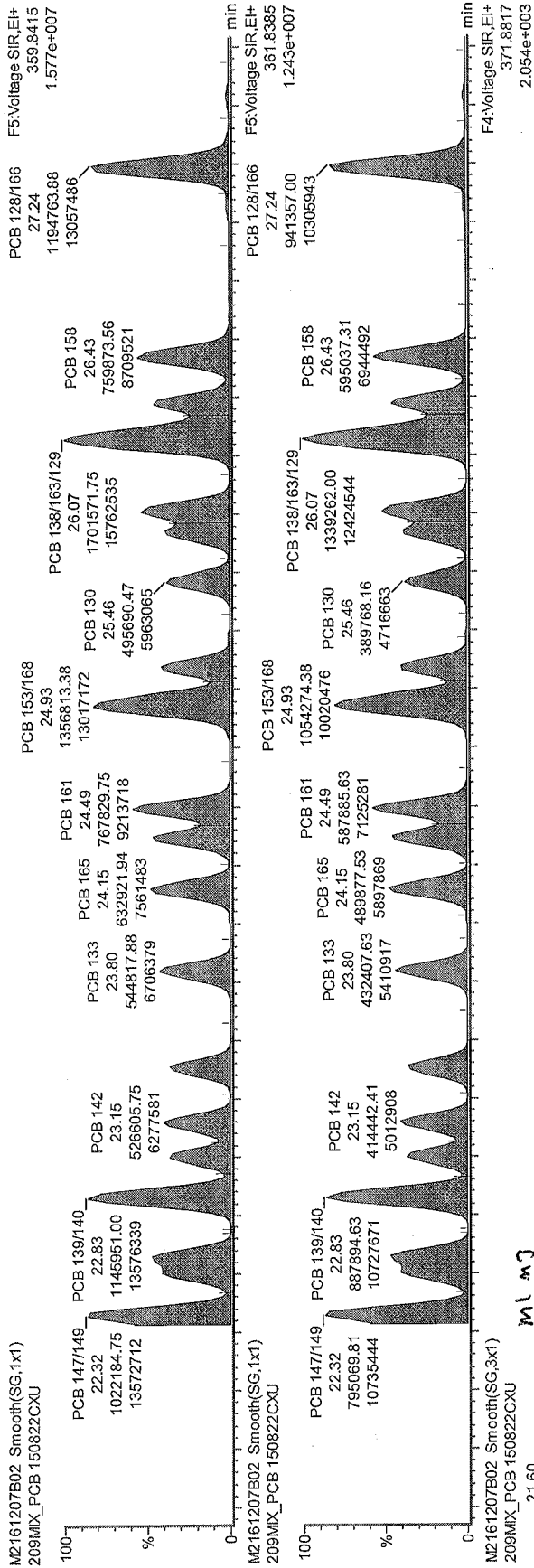


BEFORE

DEC 15 2016

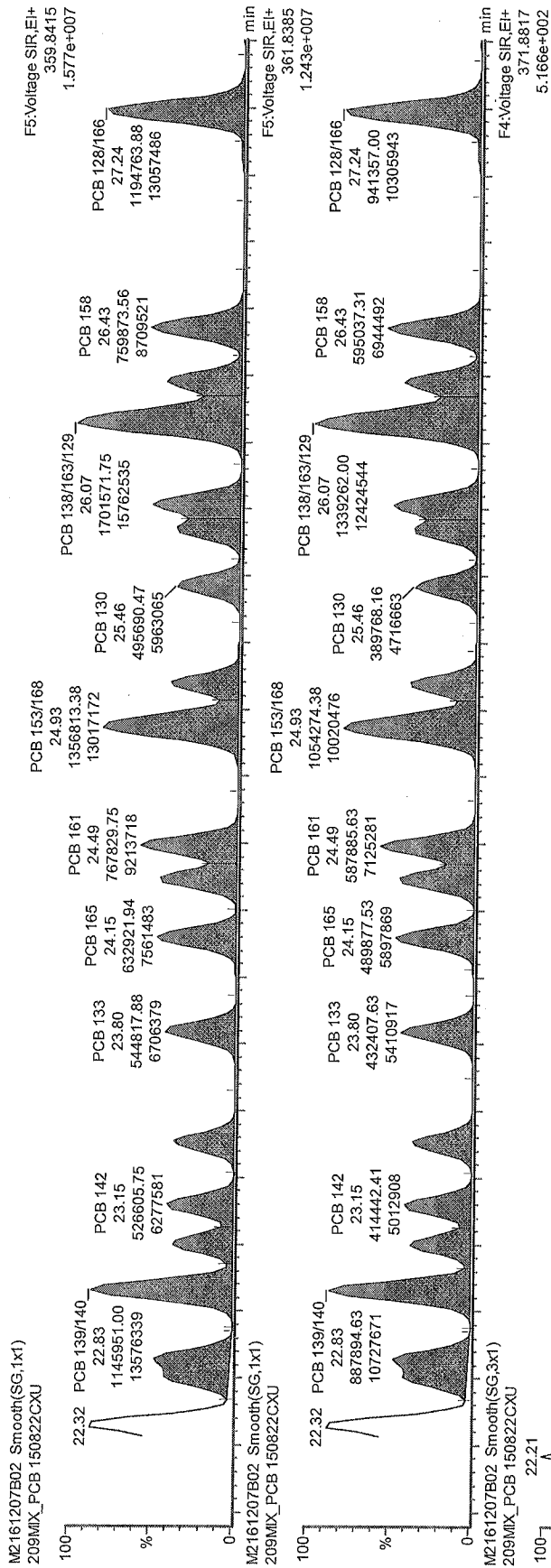
B-1 20161206



DEC 15 2016

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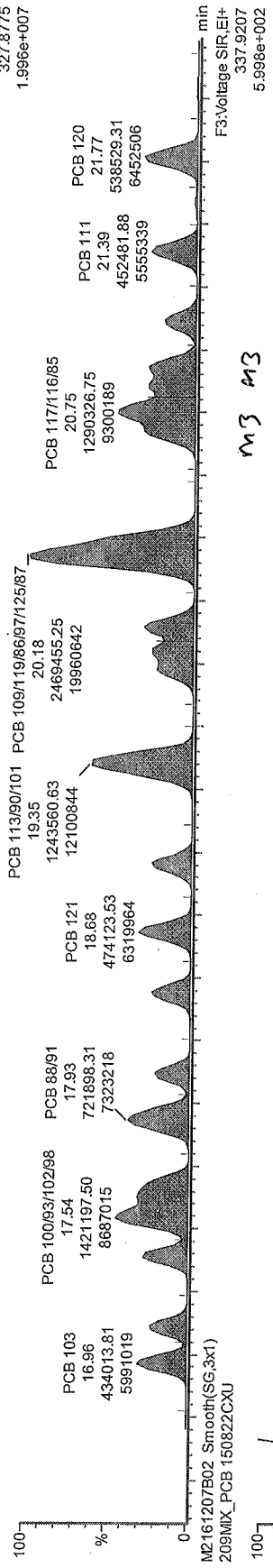
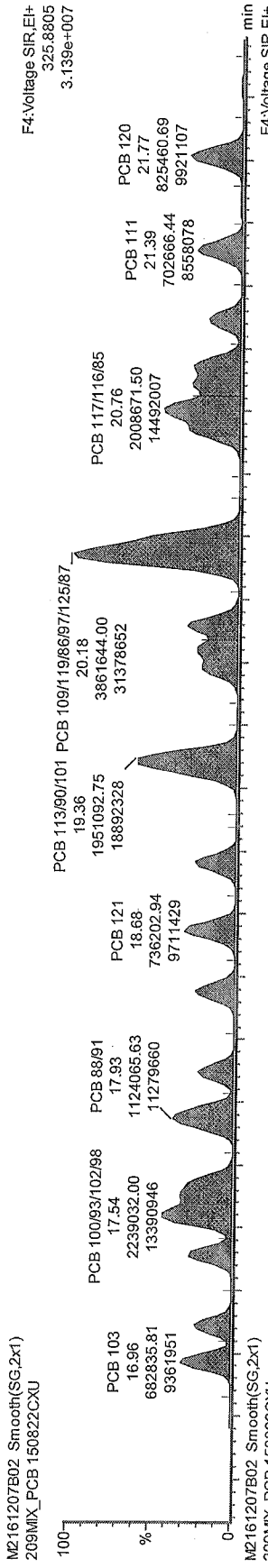
20161208



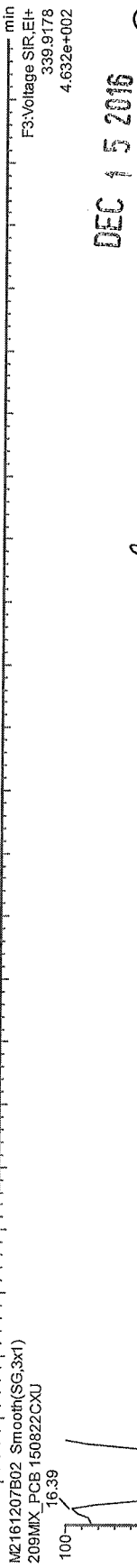
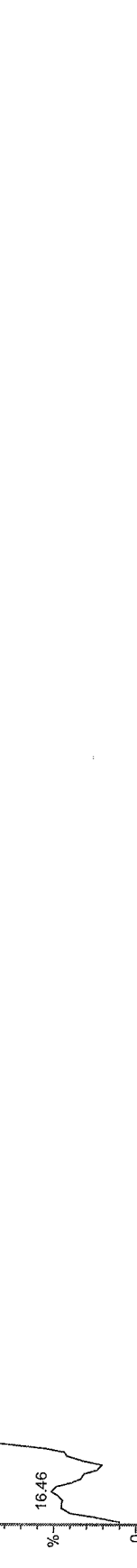
DEC 15 2016

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B-2016003

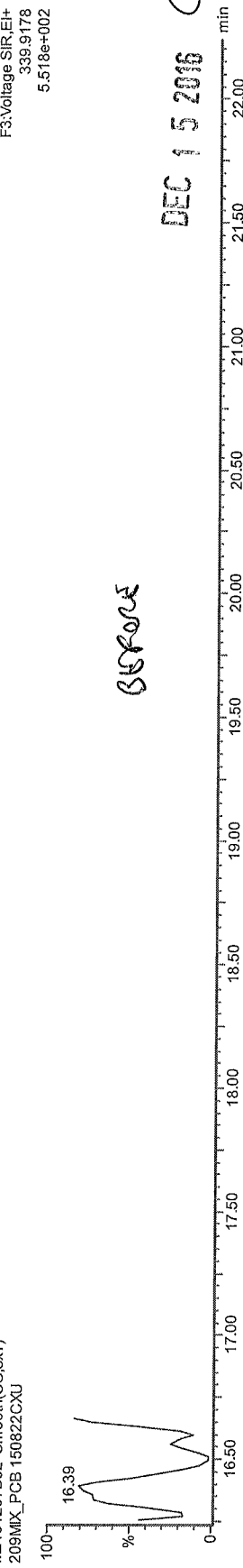
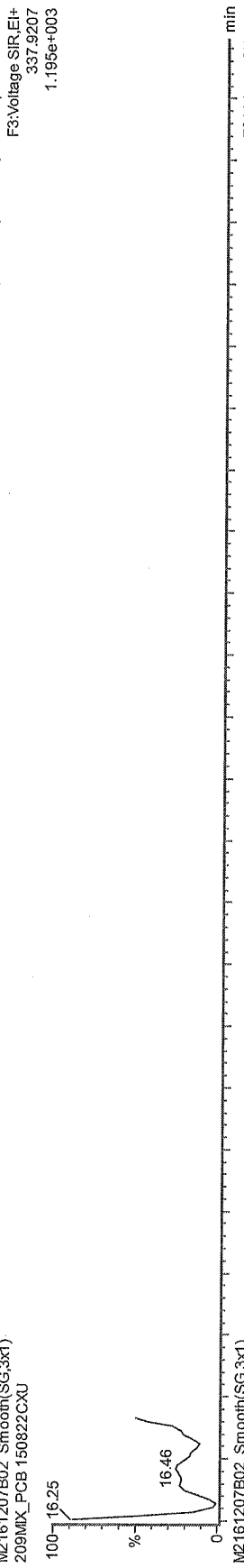
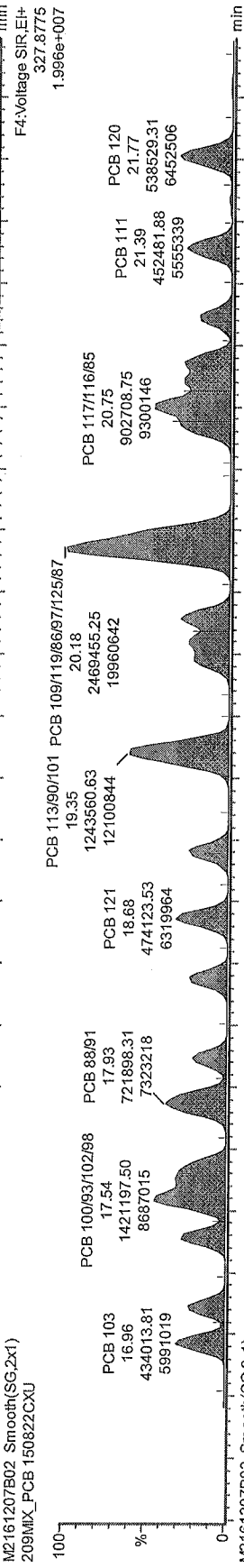
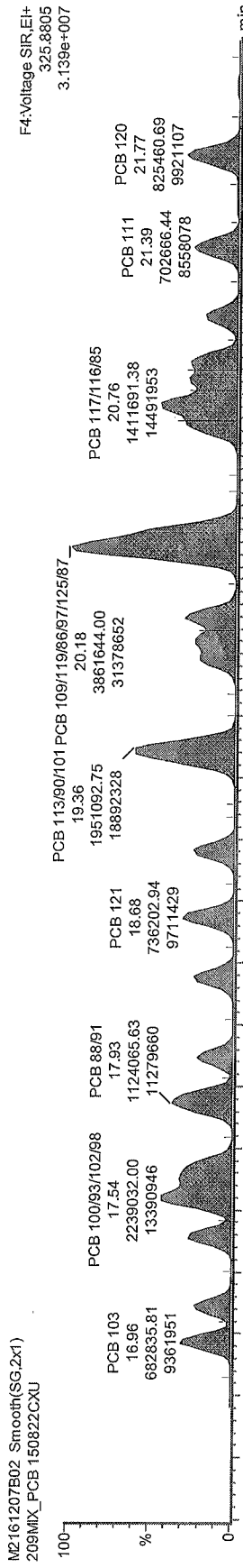


M3 M3



DEC 15 2016

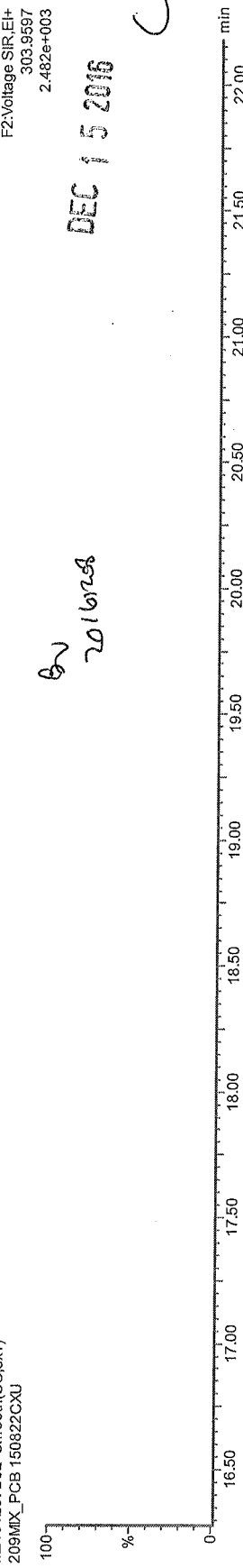
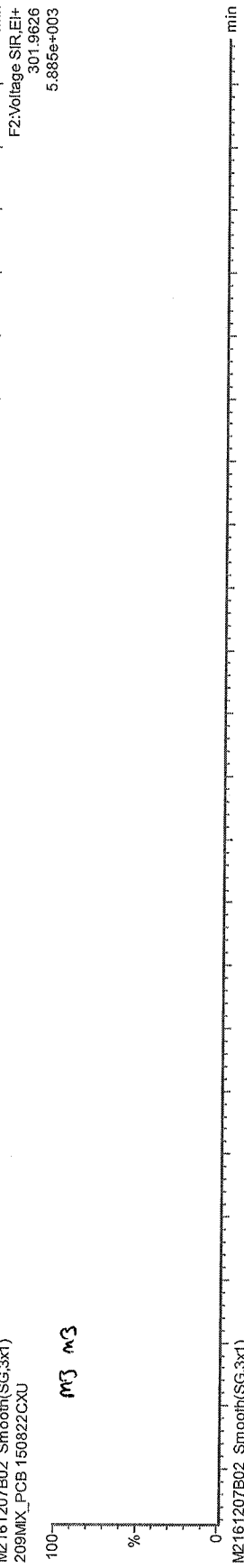
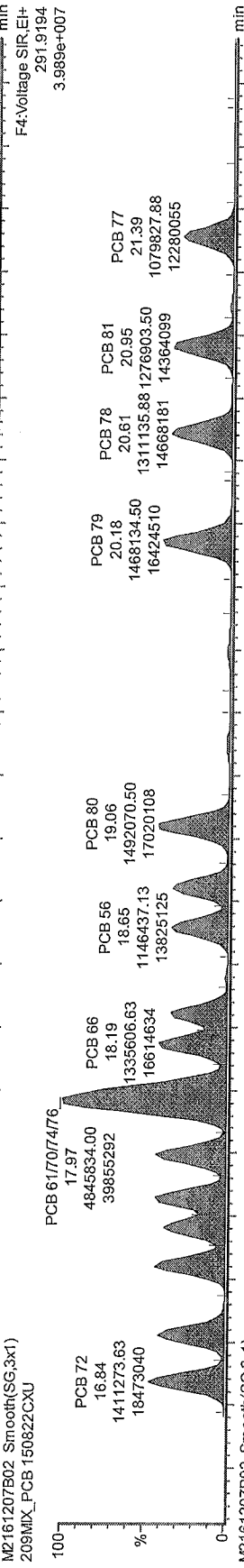
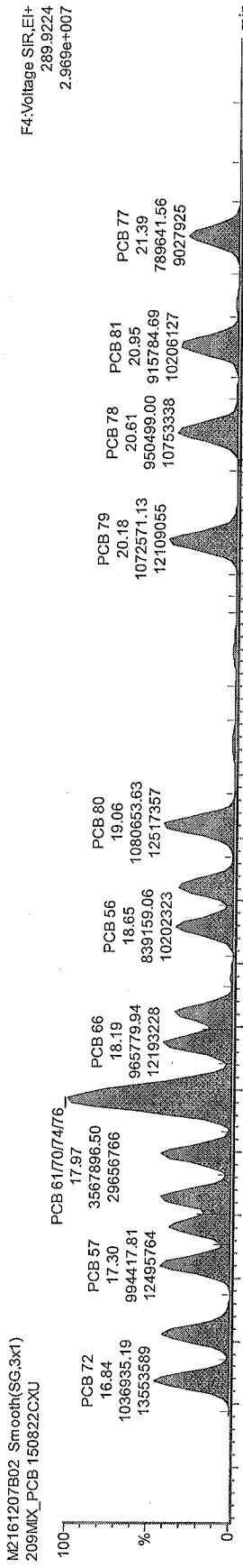
62 20161208



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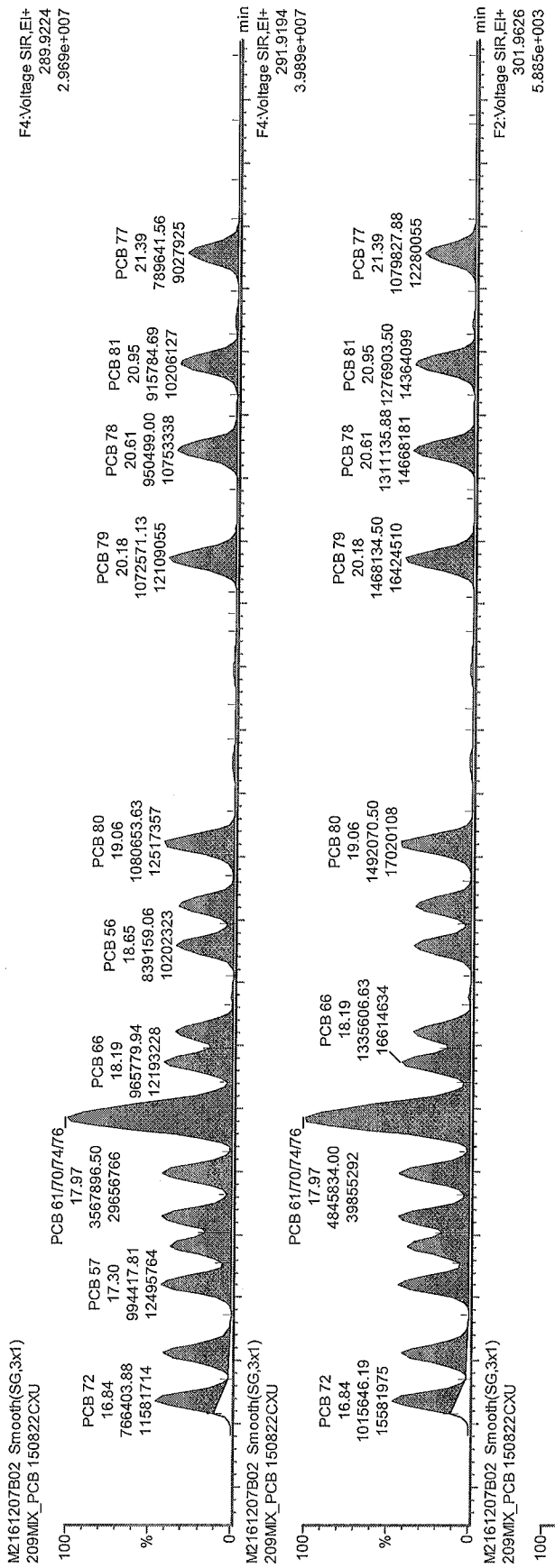
DEC 15 2009

3-2016ms



BV
2016/2/28

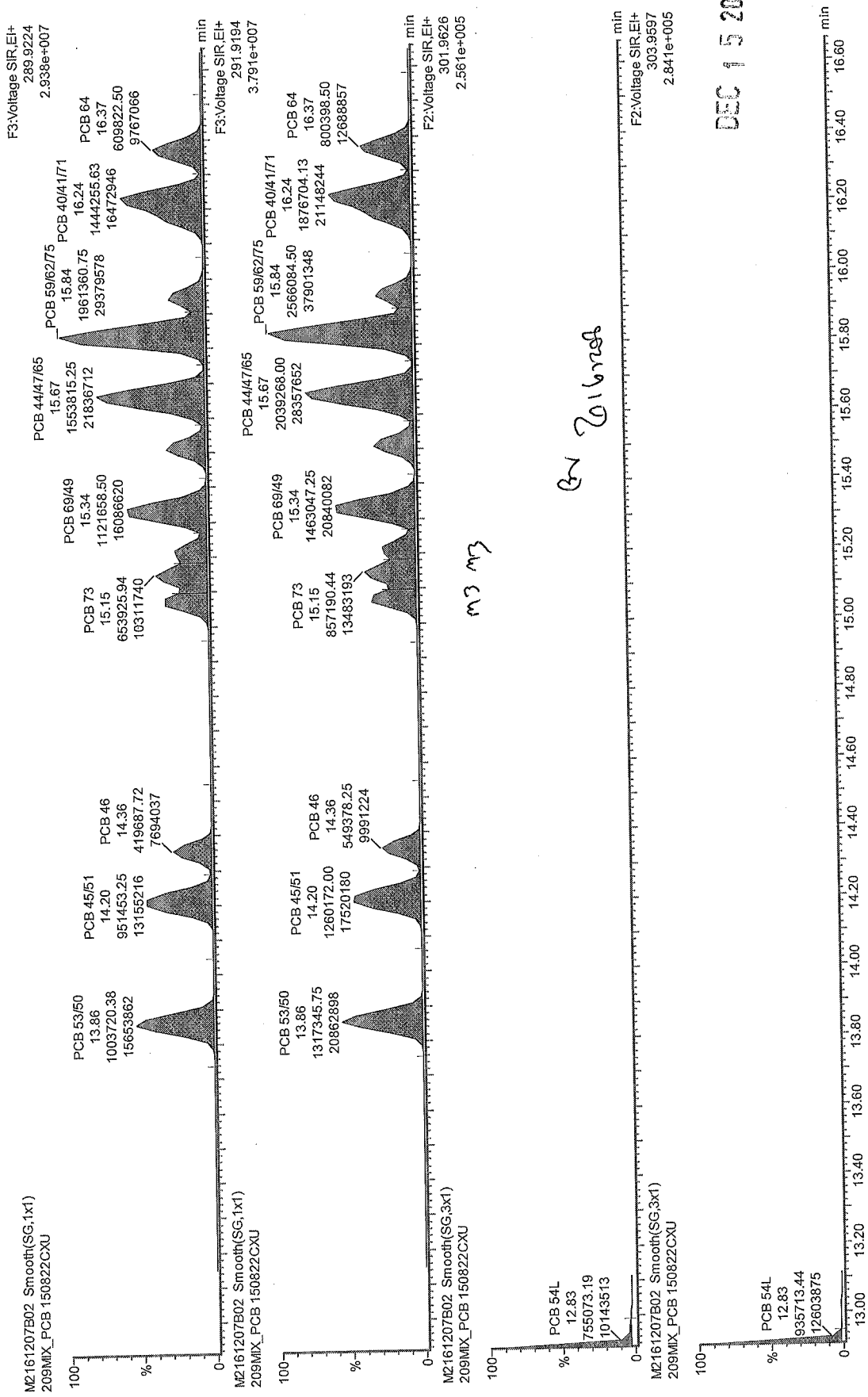
DEC 15 2016



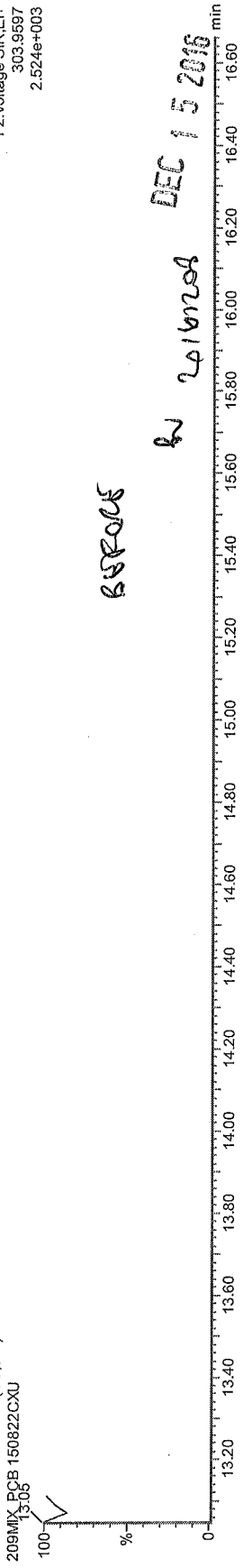
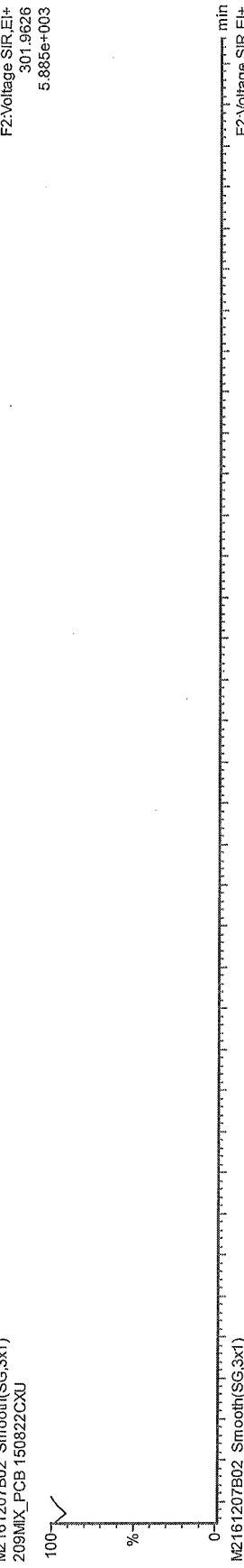
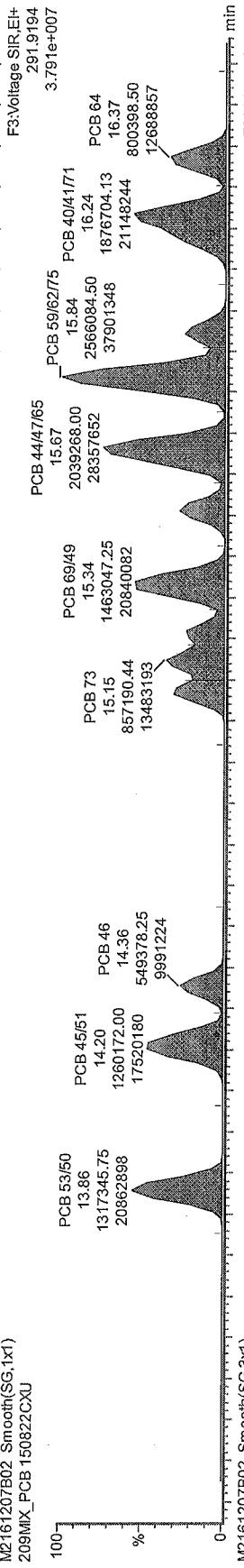
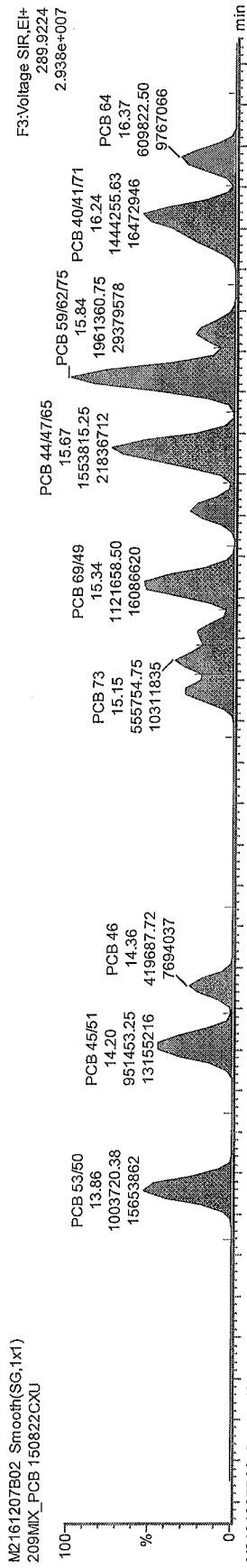
DEC 15 2016

BHP

20161215

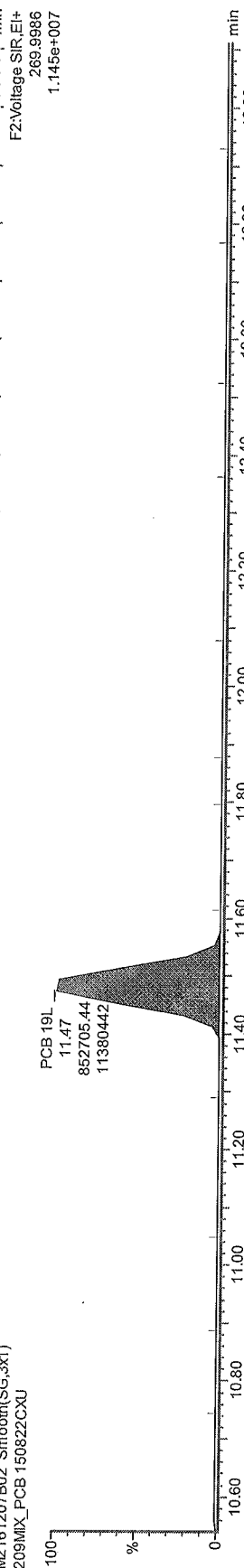
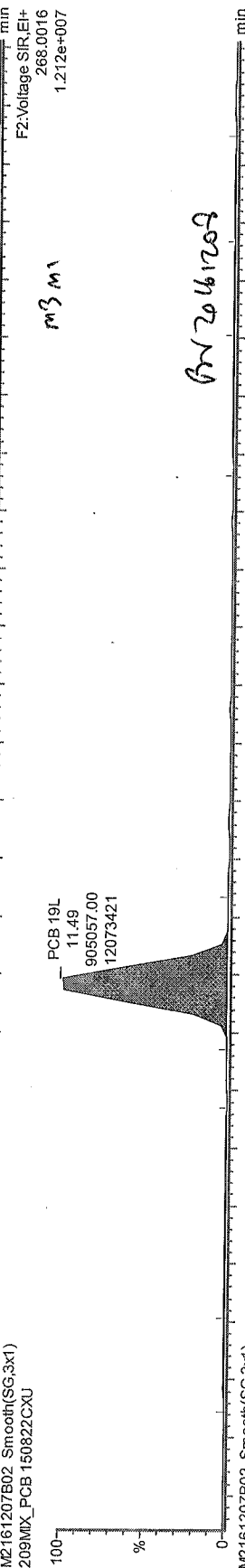
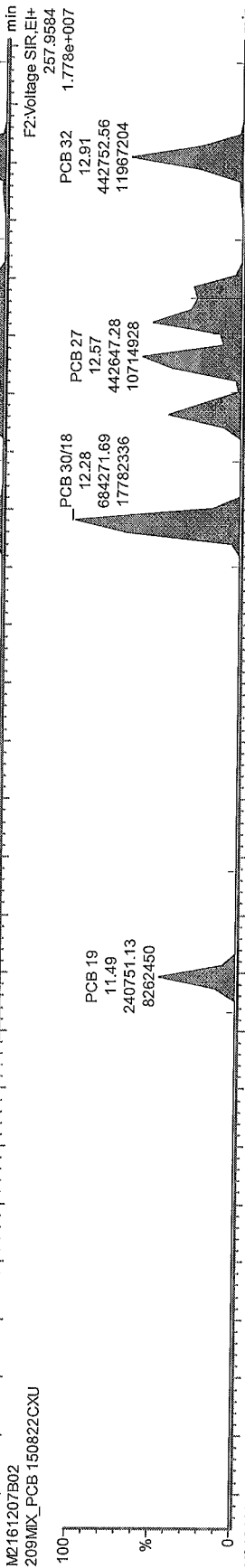
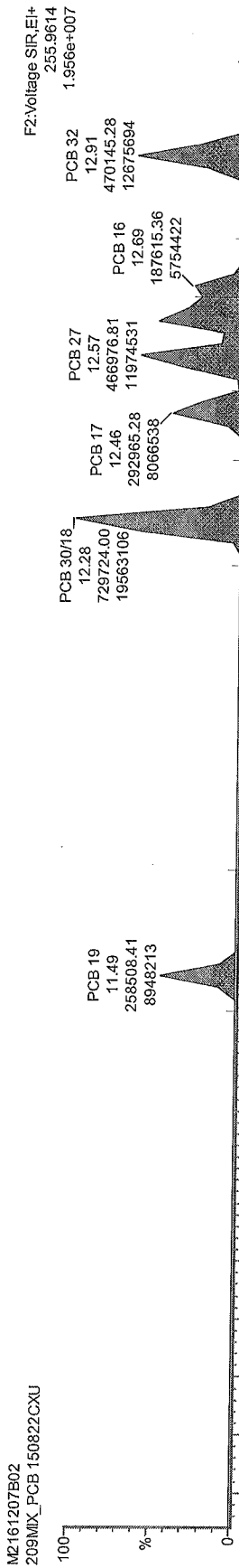


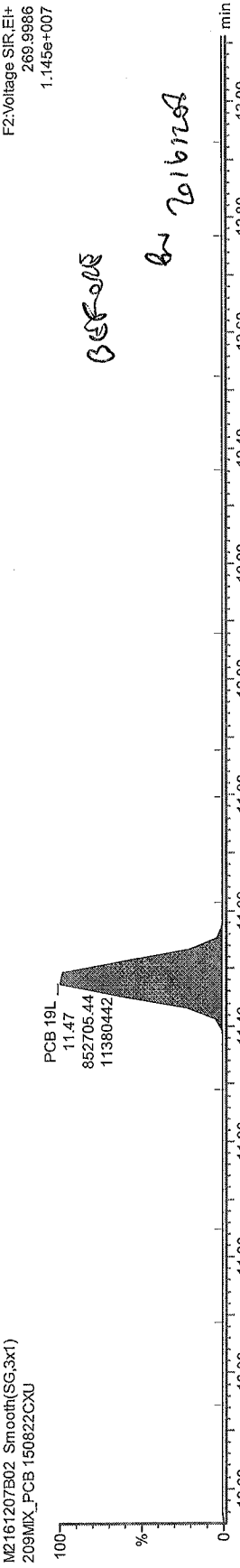
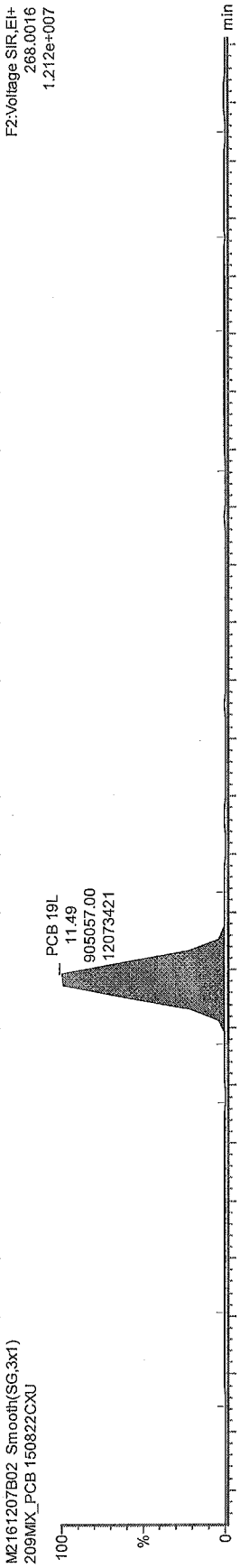
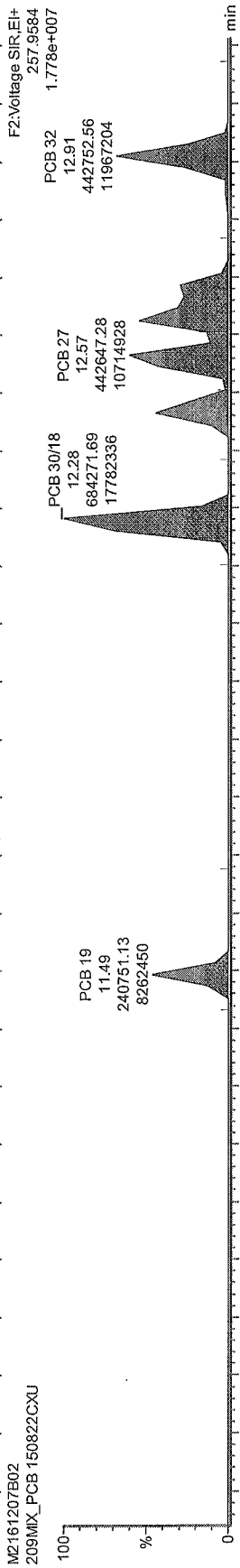
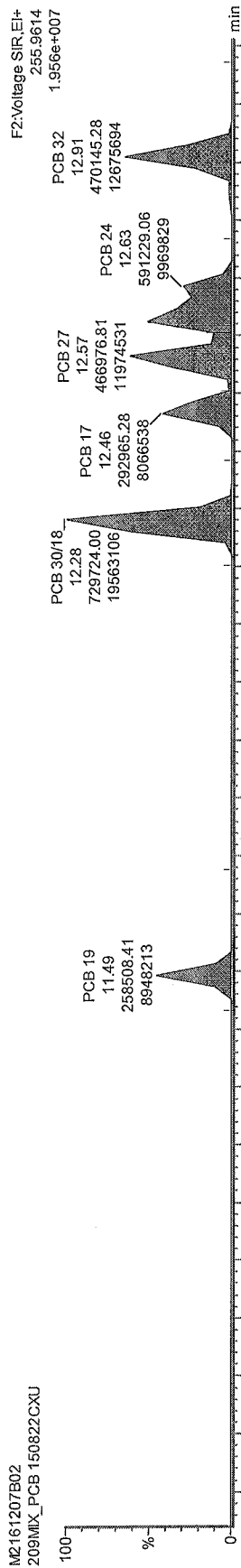
DEC 15 2006



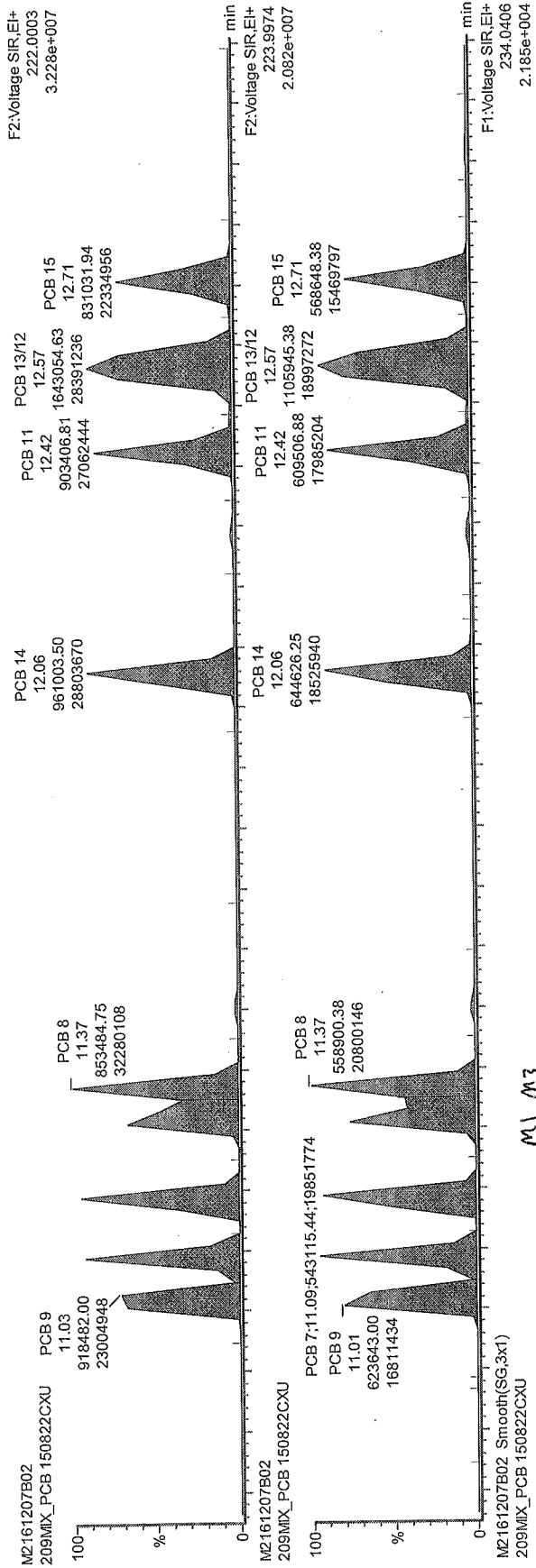
68906

by 2016/12/04 DEC 15 2016



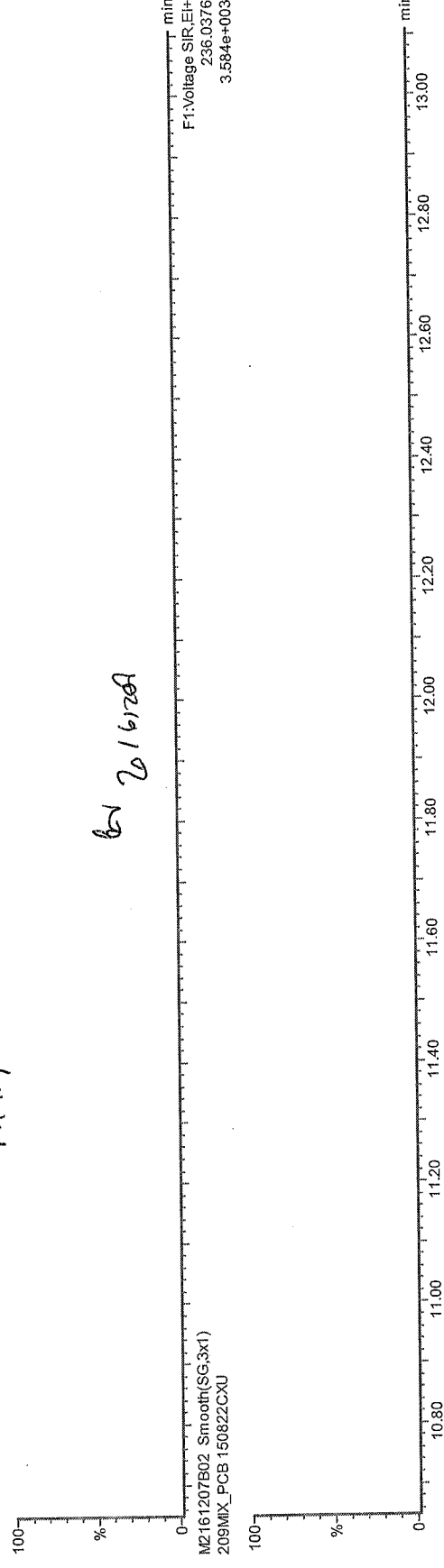


DEC 15 2016



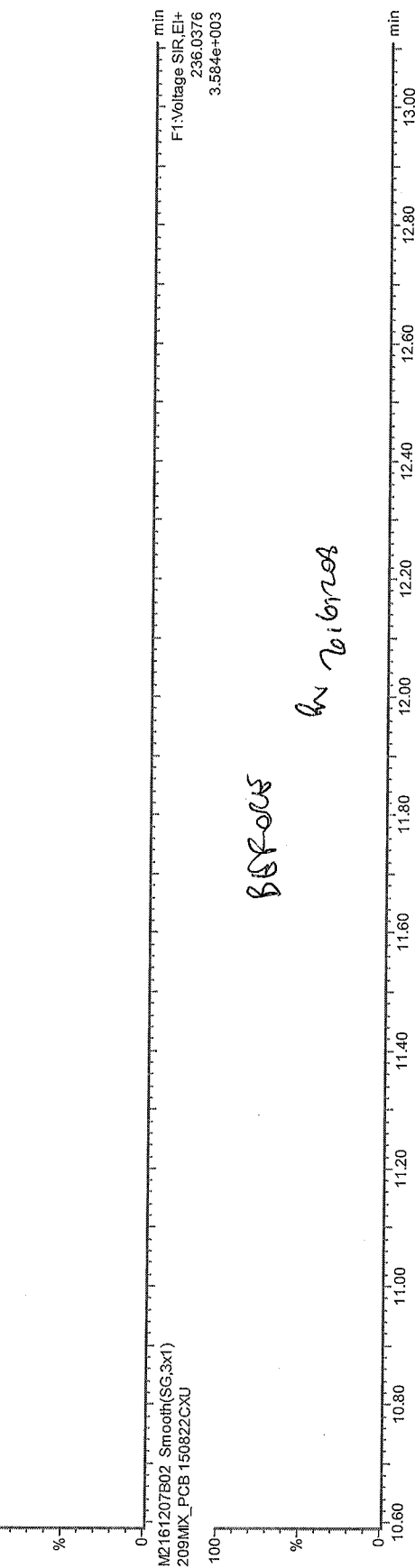
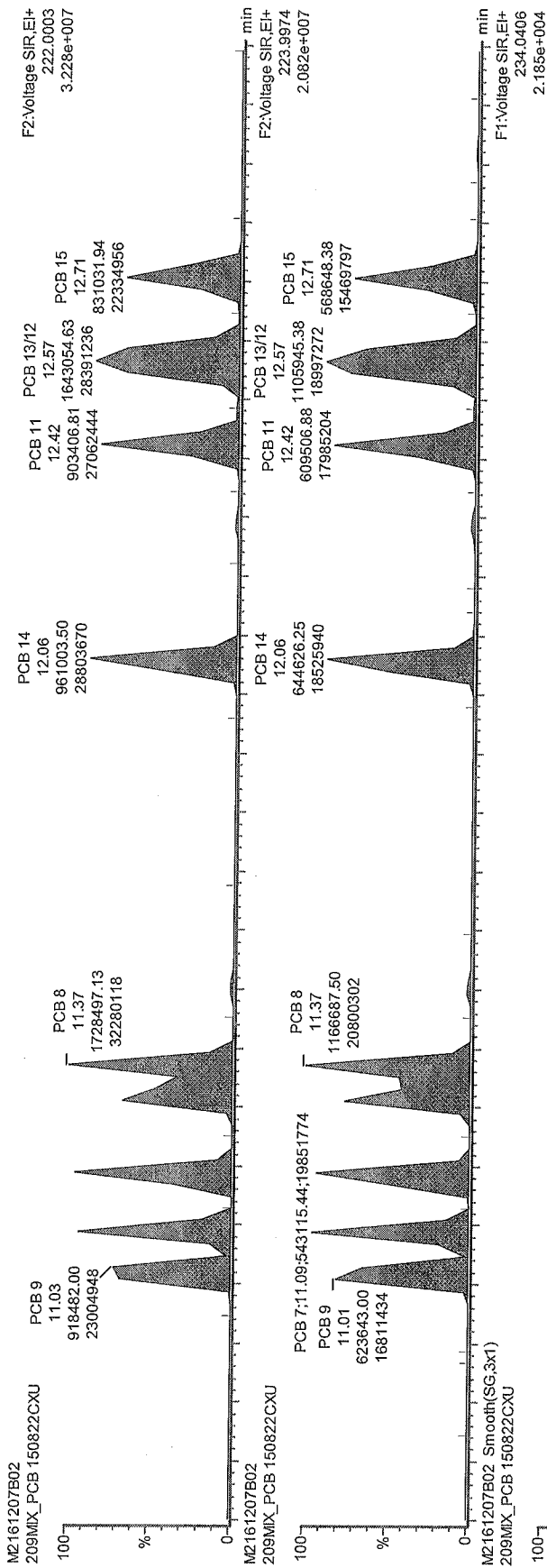
M1 M3

6-2016120A



DEC 15 2016

Q



BEFORE
by 70.61208

DEC 15 2010

[Handwritten signature]

Quantify Sample Summary Report

Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B_209MIX_Test.qld

Last Altered: Thursday, December 08, 2016 3:20:10 PM

Printed: Thursday, December 08, 2016 3:21:38 PM

Method: C:\MassLynx\Default.PRO\MethDB\EPA 1668_M2161207B.mdb 08 Dec 2016 15:09:38

Calibration: C:\MassLynx\Default.pro\Curvedb\m2161207B_209.cdb 08 Dec 2016 15:20:10

ID:

Date: 07-Dec-2016

Time: 18:06:22

Instrument:

Description: 209MIX_PCB 150822CXU

| # | Name | RT | Area | Sec.Area | Ion Ra... | Ratio Fl... | Flags | pg/ul | %Dev | %Rec | S# | RRF |
|----|-----------|-------|---------|----------|-----------|-------------|-------|----------|------|------|-----|-------|
| 1 | PCB 1 | 8.84 | 1018547 | 307427 | 3.31 | YES | bb | 26.978 | 7.9 | 108 | 165 | 1.398 |
| 2 | PCB 2 | 9.93 | 1178652 | 361304 | 3.26 | YES | bd | 25.000 | 0.0 | 100 | | 1.627 |
| 3 | PCB 3 | 10.01 | 972760 | 299375 | 3.25 | YES | dd | 26.363 | 5.5 | 105 | 166 | 1.346 |
| 4 | PCB 4 | 10.13 | 274551 | 170311 | 1.61 | YES | bd | 24.250 | -3.0 | 97 | 167 | 1.151 |
| 5 | PCB 10 | 10.21 | 488333 | 297744 | 1.64 | YES | db | 25.000 | 0.0 | 100 | | 1.043 |
| 6 | PCB 9 | 11.03 | 918482 | 623643 | 1.47 | YES | bd | 25.000 | 0.0 | 100 | | 2.045 |
| 7 | PCB 7 | 11.09 | 817684 | 543115 | 1.51 | YES | dd | 25.000 | 0.0 | 100 | | 1.805 |
| 8 | PCB 6 | 11.19 | 914446 | 624343 | 1.47 | YES | dd | 25.000 | 0.0 | 100 | | 2.041 |
| 9 | PCB 5 | 11.31 | 875000 | 607782 | 1.44 | YES | MM | 25.000 | 0.0 | 100 | | 1.967 |
| 10 | PCB 8 | 11.37 | 853485 | 558900 | 1.53 | YES | MM | 25.000 | 0.0 | 100 | | 1.873 |
| 11 | PCB 14 | 12.06 | 961004 | 644626 | 1.49 | YES | bd | 25.000 | 0.0 | 100 | | 2.129 |
| 12 | PCB 11 | 12.42 | 903407 | 609507 | 1.48 | YES | dd | 25.000 | 0.0 | 100 | | 2.007 |
| 13 | PCB 13/12 | 12.56 | 1643055 | 1105945 | 1.49 | YES | dd | 50.000 | 0.0 | 100 | | 1.823 |
| 14 | PCB 15 | 12.71 | 831032 | 568648 | 1.46 | YES | dd | 29.960 | 19.8 | 120 | 168 | 1.248 |
| 15 | PCB 19 | 11.49 | 258508 | 240751 | 1.07 | YES | bb | 24.562 | -1.8 | 98 | 169 | 1.136 |
| 16 | PCB 30/18 | 12.28 | 729724 | 684272 | 1.07 | YES | bd | 50.000 | 0.0 | 100 | | 0.926 |
| 17 | PCB 17 | 12.46 | 292965 | 277670 | 1.05 | YES | dd | 25.000 | 0.0 | 100 | | 0.748 |
| 18 | PCB 27 | 12.56 | 466977 | 442647 | 1.05 | YES | dd | 25.000 | 0.0 | 100 | | 1.192 |
| 19 | PCB 24 | 12.63 | 403615 | 377752 | 1.07 | YES | MM | 25.000 | 0.0 | 100 | | 1.024 |
| 20 | PCB 16 | 12.69 | 187615 | 168486 | 1.11 | YES | MM | 25.000 | 0.0 | 100 | | 0.467 |
| 21 | PCB 32 | 12.91 | 470145 | 442753 | 1.06 | YES | db | 25.000 | 0.0 | 100 | | 1.196 |
| 22 | PCB 34 | 13.49 | 713437 | 744673 | 0.96 | YES | bd | 25.000 | 0.0 | 100 | | 1.910 |
| 23 | PCB 23 | 13.58 | 624442 | 644439 | 0.97 | YES | dd | 25.000 | 0.0 | 100 | | 1.662 |
| 24 | PCB 26/29 | 13.72 | 1439188 | 1496677 | 0.96 | YES | dd | 50.000 | 0.0 | 100 | | 1.923 |
| 25 | PCB 25 | 13.82 | 708184 | 721282 | 0.98 | YES | dd | 25.000 | 0.0 | 100 | | 1.873 |
| 26 | PCB 31 | 13.98 | 736794 | 759128 | 0.97 | YES | dd | 25.000 | 0.0 | 100 | | 1.960 |
| 27 | PCB 28/20 | 14.15 | 1355430 | 1420790 | 0.95 | YES | dd | 50.000 | 0.0 | 100 | | 1.819 |
| 28 | PCB 21/33 | 14.25 | 1357186 | 1405999 | 0.96 | YES | dd | 50.000 | 0.0 | 100 | | 1.810 |
| 29 | PCB 22 | 14.46 | 603654 | 628337 | 0.96 | YES | db | 25.000 | 0.0 | 100 | | 1.614 |
| 30 | PCB 36 | 15.29 | 812189 | 854631 | 0.95 | YES | dd | 25.000 | 0.0 | 100 | | 2.184 |
| 31 | PCB 39 | 15.49 | 674737 | 705710 | 0.96 | YES | dd | 25.000 | 0.0 | 100 | | 1.809 |
| 32 | PCB 38 | 15.84 | 690608 | 716112 | 0.96 | YES | dd | 25.000 | 0.0 | 100 | | 1.843 |
| 33 | PCB 35 | 16.10 | 686441 | 710796 | 0.97 | YES | dd | 25.000 | 0.0 | 100 | | 1.831 |
| 34 | PCB 37 | 16.34 | 594338 | 612285 | 0.97 | YES | db | 28.165 | 12.7 | 113 | 170 | 1.110 |
| 35 | PCB 54 | 12.85 | 406008 | 530141 | 0.77 | YES | bb | 54.296 | 8.6 | 109 | 171 | 1.107 |
| 36 | PCB 53/50 | 13.86 | 1003720 | 1317346 | 0.76 | YES | bb | 100.0... | 0.0 | 100 | | 0.892 |
| 37 | PCB 45/51 | 14.20 | 951453 | 1260172 | 0.75 | YES | bd | 100.0... | 0.0 | 100 | | 0.850 |
| 38 | PCB 46 | 14.36 | 419688 | 549378 | 0.76 | YES | db | 50.000 | 0.0 | 100 | | 0.745 |
| 39 | PCB 52 | 15.06 | 465597 | 624108 | 0.75 | YES | MM | 50.000 | 0.0 | 100 | | 0.838 |
| 40 | PCB 73 | 15.15 | 653926 | 857190 | 0.76 | YES | MM | 50.000 | 0.0 | 100 | | 1.162 |
| 41 | PCB 43 | 15.22 | 385774 | 498871 | 0.77 | YES | dd | 50.000 | 0.0 | 100 | | 0.680 |
| 42 | PCB 69/49 | 15.34 | 1121659 | 1463047 | 0.77 | YES | dd | 100.0... | 0.0 | 100 | | 0.994 |

Quantify Sample Summary Report

Acquired Date

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Last Altered: Thursday, December 08, 2016 3:20:10 PM

Printed: Thursday, December 08, 2016 3:21:38 PM

ID:

Date: 07-Dec-2016

Time: 18:06:22

Instrument:

Description: 209MIX_PCB 150822CXU

| # | Name | RT | Area | Sec.Area | Ion Ra... | Ratio Fl... | Flags | pg/ul | %Dev | %Rec | IS# | RRF |
|----|-----------------------|-------|---------|----------|-----------|-------------|-------|----------|------|------|-----|-------|
| 43 | PCB 48 | 15.51 | 468098 | 618528 | 0.76 | YES | dd | 50.000 | 0.0 | 100 | | 0.835 |
| 44 | PCB 44/47/65 | 15.67 | 1553815 | 2039268 | 0.76 | YES | dd | 150.0... | 0.0 | 100 | | 0.921 |
| 45 | PCB 59/62/75 | 15.84 | 1961361 | 2566085 | 0.76 | YES | dd | 150.0... | 0.0 | 100 | | 1.160 |
| 46 | PCB 42 | 15.94 | 406896 | 530376 | 0.77 | YES | dd | 50.000 | 0.0 | 100 | | 0.721 |
| 47 | PCB 40/41/71 | 16.24 | 1444256 | 1876704 | 0.77 | YES | dd | 150.0... | 0.0 | 100 | | 0.851 |
| 48 | PCB 64 | 16.37 | 609823 | 800399 | 0.76 | YES | db | 50.000 | 0.0 | 100 | | 1.084 |
| 49 | PCB 72 | 16.84 | 1036935 | 1411274 | 0.74 | YES | MM | 50.000 | 0.0 | 100 | | 1.882 |
| 50 | PCB 68 | 17.03 | 972207 | 1306603 | 0.74 | YES | MM | 50.000 | 0.0 | 100 | | 1.752 |
| 51 | PCB 57 | 17.30 | 994418 | 1357350 | 0.73 | YES | bd | 50.000 | 0.0 | 100 | | 1.808 |
| 52 | PCB 58 | 17.45 | 836610 | 1150162 | 0.73 | YES | dd | 50.000 | 0.0 | 100 | | 1.528 |
| 53 | PCB 67 | 17.58 | 1048567 | 1430568 | 0.73 | YES | dd | 50.000 | 0.0 | 100 | | 1.906 |
| 54 | PCB 63 | 17.75 | 1004326 | 1366381 | 0.74 | YES | dd | 50.000 | 0.0 | 100 | | 1.823 |
| 55 | PCB 61/70/74/76 | 17.97 | 3567897 | 4845834 | 0.74 | YES | dd | 200.0... | 0.0 | 100 | | 1.617 |
| 56 | PCB 66 | 18.19 | 965780 | 1335607 | 0.72 | YES | dd | 50.000 | 0.0 | 100 | | 1.769 |
| 57 | PCB 55 | 18.31 | 857190 | 1144573 | 0.75 | YES | dd | 50.000 | 0.0 | 100 | | 1.539 |
| 58 | PCB 56 | 18.65 | 839159 | 1146437 | 0.73 | YES | dd | 50.000 | 0.0 | 100 | | 1.527 |
| 59 | PCB 60 | 18.80 | 809664 | 1104750 | 0.73 | YES | dd | 50.000 | 0.0 | 100 | | 1.472 |
| 60 | PCB 80 | 19.06 | 1080654 | 1492071 | 0.72 | YES | dd | 50.000 | 0.0 | 100 | | 1.978 |
| 61 | PCB 79 | 20.18 | 1072571 | 1468135 | 0.73 | YES | dd | 50.000 | 0.0 | 100 | | 1.953 |
| 62 | PCB 78 | 20.61 | 950499 | 1311136 | 0.73 | YES | ds | 50.000 | 0.0 | 100 | | 1.739 |
| 63 | PCB 81 | 20.95 | 915785 | 1276904 | 0.72 | YES | dd | 60.112 | 20.2 | 120 | 172 | 1.403 |
| 64 | PCB 77 | 21.39 | 789642 | 1079828 | 0.73 | YES | dd | 51.475 | 2.9 | 103 | 173 | 1.252 |
| 65 | PCB 104 | 15.61 | 583103 | 373374 | 1.56 | YES | bd | 46.912 | -6.2 | 94 | 174 | 1.114 |
| 66 | PCB 96 | 15.84 | 627654 | 400506 | 1.57 | YES | db | 50.000 | 0.0 | 100 | | 0.747 |
| 67 | PCB 103 | 16.96 | 682836 | 434014 | 1.57 | YES | bd | 50.000 | 0.0 | 100 | | 0.811 |
| 68 | PCB 94 | 17.11 | 492356 | 319166 | 1.54 | YES | dd | 50.000 | 0.0 | 100 | | 0.589 |
| 69 | PCB 95 | 17.39 | 598594 | 390446 | 1.53 | YES | dd | 50.000 | 0.0 | 100 | | 0.718 |
| 70 | PCB 100/93/102/98 | 17.54 | 2239032 | 1421198 | 1.58 | YES | dd | 200.0... | 0.0 | 100 | | 0.665 |
| 71 | PCB 88/91 | 17.93 | 1124066 | 721898 | 1.56 | YES | dd | 100.0... | 0.0 | 100 | | 0.670 |
| 72 | PCB 84 | 18.12 | 501163 | 310149 | 1.62 | YES | dd | 50.000 | 0.0 | 100 | | 0.589 |
| 73 | PCB 89 | 18.44 | 558440 | 352708 | 1.58 | YES | dd | 50.000 | 0.0 | 100 | | 0.662 |
| 74 | PCB 121 | 18.68 | 736203 | 474124 | 1.55 | YES | dd | 50.000 | 0.0 | 100 | | 0.879 |
| 75 | PCB 92 | 18.95 | 587671 | 362255 | 1.62 | YES | db | 50.000 | 0.0 | 100 | | 0.690 |
| 76 | PCB 113/90/101 | 19.36 | 1951093 | 1243561 | 1.57 | YES | bs | 150.0... | 0.0 | 100 | | 0.773 |
| 77 | PCB 83/99 | 19.81 | 1070925 | 683175 | 1.57 | YES | dd | 100.0... | 0.0 | 100 | | 0.637 |
| 78 | PCB 112 | 19.89 | 788245 | 490185 | 1.61 | YES | dd | 50.000 | 0.0 | 100 | | 0.929 |
| 79 | PCB 109/119/86/97/... | 20.18 | 3861644 | 2469455 | 1.56 | YES | db | 300.0... | 0.0 | 100 | | 0.766 |
| 80 | PCB 117/116/85 | 20.76 | 2008672 | 1290327 | 1.56 | YES | MM | 150.0... | 0.0 | 100 | | 0.799 |
| 81 | PCB 110/115 | 20.86 | 1384795 | 865446 | 1.60 | YES | MM | 100.0... | 0.0 | 100 | | 0.817 |
| 82 | PCB 82 | 21.12 | 503379 | 320818 | 1.57 | YES | dd | 50.000 | 0.0 | 100 | | 0.599 |
| 83 | PCB 111 | 21.39 | 702666 | 452482 | 1.55 | YES | dd | 50.000 | 0.0 | 100 | | 0.839 |
| 84 | PCB 120 | 21.77 | 825461 | 538529 | 1.53 | YES | dd | 50.000 | 0.0 | 100 | | 0.991 |
| 85 | PCB 108/124 | 22.71 | 2305884 | 1563542 | 1.48 | YES | bd | 100.0... | 0.0 | 100 | | 1.405 |
| 86 | PCB 107 | 22.91 | 1252297 | 844246 | 1.48 | YES | dd | 50.000 | 0.0 | 100 | | 1.523 |
| 87 | PCB 123 | 23.01 | 1040982 | 696835 | 1.49 | YES | dd | 57.595 | 15.2 | 115 | 175 | 1.091 |
| 88 | PCB 106 | 23.12 | 1170406 | 778167 | 1.50 | YES | dd | 50.000 | 0.0 | 100 | | 1.415 |

Quantify Sample Summary Report

Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLDM2161207B_209MIX_Test.qld

Last Altered: Thursday, December 08, 2016 3:20:10 PM

Printed: Thursday, December 08, 2016 3:21:38 PM

ID:

Date: 07-Dec-2016

Time: 18:06:22

Instrument:

Description: 209MIX_PCB 150822CXU

| # | Name | RT | Area | Sec.Area | Ion Ra... | Ratio Fl... | Flags | pg/ul | %Dev | %Rec | IS# | RRF |
|-----|-----------------|-------|---------|----------|-----------|-------------|-------|----------|------|------|-----|-------|
| 89 | PCB 118 | 23.29 | 1065330 | 713917 | 1.49 | YES | dd | 56.019 | 12.0 | 112 | 176 | 1.167 |
| 90 | PCB 122 | 23.59 | 1105801 | 741431 | 1.49 | YES | dd | 50.000 | 0.0 | 100 | | 1.342 |
| 91 | PCB 114 | 23.76 | 1066176 | 716167 | 1.49 | YES | db | 57.922 | 15.8 | 116 | 177 | 1.246 |
| 92 | PCB 105 | 24.32 | 1181469 | 794177 | 1.49 | YES | dd | 64.201 | 28.4 | 128 | 178 | 1.336 |
| 93 | PCB 127 | 25.63 | 1219791 | 830908 | 1.47 | YES | ds | 50.000 | 0.0 | 100 | | 1.489 |
| 94 | PCB 126 | 27.14 | 1025698 | 687803 | 1.49 | YES | bs | 56.889 | 13.8 | 114 | 179 | 1.180 |
| 95 | PCB 155 | 19.23 | 561339 | 443893 | 1.26 | YES | bd | 48.438 | -3.1 | 97 | 180 | 1.045 |
| 96 | PCB 152 | 19.38 | 590522 | 466074 | 1.27 | YES | dd | 50.000 | 0.0 | 100 | | 0.761 |
| 97 | PCB 150 | 19.48 | 509740 | 402575 | 1.27 | YES | dd | 50.000 | 0.0 | 100 | | 0.657 |
| 98 | PCB 136 | 19.76 | 556706 | 436812 | 1.27 | YES | dd | 50.000 | 0.0 | 100 | | 0.716 |
| 99 | PCB 145 | 19.98 | 496504 | 397955 | 1.25 | YES | db | 50.000 | 0.0 | 100 | | 0.645 |
| 100 | PCB 148 | 21.10 | 427888 | 337795 | 1.27 | YES | bb | 50.000 | 0.0 | 100 | | 0.552 |
| 101 | PCB 151/135 | 21.58 | 771696 | 621446 | 1.24 | YES | bd | 100.0... | 0.0 | 100 | | 0.502 |
| 102 | PCB 154 | 21.77 | 475262 | 375966 | 1.26 | YES | dd | 50.000 | 0.0 | 100 | | 0.613 |
| 103 | PCB 144 | 22.02 | 424904 | 339958 | 1.25 | YES | db | 50.000 | 0.0 | 100 | | 0.551 |
| 104 | PCB 147/149 | 22.32 | 1022185 | 795070 | 1.29 | YES | MM | 100.0... | 0.0 | 100 | | 0.655 |
| 105 | PCB 134/143 | 22.57 | 995804 | 777855 | 1.28 | YES | MM | 100.0... | 0.0 | 100 | | 0.639 |
| 106 | PCB 139/140 | 22.83 | 1145951 | 887895 | 1.29 | YES | bd | 100.0... | 0.0 | 100 | | 0.733 |
| 107 | PCB 131 | 23.00 | 453412 | 364373 | 1.24 | YES | dd | 50.000 | 0.0 | 100 | | 0.589 |
| 108 | PCB 142 | 23.15 | 526606 | 414442 | 1.27 | YES | dd | 50.000 | 0.0 | 100 | | 0.678 |
| 109 | PCB 132 | 23.39 | 458510 | 365061 | 1.26 | YES | db | 50.000 | 0.0 | 100 | | 0.593 |
| 110 | PCB 133 | 23.80 | 544818 | 432408 | 1.26 | YES | bd | 50.000 | 0.0 | 100 | | 0.704 |
| 111 | PCB 165 | 24.15 | 632922 | 489878 | 1.29 | YES | dd | 50.000 | 0.0 | 100 | | 0.809 |
| 112 | PCB 146 | 24.37 | 597207 | 472529 | 1.26 | YES | dd | 50.000 | 0.0 | 100 | | 0.771 |
| 113 | PCB 161 | 24.49 | 767830 | 587886 | 1.31 | YES | dd | 50.000 | 0.0 | 100 | | 0.977 |
| 114 | PCB 153/168 | 24.93 | 1356813 | 1054274 | 1.29 | YES | dd | 100.0... | 0.0 | 100 | | 0.869 |
| 115 | PCB 141 | 25.10 | 523545 | 407857 | 1.28 | YES | dd | 50.000 | 0.0 | 100 | | 0.671 |
| 116 | PCB 130 | 25.46 | 495690 | 389768 | 1.27 | YES | dd | 50.000 | 0.0 | 100 | | 0.638 |
| 117 | PCB 137 | 25.68 | 491080 | 392516 | 1.25 | YES | dd | 50.000 | 0.0 | 100 | | 0.637 |
| 118 | PCB 164 | 25.76 | 709560 | 542901 | 1.31 | YES | dd | 50.000 | 0.0 | 100 | | 0.903 |
| 119 | PCB 138/163/129 | 26.07 | 1701572 | 1339262 | 1.27 | YES | dd | 150.0... | 0.0 | 100 | | 0.730 |
| 120 | PCB 160 | 26.22 | 608564 | 468615 | 1.30 | YES | dd | 50.000 | 0.0 | 100 | | 0.776 |
| 121 | PCB 158 | 26.43 | 759874 | 595037 | 1.28 | YES | db | 50.000 | 0.0 | 100 | | 0.976 |
| 122 | PCB 128/166 | 27.24 | 1194764 | 941357 | 1.27 | YES | dd | 100.0... | 0.0 | 100 | | 0.770 |
| 123 | PCB 159 | 28.20 | 1048963 | 889578 | 1.18 | YES | bb | 50.000 | 0.0 | 100 | | 1.397 |
| 124 | PCB 162 | 28.47 | 954669 | 818336 | 1.17 | YES | bd | 50.000 | 0.0 | 100 | | 1.278 |
| 125 | PCB 167 | 28.94 | 1062008 | 911056 | 1.17 | YES | bd | 64.652 | 29.3 | 129 | 181 | 1.230 |
| 126 | PCB 156/157 | 30.10 | 1959683 | 1669306 | 1.17 | YES | bd | 121.1... | 21.1 | 121 | 182 | 1.255 |
| 127 | PCB 169 | 33.46 | 905498 | 757843 | 1.20 | YES | bb | 55.534 | 11.1 | 111 | 183 | 1.081 |
| 128 | PCB 188 | 23.73 | 511789 | 484732 | 1.06 | YES | bd | 48.238 | -3.5 | 96 | 184 | 1.016 |
| 129 | PCB 179 | 24.03 | 561641 | 528374 | 1.06 | YES | db | 50.000 | 0.0 | 100 | | 1.032 |
| 130 | PCB 184 | 24.49 | 527299 | 498281 | 1.06 | YES | bd | 50.000 | 0.0 | 100 | | 0.971 |
| 131 | PCB 176 | 24.81 | 540778 | 513524 | 1.05 | YES | dd | 50.000 | 0.0 | 100 | | 0.998 |
| 132 | PCB 186 | 25.22 | 471883 | 443406 | 1.06 | YES | db | 50.000 | 0.0 | 100 | | 0.867 |
| 133 | PCB 178 | 26.48 | 385550 | 375846 | 1.03 | YES | bb | 50.000 | 0.0 | 100 | | 0.721 |
| 134 | PCB 175 | 27.07 | 410132 | 384352 | 1.07 | YES | bd | 50.000 | 0.0 | 100 | | 0.752 |

Quantify Sample Summary Report

Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B_209MIX_Test.qld

Last Altered: Thursday, December 08, 2016 3:20:10 PM

Printed: Thursday, December 08, 2016 3:21:38 PM

ID:

Date: 07-Dec-2016

Time: 18:06:22

Instrument:

Description: 209MIX_PCB 150822CXU

| # | Name | RT | Area | Sec.Area | Ion Ra... | Ratio Fl... | Flags | pg/ul | %Dev | %Rec | IS# | RRF |
|-----|-------------|-------|---------|----------|-----------|-------------|-------|----------|-------|------|-----|-------|
| 135 | PCB 187 | 27.33 | 383263 | 368479 | 1.04 | YES | dd | 50.000 | 0.0 | 100 | | 0.712 |
| 136 | PCB 182 | 27.53 | 400244 | 378088 | 1.06 | YES | db | 50.000 | 0.0 | 100 | | 0.737 |
| 137 | PCB 183 | 27.93 | 554251 | 522228 | 1.06 | YES | MM | 50.000 | 0.0 | 100 | | 1.019 |
| 138 | PCB 185 | 28.03 | 488325 | 464231 | 1.05 | YES | MM | 50.000 | 0.0 | 100 | | 0.902 |
| 139 | PCB 174 | 28.15 | 486625 | 456053 | 1.07 | YES | MM | 50.000 | 0.0 | 100 | | 0.893 |
| 140 | PCB 177 | 28.59 | 480896 | 458754 | 1.05 | YES | bs | 50.000 | 0.0 | 100 | | 0.890 |
| 141 | PCB 181 | 29.00 | 457837 | 433853 | 1.05 | YES | dd | 50.000 | 0.0 | 100 | | 0.844 |
| 142 | PCB 171/173 | 29.20 | 970076 | 921573 | 1.05 | YES | db | 100.0... | 0.0 | 100 | | 0.896 |
| 143 | PCB 172 | 30.85 | 479452 | 455083 | 1.05 | YES | dd | 50.000 | 0.0 | 100 | | 0.885 |
| 144 | PCB 192 | 31.15 | 547128 | 509553 | 1.07 | YES | dd | 50.000 | 0.0 | 100 | | 1.001 |
| 145 | PCB 193/180 | 31.48 | 1124790 | 1058723 | 1.06 | YES | db | 100.0... | 0.0 | 100 | 185 | 1.251 |
| 146 | PCB 191 | 31.90 | 650032 | 609513 | 1.07 | YES | bb | 50.000 | 0.0 | 100 | | 1.193 |
| 147 | PCB 170 | 32.83 | 459245 | 438053 | 1.05 | YES | bb | 47.491 | -5.0 | 95 | 186 | 1.145 |
| 148 | PCB 190 | 33.39 | 618618 | 595029 | 1.04 | YES | bd | 50.000 | 0.0 | 100 | | 1.149 |
| 149 | PCB 189 | 36.21 | 759971 | 796056 | 0.95 | YES | db | 53.847 | 7.7 | 108 | 187 | 0.980 |
| 150 | PCB 202 | 28.71 | 631051 | 698268 | 0.90 | YES | bb | 69.876 | -6.8 | 93 | 188 | 1.006 |
| 151 | PCB 201 | 29.62 | 761364 | 846540 | 0.90 | YES | bb | 75.000 | 0.0 | 100 | | 1.123 |
| 152 | PCB 204 | 30.32 | 759703 | 843340 | 0.90 | YES | bd | 75.000 | 0.0 | 100 | | 1.120 |
| 153 | PCB 197 | 30.54 | 651091 | 726177 | 0.90 | YES | dd | 75.000 | 0.0 | 100 | | 0.962 |
| 154 | PCB 200 | 30.64 | 767679 | 843339 | 0.91 | YES | db | 75.000 | 0.0 | 100 | | 1.125 |
| 155 | PCB 198/199 | 33.56 | 994783 | 1109688 | 0.90 | YES | bb | 150.0... | 0.0 | 100 | | 0.735 |
| 156 | PCB 196 | 34.29 | 529551 | 578580 | 0.92 | YES | bd | 75.000 | 0.0 | 100 | | 0.774 |
| 157 | PCB 203 | 34.51 | 507982 | 561271 | 0.90 | YES | db | 75.000 | 0.0 | 100 | | 0.747 |
| 158 | PCB 195 | 35.94 | 646059 | 717604 | 0.90 | YES | dd | 75.000 | 0.0 | 100 | | 0.953 |
| 159 | PCB 194 | 38.56 | 704260 | 779616 | 0.90 | YES | bd | 75.000 | 0.0 | 100 | | 1.037 |
| 160 | PCB 205 | 39.10 | 754633 | 820592 | 0.92 | YES | db | 71.561 | -4.6 | 95 | 189 | 1.022 |
| 161 | PCB 208 | 35.69 | 594671 | 750152 | 0.79 | YES | bb | 72.839 | -2.9 | 97 | 190 | 1.051 |
| 162 | PCB 207 | 36.72 | 649154 | 826020 | 0.79 | YES | bb | 75.000 | 0.0 | 100 | | 1.321 |
| 163 | PCB 206 | 41.07 | 419411 | 540566 | 0.78 | YES | bb | 70.081 | -6.6 | 93 | 191 | 1.006 |
| 164 | PCB 209 | 42.92 | 574376 | 481199 | 1.19 | YES | bb | 78.382 | 4.5 | 105 | 192 | 1.070 |
| 165 | PCB 1L | 8.83 | 2896910 | 895722 | 3.23 | YES | bb | 113.3... | 13.3 | 113 | 199 | 0.931 |
| 166 | PCB 3L | 10.01 | 2901035 | 879902 | 3.30 | YES | bd | 112.1... | 12.1 | 112 | 199 | 0.928 |
| 167 | PCB 4L | 10.12 | 954474 | 592084 | 1.61 | YES | bb | 134.8... | 34.8 | 135 | 199 | 0.380 |
| 168 | PCB 15L | 12.71 | 2800459 | 1685012 | 1.66 | YES | ds | 103.4... | 3.5 | 103 | 199 | 1.101 |
| 169 | PCB 19L | 11.49 | 905057 | 852705 | 1.06 | YES | bb | 124.9... | 25.0 | 125 | 199 | 0.431 |
| 170 | PCB 37L | 16.32 | 2276064 | 2072450 | 1.10 | YES | bb | 89.860 | -10.1 | 90 | 200 | 2.349 |
| 171 | PCB 54L | 12.83 | 755073 | 935713 | 0.81 | YES | bb | 120.4... | 20.5 | 120 | 200 | 0.913 |
| 172 | PCB 81L | 20.93 | 1391813 | 1734214 | 0.80 | YES | bd | 90.006 | -10.0 | 90 | 200 | 1.688 |
| 173 | PCB 77L | 21.38 | 1333139 | 1653845 | 0.81 | YES | db | 89.692 | -10.3 | 90 | 200 | 1.613 |
| 174 | PCB 104L | 15.60 | 1055802 | 660921 | 1.60 | YES | bb | 111.8... | 11.9 | 112 | 201 | 1.081 |
| 175 | PCB 123L | 23.00 | 1983973 | 1200537 | 1.65 | YES | dd | 87.484 | -12.5 | 87 | 201 | 2.006 |
| 176 | PCB 118L | 23.27 | 1904028 | 1143937 | 1.66 | YES | dd | 87.156 | -12.8 | 87 | 201 | 1.920 |
| 177 | PCB 114L | 23.75 | 1787567 | 1072932 | 1.67 | YES | db | 87.939 | -12.1 | 88 | 201 | 1.802 |
| 178 | PCB 105L | 24.29 | 1846960 | 1111050 | 1.66 | YES | bb | 88.154 | -11.8 | 88 | 201 | 1.863 |
| 179 | PCB 126L | 27.11 | 1806282 | 1098727 | 1.64 | YES | bb | 88.117 | -11.9 | 88 | 201 | 1.830 |
| 180 | PCB 155L | 19.21 | 1075813 | 847175 | 1.27 | YES | bb | 110.5... | 10.5 | 111 | 202 | 1.167 |

Quantify Sample Summary Report

Acquired Date

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Last Altered: Thursday, December 08, 2016 3:20:10 PM

Printed: Thursday, December 08, 2016 3:21:38 PM

ID:

Date: 07-Dec-2016

Time: 18:06:22

Instrument:

Description: 209MIX_PCB 150822CXU

| # | Name | RT | Area | Sec.Area | Ion Ra... | Ratio Fl... | Flags | pg/ul | %Dev | %Rec | IS# | RRF |
|-----|-------------------------|-------|---------|----------|-----------|-------------|-------|----------|-------|------|-----|---------|
| 181 | PCB 167L | 28.93 | 1821749 | 1386978 | 1.31 | YES | db | 85.872 | -14.1 | 86 | 202 | 1.948 |
| 182 | PCB 156L/157L | 30.08 | 3280316 | 2504245 | 1.31 | YES | bb | 169.2... | -15.4 | 85 | 202 | 1.756 |
| 183 | PCB 169L | 33.44 | 1747598 | 1330043 | 1.31 | YES | bb | 87.211 | -12.8 | 87 | 202 | 1.868 |
| 184 | PCB 188L | 23.71 | 1008752 | 952413 | 1.06 | YES | bb | 107.9... | 7.9 | 108 | 202 | 1.191 |
| 185 | PCB 180L | 31.51 | 898347 | 846623 | 1.06 | YES | bb | 101.0... | 1.0 | 101 | 203 | 1.232 |
| 186 | PCB 170L | 32.80 | 805722 | 761455 | 1.06 | YES | bb | 101.2... | 1.2 | 101 | 203 | 1.106 |
| 187 | PCB 189L | 36.18 | 1643374 | 1530824 | 1.07 | YES | db | 92.482 | -7.5 | 92 | 203 | 2.240 |
| 188 | PCB 202L | 28.69 | 838354 | 923671 | 0.91 | YES | bd | 104.4... | 4.5 | 104 | 203 | 1.244 |
| 189 | PCB 205L | 39.05 | 977733 | 1077416 | 0.91 | YES | bb | 98.168 | -1.8 | 98 | 203 | 1.451 |
| 190 | PCB 208L | 35.67 | 752610 | 953862 | 0.79 | YES | bb | 103.9... | 3.9 | 104 | 203 | 1.204 |
| 191 | PCB 206L | 41.05 | 559284 | 712591 | 0.79 | YES | bb | 110.2... | 10.3 | 110 | 203 | 0.898 |
| 192 | PCB 209L | 42.90 | 716287 | 598865 | 1.20 | YES | bb | 122.9... | 23.0 | 123 | 203 | 0.928 |
| 193 | PCB 28L | 14.13 | 2437146 | 2237569 | 1.09 | YES | dd | 90.824 | -9.2 | 91 | 200 | 2.525 |
| 194 | PCB 111L | 21.38 | 1299789 | 810304 | 1.60 | YES | bb | 99.781 | -0.2 | 100 | 201 | 1.329 |
| 195 | PCB 178L | 26.44 | 622832 | 587752 | 1.06 | YES | bb | 112.9... | 13.0 | 113 | 202 | 0.735 |
| 196 | PCB 31L | 13.98 | 2337868 | 2138945 | 1.09 | YES | dd | 87.127 | -12.9 | 87 | 200 | 2.418 |
| 197 | PCB 95L | 17.37 | 930036 | 576352 | 1.61 | YES | bb | 98.104 | -1.9 | 98 | 201 | 0.949 |
| 198 | PCB 153L | 24.90 | 1090125 | 843319 | 1.29 | YES | bb | 98.589 | -1.4 | 99 | 202 | 1.174 |
| 199 | PCB 9L | 11.01 | 2537624 | 1536769 | 1.65 | YES | bs | 100.0... | 0.0 | 100 | 0 | 4074... |
| 200 | PCB 52L | 15.06 | 825719 | 1025818 | 0.81 | YES | bb | 100.0... | 0.0 | 100 | 0 | 1851... |
| 201 | PCB 101L | 19.35 | 983593 | 603934 | 1.63 | YES | bb | 100.0... | 0.0 | 100 | 0 | 1587... |
| 202 | PCB 138L | 26.04 | 934637 | 712495 | 1.31 | YES | bb | 100.0... | 0.0 | 100 | 0 | 1647... |
| 203 | PCB 194L | 38.54 | 679915 | 736904 | 0.92 | YES | bb | 100.0... | 0.0 | 100 | 0 | 1416... |
| 204 | Total MoCB F1 | | | | | | | 79.052 | | | 165 | |
| 205 | Total MoCB labeled... | | | | | | | 225.6... | | | 199 | |
| 206 | Total DiCB F1 | | | | | | | 49.250 | | | 167 | |
| 207 | Total DiCB labeled F1 | | | | | | | 134.8... | | | 199 | |
| 208 | Total DiCB F2 | | | | | | | 256.0... | | | 168 | |
| 209 | Total DiCB labeled F2 | | | | | | | 203.4... | | | 199 | |
| 210 | Total TriCB F2 | | | | | | | 199.5... | | | 169 | |
| 211 | Total TriCB labeled ... | | | | | | | 126.6... | | | 199 | |
| 212 | Total TriCB F3 | | | | | | | 409.6... | | | 170 | |
| 213 | Total TriCB labeled ... | | | | | | | 269.8... | | | 200 | |
| 214 | Total TeCB F2 | | | | | | | 54.296 | | | 171 | |
| 215 | Total TeCB labeled ... | | | | | | | 120.4... | | | 200 | |
| 216 | Total TeCB F3 | | | | | | | 1100.... | | | 171 | |
| 217 | Total TeCB labeled ... | | | | | | | 100.0... | | | 200 | |
| 218 | Total TeCB F4 | | | | | | | 969.4... | | | 172 | |
| 219 | Total TeCB labeled ... | | | | | | | 182.5... | | | 200 | |
| 220 | Total PeCB F3 | | | | | | | 96.912 | | | 174 | |
| 221 | Total PeCB labeled ... | | | | | | | 111.8... | | | 201 | |
| 222 | Total PeCB F4 | | | | | | | 1654... | | | 175 | |
| 223 | Total PeCB labeled ... | | | | | | | 297.8... | | | 201 | |
| 224 | Total PeCB F5 | | | | | | | 599.8... | | | 175 | |
| 225 | Total PeCB labeled ... | | | | | | | 440.3... | | | 201 | |
| 226 | Total HxCB F4 | | | | | | | 498.4... | | | 180 | |

Quantify Sample Summary Report

Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B_209MIX_Test.qld

Last Altered: Thursday, December 08, 2016 3:20:10 PM

Printed: Thursday, December 08, 2016 3:21:38 PM

ID:

Date: 07-Dec-2016

Time: 18:06:22

Instrument:

Description: 209MIX_PCB 150822CXU

| # | Name | RT | Area | Sec.Area | Ion.Ra. | Ratio Fl. | Flags | pg/ul | %Dev | %Rec | IS# | RRF |
|-----|------------------------|----|------|----------|---------|-----------|-------|----------|------|------|-----|-----|
| 227 | Total HxCB labeled ... | | | | | | | 110.5... | | | 202 | |
| 228 | Total HxCB F5 | | | | | | | 1302... | | | 181 | |
| 229 | Total HxCB labeled ... | | | | | | | 198.5... | | | 202 | |
| 230 | Total HxCB F6 | | | | | | | 352.3... | | | 181 | |
| 231 | Total HxCB labeled ... | | | | | | | 344.2... | | | 202 | |
| 232 | Total HpCB F5 | | | | | | | 448.2... | | | 184 | |
| 233 | Total HpCB labeled ... | | | | | | | 221.8... | | | 203 | |
| 234 | Total HpCB F6 | | | | | | | 711.3... | | | 185 | |
| 235 | Total HpCB labeled ... | | | | | | | 202.6... | | | 203 | |
| 236 | Total HpCB F7 | | | | | | | 63.805 | | | 187 | |
| 237 | Total HpCB labeled ... | | | | | | | 98.438 | | | 203 | |
| 238 | Total OcCB F6 | | | | | | | 669.8... | | | 188 | |
| 239 | Total OcCB labeled ... | | | | | | | 104.4... | | | 203 | |
| 240 | Total OcCB F7 | | | | | | | 227.4... | | | 189 | |
| 241 | Total OcCB labeled ... | | | | | | | 198.1... | | | 203 | |
| 242 | Total NoCB F7 | | | | | | | 218.8... | | | 190 | |
| 243 | Total NoCB labeled ... | | | | | | | 215.2... | | | 203 | |
| 244 | Total DeCB F7 | | | | | | | 78.382 | | | 192 | |
| 245 | Total DeCB labeled ... | | | | | | | 122.9... | | | 203 | |
| 246 | lockmass F1 | | | | | | | | | | 0 | |
| 247 | lockmass F2 | | | | | | | | | | 0 | |
| 248 | lockmass F3 | | | | | | | | | | 0 | |
| 249 | lockmass F4 | | | | | | | | | | 0 | |
| 250 | lockmass F5 | | | | | | | | | | 0 | |
| 251 | lockmass F6 | | | | | | | | | | 0 | |
| 252 | lockmass F7 | | | | | | | | | | 0 | |

Quantify Audit Report

Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B_209MIX_Test.qld

Last Altered: Thursday, December 08, 2016 3:20:10 PM

Printed: Thursday, December 08, 2016 3:21:29 PM

| Date | Time | Event | RT | Details | Comments |
|-----------|----------|-----------------------|--------|--|----------|
| 08-Dec-16 | 15:09:47 | Process Integrate | | | |
| 08-Dec-16 | 15:09:47 | Process Calibrate | | | |
| 08-Dec-16 | 15:09:48 | Process Quantify | | | |
| 08-Dec-16 | 15:09:48 | Dataset Created | | | |
| 08-Dec-16 | 15:10:04 | Dataset Saved | | Saved to 'M:\ULTIMA 2\PCB_QLD\M2161207B_... | |
| 08-Dec-16 | 15:11:58 | Pre modification peak | 11.372 | Sample:M2161207B02, Compound:Total DiCB ... | |
| 08-Dec-16 | 15:11:58 | Peak modified | 11.372 | Sample:M2161207B02, Compound:Total DiCB ... | m1bv |
| 08-Dec-16 | 15:11:58 | Peak added | 11.311 | Sample:M2161207B02, Compound:Total DiCB ... | m1bv |
| 08-Dec-16 | 15:11:58 | Pre modification peak | 11.372 | Sample:M2161207B02, Compound:Total DiCB ... | |
| 08-Dec-16 | 15:11:58 | Peak modified | 11.372 | Sample:M2161207B02, Compound:Total DiCB ... | m1bv |
| 08-Dec-16 | 15:11:58 | Peak added | 11.311 | Sample:M2161207B02, Compound:Total DiCB ... | m1bv |
| 08-Dec-16 | 15:13:48 | Pre modification peak | 12.626 | Sample:M2161207B02, Compound:Total TriCB ... | |
| 08-Dec-16 | 15:13:48 | Peak modified | 12.626 | Sample:M2161207B02, Compound:Total TriCB ... | m1bv |
| 08-Dec-16 | 15:13:48 | Peak added | 12.687 | Sample:M2161207B02, Compound:Total TriCB ... | m1bv |
| 08-Dec-16 | 15:13:48 | Pre modification peak | 12.626 | Sample:M2161207B02, Compound:Total TriCB ... | |
| 08-Dec-16 | 15:13:48 | Peak modified | 12.626 | Sample:M2161207B02, Compound:Total TriCB ... | m1bv |
| 08-Dec-16 | 15:13:48 | Peak added | 12.687 | Sample:M2161207B02, Compound:Total TriCB ... | m1bv |
| 08-Dec-16 | 15:14:35 | Dataset Saved | | Saved to 'M:\ULTIMA 2\PCB_QLD\M2161207B_... | |
| 08-Dec-16 | 15:15:10 | Pre modification peak | 15.150 | Sample:M2161207B02, Compound:Total TeCB ... | |
| 08-Dec-16 | 15:15:10 | Peak modified | 15.150 | Sample:M2161207B02, Compound:Total TeCB ... | m3bv |
| 08-Dec-16 | 15:15:10 | Pre modification peak | 15.064 | Sample:M2161207B02, Compound:Total TeCB ... | |
| 08-Dec-16 | 15:15:10 | Peak modified | 15.064 | Sample:M2161207B02, Compound:Total TeCB ... | m3bv |
| 08-Dec-16 | 15:16:11 | Pre modification peak | 17.029 | Sample:M2161207B02, Compound:Total TeCB ... | |
| 08-Dec-16 | 15:16:11 | Peak modified | 17.029 | Sample:M2161207B02, Compound:Total TeCB ... | m3bv |
| 08-Dec-16 | 15:16:11 | Pre modification peak | 16.841 | Sample:M2161207B02, Compound:Total TeCB ... | |
| 08-Dec-16 | 15:16:11 | Peak modified | 16.841 | Sample:M2161207B02, Compound:Total TeCB ... | m3bv |
| 08-Dec-16 | 15:16:11 | Pre modification peak | 17.029 | Sample:M2161207B02, Compound:Total TeCB ... | |
| 08-Dec-16 | 15:16:11 | Peak modified | 17.029 | Sample:M2161207B02, Compound:Total TeCB ... | m3bv |
| 08-Dec-16 | 15:16:11 | Pre modification peak | 16.841 | Sample:M2161207B02, Compound:Total TeCB ... | |
| 08-Dec-16 | 15:16:11 | Peak modified | 16.841 | Sample:M2161207B02, Compound:Total TeCB ... | m3bv |
| 08-Dec-16 | 15:16:34 | Dataset Saved | | Saved to 'M:\ULTIMA 2\PCB_QLD\M2161207B_... | |
| 08-Dec-16 | 15:17:09 | Pre modification peak | 20.745 | Sample:M2161207B02, Compound:Total PeCB ... | |
| 08-Dec-16 | 15:17:09 | Peak modified | 20.745 | Sample:M2161207B02, Compound:Total PeCB ... | m3bv |
| 08-Dec-16 | 15:17:09 | Peak deleted | 20.592 | Sample:M2161207B02, Compound:Total PeCB ... | m3bv |
| 08-Dec-16 | 15:17:09 | Peak deleted | 20.984 | Sample:M2161207B02, Compound:Total PeCB ... | m3bv |
| 08-Dec-16 | 15:17:09 | Pre modification peak | 20.865 | Sample:M2161207B02, Compound:Total PeCB ... | |
| 08-Dec-16 | 15:17:09 | Peak modified | 20.865 | Sample:M2161207B02, Compound:Total PeCB ... | m3bv |
| 08-Dec-16 | 15:17:09 | Pre modification peak | 20.763 | Sample:M2161207B02, Compound:Total PeCB ... | |
| 08-Dec-16 | 15:17:09 | Peak modified | 20.763 | Sample:M2161207B02, Compound:Total PeCB ... | m3bv |
| 08-Dec-16 | 15:17:09 | Peak deleted | 20.558 | Sample:M2161207B02, Compound:Total PeCB ... | m3bv |
| 08-Dec-16 | 15:18:20 | Pre modification peak | 22.573 | Sample:M2161207B02, Compound:Total HxCB ... | |
| 08-Dec-16 | 15:18:20 | Peak modified | 22.573 | Sample:M2161207B02, Compound:Total HxCB ... | m1bv |
| 08-Dec-16 | 15:18:20 | Peak added | 22.318 | Sample:M2161207B02, Compound:Total HxCB ... | m1bv |
| 08-Dec-16 | 15:18:20 | Pre modification peak | 22.573 | Sample:M2161207B02, Compound:Total HxCB ... | |
| 08-Dec-16 | 15:18:20 | Peak modified | 22.573 | Sample:M2161207B02, Compound:Total HxCB ... | m1bv |
| 08-Dec-16 | 15:18:20 | Peak added | 22.318 | Sample:M2161207B02, Compound:Total HxCB ... | m1bv |
| 08-Dec-16 | 15:20:07 | Pre modification peak | 28.011 | Sample:M2161207B02, Compound:Total HpCB ... | |
| 08-Dec-16 | 15:20:07 | Peak modified | 28.011 | Sample:M2161207B02, Compound:Total HpCB ... | m1bv |
| 08-Dec-16 | 15:20:07 | Pre modification peak | 28.147 | Sample:M2161207B02, Compound:Total HpCB ... | |
| 08-Dec-16 | 15:20:07 | Peak modified | 28.147 | Sample:M2161207B02, Compound:Total HpCB ... | m1bv |
| 08-Dec-16 | 15:20:07 | Peak added | 27.926 | Sample:M2161207B02, Compound:Total HpCB ... | m1bv |
| 08-Dec-16 | 15:20:07 | Pre modification peak | 28.147 | Sample:M2161207B02, Compound:Total HpCB ... | |

Quantify Audit Report

Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B_209MIX_Test.qld

Last Altered: Thursday, December 08, 2016 3:20:10 PM

Printed: Thursday, December 08, 2016 3:21:29 PM

| Date | Time | Event | RT | Details | Comments |
|-----------|----------|-----------------------|--------|---|----------|
| 08-Dec-16 | 15:20:07 | Peak modified | 28.147 | Sample:M2161207B02, Compound:Total HpCB ... | m1bv |
| 08-Dec-16 | 15:20:07 | Pre modification peak | 28.028 | Sample:M2161207B02, Compound:Total HpCB ... | |
| 08-Dec-16 | 15:20:07 | Peak modified | 28.028 | Sample:M2161207B02, Compound:Total HpCB ... | m1bv |
| 08-Dec-16 | 15:20:07 | Peak added | 27.926 | Sample:M2161207B02, Compound:Total HpCB ... | m1bv |
| 08-Dec-16 | 15:21:00 | Dataset Saved | | Saved to 'M:\ULTIMA 2\PCB_QLD\M2161207B_... | |
| 08-Dec-16 | 15:21:11 | Calibration Saved | | Saved to 'C:\MassLynx\Default.pro\Curvedb\m2... | |
| 08-Dec-16 | 15:21:12 | Dataset Saved | | Saved to 'M:\ULTIMA 2\PCB_QLD\M2161207B_... | |

Quantify Sample Report

Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B_209MIX_Test.qld

Last Altered: Thursday, December 08, 2016 3:20:10 PM

Printed: Thursday, December 08, 2016 3:21:21 PM

Method: C:\MassLynx\Default.PRO\MethDB\EPA 1668_M2161207B.mdb 08 Dec 2016 15:09:38

Calibration: C:\MassLynx\Default.pro\Curvedb\m2161207B_209.cdb 08 Dec 2016 15:20:10

ID:

Description: 209MIX_PCB 150822CXU

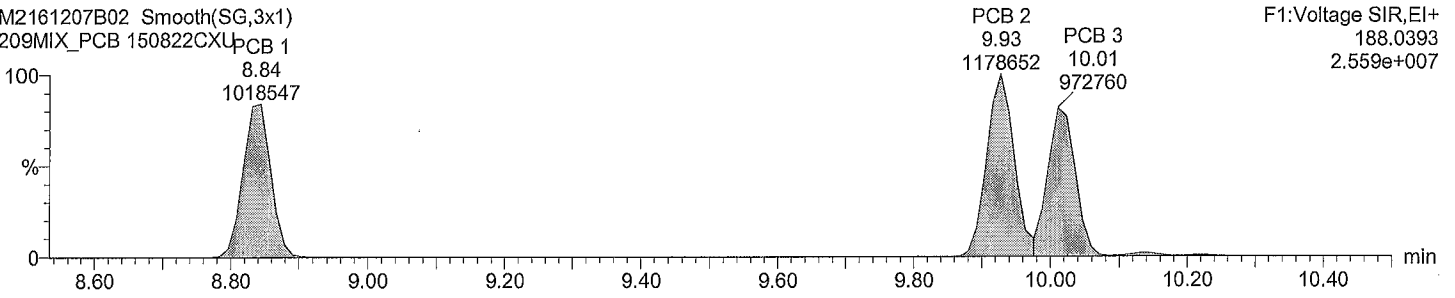
Vial: 2

Date: 07-Dec-2016

Time: 18:06:22

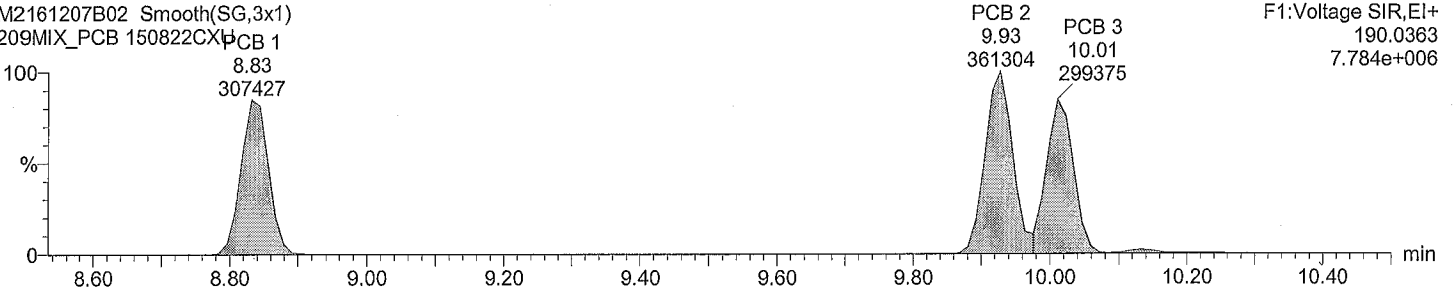
Total MoCB F1

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU



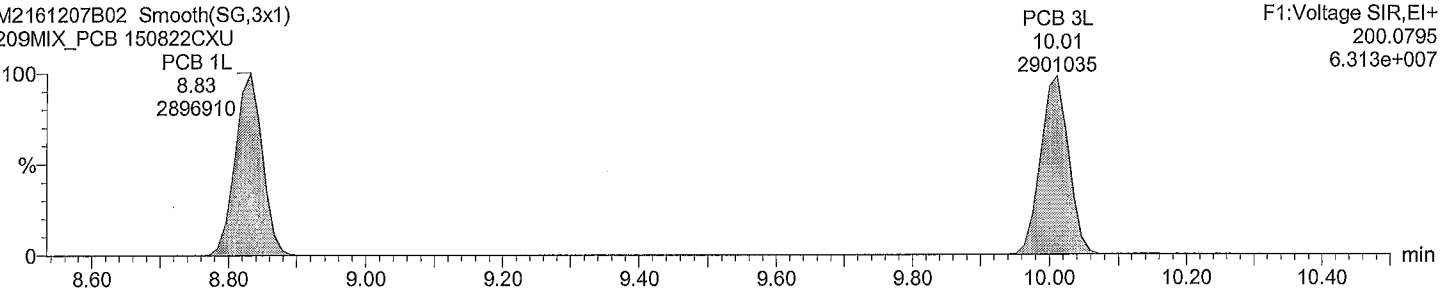
Total MoCB F1

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU



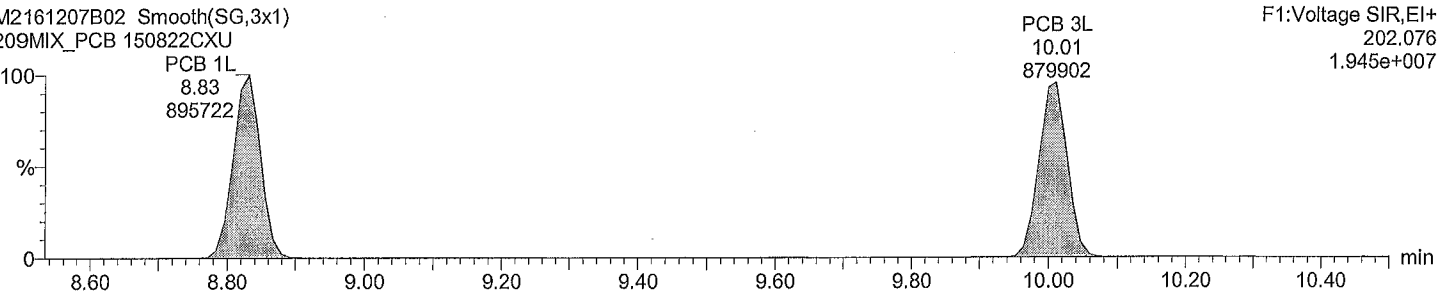
Total MoCB labeled F1

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU



Total MoCB labeled F1

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU



Quantify Sample Report

Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B_209MIX_Test.qld

Last Altered: Thursday, December 08, 2016 3:20:10 PM

Printed: Thursday, December 08, 2016 3:21:21 PM

ID:

Description: 209MIX_PCB 150822CXU

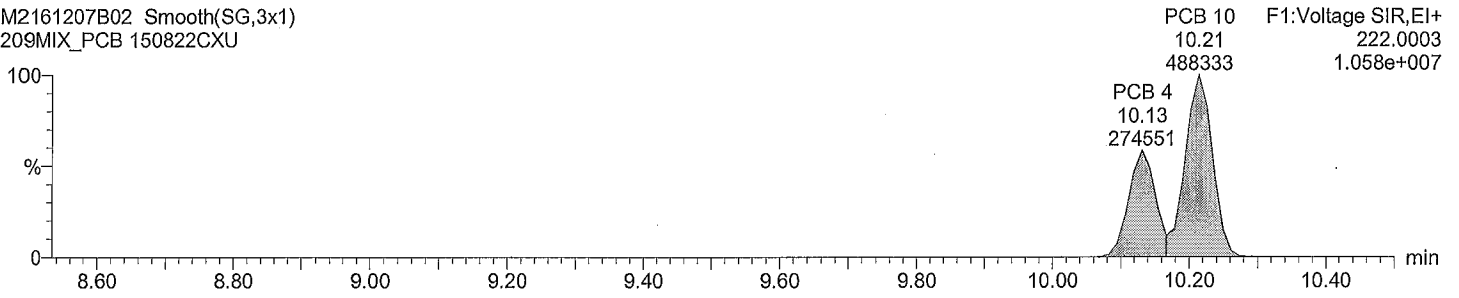
Vial: 2

Date: 07-Dec-2016

Time: 18:06:22

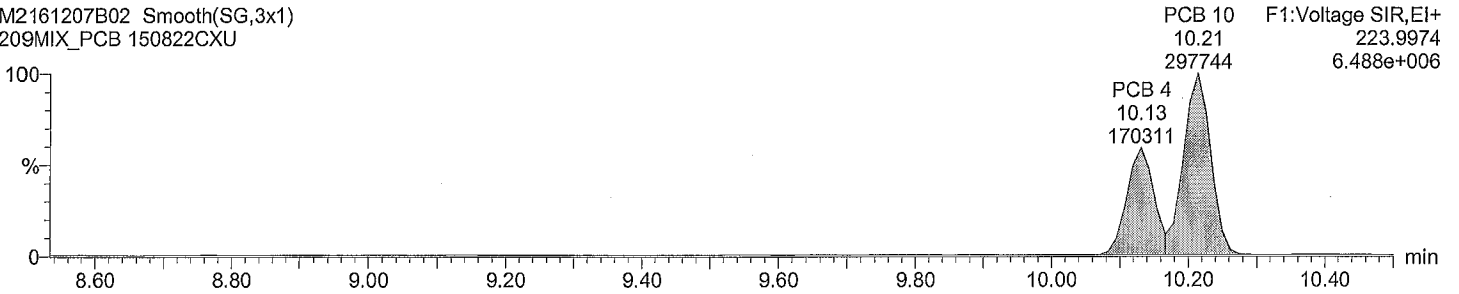
Total DiCB F1

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU



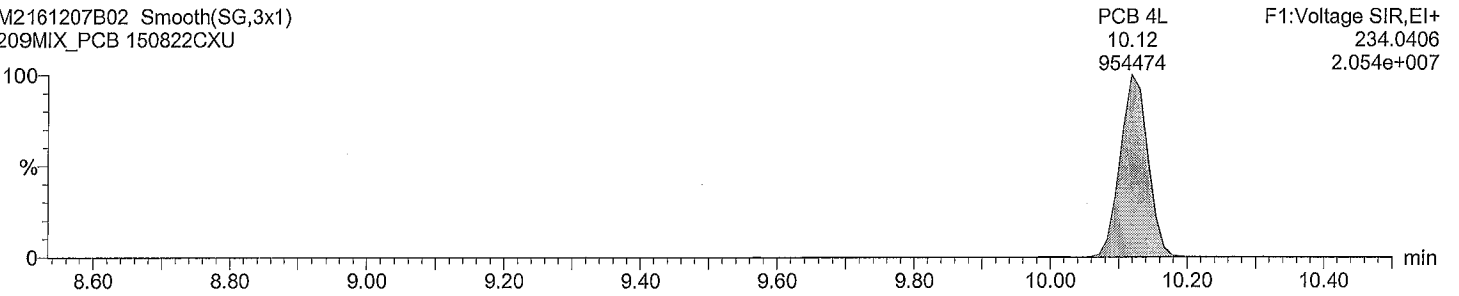
Total DiCB F1

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU



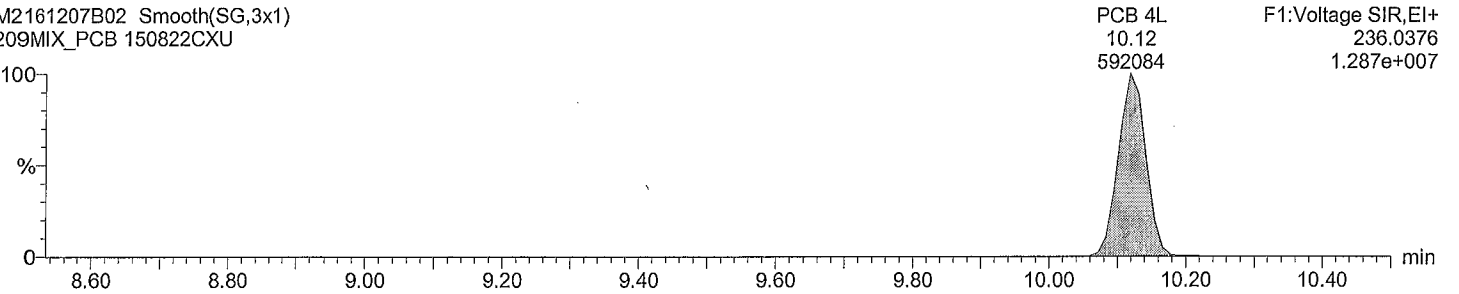
Total DiCB labeled F1

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU



Total DiCB labeled F1

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU



Quantify Sample Report

Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B_209MIX_Test.qld

Last Altered: Thursday, December 08, 2016 3:20:10 PM

Printed: Thursday, December 08, 2016 3:21:21 PM

ID:

Description: 209MIX_PCB 150822CXU

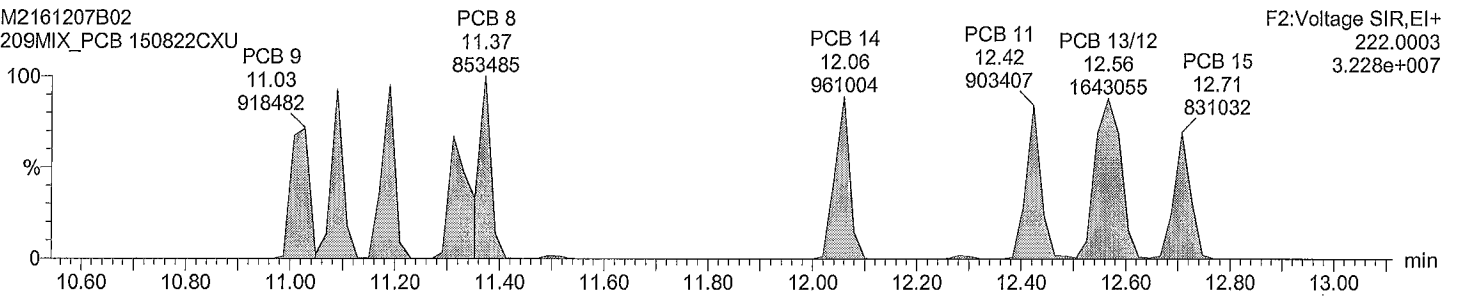
Vial: 2

Date: 07-Dec-2016

Time: 18:06:22

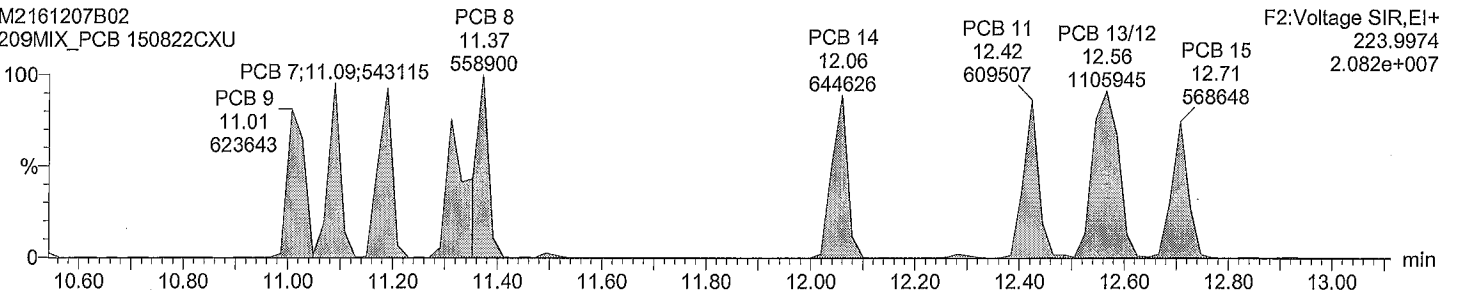
Total DiCB F2

M2161207B02
209MIX_PCB 150822CXU



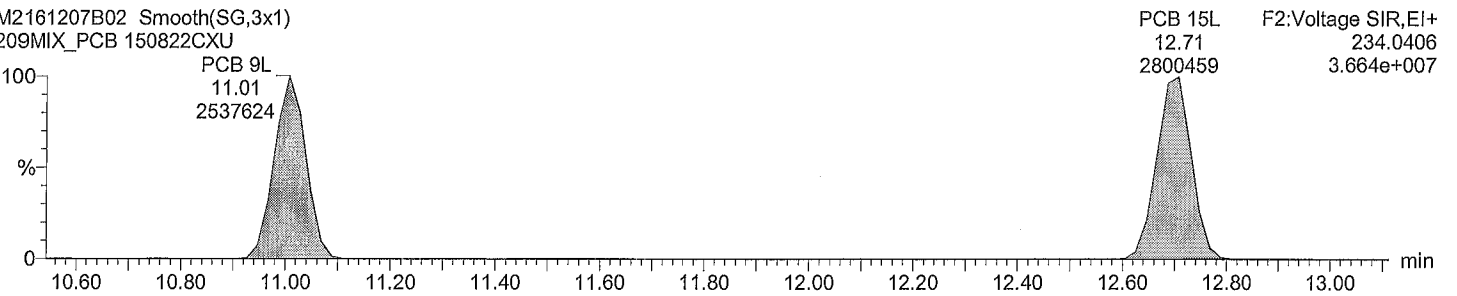
Total DiCB F2

M2161207B02
209MIX_PCB 150822CXU



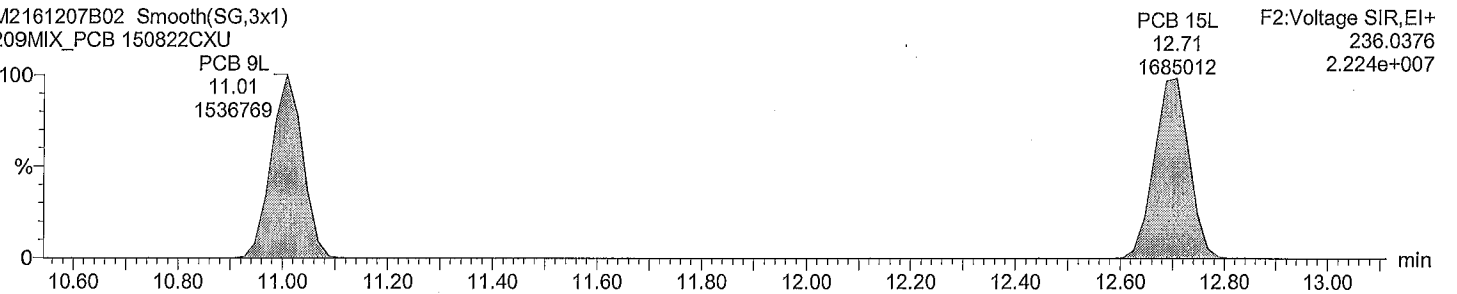
Total DiCB labeled F2

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU



Total DiCB labeled F2

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU



Quantify Sample Report

Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLDM2161207B_209MIX_Test.qld

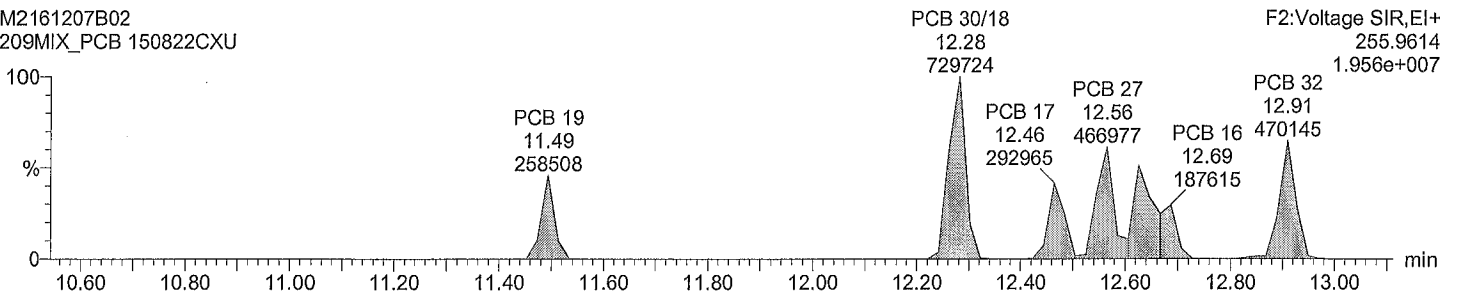
Last Altered: Thursday, December 08, 2016 3:20:10 PM

Printed: Thursday, December 08, 2016 3:21:21 PM

ID:
Description: 209MIX_PCB 150822CXU
Vial: 2
Date: 07-Dec-2016
Time: 18:06:22

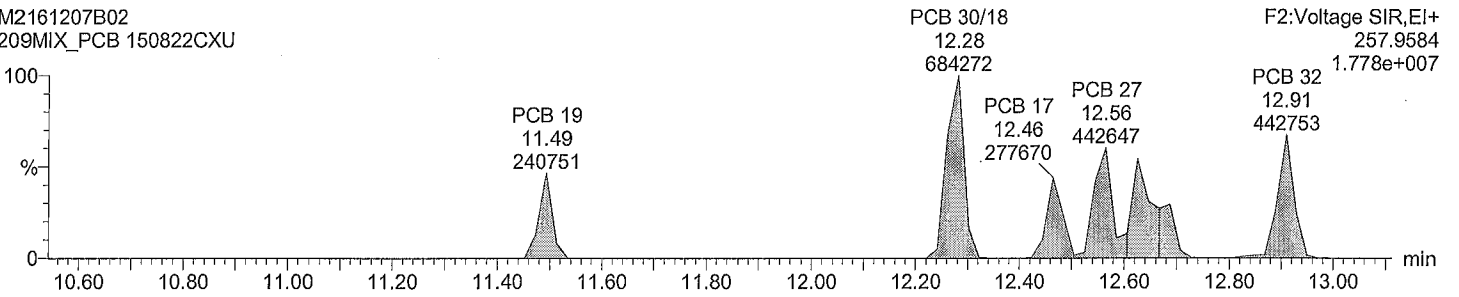
Total TriCB F2

M2161207B02
209MIX_PCB 150822CXU



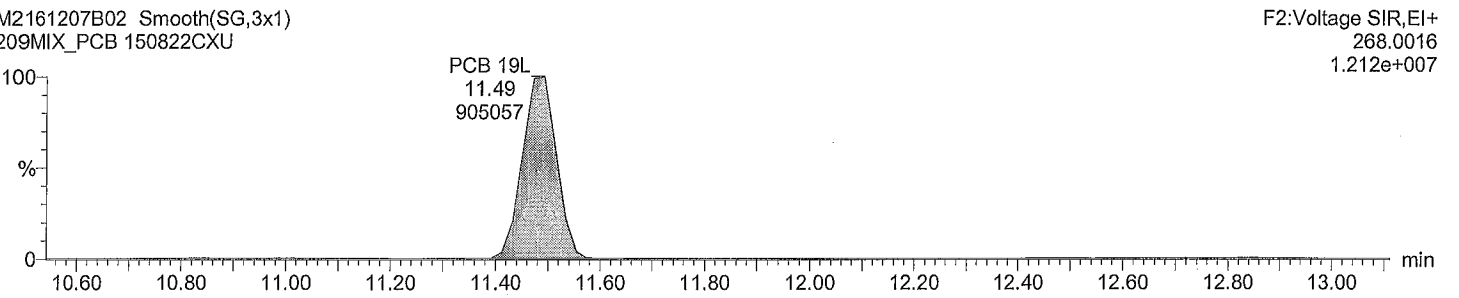
Total TriCB F2

M2161207B02
209MIX_PCB 150822CXU



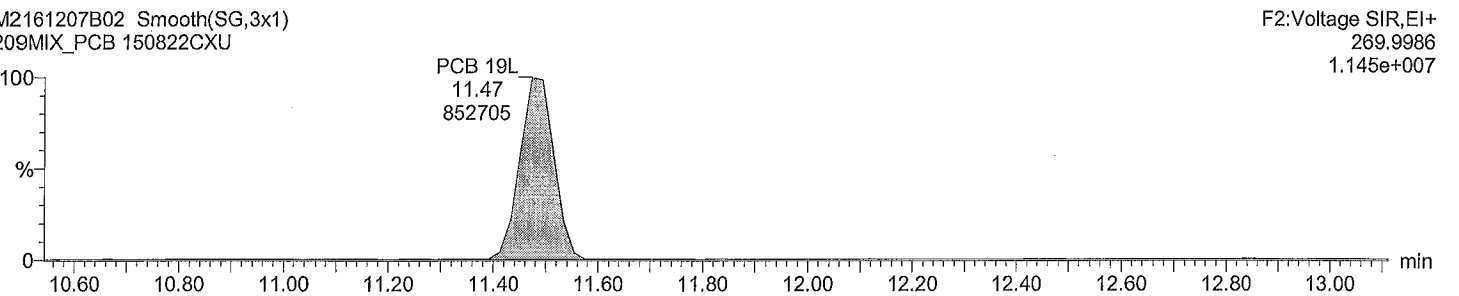
Total TriCB labeled F2

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU



Total TriCB labeled F2

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU



Quantify Sample Report

Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B_209MIX_Test.qld

Last Altered: Thursday, December 08, 2016 3:20:10 PM

Printed: Thursday, December 08, 2016 3:21:21 PM

ID:

Description: 209MIX_PCB 150822CXU

Vial: 2

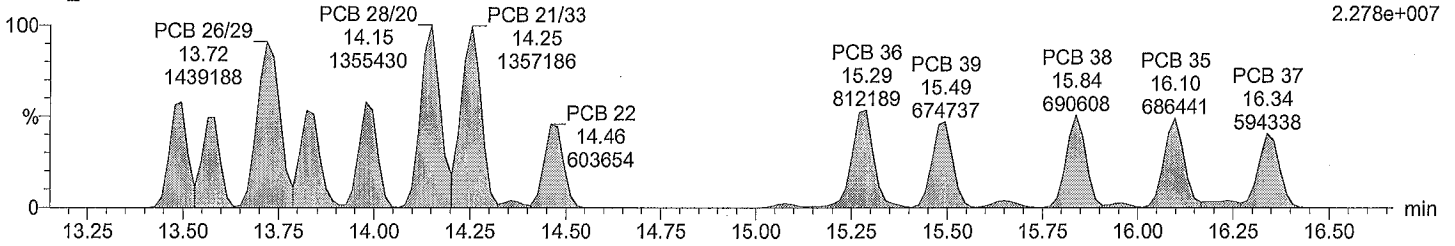
Date: 07-Dec-2016

Time: 18:06:22

Total TriCB F3

M2161207B02 Smooth(SG,1x1)
209MIX_PCB 150822CXU

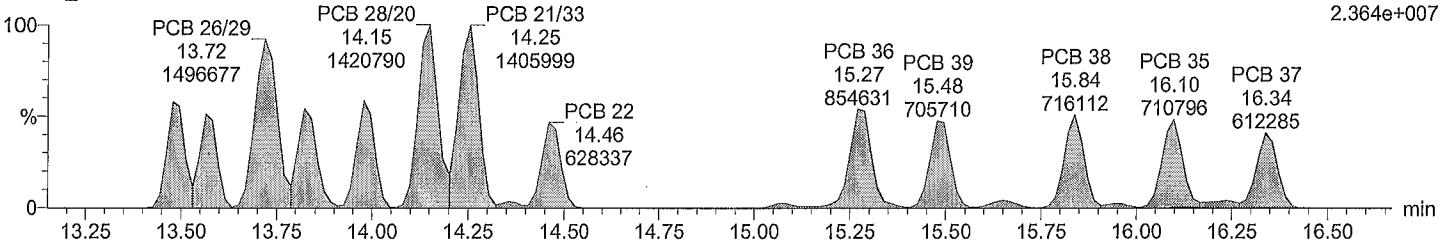
F3:Voltage SIR,EI+
255.9614
2.278e+007



Total TriCB F3

M2161207B02 Smooth(SG,1x1)
209MIX_PCB 150822CXU

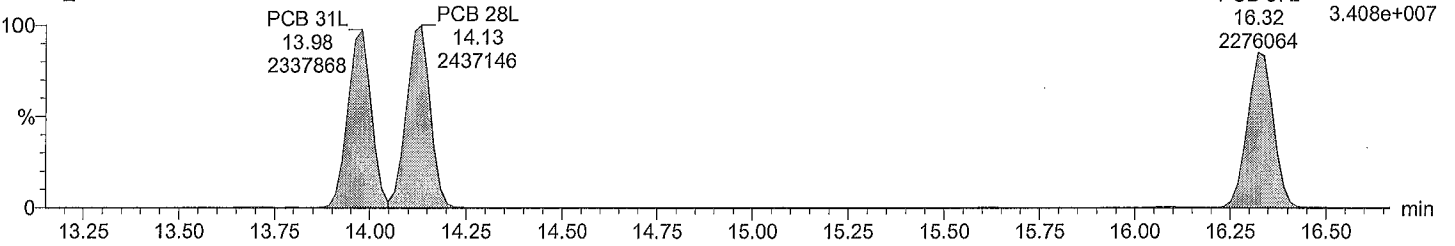
F3:Voltage SIR,EI+
257.9584
2.364e+007



Total TriCB labeled F3

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU

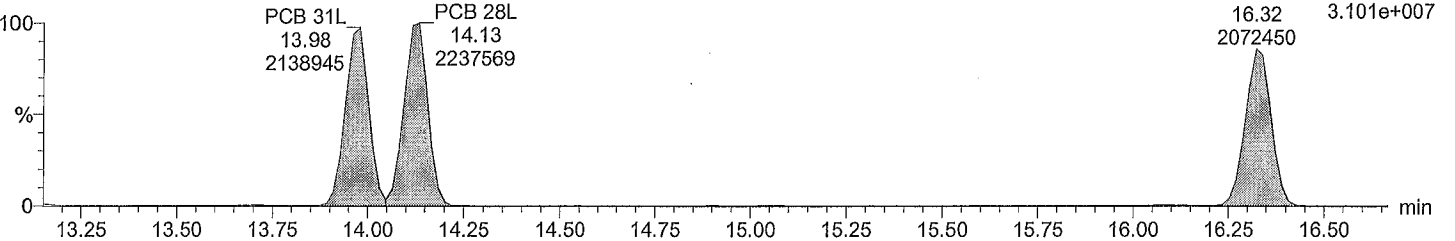
F3:Voltage SIR,EI+
PCB 37L 268.0016
16.32 3.408e+007
2276064



Total TriCB labeled F3

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU

F3:Voltage SIR,EI+
PCB 37L 269.9986
16.32 3.101e+007
2072450



Quantify Sample Report

Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLDM2161207B_209MIX_Test.qld

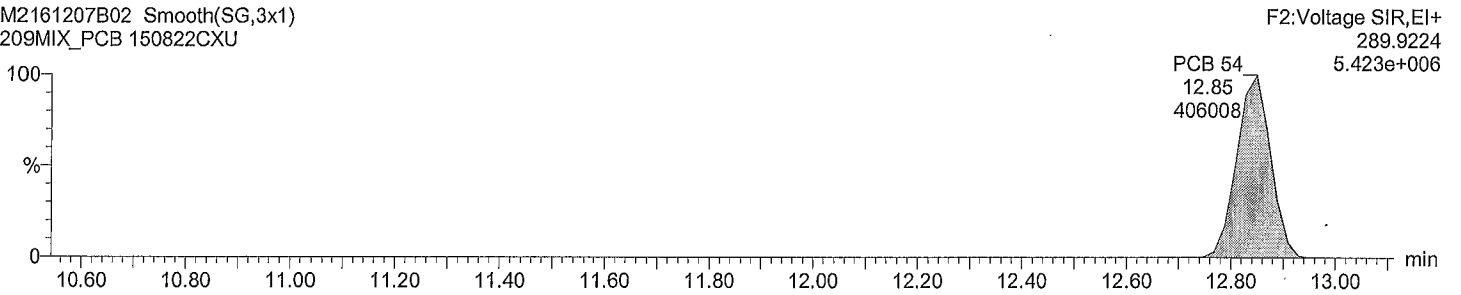
Last Altered: Thursday, December 08, 2016 3:20:10 PM

Printed: Thursday, December 08, 2016 3:21:21 PM

ID:
Description: 209MIX_PCB 150822CXU
Vial: 2
Date: 07-Dec-2016
Time: 18:06:22

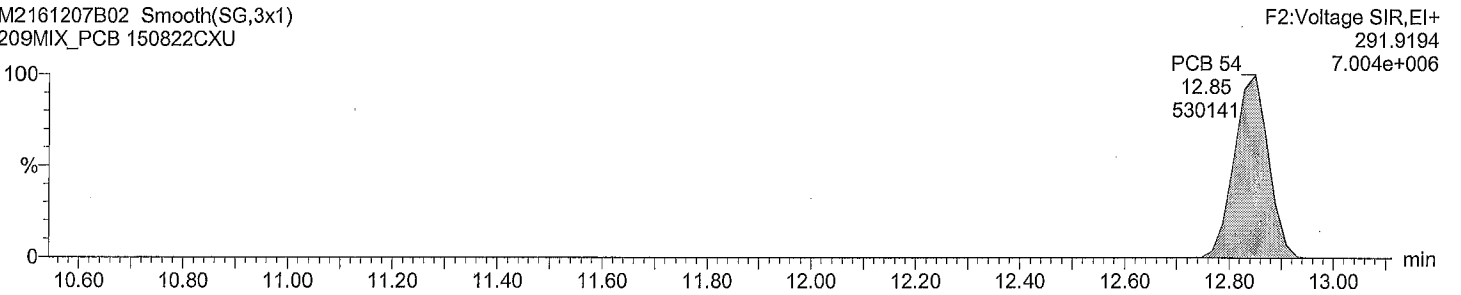
Total TeCB F2

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU



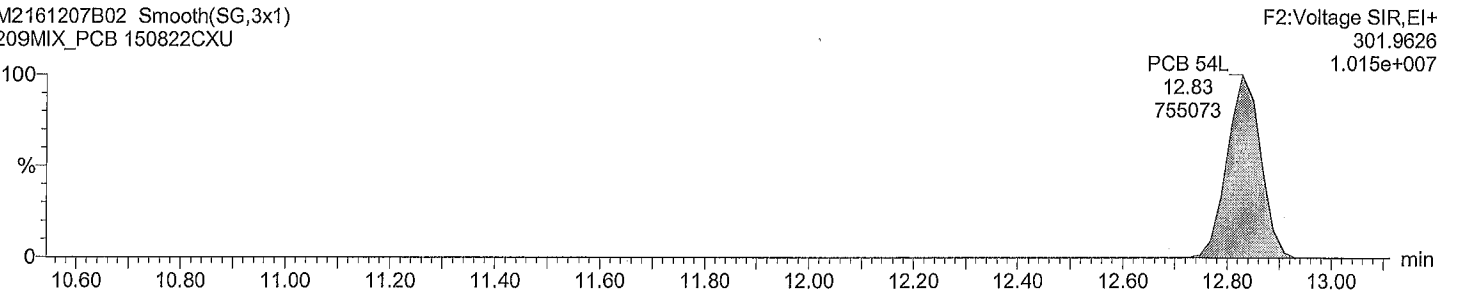
Total TeCB F2

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU



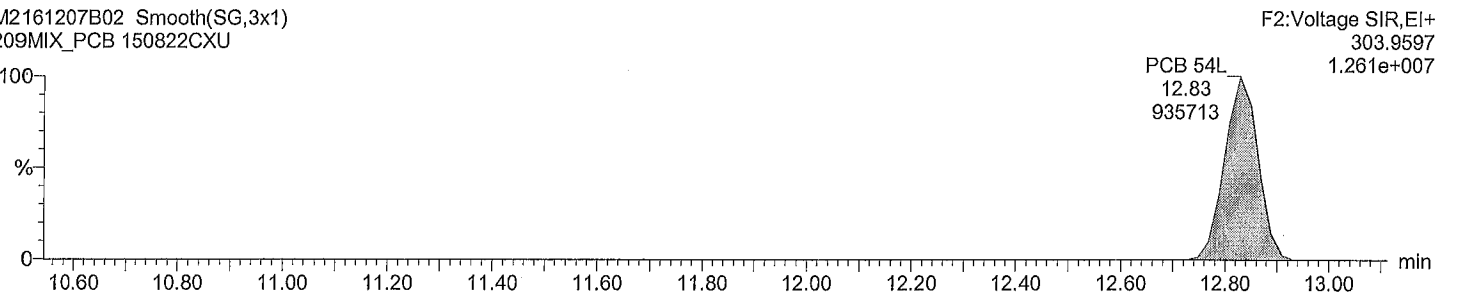
Total TeCB labeled F2

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU



Total TeCB labeled F2

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU



Quantify Sample Report

Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLDM2161207B_209MIX_Test.qld

Last Altered: Thursday, December 08, 2016 3:20:10 PM

Printed: Thursday, December 08, 2016 3:21:21 PM

ID:

Description: 209MIX_PCB 150822CXU

Vial: 2

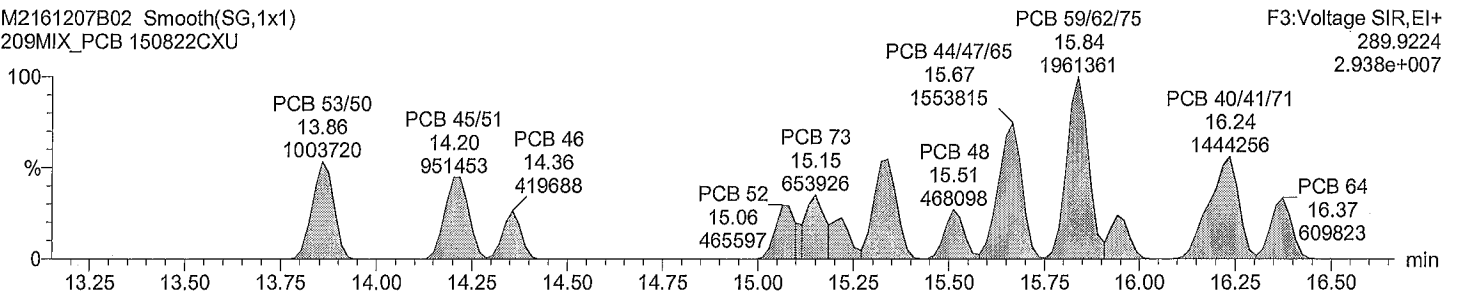
Date: 07-Dec-2016

Time: 18:06:22

Total TeCB F3

M2161207B02 Smooth(SG,1x1)
209MIX_PCB 150822CXU

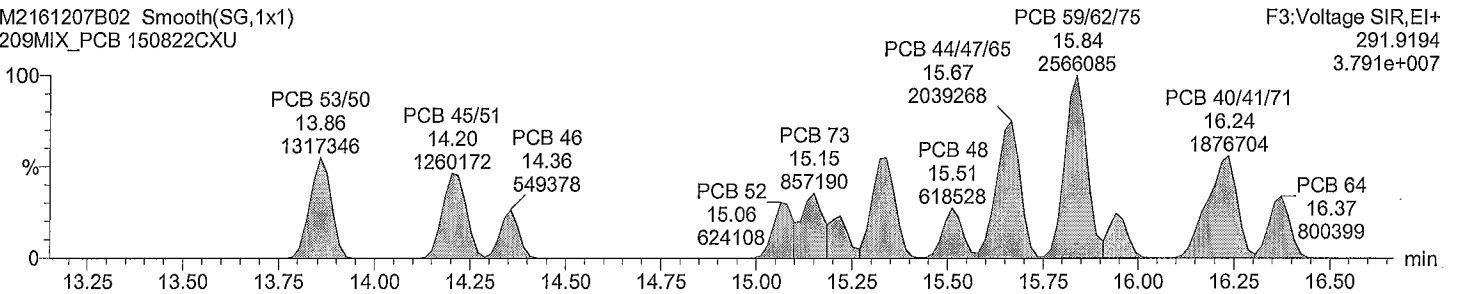
F3:Voltage SIR,EI+
289.9224
2.938e+007



Total TeCB F3

M2161207B02 Smooth(SG,1x1)
209MIX_PCB 150822CXU

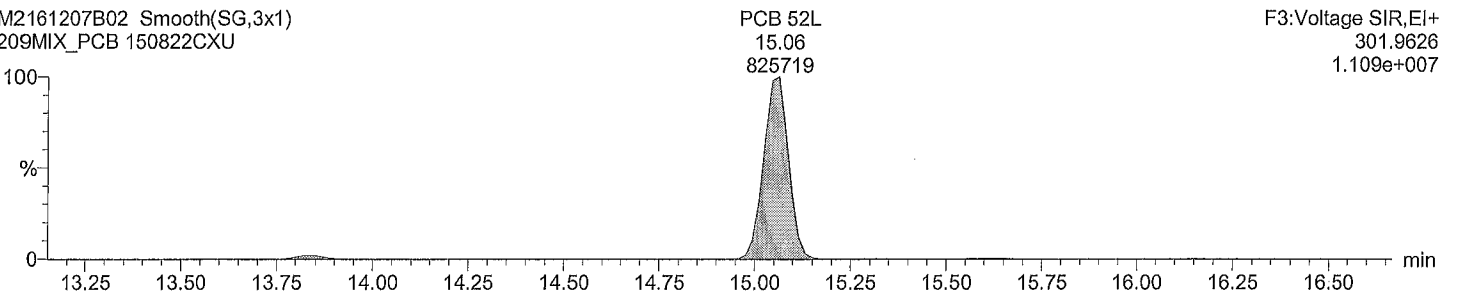
F3:Voltage SIR,EI+
291.9194
3.791e+007



Total TeCB labeled F3

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU

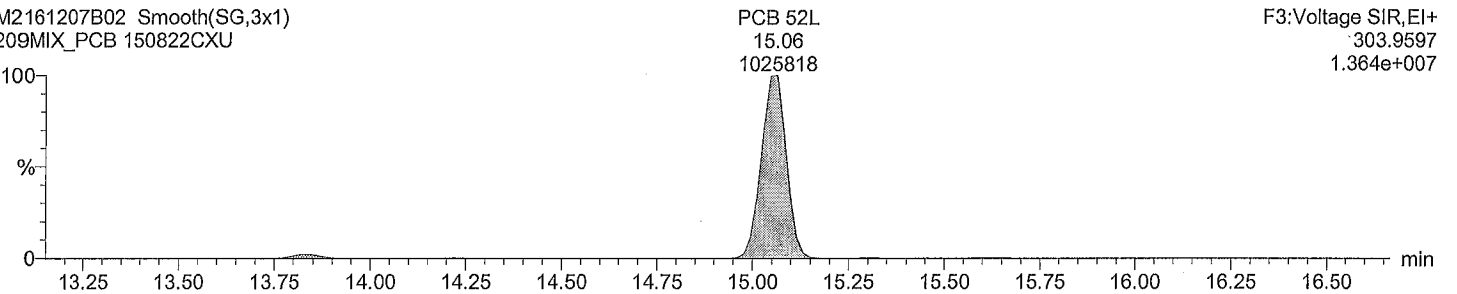
F3:Voltage SIR,EI+
301.9626
1.109e+007



Total TeCB labeled F3

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU

F3:Voltage SIR,EI+
303.9597
1.364e+007



Quantify Sample Report

Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B_209MIX_Test.qld

Last Altered: Thursday, December 08, 2016 3:20:10 PM

Printed: Thursday, December 08, 2016 3:21:21 PM

ID:

Description: 209MIX_PCB 150822CXU

Vial: 2

Date: 07-Dec-2016

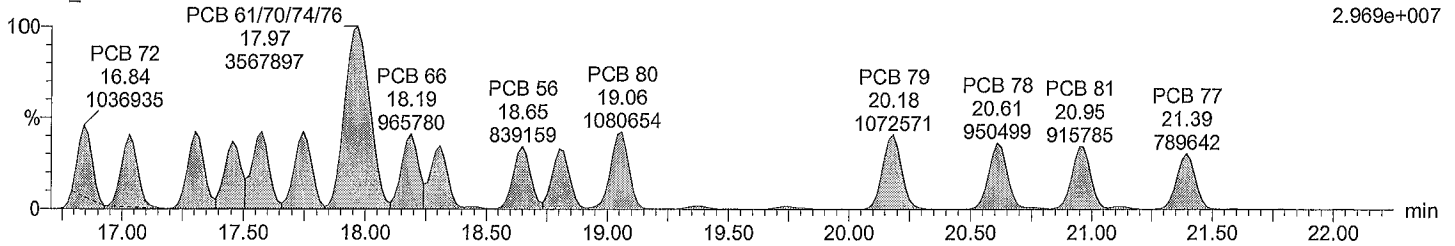
Time: 18:06:22

Total TeCB F4

M2161207B02 Smooth(SG,3x1)

209MIX_PCB 150822CXU

F4:Voltage SIR,EI+
289.9224
2.969e+007

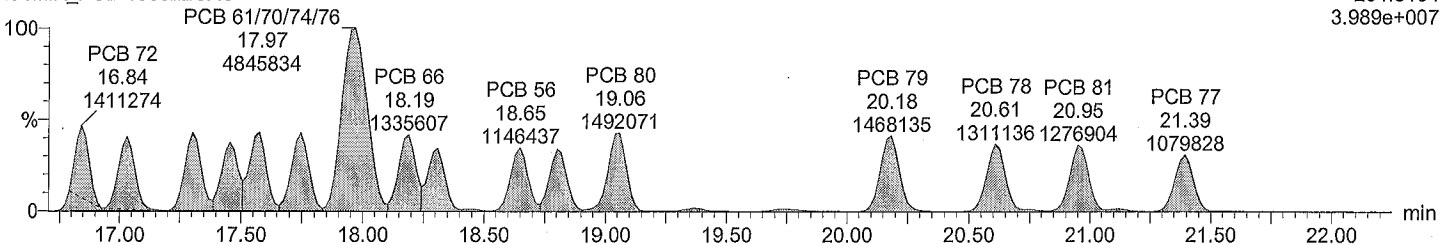


Total TeCB F4

M2161207B02 Smooth(SG,3x1)

209MIX_PCB 150822CXU

F4:Voltage SIR,EI+
291.9194
3.989e+007

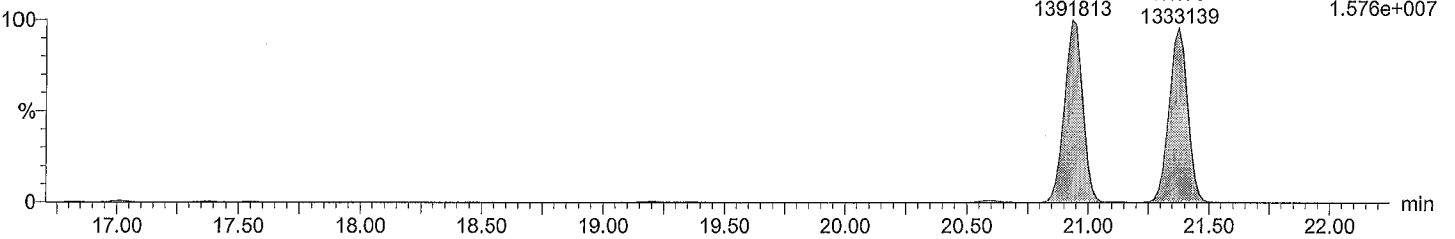


Total TeCB labeled F4

M2161207B02 Smooth(SG,3x1)

209MIX_PCB 150822CXU

PCB 81L 20.93 1391813
PCB 77L 21.38 1333139
F4:Voltage SIR,EI+
301.9626
1.576e+007

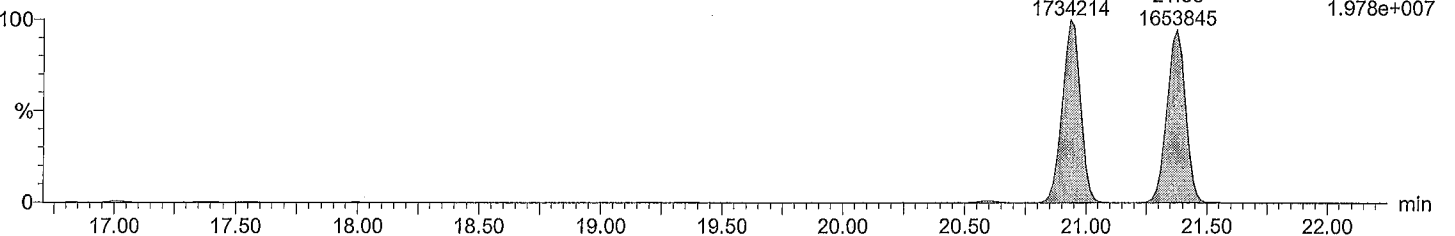


Total TeCB labeled F4

M2161207B02 Smooth(SG,3x1)

209MIX_PCB 150822CXU

PCB 81L 20.93 1734214
PCB 77L 21.38 1653845
F4:Voltage SIR,EI+
303.9597
1.978e+007



Quantify Sample Report

Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLDM2161207B_209MIX_Test.qld

Last Altered: Thursday, December 08, 2016 3:20:10 PM

Printed: Thursday, December 08, 2016 3:21:21 PM

ID:

Description: 209MIX_PCB 150822CXU

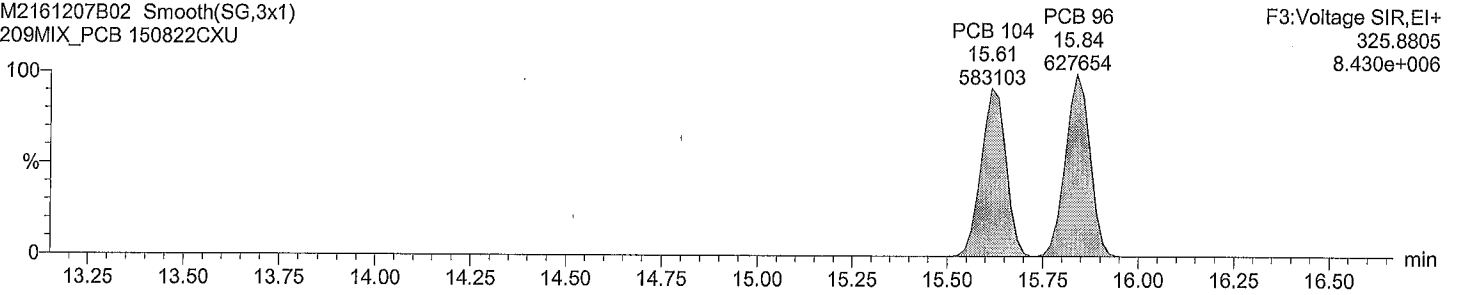
Vial: 2

Date: 07-Dec-2016

Time: 18:06:22

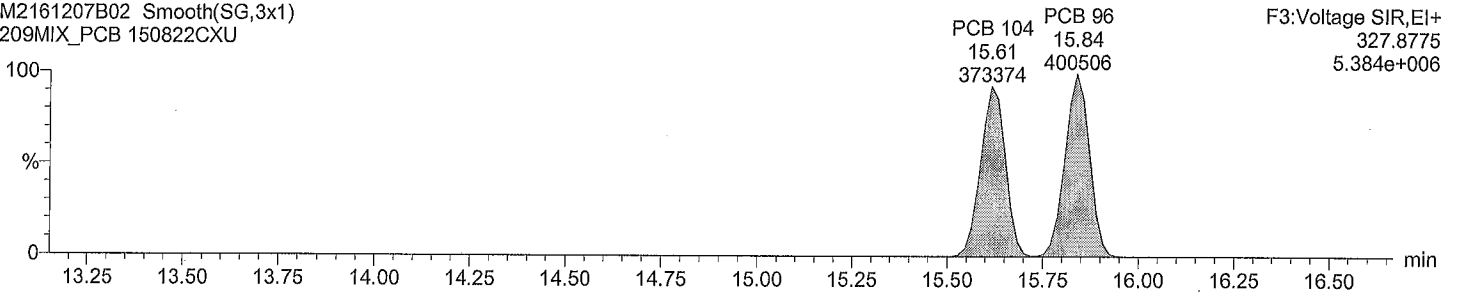
Total PeCB F3

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU



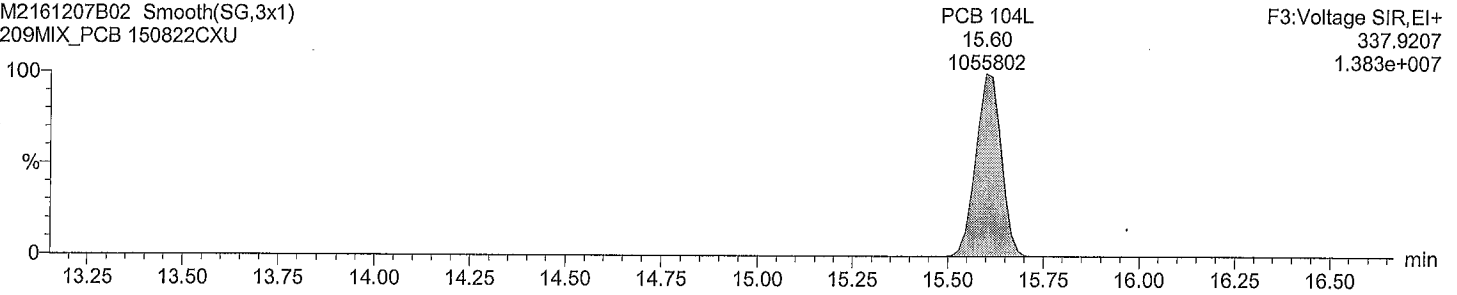
Total PeCB F3

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU



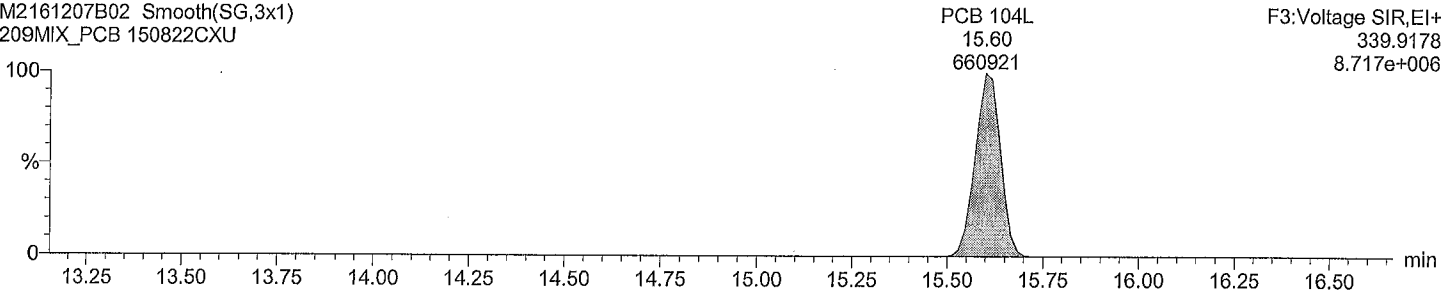
Total PeCB labeled F3

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU



Total PeCB labeled F3

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU



Quantify Sample Report

Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B_209MIX_Test.qld

Last Altered: Thursday, December 08, 2016 3:20:10 PM

Printed: Thursday, December 08, 2016 3:21:21 PM

ID:

Description: 209MIX_PCB 150822CXU

Vial: 2

Date: 07-Dec-2016

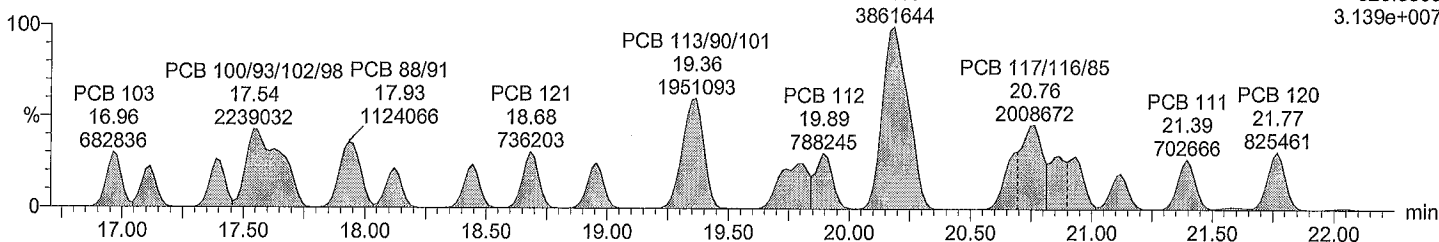
Time: 18:06:22

Total PeCB F4

M2161207B02 Smooth(SG,2x1)
209MIX_PCB 150822CXU

PCB 109/119/86/97/125/87

F4:Voltage SIR,EI+
325.8805
3.139e+007

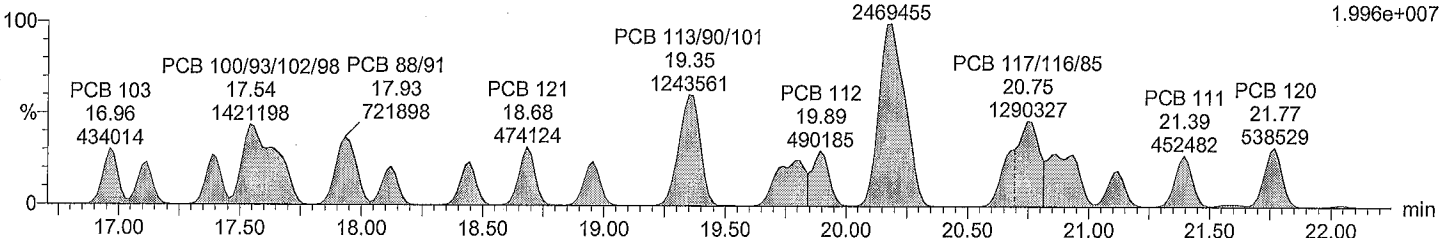


Total PeCB F4

M2161207B02 Smooth(SG,2x1)
209MIX_PCB 150822CXU

PCB 109/119/86/97/125/87

F4:Voltage SIR,EI+
327.8775
1.996e+007

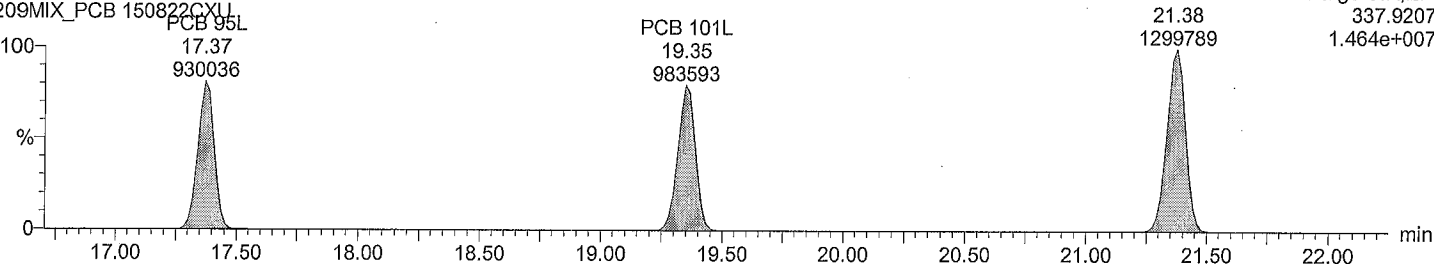


Total PeCB labeled F4

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU

PCB 111L

F4:Voltage SIR,EI+
337.9207
1.464e+007

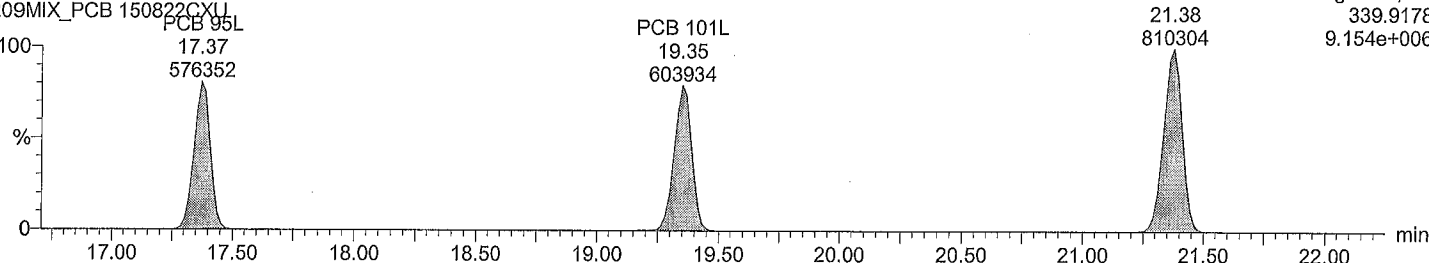


Total PeCB labeled F4

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU

PCB 111L

F4:Voltage SIR,EI+
339.9178
9.154e+006



Quantify Sample Report

Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B_209MIX_Test.qld

Last Altered: Thursday, December 08, 2016 3:20:10 PM

Printed: Thursday, December 08, 2016 3:21:21 PM

ID:

Description: 209MIX_PCB 150822CXU

Vial: 2

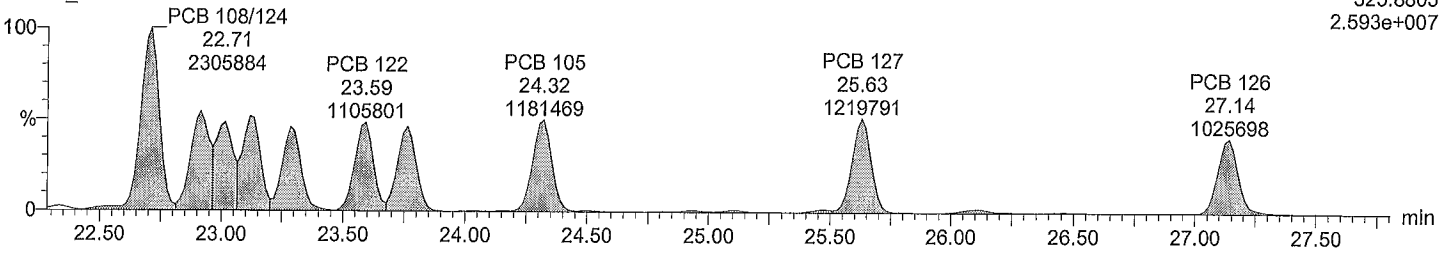
Date: 07-Dec-2016

Time: 18:06:22

Total PeCB F5

M2161207B02 Smooth(SG,2x1)
209MIX_PCB 150822CXU

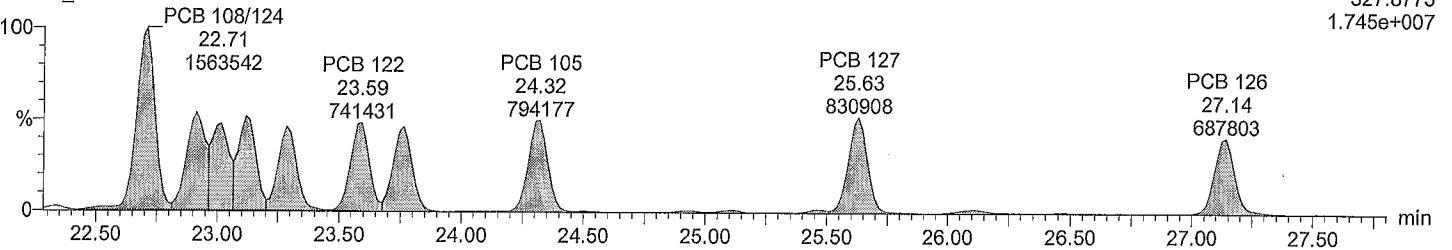
F5:Voltage SIR,EI+
325.8805
2.593e+007



Total PeCB F5

M2161207B02 Smooth(SG,2x1)
209MIX_PCB 150822CXU

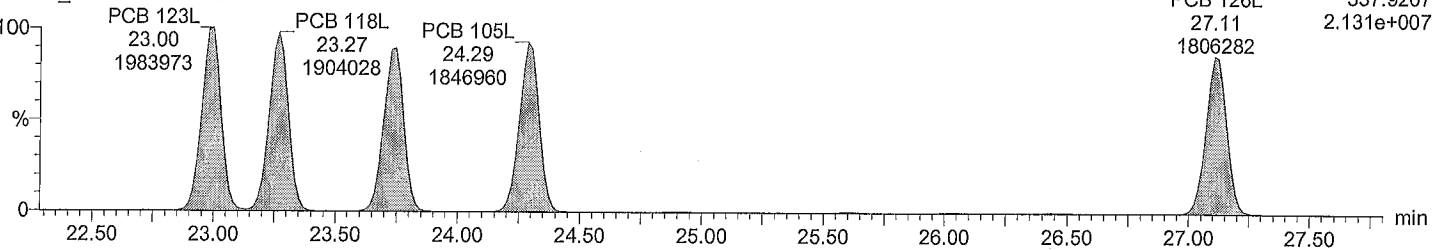
F5:Voltage SIR,EI+
327.8775
1.745e+007



Total PeCB labeled F5

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU

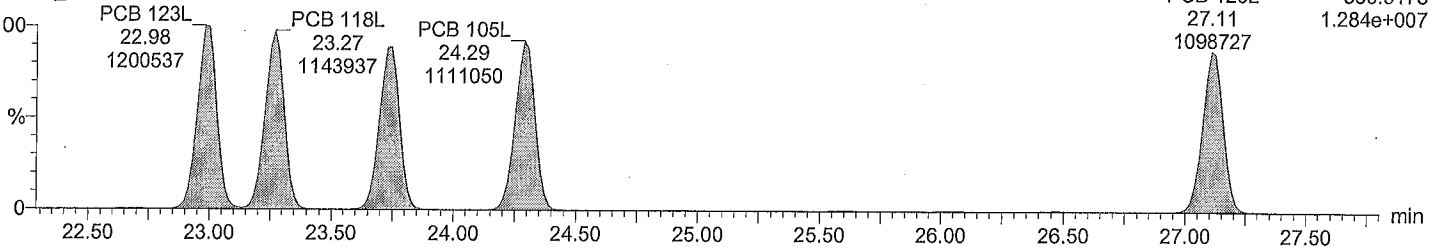
F5:Voltage SIR,EI+
337.9207
2.131e+007



Total PeCB labeled F5

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU

F5:Voltage SIR,EI+
339.9178
1.284e+007



Quantify Sample Report

Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLDM2161207B_209MIX_Test.qld

Last Altered: Thursday, December 08, 2016 3:20:10 PM

Printed: Thursday, December 08, 2016 3:21:21 PM

ID:

Description: 209MIX_PCB 150822CXU

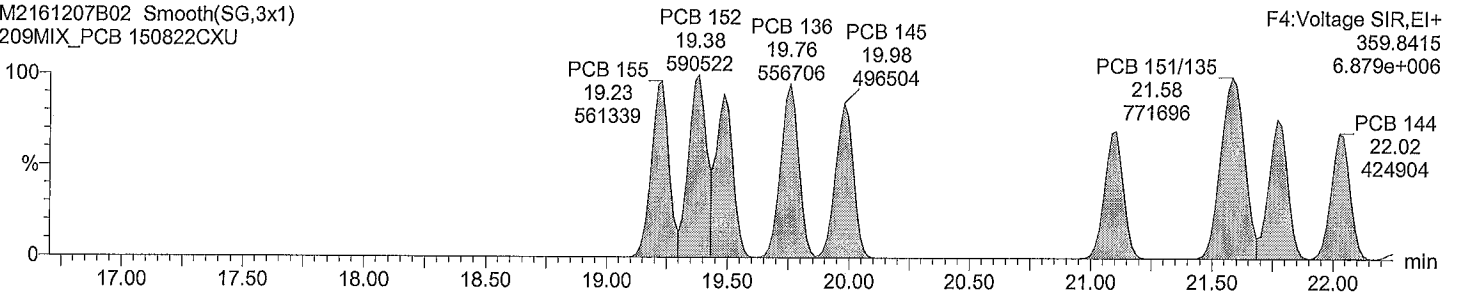
Vial: 2

Date: 07-Dec-2016

Time: 18:06:22

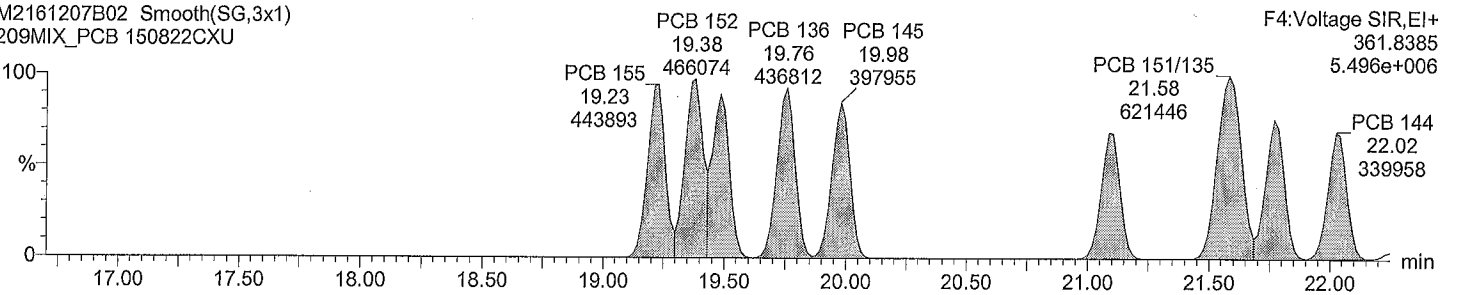
Total HxCB F4

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU



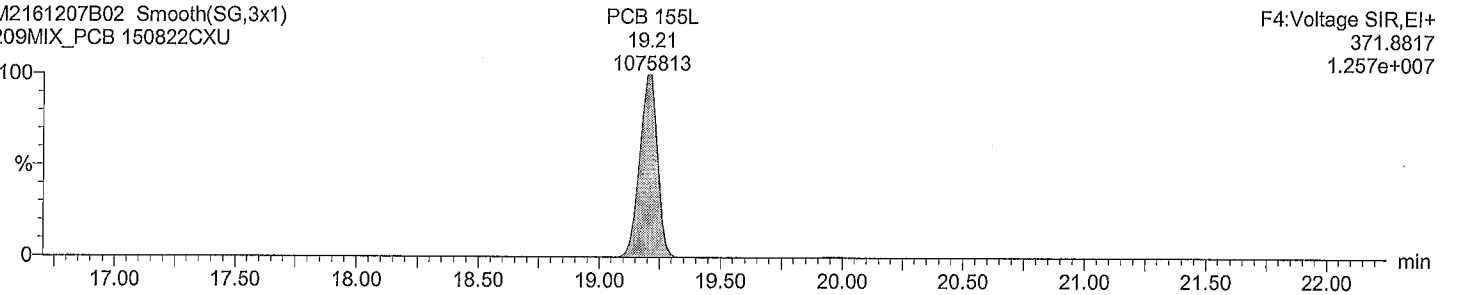
Total HxCB F4

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU



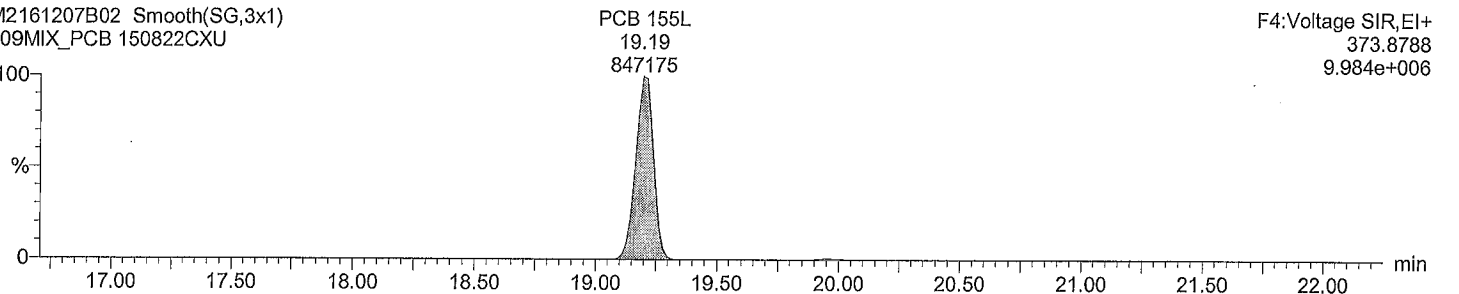
Total HxCB labeled F4

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU



Total HxCB labeled F4

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU



Quantify Sample Report

Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B_209MIX_Test.qld

Last Altered: Thursday, December 08, 2016 3:20:10 PM

Printed: Thursday, December 08, 2016 3:21:21 PM

ID:

Description: 209MIX_PCB 150822CXU

Vial: 2

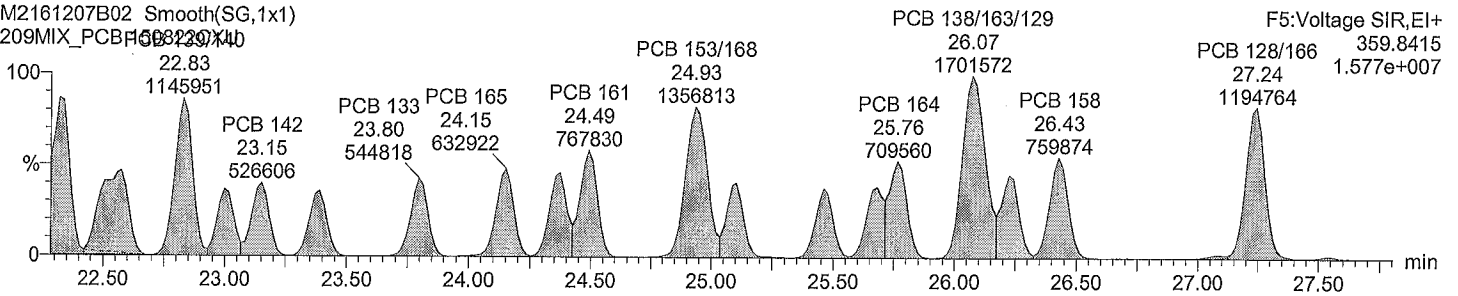
Date: 07-Dec-2016

Time: 18:06:22

Total HxCB F5

M2161207B02 Smooth(SG,1x1)

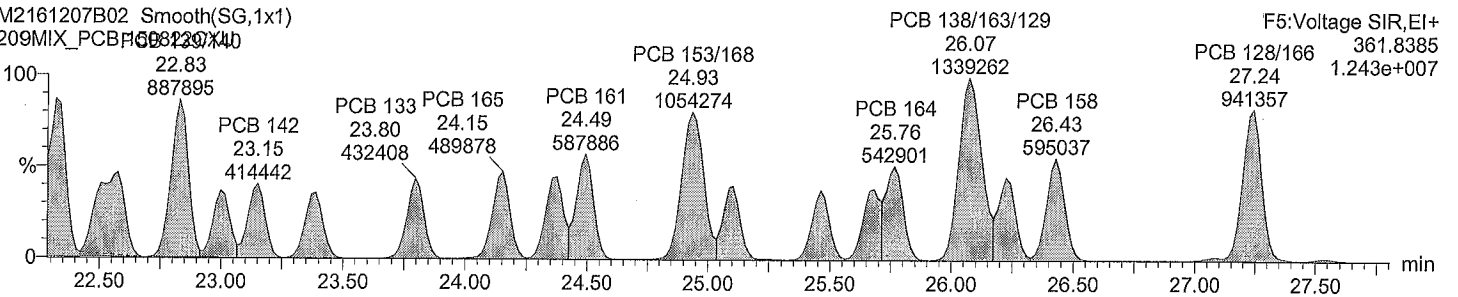
209MIX_PCB 150822CXU



Total HxCB F5

M2161207B02 Smooth(SG,1x1)

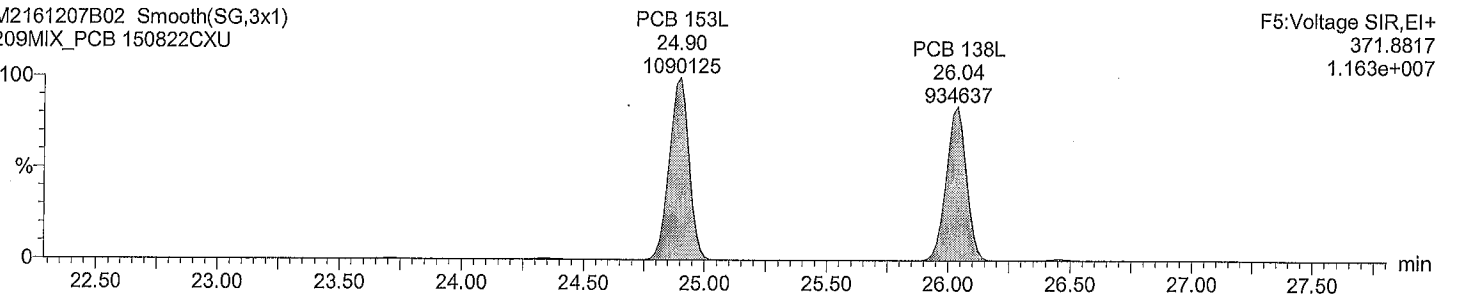
209MIX_PCB 150822CXU



Total HxCB labeled F5

M2161207B02 Smooth(SG,3x1)

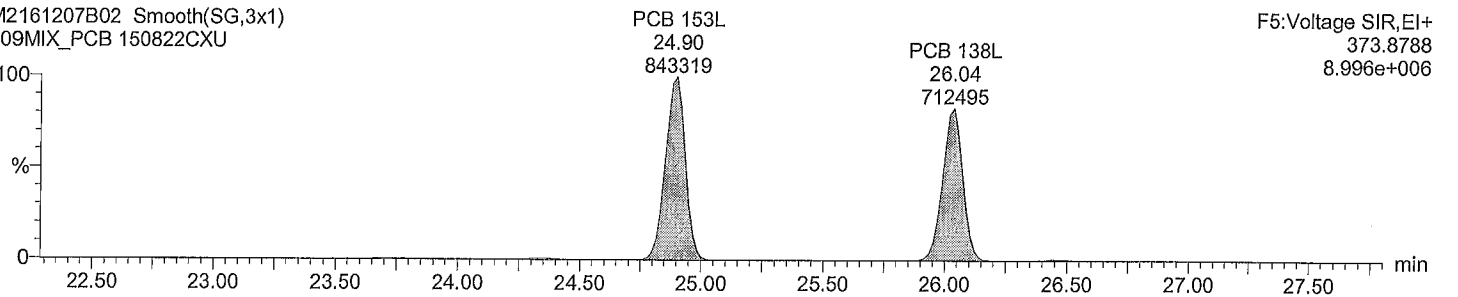
209MIX_PCB 150822CXU



Total HxCB labeled F5

M2161207B02 Smooth(SG,3x1)

209MIX_PCB 150822CXU



Quantify Sample Report

Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLDM2161207B_209MIX_Test.qld

Last Altered: Thursday, December 08, 2016 3:20:10 PM

Printed: Thursday, December 08, 2016 3:21:21 PM

ID:

Description: 209MIX_PCB 150822CXU

Vial: 2

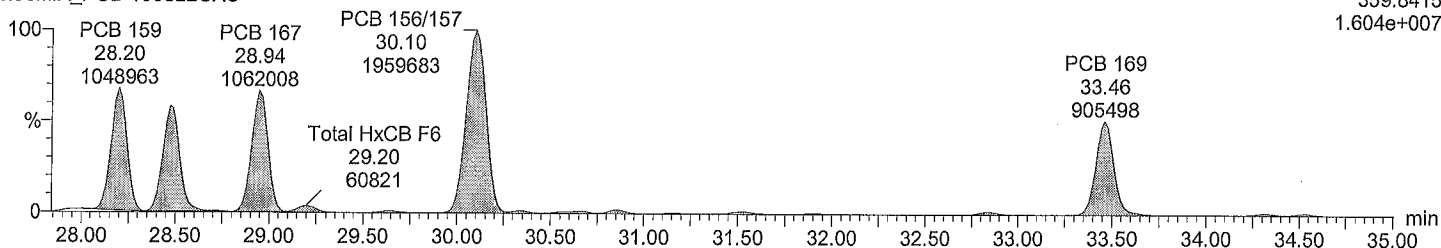
Date: 07-Dec-2016

Time: 18:06:22

Total HxCB F6

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU

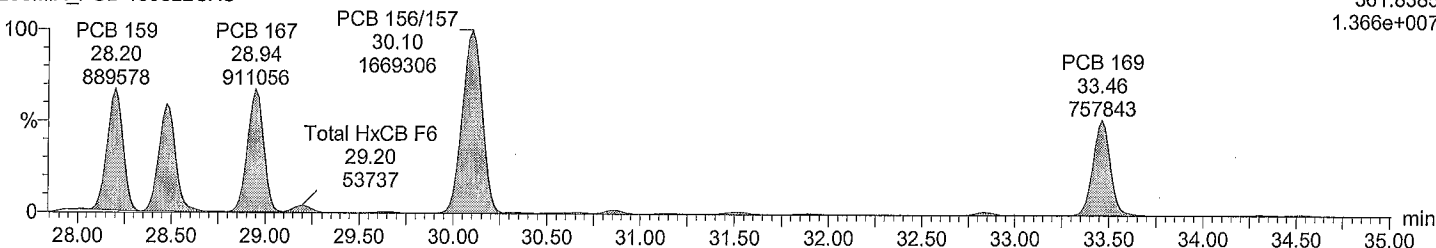
F6:Voltage SIR,EI+
359.8415
1.604e+007



Total HxCB F6

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU

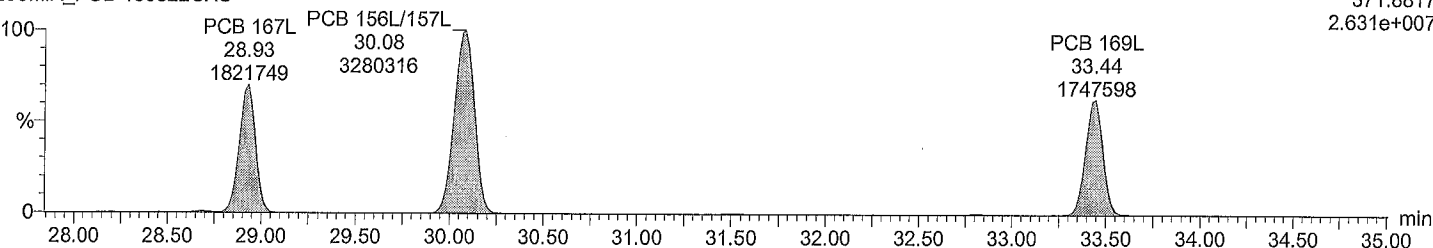
F6:Voltage SIR,EI+
361.8385
1.366e+007



Total HxCB labeled F6

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU

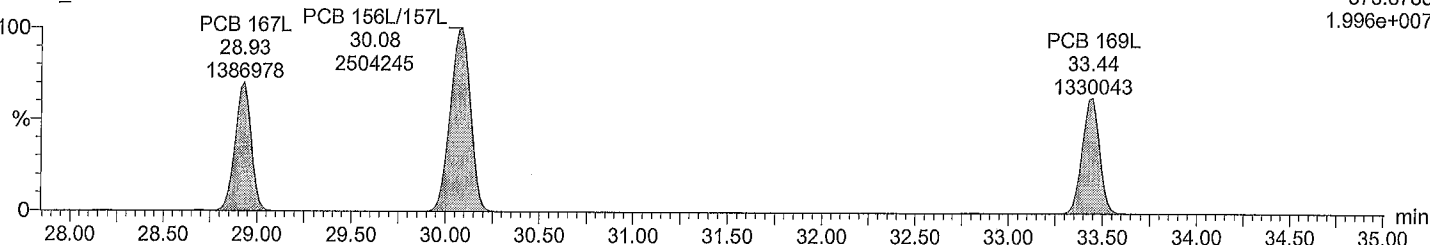
F6:Voltage SIR,EI+
371.8817
2.631e+007



Total HxCB labeled F6

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU

F6:Voltage SIR,EI+
373.8788
1.996e+007



Quantify Sample Report

Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLDM2161207B_209MIX_Test.qld

Last Altered: Thursday, December 08, 2016 3:20:10 PM

Printed: Thursday, December 08, 2016 3:21:21 PM

ID:

Description: 209MIX_PCB 150822CXU

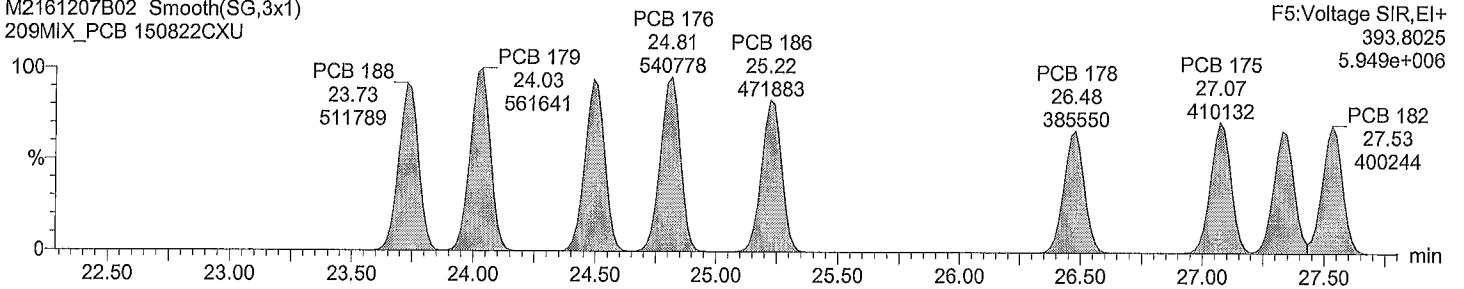
Vial: 2

Date: 07-Dec-2016

Time: 18:06:22

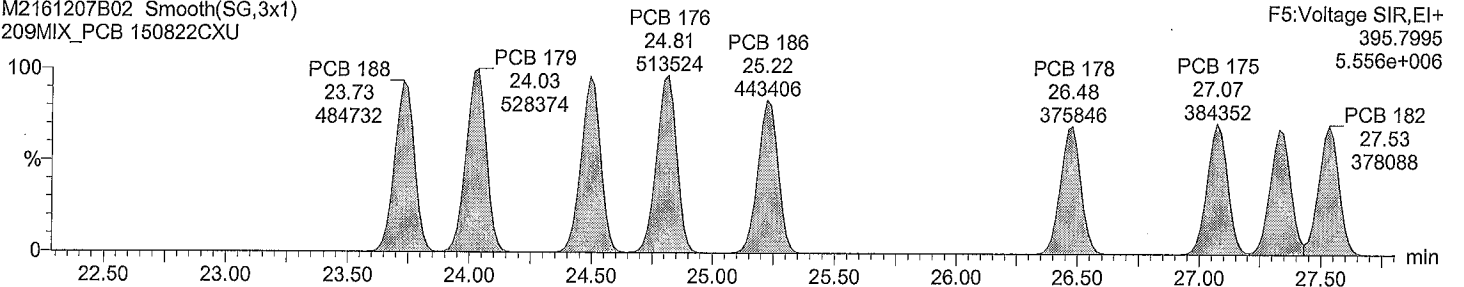
Total HpCB F5

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU



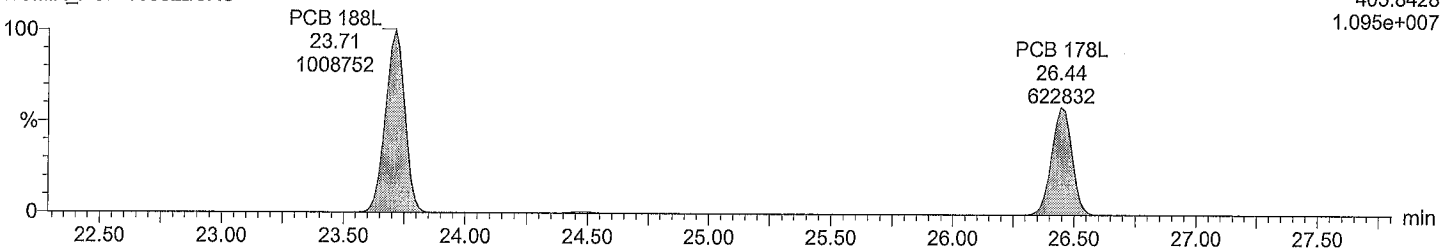
Total HpCB F5

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU



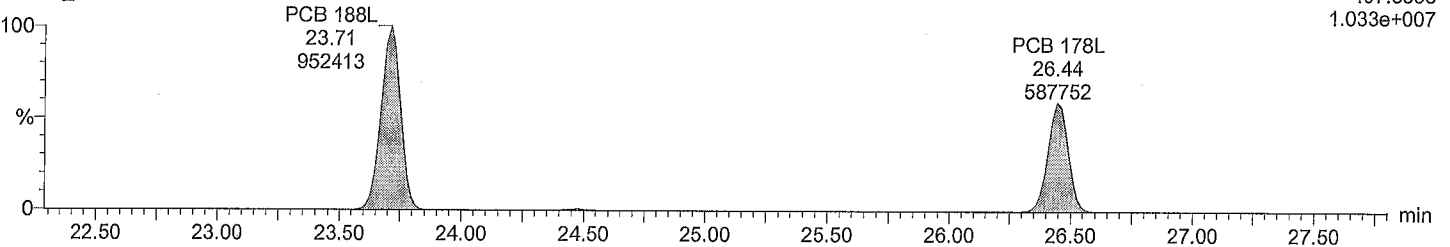
Total HpCB labeled F5

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU



Total HpCB labeled F5

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU



Quantify Sample Report

Acquired Date

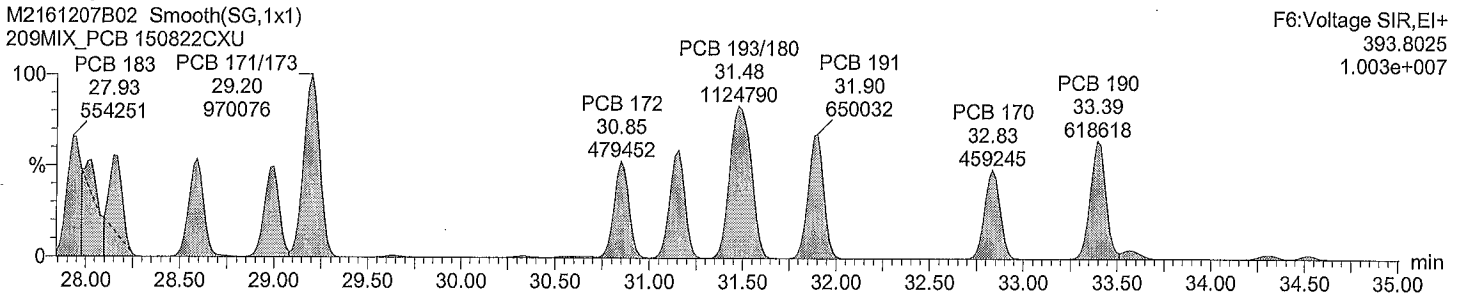
Dataset: M:\ULTIMA 2\PCB_QLDM2161207B_209MIX_Test.qld

Last Altered: Thursday, December 08, 2016 3:20:10 PM

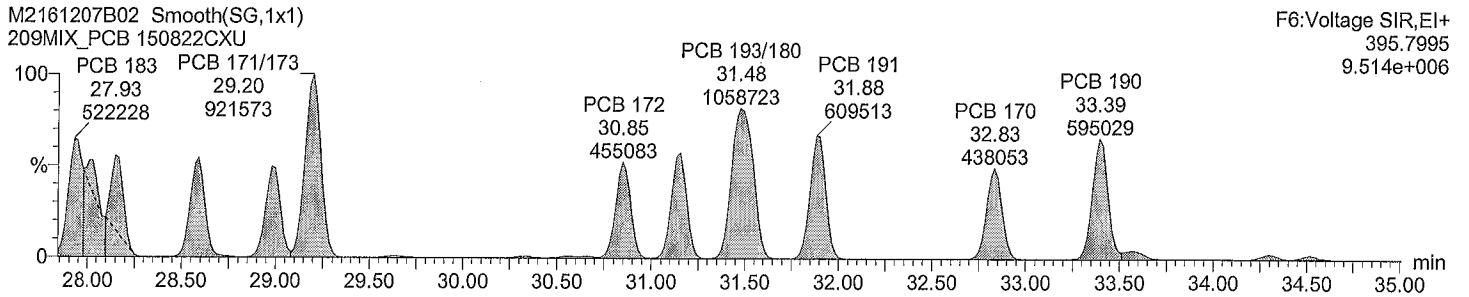
Printed: Thursday, December 08, 2016 3:21:21 PM

ID:
Description: 209MIX_PCB 150822CXU
Vial: 2
Date: 07-Dec-2016
Time: 18:06:22

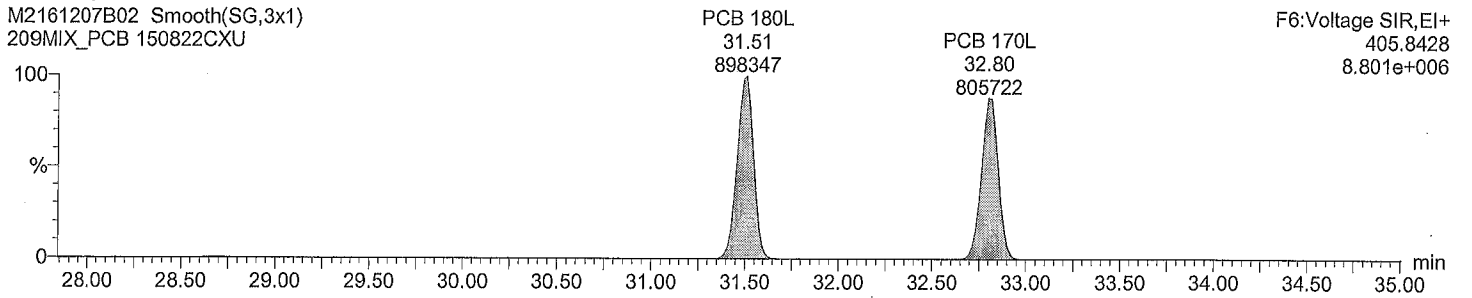
Total HpCB F6



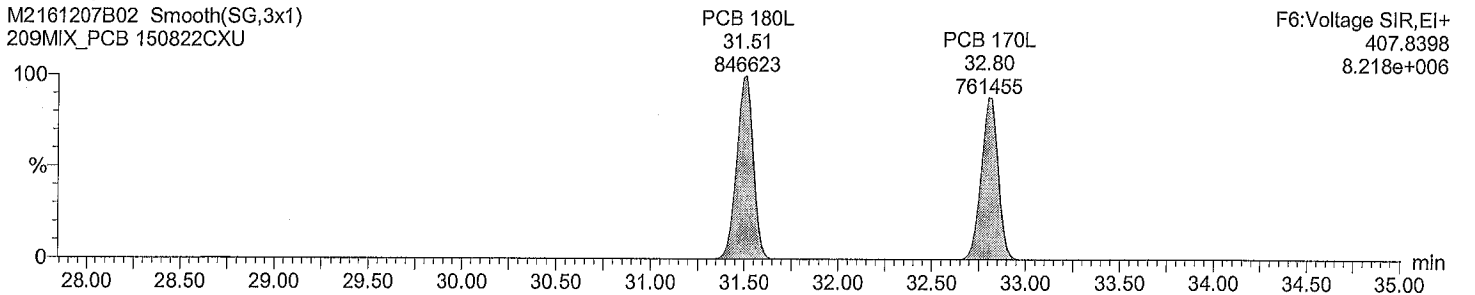
Total HpCB F6



Total HpCB labeled F6



Total HpCB labeled F6



Quantify Sample Report

Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLDM2161207B_209MIX_Test.qld

Last Altered: Thursday, December 08, 2016 3:20:10 PM

Printed: Thursday, December 08, 2016 3:21:21 PM

ID:

Description: 209MIX_PCB 150822CXU

Vial: 2

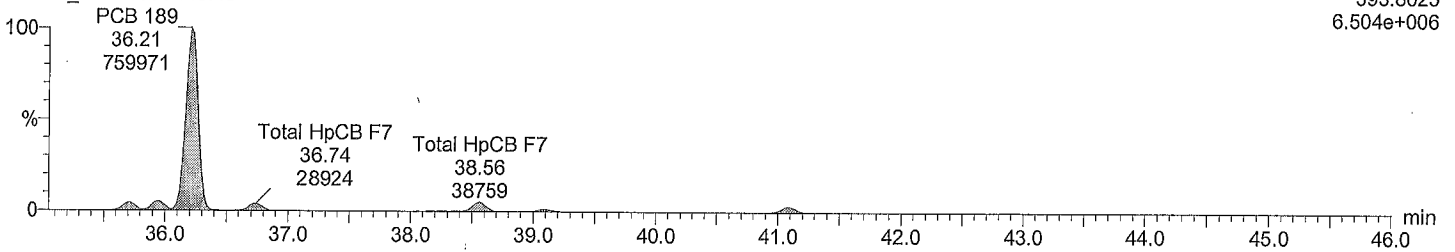
Date: 07-Dec-2016

Time: 18:06:22

Total HpCB F7

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU

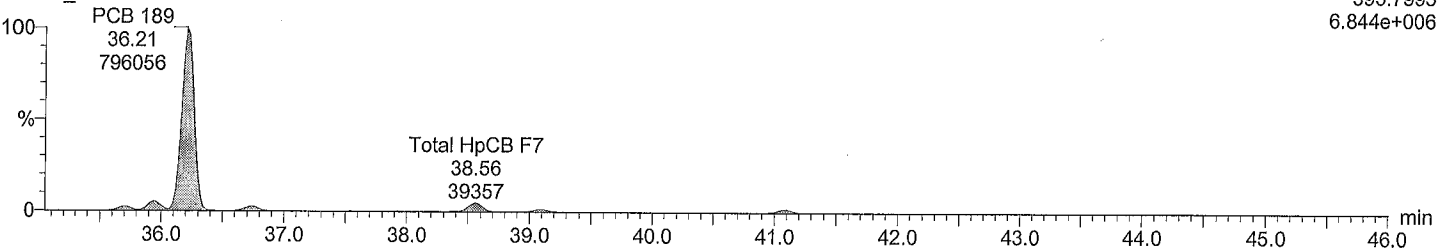
F7:Voltage SIR,EI+
393.8025
6.504e+006



Total HpCB F7

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU

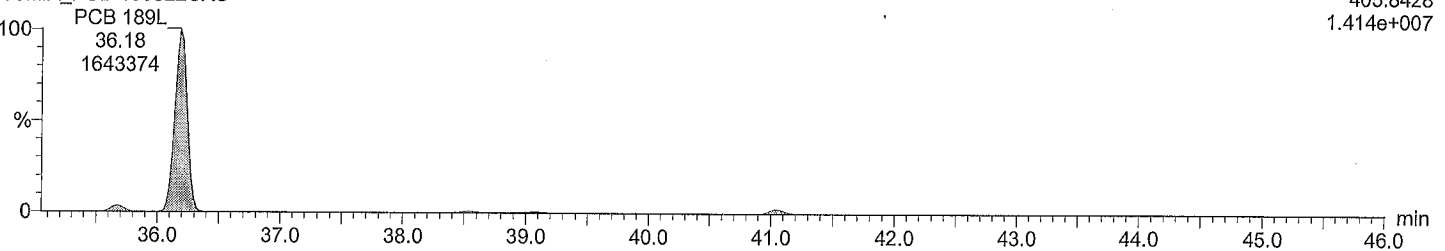
F7:Voltage SIR,EI+
395.7995
6.844e+006



Total HpCB labeled F7

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU

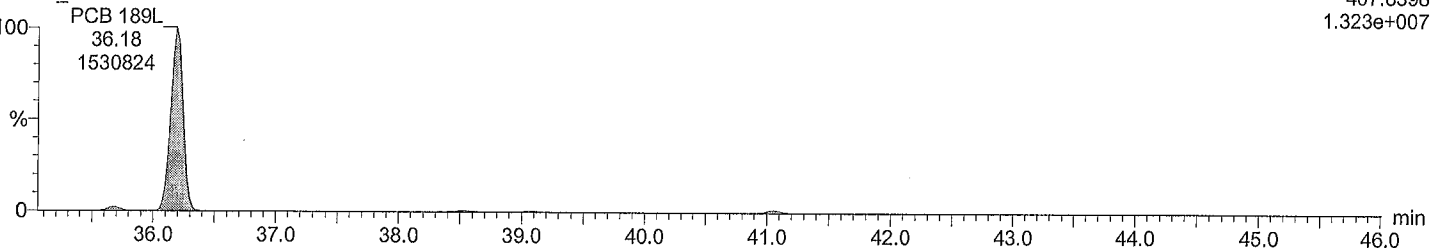
F7:Voltage SIR,EI+
405.8428
1.414e+007



Total HpCB labeled F7

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU

F7:Voltage SIR,EI+
407.8398
1.323e+007



Quantify Sample Report

Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B_209MIX_Test.qld

Last Altered: Thursday, December 08, 2016 3:20:10 PM

Printed: Thursday, December 08, 2016 3:21:21 PM

ID:

Description: 209MIX_PCB 150822CXU

Vial: 2

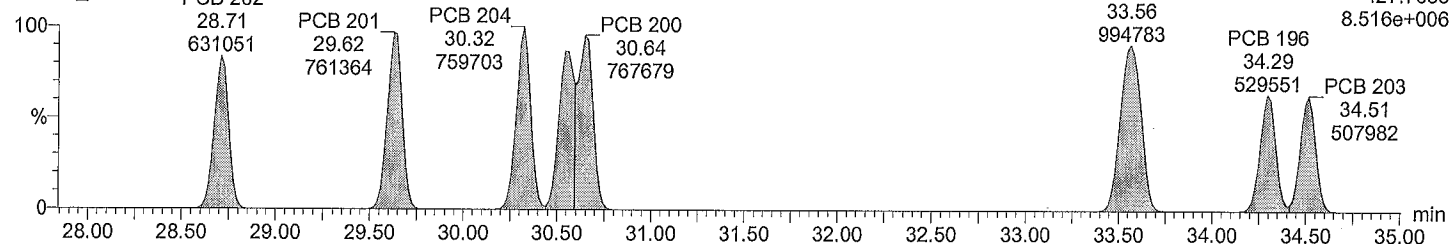
Date: 07-Dec-2016

Time: 18:06:22

Total OcCB F6

M2161207B02 Smooth(SG,1x1)

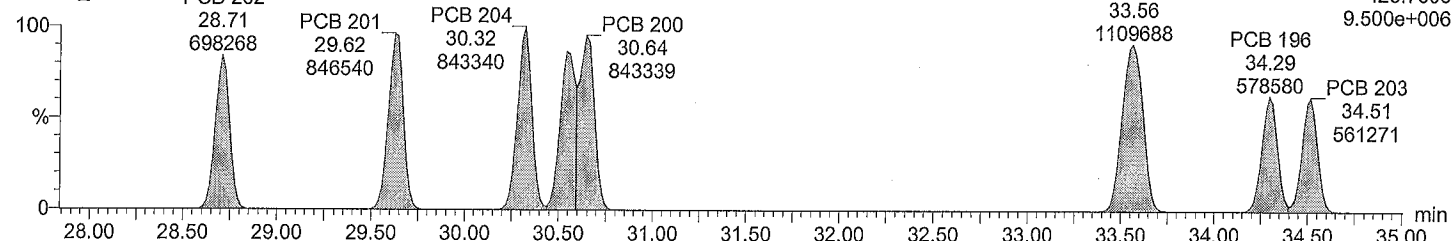
209MIX_PCB 150822CXU



Total OcCB F6

M2161207B02 Smooth(SG,1x1)

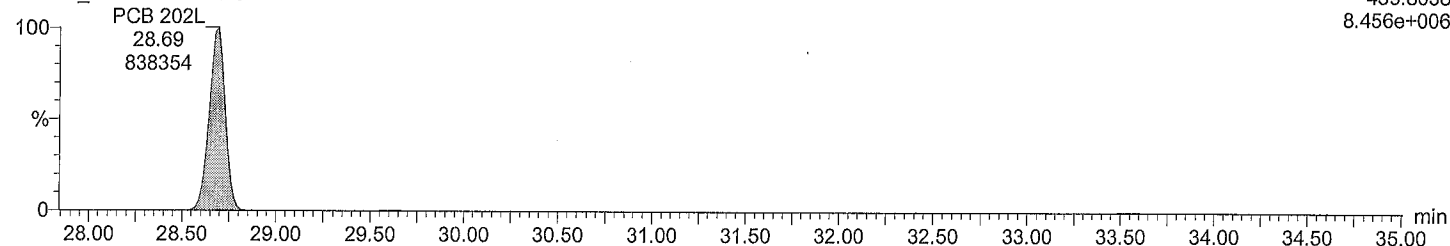
209MIX_PCB 150822CXU



Total OcCB labeled F6

M2161207B02 Smooth(SG,3x1)

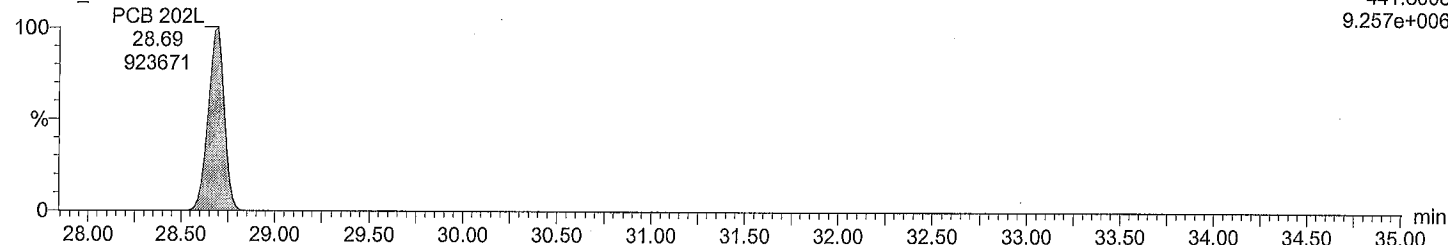
209MIX_PCB 150822CXU



Total OcCB labeled F6

M2161207B02 Smooth(SG,3x1)

209MIX_PCB 150822CXU



Quantify Sample Report

Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLDM2161207B_209MIX_Test.qld

Last Altered: Thursday, December 08, 2016 3:20:10 PM

Printed: Thursday, December 08, 2016 3:21:21 PM

ID:

Description: 209MIX_PCB 150822CXU

Vial: 2

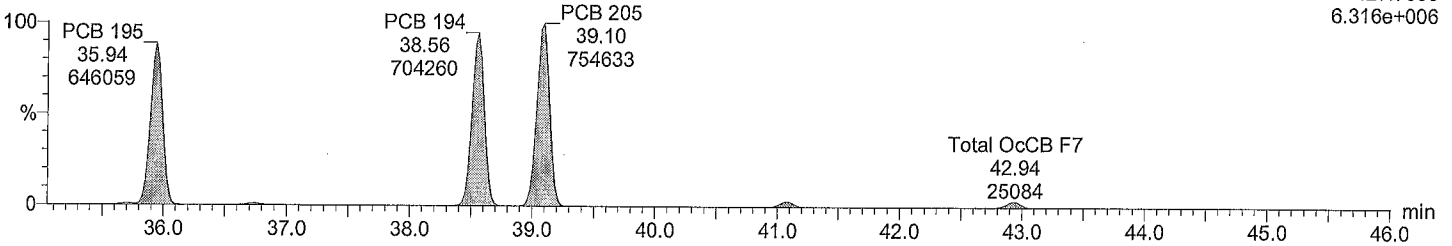
Date: 07-Dec-2016

Time: 18:06:22

Total OcCB F7

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU

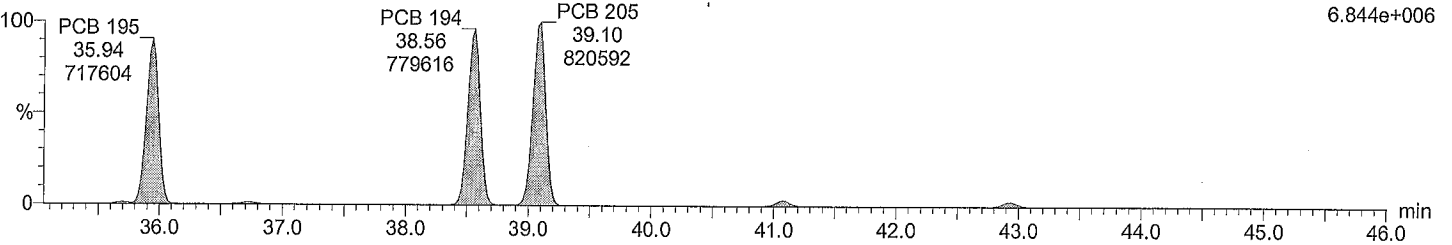
F7:Voltage SIR,EI+
427.7635
6.316e+006



Total OcCB F7

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU

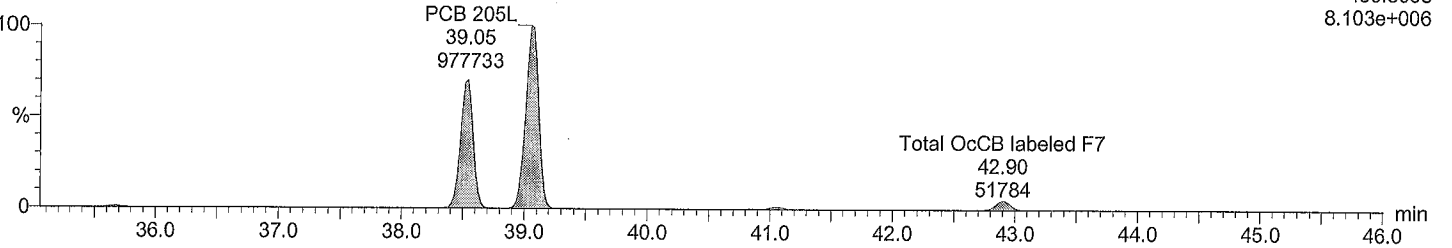
F7:Voltage SIR,EI+
429.7606
6.844e+006



Total OcCB labeled F7

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU

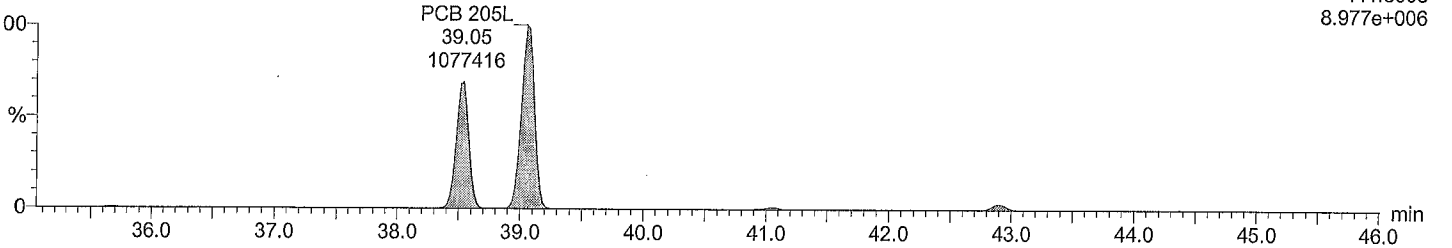
F7:Voltage SIR,EI+
439.8038
8.103e+006



Total OcCB labeled F7

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU

F7:Voltage SIR,EI+
441.8008
8.977e+006



Quantify Sample Report

Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B_209MIX_Test.qld

Last Altered: Thursday, December 08, 2016 3:20:10 PM

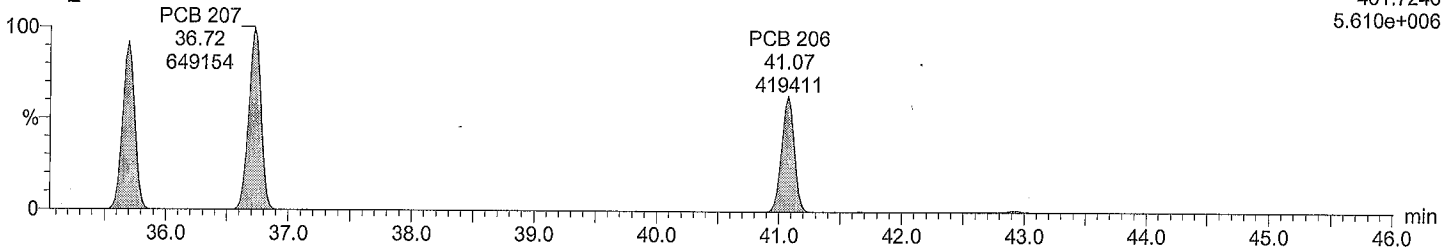
Printed: Thursday, December 08, 2016 3:21:21 PM

ID:
Description: 209MIX_PCB 150822CXU
Vial: 2
Date: 07-Dec-2016
Time: 18:06:22

Total NoCB F7

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU

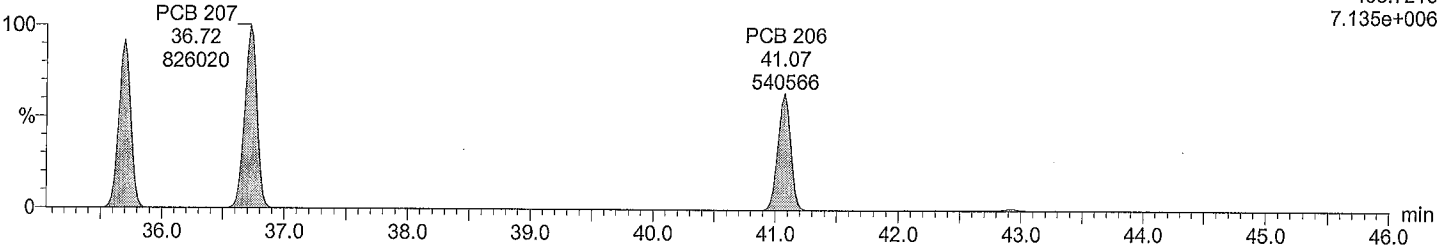
F7:Voltage SIR,EI+
461.7246
5.610e+006



Total NoCB F7

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU

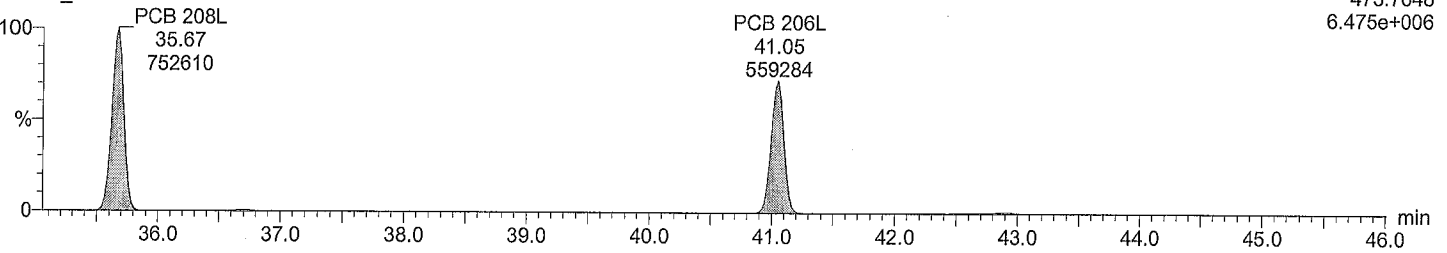
F7:Voltage SIR,EI+
463.7216
7.135e+006



Total NoCB labeled F7

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU

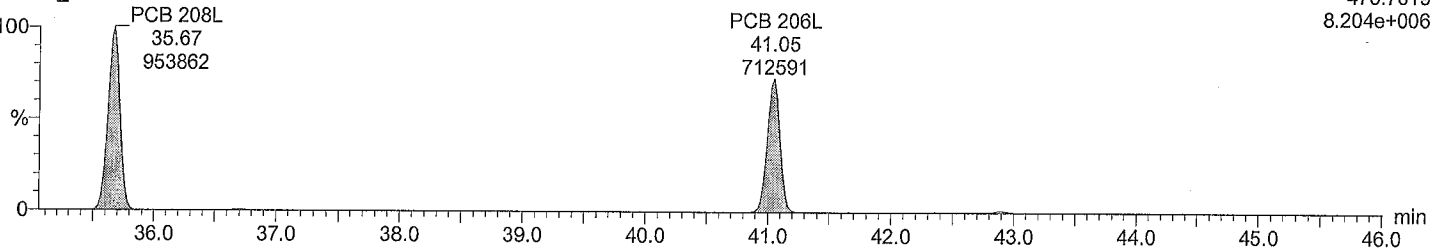
F7:Voltage SIR,EI+
473.7648
6.475e+006



Total NoCB labeled F7

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU

F7:Voltage SIR,EI+
475.7619
8.204e+006



Quantify Sample Report

Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLDM2161207B_209MIX_Test.qld

Last Altered: Thursday, December 08, 2016 3:20:10 PM

Printed: Thursday, December 08, 2016 3:21:21 PM

ID:

Description: 209MIX_PCB 150822CXU

Vial: 2

Date: 07-Dec-2016

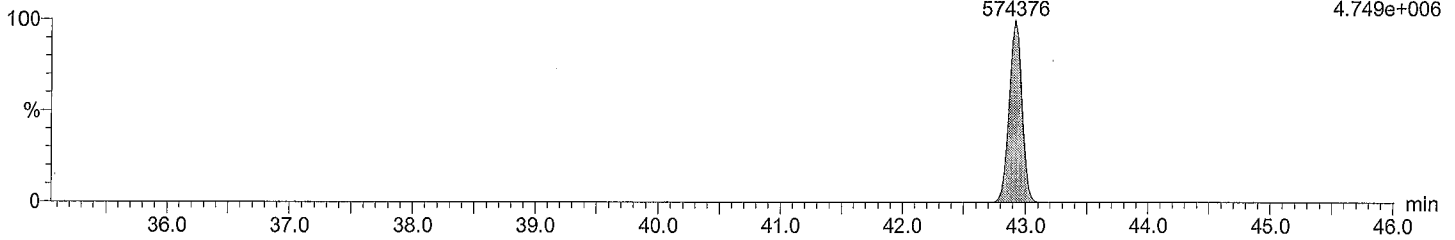
Time: 18:06:22

Total DeCB F7

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU

PCB 209
42.92
574376

F7:Voltage SIR,EI+
497.6826
4.749e+006

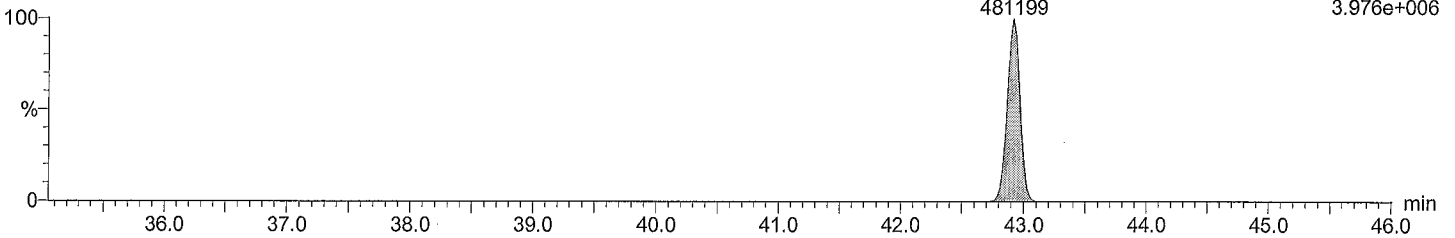


Total DeCB F7

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU

PCB 209
42.92
481199

F7:Voltage SIR,EI+
499.6797
3.976e+006

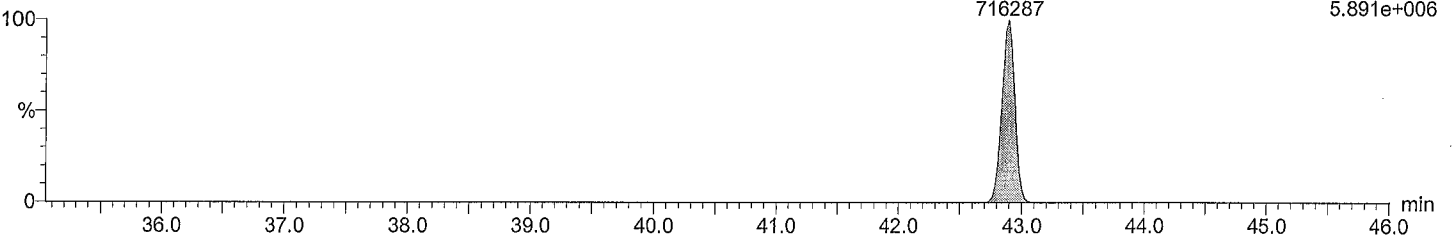


Total DeCB labeled F7

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU

PCB 209L
42.90
716287

F7:Voltage SIR,EI+
509.7229
5.891e+006

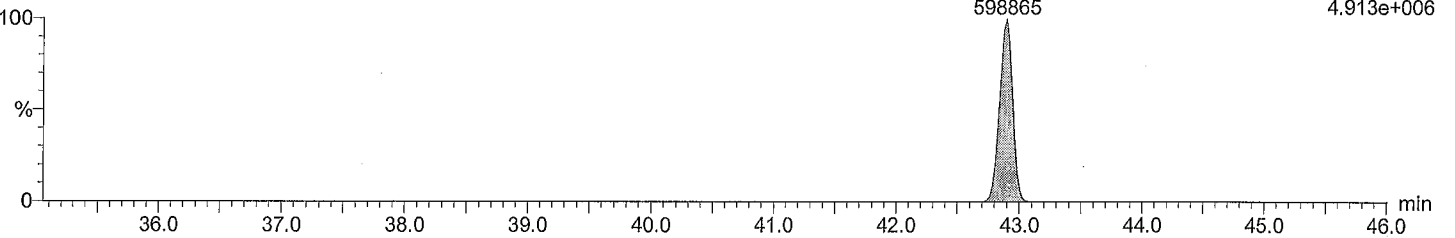


Total DeCB labeled F7

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU

PCB 209L
42.90
598865

F7:Voltage SIR,EI+
511.7199
4.913e+006



Quantify Sample Report

Acquired Date

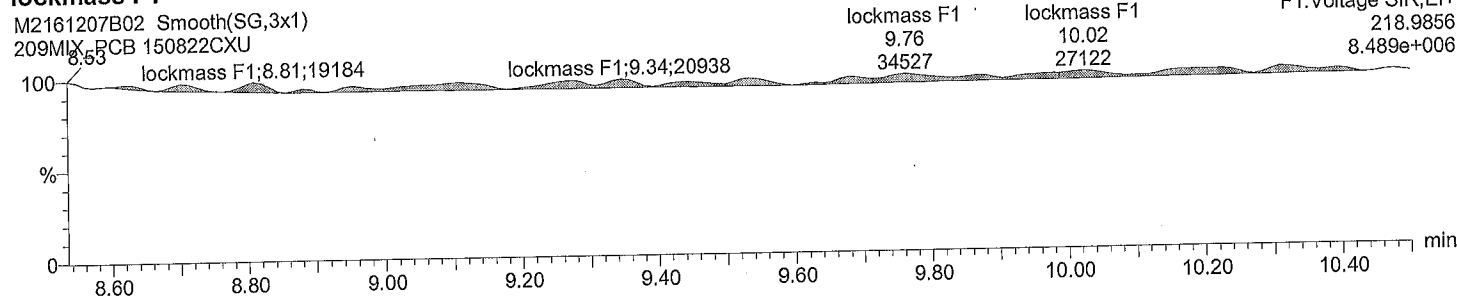
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Last Altered: Thursday, December 08, 2016 3:20:10 PM

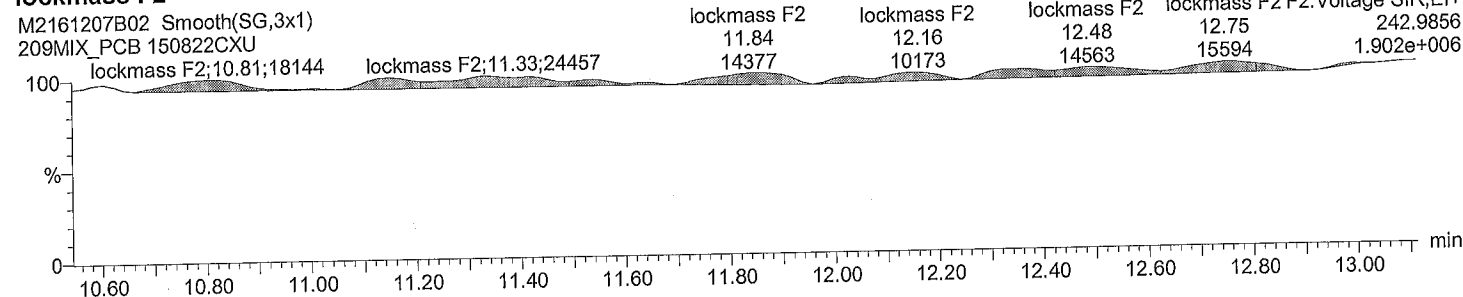
Printed: Thursday, December 08, 2016 3:21:21 PM

ID:
Description: 209MIX_PCB 150822CXU
Vial: 2
Date: 07-Dec-2016
Time: 18:06:22

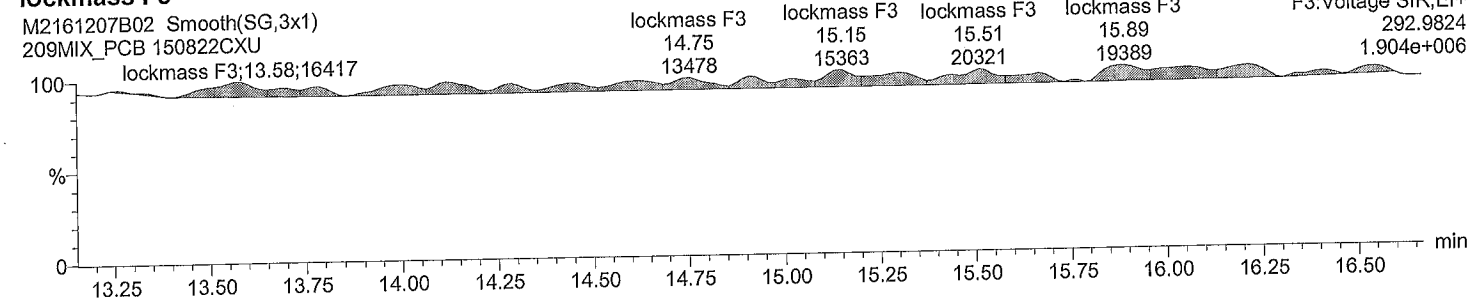
lockmass F1



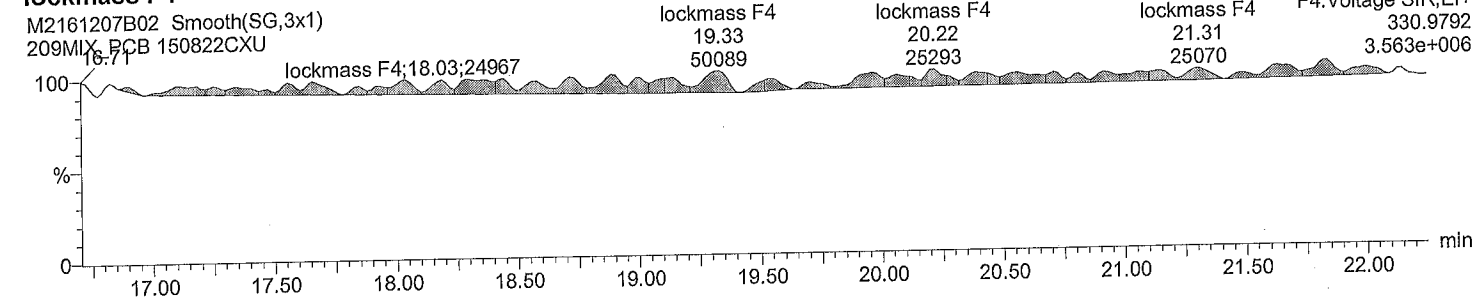
lockmass F2



lockmass F3



lockmass F4



Quantify Sample Report

Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B_209MIX_Test.qld

Last Altered: Thursday, December 08, 2016 3:20:10 PM

Printed: Thursday, December 08, 2016 3:21:21 PM

ID:

Description: 209MIX_PCB 150822CXU

Vial: 2

Date: 07-Dec-2016

Time: 18:06:22

lockmass F5

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU

lockmass F5

24.86
13571

lockmass F5

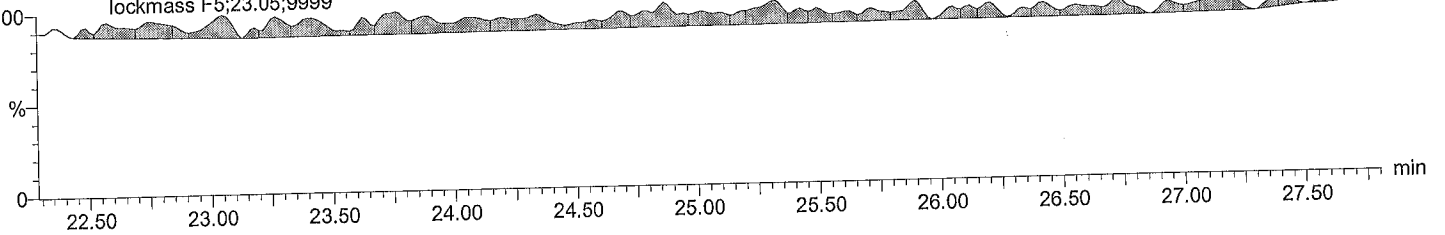
25.90
6540

lockmass F5

26.73
5690

F5:Voltage SIR,EI+
354.9792
6.692e+005

lockmass F5;23.05;9999



lockmass F6

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU

lockmass F6

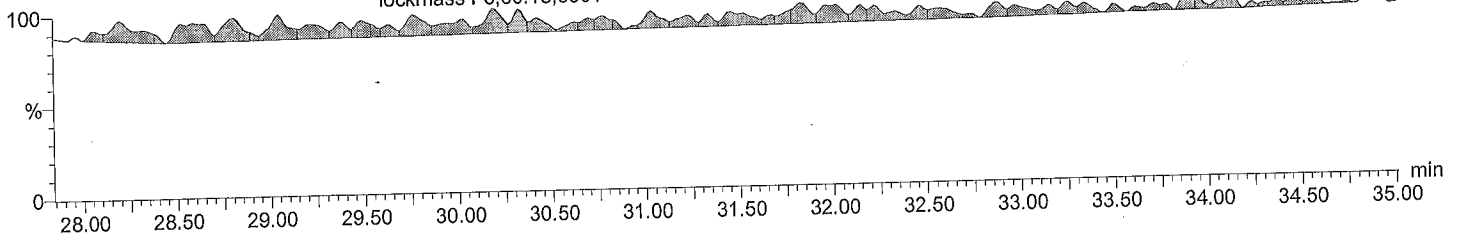
31.83
7161

lockmass F6

32.88
4517

F6:Voltage SIR,EI+
404.9760
6.281e+005

lockmass F6;30.18;9301



lockmass F7

M2161207B02 Smooth(SG,3x1)
209MIX_PCB 150822CXU

lockmass F7

41.12
9824

lockmass F7

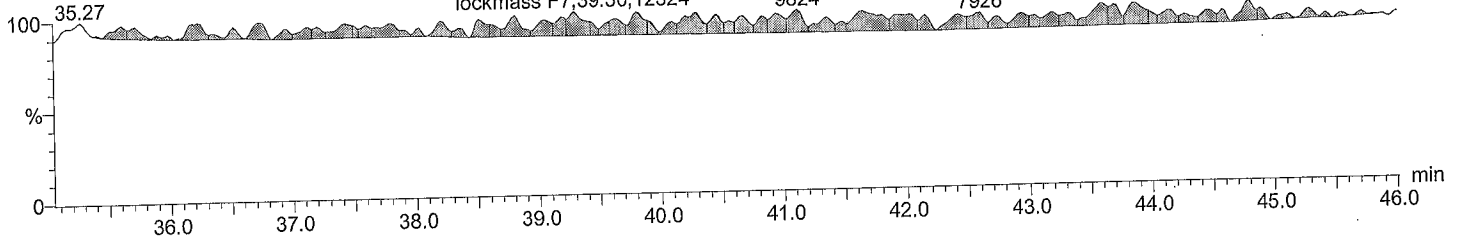
42.61
7926

lockmass F7

43.61
10220

F7:Voltage SIR,EI+
454.9728
6.325e+005

lockmass F7;39.30;12324



Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B11CS3_1668A.qld

Last Altered: December 8, 2016 8:34:01 AM Eastern Standard Time

Printed: December 8, 2016 8:34:37 AM Eastern Standard Time

Method: C:\MassLynx\DEFAULT.PRO\MethDB\EPA 1668 5PT-20161129A.mdb 30 Nov 2016 13:23:39

Calibration: C:\MassLynx\DEFAULT.PRO\CurveDB\M2161129A_5PT_1668.cdb 30 Nov 2016 11:38:27

ID:

Date: 08-Dec-2016

Time: 01:37:20

Instrument:

Description: CS3_PCB 150417CXU

| # Name | RT | RRT | Area | Sec.Area | Ion Ratio | Ratio Flag | Flags | pg/ul | %Dev | %Rec | IS# | RRF |
|----------------|-------|-------|---------|----------|-----------|------------|-------|---------|------|------|-----|-------|
| 1 PCB 1 | 8.83 | 1.000 | 1816133 | 563442 | 3.22 | YES | bb | 54.709 | 9.4 | 109 | 29 | 1.418 |
| 2 PCB 3 | 10.01 | 1.000 | 1776283 | 551703 | 3.22 | YES | bd | 54.961 | 9.9 | 110 | 30 | 1.403 |
| 3 PCB 4 | 10.13 | 1.001 | 436892 | 268209 | 1.63 | YES | bb | 48.094 | -3.8 | 96 | 31 | 1.141 |
| 4 PCB 15 | 12.71 | 1.002 | 1373643 | 932440 | 1.47 | YES | db | 56.701 | 13.4 | 113 | 32 | 1.181 |
| 5 PCB 19 | 11.49 | 1.002 | 420574 | 396167 | 1.06 | YES | bb | 50.052 | 0.1 | 100 | 33 | 1.158 |
| 6 PCB 37 | 16.34 | 1.001 | 1006990 | 1043278 | 0.97 | YES | bb | 54.771 | 9.5 | 110 | 34 | 1.079 |
| 7 PCB 54 | 12.85 | 1.002 | 295664 | 385267 | 0.77 | YES | bb | 50.407 | 0.8 | 101 | 35 | 1.028 |
| 8 PCB 81 | 20.95 | 1.001 | 735528 | 993319 | 0.74 | YES | bb | 53.264 | 6.5 | 107 | 36 | 1.243 |
| 9 PCB 77 | 21.39 | 1.002 | 717623 | 976545 | 0.73 | YES | bb | 52.275 | 4.5 | 105 | 37 | 1.271 |
| 10 PCB 104 | 15.61 | 1.001 | 479336 | 304153 | 1.58 | YES | bb | 50.034 | 0.1 | 100 | 38 | 1.188 |
| 11 PCB 123 | 23.00 | 1.001 | 876602 | 589220 | 1.49 | YES | bd | 54.246 | 8.5 | 108 | 39 | 1.028 |
| 12 PCB 118 | 23.29 | 1.001 | 934012 | 625532 | 1.49 | YES | db | 54.202 | 8.4 | 108 | 40 | 1.130 |
| 13 PCB 114 | 23.74 | 1.001 | 906549 | 598288 | 1.52 | YES | bb | 54.010 | 8.0 | 108 | 41 | 1.162 |
| 14 PCB 105 | 24.30 | 1.001 | 877099 | 588980 | 1.49 | YES | bb | 53.226 | 6.5 | 106 | 42 | 1.107 |
| 15 PCB 126 | 27.12 | 1.001 | 867062 | 578261 | 1.50 | YES | bd | 53.320 | 6.6 | 107 | 43 | 1.106 |
| 16 PCB 155 | 19.21 | 1.001 | 439752 | 344880 | 1.28 | YES | bb | 50.235 | 0.5 | 100 | 44 | 1.084 |
| 17 PCB 167 | 28.94 | 1.001 | 827616 | 693688 | 1.19 | YES | db | 55.098 | 10.2 | 110 | 45 | 1.048 |
| 18 PCB 156/157 | 30.10 | 1.001 | 1618645 | 1374187 | 1.18 | YES | bb | 108.455 | 8.5 | 108 | 46 | 1.123 |
| 19 PCB 169 | 33.46 | 1.001 | 783277 | 659260 | 1.19 | YES | bb | 53.329 | 6.7 | 107 | 47 | 1.038 |
| 20 PCB 188 | 23.73 | 1.001 | 406367 | 381248 | 1.07 | YES | bb | 49.229 | -1.5 | 98 | 48 | 1.037 |
| 21 PCB 193/180 | 31.53 | 1.001 | 394843 | 374948 | 1.05 | YES | bb | 48.161 | -3.7 | 96 | 49 | 1.077 |
| 22 PCB 170 | 32.83 | 1.001 | 400358 | 375006 | 1.07 | YES | bb | 50.018 | 0.0 | 100 | 50 | 1.206 |
| 23 PCB 189 | 36.21 | 1.001 | 658452 | 680389 | 0.97 | YES | bb | 52.791 | 5.6 | 106 | 51 | 0.961 |
| 24 PCB 202 | 28.71 | 1.001 | 351332 | 389127 | 0.90 | YES | bb | 48.722 | -2.6 | 97 | 52 | 1.052 |
| 25 PCB 205 | 39.07 | 1.001 | 434045 | 479791 | 0.90 | YES | bb | 48.370 | -3.3 | 97 | 53 | 1.036 |
| 26 PCB 208 | 35.69 | 1.001 | 322450 | 410824 | 0.78 | YES | bb | 49.914 | -0.2 | 100 | 54 | 1.080 |
| 27 PCB 206 | 41.07 | 1.001 | 236980 | 298837 | 0.79 | YES | bb | 48.742 | -2.5 | 97 | 55 | 1.050 |
| 28 PCB 209 | 42.92 | 1.001 | 261988 | 221862 | 1.18 | YES | bb | 46.693 | -6.6 | 93 | 56 | 0.956 |
| 29 PCB 1L | 8.83 | 0.802 | 2573747 | 782477 | 3.29 | YES | bb | 107.265 | 7.3 | 107 | 63 | 0.881 |
| 30 PCB 3L | 10.01 | 0.910 | 2540794 | 778020 | 3.27 | YES | bd | 105.239 | 5.2 | 105 | 63 | 0.871 |
| 31 PCB 4L | 10.12 | 0.919 | 758320 | 477668 | 1.59 | YES | bb | 115.218 | 15.2 | 115 | 63 | 0.324 |
| 32 PCB 15L | 12.69 | 1.153 | 2443867 | 1461026 | 1.67 | YES | bb | 96.345 | -3.7 | 96 | 63 | 1.025 |
| 33 PCB 19L | 11.47 | 1.042 | 726876 | 684217 | 1.06 | YES | bb | 107.291 | 7.3 | 107 | 63 | 0.370 |
| 34 PCB 37L | 16.32 | 1.085 | 1988713 | 1810932 | 1.10 | YES | bb | 93.674 | -6.3 | 94 | 64 | 2.448 |
| 35 PCB 54L | 12.83 | 0.853 | 589858 | 734865 | 0.80 | YES | bb | 112.617 | 12.6 | 113 | 64 | 0.854 |
| 36 PCB 81L | 20.93 | 1.391 | 1249041 | 1532607 | 0.81 | YES | bb | 95.551 | -4.4 | 96 | 64 | 1.792 |
| 37 PCB 77L | 21.36 | 1.420 | 1198428 | 1467026 | 0.82 | YES | bb | 95.488 | -4.5 | 95 | 64 | 1.717 |
| 38 PCB 104L | 15.60 | 0.806 | 809023 | 509446 | 1.59 | YES | bb | 103.195 | 3.2 | 103 | 65 | 0.997 |
| 39 PCB 123L | 22.98 | 1.188 | 1777233 | 1074686 | 1.65 | YES | bd | 94.097 | -5.9 | 94 | 65 | 2.158 |
| 40 PCB 118L | 23.27 | 1.203 | 1720422 | 1040752 | 1.65 | YES | db | 94.827 | -5.2 | 95 | 65 | 2.089 |
| 41 PCB 114L | 23.73 | 1.226 | 1622322 | 967742 | 1.68 | YES | bb | 95.631 | -4.4 | 96 | 65 | 1.959 |
| 42 PCB 105L | 24.29 | 1.255 | 1643668 | 1004021 | 1.64 | YES | bb | 94.768 | -5.2 | 95 | 65 | 2.003 |
| 43 PCB 126L | 27.11 | 1.401 | 1624981 | 989376 | 1.64 | YES | bb | 95.242 | -4.8 | 95 | 65 | 1.978 |
| 44 PCB 155L | 19.19 | 0.738 | 815203 | 632092 | 1.29 | YES | bb | 101.375 | 1.4 | 101 | 66 | 1.071 |

Quantify Sample Summary Report

MassLynx 4.0 SP1

Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B11CS3_1668A.qld

Last Altered: December 8, 2016 8:34:01 AM Eastern Standard Time

Printed: December 8, 2016 8:34:37 AM Eastern Standard Time

ID:

Date: 08-Dec-2016

Time: 01:37:20

Instrument:

Description: CS3_PCB 150417CXU

| # | Name | RT | RRT | Area | Sec.Area | Ion Ratio | Ratio Flag | Flags | pg/ul | %Dev | %Rec | IS# | RRF |
|----|------------------------|-------|-------|---------|----------|-----------|------------|-------|---------|-------|------|-----|----------|
| 45 | PCB 167L | 28.91 | 1.111 | 1642622 | 1260420 | 1.30 | YES | db | 94.683 | -5.3 | 95 | 66 | 2.148 |
| 46 | PCB 156L/157L | 30.07 | 1.155 | 3018355 | 2309489 | 1.31 | YES | bb | 190.009 | -5.0 | 95 | 66 | 1.971 |
| 47 | PCB 169L | 33.43 | 1.285 | 1580323 | 1199104 | 1.32 | YES | bb | 95.987 | -4.0 | 96 | 66 | 2.056 |
| 48 | PCB 188L | 23.71 | 0.911 | 780958 | 737901 | 1.06 | YES | bb | 101.848 | 1.8 | 102 | 66 | 1.124 |
| 49 | PCB 180L | 31.49 | 0.818 | 740826 | 689218 | 1.07 | YES | bb | 97.086 | -2.9 | 97 | 67 | 1.184 |
| 50 | PCB 170L | 32.80 | 0.852 | 659606 | 626168 | 1.05 | YES | bb | 97.397 | -2.6 | 97 | 67 | 1.064 |
| 51 | PCB 189L | 36.18 | 0.939 | 1437923 | 1347874 | 1.07 | YES | bb | 95.173 | -4.8 | 95 | 67 | 2.306 |
| 52 | PCB 202L | 28.67 | 0.744 | 669485 | 738129 | 0.91 | YES | bb | 97.875 | -2.1 | 98 | 67 | 1.165 |
| 53 | PCB 205L | 39.05 | 1.014 | 836811 | 927067 | 0.90 | YES | bb | 98.795 | -1.2 | 99 | 67 | 1.460 |
| 54 | PCB 208L | 35.67 | 0.926 | 591645 | 766178 | 0.77 | YES | bb | 96.945 | -3.1 | 97 | 67 | 1.124 |
| 55 | PCB 206L | 41.05 | 1.066 | 449987 | 570708 | 0.79 | YES | bb | 103.760 | 3.8 | 104 | 67 | 0.845 |
| 56 | PCB 209L | 42.89 | 1.114 | 551784 | 460178 | 1.20 | YES | bb | 110.968 | 11.0 | 111 | 67 | 0.838 |
| 57 | PCB 28L | 14.12 | 0.938 | 2211085 | 2022513 | 1.09 | YES | db | 98.131 | -1.9 | 98 | 64 | 2.728 |
| 58 | PCB 111L | 21.36 | 1.104 | 1117133 | 683259 | 1.64 | YES | bb | 102.251 | 2.3 | 102 | 65 | 1.362 |
| 59 | PCB 178L | 26.44 | 1.016 | 484202 | 459069 | 1.05 | YES | bb | 107.291 | 7.3 | 107 | 66 | 0.698 |
| 60 | PCB 31L | 13.96 | 0.928 | 2145874 | 1959546 | 1.10 | YES | bd | 95.322 | -4.7 | 95 | 64 | 2.645 |
| 61 | PCB 95L | 17.37 | 0.898 | 789294 | 474807 | 1.66 | YES | bd | 98.874 | -1.1 | 99 | 65 | 0.956 |
| 62 | PCB 153L | 24.88 | 0.956 | 899891 | 700255 | 1.29 | YES | bb | 99.439 | -0.6 | 99 | 66 | 1.184 |
| 63 | PCB 9L | 11.01 | 0.000 | 2383940 | 1425766 | 1.67 | YES | bb | 211.504 | 111.5 | 212 | 0 | 38097... |
| 64 | PCB 52L | 15.05 | 0.000 | 696416 | 855542 | 0.81 | YES | bb | 225.530 | 125.5 | 226 | 0 | 15519... |
| 65 | PCB 101L | 19.35 | 0.000 | 819000 | 502813 | 1.63 | YES | bb | 230.554 | 130.6 | 231 | 0 | 13218... |
| 66 | PCB 138L | 26.02 | 0.000 | 761120 | 590416 | 1.29 | YES | bb | 233.132 | 133.1 | 233 | 0 | 13515... |
| 67 | PCB 194L | 38.52 | 0.000 | 581977 | 626323 | 0.93 | YES | bb | 239.390 | 139.4 | 239 | 0 | 12082... |
| 68 | Total MoCB F1 | | | | | | | | 109.670 | | | 29 | |
| 69 | Total MoCB labeled ... | | | | | | | | 212.504 | | | 63 | |
| 70 | Total DiCB F1 | | | | | | | | 48.094 | | | 31 | |
| 71 | Total DiCB labeled F1 | | | | | | | | 115.218 | | | 63 | |
| 72 | Total DiCB F2 | | | | | | | | 56.701 | | | 32 | |
| 73 | Total DiCB labeled F2 | | | | | | | | 307.849 | | | 63 | |
| 74 | Total TriCB F2 | | | | | | | | 50.052 | | | 33 | |
| 75 | Total TriCB labeled F2 | | | | | | | | 107.291 | | | 63 | |
| 76 | Total TriCB F3 | | | | | | | | 54.771 | | | 34 | |
| 77 | Total TriCB labeled F3 | | | | | | | | 287.127 | | | 64 | |
| 78 | Total TeCB F2 | | | | | | | | 50.407 | | | 35 | |
| 79 | Total TeCB labeled F2 | | | | | | | | 112.617 | | | 64 | |
| 80 | Total TeCB F3 | | | | | | | | | | | 35 | |
| 81 | Total TeCB labeled F3 | | | | | | | | 225.530 | | | 64 | |
| 82 | Total TeCB F4 | | | | | | | | 105.539 | | | 36 | |
| 83 | Total TeCB labeled F4 | | | | | | | | 191.038 | | | 64 | |
| 84 | Total PeCB F3 | | | | | | | | 50.034 | | | 38 | |
| 85 | Total PeCB labeled F3 | | | | | | | | 103.195 | | | 65 | |
| 86 | Total PeCB F4 | | | | | | | | | | | 39 | |
| 87 | Total PeCB labeled F4 | | | | | | | | 431.679 | | | 65 | |
| 88 | Total PeCB F5 | | | | | | | | 269.003 | | | 39 | |
| 89 | Total PeCB labeled F5 | | | | | | | | 474.566 | | | 65 | |
| 90 | Total HxCB F4 | | | | | | | | 50.235 | | | 44 | |
| 91 | Total HxCB labeled F4 | | | | | | | | 101.375 | | | 66 | |
| 92 | Total HxCB F5 | | | | | | | | | | | 45 | |

Acquired Date,

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B11CS3_1668A.qld

Last Altered: December 8, 2016 8:34:01 AM Eastern Standard Time

Printed: December 8, 2016 8:34:37 AM Eastern Standard Time

ID:

Date: 08-Dec-2016

Time: 01:37:20

Instrument:

Description: CS3_PCB 150417CXU

| # | Name | RT | RRT | Area | Sec.Area | Ion Ratio | Ratio Flag | Flags | pg/ul | %Dev | %Rec | IS# | RRF |
|-----|------------------------|----|-----|------|----------|-----------|------------|-------|---------|------|------|-----|-----|
| 93 | Total HxCB labeled F5 | | | | | | | | 332.571 | | | 66 | |
| 94 | Total HxCB F6 | | | | | | | | 216.882 | | | 45 | |
| 95 | Total HxCB labeled F6 | | | | | | | | 380.679 | | | 66 | |
| 96 | Total HpCB F5 | | | | | | | | 49.229 | | | 48 | |
| 97 | Total HpCB labeled ... | | | | | | | | 209.139 | | | 67 | |
| 98 | Total HpCB F6 | | | | | | | | 98.179 | | | 49 | |
| 99 | Total HpCB labeled ... | | | | | | | | 194.482 | | | 67 | |
| 100 | Total HpCB F7 | | | | | | | | 52.791 | | | 51 | |
| 101 | Total HpCB labeled ... | | | | | | | | 95.173 | | | 67 | |
| 102 | Total OcCB F6 | | | | | | | | 48.722 | | | 52 | |
| 103 | Total OcCB labeled ... | | | | | | | | 97.875 | | | 67 | |
| 104 | Total OcCB F7 | | | | | | | | 48.370 | | | 53 | |
| 105 | Total OcCB labeled ... | | | | | | | | 338.185 | | | 67 | |
| 106 | Total NoCB F7 | | | | | | | | 98.657 | | | 54 | |
| 107 | Total NoCB labeled ... | | | | | | | | 200.705 | | | 67 | |
| 108 | Total DeCB F7 | | | | | | | | 46.693 | | | 56 | |
| 109 | Total DeCB labeled ... | | | | | | | | 110.968 | | | 67 | |
| 110 | lockmass F1 | | | | | | | | | | | 0 | |
| 111 | lockmass F2 | | | | | | | | | | | 0 | |
| 112 | lockmass F3 | | | | | | | | | | | 0 | |
| 113 | lockmass F4 | | | | | | | | | | | 0 | |
| 114 | lockmass F5 | | | | | | | | | | | 0 | |
| 115 | lockmass F6 | | | | | | | | | | | 0 | |
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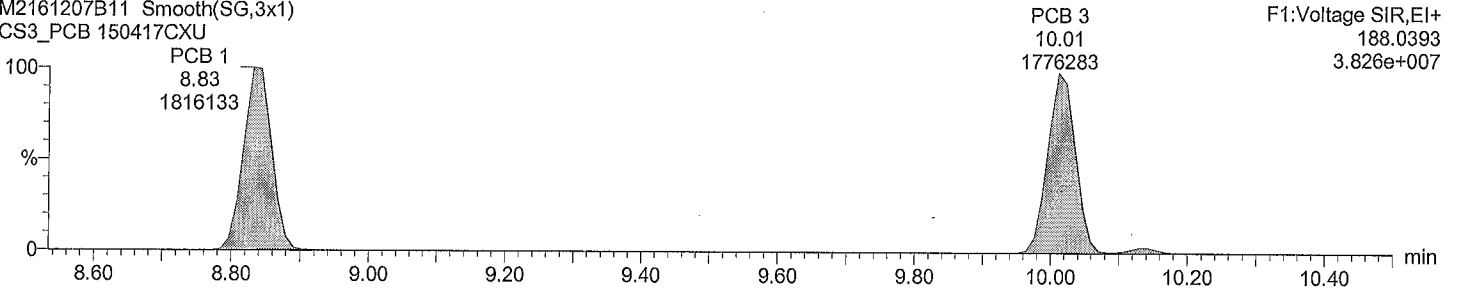
Last Altered: December 8, 2016 8:34:01 AM Eastern Standard Time
Printed: December 8, 2016 8:34:29 AM Eastern Standard Time

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Description: CS3_PCB 150417CXU
Vial: 1
Date: 08-Dec-2016
Time: 01:37:20
Instrument:

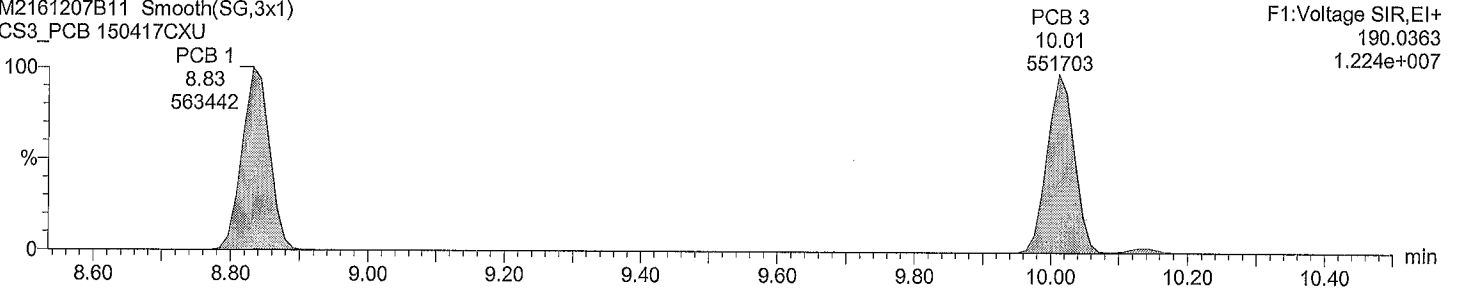
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M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU



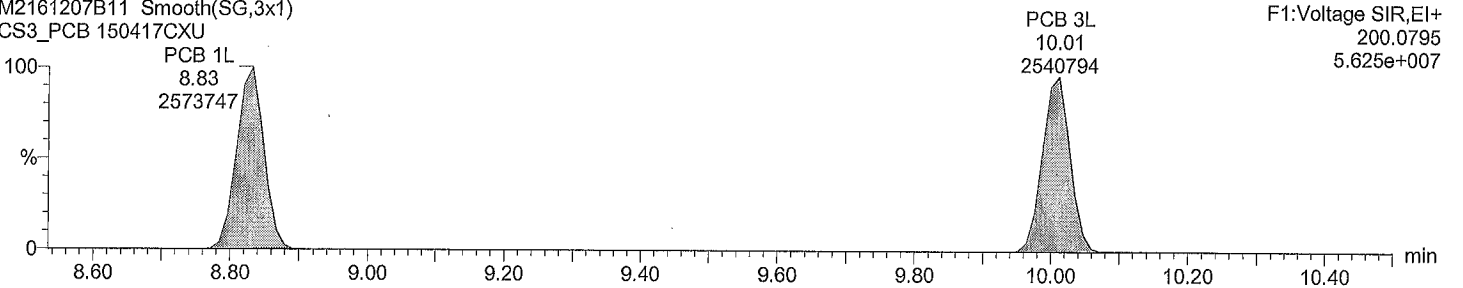
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M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU



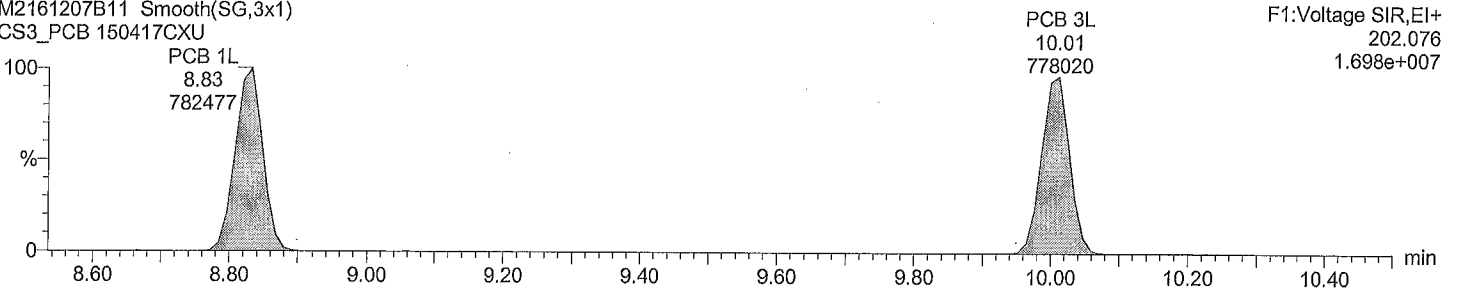
Total MoCB labeled F1

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU



Total MoCB labeled F1

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU



Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B11CS3_1668A.qld

Last Altered: December 8, 2016 8:34:01 AM Eastern Standard Time

Printed: December 8, 2016 8:34:29 AM Eastern Standard Time

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Vial: 1

Date: 08-Dec-2016

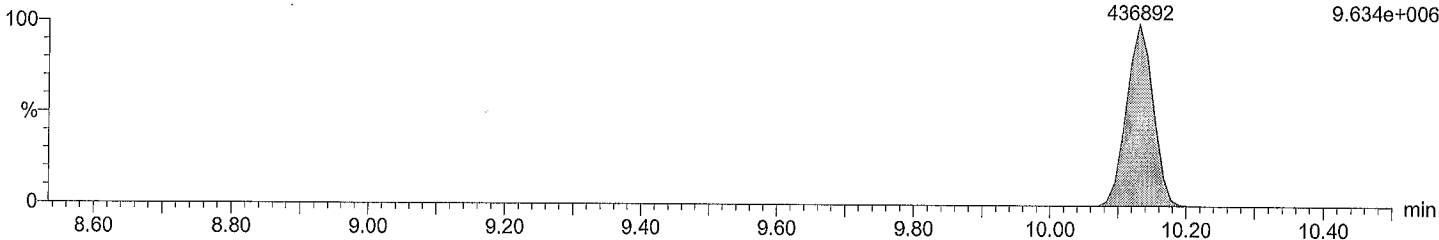
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Total DiCB F1

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

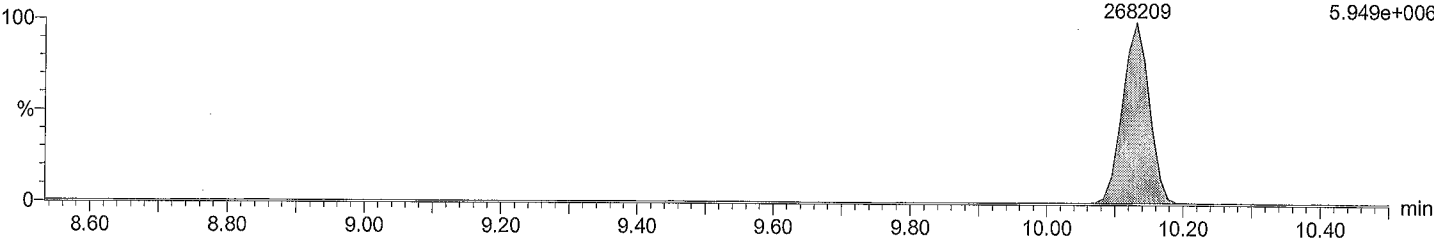
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10.13
436892
F1:Voltage SIR,EI+
222.0003
9.634e+006



Total DiCB F1

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

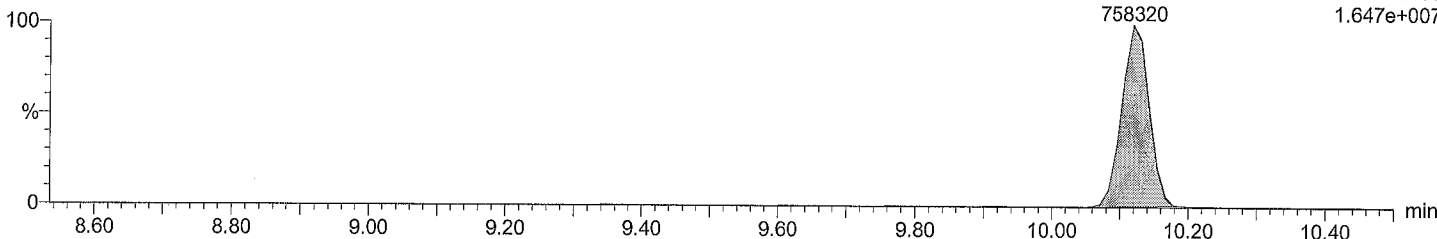
PCB 4
10.13
268209
F1:Voltage SIR,EI+
223.9974
5.949e+006



Total DiCB labeled F1

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

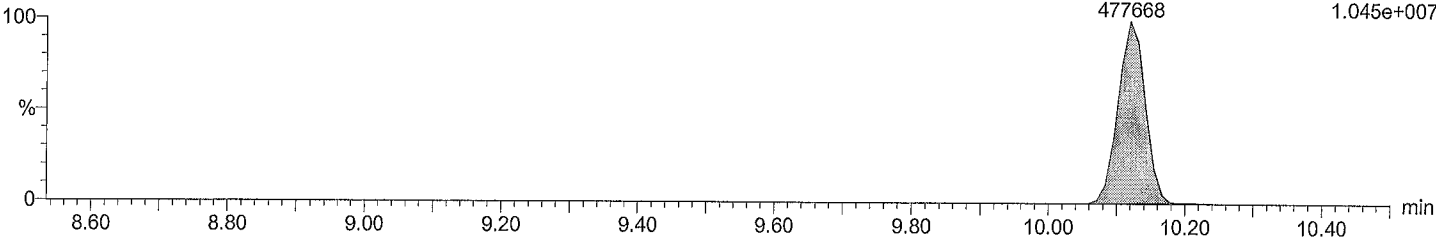
PCB 4L
10.12
758320
F1:Voltage SIR,EI+
234.0406
1.647e+007



Total DiCB labeled F1

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 4L
10.12
477668
F1:Voltage SIR,EI+
236.0376
1.045e+007



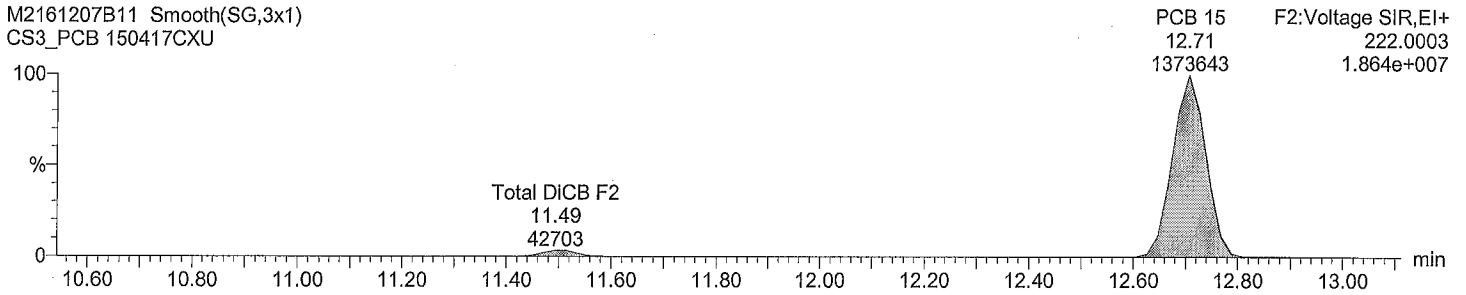
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Description: CS3_PCB 150417CXU
Vial: 1
Date: 08-Dec-2016
Time: 01:37:20
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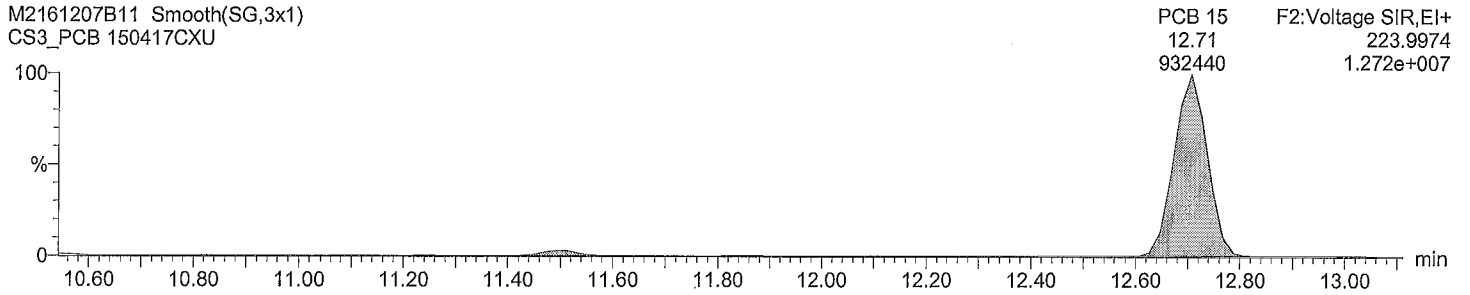
Total DiCB F2

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU



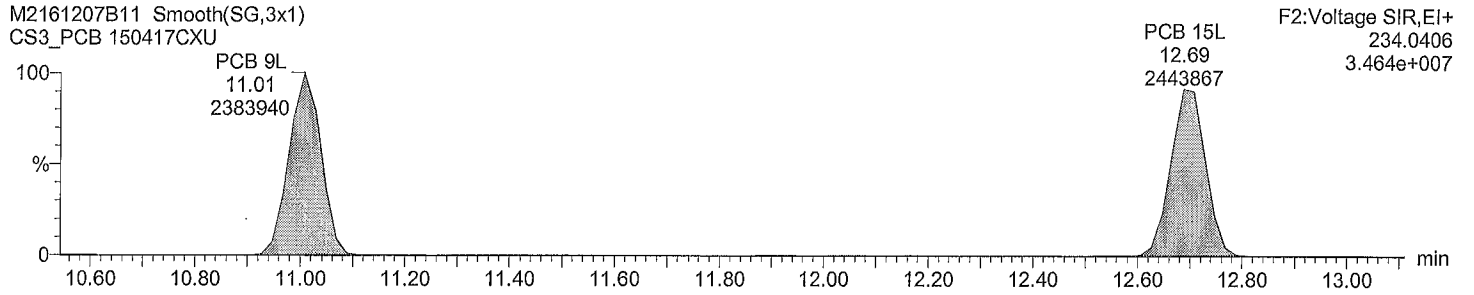
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M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU



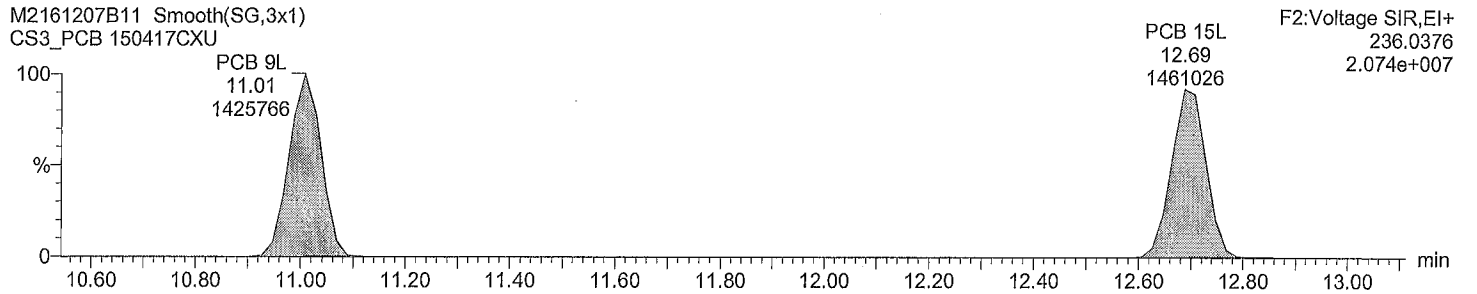
Total DiCB labeled F2

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU



Total DiCB labeled F2

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU



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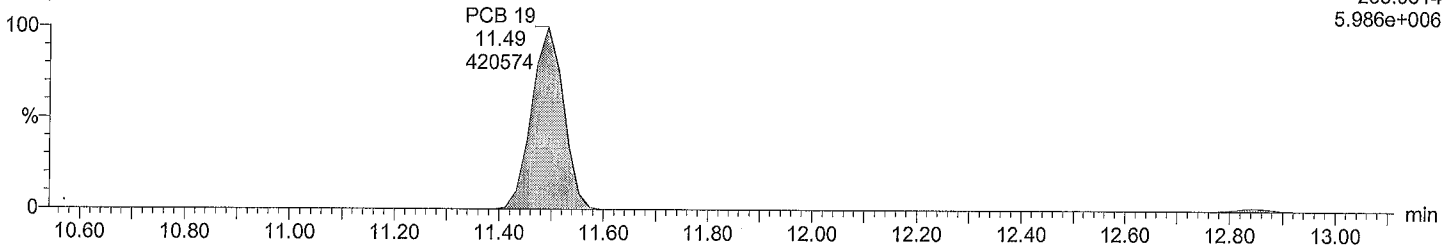
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Printed: December 8, 2016 8:34:29 AM Eastern Standard Time

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Vial: 1
Date: 08-Dec-2016
Time: 01:37:20
Instrument:

Total TriCB F2

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

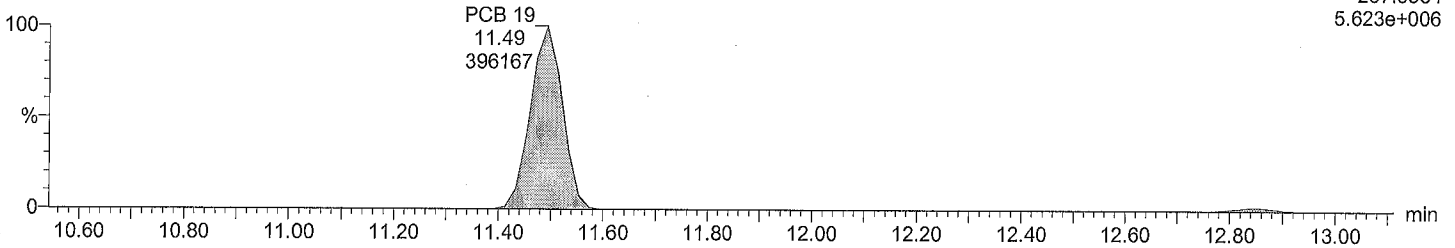
F2:Voltage SIR,EI+
255.9614
5.986e+006



Total TriCB F2

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

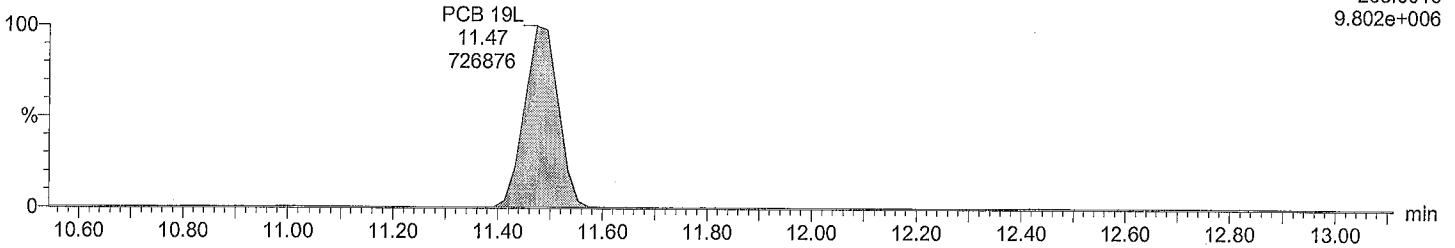
F2:Voltage SIR,EI+
257.9584
5.623e+006



Total TriCB labeled F2

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

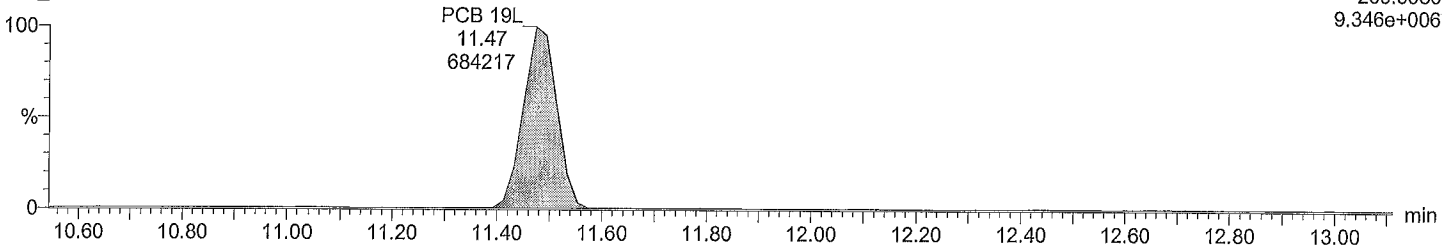
F2:Voltage SIR,EI+
268.0016
9.802e+006



Total TriCB labeled F2

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

F2:Voltage SIR,EI+
269.9986
9.346e+006



Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B11CS3_1668A.qld

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Vial: 1

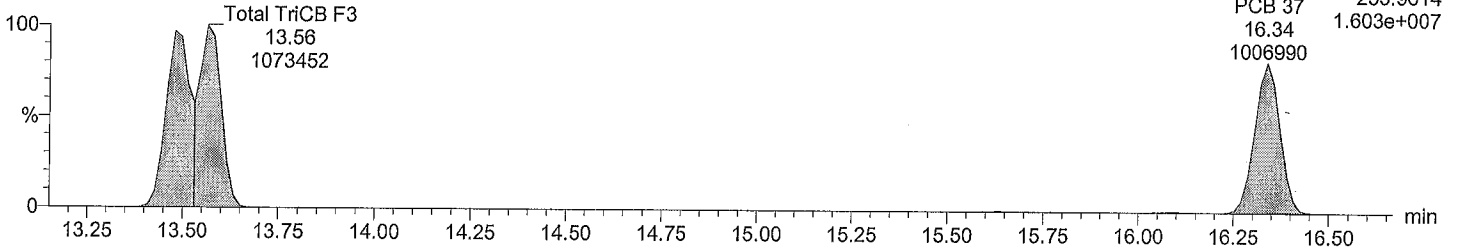
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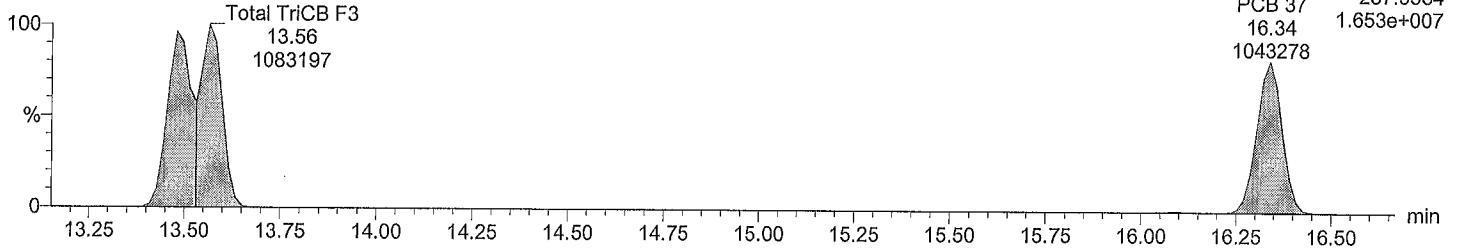
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M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU



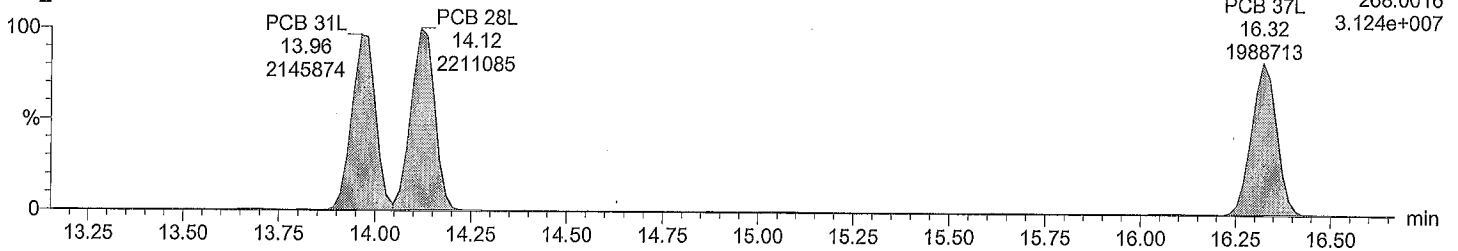
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CS3_PCB 150417CXU



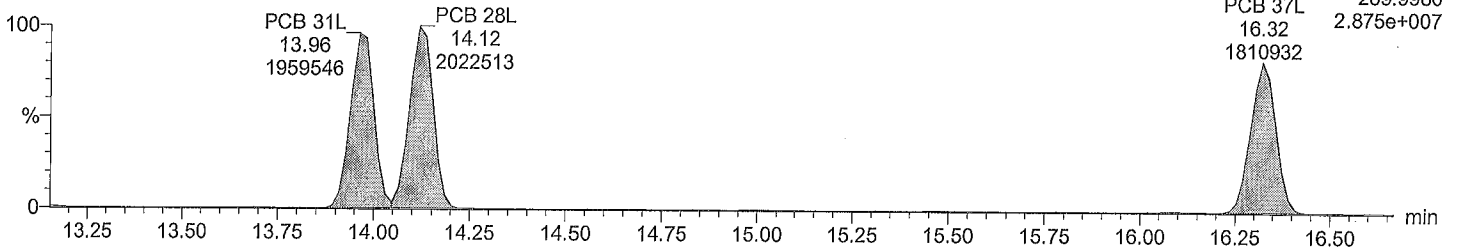
Total TriCB labeled F3

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU



Total TriCB labeled F3

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU



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Last Altered: December 8, 2016 8:34:01 AM Eastern Standard Time

Printed: December 8, 2016 8:34:29 AM Eastern Standard Time

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Vial: 1

Date: 08-Dec-2016

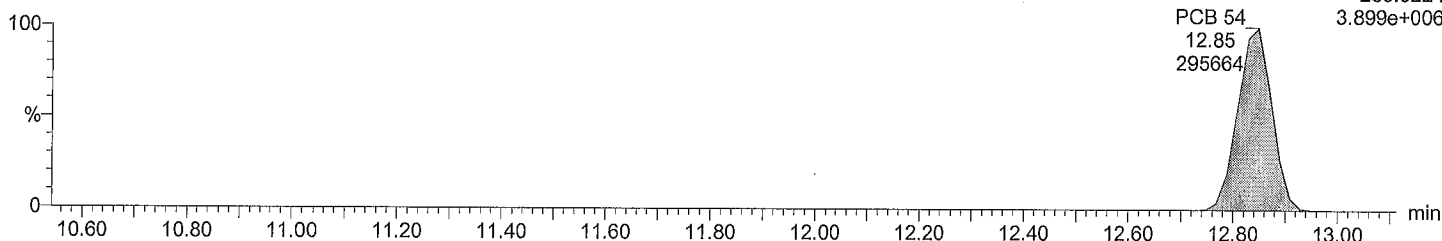
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Instrument:

Total TeCB F2

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

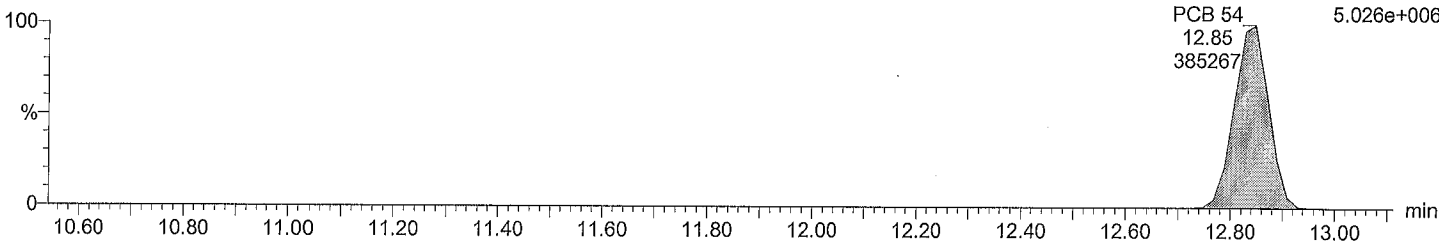
F2:Voltage SIR,EI+
289.9224
3.899e+006



Total TeCB F2

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

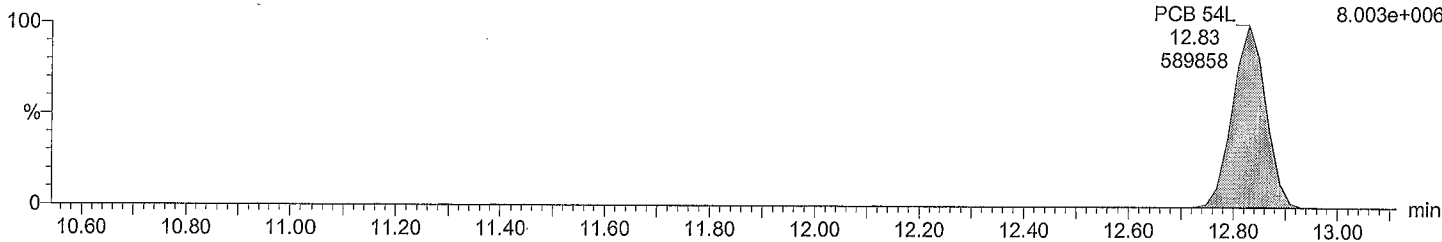
F2:Voltage SIR,EI+
291.9194
5.026e+006



Total TeCB labeled F2

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

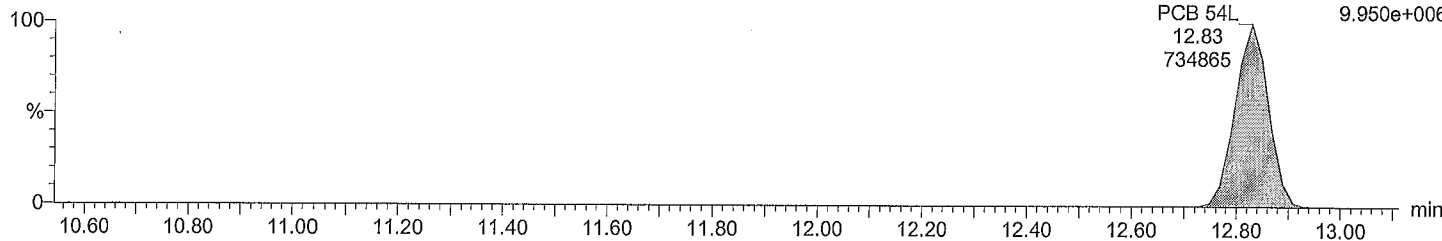
F2:Voltage SIR,EI+
301.9626
8.003e+006



Total TeCB labeled F2

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

F2:Voltage SIR,EI+
303.9597
9.950e+006



Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B11CS3_1668A.qld

Last Altered: December 8, 2016 8:34:01 AM Eastern Standard Time

Printed: December 8, 2016 8:34:29 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 1

Date: 08-Dec-2016

Time: 01:37:20

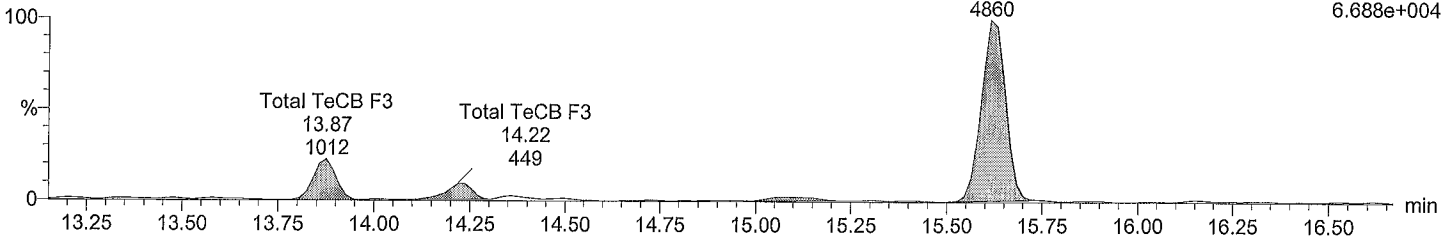
Instrument:

Total TeCB F3

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

Total TeCB F3
15.61
4860

F3:Voltage SIR,EI+
289.9224
6.688e+004

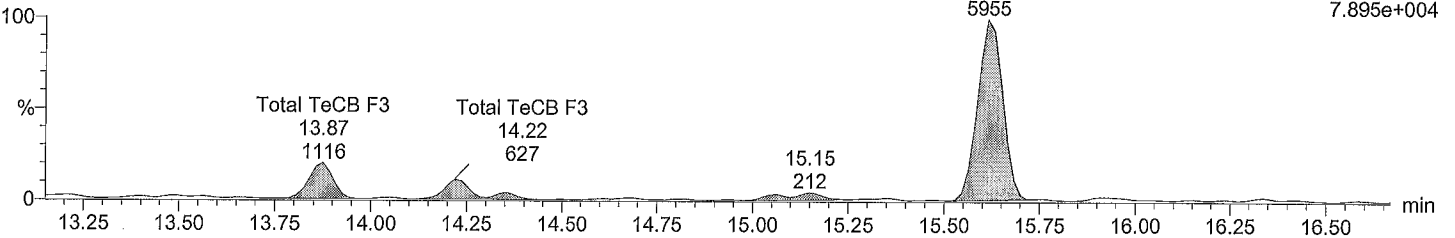


Total TeCB F3

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

Total TeCB F3
15.61
5955

F3:Voltage SIR,EI+
291.9194
7.895e+004

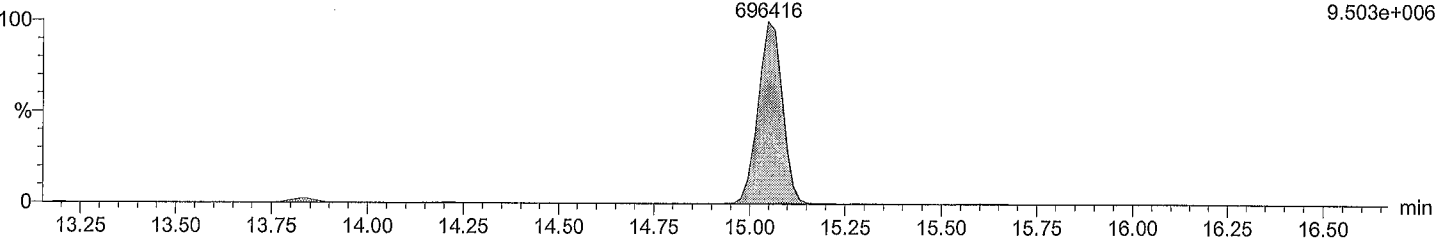


Total TeCB labeled F3

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 52L
15.05
696416

F3:Voltage SIR,EI+
301.9626
9.503e+006

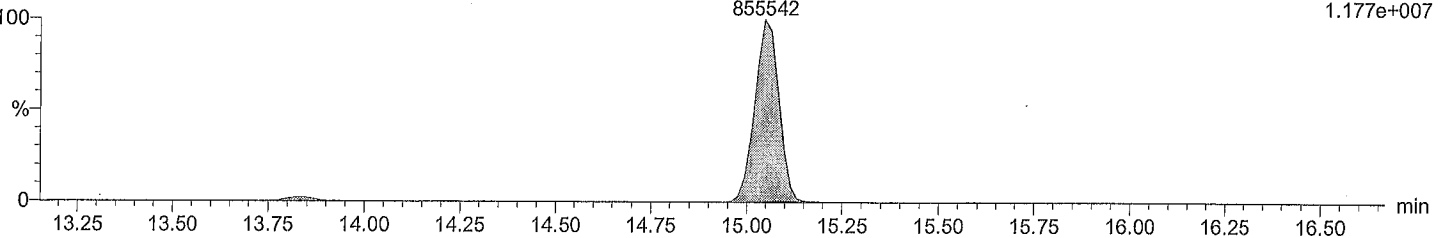


Total TeCB labeled F3

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 52L
15.05
855542

F3:Voltage SIR,EI+
303.9597
1.177e+007



Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B11CS3_1668A.qld

Last Altered: December 8, 2016 8:34:01 AM Eastern Standard Time

Printed: December 8, 2016 8:34:29 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 1

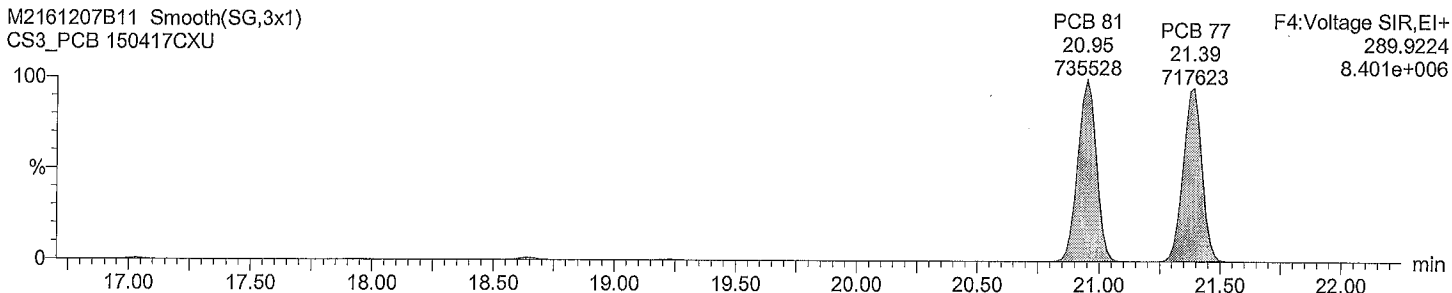
Date: 08-Dec-2016

Time: 01:37:20

Instrument:

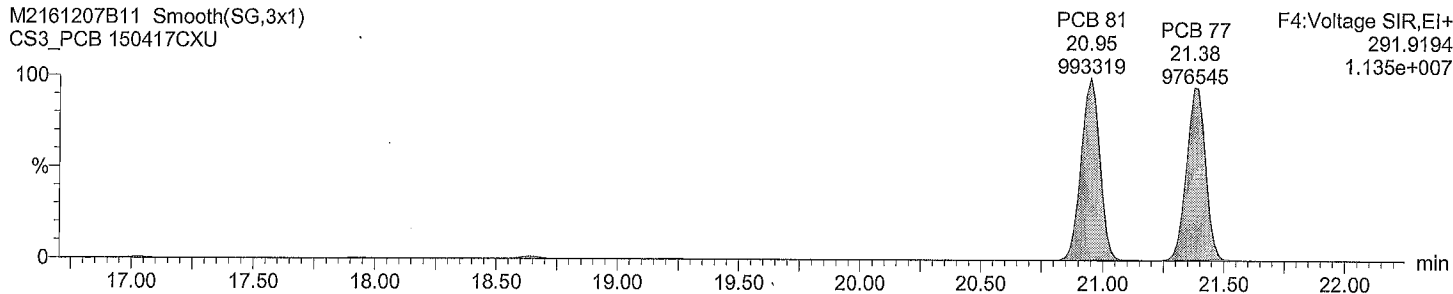
Total TeCB F4

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU



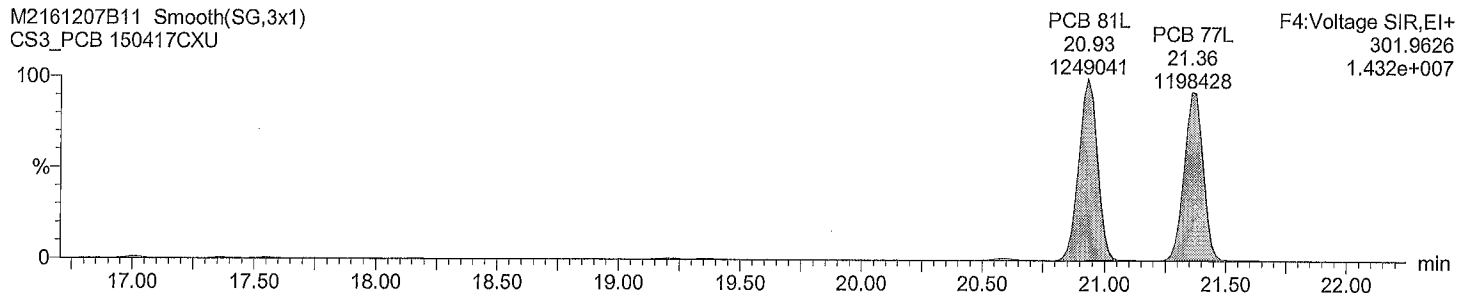
Total TeCB F4

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU



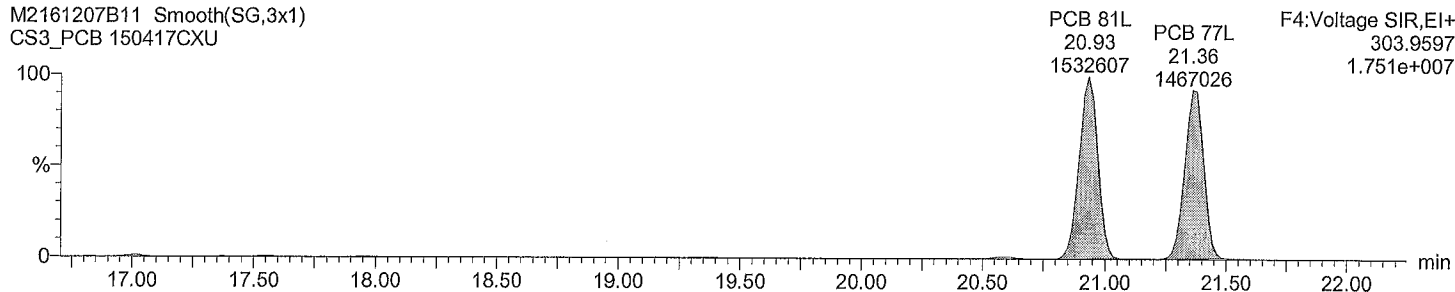
Total TeCB labeled F4

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU



Total TeCB labeled F4

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU



Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B11CS3_1668A.qld

Last Altered: December 8, 2016 8:34:01 AM Eastern Standard Time

Printed: December 8, 2016 8:34:29 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 1

Date: 08-Dec-2016

Time: 01:37:20

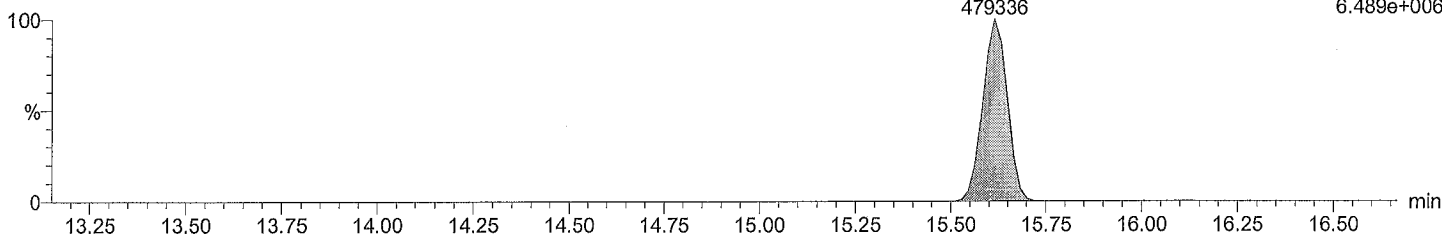
Instrument:

Total PeCB F3

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 104
15.61
479336

F3:Voltage SIR,EI+
325.8805
6.489e+006

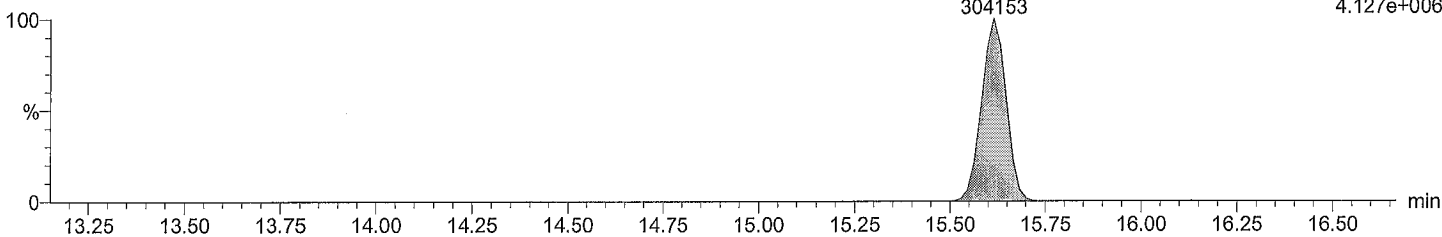


Total PeCB F3

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 104
15.61
304153

F3:Voltage SIR,EI+
327.8775
4.127e+006

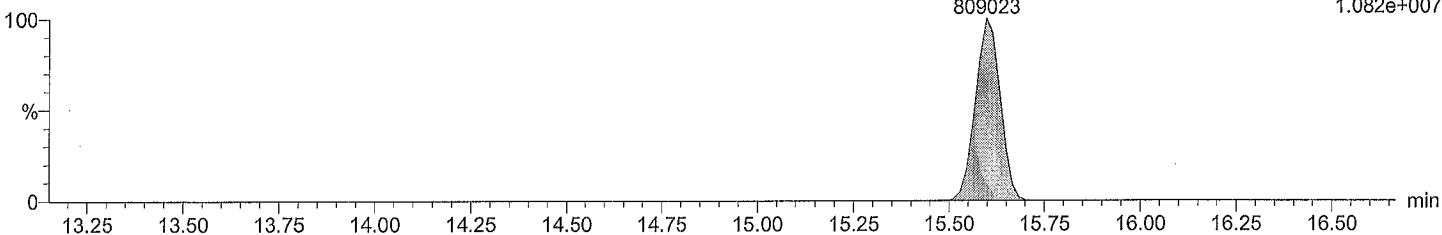


Total PeCB labeled F3

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 104L
15.60
809023

F3:Voltage SIR,EI+
337.9207
1.082e+007

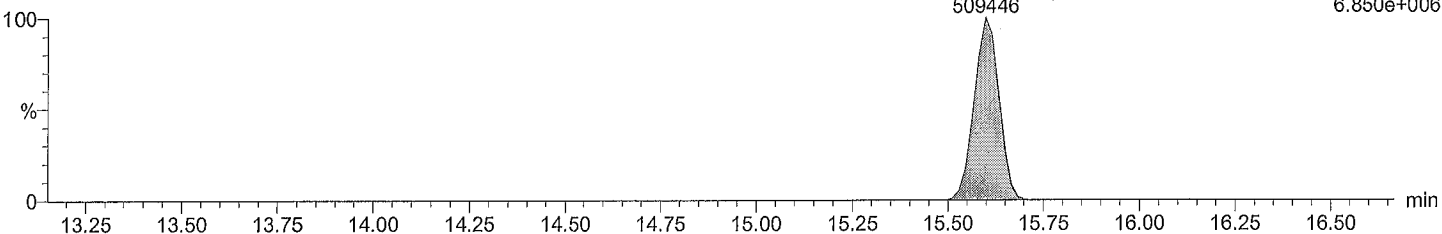


Total PeCB labeled F3

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 104L
15.60
509446

F3:Voltage SIR,EI+
339.9178
6.850e+006



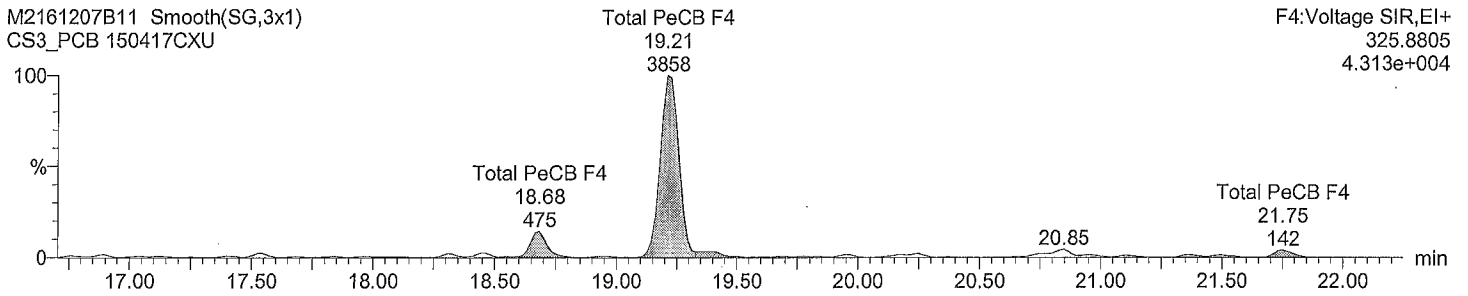
Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B11CS3_1668A.qld

Last Altered: December 8, 2016 8:34:01 AM Eastern Standard Time
Printed: December 8, 2016 8:34:29 AM Eastern Standard Time

Description: CS3_PCB 150417CXU
Vial: 1
Date: 08-Dec-2016
Time: 01:37:20
Instrument:

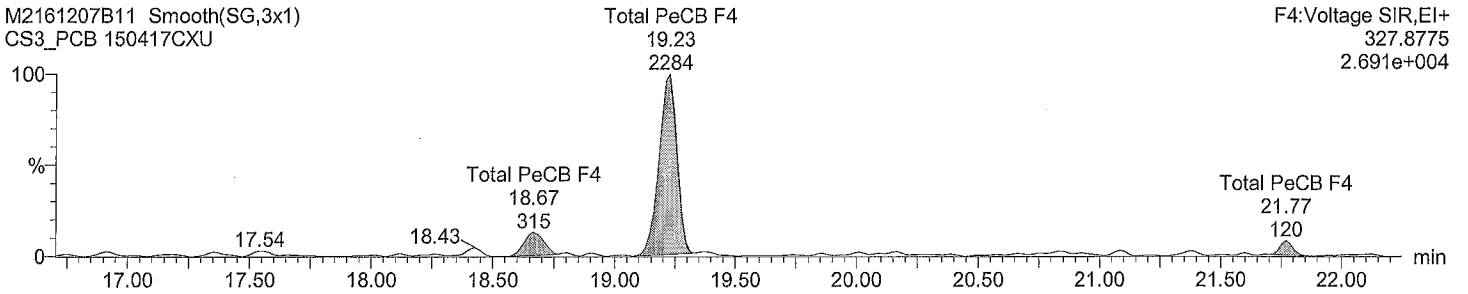
Total PeCB F4

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU



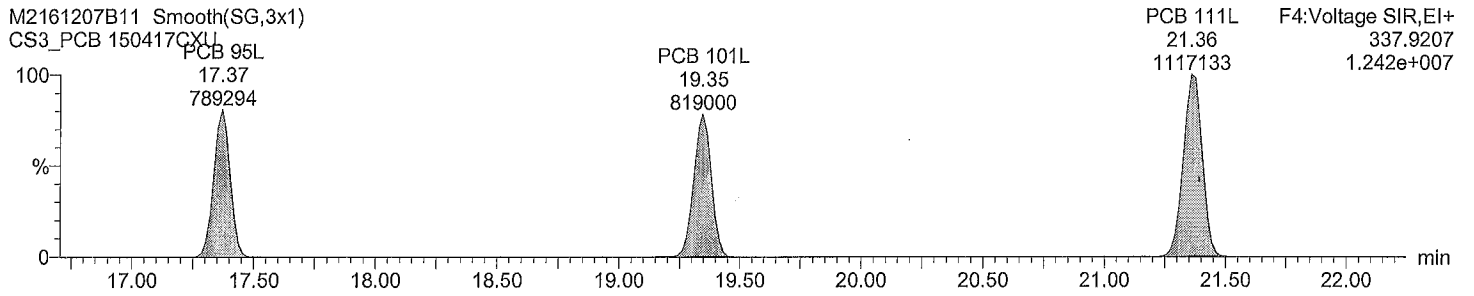
Total PeCB F4

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU



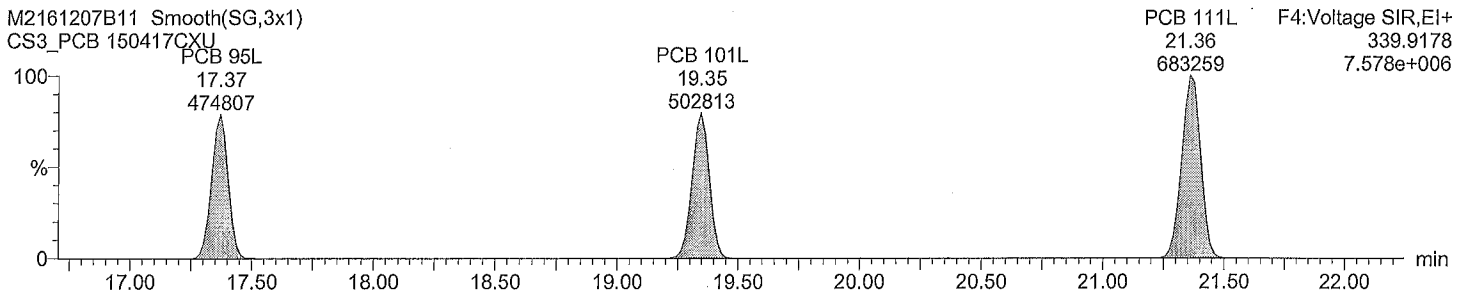
Total PeCB labeled F4

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU



Total PeCB labeled F4

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU



Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B11CS3_1668A.qld

Last Altered: December 8, 2016 8:34:01 AM Eastern Standard Time

Printed: December 8, 2016 8:34:29 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 1

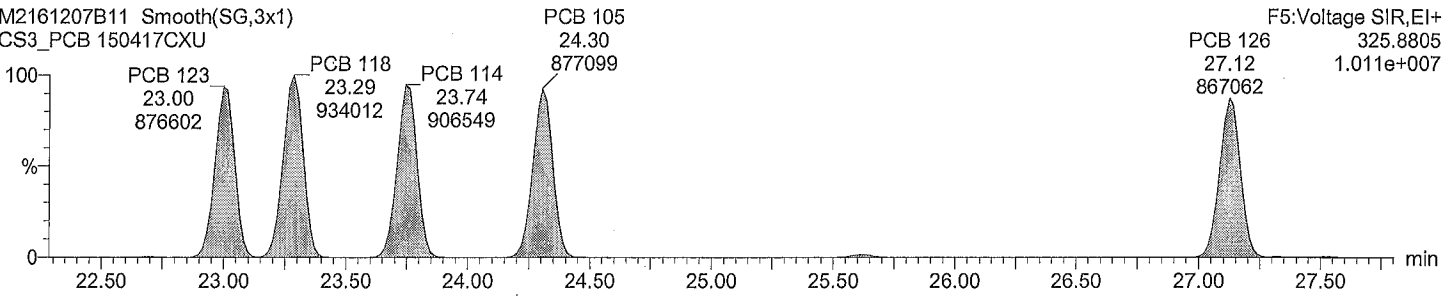
Date: 08-Dec-2016

Time: 01:37:20

Instrument:

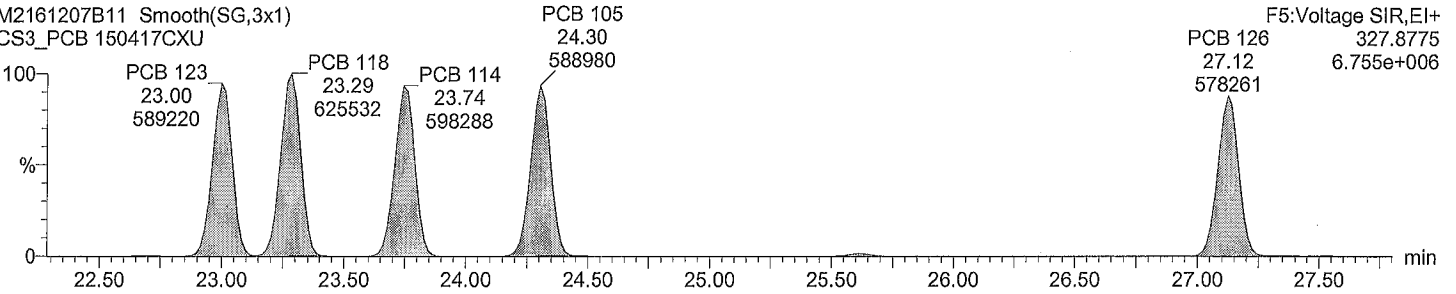
Total PeCB F5

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU



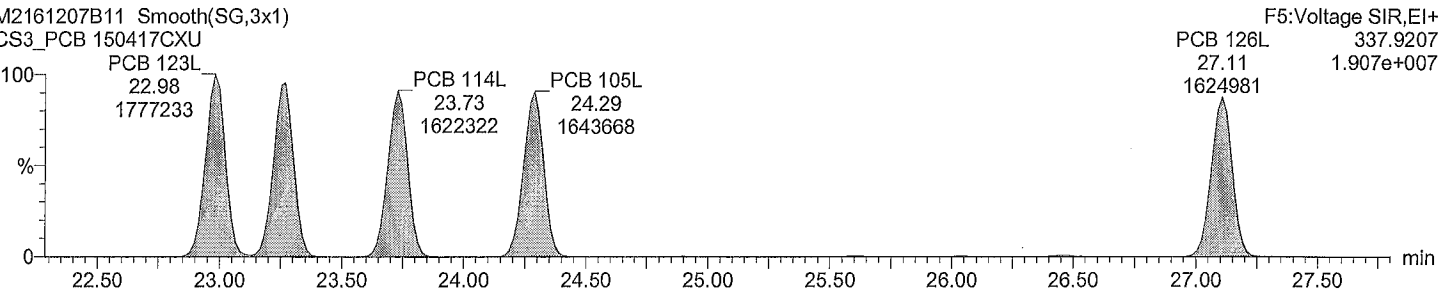
Total PeCB F5

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU



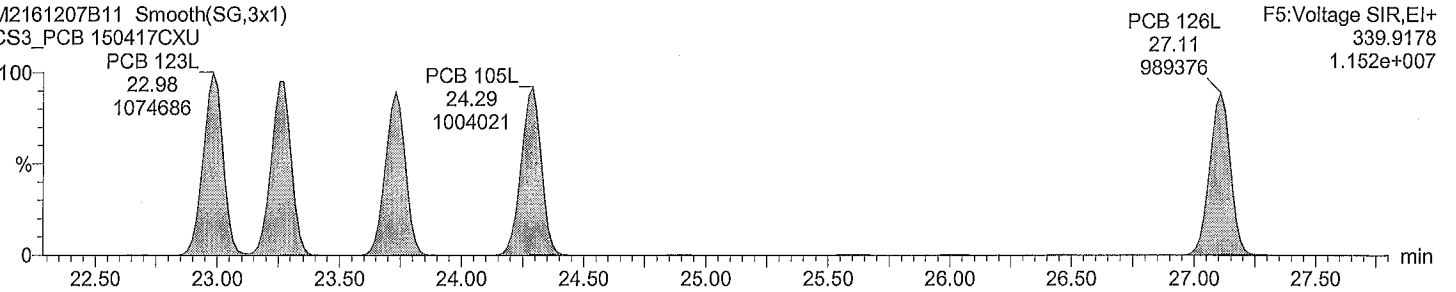
Total PeCB labeled F5

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU



Total PeCB labeled F5

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU



Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B11CS3_1668A.qld

Last Altered: December 8, 2016 8:34:01 AM Eastern Standard Time
Printed: December 8, 2016 8:34:29 AM Eastern Standard Time

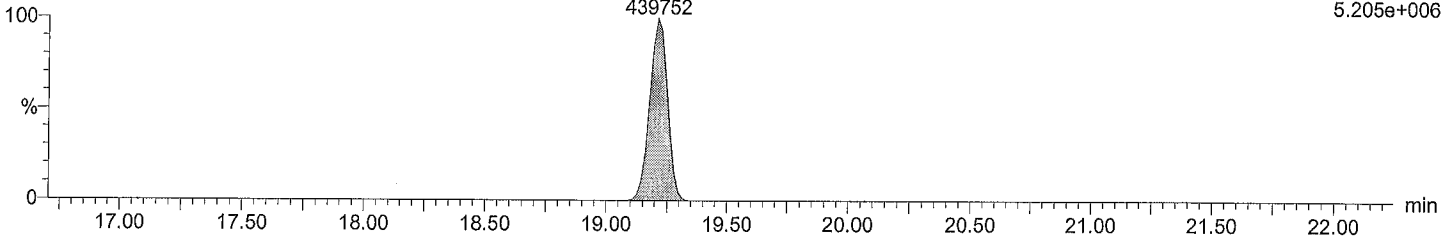
Description: CS3_PCB 150417CXU
Vial: 1
Date: 08-Dec-2016
Time: 01:37:20
Instrument:

Total HxCB F4

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 155
19.21
439752

F4:Voltage SIR,EI+
359.8415
5.205e+006

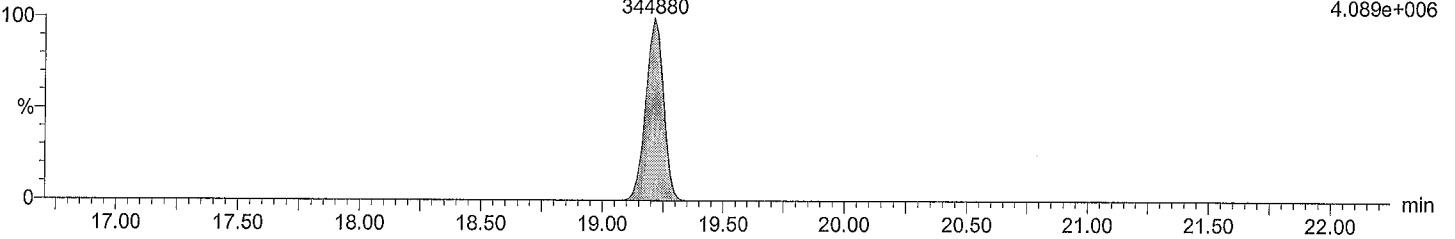


Total HxCB F4

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 155
19.21
344880

F4:Voltage SIR,EI+
361.8385
4.089e+006

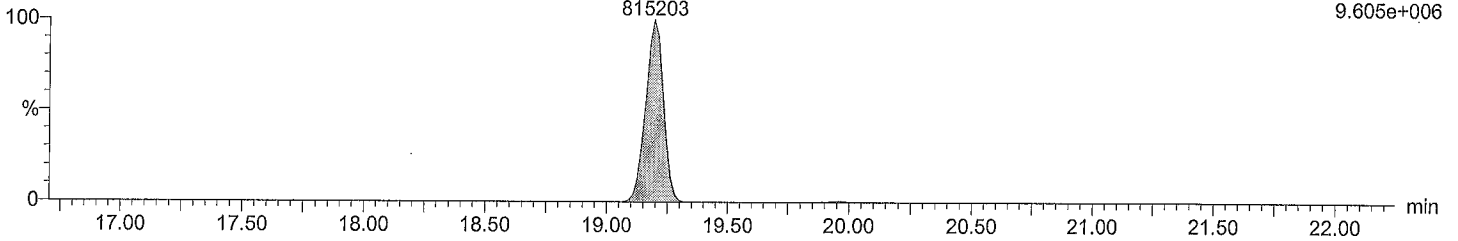


Total HxCB labeled F4

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 155L
19.19
815203

F4:Voltage SIR,EI+
371.8817
9.605e+006

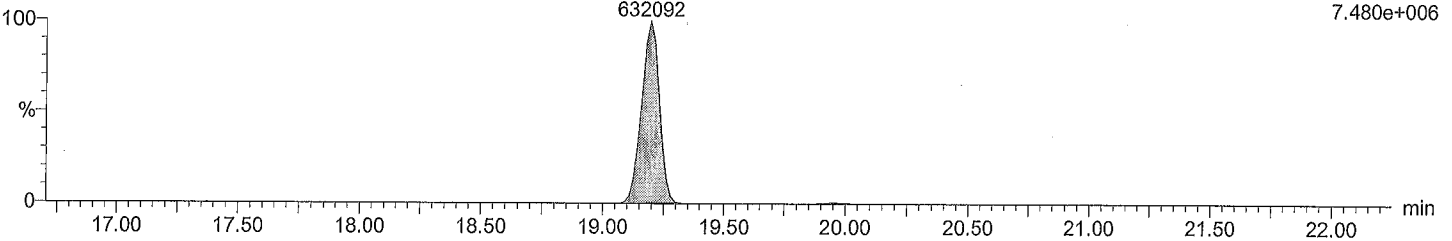


Total HxCB labeled F4

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 155L
19.19
632092

F4:Voltage SIR,EI+
373.8788
7.480e+006



Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B11CS3_1668A.qld

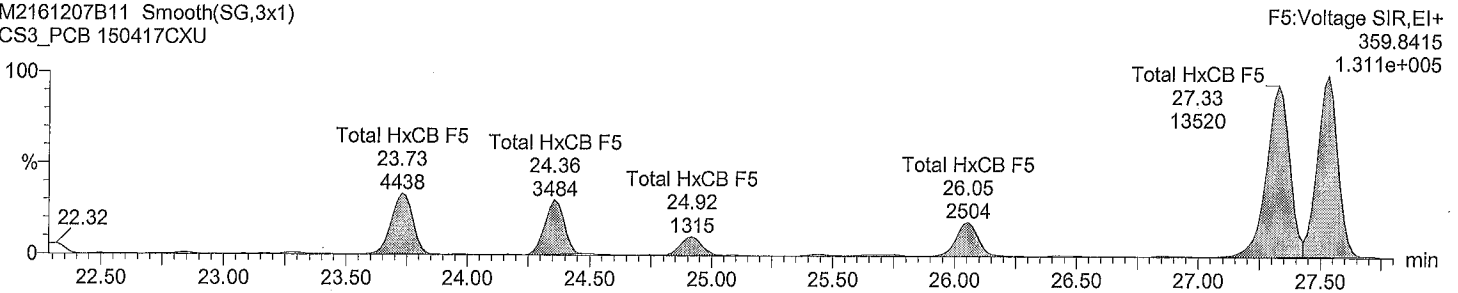
Last Altered: December 8, 2016 8:34:01 AM Eastern Standard Time
Printed: December 8, 2016 8:34:29 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 1
Date: 08-Dec-2016
Time: 01:37:20
Instrument:

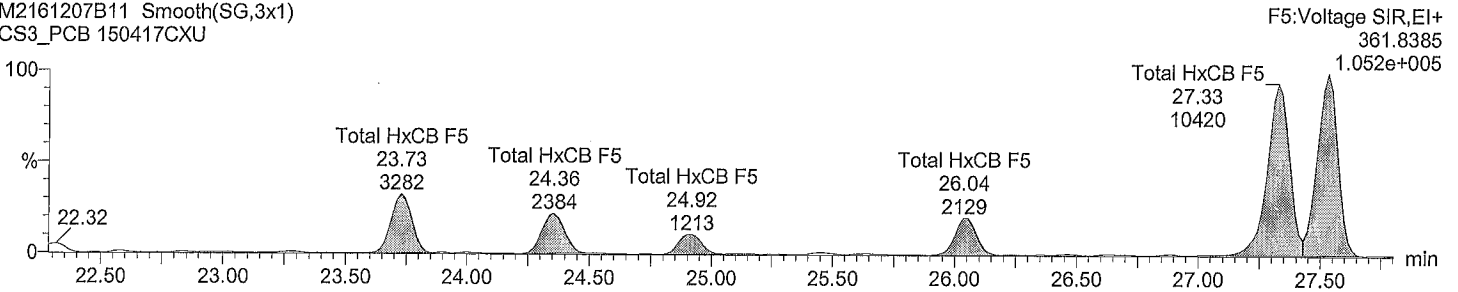
Total HxCB F5

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU



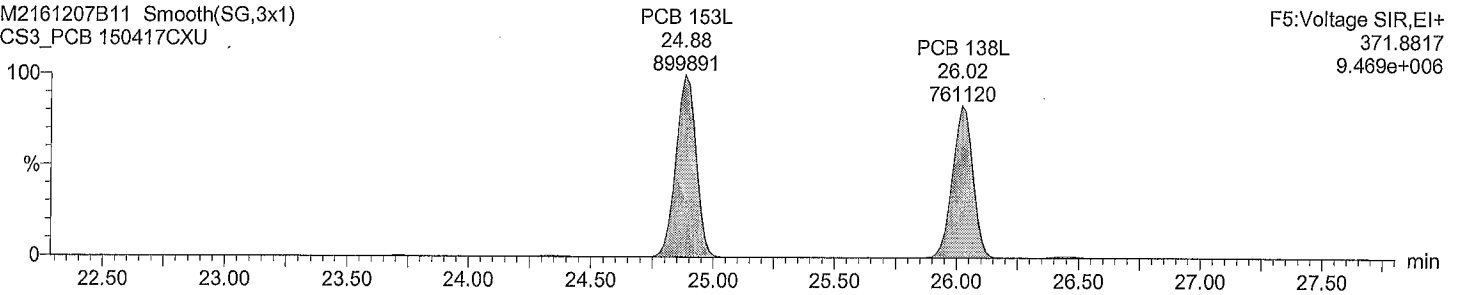
Total HxCB F5

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU



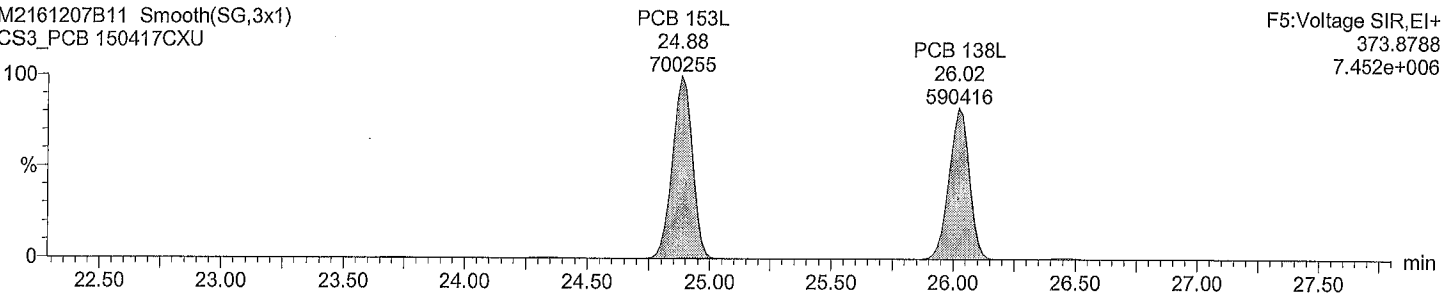
Total HxCB labeled F5

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU



Total HxCB labeled F5

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU



Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B11CS3_1668A.qld

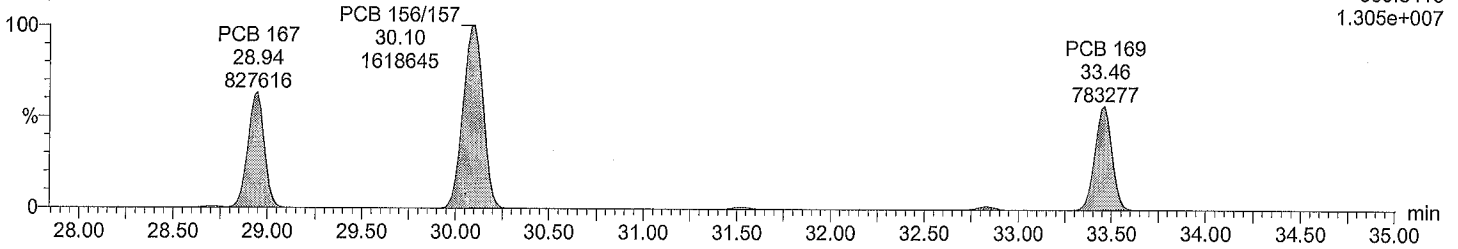
Last Altered: December 8, 2016 8:34:01 AM Eastern Standard Time
Printed: December 8, 2016 8:34:29 AM Eastern Standard Time

Description: CS3_PCB 150417CXU
Vial: 1
Date: 08-Dec-2016
Time: 01:37:20
Instrument:

Total HxCB F6

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

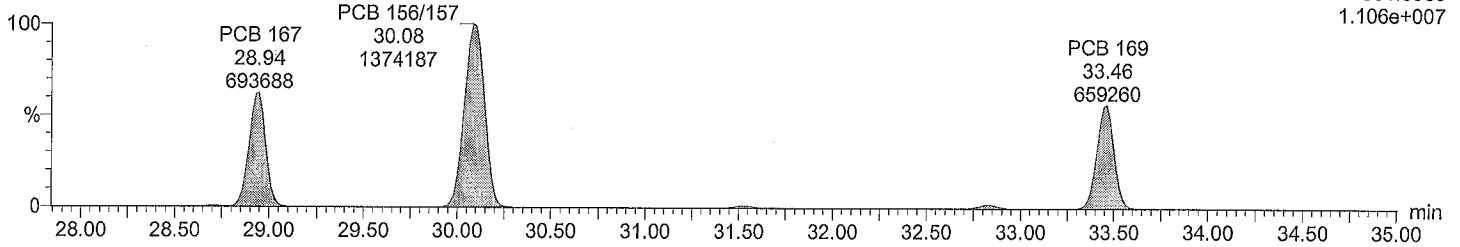
F6:Voltage SIR,EI+
359.8415
1.305e+007



Total HxCB F6

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

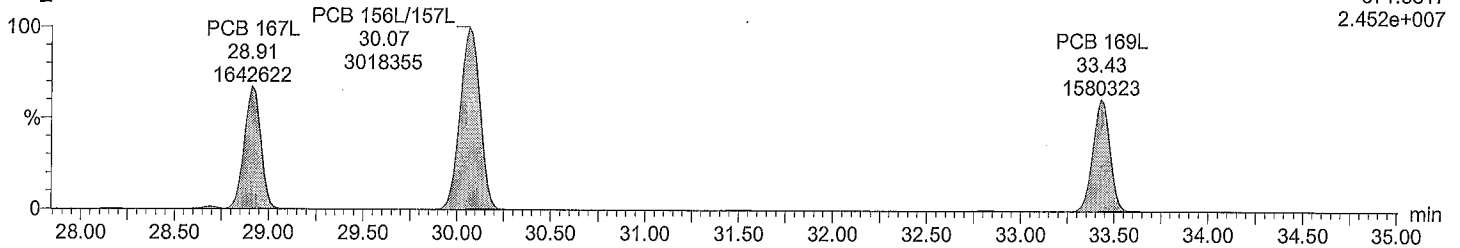
F6:Voltage SIR,EI+
361.8385
1.106e+007



Total HxCB labeled F6

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

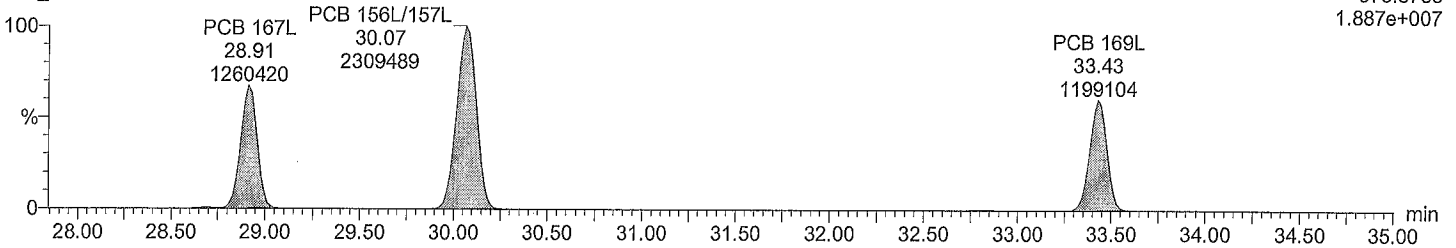
F6:Voltage SIR,EI+
371.8817
2.452e+007



Total HxCB labeled F6

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

F6:Voltage SIR,EI+
373.8788
1.887e+007



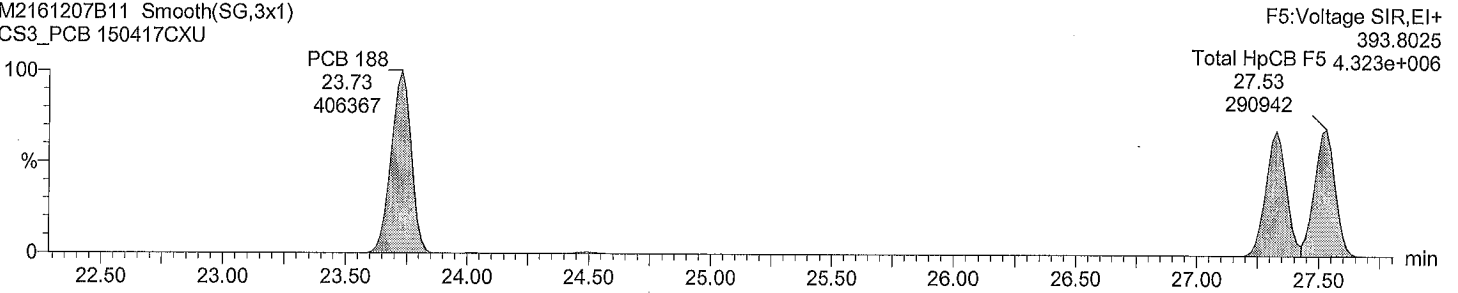
Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B11CS3_1668A.qld

Last Altered: December 8, 2016 8:34:01 AM Eastern Standard Time
Printed: December 8, 2016 8:34:29 AM Eastern Standard Time

Description: CS3_PCB 150417CXU
Vial: 1
Date: 08-Dec-2016
Time: 01:37:20
Instrument:

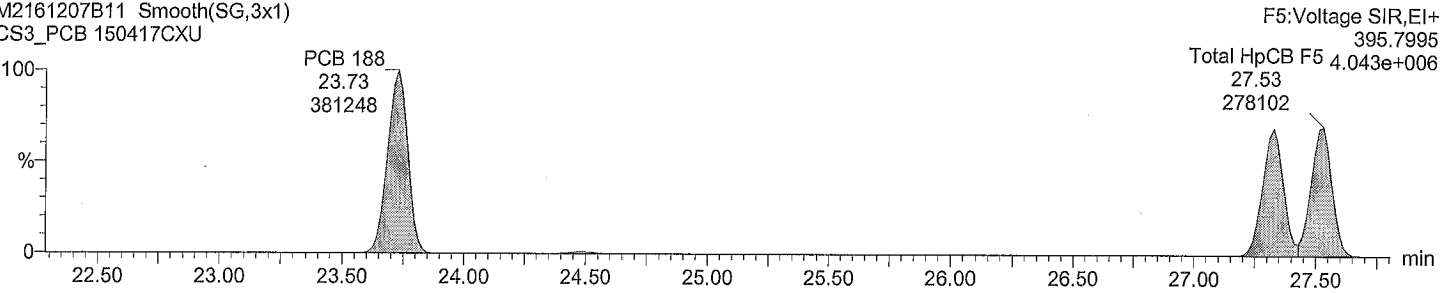
Total HpCB F5

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU



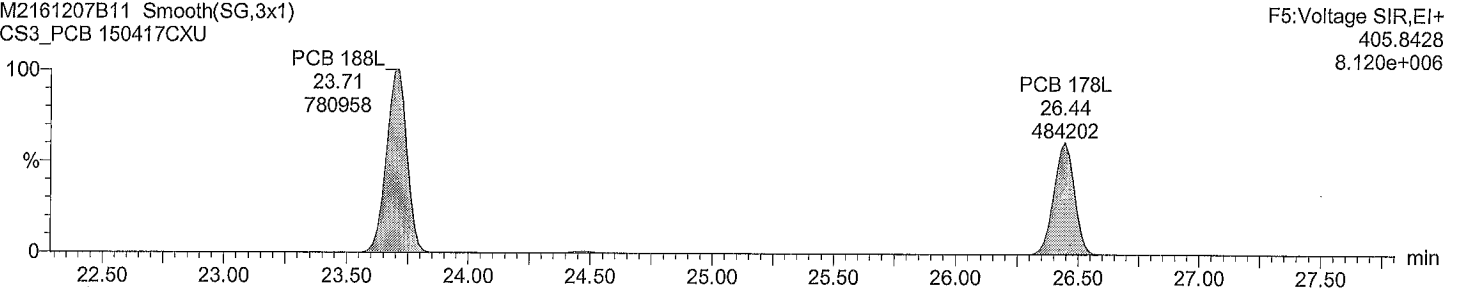
Total HpCB F5

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU



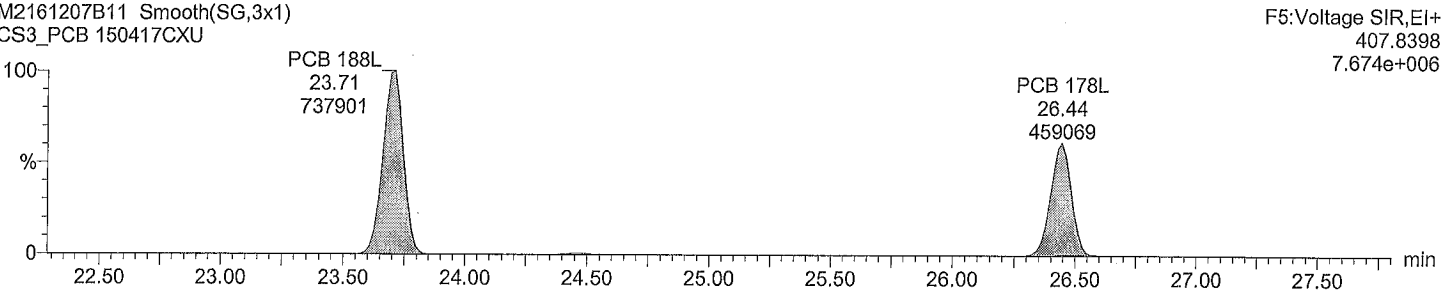
Total HpCB labeled F5

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU



Total HpCB labeled F5

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU



Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B11CS3_1668A.qld

Last Altered: December 8, 2016 8:34:01 AM Eastern Standard Time
Printed: December 8, 2016 8:34:29 AM Eastern Standard Time

Description: CS3_PCB 150417CXU
Vial: 1
Date: 08-Dec-2016
Time: 01:37:20
Instrument:

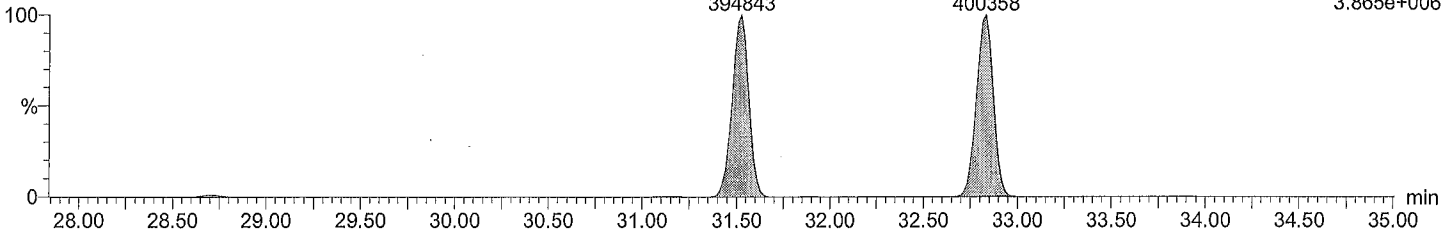
Total HpCB F6

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 193/180
31.53
394843

PCB 170
32.83
400358

F6:Voltage SIR,EI+
393.8025
3.865e+006



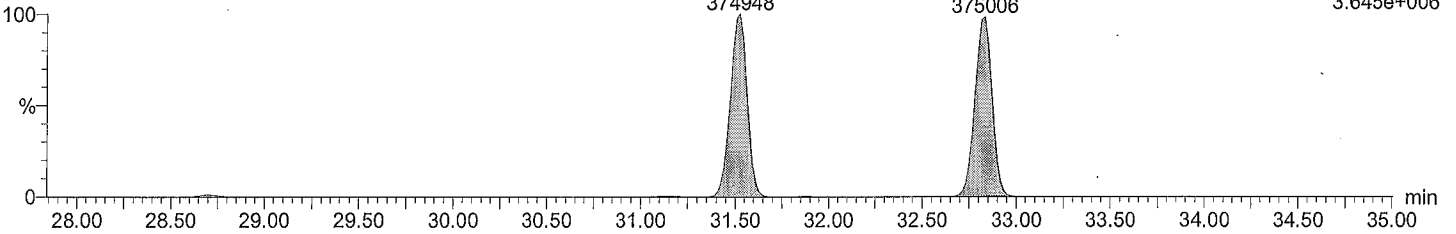
Total HpCB F6

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 193/180
31.53
374948

PCB 170
32.83
375006

F6:Voltage SIR,EI+
395.7995
3.645e+006



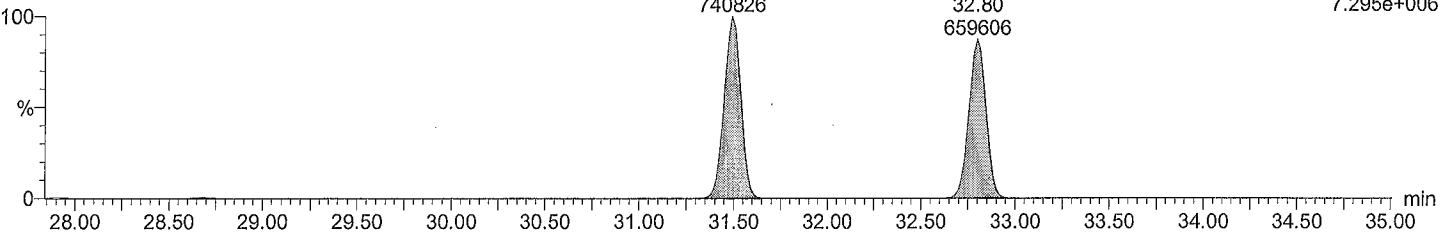
Total HpCB labeled F6

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 180L
31.49
740826

PCB 170L
32.80
659606

F6:Voltage SIR,EI+
405.8428
7.295e+006



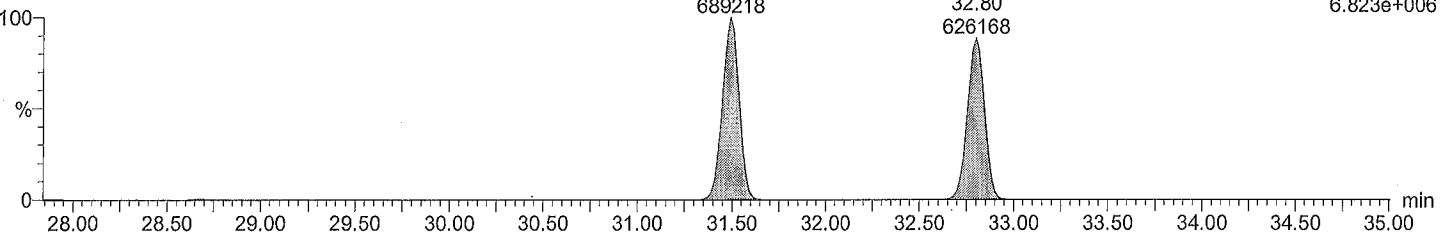
Total HpCB labeled F6

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 180L
31.49
689218

PCB 170L
32.80
626168

F6:Voltage SIR,EI+
407.8398
6.823e+006



Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B11CS3_1668A.qld

Last Altered: December 8, 2016 8:34:01 AM Eastern Standard Time

Printed: December 8, 2016 8:34:29 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 1

Date: 08-Dec-2016

Time: 01:37:20

Instrument:

Total HpCB F7

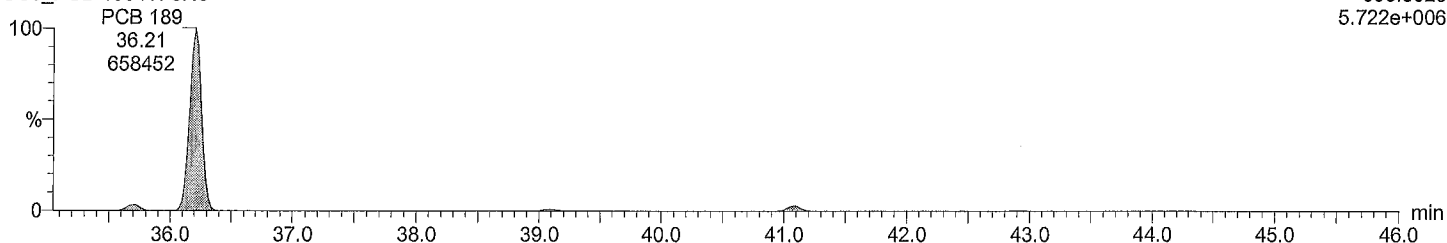
M2161207B11 Smooth(SG,3x1)

CS3_PCB 150417CXU

F7:Voltage SIR,EI+

393.8025

5.722e+006



Total HpCB F7

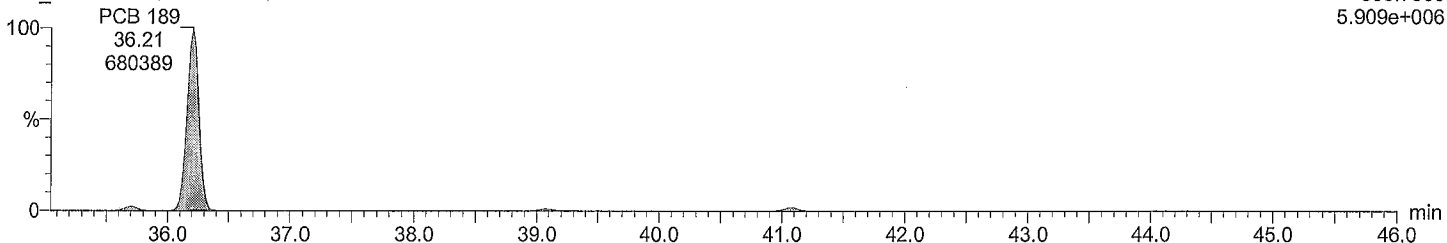
M2161207B11 Smooth(SG,3x1)

CS3_PCB 150417CXU

F7:Voltage SIR,EI+

395.7995

5.909e+006



Total HpCB labeled F7

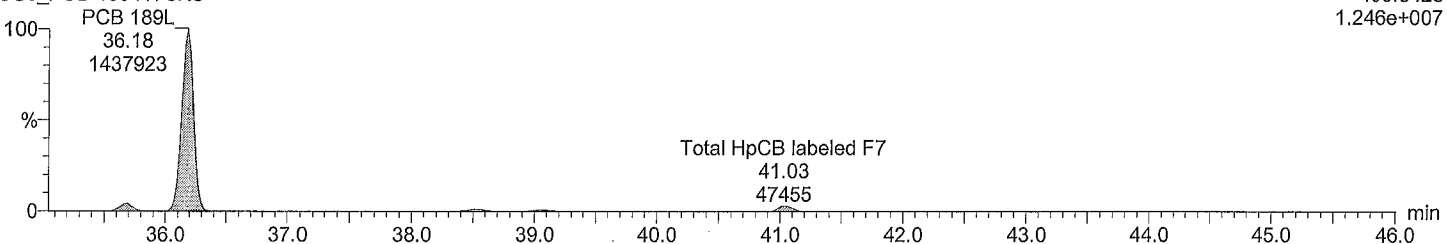
M2161207B11 Smooth(SG,3x1)

CS3_PCB 150417CXU

F7:Voltage SIR,EI+

405.8428

1.246e+007



Total HpCB labeled F7

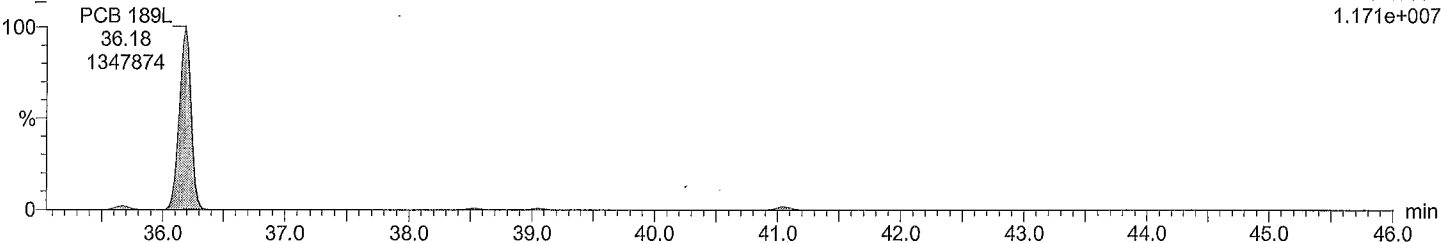
M2161207B11 Smooth(SG,3x1)

CS3_PCB 150417CXU

F7:Voltage SIR,EI+

407.8398

1.171e+007



Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B11CS3_1668A.qld

Last Altered: December 8, 2016 8:34:01 AM Eastern Standard Time

Printed: December 8, 2016 8:34:29 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 1

Date: 08-Dec-2016

Time: 01:37:20

Instrument:

Total OcCB F6

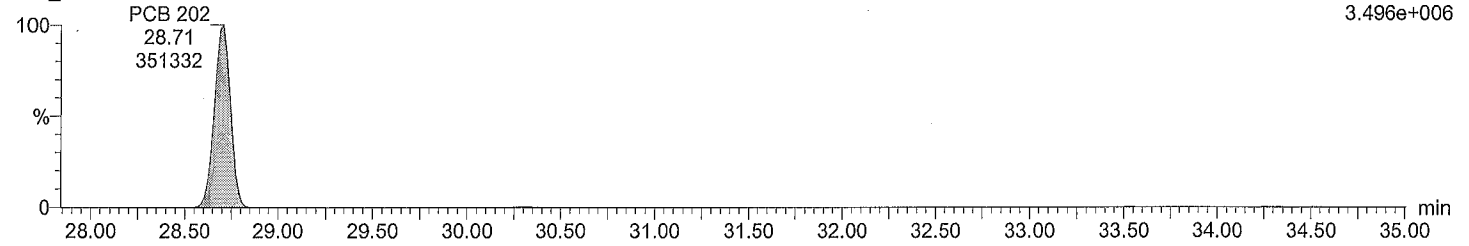
M2161207B11 Smooth(SG,3x1)

CS3_PCB 150417CXU

F6:Voltage SIR,EI+

427.7635

3.496e+006



Total OcCB F6

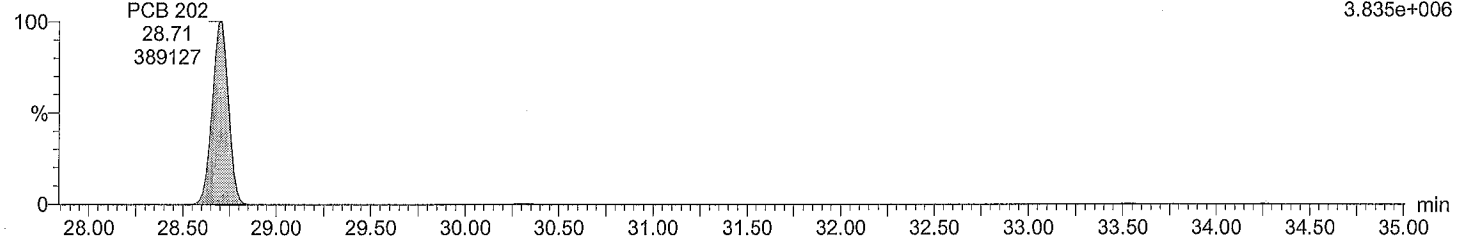
M2161207B11 Smooth(SG,3x1)

CS3_PCB 150417CXU

F6:Voltage SIR,EI+

429.7606

3.835e+006



Total OcCB labeled F6

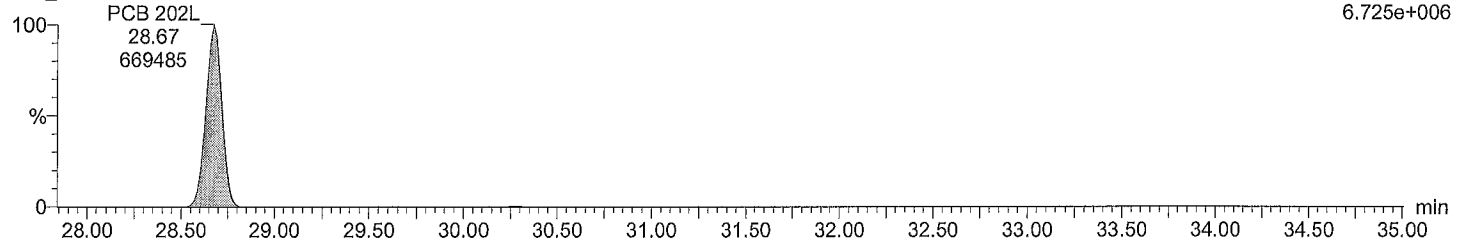
M2161207B11 Smooth(SG,3x1)

CS3_PCB 150417CXU

F6:Voltage SIR,EI+

439.8038

6.725e+006



Total OcCB labeled F6

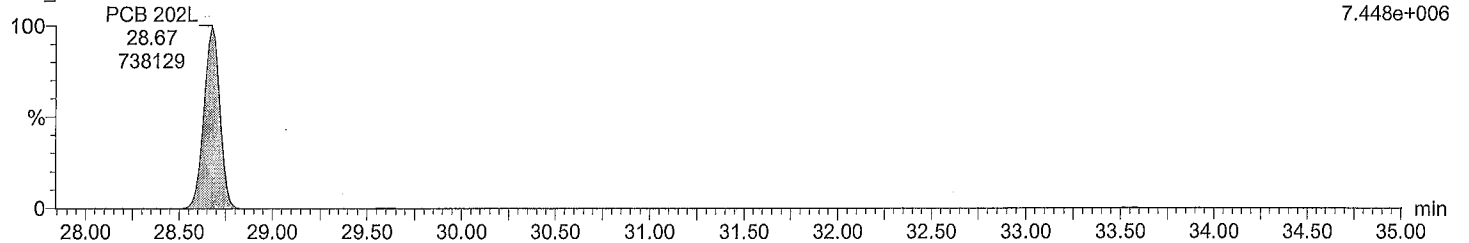
M2161207B11 Smooth(SG,3x1)

CS3_PCB 150417CXU

F6:Voltage SIR,EI+

441.8008

7.448e+006



Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B11CS3_1668A.qld

Last Altered: December 8, 2016 8:34:01 AM Eastern Standard Time

Printed: December 8, 2016 8:34:29 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 1

Date: 08-Dec-2016

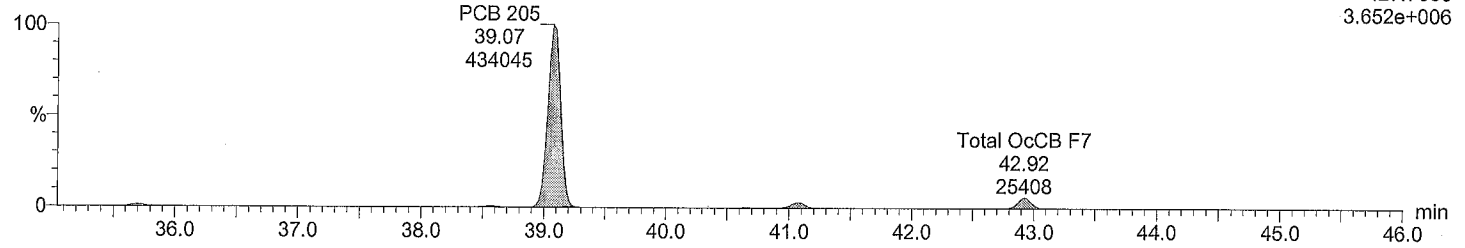
Time: 01:37:20

Instrument:

Total OcCB F7

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

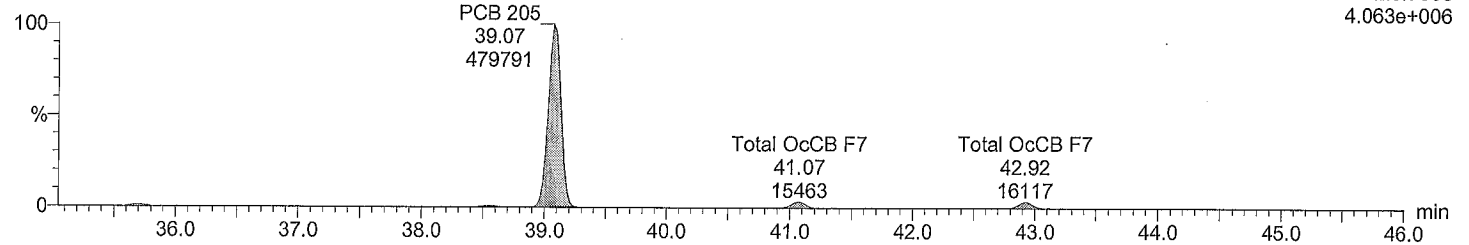
F7:Voltage SIR,EI+
427.7635
3.652e+006



Total OcCB F7

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

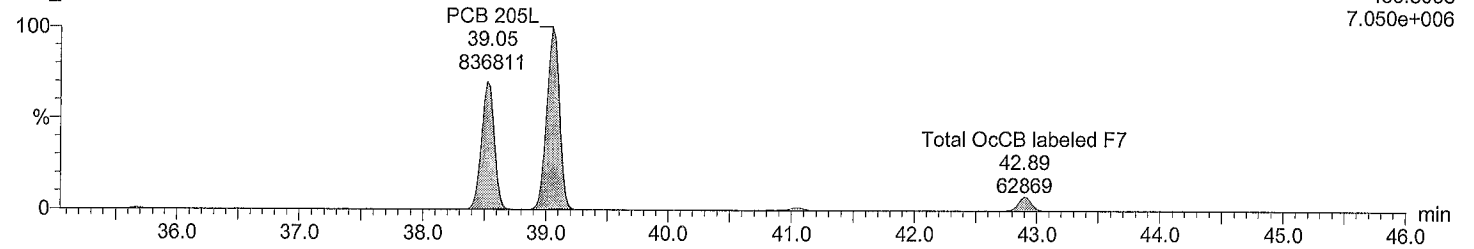
F7:Voltage SIR,EI+
429.7606
4.063e+006



Total OcCB labeled F7

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

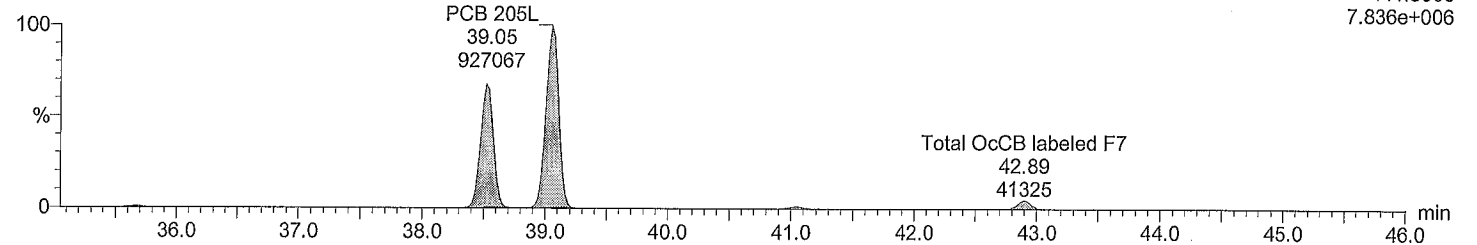
F7:Voltage SIR,EI+
439.8038
7.050e+006



Total OcCB labeled F7

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

F7:Voltage SIR,EI+
441.8008
7.836e+006



Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B11CS3_1668A.qld

Last Altered: December 8, 2016 8:34:01 AM Eastern Standard Time

Printed: December 8, 2016 8:34:29 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 1

Date: 08-Dec-2016

Time: 01:37:20

Instrument:

Total NoCB F7

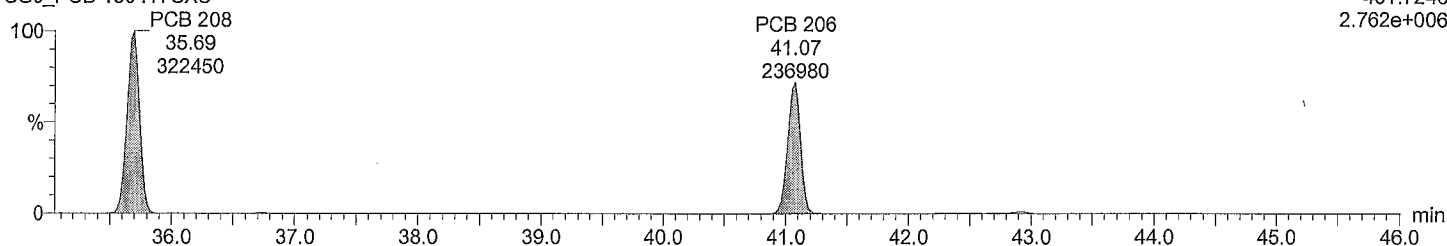
M2161207B11 Smooth(SG,3x1)

CS3_PCB 150417CXU

F7:Voltage SIR,EI+

461.7246

2.762e+006



Total NoCB F7

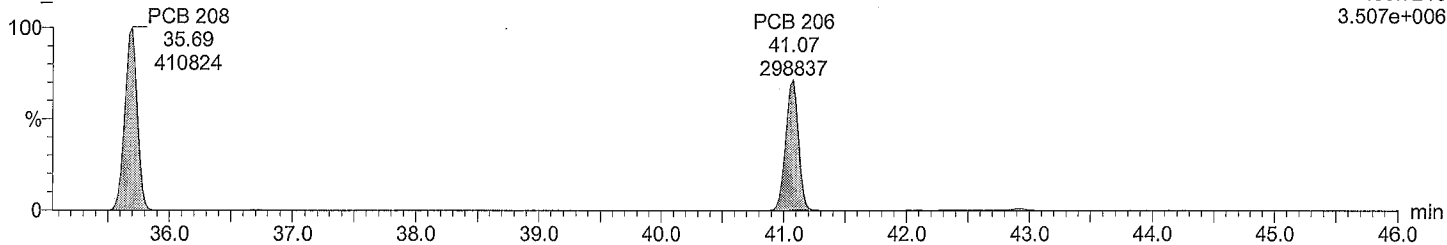
M2161207B11 Smooth(SG,3x1)

CS3_PCB 150417CXU

F7:Voltage SIR,EI+

463.7216

3.507e+006



Total NoCB labeled F7

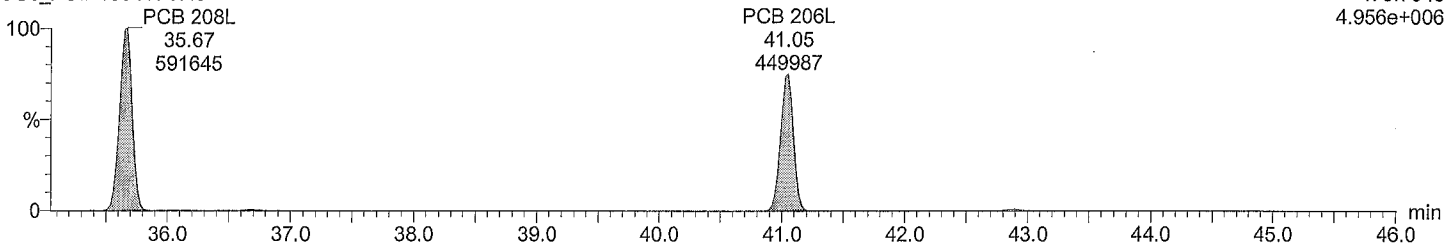
M2161207B11 Smooth(SG,3x1)

CS3_PCB 150417CXU

F7:Voltage SIR,EI+

473.7648

4.956e+006



Total NoCB labeled F7

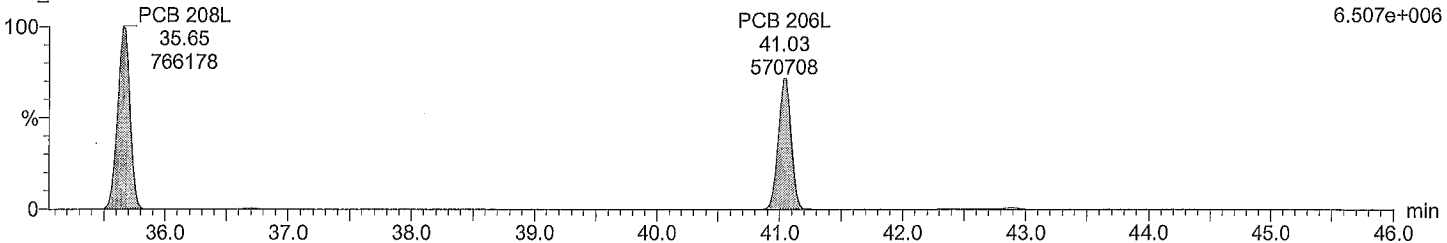
M2161207B11 Smooth(SG,3x1)

CS3_PCB 150417CXU

F7:Voltage SIR,EI+

475.7619

6.507e+006



Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B11CS3_1668A.qld

Last Altered: December 8, 2016 8:34:01 AM Eastern Standard Time

Printed: December 8, 2016 8:34:29 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 1

Date: 08-Dec-2016

Time: 01:37:20

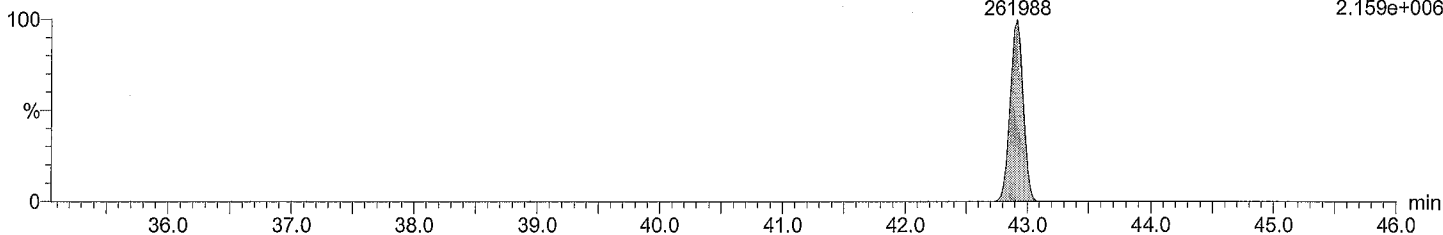
Instrument:

Total DeCB F7

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 209
42.92
261988

F7:Voltage SIR,EI+
497.6826
2.159e+006

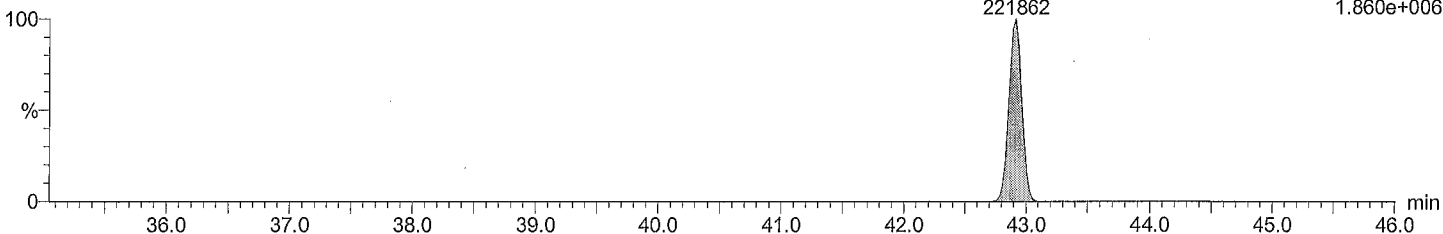


Total DeCB F7

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 209
42.92
221862

F7:Voltage SIR,EI+
499.6797
1.860e+006

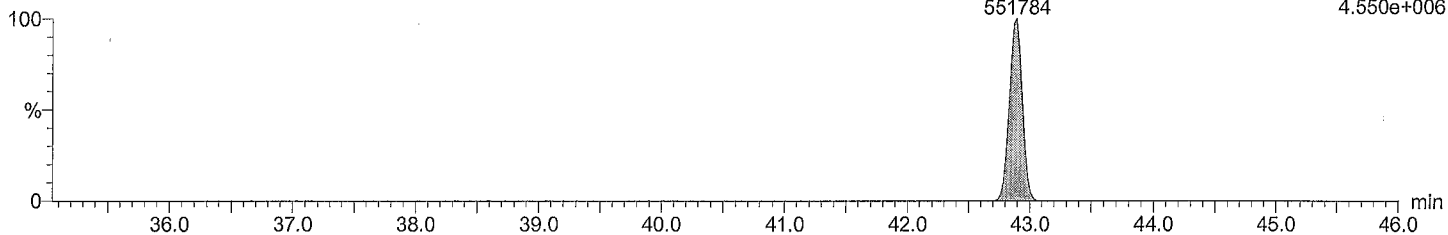


Total DeCB labeled F7

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 209L
42.89
551784

F7:Voltage SIR,EI+
509.7229
4.550e+006

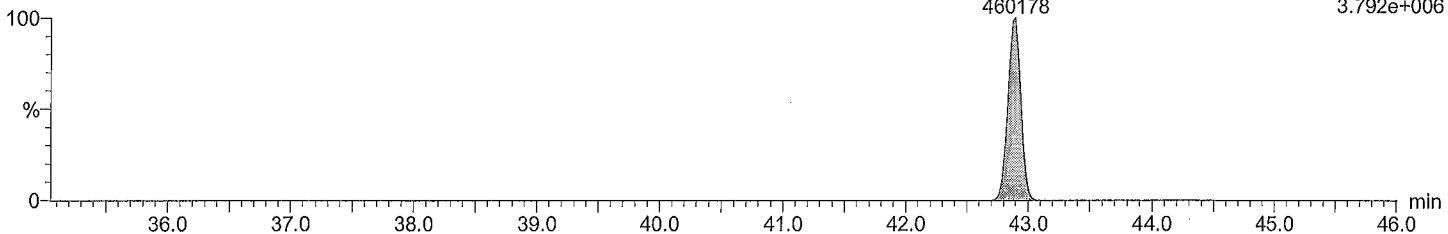


Total DeCB labeled F7

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 209L
42.89
460178

F7:Voltage SIR,EI+
511.7199
3.792e+006



Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B11CS3_1668A.qld

Last Altered: December 8, 2016 8:34:01 AM Eastern Standard Time

Printed: December 8, 2016 8:34:29 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 1

Date: 08-Dec-2016

Time: 01:37:20

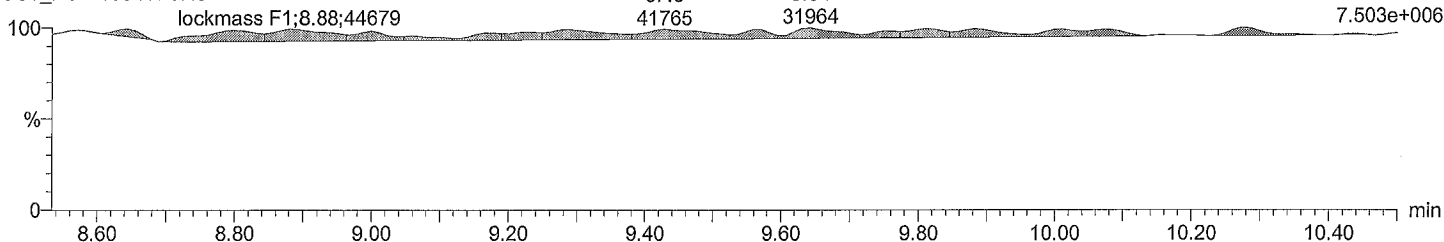
Instrument:

lockmass F1

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

lockmass F1 9.43 41765
lockmass F1 9.64 31964

F1:Voltage SIR,EI+
218.9856
7.503e+006

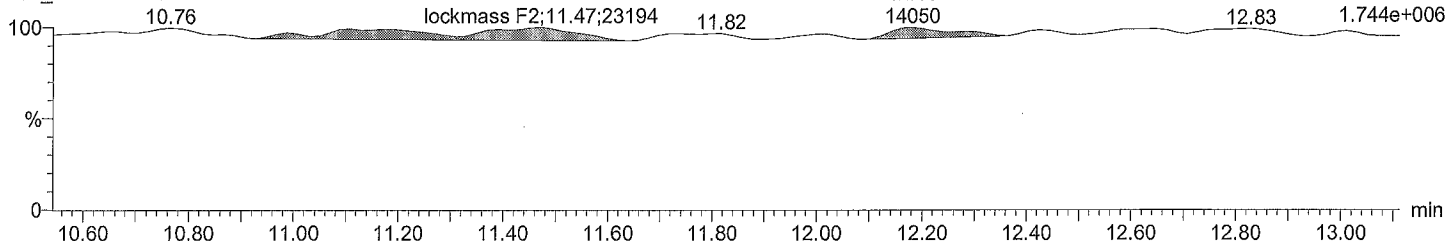


lockmass F2

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

lockmass F2 12.18 14050

F2:Voltage SIR,EI+
242.9856
1.744e+006



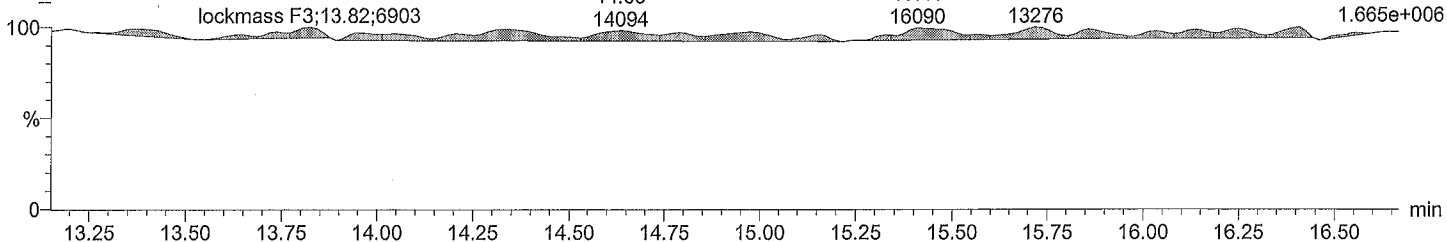
lockmass F3

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

lockmass F3 14.63 14094

lockmass F3 lockmass F3 15.41 15.72 16090 13276

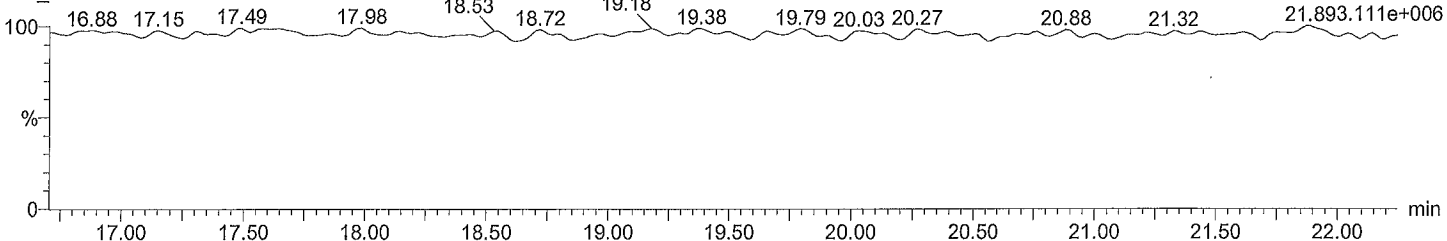
F3:Voltage SIR,EI+
292.9824
1.665e+006



lockmass F4

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU

F4:Voltage SIR,EI+
330.9792
21.893.111e+006



Quantify Sample Report **MassLynx 4.0 SP1**

Acquired Date ,

Dataset: M:\ULTIMA 2\PCB_QLDM2161207B11CS3_1668A.qld

Last Altered: December 8, 2016 8:34:01 AM Eastern Standard Time

Printed: December 8, 2016 8:34:29 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 1

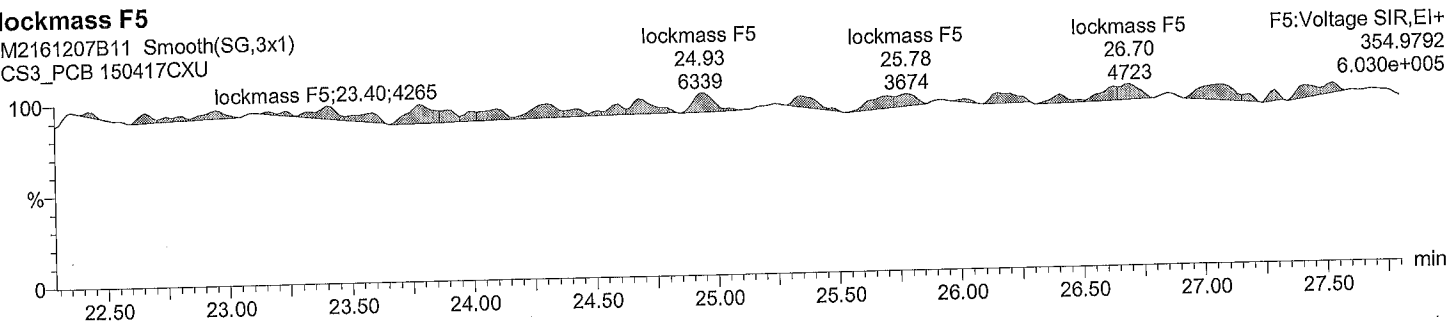
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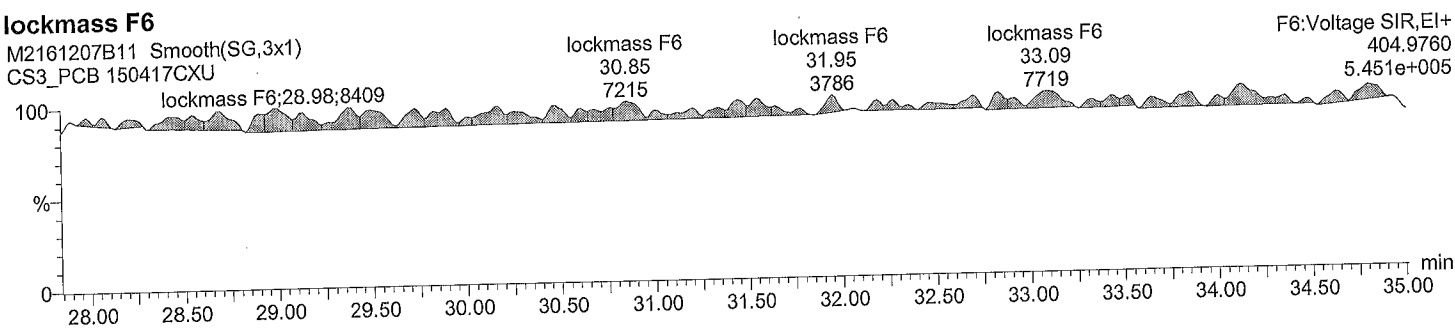
lockmass F5

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU



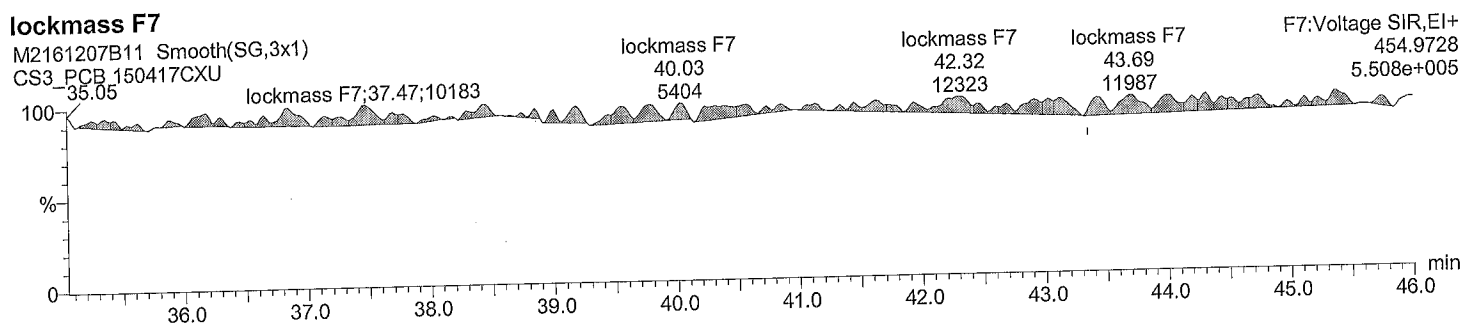
lockmass F6

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU



lockmass F7

M2161207B11 Smooth(SG,3x1)
CS3_PCB 150417CXU



Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLDIM2161207B11CS3_1668A.qld

Last Altered: December 8, 2016 8:34:01 AM Eastern Standard Time

Printed: December 8, 2016 8:34:29 AM Eastern Standard Time

| Date | Time | Event | RT | Details | Comments |
|-----------|----------|-------------------|----|---|----------|
| 08-Dec-16 | 08:34:01 | Process Integrate | | | |
| 08-Dec-16 | 08:34:01 | Process Quantify | | | |
| 08-Dec-16 | 08:34:01 | Dataset Created | | | |
| 08-Dec-16 | 08:34:25 | Dataset Saved | | Saved to 'M:\ULTIMA 2\PCB_QLDIM2161207B1... | |

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B01CS3_1668A.qld
 Last Altered: December 8, 2016 8:31:11 AM Eastern Standard Time
 Printed: December 8, 2016 8:33:47 AM Eastern Standard Time

Method: C:\MassLynx\DEFAULT.PRO\MethDB\EPA 1668 5PT-20161129A.mdb 30 Nov 2016 13:23:39
 Calibration: C:\MassLynx\DEFAULT.PRO\CurveDB\M2161129A_5PT_1668.cdb 30 Nov 2016 11:38:27

ID:
 Date: 07-Dec-2016
 Time: 17:19:33
 Instrument:
 Description: CS3_PCB 150417CXU

| # | Name | RT | RRT | Area | Sec.Area | Ion Ratio | Ratio Flag | Flags | pg/ul | %Dev | %Rec | IS# | RRF |
|----|-------------|-------|-------|---------|----------|-----------|------------|-------|---------|-------|------|-----|-------|
| 1 | PCB 1 | 8.84 | 1.001 | 1827346 | 550690 | 3.32 | YES | bb | 52.876 | 5.8 | 106 | 29 | 1.371 |
| 2 | PCB 3 | 10.01 | 1.000 | 1779992 | 539951 | 3.30 | YES | bd | 52.844 | 5.7 | 106 | 30 | 1.349 |
| 3 | PCB 4 | 10.13 | 1.001 | 494361 | 308948 | 1.60 | YES | bb | 47.301 | -5.4 | 95 | 31 | 1.122 |
| 4 | PCB 15 | 12.71 | 1.000 | 1379502 | 927708 | 1.49 | YES | db | 57.241 | 14.5 | 114 | 32 | 1.192 |
| 5 | PCB 19 | 11.49 | 1.000 | 478455 | 445895 | 1.07 | YES | bb | 48.950 | -2.1 | 98 | 33 | 1.132 |
| 6 | PCB 37 | 16.36 | 1.001 | 1021409 | 1057487 | 0.97 | YES | bb | 55.536 | 11.1 | 111 | 34 | 1.094 |
| 7 | PCB 54 | 12.85 | 1.002 | 351184 | 460278 | 0.76 | YES | bb | 52.576 | 5.2 | 105 | 35 | 1.072 |
| 8 | PCB 81 | 20.97 | 1.001 | 731428 | 994102 | 0.74 | YES | bb | 53.272 | 6.5 | 107 | 36 | 1.243 |
| 9 | PCB 77 | 21.41 | 1.002 | 720538 | 990814 | 0.73 | YES | bb | 52.738 | 5.5 | 105 | 37 | 1.282 |
| 10 | PCB 104 | 15.63 | 1.001 | 551591 | 350081 | 1.58 | YES | bb | 48.556 | -2.9 | 97 | 38 | 1.153 |
| 11 | PCB 123 | 23.01 | 1.001 | 883610 | 590002 | 1.50 | YES | bd | 54.378 | 8.8 | 109 | 39 | 1.030 |
| 12 | PCB 118 | 23.30 | 1.001 | 940832 | 637012 | 1.48 | YES | db | 55.030 | 10.1 | 110 | 40 | 1.147 |
| 13 | PCB 114 | 23.76 | 1.001 | 904541 | 601236 | 1.50 | YES | bb | 53.805 | 7.6 | 108 | 41 | 1.158 |
| 14 | PCB 105 | 24.32 | 1.001 | 881724 | 591937 | 1.49 | YES | bb | 53.841 | 7.7 | 108 | 42 | 1.120 |
| 15 | PCB 126 | 27.14 | 1.001 | 851691 | 579108 | 1.47 | YES | bd | 53.593 | 7.2 | 107 | 43 | 1.111 |
| 16 | PCB 155 | 19.23 | 1.001 | 520115 | 407093 | 1.28 | YES | bb | 49.220 | -1.6 | 98 | 44 | 1.062 |
| 17 | PCB 167 | 28.96 | 1.001 | 823572 | 704795 | 1.17 | YES | db | 55.395 | 10.8 | 111 | 45 | 1.054 |
| 18 | PCB 156/157 | 30.12 | 1.001 | 1640486 | 1393328 | 1.18 | YES | bb | 110.983 | 11.0 | 111 | 46 | 1.150 |
| 19 | PCB 169 | 33.48 | 1.001 | 789625 | 672508 | 1.17 | YES | bb | 53.685 | 7.4 | 107 | 47 | 1.045 |
| 20 | PCB 188 | 23.74 | 1.001 | 467803 | 443177 | 1.06 | YES | bb | 49.377 | -1.2 | 99 | 48 | 1.040 |
| 21 | PCB 193/180 | 31.54 | 1.001 | 414854 | 394894 | 1.05 | YES | bb | 47.170 | -5.7 | 94 | 49 | 1.054 |
| 22 | PCB 170 | 32.85 | 1.001 | 409647 | 386223 | 1.06 | YES | bb | 47.416 | -5.2 | 95 | 50 | 1.143 |
| 23 | PCB 189 | 36.23 | 1.001 | 668816 | 694617 | 0.96 | YES | bb | 52.818 | 5.6 | 106 | 51 | 0.962 |
| 24 | PCB 202 | 28.72 | 1.001 | 385790 | 433570 | 0.89 | YES | bb | 47.341 | -5.3 | 95 | 52 | 1.022 |
| 25 | PCB 205 | 39.10 | 1.001 | 444080 | 491533 | 0.90 | YES | bb | 47.259 | -5.5 | 95 | 53 | 1.012 |
| 26 | PCB 208 | 35.70 | 1.001 | 345919 | 445792 | 0.78 | YES | bb | 48.668 | -2.7 | 97 | 54 | 1.053 |
| 27 | PCB 206 | 41.07 | 1.001 | 254435 | 326441 | 0.78 | YES | bb | 48.290 | -3.4 | 97 | 55 | 1.040 |
| 28 | PCB 209 | 42.92 | 1.001 | 294018 | 252271 | 1.17 | YES | bb | 46.918 | -6.2 | 94 | 56 | 0.961 |
| 29 | PCB 1L | 8.83 | 0.802 | 2658799 | 811500 | 3.28 | YES | bb | 111.571 | 11.6 | 112 | 63 | 0.916 |
| 30 | PCB 3L | 10.01 | 0.909 | 2628335 | 811508 | 3.24 | YES | bd | 109.726 | 9.7 | 110 | 63 | 0.908 |
| 31 | PCB 4L | 10.12 | 0.919 | 884258 | 547500 | 1.62 | YES | bb | 134.262 | 34.3 | 134 | 63 | 0.378 |
| 32 | PCB 15L | 12.71 | 1.154 | 2402152 | 1467767 | 1.64 | YES | bb | 96.051 | -3.9 | 96 | 63 | 1.022 |
| 33 | PCB 19L | 11.49 | 1.044 | 833987 | 798979 | 1.04 | YES | bb | 124.900 | 24.9 | 125 | 63 | 0.431 |
| 34 | PCB 37L | 16.34 | 1.085 | 1975795 | 1823829 | 1.08 | YES | bb | 85.777 | -14.2 | 86 | 64 | 2.242 |
| 35 | PCB 54L | 12.83 | 0.852 | 675077 | 838453 | 0.81 | YES | db | 117.820 | 17.8 | 118 | 64 | 0.893 |
| 36 | PCB 81L | 20.95 | 1.391 | 1241477 | 1534410 | 0.81 | YES | bb | 87.314 | -12.7 | 87 | 64 | 1.638 |
| 37 | PCB 77L | 21.38 | 1.419 | 1198043 | 1470802 | 0.81 | YES | bb | 87.549 | -12.5 | 88 | 64 | 1.575 |
| 38 | PCB 104L | 15.62 | 0.806 | 961907 | 601632 | 1.60 | YES | bb | 113.941 | 13.9 | 114 | 65 | 1.101 |
| 39 | PCB 123L | 23.00 | 1.188 | 1786765 | 1073336 | 1.66 | YES | bd | 87.863 | -12.1 | 88 | 65 | 2.015 |
| 40 | PCB 118L | 23.29 | 1.202 | 1724983 | 1026535 | 1.68 | YES | db | 87.983 | -12.0 | 88 | 65 | 1.938 |
| 41 | PCB 114L | 23.74 | 1.226 | 1631202 | 970324 | 1.68 | YES | bb | 89.434 | -10.6 | 89 | 65 | 1.832 |
| 42 | PCB 105L | 24.30 | 1.255 | 1639978 | 991028 | 1.65 | YES | bb | 87.680 | -12.3 | 88 | 65 | 1.853 |
| 43 | PCB 126L | 27.12 | 1.401 | 1606789 | 968093 | 1.66 | YES | bb | 87.339 | -12.7 | 87 | 65 | 1.814 |
| 44 | PCB 155L | 19.21 | 0.738 | 978845 | 766735 | 1.28 | YES | bb | 111.018 | 11.0 | 111 | 66 | 1.173 |

Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B01CS3_1668A.qld

Last Altered: December 8, 2016 8:31:11 AM Eastern Standard Time

Printed: December 8, 2016 8:33:47 AM Eastern Standard Time

ID:

Date: 07-Dec-2016

Time: 17:19:33

Instrument:

Description: CS3_PCB 150417CXU

| # Name | RT | RRT | Area | Sec.Area | Ion Ratio | Ratio Flag | Flags | pg/ul | %Dev | %Rec | IS# | RRF |
|---------------------------|-------|-------|---------|----------|-----------|------------|-------|---------|-------|------|-----|----------|
| 45 PCB 167L | 28.93 | 1.111 | 1643722 | 1257187 | 1.31 | YES | db | 85.908 | -14.1 | 86 | 66 | 1.949 |
| 46 PCB 156L/157L | 30.08 | 1.155 | 2993019 | 2284780 | 1.31 | YES | bb | 170.906 | -14.5 | 85 | 66 | 1.773 |
| 47 PCB 169L | 33.44 | 1.285 | 1580942 | 1217567 | 1.30 | YES | bb | 87.753 | -12.2 | 88 | 66 | 1.880 |
| 48 PCB 188L | 23.73 | 0.911 | 902714 | 848784 | 1.06 | YES | bb | 106.641 | 6.6 | 107 | 66 | 1.177 |
| 49 PCB 180L | 31.51 | 0.818 | 792640 | 743231 | 1.07 | YES | bb | 99.423 | -0.6 | 99 | 67 | 1.212 |
| 50 PCB 170L | 32.82 | 0.851 | 714943 | 677279 | 1.06 | YES | bb | 100.557 | 0.6 | 101 | 67 | 1.099 |
| 51 PCB 189L | 36.21 | 0.939 | 1474214 | 1361290 | 1.08 | YES | bb | 92.368 | -7.6 | 92 | 67 | 2.238 |
| 52 PCB 202L | 28.69 | 0.744 | 766969 | 836080 | 0.92 | YES | bb | 106.282 | 6.3 | 106 | 67 | 1.265 |
| 53 PCB 205L | 39.07 | 1.014 | 882571 | 965802 | 0.91 | YES | bb | 98.714 | -1.3 | 99 | 67 | 1.459 |
| 54 PCB 208L | 35.67 | 0.926 | 662370 | 841206 | 0.79 | YES | bb | 102.360 | 2.4 | 102 | 67 | 1.187 |
| 55 PCB 206L | 41.05 | 1.065 | 490335 | 626569 | 0.78 | YES | bb | 108.262 | 8.3 | 108 | 67 | 0.881 |
| 56 PCB 209L | 42.90 | 1.113 | 626431 | 510644 | 1.23 | YES | bb | 118.891 | 18.9 | 119 | 67 | 0.897 |
| 57 PCB 28L | 14.13 | 0.938 | 2180709 | 2023356 | 1.08 | YES | db | 89.232 | -10.8 | 89 | 64 | 2.481 |
| 58 PCB 111L | 21.38 | 1.104 | 1228407 | 761708 | 1.61 | YES | bb | 105.236 | 5.2 | 105 | 65 | 1.402 |
| 59 PCB 178L | 26.46 | 1.016 | 558191 | 524194 | 1.06 | YES | bb | 111.787 | 11.8 | 112 | 66 | 0.727 |
| 60 PCB 31L | 13.98 | 0.928 | 2103806 | 1922993 | 1.09 | YES | bd | 85.614 | -14.4 | 86 | 64 | 2.376 |
| 61 PCB 95L | 17.39 | 0.898 | 855010 | 524117 | 1.63 | YES | bb | 100.437 | 0.4 | 100 | 65 | 0.971 |
| 62 PCB 153L | 24.90 | 0.956 | 991399 | 767485 | 1.29 | YES | bb | 99.247 | -0.8 | 99 | 66 | 1.182 |
| 63 PCB 9L | 11.01 | 0.000 | 2361353 | 1425809 | 1.66 | YES | bb | 210.252 | 110.3 | 210 | 0 | 37871... |
| 64 PCB 52L | 15.06 | 0.000 | 757254 | 937588 | 0.81 | YES | bb | 246.294 | 146.3 | 246 | 0 | 16948... |
| 65 PCB 101L | 19.36 | 0.000 | 876816 | 542846 | 1.62 | YES | bb | 247.621 | 147.6 | 248 | 0 | 14196... |
| 66 PCB 138L | 26.04 | 0.000 | 836601 | 651891 | 1.28 | YES | bb | 256.756 | 156.8 | 257 | 0 | 14884... |
| 67 PCB 194L | 38.54 | 0.000 | 604677 | 662535 | 0.91 | YES | bb | 251.062 | 151.1 | 251 | 0 | 12672... |
| 68 Total MoCB F1 | | | | | | | | 105.720 | | | 29 | |
| 69 Total MoCB labeled ... | | | | | | | | 221.297 | | | 63 | |
| 70 Total DiCB F1 | | | | | | | | 47.301 | | | 31 | |
| 71 Total DiCB labeled F1 | | | | | | | | 134.262 | | | 63 | |
| 72 Total DiCB F2 | | | | | | | | 57.241 | | | 32 | |
| 73 Total DiCB labeled F2 | | | | | | | | 306.303 | | | 63 | |
| 74 Total TriCB F2 | | | | | | | | 48.950 | | | 33 | |
| 75 Total TriCB labeled F2 | | | | | | | | 124.900 | | | 63 | |
| 76 Total TriCB F3 | | | | | | | | 55.536 | | | 34 | |
| 77 Total TriCB labeled F3 | | | | | | | | 260.622 | | | 64 | |
| 78 Total TeCB F2 | | | | | | | | 52.576 | | | 35 | |
| 79 Total TeCB labeled F2 | | | | | | | | 117.820 | | | 64 | |
| 80 Total TeCB F3 | | | | | | | | | | | 35 | |
| 81 Total TeCB labeled F3 | | | | | | | | 246.294 | | | 64 | |
| 82 Total TeCB F4 | | | | | | | | 106.010 | | | 36 | |
| 83 Total TeCB labeled F4 | | | | | | | | 174.863 | | | 64 | |
| 84 Total PeCB F3 | | | | | | | | 48.556 | | | 38 | |
| 85 Total PeCB labeled F3 | | | | | | | | 113.941 | | | 65 | |
| 86 Total PeCB F4 | | | | | | | | | | | 39 | |
| 87 Total PeCB labeled F4 | | | | | | | | 453.293 | | | 65 | |
| 88 Total PeCB F5 | | | | | | | | 270.647 | | | 39 | |
| 89 Total PeCB labeled F5 | | | | | | | | 440.299 | | | 65 | |
| 90 Total HxCB F4 | | | | | | | | 49.220 | | | 44 | |
| 91 Total HxCB labeled F4 | | | | | | | | 111.018 | | | 66 | |
| 92 Total HxCB F5 | | | | | | | | | | | 45 | |

Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B01CS3_1668A.qld

Last Altered: December 8, 2016 8:31:11 AM Eastern Standard Time

Printed: December 8, 2016 8:33:47 AM Eastern Standard Time

ID:

Date: 07-Dec-2016

Time: 17:19:33

Instrument:

Description: CS3_PCB 150417CXU

| # | Name | RT | RRT | Area | Sec.Area | Ion Ratio | Ratio.Flag | Flags | pg/ul | %Dev | %Rec | IS# | RRF |
|-----|------------------------|----|-----|------|----------|-----------|------------|-------|---------|------|------|-----|-----|
| 93 | Total HxCB labeled F5 | | | | | | | | 356.003 | | | 66 | |
| 94 | Total HxCB F6 | | | | | | | | 220.062 | | | 45 | |
| 95 | Total HxCB labeled F6 | | | | | | | | 344.568 | | | 66 | |
| 96 | Total HpCB F5 | | | | | | | | 49.377 | | | 48 | |
| 97 | Total HpCB labeled ... | | | | | | | | 218.428 | | | 67 | |
| 98 | Total HpCB F6 | | | | | | | | 94.586 | | | 49 | |
| 99 | Total HpCB labeled ... | | | | | | | | 199.980 | | | 67 | |
| 100 | Total HpCB F7 | | | | | | | | 52.818 | | | 51 | |
| 101 | Total HpCB labeled ... | | | | | | | | 92.368 | | | 67 | |
| 102 | Total OcCB F6 | | | | | | | | 47.341 | | | 52 | |
| 103 | Total OcCB labeled ... | | | | | | | | 106.282 | | | 67 | |
| 104 | Total OcCB F7 | | | | | | | | 47.259 | | | 53 | |
| 105 | Total OcCB labeled ... | | | | | | | | 349.776 | | | 67 | |
| 106 | Total NoCB F7 | | | | | | | | 96.957 | | | 54 | |
| 107 | Total NoCB labeled ... | | | | | | | | 210.622 | | | 67 | |
| 108 | Total DeCB F7 | | | | | | | | 46.918 | | | 56 | |
| 109 | Total DeCB labeled ... | | | | | | | | 118.891 | | | 67 | |
| 110 | lockmass F1 | | | | | | | | | | | 0 | |
| 111 | lockmass F2 | | | | | | | | | | | 0 | |
| 112 | lockmass F3 | | | | | | | | | | | 0 | |
| 113 | lockmass F4 | | | | | | | | | | | 0 | |
| 114 | lockmass F5 | | | | | | | | | | | 0 | |
| 115 | lockmass F6 | | | | | | | | | | | 0 | |
| 116 | lockmass F7 | | | | | | | | | | | 0 | |

Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B01CS3_1668A.qld

Last Altered: December 8, 2016 8:31:11 AM Eastern Standard Time

Printed: December 8, 2016 8:33:37 AM Eastern Standard Time

Method: C:\MassLynx\DEFAULT.PRO\MethDB\EPA 1668 5PT-20161129A.mdb 30 Nov 2016 13:23:39

Calibration: C:\MassLynx\DEFAULT.PRO\CurveDB\M2161129A_5PT_1668.cdb 30 Nov 2016 11:38:27

Description: CS3_PCB 150417CXU

Vial: 1

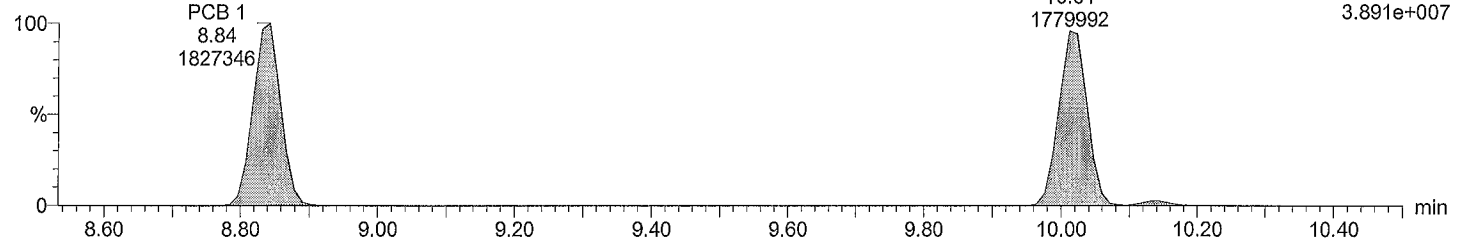
Date: 07-Dec-2016

Time: 17:19:33

Instrument:

Total MoCB F1

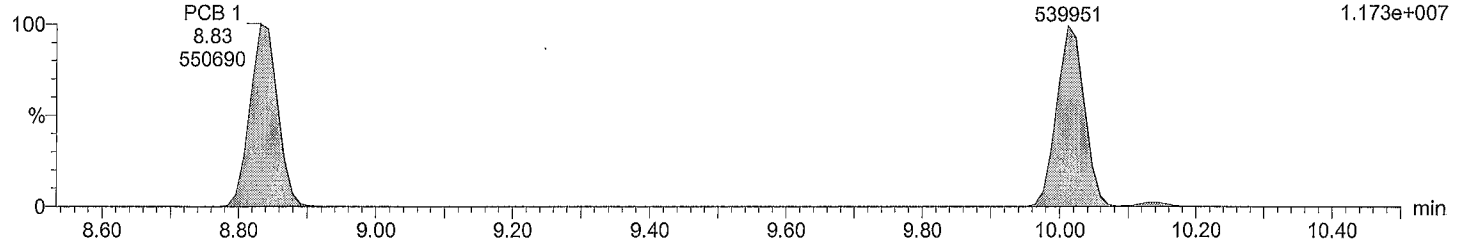
M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU



F1:Voltage SIR,EI+
188.0393
3.891e+007

Total MoCB F1

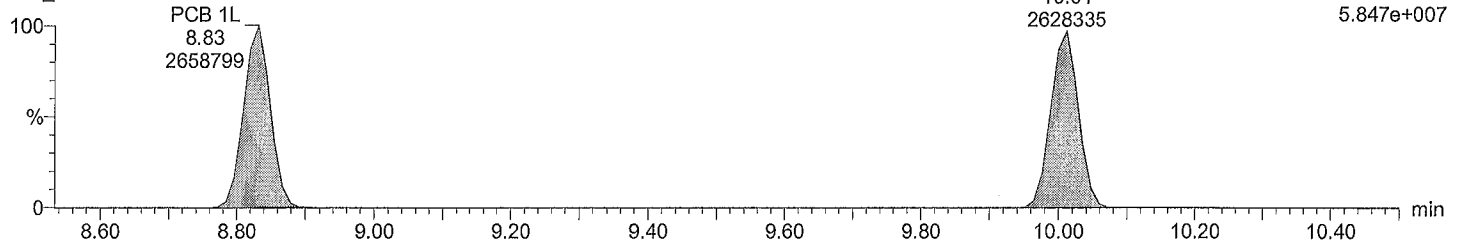
M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU



F1:Voltage SIR,EI+
190.0363
1.173e+007

Total MoCB labeled F1

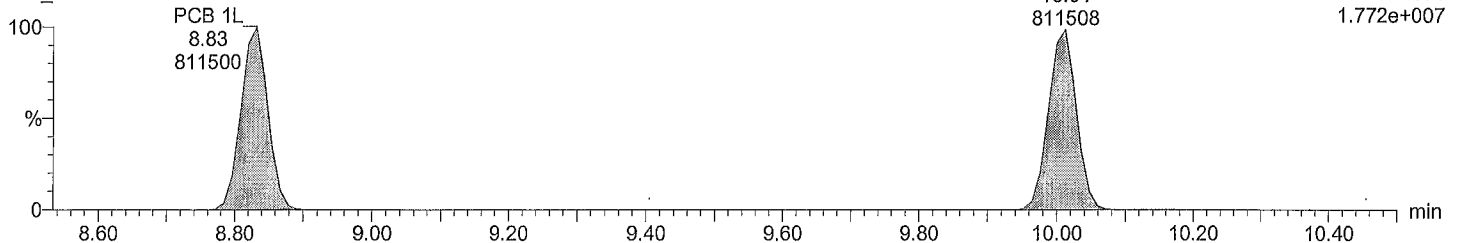
M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU



F1:Voltage SIR,EI+
200.0795
5.847e+007

Total MoCB labeled F1

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU



F1:Voltage SIR,EI+
202.076
1.772e+007

Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B01CS3_1668A.qld

Last Altered: December 8, 2016 8:31:11 AM Eastern Standard Time

Printed: December 8, 2016 8:33:37 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 1

Date: 07-Dec-2016

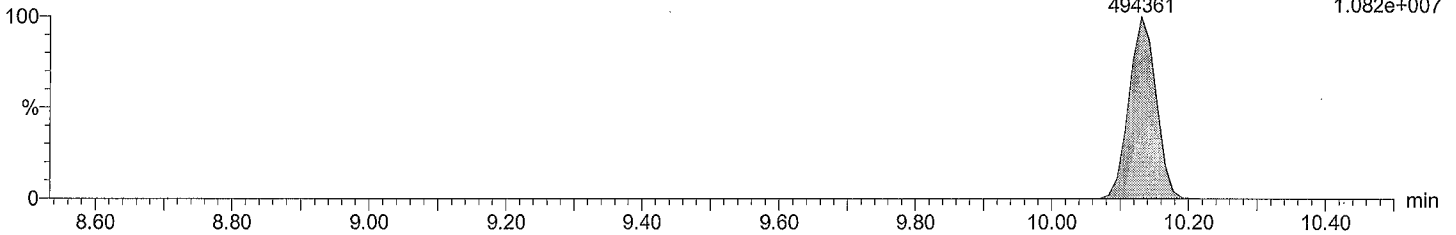
Time: 17:19:33

Instrument:

Total DiCB F1

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

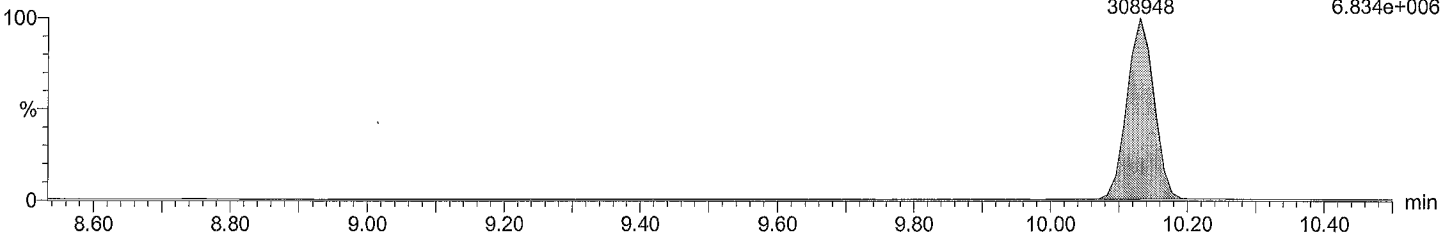
PCB 4
10.13
494361
F1:Voltage SIR,EI+
222.0003
1.082e+007



Total DiCB F1

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

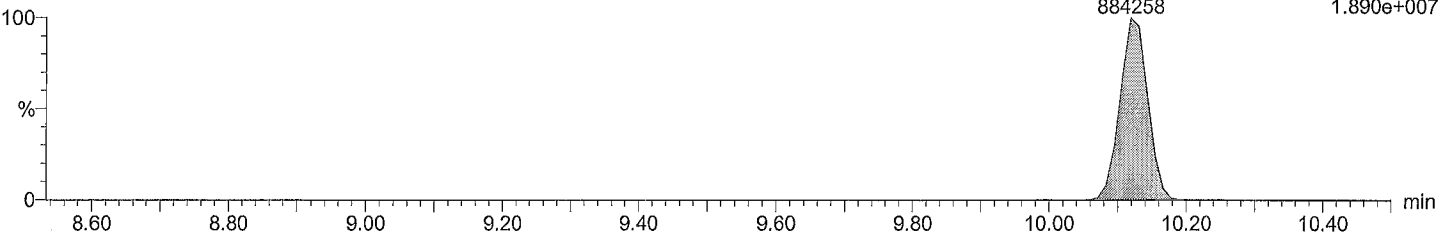
PCB 4
10.13
308948
F1:Voltage SIR,EI+
223.9974
6.834e+006



Total DiCB labeled F1

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

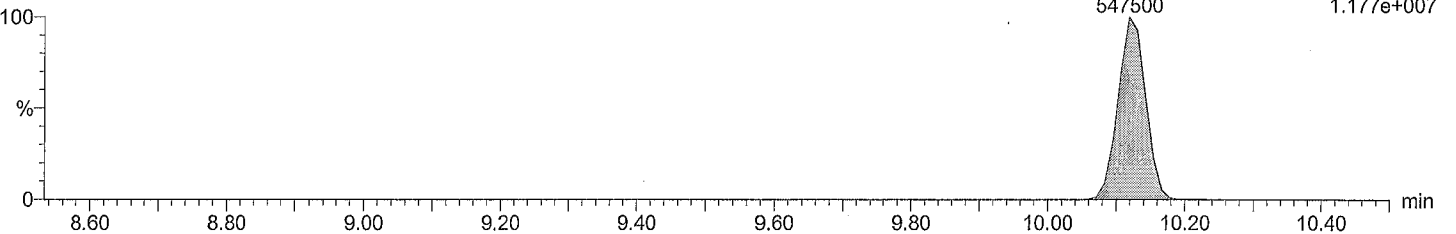
PCB 4L
10.12
884258
F1:Voltage SIR,EI+
234.0406
1.890e+007



Total DiCB labeled F1

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 4L
10.12
547500
F1:Voltage SIR,EI+
236.0376
1.177e+007



Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B01CS3_1668A.qld

Last Altered: December 8, 2016 8:31:11 AM Eastern Standard Time

Printed: December 8, 2016 8:33:37 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 1

Date: 07-Dec-2016

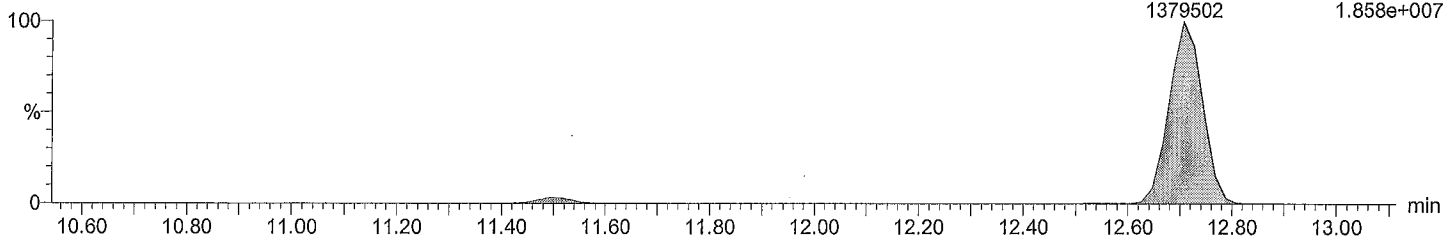
Time: 17:19:33

Instrument:

Total DiCB F2

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

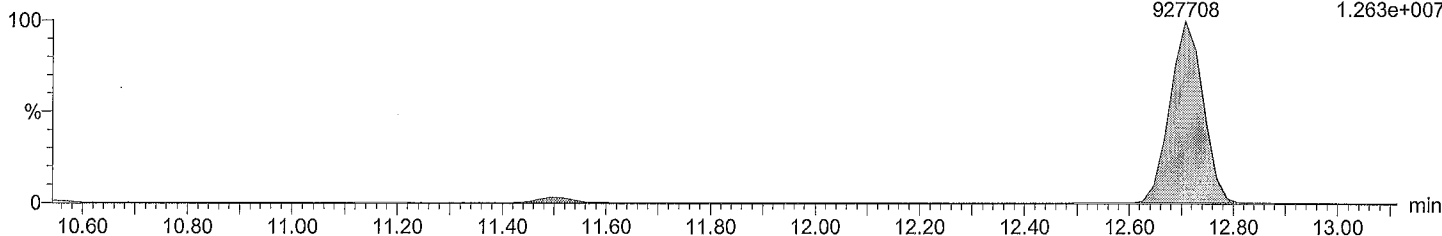
PCB 15
12.71
1379502
F2:Voltage SIR,EI+
222.0003
1.858e+007



Total DiCB F2

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 15
12.71
927708
F2:Voltage SIR,EI+
223.9974
1.263e+007

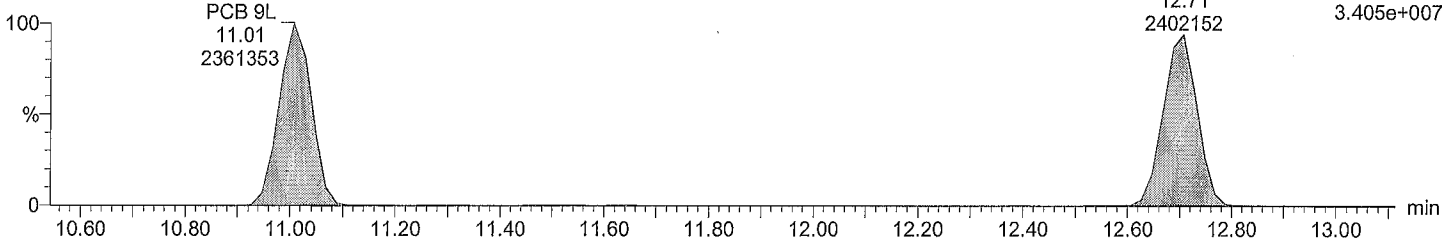


Total DiCB labeled F2

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 9L
11.01
2361353

PCB 15L
12.71
2402152
F2:Voltage SIR,EI+
234.0406
3.405e+007

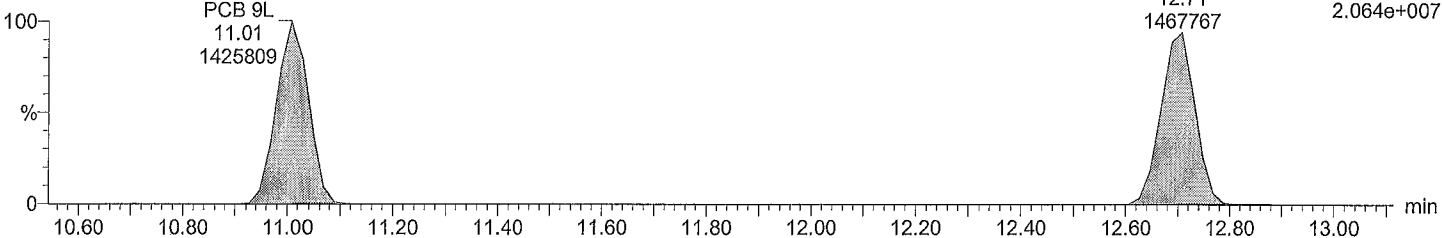


Total DiCB labeled F2

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 9L
11.01
1425809

PCB 15L
12.71
1467767
F2:Voltage SIR,EI+
236.0376
2.064e+007



Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLDIM2161207B01CS3_1668A.qld

Last Altered: December 8, 2016 8:31:11 AM Eastern Standard Time

Printed: December 8, 2016 8:33:37 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 1

Date: 07-Dec-2016

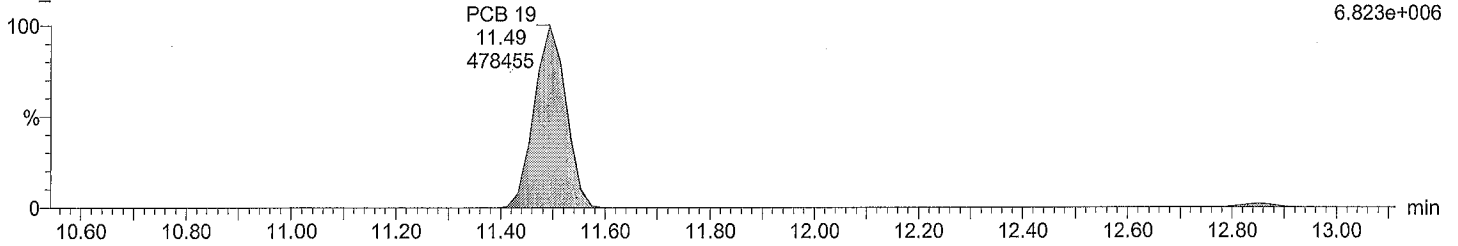
Time: 17:19:33

Instrument:

Total TriCB F2

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

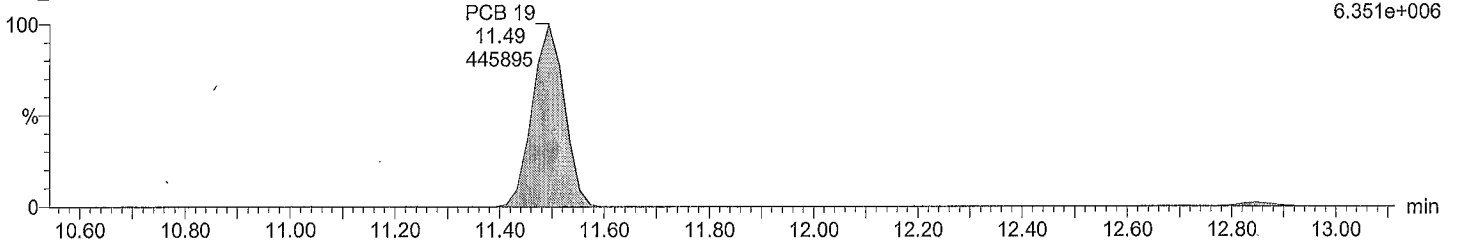
F2:Voltage SIR,EI+
255.9614
6.823e+006



Total TriCB F2

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

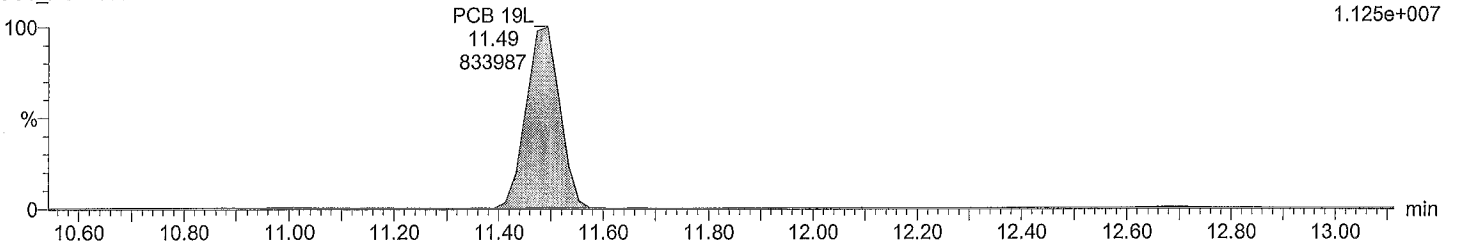
F2:Voltage SIR,EI+
257.9584
6.351e+006



Total TriCB labeled F2

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

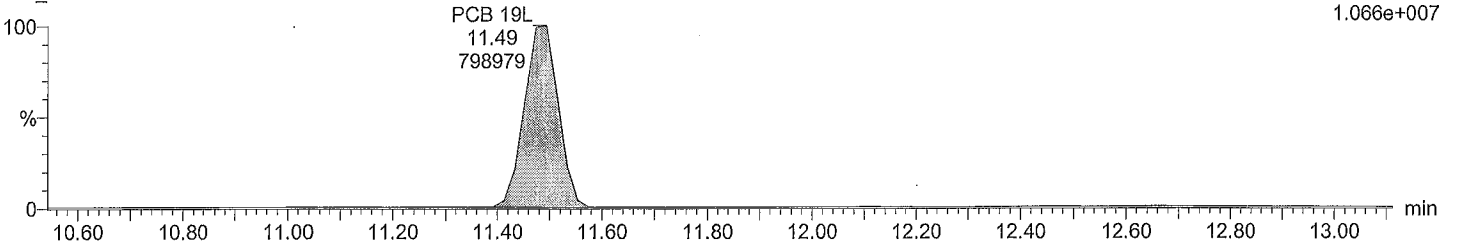
F2:Voltage SIR,EI+
268.0016
1.125e+007



Total TriCB labeled F2

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

F2:Voltage SIR,EI+
269.9986
1.066e+007



Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLDM2161207B01CS3_1668A.qld

Last Altered: December 8, 2016 8:31:11 AM Eastern Standard Time

Printed: December 8, 2016 8:33:37 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 1

Date: 07-Dec-2016

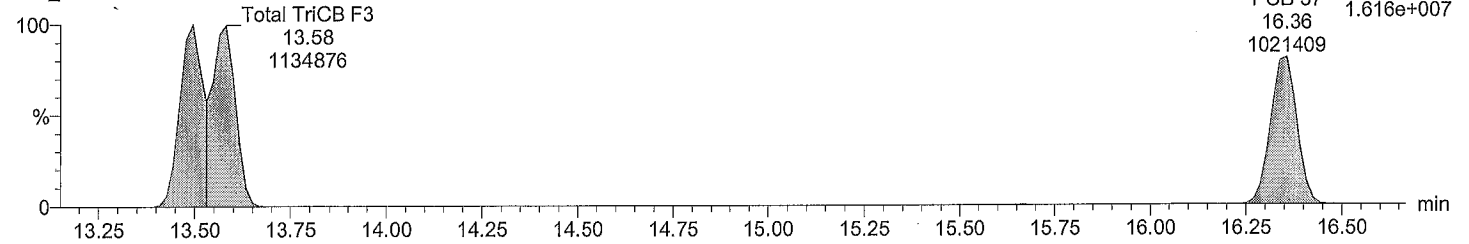
Time: 17:19:33

Instrument:

Total TriCB F3

M2161207B01 Smooth(SG,3x1)

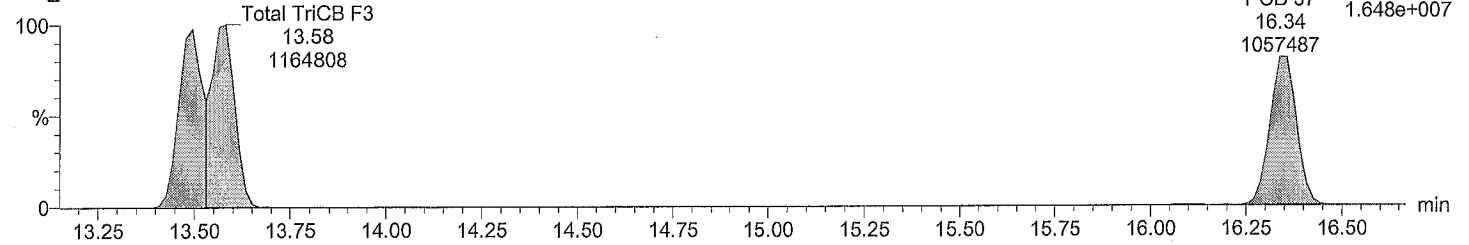
CS3_PCB 150417CXU



Total TriCB F3

M2161207B01 Smooth(SG,3x1)

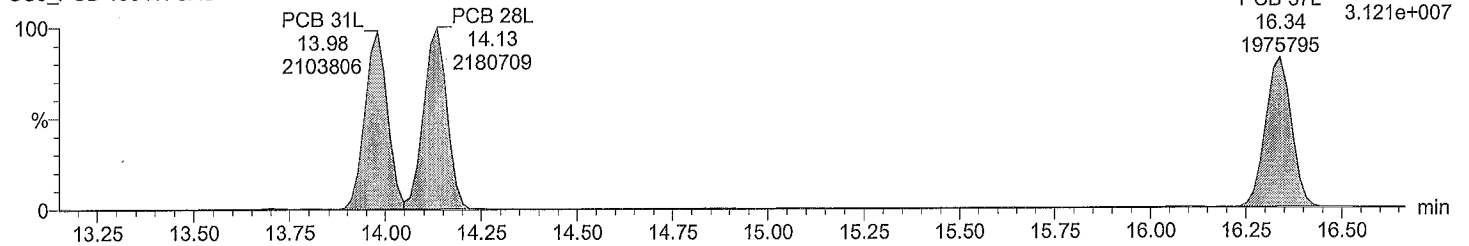
CS3_PCB 150417CXU



Total TriCB labeled F3

M2161207B01 Smooth(SG,3x1)

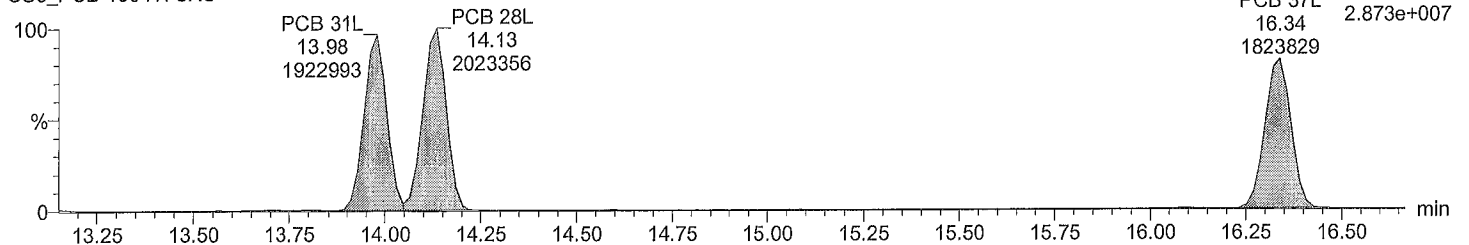
CS3_PCB 150417CXU



Total TriCB labeled F3

M2161207B01 Smooth(SG,3x1)

CS3_PCB 150417CXU



Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B01CS3_1668A.qld

Last Altered: December 8, 2016 8:31:11 AM Eastern Standard Time

Printed: December 8, 2016 8:33:37 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 1

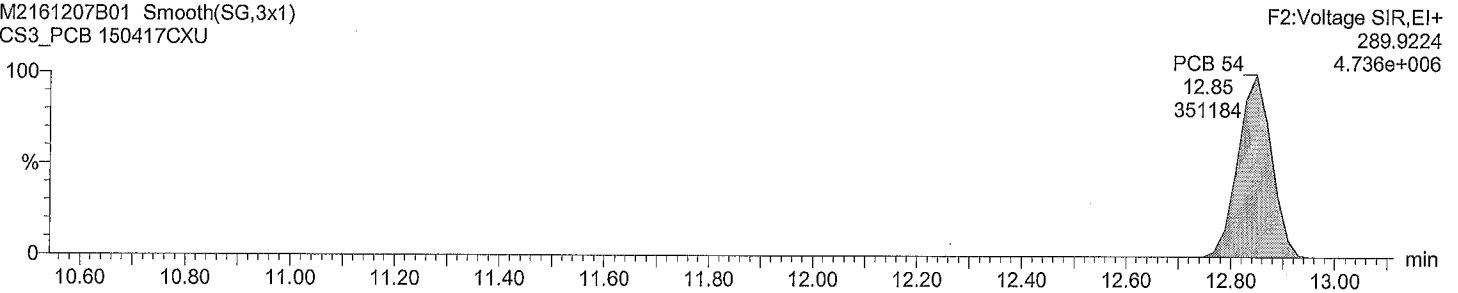
Date: 07-Dec-2016

Time: 17:19:33

Instrument:

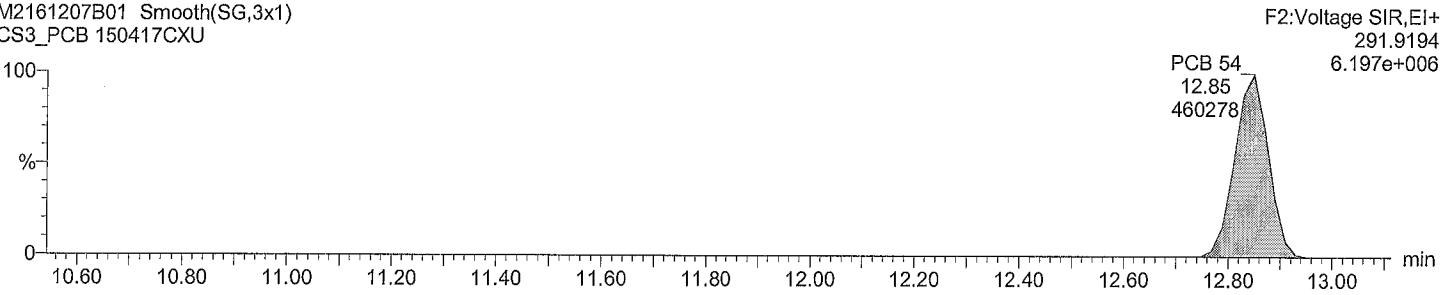
Total TeCB F2

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU



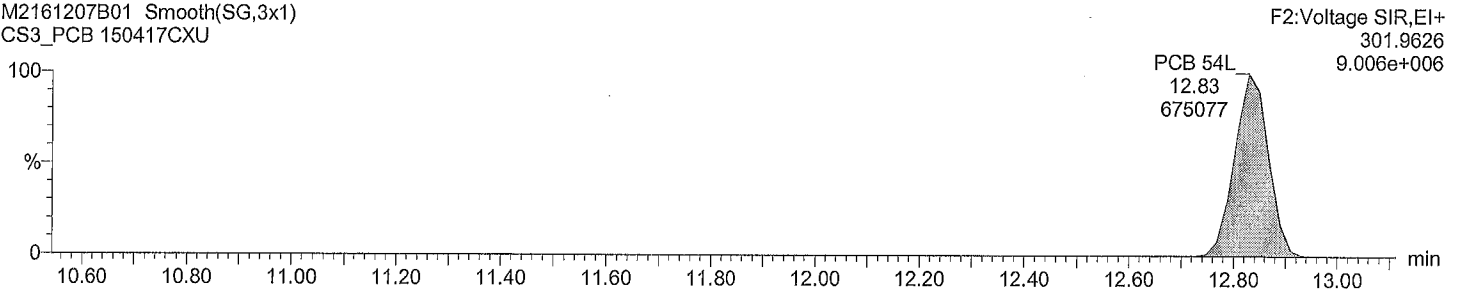
Total TeCB F2

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU



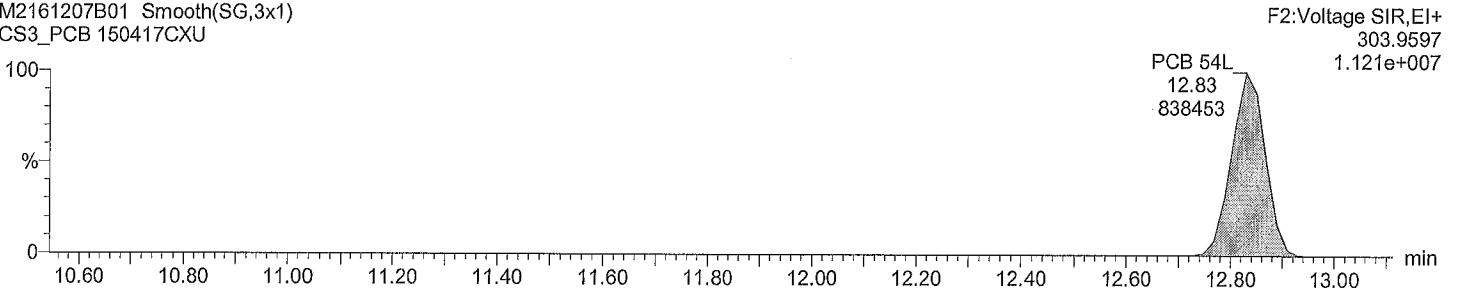
Total TeCB labeled F2

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU



Total TeCB labeled F2

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU



Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLDIM2161207B01CS3_1668A.qld

Last Altered: December 8, 2016 8:31:11 AM Eastern Standard Time

Printed: December 8, 2016 8:33:37 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 1

Date: 07-Dec-2016

Time: 17:19:33

Instrument:

Total TeCB F3

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

Total TeCB F3

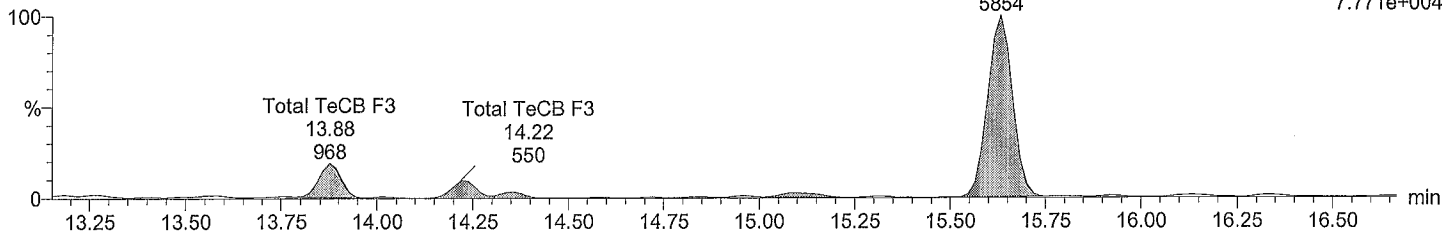
F3:Voltage SIR,EI+

15.63

289.9224

5854

7.771e+004



Total TeCB F3

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

Total TeCB F3

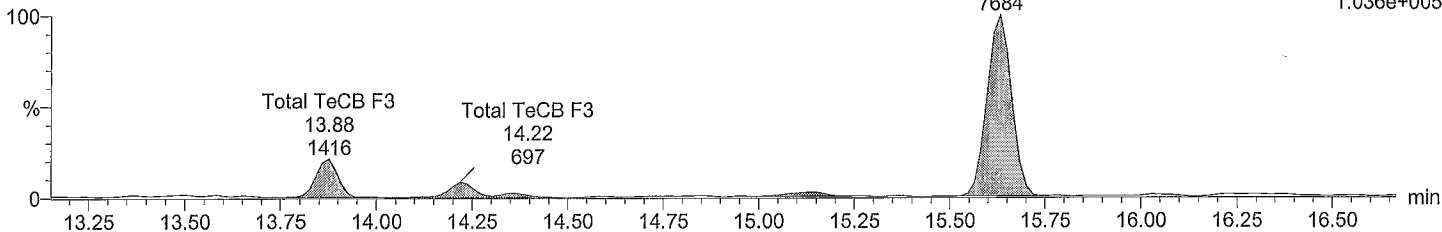
F3:Voltage SIR,EI+

15.63

291.9194

7684

1.036e+005



Total TeCB labeled F3

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 52L

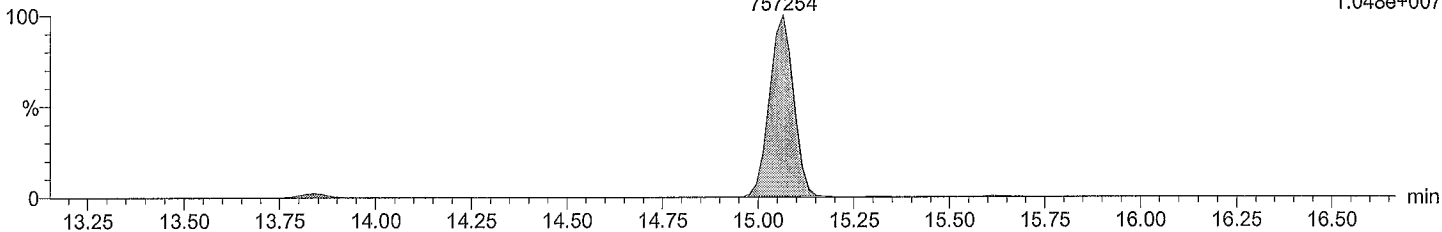
F3:Voltage SIR,EI+

15.06

301.9626

757254

1.048e+007



Total TeCB labeled F3

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 52L

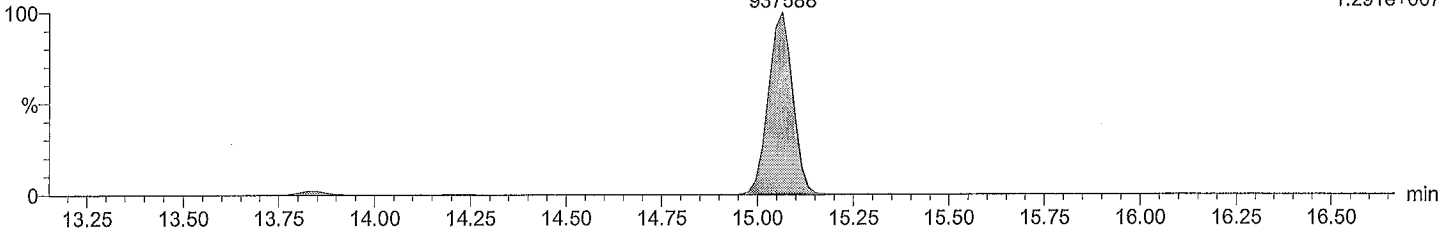
F3:Voltage SIR,EI+

15.06

303.9597

937588

1.291e+007



Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B01CS3_1668A.qld

Last Altered: December 8, 2016 8:31:11 AM Eastern Standard Time

Printed: December 8, 2016 8:33:37 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 1

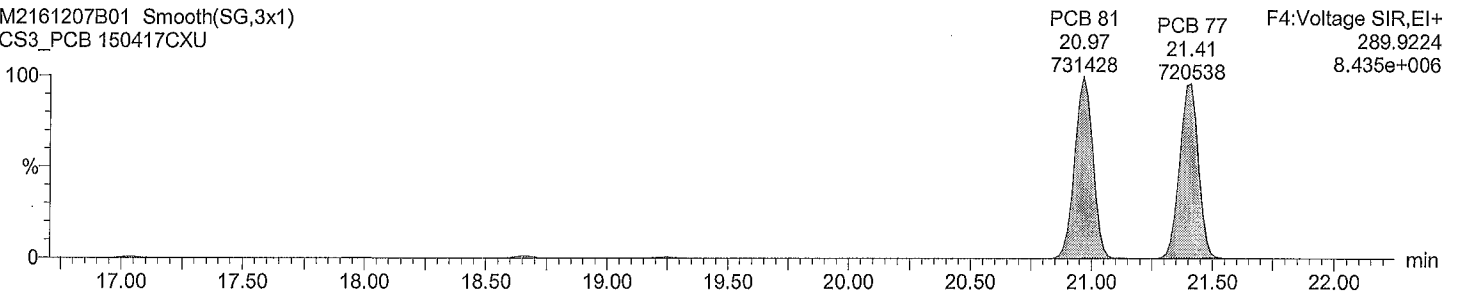
Date: 07-Dec-2016

Time: 17:19:33

Instrument:

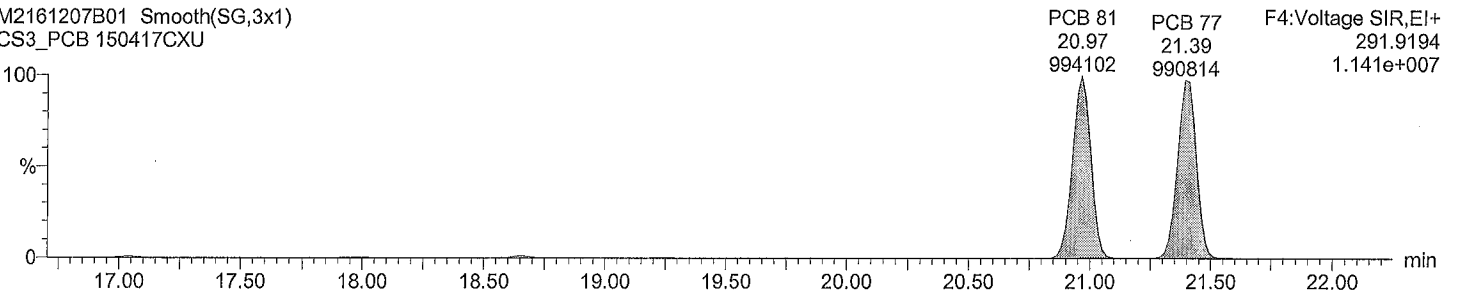
Total TeCB F4

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU



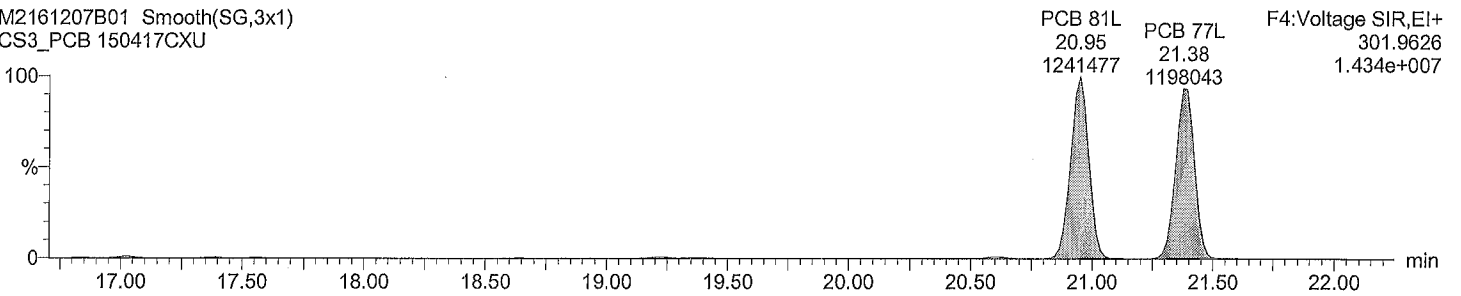
Total TeCB F4

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU



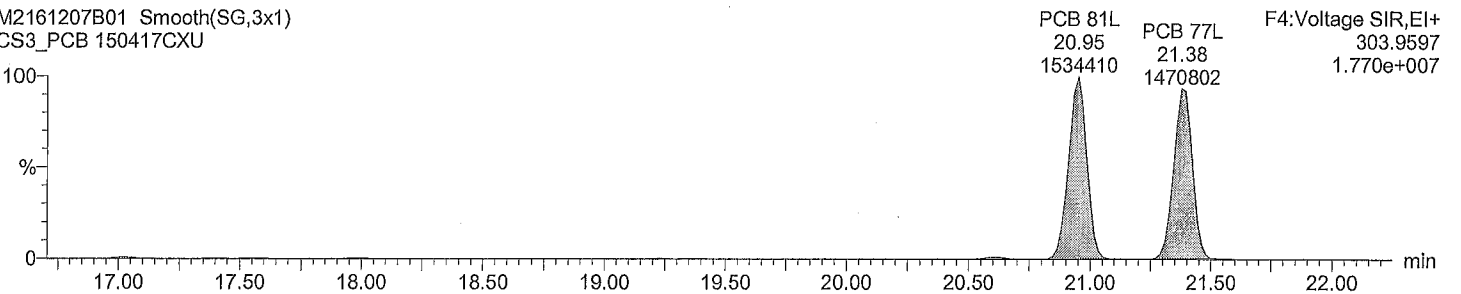
Total TeCB labeled F4

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU



Total TeCB labeled F4

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU



Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B01CS3_1668A.qld

Last Altered: December 8, 2016 8:31:11 AM Eastern Standard Time

Printed: December 8, 2016 8:33:37 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 1

Date: 07-Dec-2016

Time: 17:19:33

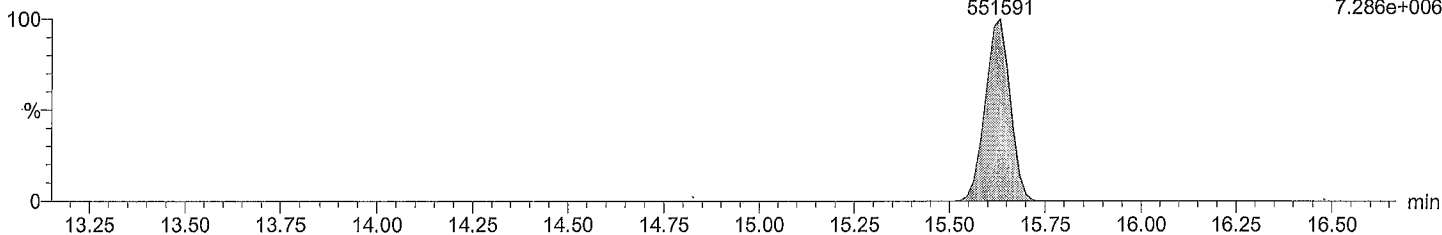
Instrument:

Total PeCB F3

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 104
15.63
551591

F3:Voltage SIR,EI+
325.8805
7.286e+006

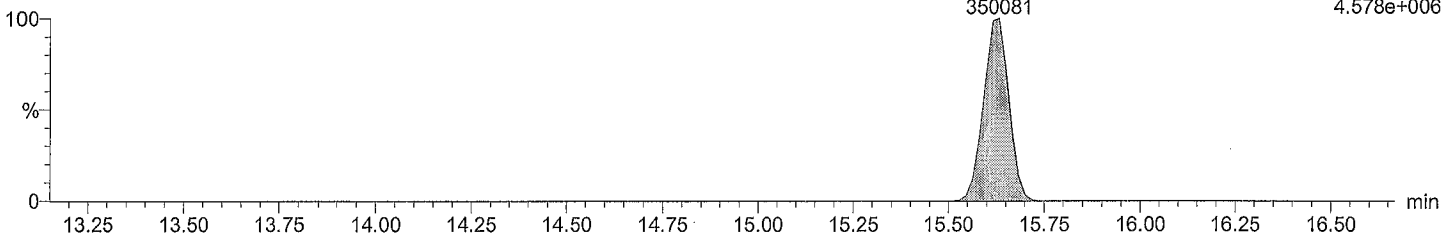


Total PeCB F3

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 104
15.63
350081

F3:Voltage SIR,EI+
327.8775
4.578e+006

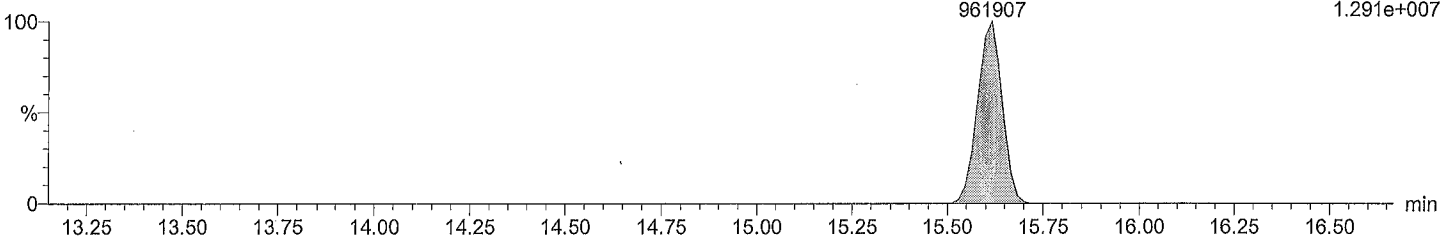


Total PeCB labeled F3

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 104L
15.62
961907

F3:Voltage SIR,EI+
337.9207
1.291e+007

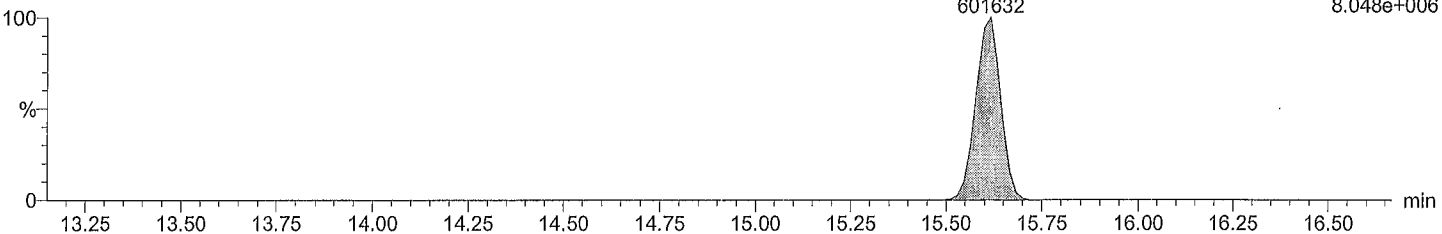


Total PeCB labeled F3

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 104L
15.62
601632

F3:Voltage SIR,EI+
339.9178
8.048e+006



Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B01CS3_1668A.qld

Last Altered: December 8, 2016 8:31:11 AM Eastern Standard Time

Printed: December 8, 2016 8:33:37 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 1

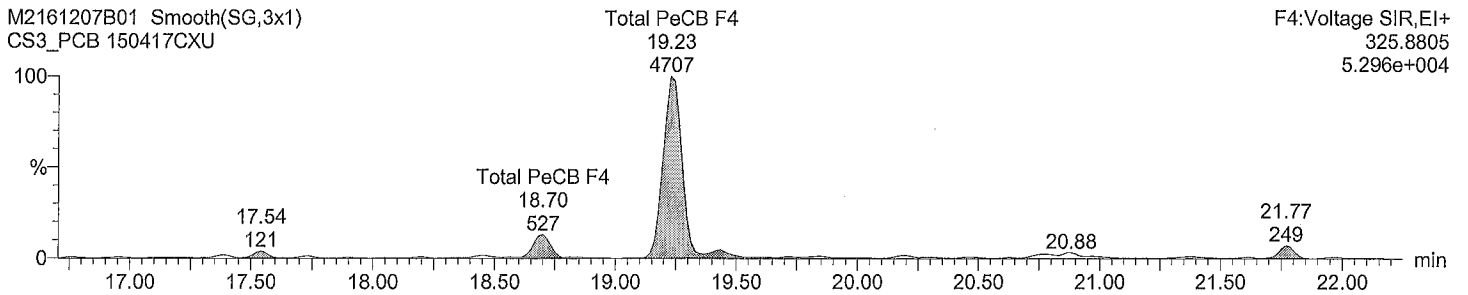
Date: 07-Dec-2016

Time: 17:19:33

Instrument:

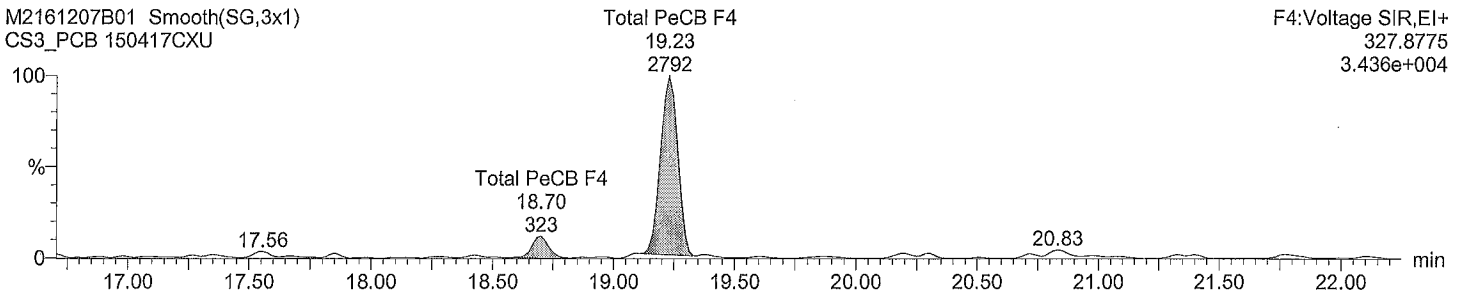
Total PeCB F4

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU



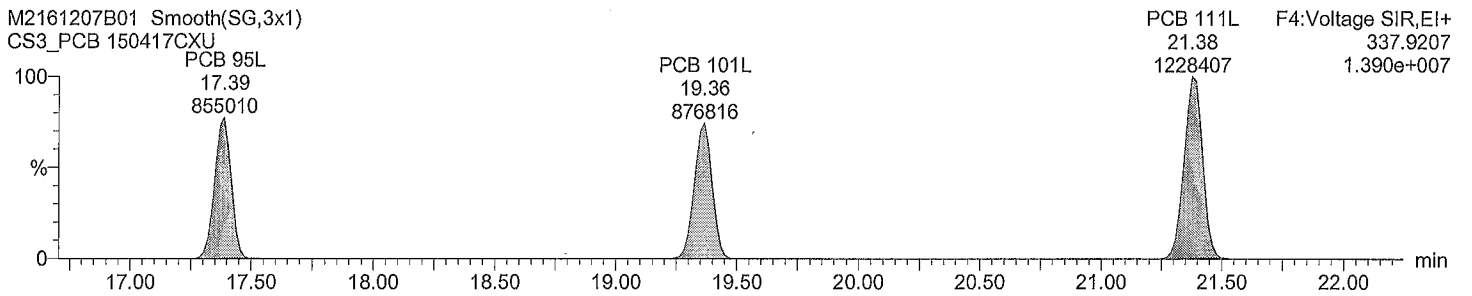
Total PeCB F4

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU



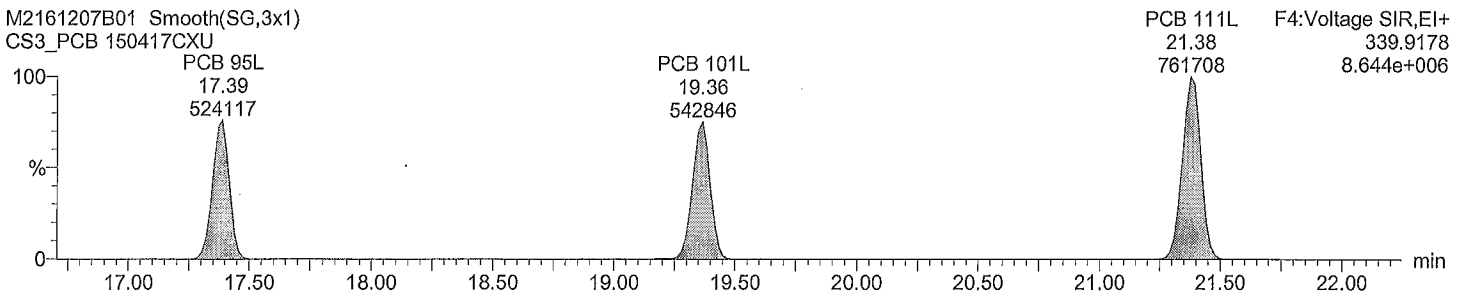
Total PeCB labeled F4

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU



Total PeCB labeled F4

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU



Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B01CS3_1668A.qld

Last Altered: December 8, 2016 8:31:11 AM Eastern Standard Time

Printed: December 8, 2016 8:33:37 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 1

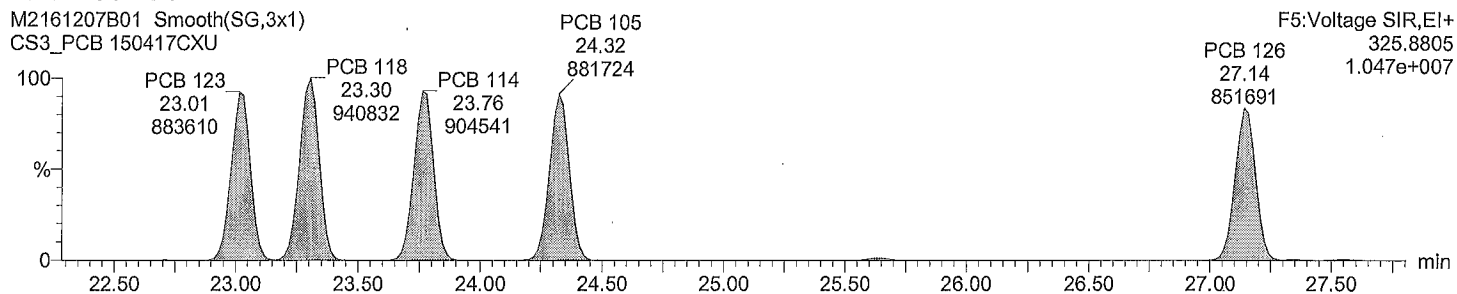
Date: 07-Dec-2016

Time: 17:19:33

Instrument:

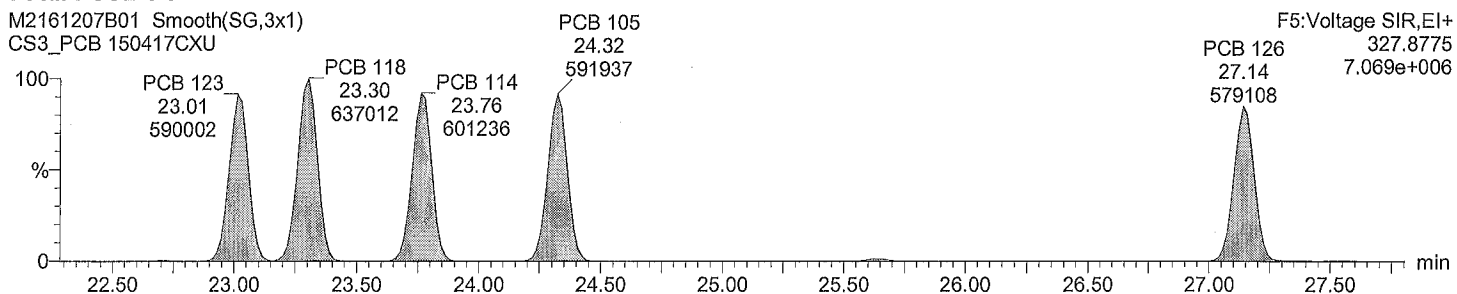
Total PeCB F5

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU



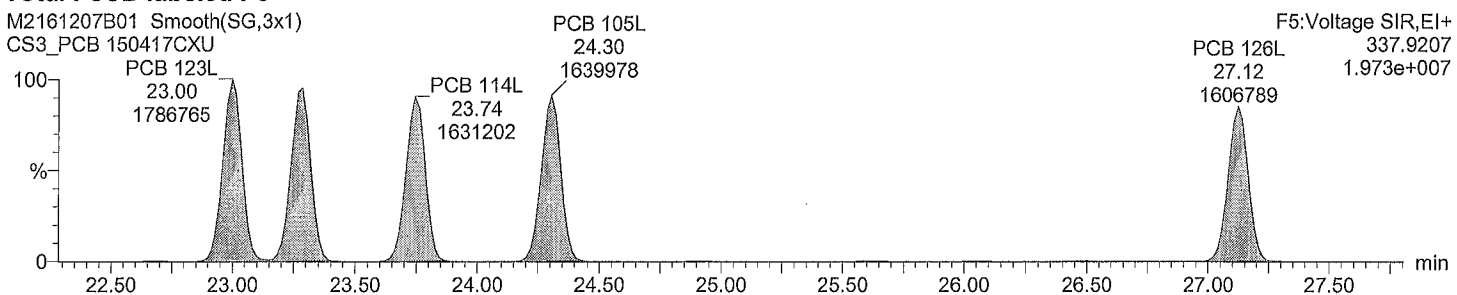
Total PeCB F5

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU



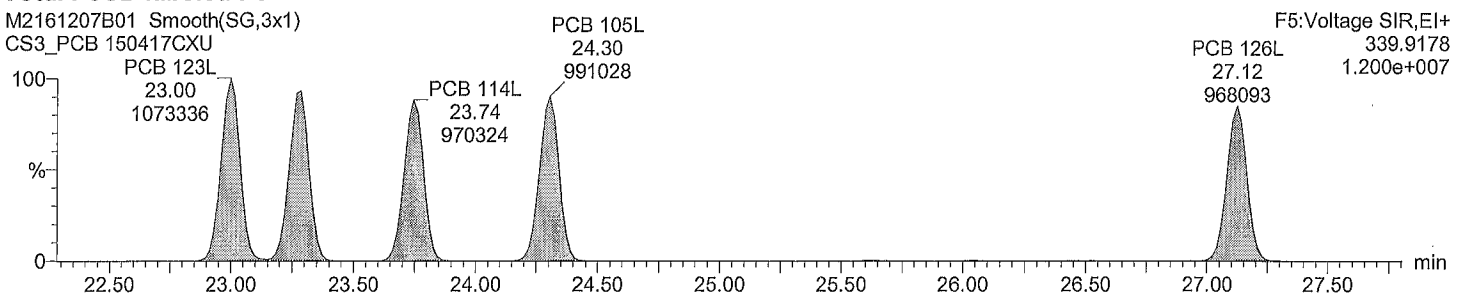
Total PeCB labeled F5

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU



Total PeCB labeled F5

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU



Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B01CS3_1668A.qld

Last Altered: December 8, 2016 8:31:11 AM Eastern Standard Time

Printed: December 8, 2016 8:33:37 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 1

Date: 07-Dec-2016

Time: 17:19:33

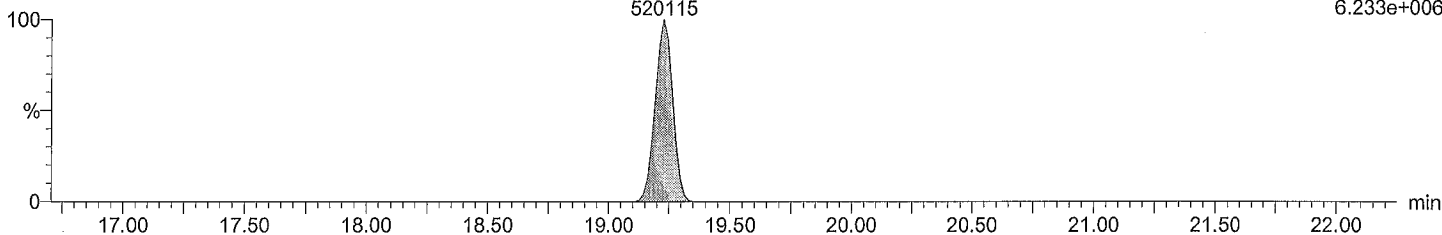
Instrument:

Total HxCB F4

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 155
19.23
520115

F4:Voltage SIR,EI+
359.8415
6.233e+006

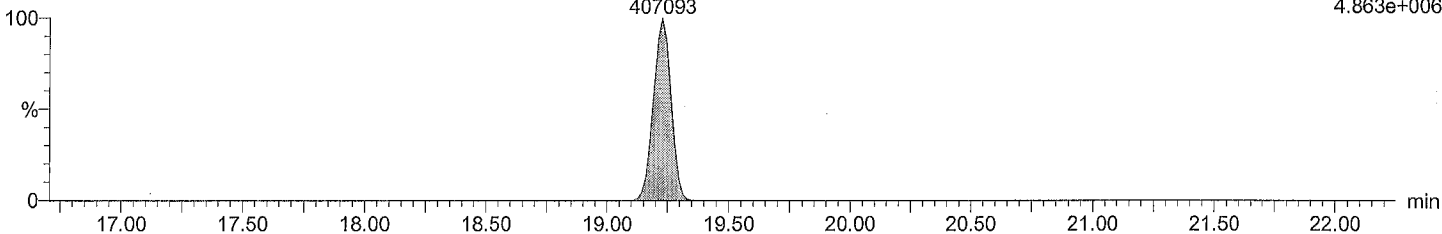


Total HxCB F4

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 155
19.23
407093

F4:Voltage SIR,EI+
361.8385
4.863e+006

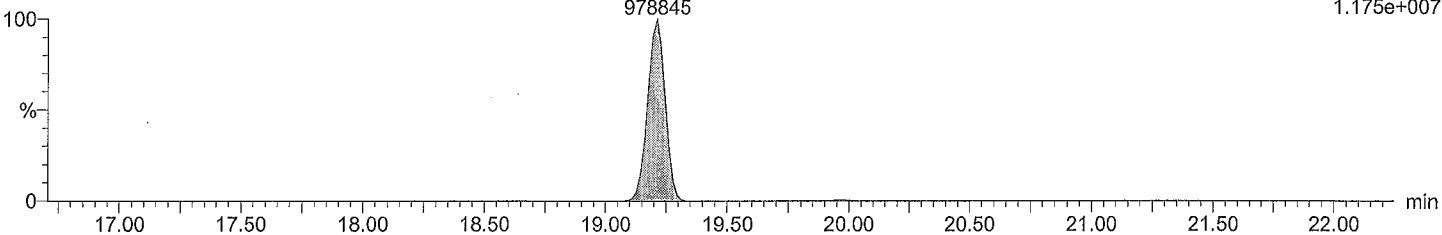


Total HxCB labeled F4

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 155L
19.21
978845

F4:Voltage SIR,EI+
371.8817
1.175e+007

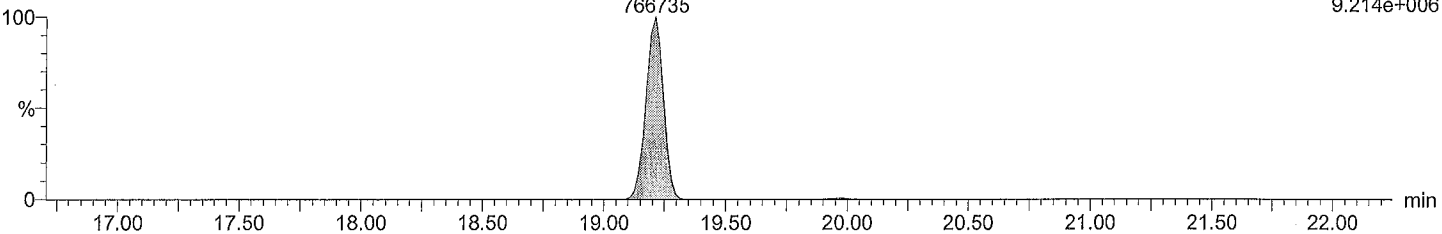


Total HxCB labeled F4

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 155L
19.21
766735

F4:Voltage SIR,EI+
373.8788
9.214e+006



Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLDM2161207B01CS3_1668A.qld

Last Altered: December 8, 2016 8:31:11 AM Eastern Standard Time

Printed: December 8, 2016 8:33:37 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 1

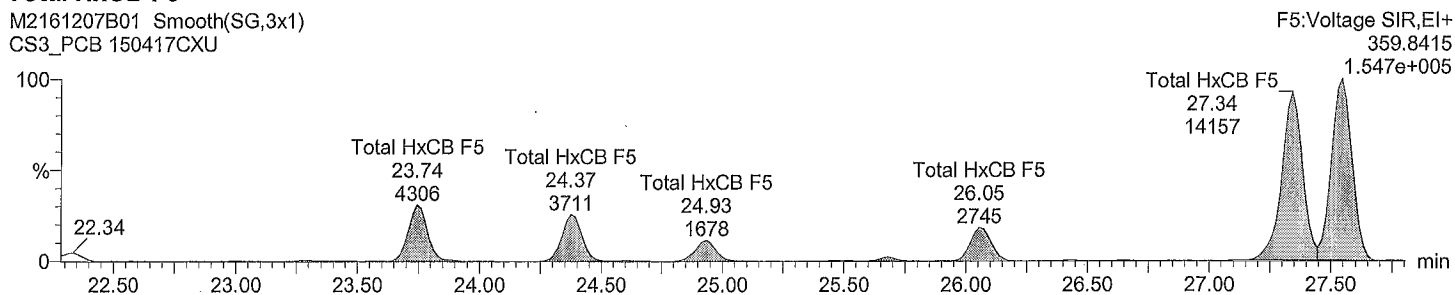
Date: 07-Dec-2016

Time: 17:19:33

Instrument:

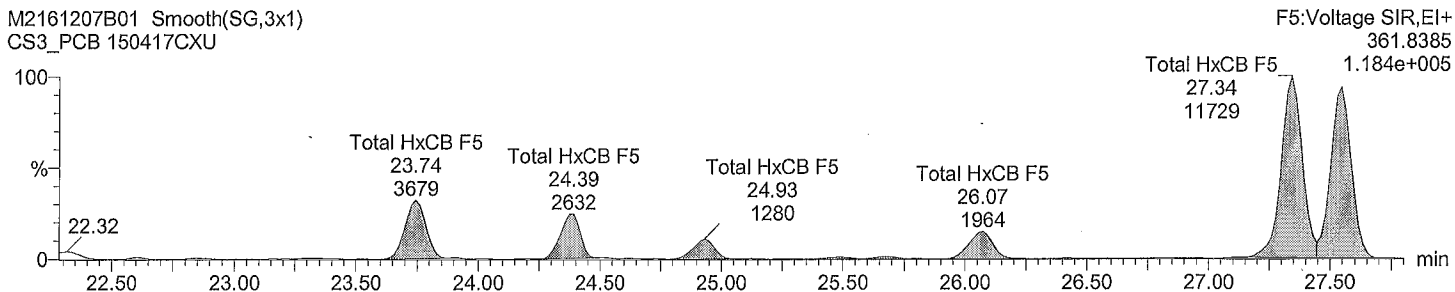
Total HxCB F5

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU



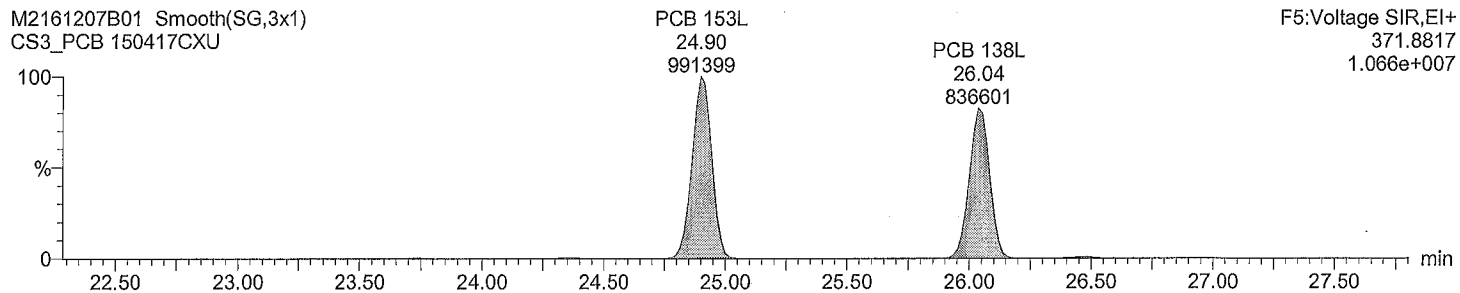
Total HxCB F5

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU



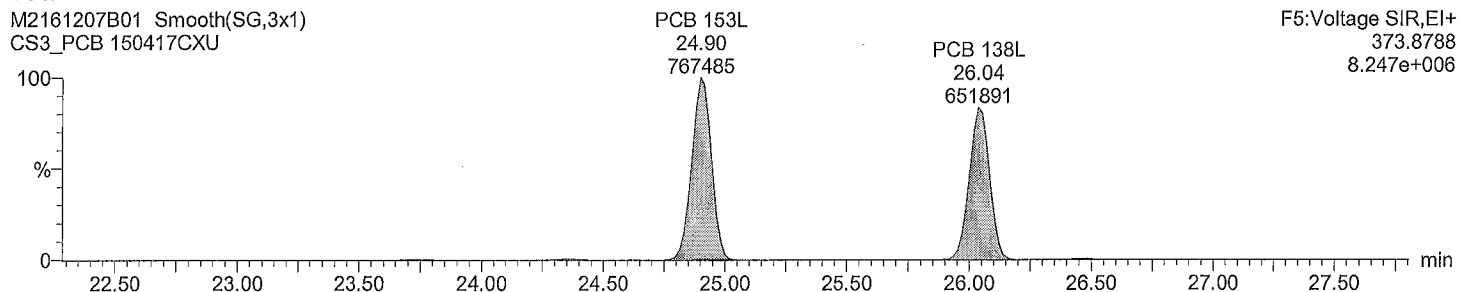
Total HxCB labeled F5

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU



Total HxCB labeled F5

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU



Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLDM2161207B01CS3_1668A.qld

Last Altered: December 8, 2016 8:31:11 AM Eastern Standard Time

Printed: December 8, 2016 8:33:37 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 1

Date: 07-Dec-2016

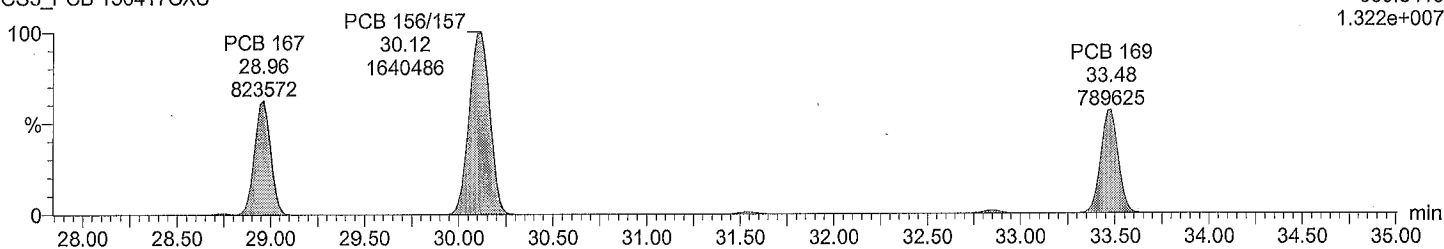
Time: 17:19:33

Instrument:

Total HxCB F6

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

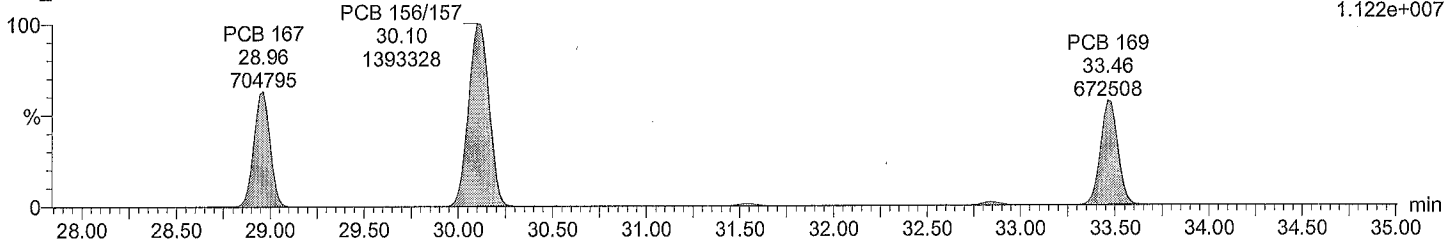
F6:Voltage SIR,EI+
359.8415
1.322e+007



Total HxCB F6

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

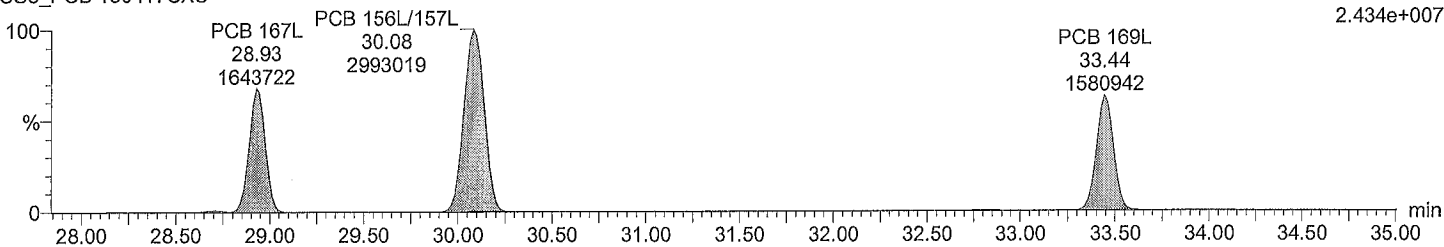
F6:Voltage SIR,EI+
361.8385
1.122e+007



Total HxCB labeled F6

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

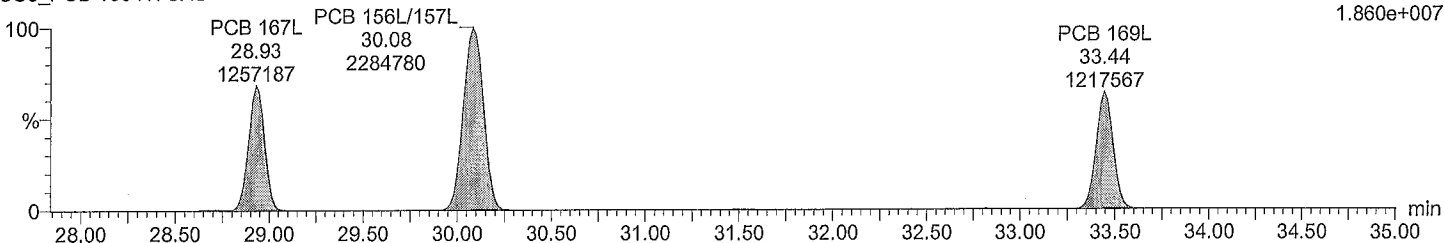
F6:Voltage SIR,EI+
371.8817
2.434e+007



Total HxCB labeled F6

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

F6:Voltage SIR,EI+
373.8788
1.860e+007



Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B01CS3_1668A.qld

Last Altered: December 8, 2016 8:31:11 AM Eastern Standard Time

Printed: December 8, 2016 8:33:37 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 1

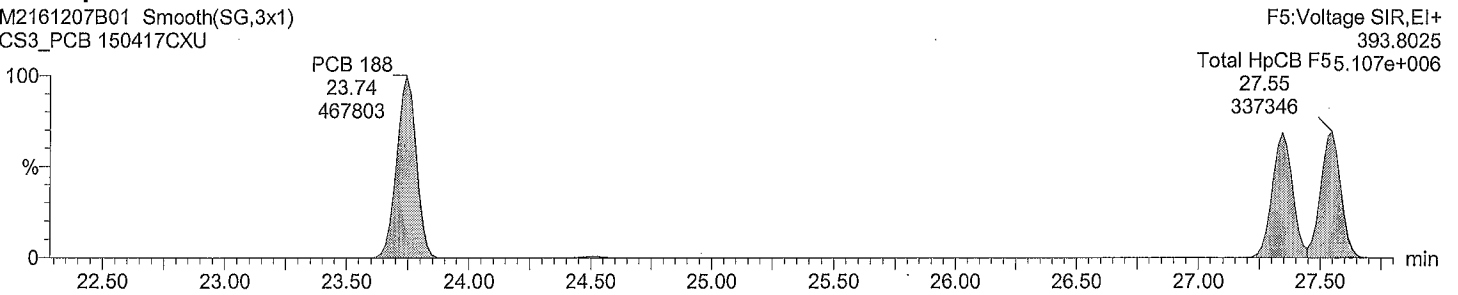
Date: 07-Dec-2016

Time: 17:19:33

Instrument:

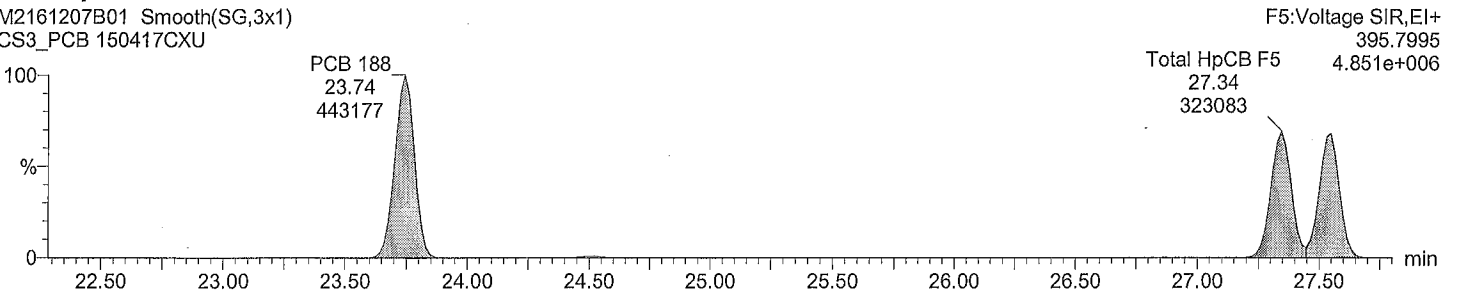
Total HpCB F5

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU



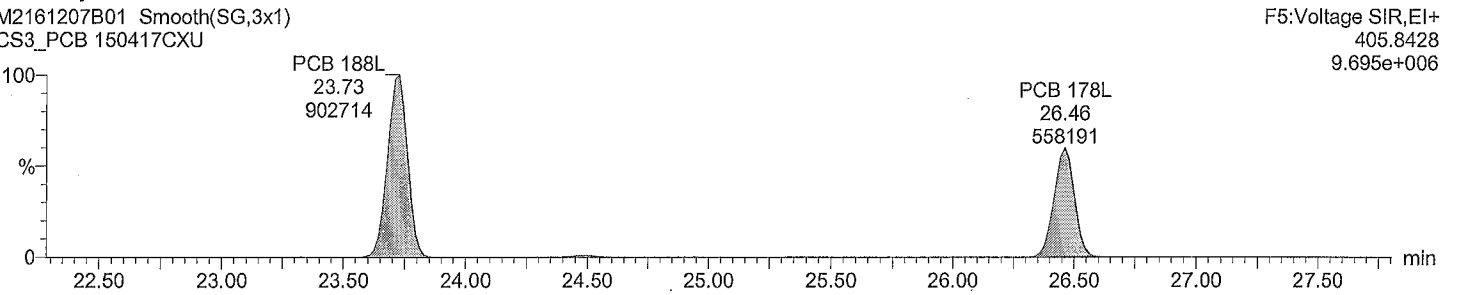
Total HpCB F5

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU



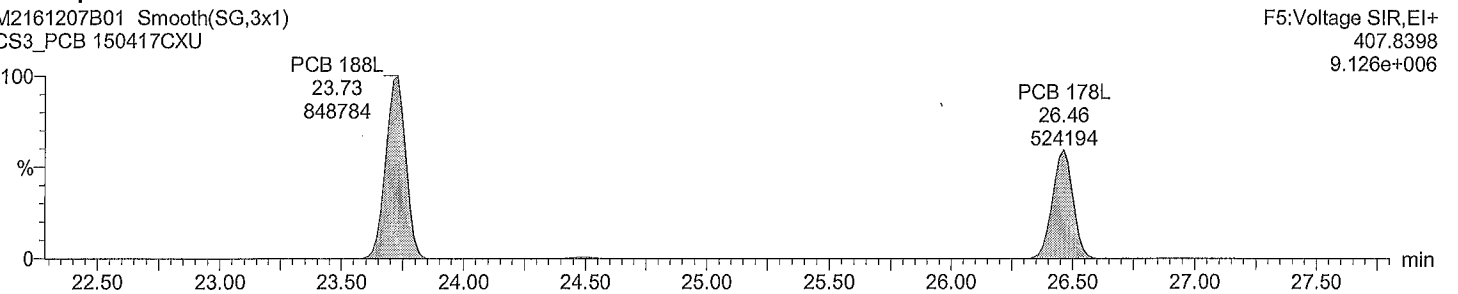
Total HpCB labeled F5

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU



Total HpCB labeled F5

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU



Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B01CS3_1668A.qld

Last Altered: December 8, 2016 8:31:11 AM Eastern Standard Time

Printed: December 8, 2016 8:33:37 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 1

Date: 07-Dec-2016

Time: 17:19:33

Instrument:

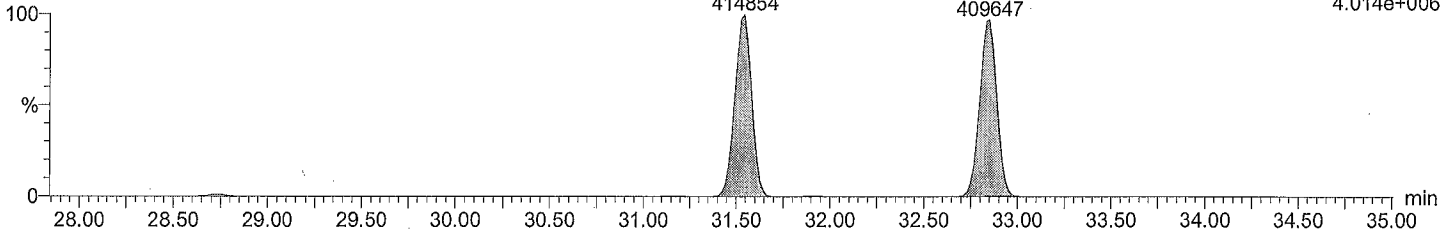
Total HpCB F6

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 193/180
31.54
414854

PCB 170
32.85
409647

F6:Voltage SIR,EI+
393.8025
4.014e+006



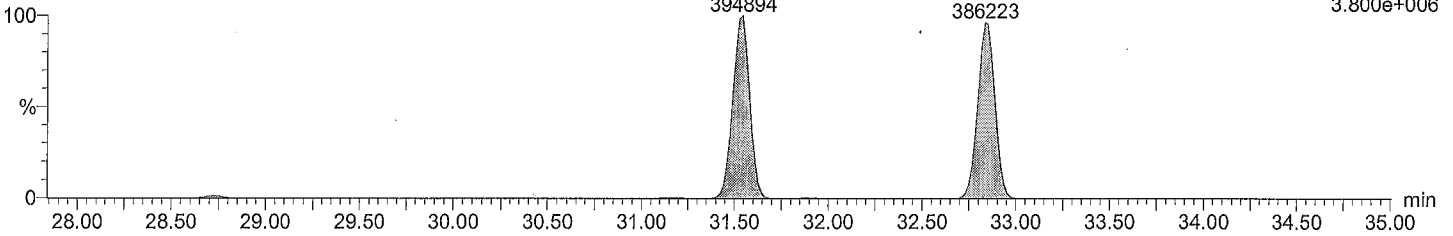
Total HpCB F6

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 193/180
31.54
394894

PCB 170
32.83
386223

F6:Voltage SIR,EI+
395.7995
3.800e+006



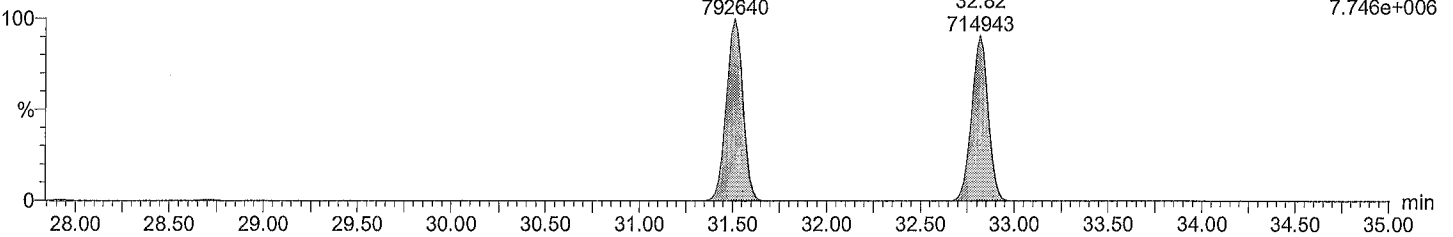
Total HpCB labeled F6

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 180L
31.51
792640

PCB 170L
32.82
714943

F6:Voltage SIR,EI+
405.8428
7.746e+006



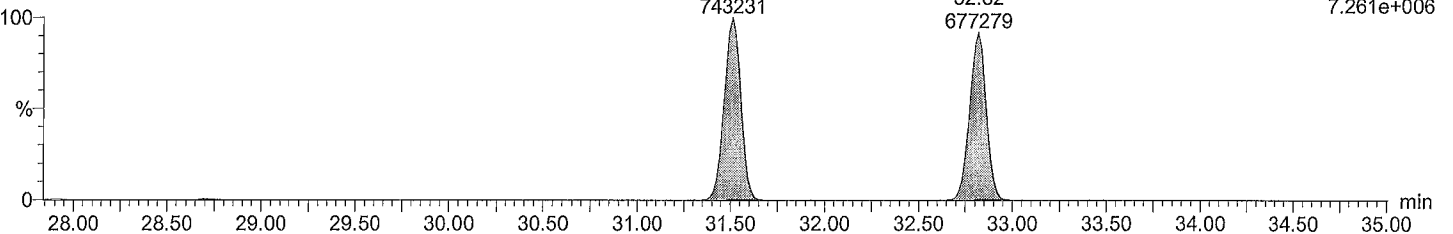
Total HpCB labeled F6

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 180L
31.51
743231

PCB 170L
32.82
677279

F6:Voltage SIR,EI+
407.8398
7.261e+006



Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLDM2161207B01CS3_1668A.qld

Last Altered: December 8, 2016 8:31:11 AM Eastern Standard Time

Printed: December 8, 2016 8:33:37 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 1

Date: 07-Dec-2016

Time: 17:19:33

Instrument:

Total HpCB F7

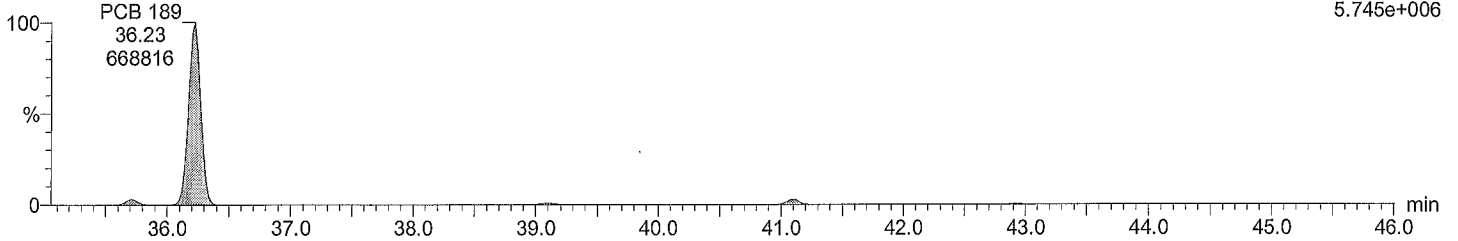
M2161207B01 Smooth(SG,3x1)

CS3_PCB 150417CXU

F7:Voltage SIR,EI+

393.8025

5.745e+006



Total HpCB F7

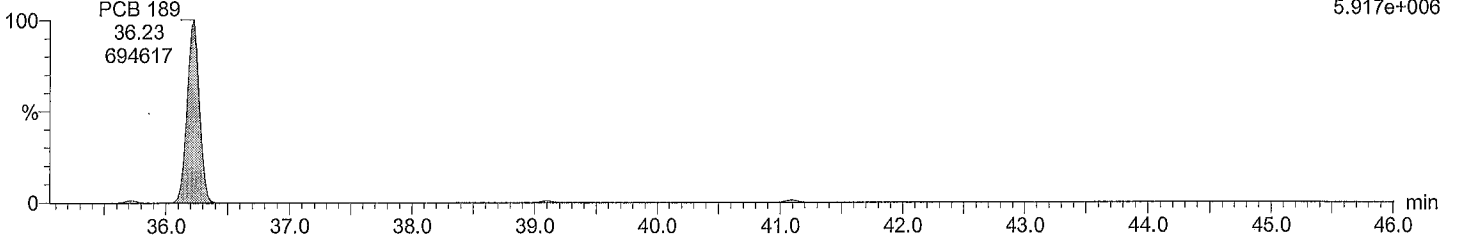
M2161207B01 Smooth(SG,3x1)

CS3_PCB 150417CXU

F7:Voltage SIR,EI+

395.7995

5.917e+006



Total HpCB labeled F7

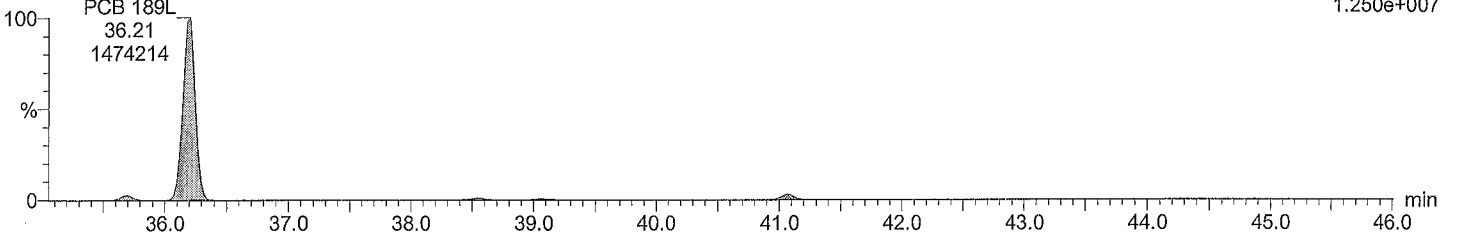
M2161207B01 Smooth(SG,3x1)

CS3_PCB 150417CXU

F7:Voltage SIR,EI+

405.8428

1.250e+007



Total HpCB labeled F7

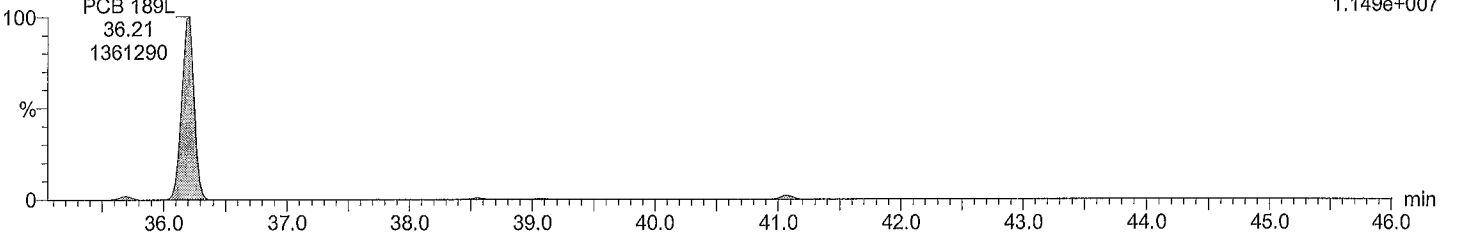
M2161207B01 Smooth(SG,3x1)

CS3_PCB 150417CXU

F7:Voltage SIR,EI+

407.8398

1.149e+007



Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B01CS3_1668A.qld

Last Altered: December 8, 2016 8:31:11 AM Eastern Standard Time
Printed: December 8, 2016 8:33:37 AM Eastern Standard Time

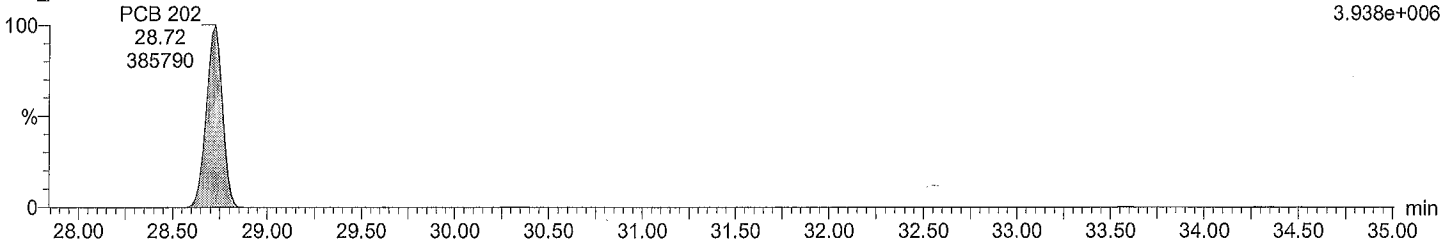
Description: CS3_PCB 150417CXU

Vial: 1
Date: 07-Dec-2016
Time: 17:19:33
Instrument:

Total OcCB F6

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

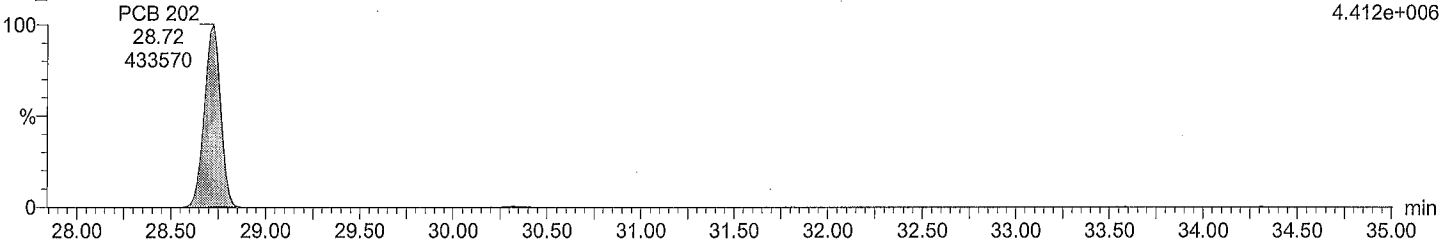
F6:Voltage SIR,EI+
427.7635
3.938e+006



Total OcCB F6

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

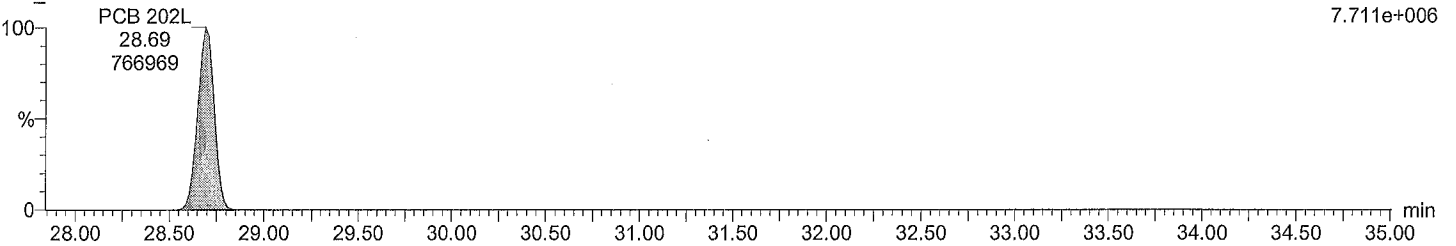
F6:Voltage SIR,EI+
429.7606
4.412e+006



Total OcCB labeled F6

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

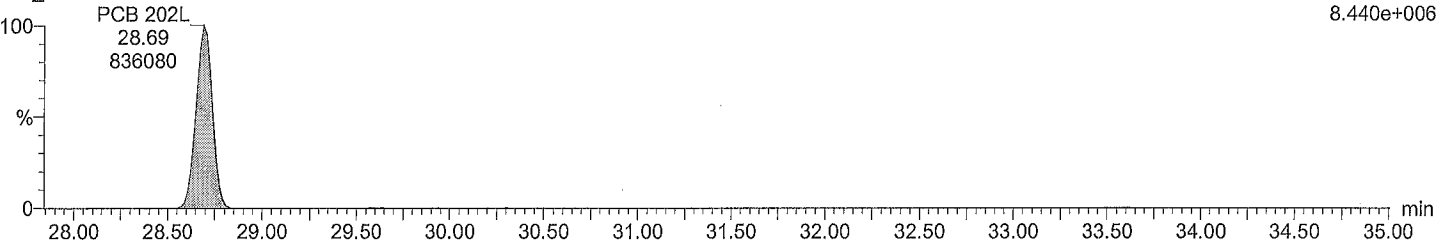
F6:Voltage SIR,EI+
439.8038
7.711e+006



Total OcCB labeled F6

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

F6:Voltage SIR,EI+
441.8008
8.440e+006



Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B01CS3_1668A.qld

Last Altered: December 8, 2016 8:31:11 AM Eastern Standard Time

Printed: December 8, 2016 8:33:37 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 1

Date: 07-Dec-2016

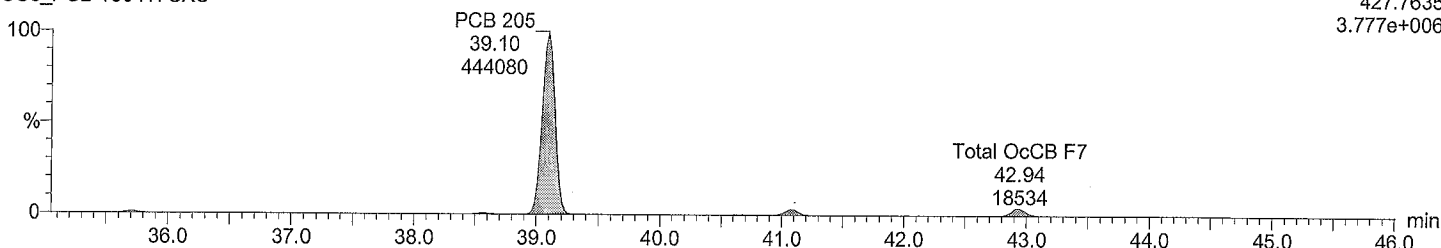
Time: 17:19:33

Instrument:

Total OcCB F7

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

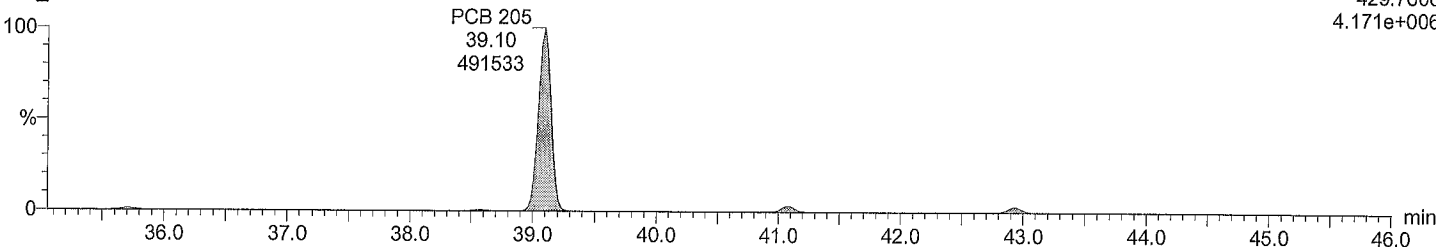
F7:Voltage SIR,EI+
427.7635
3.777e+006



Total OcCB F7

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

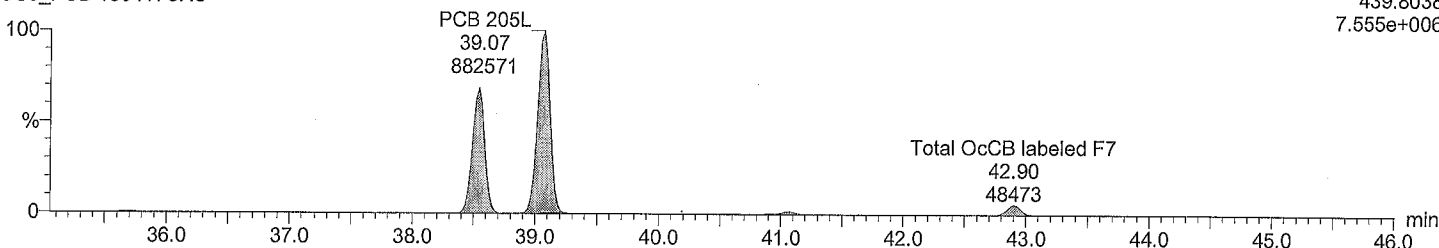
F7:Voltage SIR,EI+
429.7606
4.171e+006



Total OcCB labeled F7

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

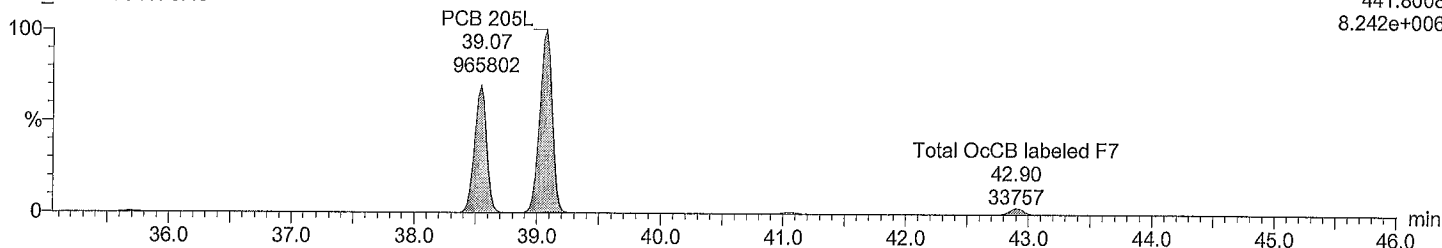
F7:Voltage SIR,EI+
439.8038
7.555e+006



Total OcCB labeled F7

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

F7:Voltage SIR,EI+
441.8008
8.242e+006



Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B01CS3_1668A.qld

Last Altered: December 8, 2016 8:31:11 AM Eastern Standard Time
Printed: December 8, 2016 8:33:37 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 1

Date: 07-Dec-2016

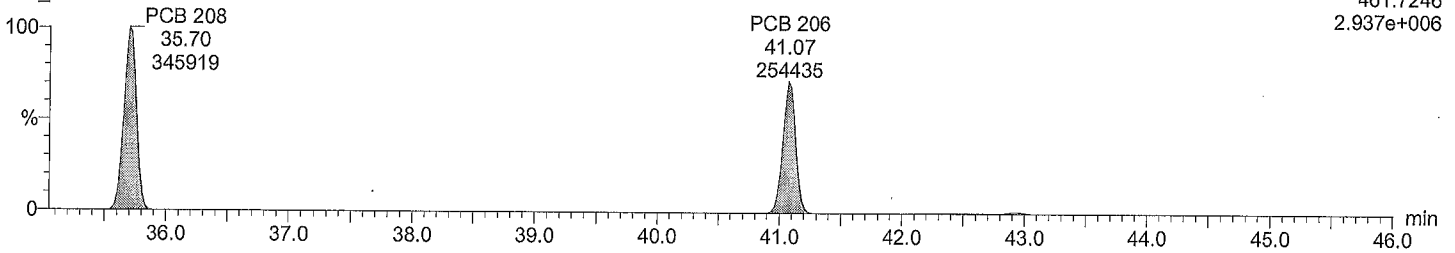
Time: 17:19:33

Instrument:

Total NoCB F7

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

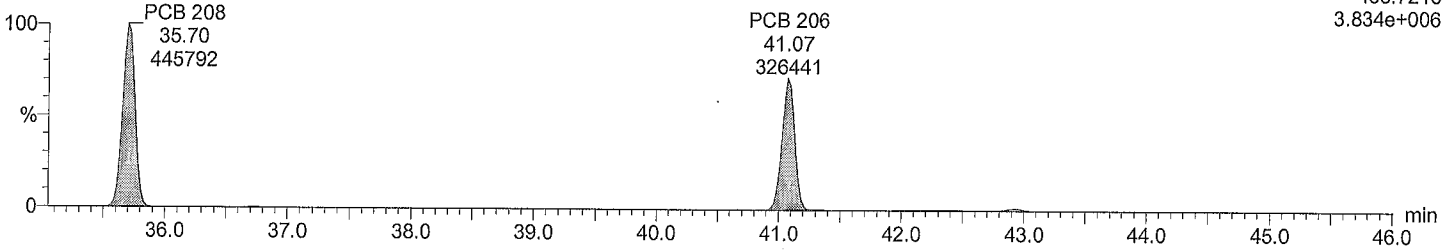
F7:Voltage SIR,EI+
461.7246
2.937e+006



Total NoCB F7

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

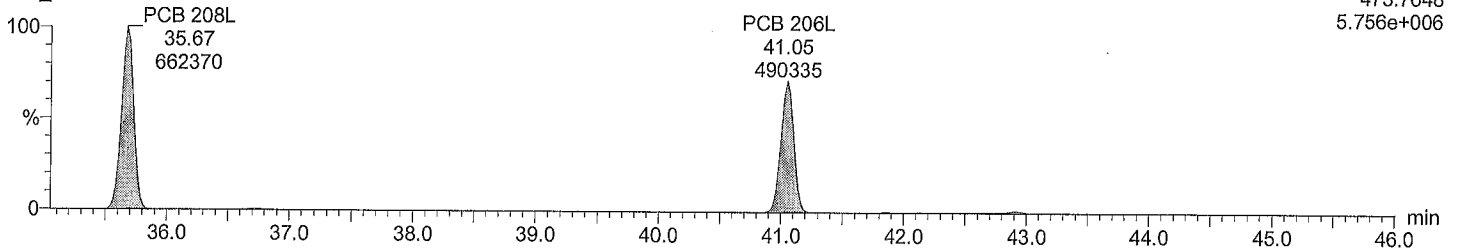
F7:Voltage SIR,EI+
463.7216
3.834e+006



Total NoCB labeled F7

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

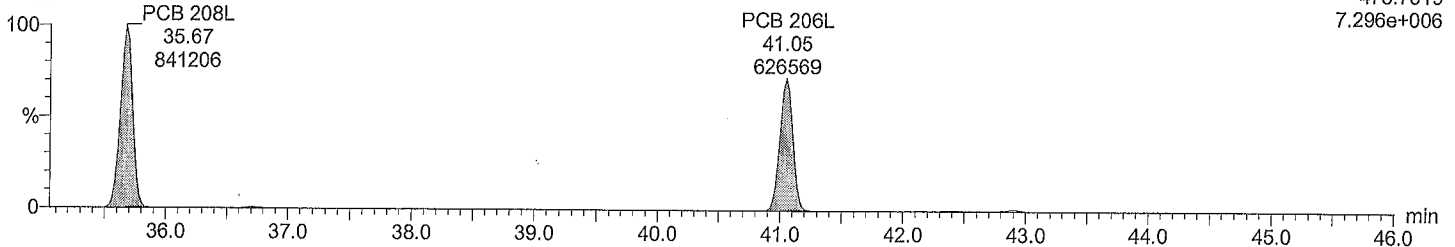
F7:Voltage SIR,EI+
473.7648
5.756e+006



Total NoCB labeled F7

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

F7:Voltage SIR,EI+
475.7619
7.296e+006



Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B01CS3_1668A.qld

Last Altered: December 8, 2016 8:31:11 AM Eastern Standard Time

Printed: December 8, 2016 8:33:37 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 1

Date: 07-Dec-2016

Time: 17:19:33

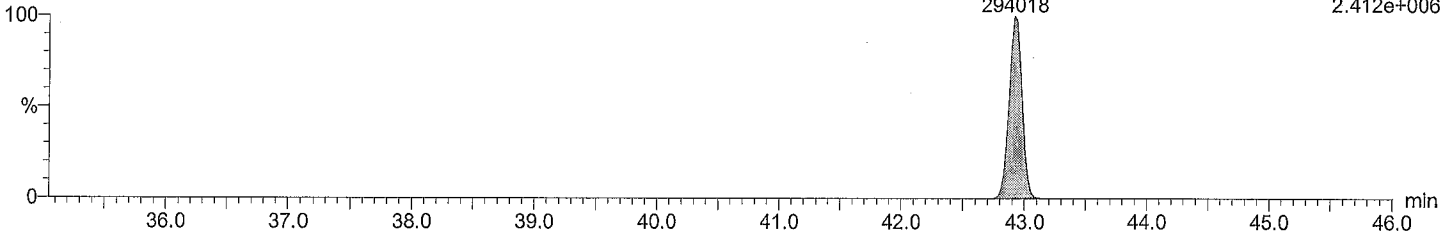
Instrument:

Total DeCB F7

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 209
42.92
294018

F7:Voltage SIR,EI+
497.6826
2.412e+006

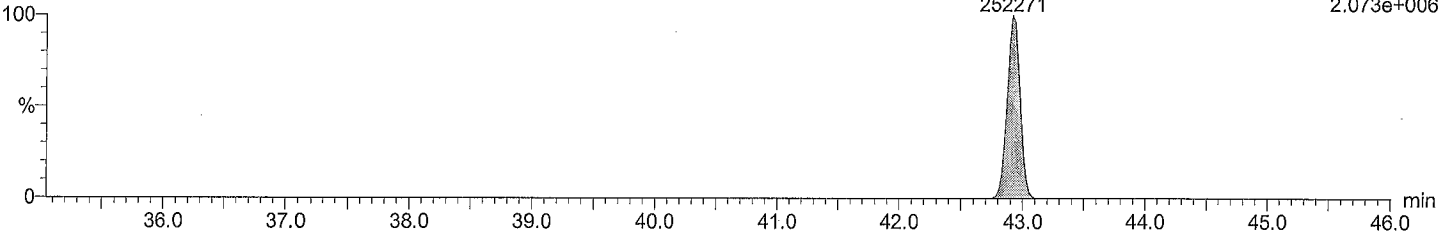


Total DeCB F7

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 209
42.92
252271

F7:Voltage SIR,EI+
499.6797
2.073e+006

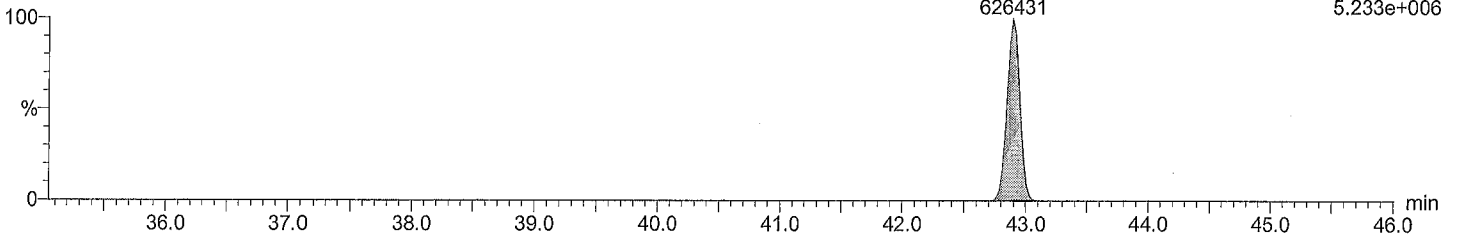


Total DeCB labeled F7

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 209L
42.90
626431

F7:Voltage SIR,EI+
509.7229
5.233e+006

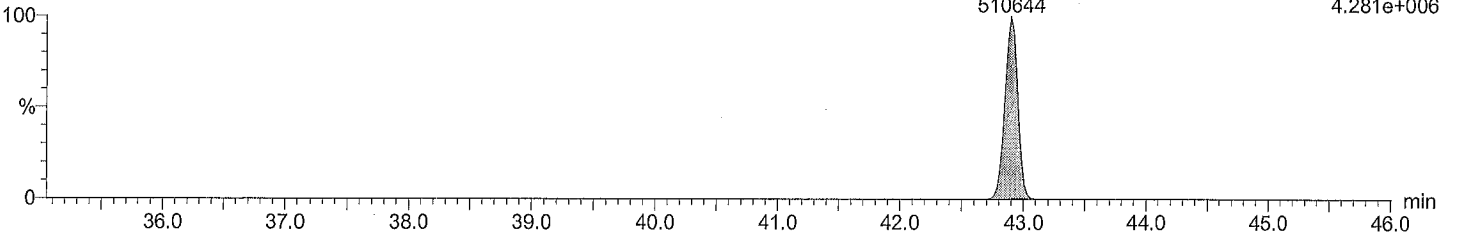


Total DeCB labeled F7

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 209L
42.90
510644

F7:Voltage SIR,EI+
511.7199
4.281e+006



Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B01CS3_1668A.qld

Last Altered: December 8, 2016 8:31:11 AM Eastern Standard Time

Printed: December 8, 2016 8:33:37 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 1

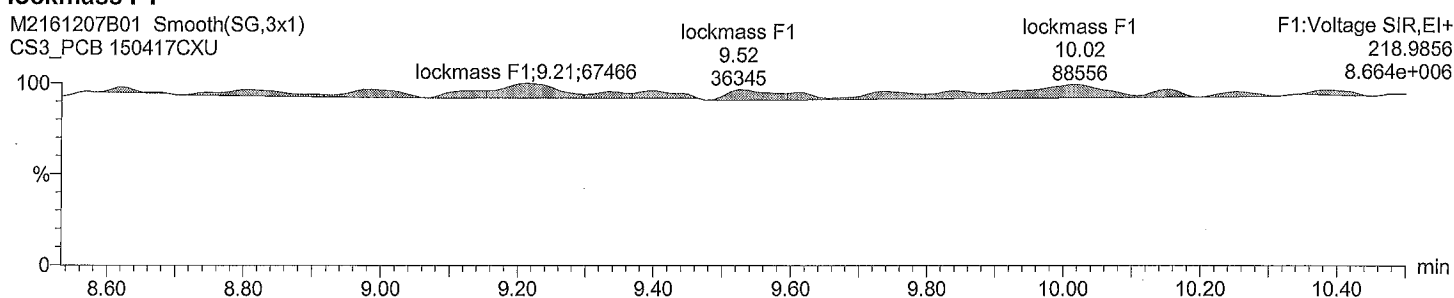
Date: 07-Dec-2016

Time: 17:19:33

Instrument:

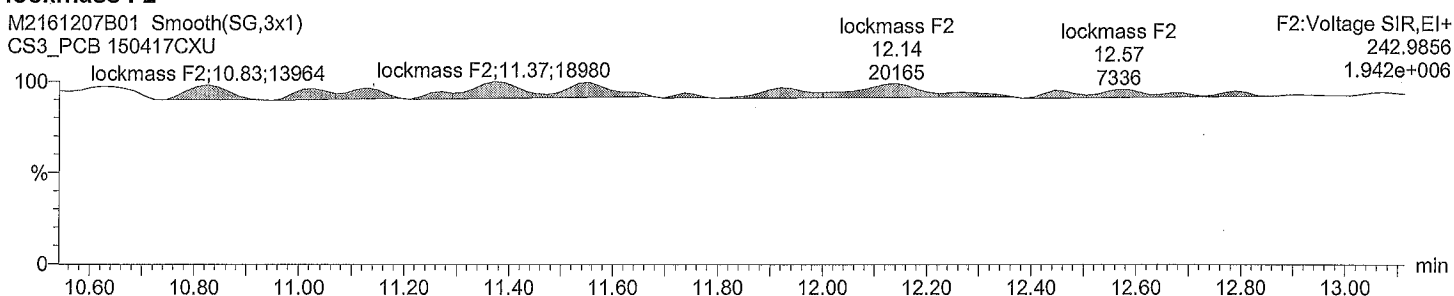
lockmass F1

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU



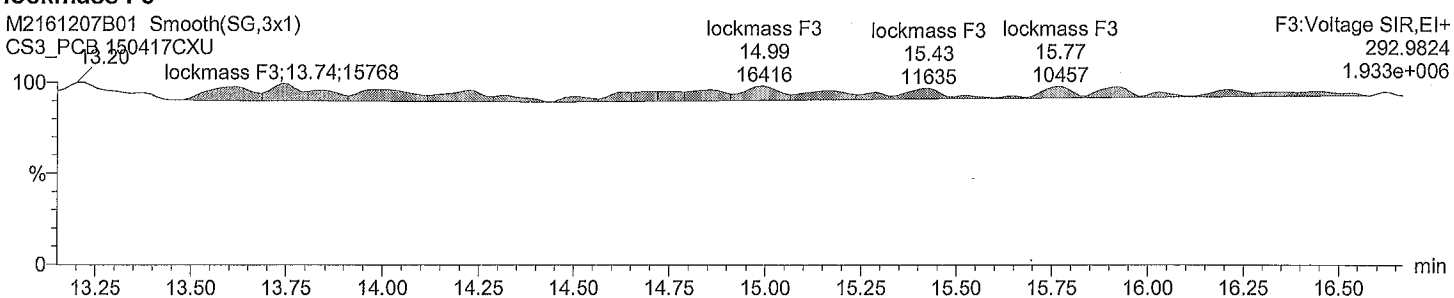
lockmass F2

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU



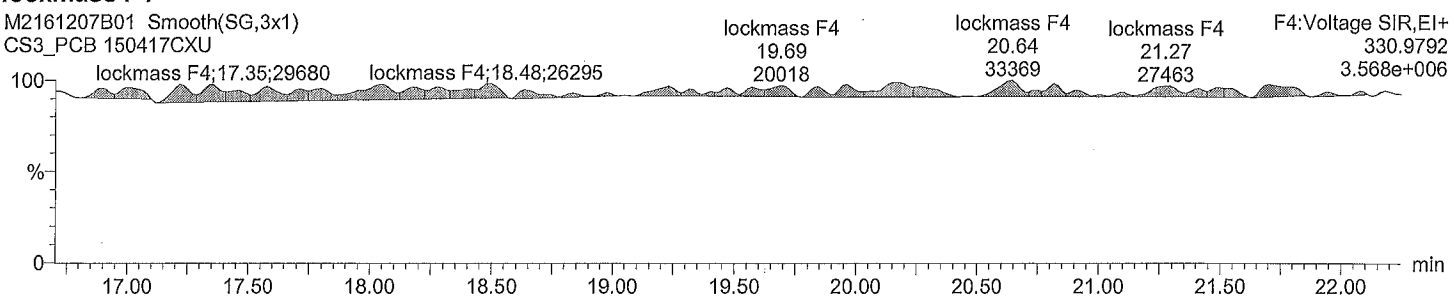
lockmass F3

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU



lockmass F4

M2161207B01 Smooth(SG,3x1)
CS3_PCB 150417CXU



Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLDM2161207B01CS3_1668A.qld

Last Altered: December 8, 2016 8:31:11 AM Eastern Standard Time

Printed: December 8, 2016 8:33:37 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 1

Date: 07-Dec-2016

Time: 17:19:33

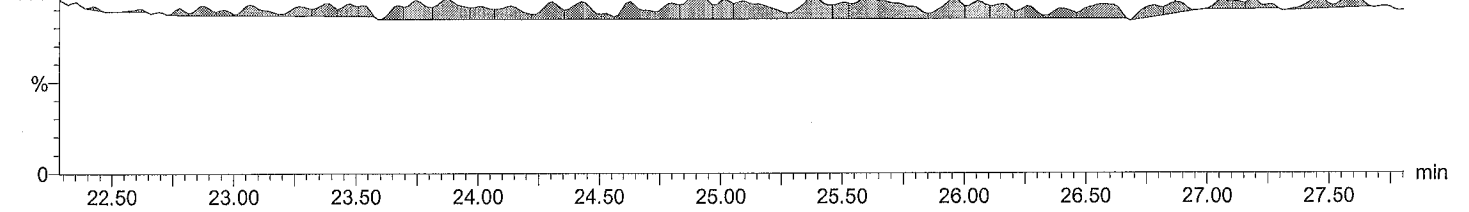
Instrument:

lockmass F5

M2161207B01 Smooth(SG,3x1)

CS3_PCB 150417CXU

22.28



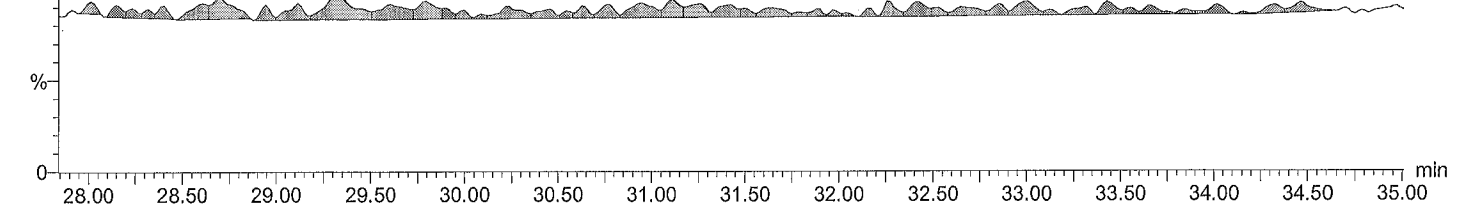
F5:Voltage SIR,EI+
354.9792
6.795e+005

lockmass F6

M2161207B01 Smooth(SG,3x1)

CS3_PCB 150417CXU

lockmass F6;29.32;16837



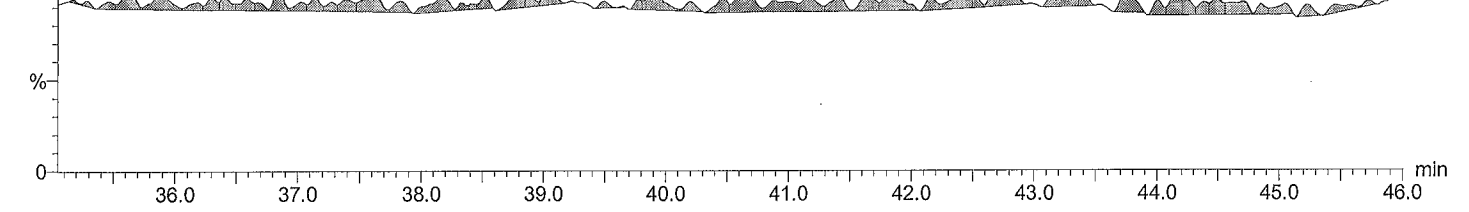
F6:Voltage SIR,EI+
404.9760
6.499e+005

lockmass F7

M2161207B01 Smooth(SG,3x1)

CS3_PCB 150417CXU

lockmass F7;36.85;6453



F7:Voltage SIR,EI+
454.9728
6.195e+005

Acquired Date

Dataset: M:\ULTIMA 2\PCB_QLD\M2161207B01CS3_1668A.qld

Last Altered: December 8, 2016 8:31:11 AM Eastern Standard Time

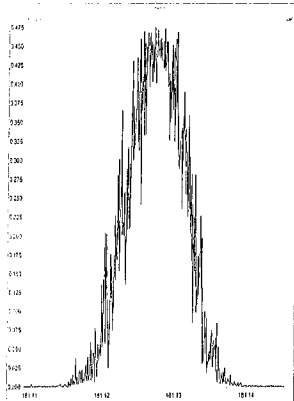
Printed: December 8, 2016 8:33:37 AM Eastern Standard Time

| Date | Time | Event | RT | Details | Comments |
|-----------|----------|-------------------|----|---------|---|
| 08-Dec-16 | 08:31:11 | Process Integrate | | | |
| 08-Dec-16 | 08:31:11 | Process Quantify | | | |
| 08-Dec-16 | 08:31:11 | Dataset Created | | | |
| 08-Dec-16 | 08:33:33 | Dataset Saved | | | Saved to 'M:\ULTIMA 2\PCB_QLD\M2161207B0... |

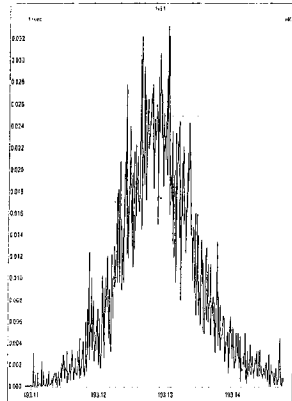
File: Experiment: PCB.exp Reference: pfk.ref Function: 1 @ 200 (ppm)

Printed: Wednesday, December 07, 2016 17:12:40 Eastern Standard Time

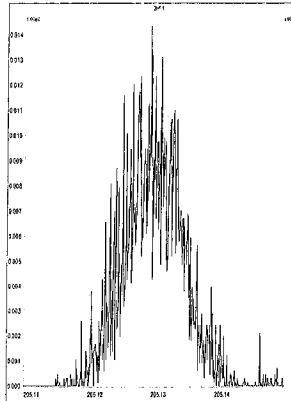
M 180.9888 R 12077



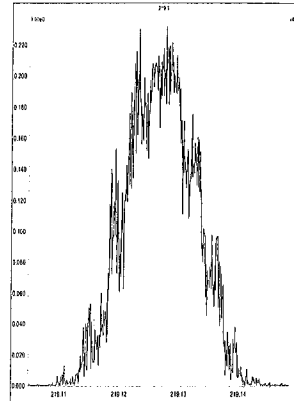
M 192.9888 R 8331



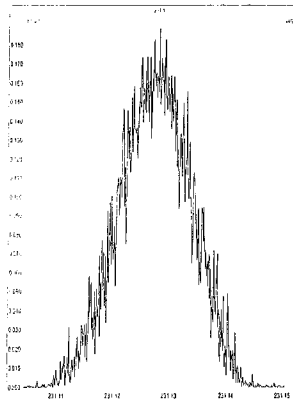
M 204.9888 R 12313



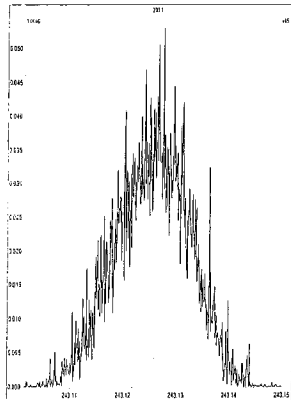
M 218.9856 R 9328



M 230.9856 R 8712



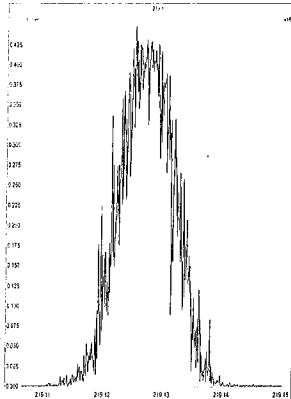
M 242.9856 R 9059



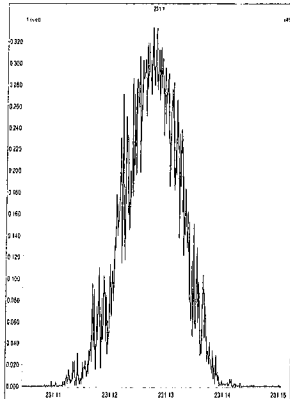
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Printed: Wednesday, December 07, 2016 17:13:56 Eastern Standard Time

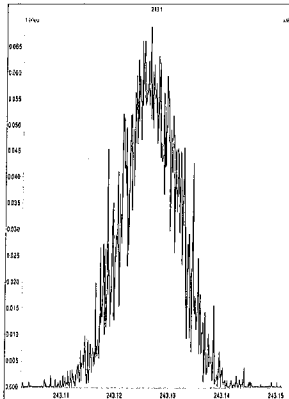
M 218.9856 R 13587



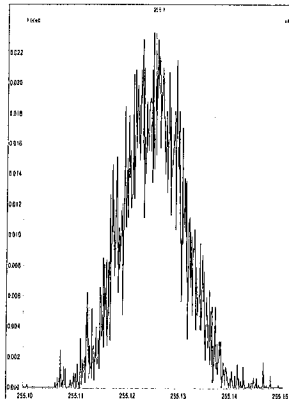
M 230.9856 R 10550



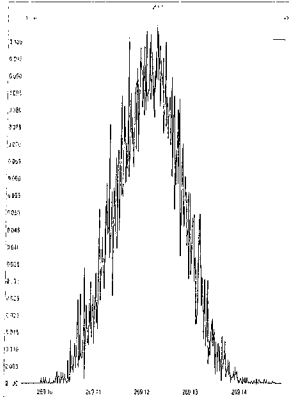
M 242.9856 R 11418



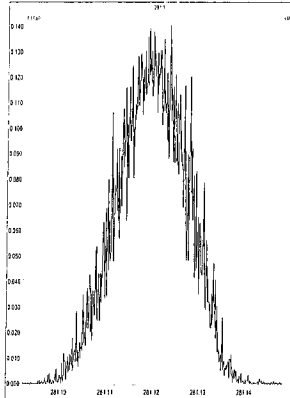
M 254.9856 R 11061



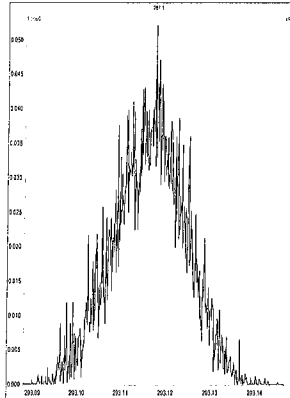
M 268.9824 R 10038



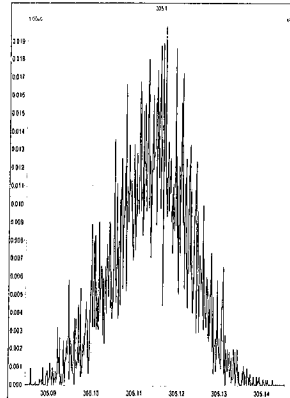
M 280.9824 R 8799



M 292.9824 R 9090



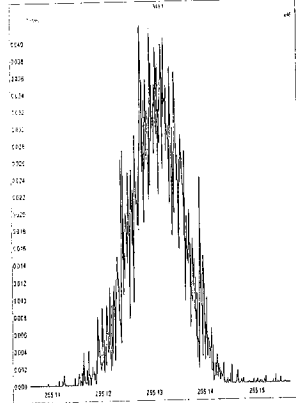
M 304.9824 R 9879



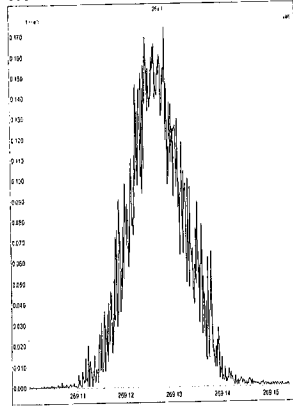
File: Experiment: PCB.exp Reference: pfk.ref Function: 3 @ 200 (ppm)

Printed: Wednesday, December 07, 2016 17:14:35 Eastern Standard Time

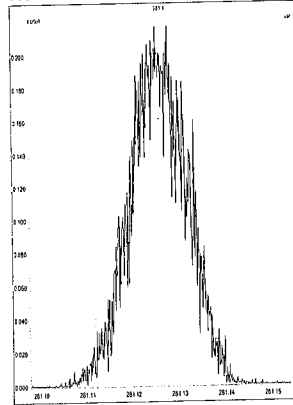
M 254.9856 R 14793



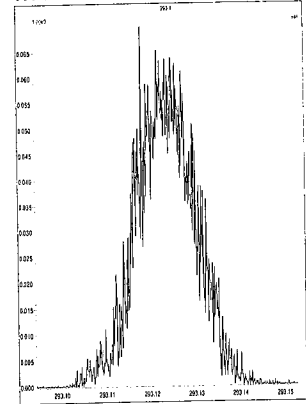
M 268.9824 R 10728



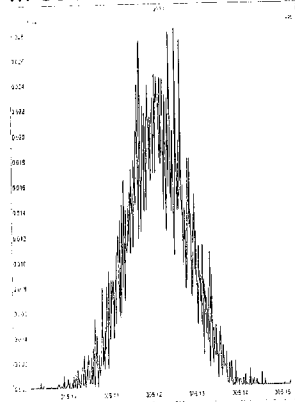
M 280.9824 R 11907



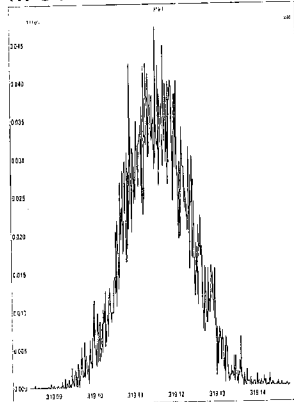
M 292.9824 R 11792



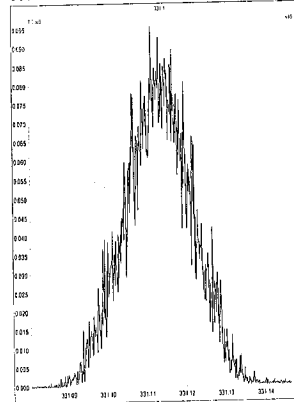
M 304.9824 R 11114



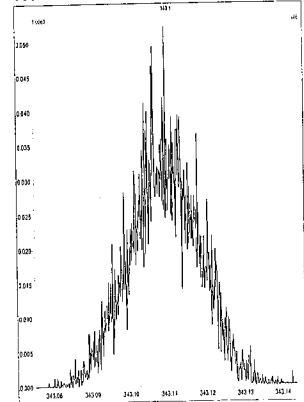
M 318.9792 R 10205



M 330.9792 R 8992



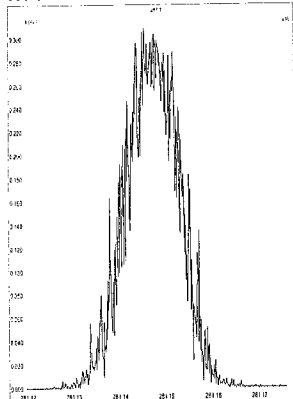
M 342.9792 R 8743



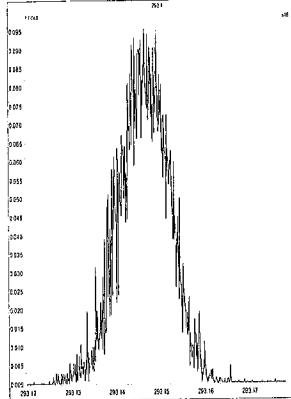
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Printed: Wednesday, December 07, 2016 17:15:04 Eastern Standard Time

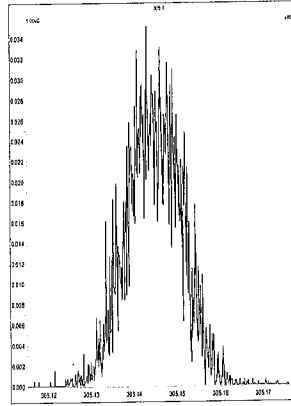
M 280.9824 R 13161



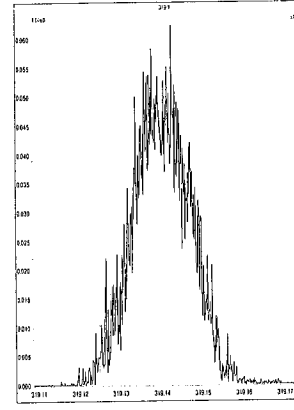
M 292.9824 R 13021



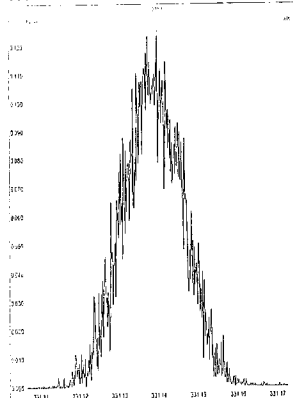
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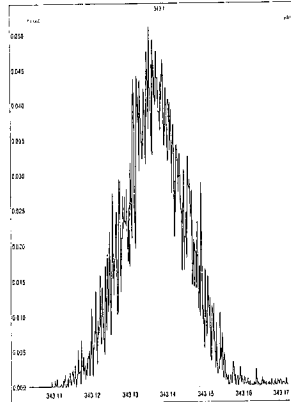
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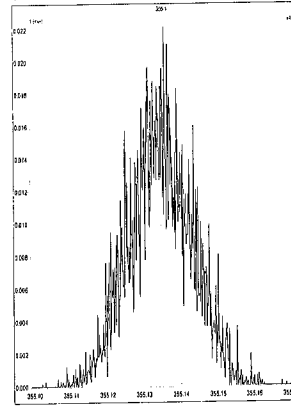
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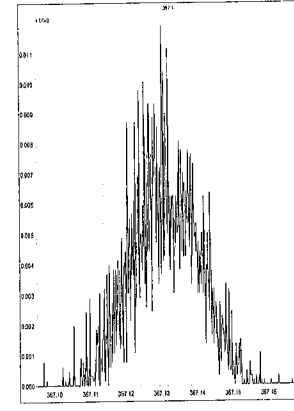
M 342.9792 R 10459



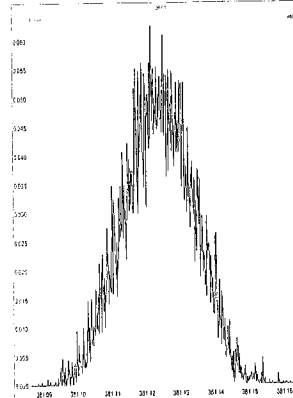
M 354.9792 R 10082



M 366.9792 R 10330



M 380.9760 R 8801



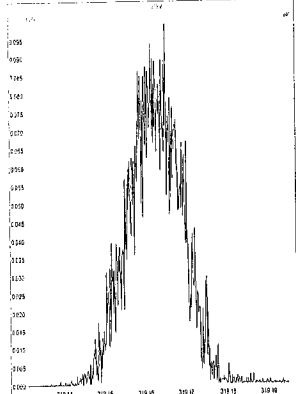
Experiment Calibration Report

MassLynx 4.1

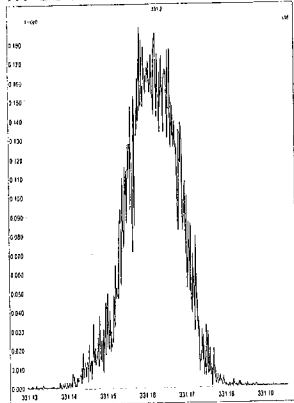
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Printed: Wednesday, December 07, 2016 17:15:38 Eastern Standard Time

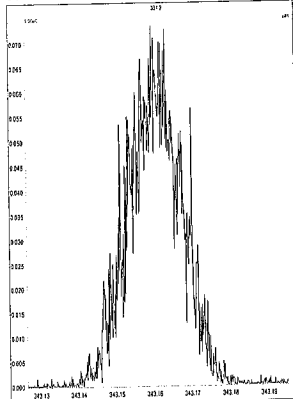
M 318.9792 R 11965



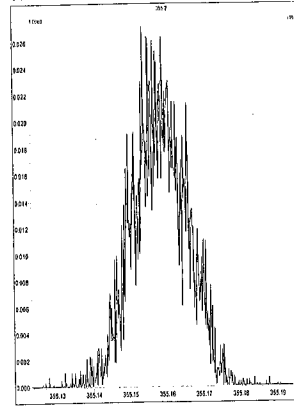
M 330.9792 R 11624



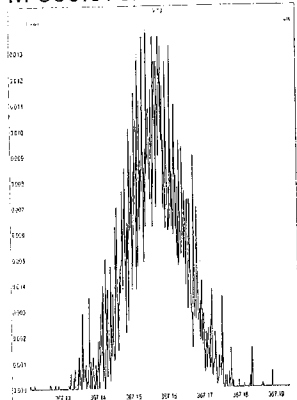
M 342.9792 R 12018



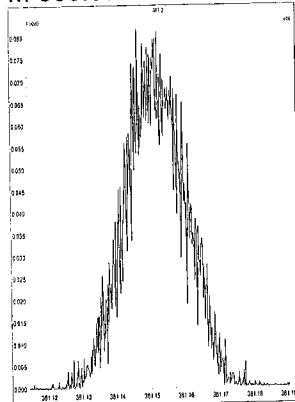
M 354.9792 R 12192



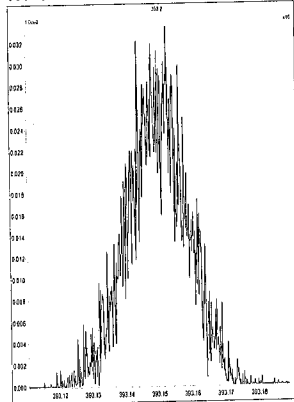
M 366.9792 R 12821



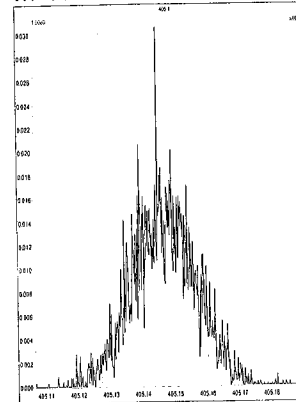
M 380.9760 R 10373



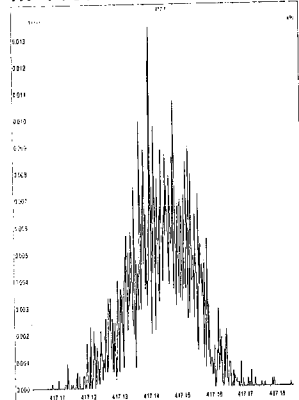
M 392.9760 R 12021



M 404.9760 R 9653



M 416.9760 R 11362

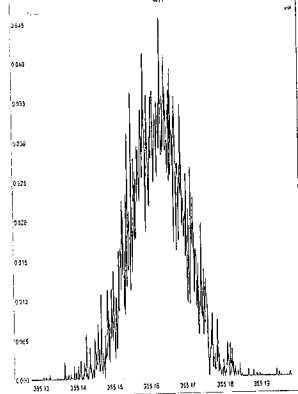


Experiment Calibration Report

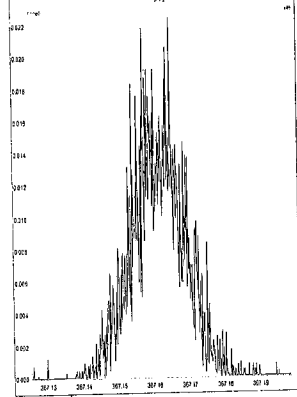
MassLynx 4.1

File: Experiment: PCB.exp Reference: pfk.ref Function: 6 @ 200 (ppm)
Printed: Wednesday, December 07, 2016 17:16:14 Eastern Standard Time

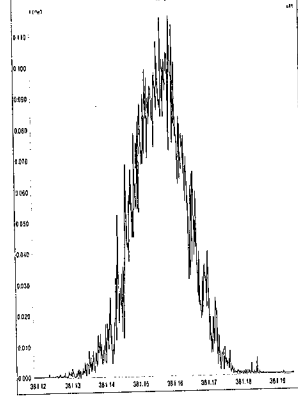
M 354.9792 R 12629



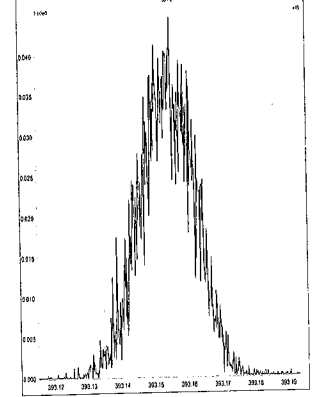
M 366.9792 R 13016



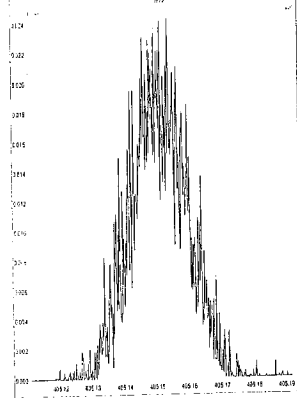
M 380.9760 R 12376



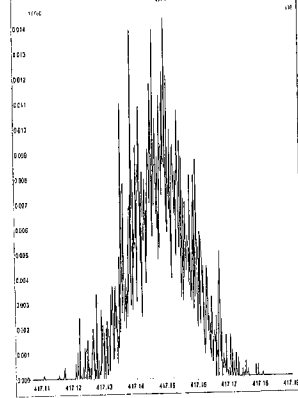
M 392.9760 R 11790



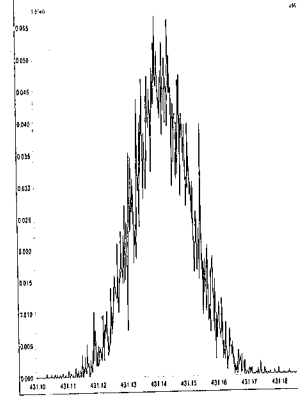
M 404.9760 R 12316



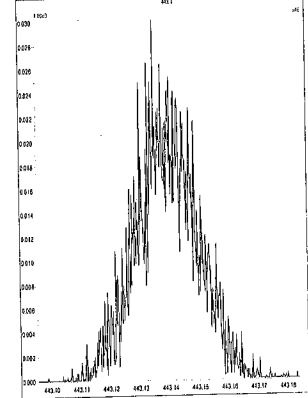
M 416.9760 R 12080



M 430.9728 R 10202



M 442.9728 R 11257



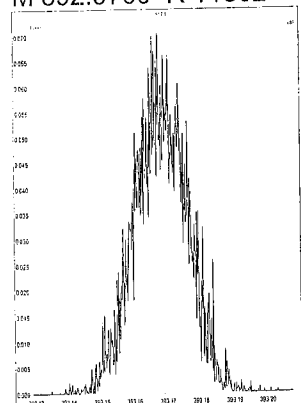
Experiment Calibration Report

MassLynx 4.1

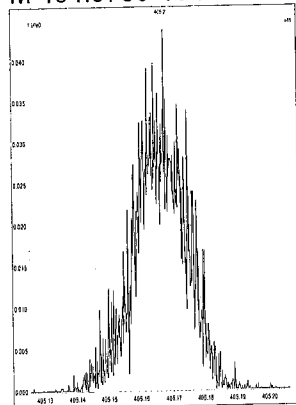
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Printed: Wednesday, December 07, 2016 17:16:54 Eastern Standard Time

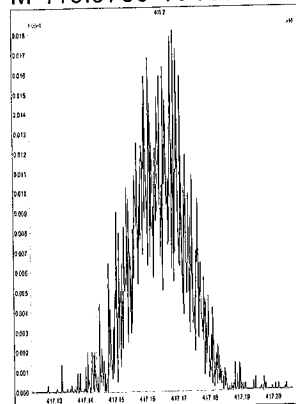
M 392.9760 R 11362



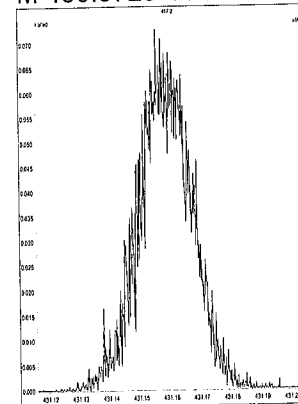
M 404.9760 R 11683



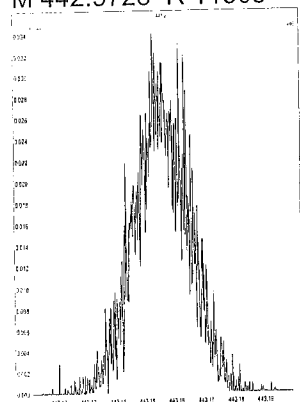
M 416.9760 R 13888



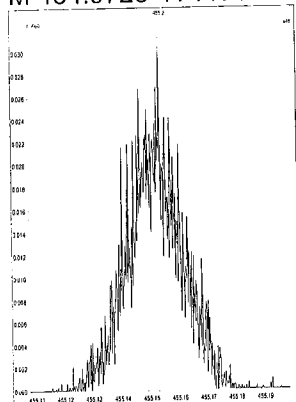
M 430.9728 R 11414



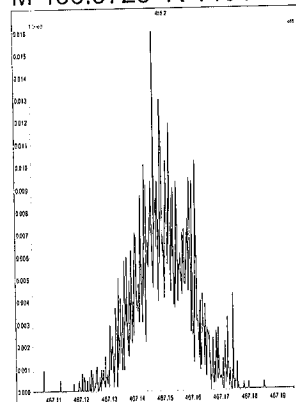
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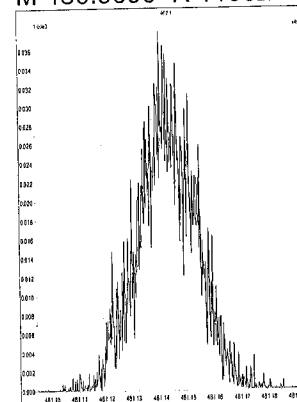
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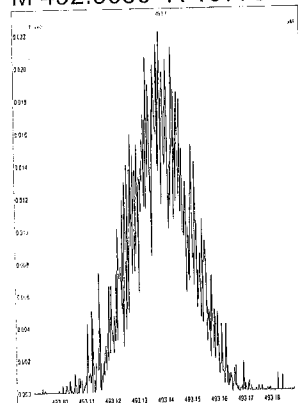
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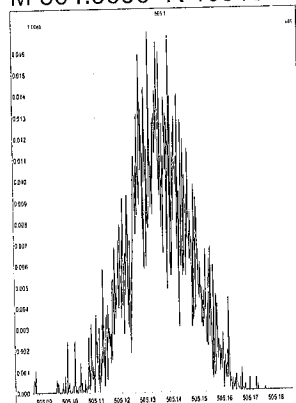
M 480.9696 R 11062



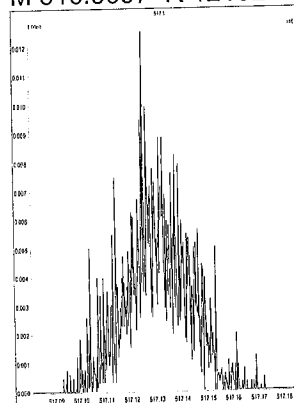
M 492.9696 R 10775



M 504.9696 R 10915



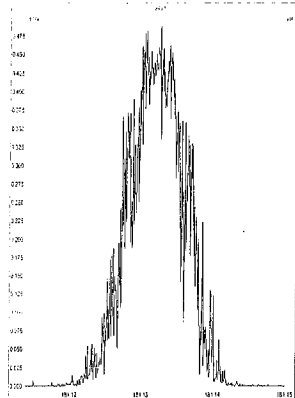
M 516.9697 R 12132



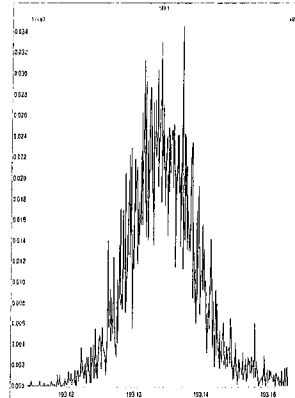
File: Experiment: PCB.exp Reference: pfk.ref Function: 1 @ 200 (ppm)

Printed: Thursday, December 08, 2016 08:27:04 Eastern Standard Time

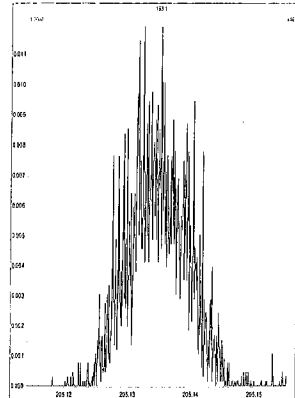
M 180.9888 R 13737



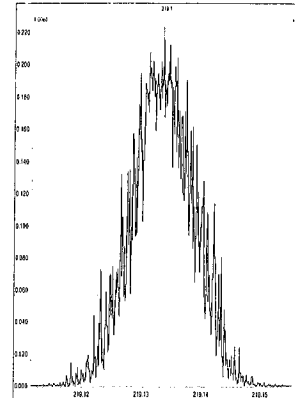
M 192.9888 R 10247



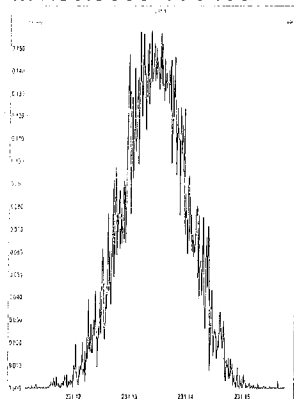
M 204.9888 R 12753



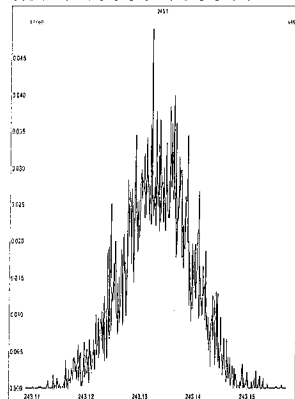
M 218.9856 R 11014



M 230.9856 R 9435



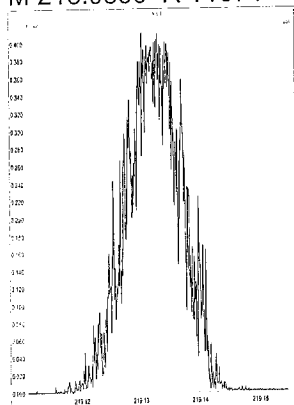
M 242.9856 R 9544



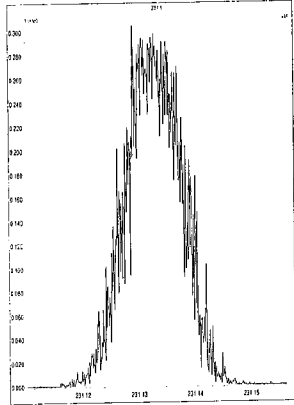
File: Experiment: PCB.exp Reference: pfk.ref Function: 2 @ 200 (ppm)

Printed: Thursday, December 08, 2016 08:27:25 Eastern Standard Time

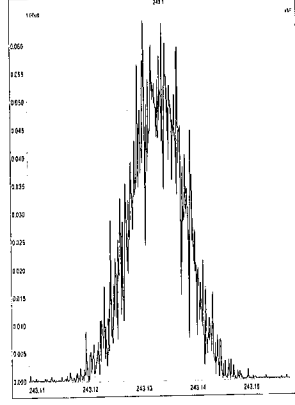
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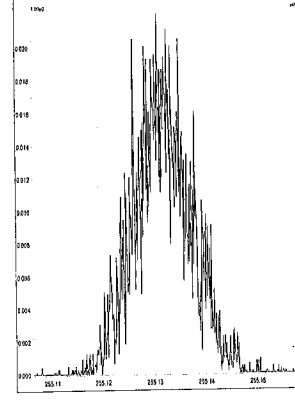
M 230.9856 R 12075



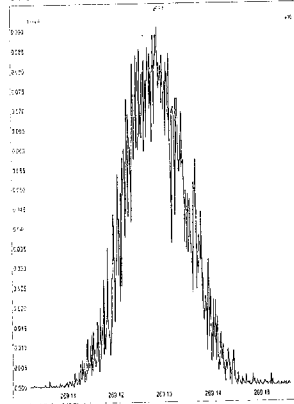
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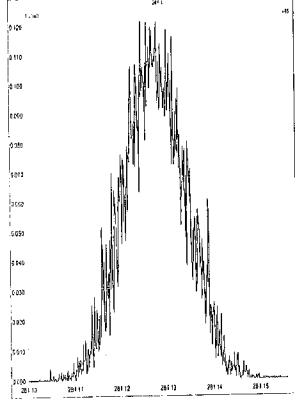
M 254.9856 R 11062



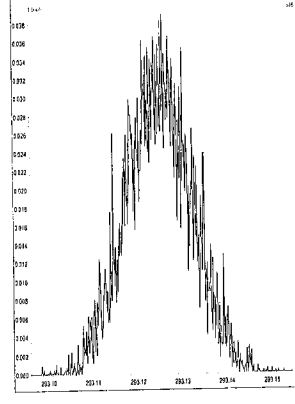
M 268.9824 R 11011



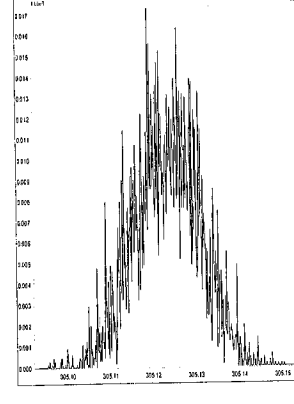
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M 292.9824 R 9615



M 304.9824 R 12252



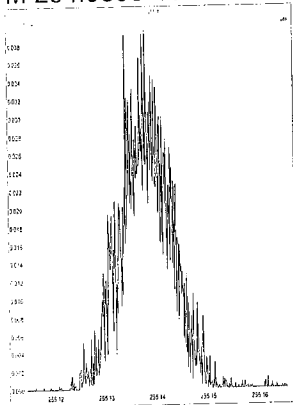
Experiment Calibration Report

MassLynx 4.1

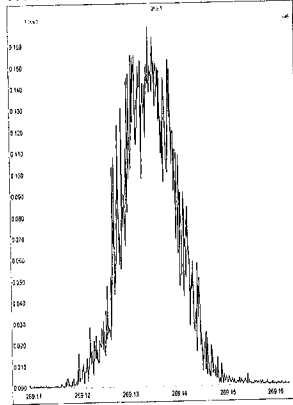
File: Experiment: PCB.exp Reference: pfk.ref Function: 3 @ 200 (ppm)

Printed: Thursday, December 08, 2016 08:27:44 Eastern Standard Time

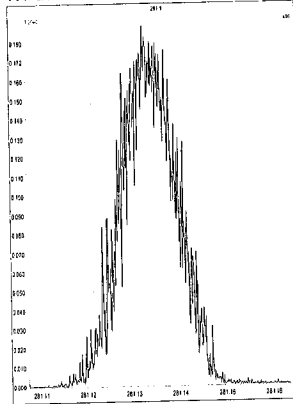
M 254.9824 R 13154



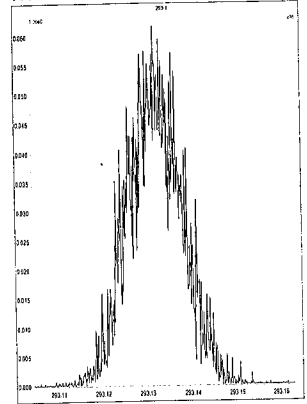
M 268.9824 R 11960



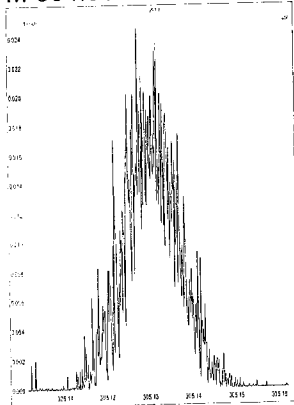
M 280.9824 R 10961



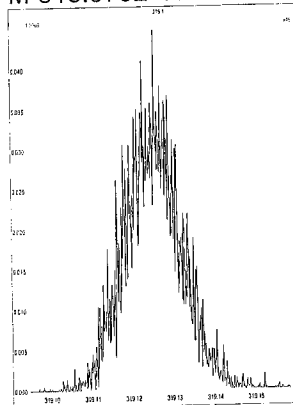
M 292.9824 R 11364



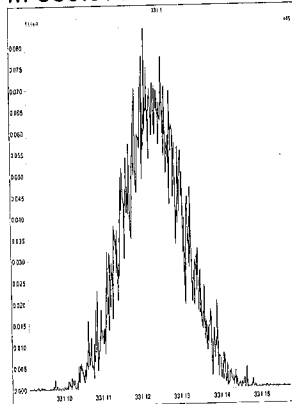
M 304.9824 R 14042



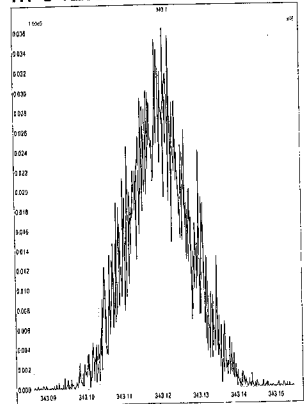
M 318.9792 R 10961



M 330.9792 R 10504



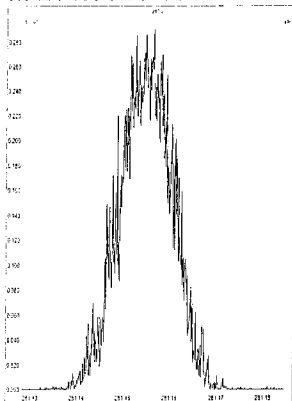
M 342.9792 R 10728



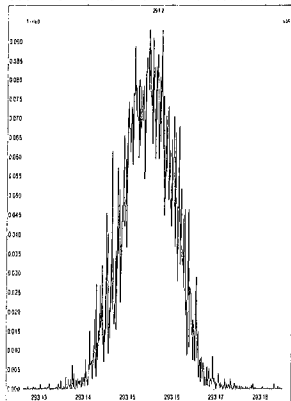
File: Experiment: PCB.exp Reference: pfk.ref Function: 4 @ 200 (ppm)

Printed: Thursday, December 08, 2016 08:28:03 Eastern Standard Time

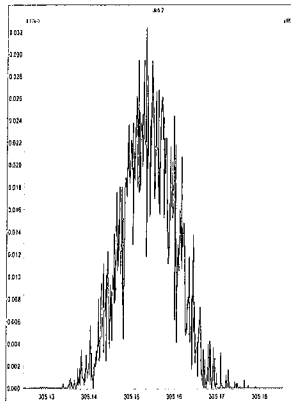
M 280.9824 R 12133



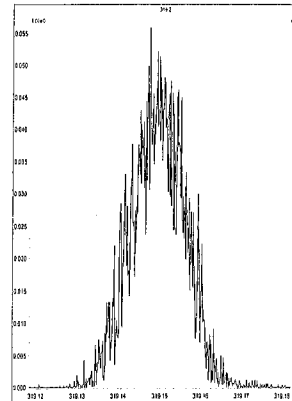
M 292.9824 R 12756



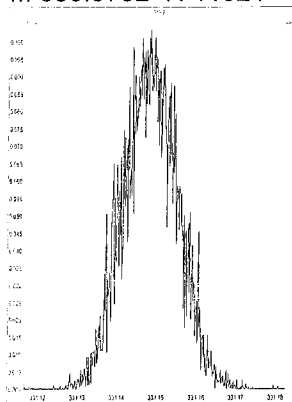
M 304.9824 R 12561



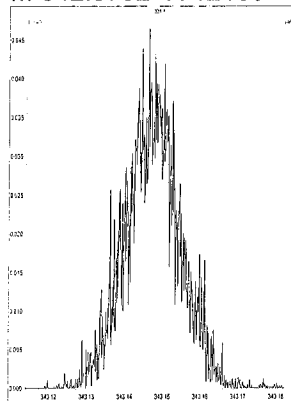
M 318.9792 R 12623



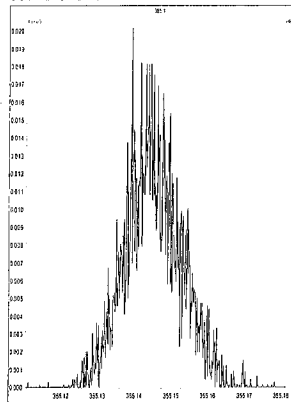
M 330.9792 R 11521



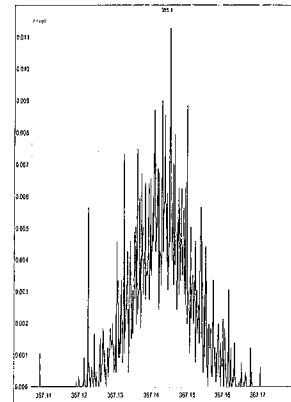
M 342.9792 R 12135



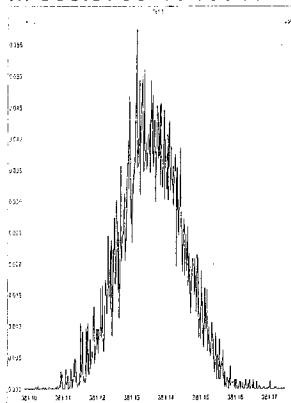
M 354.9792 R 11625



M 366.9792 R 13228



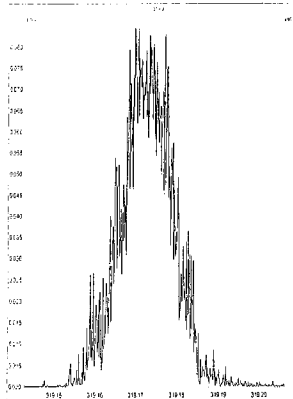
M 380.9760 R 10043



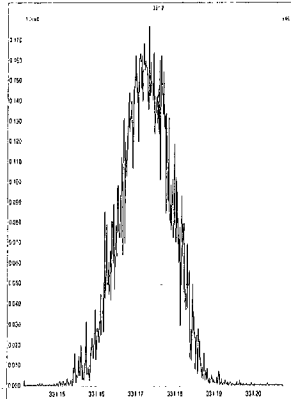
File: Experiment: PCB.exp Reference: pfk.ref Function: 5 @ 200 (ppm)

Printed: Thursday, December 08, 2016 08:28:24 Eastern Standard Time

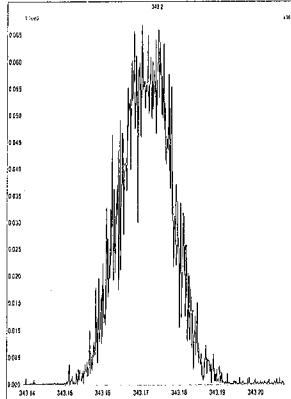
M 318.9792 R 11735



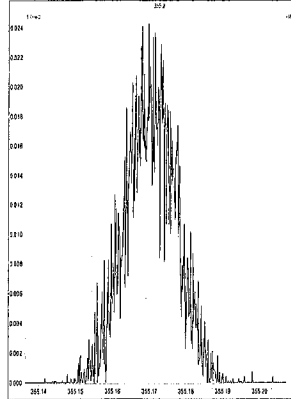
M 330.9792 R 12137



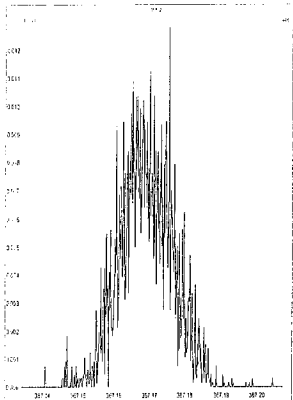
M 342.9792 R 12019



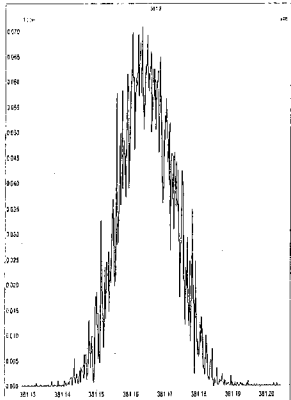
M 354.9792 R 13438



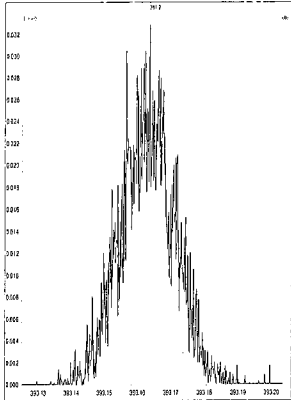
M 366.9792 R 15529



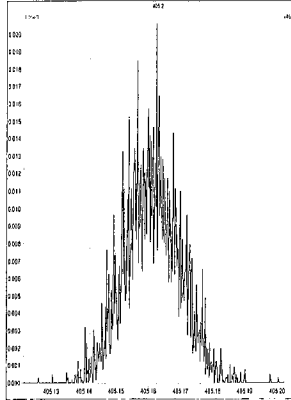
M 380.9760 R 12953



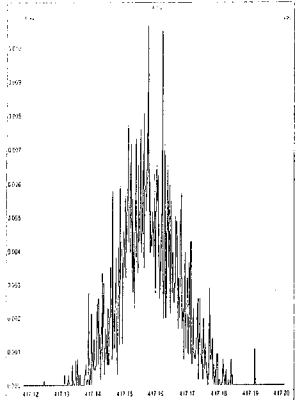
M 392.9760 R 12134



M 404.9760 R 11962

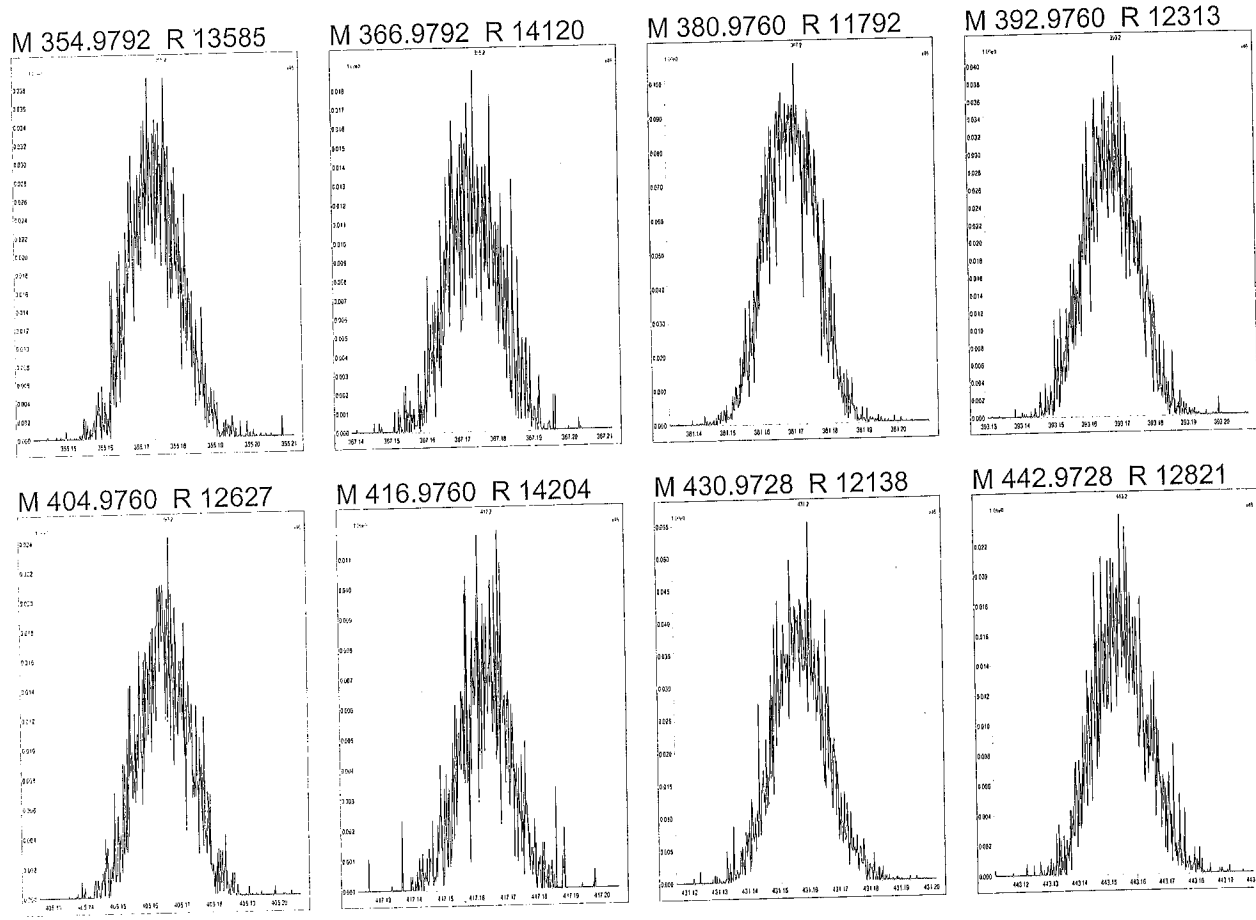


M 416.9760 R 16128



File: Experiment: PCB.exp Reference: pfk.ref Function: 6 @ 200 (ppm)

Printed: Thursday, December 08, 2016 08:28:42 Eastern Standard Time



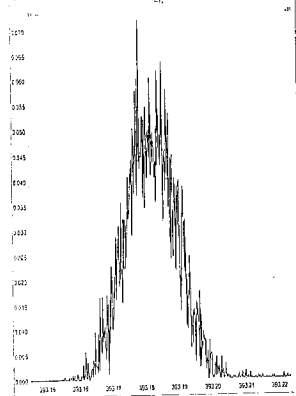
Experiment Calibration Report

MassLynx 4.1

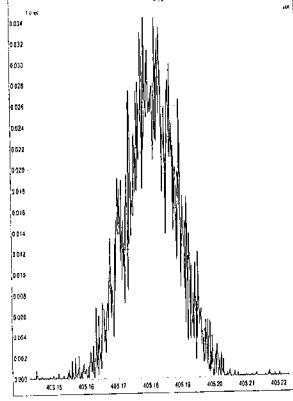
File: Experiment: PCB.exp Reference: pfk.ref Function: 7 @ 200 (ppm)

Printed: Thursday, December 08, 2016 08:29:05 Eastern Standard Time

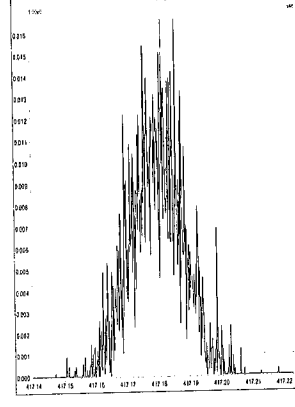
M 392.9760 R 13367



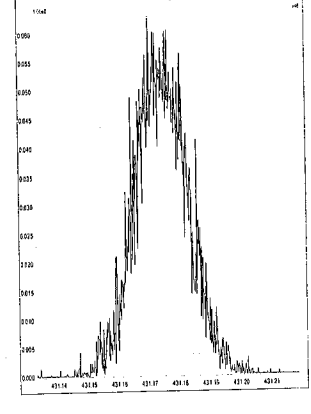
M 404.9760 R 12373



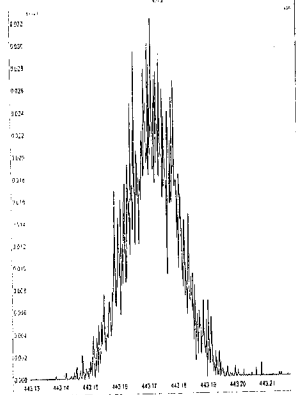
M 416.9760 R 13736



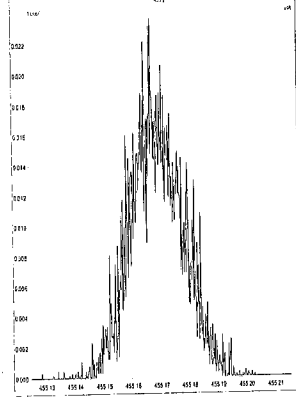
M 430.9728 R 12758



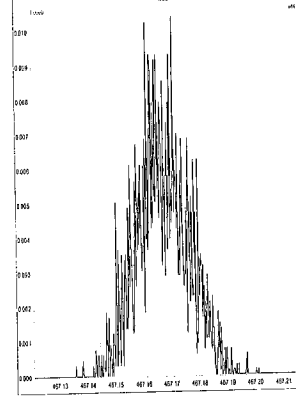
M 442.9728 R 12312



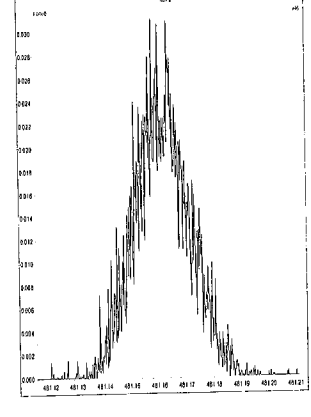
M 454.9728 R 11520



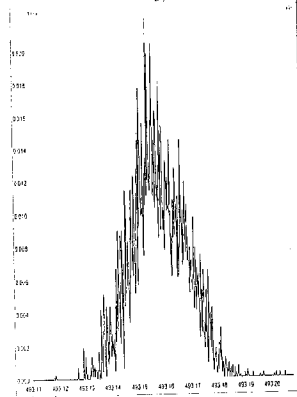
M 466.9728 R 12889



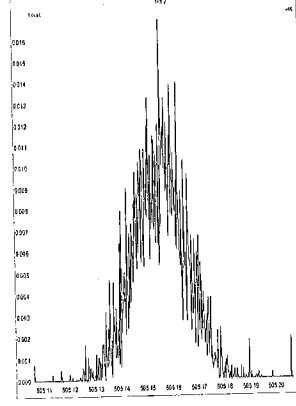
M 480.9696 R 11521



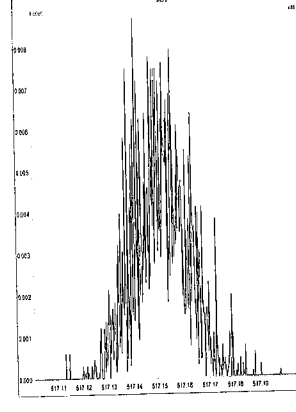
M 492.9696 R 12194



M 504.9696 R 12502



M 516.9697 R 13732





4.2 QA/QC Data

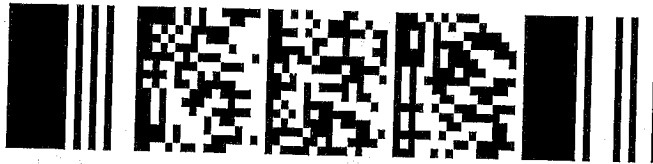
Maxxam Analytics International
6740 Campobello Rd
Mississauga, Ontario, Canada
L5N 2L8
1-800-668-0639
www.maxxamanalytics.com

UVT2
PCB

M2161205A.B

| Bottle | File Name | File Text | Sample ID | Wt/Vol |
|--------|-----------|--------------|----------------------|---------------------------------------|
| 1 | 1 | M2161205B01A | CS3_PCB 150417CXU | --- |
| 2 | 2 | M2161205B02A | 209MIX_PCB 150822CXU | --- |
| 3 | 3 | M2161205B03 | SPIKE | 1.000000 |
| 4 | 4 | M2161205B04 | SPIKE:D1 -HIGH | WS#4779396/4767897, TI |
| 5 | 5 | M2161205B05 | MATSPK% -HIGH | WS#4779396/4767897, TI |
| 6 | 6 | M2161205B06 | solvent | WS#4779396/4767897, TI, DIS272 |
| 7 | 7 | M2161205B07 | BLANK -HIGH | solvent |
| 8 | 8 | M2161205B08 | DIS272-01R ✓ | WS#4779396/4767897, TI |
| 9 | 9 | M2161205B09 | DIS273-01R HIGH RA | Anchor, PG-T0-MUS-COC-160816 16H1, TI |
| 10 | 10 | M2161205B10 | DIS274-01R ✓ | Anchor, PG-T0-MUS-COC-160829 16H0, TI |
| 11 | 11 | M2161205B11 | DIS275-01R -HIGH | Anchor, PG-SMA-1-1-161011 16J0187, TI |
| 12 | 12 | M2161205B12 | DIS275-01R:D1 -HIGH | Anchor, PG-SMA-1-2-161011 16J0187, TI |
| 13 | 13 | M2161205B13 | DIS276-01R ✓ | Anchor, PG-SMA-1-2-161011 16J0187, TI |
| 14 | 14 | M2161205B14 | solvent | Anchor, PG-SMA-1-3-161011 16J0187, TI |
| 15 | 1 | M2161205B15 | CS3_PCB 150417CXU | solvent |
| 16 | 15 | M2161205B16 | MSPIKE | --- |
| 17 | 6 | M2161205B17 | solvent | WS#4779396/4767897, TI |

Spt = M2161129A - Spt 1668



Report Name : Worksheet - (Liquids and Solids)

Assignment Date : Monday, December 05, 2016

Assigned to : Cathy Xu

Test Code : PCBCONHR-T

Instrument Id: 220-GCHRMS2

Test Description : To determine PCB congeners in tissue - full list of congeners (must specify whether to calculate on Lipid content).

| Job Number | Sample Number | D | Sample ID | F | % Moisture | Wt or Vol | Final Vol | DF or AF | # Cont | Expiry Date | Test DeadLine | Criteria | Extract Date |
|------------|---------------|---|-------------------|---|------------|-----------|-----------|----------|--------|-------------|------------------|----------|--------------|
| | MTRX SPK | | MHRPD DIS272-01 | | | | | | | | | | 2016/12/28 |
| | SPIKE | 0 | MHRPD | | | | | | | | | | 2016/12/28 |
| | SPIKE | 1 | MHRPD | | | | | | | | | | 2016/12/28 |
| | BLANK | | | | | | | | | | | | 2016/12/28 |
| B6N4556 | *DIS272-01R | | PG-T0-MUS-COC-* | | | | | | 1 | 2017/08/16 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6N4556 | *DIS273-01R | | PG-T0-MUS-COC-* | | | | | | 1 | 2017/08/29 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6N4556 | *DIS274-01R | | PG-SMA-1-1-16101* | | | | | | 1 | 2017/10/11 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6N4556 | *DIS275-01R | 0 | PG-SMA-1-2-16101* | | | | | | 1 | 2017/10/11 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6N4556 | *DIS275-01R | 1 | PG-SMA-1-2-16101* | | | | | | 1 | 2017/10/11 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6N4556 | *DIS276-01R | | PG-SMA-1-3-16101* | | | | | | 1 | 2017/10/11 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6N4556 | *DIS277-01R | | PG-REF-PJ-1-1610* | | | | | | 1 | 2017/10/11 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6N4556 | DIS278-01R | | 16J0187-05 | | | | | | 1 | 2017/10/11 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6N4556 | DIS279-01R | | 16J0187-06A | | | | | | 1 | 2017/10/11 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6O0376 | *DJV041-01R | | 6102604-01 | | | | | | 1 | 2017/10/24 | 2016/11/24 18:00 | DOD | 2016/12/28 |
| B6O0376 | *DJV042-01R | | 6102604-02 | | | | | | 1 | 2017/10/24 | 2016/11/24 18:00 | DOD | 2016/12/28 |
| B6O0376 | *DJV043-01R | | 6102604-03 | | | | | | 1 | 2017/10/24 | 2016/11/24 18:00 | DOD | 2016/12/28 |
| B6O0382 | *DJV055-01R | | 6102701-01 | | | | | | 1 | 2017/10/24 | 2016/11/24 18:00 | DOD | 2016/12/28 |
| B6O0382 | *DJV056-01R | | 6102701-02 | | | | | | 1 | 2017/10/24 | 2016/11/24 18:00 | DOD | 2016/12/28 |
| B6O0382 | *DJV057-01R | | 6102701-03 | | | | | | 1 | 2017/10/24 | 2016/11/24 18:00 | DOD | 2016/12/28 |
| B6O0387 | *DJV090-01R | | 6102801-01 | | | | | | 1 | 2017/10/24 | 2016/11/23 23:00 | DOD | 2016/12/28 |
| B6O0387 | *DJV091-01R | | 6102801-02 | | | | | | 1 | 2017/10/24 | 2016/11/23 23:00 | DOD | 2016/12/28 |
| B6O0387 | *DJV092-01R | | 6102801-03 | | | | | | 1 | 2017/10/24 | 2016/11/23 23:00 | DOD | 2016/12/28 |
| B6P6472 | DMY805-01R | | PCB SMOKED ME* | | | | | | 1 | | 2016/12/23 17:00 | | 2016/12/28 |

Remarks:

Samples extracted by: Michael Hopkins

Instrumentation performed by: BRANKO VRZIC

Date: 2016.12.05

Calculations performed by: Amjad Hussain

Date: 16.12.08

Maximalist by: BRANKO VRZIC

Date: 2016.12.14

Lipids
5 mL
↓ ↓
0.5 mL 4.5 mL
lipids GPC
CleanUp

HRMS Sample Information Transfer

Analyst: Michael Hopkins

Date: 2016/11/28

WS # 4767897

Extraction Status: started @ 2:30 pm

Roto-Vap Status: Done for all of the samples 2016/11/29 MH

All samples have been filtered 2016/11/29 MH

Lipids done for all samples except Blank, Spike, Spike Dup, MS, DIS275 Dup ^{2016/11/29}

CleanUp Status: All samples are running on the ~~1st~~ GPC except DJV091, DJV092. need to add ^{2016/11/30 MH} to the sequence 2016/11/30 MH

2016/12/01 - Ran rest of 2-samples on GPC

^{11/30} Samples Bk, Spk, Spk Dup, DMY805, MS(DIS272), DIS272, DIS273, Dup(DIS273), DIS274, DIS275, DIS276, DS

not prep'd after GPC. Did ~~complete~~ column for them. Acid column cleanups

* Listed above ready for PCB column cleanups.

DG 2016/12/01
Witness for
cleanups (PK)

Clean Up Spike added to ^{2016/12/03 MH} the remaining samples 2016/12/03 MH; CFB 2016/12/03.

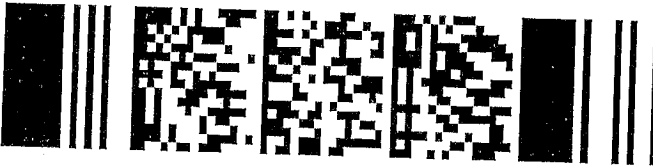
Acid columns done for the remaining samples 2016/12/03 MH

2016/12/04. PCB column cleanups done for all 20-samples. (Prepared copper & added before).

- Need to blow-down & neck-in vial.

Reacti-Vial: completed

Completion Date: 2016/12/05 ⁵ pm



Report Name : Worksheet - (Liquids and Solids)

Assignment Date : Monday, November 28, 2016

Assigned to : Michael Hopkins

Test Code : PREPPCB-TI

Instrument Id:

Test Description : Preparation of tissue by 1668 for PCBs

| Job Number | Sample Number | D | Sample ID | Soxhlet | | Flask | | # Cont | Expiry Date | Test DeadLine | Criteria | Extract Date | |
|------------|---------------|---|----------------------|---------|--------------|-----------|-----------|--------|-------------|---------------|------------------|--------------|------------|
| | | | | F | % Moist /ure | Wt or Vol | Final Vol | | | | | | DF or AF |
| | MTRX SPK | | DIS272-01 | | T156 | 10.0496 | | T16 | | | | | |
| | SPIKE | 0 | Butter 2016/03/30 | | T38 | 0.2121 | | T299 | | | | 2016/11/28 | |
| | SPIKE | 1 | Butter 2016/03/30 | | T155 | 0.2126 | | B83 | | | | 2016/11/28 | |
| | BLANK | | Butter 2016/03/30 | | T153 | 0.2556 | | T153 | | | | 2016/11/28 | |
| B6N4556 | DIS272-01R | | PG-T0-MUS-COC.* | | T22 | 10.2246 | | T182 | 1 | 2017/08/16 | 2016/11/18 18:00 | DOD | 2016/11/28 |
| B6N4556 | DIS273-01R | | PG-T0-MUS-COC.* | | T200 | 10.3198 | | B73 | 1 | 2017/08/29 | 2016/11/18 18:00 | DOD | 2016/11/28 |
| B6N4556 | DIS274-01R | | PG-SMA-1-1-16101* | | T14 | 10.4106 | | T28 | 1 | 2017/10/11 | 2016/11/18 18:00 | DOD | 2016/11/28 |
| B6N4556 | DIS275-01R | 0 | PG-SMA-1-2-16101* | | T183 | 10.2828 | | T27 | 1 | 2017/10/11 | 2016/11/18 18:00 | DOD | 2016/11/28 |
| B6N4556 | DIS275-01R | 1 | PG-SMA-1-2-16101* | | T54 | 10.0260 | | T55 | 1 | 2017/10/11 | 2016/11/18 18:00 | DOD | 2016/11/28 |
| B6N4556 | DIS276-01R | | PG-SMA-1-3-16101* | | T184 | 10.1632 | | T25 | 1 | 2017/10/11 | 2016/11/18 18:00 | DOD | 2016/11/28 |
| B6N4556 | DIS277-01R | | PG-REF-PJ-1-1610* | | T177 | 10.0866 | | T8 | 1 | 2017/10/11 | 2016/11/18 18:00 | DOD | 2016/11/28 |
| B6N4556 | DIS278-01R | | 16J0187-05 | | B130 | 10.2593 | | T49 | 1 | 2017/10/11 | 2016/11/18 18:00 | DOD | 2016/11/28 |
| B6N4556 | DIS279-01R | | 16J0187-06A | | T15 | 10.2425 | | T48 | 1 | 2017/10/11 | 2016/11/18 18:00 | DOD | 2016/11/28 |
| B6O0376 | DJV041-01R | | 6102604-01 | | T185 | 10.3025 | | T40 | 1 | 2017/10/24 | 2016/11/17 18:00 | DOD | 2016/11/28 |
| B6O0376 | DJV042-01R | | 6102604-02 | | T199 | 10.3838 | | T40 | 1 | 2017/10/24 | 2016/11/17 18:00 | DOD | 2016/11/28 |
| B6O0376 | DJV043-01R | | 6102604-03 | | T151 | 10.1642 | | T26 | 1 | 2017/10/24 | 2016/11/17 18:00 | DOD | 2016/11/28 |
| B6O0382 | DJV055-01R | | 6102701-01 | | T144 | 10.3932 | | T43 | 1 | 2017/10/24 | 2016/11/17 18:00 | DOD | 2016/11/28 |
| B6O0382 | DJV056-01R | | 6102701-02 | | T26 | 10.3291 | | B99 | 1 | 2017/10/24 | 2016/11/17 18:00 | DOD | 2016/11/28 |
| B6O0382 | DJV057-01R | | 6102701-03 | | T187 | 10.2627 | | T87 | 1 | 2017/10/24 | 2016/11/17 18:00 | DOD | 2016/11/28 |
| B6O0387 | DJV090-01R | | 6102801-01 | | T33 | 10.0943 | | T50 | 1 | 2017/10/24 | 2016/11/23 23:00 | DOD | 2016/11/28 |
| B6O0387 | DJV091-01R | | 6102801-02 | | B11 | 10.2029 | | T18 | 1 | 2017/10/24 | 2016/11/23 23:00 | DOD | 2016/11/28 |
| B6O0387 | DJV092-01R | | 6102801-03 | | T189 | 10.1316 | | T66 | 1 | 2017/10/24 | 2016/11/23 23:00 | DOD | 2016/11/28 |
| B6P6472 | DMY805-01R | | PCB SMOKED ME* | | T147 | 10.2818 | | T162 | 1 | | 2016/12/16 17:00 | | 2016/11/28 |

Remarks: Completed worksheets to follow.

10.11 PCB R-S (1611100) added to extracts. 16.12.052

Samples extracted by: Michael Hopkins

Instrumentation performed by: _____

Date: _____

Calculations performed by: _____

Date: _____

Validated by: _____
Maxxam Analytics

Date: _____

| Job No. | Rep | Client Name | Contact | Client Tier | National |
|----------|-----|---|----------------------|-------------|----------|
| GB6N4556 | | MDG Anchor QEA, LLC | Anchor QEA Reporting | | |
| | | PCBCONHR-TI ***Please extract SRM and Spike Dup*** Level IV Package with CLP Anchor Equis EDD required Project #: PORT GAMBLE (USE MDL) | | | |
| | | [REDACTED] | | | |
| | | [REDACTED] | | | |
| | | [REDACTED] | | | |
| | | [REDACTED] | | | |
| | | [REDACTED] | | | |
| | | [REDACTED] | | | |

MLX 2016/11/28

| Surrogates/Spikes | GPC Flasks | Method Spike | Spikes | Samples |
|--|---------------|---------------------|--------|---------|
| Blank: GP152 | DIS276: GP143 | DJV057: GP129 | | |
| Spike: ^{2016/11/30} GP125 C89 | DIS277: GP163 | DJV090: GP59, GP157 | | |
| Spike Dup: GP91 | DIS278: GP121 | DJV091: GP45 | | |
| MS: GP150 | DIS279: GP164 | DJV092: GP147 | | |
| DIS272: GP155 | DJV041: GP39 | DJV085: GP52, GP122 | | |
| DIS273: GP127 | DJV042: GP80 | | | |
| DIS274: GP154 | DJV043: GP18 | | | |
| DIS275: GP119 | DJV055: GP89 | | | |
| Dup(DIS275): GP77 | DJV056: GP134 | | | |

| Sample | Preparation Remarks |
|--------|---------------------|
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| Sample | Instrumentation Remarks |
|--------|---|
| SPIKE | LOW OF PCB RS #1606289XV, 1 ng/mo BY 20161205 |
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Ultra Trace - Worksheet Validation Checklist

Prep Worksheet # 4767897 Instrument Worksheet # 4779398-
 Testcode: PREAPCB-T1 Testcode: PCBCONHR-T-

Sample Preparation

| | yes | no | n/a |
|---|-----|----|-----|
| 1 Samples extracted within hold time | | | |
| 2 Client sample ID verified against Lab ID | ✓ | | |
| 3 Job Remarks reviewed on 2nd page of worksheet & testcodes reviewed for spiking | | | ✓ |
| 4 Method required QC processed with samples | ✓ | | |
| 5 Sample, duplicate, matrix spike appear similar, initial sample as well as final extract | ✓ | | |
| 6 Sample weight or initial volume and extract final volume, aliquot factor clearly recorded | ✓ | | |
| 7 If performed any additional dilution clearly recorded | ✓ | | |
| 8 Spiking solutions valid (haven't expired), ID and volume used clearly identified on worksheet | ✓ | | |
| 9 Spiking process witnessed and signed off | ✓ | | |
| 10 Sample prep deviations documented on Bench Level Deviation Form (CAM FCD:00328) | | | |
| 11 Tracking sheets completed | | | |

Prepared by: MH Date: 2016/11/28 Reviewed by:

Comments:

Primary review by the analyst - 100 % analysis review

| | yes | no | n/a |
|--|-----|----|-----|
| 1 System performance check acceptable (if applicable) | ✓ | | |
| 2 Analysis set-up meets method criteria | ✓ | | |
| 3 Tuning and correct calibration used - criteria meets method criteria | ✓ | | |
| 4 SQC/Control Charts updated, analysis in statistical/method control | ✓ | | |
| 5 Internal area counts checked (if applicable) | | | ✓ |
| 6 LCS, SRM are within acceptance criteria | ✓ | | |
| 7 Surrogate Recovery(s) is within acceptance criteria | ✓ | | |
| 8 Method Blank meets acceptance criteria | ✓ | | |
| 9 Matrix Spike recovery(s) meets acceptance criteria | ✓ | | |
| 10 Duplicate precision meets acceptance criteria | ✓ | | |
| 11 QC Is documented on the run logs | ✓ | | |
| 12 Runs checked for carryover | ✓ | | |
| 13 Prep log / worksheet(s) are present, signed / dated by a prep / instrument analysts | ✓ | | |
| 14 Initial weights, splits, impinger volumes (where applicable) are documented | ✓ | | |
| 15 Samples above calibration range diluted and reanalyzed | | | ✓ |
| 16 Dilution factors (where justified) have been checked for correctness and entered | ✓ | | |
| 17 Analytical observations/anomalies documented in LIMS | ✓ | | |
| 18 If corrective actions were applied they are documented, initialed & dated | | | ✓ |
| 19 Transferred data is approved in LIMS for correctness | ✓ | | |
| 20 Sample Prep section (above) reviewed and verified | ✓ | | |
| 21 Data package assembled (where required) | | | ✓ |

Data Approved by: Amjad Hussain Date: 16-12-08

Comments:

Secondary Supervisor/Qualified Data Review Staff

| | yes | no | n/a |
|--|-----|----|-----|
| 1 Repeats documented and referenced | ✓ | | |
| 2 Method and sample deviations noted, anomalies described (if applicable) | ✓ | | |
| 3 Data and QC validated in LIMS | ✓ | | |
| 4 Manual integration - before & after data with a reason included, initialed & dated | ✓ | | |
| 5 Random calculation checked | ✓ | | |
| 6 Worksheet(s) and sample prep sheets (FCDs) signed and dated | ✓ | | |
| 7 Data Package (if required) checked for completeness | ✓ | | |

Validated & Status Checked by: BRANKO VRZIC Date: 20161214

Comments:

Note: Primary and Secondary Internal Data Review Check must be performed by a different person

HR Soil/Tissue/Food Tracking Sheet

| | | | |
|--------------------------------|--------|-------------------|----------------|
| Solvent | Lot No | Date & Time | Extracted by:- |
| Meq ₂ | 164514 | 2016/11/28 2:30pm | MH |
| Heptane | 163812 | 2016/11/29 6:30am | MH |
| Toluene | | | |
| Isooctane | 160050 | 2016/11/30 | |
| Na ₂ O ₄ | 165133 | GPC 2 | |
| Acetone | | | |
| Silica | | | |
| DF | | | |

| | | | |
|--|-------------|---|-------------|
| Solvent/Absorbent | Lot#/Lab ID | Solvent/Absorbent | Lot#/Lab ID |
| 44% Acid Silica | | 4% DCM : Hexane | |
| 33% KOH Silica | | Alumina | |
| 10% AgNO ₃ | | 50% DCM : Cyclohex. | |
| Surrogate/Spike solutions | Syringe ID | Concentration | |
| EPA Mtd 23 Internal Std Soln | | 13C12-T4-H7DD/DF @ 100 pg/ul 13C12-O8CDD @ 200 pg/ul | |
| EPA Mtd 23 Matrix Spiking Soln | | T4-H7DD/DF @ 250 pg/ul O8CDD/DF @ 500 pg/ul | |
| EPA Mtd 1613 Internal Std. Soln | | 13C12-T4-H7DD/DF @ 100 pg/ul 13C12-O8CDD @ 200 pg/ul | |
| EPA Mtd 1613 Matrix Spiking Soln | | T4 @ 40 P6-H7DD/DF @ 200 pg/ul O8CDD/DF @ 400 pg/ul | |
| EPA Mtd 1613 Alt. Spike (Clean-up) | | 37C14-2378-T4CDD @ 40 pg/ul | |
| EPA Region IV (8290) Internal Std Soln | | 13C12-T4-P6 @ 400 pg/ul H6-H7 @ 250 pg/ul 13C12-O8CDD @ 500 pg/ul | |
| EPA Region IV (8290) Mat. Spiking Soln | | T4-H7DD/DF @ 25 pg/ul O8CDD/DF @ 50 pg/ul | |
| PAHs | | | |

| | | | |
|----------------------------------|-------------|--------------------------|-------------|
| Solvent/Absorbent | Lot#/Lab ID | Solvent/Absorbent | Lot#/Lab ID |
| 1% Deati. Alumina | | 50% Toluene: Ethyl. Acet | |
| Surrogate/Spike solutions | Syringe ID | 50% DCM : Hexane | |
| CARB 429 Internal Std Soln (PAH) | | Carbon | |
| CARB 429 Matrix Spiking Soln | | MTD SPK | |
| | | Mx. Spk. | |
| | | Samples | |

| | | | |
|-----------------------------------|-----------------|-----------------------|---------------|
| Solvent/Absorbent | Lot#/Lab ID | Solvent/Absorbent | Lot#/Lab ID |
| 44% Acid Silica | 2016/11/22 #173 | 3% Deactivated Silica | 2016/11/28 #2 |
| Copper | 160157 | Nonane | SHB6333V |
| 3% Deactivated Florisil | 2016/11/28 #2 | Concentration | |
| Surrogate/Spike solutions | Syringe ID | 0.4ng/ul | |
| HR PCB Internal Std Soln | 141PMS-10 | 0.1ng/ul | |
| HR PCB Matrix Spiking Soln | 13HAMS-03 | 0.4ng/ul | |
| HR PCB Alternate (Clean-up) Spike | 14HRMS-13 | | |
| OCs | | | |

| | | | |
|----------------------------|-------------|----------------------------------|-------------|
| Solvent/Absorbent | Lot#/Lab ID | Solvent/Absorbent | Lot#/Lab ID |
| Petroleum Ether | | 1% Deactivated Florisil | |
| Ethyl Acetate | | 20% Ethyl. Acet. Petroleum Ether | |
| Surrogate/Spike solutions | Syringe ID | Concentration | |
| HR PCB Internal Std Soln | | 4ng/ul | |
| HR PCB Matrix Spiking Soln | | 5ng/ul | |
| COMMENTS:- | | | |

| | | | |
|------------|-------------------|-------------|------------|
| N2-Evap ID | Solvent/Absorbent | Lot#/Lab ID | N2-Evap ID |
| | H2SO4 | | |
| | HCl | | |
| | MTD SPK | | |
| | Mx. Spk. | | |
| | Samples | | |

100%
 100%
 100%
 2016/12/10

GROUP NAME **HRMS Prep**

Analyst **MH**

BATCH DATE **2016/11/30**

Balance ID# **BAL-1**

TEST CODES **PCB-TI**

Lipid WS#

| Extraction WS# | SAMPLE # | Sample Wgt. (g) | Final vol. (mL) | Vol. Used for Lipid (mL) | Wgt. Of dish (g) | Wgt of dish and dry lipid extract (g) | Lipid in extract | % Lipid |
|----------------|----------|-----------------|-----------------|--------------------------|------------------|---------------------------------------|------------------|---------|
| 4767897 | DIS272 | 10.2246 | 5 | 0.5 | 11.9245 | 11.9473 | 0.228 | 2.2 |
| 4767897 | DIS273 | 10.3198 | 5 | 0.5 | 11.9127 | 11.9383 | 0.256 | 2.5 |
| 4767897 | DIS274 | 10.4106 | 5 | 0.5 | 11.9614 | 12.0025 | 0.411 | 3.9 |
| 4767897 | DIS275 | 10.2828 | 5 | 0.5 | 12.0259 | 12.0444 | 0.185 | 1.8 |
| 4767897 | DIS276 | 10.1632 | 5 | 0.5 | 12.0116 | 12.0281 | 0.165 | 1.6 |
| 4767897 | DIS277 | 10.0866 | 5 | 0.5 | 12.0538 | 12.0676 | 0.138 | 1.4 |
| 4767897 | DIS278 | 10.2593 | 5 | 0.5 | 11.9326 | 11.9706 | 0.380 | 3.7 |
| 4767897 | DIS279 | 10.2925 | 5 | 0.5 | 11.9808 | 11.9982 | 0.174 | 1.7 |
| 4767897 | DJY041 | 10.3025 | 5 | 0.5 | 12.0533 | 12.0849 | 0.316 | 3.1 |
| 4767897 | DJY042 | 10.3838 | 5 | 0.5 | 11.9583 | 11.9789 | 0.206 | 2.0 |
| 4767897 | DJY043 | 10.1642 | 5 | 0.5 | 11.9611 | 11.9845 | 0.234 | 2.3 |
| 4767897 | DJV055 | 10.63932 | 5 | 0.5 | 12.0333 | 12.0589 | 0.256 | 2.4 |
| 4767897 | DJY056 | 10.3291 | 5 | 0.5 | 12.033 | 12.0527 | 0.197 | 1.9 |
| 4767897 | DJY057 | 10.2627 | 5 | 0.5 | 12.0057 | 12.0261 | 0.204 | 2.0 |
| 4767897 | DJY090 | 10.0993 | 5 | 0.5 | 11.933 | 12.0013 | 0.683 | 6.8 |
| 4767897 | DJY091 | 10.2029 | 5 | 0.5 | 11.9738 | 12.0046 | 0.308 | 3.0 |
| 4767897 | DJY092 | 10.1316 | 5 | 0.5 | 11.9114 | 11.9489 | 0.375 | 3.7 |
| 4767897 | DMY805 | 10.2818 | 5 | 0.5 | 11.9088 | 11.9681 | 0.593 | 5.8 |
| | | | | | | | #DIV/0! | #DIV/0! |
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GROUP NAME **HRMS Prep**

Analyst **MH**

BATCH DATE **2016/11/30**

Balance ID# **BAL-1**

TEST CODES **PCB-II**

Lipid WS#

| Extraction WS# | SAMPLE # | Sample Wgt. (g) | Final vol. (mL) | Vol. Used for Lipid (mL) | Wgt. Of dish (g) | Wgt of dish and dry lipid extract (g) | Lipid in extract | % Lipid |
|----------------|----------|-----------------|-----------------|--------------------------|------------------|---------------------------------------|------------------|---------|
| 4767897 | DIS272 | 10.2246 | 5 | 0.5 | 11.9245 | 11.9473 | 0.000 | 0.0 |
| 4767897 | DIS273 | 10.3198 | 5 | 0.5 | 11.9127 | 11.9385 | 0.000 | 0.0 |
| 4767897 | DIS274 | 10.4106 | 5 | 0.5 | 11.9614 | 12.0025 | 0.000 | 0.0 |
| 4767897 | DIS275 | 10.2828 | 5 | 0.5 | 12.0259 | 12.0444 | 0.000 | 0.0 |
| 4767897 | DIS276 | 10.1632 | 5 | 0.5 | 12.0116 | 12.0281 | 0.000 | 0.0 |
| 4767897 | DIS277 | 10.0866 | 5 | 0.5 | 12.0538 | 12.0676 | 0.000 | 0.0 |
| 4767897 | DIS278 | 10.2593 | 5 | 0.5 | 11.9326 | 11.9706 | 0.000 | 0.0 |
| 4767897 | DIS279 | 10.2925 | 5 | 0.5 | 11.9808 | 11.9982 | 0.000 | 0.0 |
| 4767897 | DJV041 | 10.3025 | 5 | 0.5 | 12.0533 | 12.0849 | 0.000 | 0.0 |
| 4767897 | DJV042 | 10.3838 | 5 | 0.5 | 11.9583 | 11.9789 | 0.000 | 0.0 |
| 4767897 | DJV043 | 10.1642 | 5 | 0.5 | 11.9611 | 11.9845 | 0.000 | 0.0 |
| 4767897 | DJV055 | 10.63932 | 5 | 0.5 | 12.0333 | 12.0589 | 0.000 | 0.0 |
| 4767897 | DJV056 | 10.3291 | 5 | 0.5 | 12.0330 | 12.0527 | 0.000 | 0.0 |
| 4767897 | DJV057 | 10.2627 | 5 | 0.5 | 12.0057 | 12.0261 | 0.000 | 0.0 |
| 4767897 | DJV090 | 10.0993 | 5 | 0.5 | 11.9330 | 12.0013 | 0.000 | 0.0 |
| 4767897 | DJV091 | 10.2029 | 5 | 0.5 | 11.9738 | 12.0046 | 0.000 | 0.0 |
| 4767897 | DJV092 | 10.1316 | 5 | 0.5 | 11.9114 | 11.9489 | 0.000 | 0.0 |
| 4767897 | DMY805 | 10.2818 | 5 | 0.5 | 11.9088 | 11.9681 | 0.000 | 0.0 |
| | | | 5 | 0.5 | | | 0.000 | #DIV/0! |
| | | | 5 | 0.5 | | | 0.000 | #DIV/0! |
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MATRIX SPIKE

| | | | | |
|------------------------------|------------------------------|---------------------------|------------------|--------------------------|
| Lab Name | <u>Maxxam Analytics Inc.</u> | | Lab Sample ID: | <u>B6N4556-DIS272MS</u> |
| Method | <u>EPA 1668A m</u> | | Project Number: | <u>PORT GAMBLE</u> |
| Matrix: | <u>tissue</u> | | Project Name: | <u></u> |
| Sample wt/vol: | <u>10.05</u> | (g) <u>g (dry weight)</u> | Lab File ID: | <u>M2161205B05</u> |
| Level (low/med): | <u>low</u> | | Date Received: | <u>Not applicable</u> |
| % Moisture: | <u>N/A</u> | Decanted (Y/N): <u>N</u> | Date Extracted: | <u>November 28, 2016</u> |
| Concentrated Extract Volume: | <u>100</u> | (uL) | Lab Batch: | <u>4779396</u> |
| Injection Volume: | <u>1</u> | (uL) | Date Analyzed: | <u>December 5, 2016</u> |
| Acid Wash Cleanup (Y/N): | <u>N</u> | pH <u>Not analyzed</u> | Calib. Ref.: | <u>November 29, 2016</u> |
| Carbon Column Cleanup (Y/N): | <u>N</u> | | Time Analyzed: | <u>22:59</u> |
| GPC Column Cleanup (Y/N): | <u>N</u> | | Dilution Factor: | <u>1</u> |

| CAS Number | Compound | Concentration (ng/g) | Sample Conc. (ng/g) | Spike Level (ng/g) | Recovery (%) | Acceptance Criteria (%) |
|-----------------|--------------------------|----------------------|---------------------|--------------------|--------------|-------------------------|
| 2051-60-7 | 2-MonoCB-(1) | 1.07 | 0.0011 U | 1.00 | 107 | 50 - 150 |
| 33146-45-1 | 2,6-DiCB-(10) | N/A | 0.021 U | N/A | 0 | N/A |
| 60145-21-3 | 22'45'6'-PentaCB-(103) | N/A | 0.0020 J | N/A | 0 | N/A |
| 56558-16-8 | 22'466'-PentaCB-(104) | 0.910 | 0.00056 U | 1.00 | 91 | 50 - 150 |
| 32598-14-4 | 233'44'-PentaCB-(105) | 1.13 | 0.0152 | 1.00 | 111 | 50 - 150 |
| 70424-69-0 | 233'45'-PentaCB-(106) | N/A | 0.00090 U | N/A | 0 | N/A |
| 70424-68-9 | 233'4'5'-PentaCB-(107) | N/A | 0.00460 J | N/A | 0 | N/A |
| 70362-41-3 | PentaCB-(108)+(124) | N/A | 0.00173 J | N/A | 0 | N/A |
| 2050-67-1 | 3,3'-DiCB-(11) | N/A | 0.0083 U | N/A | 0 | N/A |
| 38380-03-9 | PentaCB-(110)+(115) | N/A | 0.0447 | N/A | 0 | N/A |
| 39635-32-0 | 233'55'-PentaCB-(111) | N/A | 0.0012 U | N/A | 0 | N/A |
| 74472-36-9 | 233'56'-PentaCB-(112) | N/A | 0.0011 U | N/A | 0 | N/A |
| 74472-37-0 | 2344'5'-PentaCB-(114) | 1.07 | 0.0012 U | 1.00 | 107 | 50 - 150 |
| 31508-00-6 | 23'44'5'-PentaCB-(118) | 1.14 | 0.0557 | 1.00 | 108 | 50 - 150 |
| 2974-92-7..90-5 | DiCB-(12)+(13) | N/A | 0.0063 U | N/A | 0 | N/A |
| 68194-12-7 | 23'455'-PentaCB-(120) | N/A | 0.0010 U | N/A | 0 | N/A |
| 56558-18-0 | 23'45'6'-PentaCB-(121) | N/A | 0.0011 U | N/A | 0 | N/A |
| 76842-07-4 | 233'4'5'-PentaCB-(122) | N/A | 0.00093 U | N/A | 0 | N/A |
| 65510-44-3 | 23'44'5'-PentaCB-(123) | 1.13 | 0.0014 U | 1.00 | 113 | 50 - 150 |
| 57465-28-8 | 33'44'5'-PentaCB-(126) | 1.11 | 0.0013 U | 1.00 | 111 | 50 - 150 |
| 39635-33-1 | 33'455'-PentaCB-(127) | N/A | 0.00083 U | N/A | 0 | N/A |
| 38380-07-3 | HexaCB-(128)+(166) | N/A | 0.0133 J | N/A | 0 | N/A |
| 55215-18-4 | HexaCB-(129)+(138)+(163) | N/A | 0.117 | N/A | 0 | N/A |
| 52663-66-8 | 22'33'45'-HexaCB-(130) | N/A | 0.0067 J | N/A | 0 | N/A |
| 61798-70-7 | 22'33'46'-HexaCB-(131) | N/A | 0.0044 U | N/A | 0 | N/A |
| 38380-05-1 | 22'33'46'-HexaCB-(132) | N/A | 0.0096 J | N/A | 0 | N/A |
| 35694-04-3 | 22'33'55'-HexaCB-(133) | N/A | 0.0038 U | N/A | 0 | N/A |
| 52704-70-8 | HexaCB-(134)+(143) | N/A | 0.0040 U | N/A | 0 | N/A |
| 52744-13-5 | HexaCB-(135)+(151) | N/A | 0.0386 | N/A | 0 | N/A |
| 38411-22-2 | 22'33'66'-HexaCB-(136) | N/A | 0.0075 J | N/A | 0 | N/A |
| 35694-06-5 | 22'344'5'-HexaCB-(137) | N/A | 0.0041 U | N/A | 0 | N/A |
| 56030-56-9 | HexaCB-(139)+(140) | N/A | 0.0035 U | N/A | 0 | N/A |
| 34883-41-5 | 3,5-DiCB-(14) | N/A | 0.0054 U | N/A | 0 | N/A |
| 52712-04-6 | 22'3455'-HexaCB-(141) | N/A | 0.0036 U | N/A | 0 | N/A |
| 41411-61-4 | 22'3456'-HexaCB-(142) | N/A | 0.0039 U | N/A | 0 | N/A |
| 68194-14-9 | 22'345'6'-HexaCB-(144) | N/A | 0.0028 J | N/A | 0 | N/A |
| 74472-40-5 | 22'3466'-HexaCB-(145) | N/A | 0.0018 U | N/A | 0 | N/A |
| 51908-16-8 | 22'34'55'-HexaCB-(146) | N/A | 0.0301 | N/A | 0 | N/A |
| 68194-13-8 | HexaCB-(147)+(149) | N/A | 0.0847 | N/A | 0 | N/A |
| 74472-41-6 | 22'34'56'-HexaCB-(148) | N/A | 0.0021 U | N/A | 0 | N/A |
| 2050-68-2 | 4,4'-DiCB-(15) | 1.11 | 0.012 U | 1.00 | 111 | 50 - 150 |
| 68194-08-1 | 22'34'66'-HexaCB-(150) | N/A | 0.0017 U | N/A | 0 | N/A |
| 68194-09-2 | 22'3566'-HexaCB-(152) | N/A | 0.0015 U | N/A | 0 | N/A |
| 35065-27-1 | HexaCB-(153)+(168) | N/A | 0.168 | N/A | 0 | N/A |
| 60145-22-4 | 22'44'56'-HexaCB-(154) | N/A | 0.0053 J | N/A | 0 | N/A |
| 33979-03-2 | 22'44'66'-HexaCB-(155) | 0.900 | 0.00097 U | 1.00 | 90 | 50 - 150 |
| 38380-08-4 | HexaCB-(156)+(157) | 2.22 | 0.0039 U | 2.00 | 111 | 50 - 150 |
| 74472-42-7 | 233'44'6'-HexaCB-(158) | N/A | 0.0062 J | N/A | 0 | N/A |

MATRIX SPIKE

| | | | | |
|------------------------------|------------------------------|---------------------------|------------------|--------------------------|
| Lab Name | <u>Maxxam Analytics Inc.</u> | | Lab Sample ID: | <u>B6N4556-DIS272MS</u> |
| Method | <u>EPA 1668A m</u> | | Project Number: | <u>PORT GAMBLE</u> |
| Matrix: | <u>tissue</u> | | Project Name: | <u></u> |
| Sample wt/vol: | <u>10.05</u> | (g) <u>g (dry weight)</u> | Lab File ID: | <u>M2161205B05</u> |
| Level (low/med): | <u>low</u> | | Date Received: | <u>Not applicable</u> |
| % Moisture: | <u>N/A</u> | Decanted (Y/N): <u>N</u> | Date Extracted: | <u>November 28, 2016</u> |
| Concentrated Extract Volume: | <u>100</u> | (uL) | Lab Batch: | <u>4779396</u> |
| Injection Volume: | <u>1</u> | (uL) | Date Analyzed: | <u>December 5, 2016</u> |
| Acid Wash Cleanup (Y/N): | <u>N</u> | | Calib. Ref.: | <u>November 29, 2016</u> |
| Carbon Column Cleanup (Y/N): | <u>N</u> | | Time Analyzed: | <u>22:59</u> |
| GPC Column Cleanup (Y/N): | <u>N</u> | | pH | <u>Not analyzed</u> |
| | | | Dilution Factor: | <u>1</u> |

| CAS Number | Compound | Concentration (ng/g) | Sample Conc. (ng/g) | Spike Level (ng/g) | Recovery (%) | Acceptance Criteria (%) |
|-----------------|----------------------------|----------------------|---------------------|--------------------|--------------|-------------------------|
| 39635-35-3 | 233'455'-HexaCB-(159) | N/A | 0.0011 U | N/A | 0 | N/A |
| 38444-78-9 | 22'3-TriCB-(16) | N/A | 0.0036 U | N/A | 0 | N/A |
| 41411-62-5 | 233'456'-HexaCB-(160) | N/A | 0.0034 U | N/A | 0 | N/A |
| 74472-43-8 | 233'456'-HexaCB-(161) | N/A | 0.0027 U | N/A | 0 | N/A |
| 39635-34-2 | 233'455'-HexaCB-(162) | N/A | 0.0012 U | N/A | 0 | N/A |
| 74472-45-0 | 233'456'-HexaCB-(164) | N/A | 0.0030 U | N/A | 0 | N/A |
| 74472-46-1 | 233'556'-HexaCB-(165) | N/A | 0.0032 U | N/A | 0 | N/A |
| 52663-72-6 | 23'44'55'-HexaCB-(167) | 1.15 | 0.0030 U | 1.00 | 115 | 50 - 150 |
| 32774-16-6 | 33'44'55'-HexaCB-(169) | 1.08 | 0.0017 U | 1.00 | 108 | 50 - 150 |
| 37680-66-3 | 22'4-TriCB-(17) | N/A | 0.0032 U | N/A | 0 | N/A |
| 35065-30-6 | 22'33'44'5-HeptaCB-(170) | 0.910 | 0.0016 U | 1.00 | 91 | 50 - 150 |
| 52663-71-5 | HeptaCB-(171)+(173) | N/A | 0.0041 U | N/A | 0 | N/A |
| 52663-74-8 | 22'33'455'-HeptaCB-(172) | N/A | 0.0022 U | N/A | 0 | N/A |
| 38411-25-5 | 22'33'456'-HeptaCB-(174) | N/A | 0.0022 U | N/A | 0 | N/A |
| 40186-70-7 | 22'33'456'-HeptaCB-(175) | N/A | 0.0010 U | N/A | 0 | N/A |
| 52663-65-7 | 22'33'466'-HeptaCB-(176) | N/A | 0.00161 J | N/A | 0 | N/A |
| 52663-70-4 | 22'33'456'-HeptaCB-(177) | N/A | 0.0083 J | N/A | 0 | N/A |
| 52663-67-9 | 22'33'556'-HeptaCB-(178) | N/A | 0.0071 J | N/A | 0 | N/A |
| 52663-64-6 | 22'33'566'-HeptaCB-(179) | N/A | 0.00799 J | N/A | 0 | N/A |
| 37680-65-2 | TriCB-(18)+(30) | N/A | 0.0042 J | N/A | 0 | N/A |
| 35065-29-3 | HeptaCB-(180)+(193) | 0.812 | 0.0124 J | 1.00 | 80 | 50 - 150 |
| 74472-47-2 | 22'344'56'-HeptaCB-(181) | N/A | 0.0022 U | N/A | 0 | N/A |
| 60145-23-5 | 22'344'56'-HeptaCB-(182) | 0.920 | 0.0011 U | 1.00 | 92 K | 50 - 150 |
| 52663-69-1 | 22'344'56'-HeptaCB-(183) | N/A | 0.0113 | N/A | 0 | N/A |
| 74472-48-3 | 22'344'66'-HeptaCB-(184) | N/A | 0.00081 U | N/A | 0 | N/A |
| 52712-05-7 | 22'34556'-HeptaCB-(185) | N/A | 0.0025 U | N/A | 0 | N/A |
| 74472-49-4 | 22'34566'-HeptaCB-(186) | N/A | 0.00089 U | N/A | 0 | N/A |
| 52663-68-0 | 22'34'556'-HeptaCB-(187) | 0.954 | 0.0443 | 1.00 | 91 | 50 - 150 |
| 74487-85-7 | 22'34'566'-HeptaCB-(188) | 0.950 | 0.00069 U | 1.00 | 95 | 50 - 150 |
| 39635-31-9 | 233'44'55'-HeptaCB-(189) | 1.05 | 0.0011 U | 1.00 | 105 | 50 - 150 |
| 38444-73-4 | 22'6-TriCB-(19) | 0.870 | 0.0019 U | 1.00 | 87 | 50 - 150 |
| 41411-64-7 | 233'44'56'-HeptaCB-(190) | N/A | 0.0017 U | N/A | 0 | N/A |
| 74472-50-7 | 233'44'56'-HeptaCB-(191) | N/A | 0.0016 U | N/A | 0 | N/A |
| 74472-51-8 | 233'4556'-HeptaCB-(192) | N/A | 0.0019 U | N/A | 0 | N/A |
| 35694-08-7 | 22'33'44'55'-OctaCB-(194) | N/A | 0.0015 U | N/A | 0 | N/A |
| 52663-78-2 | 22'33'44'56'-OctaCB-(195) | N/A | 0.0016 U | N/A | 0 | N/A |
| 42740-50-1 | 22'33'44'56'-OctaCB-(196) | N/A | 0.0011 U | N/A | 0 | N/A |
| 33091-17-7 | 22'33'44'66'-OctaCB-(197) | N/A | 0.00089 U | N/A | 0 | N/A |
| 68194-17-2 | OctaCB-(198)+(199) | N/A | 0.0011 U | N/A | 0 | N/A |
| 2051-61-8 | 3-MonoCB-(2) | N/A | 0.00081 U | N/A | 0 | N/A |
| 38444-84-7 | TriCB-(20) + (28) | N/A | 0.0126 J | N/A | 0 | N/A |
| 52663-73-7 | 22'33'4566'-OctaCB-(200) | N/A | 0.00069 U | N/A | 0 | N/A |
| 40186-71-8 | 22'33'45'66'-OctaCB-(201) | N/A | 0.00072 U | N/A | 0 | N/A |
| 2136-99-4 | 22'33'55'66'-OctaCB-(202) | 0.903 | 0.00261 J | 1.00 | 90 | 50 - 150 |
| 52663-76-0 | 22'344'556'-OctaCB-(203) | N/A | 0.0011 U | N/A | 0 | N/A |
| 74472-52-9 | 22'344'566'-OctaCB-(204) | N/A | 0.00073 U | N/A | 0 | N/A |
| 74472-53-0 | 233'44'556'-OctaCB-(205) | 0.950 | 0.0015 U | 1.00 | 95 | 50 - 150 |
| 40186-72-9 | 22'33'44'556'-NonaCB-(206) | 0.910 | 0.0013 U | 1.00 | 91 | 50 - 150 |

MATRIX SPIKE

| | | | | |
|------------------------------|------------------------------|---------------------------|------------------|--------------------------|
| Lab Name | <u>Maxxam Analytics Inc.</u> | | Lab Sample ID: | <u>B6N4556-DIS272MS</u> |
| Method | <u>EPA 1668A m</u> | | Project Number: | <u>PORT GAMBLE</u> |
| Matrix: | <u>tissue</u> | | Project Name: | <u></u> |
| Sample wt/vol: | <u>10.05</u> | (g) <u>g (dry weight)</u> | Lab File ID: | <u>M2161205B05</u> |
| Level (low/med): | <u>low</u> | | Date Received: | <u>Not applicable</u> |
| % Moisture: | <u>N/A</u> | Decanted (Y/N): <u>N</u> | Date Extracted: | <u>November 28, 2016</u> |
| Concentrated Extract Volume: | <u>100</u> | (uL) | Lab Batch: | <u>4779396</u> |
| Injection Volume: | <u>1</u> | (uL) | Date Analyzed: | <u>December 5, 2016</u> |
| Acid Wash Cleanup (Y/N): | <u>N</u> | pH <u>Not analyzed</u> | Calib. Ref.: | <u>November 29, 2016</u> |
| Carbon Column Cleanup (Y/N): | <u>N</u> | | Time Analyzed: | <u>22:59</u> |
| GPC Column Cleanup (Y/N): | <u>N</u> | | Dilution Factor: | <u>1</u> |

| CAS Number | Compound | Concentration (ng/g) | Sample Conc. (ng/g) | Spike Level (ng/g) | Recovery (%) | Acceptance Criteria (%) |
|-----------------|-----------------------------|----------------------|---------------------|--------------------|--------------|-------------------------|
| 52663-79-3 | 22'33'44'566'-NonaCB-(207) | N/A | 0.0010 U | N/A | 0 | N/A |
| 52663-77-1 | 22'33'455'66'-NonaCB-(208) | 0.940 | 0.0013 U | 1.00 | 94 | 50 - 150 |
| 2051-24-3 | DecaCB-(209) | 0.870 | 0.0024 U | 1.00 | 87 | 50 - 150 |
| 55702-46-0 | TriCB-(21)+(33) | N/A | 0.0025 U | N/A | 0 | N/A |
| 38444-85-8 | 234'-TriCB-(22) | N/A | 0.0013 U | N/A | 0 | N/A |
| 55720-44-0 | 235'-TriCB-(23) | 0.880 | 0.00077 U | 1.00 | 88 | 50 - 150 |
| 55702-45-9 | 236'-TriCB-(24) | N/A | 0.0028 U | N/A | 0 | N/A |
| 55712-37-3 | 234'-TriCB-(25) | N/A | 0.00094 U | N/A | 0 | N/A |
| 38444-81-4 | TriCB-(26)+(29) | N/A | 0.00149 J | N/A | 0 | N/A |
| 38444-76-7 | 23'6'-TriCB-(27) | N/A | 0.0022 U | N/A | 0 | N/A |
| 2051-62-9 | 4-MonoCB-(3) | 1.09 | 0.0011 U | 1.00 | 109 | 50 - 150 |
| 16606-02-3 | 24'5'-TriCB-(31) | N/A | 0.00622 J | N/A | 0 | N/A |
| 38444-77-8 | 24'6'-TriCB-(32) | N/A | 0.0020 U | N/A | 0 | N/A |
| 37680-68-5 | 23'5'-TriCB-(34) | 0.800 | 0.00068 U | 1.00 | 80 | 50 - 150 |
| 37680-69-6 | 33'4'-TriCB-(35) | N/A | 0.00071 U | N/A | 0 | N/A |
| 38444-87-0 | 33'5'-TriCB-(36) | N/A | 0.00061 U | N/A | 0 | N/A |
| 38444-90-5 | 344'-TriCB-(37) | 1.07 | 0.0021 J | 1.00 | 107 | 50 - 150 |
| 53555-66-1 | 345'-TriCB-(38) | N/A | 0.00073 U | N/A | 0 | N/A |
| 38444-88-1 | 34'5'-TriCB-(39) | N/A | 0.00074 U | N/A | 0 | N/A |
| 13029-08-8 | 22'-DiCB-(4) | 0.930 | 0.018 U | 1.00 | 93 | 50 - 150 |
| 38444-93-8 | TetraCB-(40)+(41)+(71) | N/A | 0.0064 U | N/A | 0 | N/A |
| 36559-22-5 | 22'34'-TetraCB-(42) | N/A | 0.0039 J | N/A | 0 | N/A |
| 70362-46-8 | 22'35'-TetraCB-(43) | N/A | 0.0023 U | N/A | 0 | N/A |
| 41464-39-5 | TetraCB-(44)+(47)+(65) | N/A | 0.0264 J | N/A | 0 | N/A |
| 70362-45-7 | TetraCB-(45)+(51) | N/A | 0.0015 U | N/A | 0 | N/A |
| 41464-47-5 | 22'36'-TetraCB-(46) | N/A | 0.0017 U | N/A | 0 | N/A |
| 70362-47-9 | 22'45'-TetraCB-(48) | N/A | 0.0036 J | N/A | 0 | N/A |
| 41464-47-5 | TetraCB-(49)+TetraCB-(69) | N/A | 0.0101 J | N/A | 0 | N/A |
| 16605-91-7 | 2,3-DiCB-(5) | N/A | 0.0070 U | N/A | 0 | N/A |
| 62796-65-0 | TetraCB-(50)+(53) | N/A | 0.0053 J | N/A | 0 | N/A |
| 35693-99-3 | 22'55'-TetraCB-(52) | N/A | 0.0352 | N/A | 0 | N/A |
| 15968-05-5 | 22'66'-TetraCB-(54) | 0.900 | 0.00070 U | 1.00 | 90 | 50 - 150 |
| 74338-24-2 | 233'4'-TetraCB-(55) | N/A | 0.00078 U | N/A | 0 | N/A |
| 41464-43-1 | 233'4'-TetraCB-(56) | N/A | 0.00229 J | N/A | 0 | N/A |
| 70424-67-8 | 233'5'-TetraCB-(57) | N/A | 0.00067 U | N/A | 0 | N/A |
| 41464-49-7 | 233'5'-TetraCB-(58) | N/A | 0.00074 U | N/A | 0 | N/A |
| 74472-33-6 | TetraCB-(59)+(62)+(75) | N/A | 0.0024 J | N/A | 0 | N/A |
| 25569-80-6 | 2,3-DiCB-(6) | N/A | 0.0055 U | N/A | 0 | N/A |
| 33025-41-1 | 2344'-TetraCB-(60) | N/A | 0.0023 U | N/A | 0 | N/A |
| 33284-53-6 | TetraCB-(61)+(70)+(74)+(76) | N/A | 0.0261 J | N/A | 0 | N/A |
| 74472-34-7 | 234'5'-TetraCB-(63) | N/A | 0.00093 J | N/A | 0 | N/A |
| 52663-58-8 | 234'6'-TetraCB-(64) | N/A | 0.0024 J | N/A | 0 | N/A |
| 32598-10-0 | 23'44'-TetraCB-(66) | N/A | 0.0124 | N/A | 0 | N/A |
| 73575-53-8 | 23'45'-TetraCB-(67) | N/A | 0.00062 U | N/A | 0 | N/A |
| 73575-52-7 | 23'45'-TetraCB-(68) | N/A | 0.0011 U | N/A | 0 | N/A |
| 33284-50-3 | 2,4-DiCB-(7) | N/A | 0.0062 U | N/A | 0 | N/A |
| 41464-42-0 | 23'55'-TetraCB-(72) | N/A | 0.00087 J | N/A | 0 | N/A |
| 74338-23-1 | 23'5'6'-TetraCB-(73) | N/A | 0.0011 U | N/A | 0 | N/A |

MATRIX SPIKE

Lab Name: Maxxam Analytics Inc.
 Method: EPA 1668A m
 Matrix: tissue
 Sample wt/vol: 10.05 (g) g (dry weight)
 Level (low/med): low
 % Moisture: N/A Decanted (Y/N): N
 Concentrated Extract Volume: 100 (uL)
 Injection Volume: 1 (uL)
 Acid Wash Cleanup (Y/N): N pH Not analyzed
 Carbon Column Cleanup (Y/N): N
 GPC Column Cleanup (Y/N): N

Lab Sample ID: B6N4556-DIS272MS
 Project Number: PORT GAMBLE
 Project Name: _____
 Lab File ID: M2161205B05
 Date Received: Not applicable
 Date Extracted: November 28, 2016
 Lab Batch: 4779396
 Date Analyzed: December 5, 2016
 Calib. Ref.: November 29, 2016
 Time Analyzed: 22:59
 Dilution Factor: 1

| CAS Number | Compound | Concentration (ng/g) | Sample Conc. (ng/g) | Spike Level (ng/g) | Recovery (%) | Acceptance Criteria (%) |
|-----------------|-------------------------------------|----------------------|-------------------------|--------------------|--------------|-------------------------|
| 32598-13-3 | 33'44'-TetraCB-(77) | 1.04 | 0.0014 J | 1.00 | 104 | 50 - 150 |
| 70362-49-1 | 33'45'-TetraCB-(78) | N/A | 0.00071 U | N/A | 0 | N/A |
| 41464-48-6 | 33'45'-TetraCB-(79) | N/A | 0.00063 U | N/A | 0 | N/A |
| 34883-43-7 | 2,4'-DiCB-(8) | N/A | 0.0051 U | N/A | 0 | N/A |
| 33284-52-5 | 33'55'-TetraCB-(80) | N/A | 0.00061 U | N/A | 0 | N/A |
| 70362-50-4 | 344'5'-TetraCB-(81) | 1.06 | 0.0011 U | 1.00 | 106 | 50 - 150 |
| 52663-62-4 | 22'33'4'-PentaCB-(82) | N/A | 0.0028 U | N/A | 0 | N/A |
| 60145-20-2 | PentaCB-(83)+(99) | N/A | 0.0714 | N/A | 0 | N/A |
| 52663-60-2 | 22'33'6'-PentaCB-(84) | N/A | 0.0057 J | N/A | 0 | N/A |
| 65510-45-4 | PentaCB-(85)+(116)+(117) | N/A | 0.0120 J | N/A | 0 | N/A |
| 55312-69-1 | PentaCB-(86)(87)(97)(109)(119)(125) | N/A | 0.0254 J | N/A | 0 | N/A |
| 55215-17-3 | PentaCB-(88)+(91) | N/A | 0.0031 J | N/A | 0 | N/A |
| 73575-57-2 | 22'346'-PentaCB-(89) | N/A | 0.0015 U | N/A | 0 | N/A |
| 34883-39-1 | 2,5-DiCB-(9) | N/A | 0.0054 U | N/A | 0 | N/A |
| 68194-07-0 | PentaCB-(90)+(101)+(113) | N/A | 0.0806 | N/A | 0 | N/A |
| 52663-61-3 | 22'355'-PentaCB-(92) | N/A | 0.0168 | N/A | 0 | N/A |
| 73575-56-1 | PentaCB-(93)+(98)+(100)+(102) | N/A | 0.0041 U | N/A | 0 | N/A |
| 73575-55-0 | 22'356'-PentaCB-(94) | N/A | 0.0016 U | N/A | 0 | N/A |
| 38379-99-6 | 22'35'6'-PentaCB-(95) | N/A | 0.0386 | N/A | 0 | N/A |
| 73575-54-9 | 22'366'-PentaCB-(96) | N/A | 0.00098 U | N/A | 0 | N/A |
| CAS Number | Surrogate | Recovery (%) | Acceptance Criteria (%) | | | |
| | C13-2-MonoCB-(1) | 57 | 15 - 140 | | | |
| | C13-22'466'-PentaCB-(104) | 105 | 30 - 140 | | | |
| | C13-233'44'-PentaCB-(105) | 93 | 30 - 140 | | | |
| | C13-233'55'-PentaCB-(111) | 99 | 40 - 125 | | | |
| | C13-2344'5'-PentaCB-(114) | 96 | 30 - 140 | | | |
| | C13-23'44'5'-PentaCB-(118) | 95 | 30 - 140 | | | |
| | C13-2'344'5'-PentaCB-(123) | 95 | 30 - 140 | | | |
| | C13-33'44'5'-PentaCB-(126) | 76 | 30 - 140 | | | |
| | C13-44'-DiCB-(15) | 87 | 30 - 140 | | | |
| | C13-22'44'66'-HexaCB-(155) | 121 | 30 - 140 | | | |
| | C13-HexaCB-(156)+(157) | 79 | 30 - 140 | | | |
| | C13-23'44'55'-HexaCB-(167) | 83 | 30 - 140 | | | |
| | C13-33'44'55'-HexaCB-(169) | 46 | 30 - 140 | | | |
| | C13-22'33'44'5'-HeptaCB-(170) | 100 | 30 - 140 | | | |
| | C13-22'33'55'6'-HeptaCB-(178) | 109 | 40 - 125 | | | |
| | C13-22'344'55'-HeptaCB-(180) | 100 | 30 - 140 | | | |
| | C13-22'34'566'-HeptaCB-(188) | 110 | 30 - 140 | | | |
| | C13-233'44'55'-HeptaCB-(189) | 123 | 30 - 140 | | | |
| | C13-22'6'-TriCB-(19) | 85 | 30 - 140 | | | |
| | C13-22'33'55'66'-OctaCB-(202) | 105 | 30 - 140 | | | |
| | C13-233'44'55'6'-OctaCB-(205) | 96 | 30 - 140 | | | |
| | C13-22'33'44'55'6'-NonaCB-(206) | 89 | 30 - 140 | | | |
| | C13-22'33'455'66'-NonaCB-(208) | 119 | 30 - 140 | | | |
| 105600-27-9 | C13-DecaCB-(209) | 88 | 30 - 140 | | | |
| | C13-2,44'-TriCB-(28) | 101 | 40 - 125 | | | |
| | C13-4-MonoCB-(3) | 62 | 15 - 140 | | | |

MATRIX SPIKE

| | | | | |
|------------------------------|------------------------------|---------------------------|------------------|--------------------------|
| Lab Name | <u>Maxxam Analytics Inc.</u> | | Lab Sample ID: | <u>B6N4556-DIS272MS</u> |
| Method | <u>EPA 1668A m</u> | | Project Number: | <u>PORT GAMBLE</u> |
| Matrix: | <u>tissue</u> | | Project Name: | <u></u> |
| Sample wt/vol: | <u>10.05</u> | (g) <u>g (dry weight)</u> | Lab File ID: | <u>M2161205B05</u> |
| Level (low/med): | <u>low</u> | | Date Received: | <u>Not applicable</u> |
| % Moisture: | <u>N/A</u> | Decanted (Y/N): <u>N</u> | Date Extracted: | <u>November 28, 2016</u> |
| Concentrated Extract Volume: | <u>100</u> | (uL) | Lab Batch: | <u>4779396</u> |
| Injection Volume: | <u>1</u> | (uL) | Date Analyzed: | <u>December 5, 2016</u> |
| Acid Wash Cleanup (Y/N): | <u>N</u> | | Calib. Ref.: | <u>November 29, 2016</u> |
| Carbon Column Cleanup (Y/N): | <u>N</u> | | Time Analyzed: | <u>22:59</u> |
| GPC Column Cleanup (Y/N): | <u>N</u> | | pH | <u>Not analyzed</u> |
| | | | Dilution Factor: | <u>1</u> |

| CAS Number | Compound | Concentration (%) | Sample Conc. (%) | Spike Level (%) | Recovery (%) | Acceptance Criteria (%) |
|------------|-------------------------|-------------------|-------------------------|-----------------|--------------|-------------------------|
| CAS Number | Surrogate | Recovery (%) | Acceptance Criteria (%) | | | |
| | C13-344'-TriCB-(37) | 93 | 30 - 140 | | | |
| | C13-22'-DiCB-(4) | 74 | 30 - 140 | | | |
| | C13-22'66'-TetraCB-(54) | 106 | 30 - 140 | | | |
| | C13-33'44'-TetraCB-(77) | 90 | 30 - 140 | | | |
| | C13-344'5'-TetraCB-(81) | 91 | 30 - 140 | | | |

* Final Data *

Filename M2161205B05
Acquired 12/05/2018 22:59
Call File m2161205B_209

Sample ID MATSPK%
Comments
Instrument File Ultima 3
Sample Size 10.05

Dil Fac 1.00

From 6X Dilution

| Name | mass | RT | Area | ratio | Tot Area | ng/g | Code | Isomers | DL | S/N | Mod | rrf | Rec |
|--------------|-----------|--------|----------|-------|----------|----------|--------------------|---------|----------|------|-----|-------|-----|
| 1 PCB 1 | 188 | 8.84 | 100881 | 3.38 | 130757 | 0.106664 | PCB 1 % Rec = 107 | | -0.00054 | 507 | no | 1.296 | - |
| | MoCB 190 | 8.83 | 29876 | yes | | | | | | 465 | | | |
| 2 PCB 2 | 188 | NotFnd | * | * | * | -0.00041 | | | -0.00041 | * | no | 1.697 | - |
| | MoCB 190 | 9.94 | * | no | | | | | | * | | | |
| 3 PCB 3 | 188 | 10.03 | 108756 | 3.13 | 143502.3 | 0.108691 | PCB 3 % Rec = 109 | | -0.00054 | 582 | xL | 1.276 | - |
| | MoCB 190 | 10.02 | 34746.33 | OK | | | | | | 706 | | | |
| 4 PCB 4 | 222 | 10.14 | 28497 | 1.6 | 46293 | 0.092756 | PCB 4 % Rec = 93 | | -0.01385 | 205 | no | 1.186 | - |
| | DICB 224 | 10.14 | 17796 | yes | | | | | | 7 | | | |
| 5 PCB 10 | 222 | NotFnd | * | * | * | -0.0164 | | | -0.0164 | * | no | 1.002 | - |
| | DICB 224 | 10.23 | * | no | | | | | | * | | | |
| 6 PCB 9 | 222 | NotFnd | * | * | * | -0.00316 | | | -0.00316 | * | no | 2.318 | - |
| | DICB 224 | 11.04 | * | no | | | | | | * | | | |
| 7 PCB 7 | 222 | NotFnd | * | * | * | -0.00364 | | | -0.00364 | * | no | 2.015 | - |
| | DICB 224 | 11.12 | * | no | | | | | | * | | | |
| 8 PCB 6 | 222 | NotFnd | * | * | * | -0.00322 | | | -0.00322 | * | no | 2.278 | - |
| | DICB 224 | 11.22 | * | no | | | | | | * | | | |
| 9 PCB 5 | 222 | NotFnd | * | * | * | -0.00411 | | | -0.00411 | * | no | 1.783 | - |
| | DICB 224 | 11.33 | * | no | | | | | | * | | | |
| 10 PCB 8 | 222 | NotFnd | * | * | * | -0.00304 | | | -0.00304 | * | no | 2.416 | - |
| | DICB 224 | 11.39 | * | no | | | | | | * | | | |
| 11 PCB 14 | 222 | NotFnd | * | * | * | -0.00321 | | | -0.00321 | * | no | 2.288 | - |
| | DICB 224 | 12.08 | * | no | | | | | | * | | | |
| 12 PCB 11 | 222 | NotFnd | * | * | * | -0.00337 | | | -0.00337 | * | no | 2.176 | - |
| | DICB 224 | 12.45 | * | no | | | | | | * | | | |
| 13 PCB 13/12 | 222 | NotFnd | * | * | * | -0.00371 | | | -0.00371 | * | no | 1.978 | - |
| | DICB 224 | 12.59 | * | no | | | | | | * | | | |
| 14 PCB 15 | 222 | 12.73 | 127744 | 1.48 | 214223 | 0.110206 | PCB 15 % Rec = 111 | | -0.00704 | 1185 | no | 1.042 | - |
| | DICB 224 | 12.73 | 86479 | yes | | | | | | 52 | | | |
| 15 PCB 19 | 256 | 11.51 | 30188 | 1.04 | 59065 | 0.086878 | PCB 19 % Rec = 87 | | -0.00161 | 363 | no | 1.156 | - |
| | TriCB 258 | 11.49 | 28877 | yes | | | | | | 353 | | | |
| 16 PCB 30/18 | 256 | NotFnd | * | * | * | -0.00215 | | | -0.00215 | * | no | 0.864 | - |
| | TriCB 258 | 12.30 | * | no | | | | | | * | | | |
| 17 PCB 17 | 256 | NotFnd | * | * | * | -0.00269 | | | -0.00269 | * | no | 0.691 | - |
| | TriCB 258 | 12.48 | * | no | | | | | | * | | | |
| 18 PCB 27 | 256 | NotFnd | * | * | * | -0.00185 | | | -0.00185 | * | no | 1.006 | - |
| | TriCB 258 | 12.60 | * | no | | | | | | * | | | |
| 19 PCB 24 | 256 | NotFnd | * | * | * | -0.00232 | | | -0.00232 | * | no | 0.802 | - |
| | TriCB 258 | 12.65 | * | no | | | | | | * | | | |
| 20 PCB 16 | 256 | NotFnd | * | * | * | -0.00303 | | | -0.00303 | * | no | 0.614 | - |
| | TriCB 258 | 12.71 | * | no | | | | | | * | | | |
| 21 PCB 32 | 256 | NotFnd | * | * | * | -0.00169 | | | -0.00169 | * | no | 1.1 | - |
| | TriCB 258 | 12.93 | * | no | | | | | | * | | | |
| 22 PCB 34 | 256 | 13.51 | 103025 | 0.99 | 207502 | 0.079296 | PCB 34 % Rec = 80 | | -0.00028 | 1030 | no | 2.11 | - |
| | TriCB 258 | 13.52 | 104477 | yes | | | | | | 1089 | | | |
| 23 PCB 23 | 256 | 13.60 | 101983 | 1.02 | 202023 | 0.087397 | PCB 23 % Rec = 88 | | -0.00032 | 1073 | no | 1.864 | - |
| | TriCB 258 | 13.61 | 100039 | yes | | | | | | 1107 | | | |
| 24 PCB 26/29 | 256 | NotFnd | * | * | * | -0.00028 | | | -0.00028 | * | no | 2.13 | - |
| | TriCB 258 | 13.76 | * | no | | | | | | * | | | |
| 25 PCB 25 | 256 | NotFnd | * | * | * | -0.00028 | | | -0.00028 | * | no | 2.103 | - |
| | TriCB 258 | 13.85 | * | no | | | | | | * | | | |
| 26 PCB 31 | 256 | NotFnd | * | * | * | -0.00027 | | | -0.00027 | * | no | 2.202 | - |
| | TriCB 258 | 14.02 | * | no | | | | | | * | | | |
| 27 PCB 28/20 | 256 | NotFnd | * | * | * | -0.0003 | | | -0.0003 | * | no | 1.971 | - |
| | TriCB 258 | 14.18 | * | no | | | | | | * | | | |
| 28 PCB 21/33 | 256 | NotFnd | * | * | * | -0.0003 | | | -0.0003 | * | no | 2.008 | - |
| | TriCB 258 | 14.28 | * | no | | | | | | * | | | |
| 29 PCB 22 | 256 | NotFnd | * | * | * | -0.00034 | | | -0.00034 | * | no | 1.758 | - |
| | TriCB 258 | 14.47 | * | no | | | | | | * | | | |
| 30 PCB 36 | 256 | NotFnd | * | * | * | -0.00026 | | | -0.00026 | * | no | 2.334 | - |
| | TriCB 258 | 15.31 | * | no | | | | | | * | | | |
| 31 PCB 39 | 256 | NotFnd | * | * | * | -0.00031 | | | -0.00031 | * | no | 1.922 | - |
| | TriCB 258 | 15.52 | * | no | | | | | | * | | | |
| 32 PCB 38 | 256 | NotFnd | * | * | * | -0.0003 | | | -0.0003 | * | no | 1.971 | - |
| | TriCB 258 | 15.88 | * | no | | | | | | * | | | |
| 33 PCB 35 | 256 | NotFnd | * | * | * | -0.0003 | | | -0.0003 | * | no | 2.017 | - |
| | TriCB 258 | 16.14 | * | no | | | | | | * | | | |
| 34 PCB 37 | 256 | 16.37 | 100192 | 0.99 | 201501 | 0.108075 | PCB 37 % Rec = 107 | | -0.00061 | 830 | no | 0.985 | - |
| | TriCB 258 | 16.39 | 101308 | yes | | | | | | 897 | | | |
| 35 PCB 54 | 290 | 12.87 | 24435 | 0.76 | 56614 | 0.089414 | PCB 54 % Rec = 90 | | -0.00317 | 75 | no | 1.02 | - |
| | TCB 292 | 12.88 | 32179 | yes | | | | | | 75 | | | |
| 36 PCB 53/50 | 290 | NotFnd | * | * | * | -0.00144 | | | -0.00144 | * | no | 0.872 | - |
| | TCB 292 | 13.89 | * | no | | | | | | * | | | |
| 37 PCB 45/51 | 290 | NotFnd | * | * | * | -0.00152 | | | -0.00152 | * | no | 0.826 | - |
| | TCB 292 | 14.24 | * | no | | | | | | * | | | |
| 38 PCB 46 | 290 | NotFnd | * | * | * | -0.00173 | | | -0.00173 | * | no | 0.727 | - |
| | TCB 292 | 14.39 | * | no | | | | | | * | | | |
| 39 PCB 52 | 290 | NotFnd | * | * | * | -0.00139 | | | -0.00139 | * | no | 0.905 | - |
| | TCB 292 | 15.10 | * | no | | | | | | * | | | |
| 40 PCB 73 | 290 | NotFnd | * | * | * | -0.00112 | | | -0.00112 | * | no | 1.116 | - |
| | TCB 292 | 15.18 | * | no | | | | | | * | | | |
| 41 PCB 43 | 290 | NotFnd | * | * | * | -0.00234 | | | -0.00234 | * | no | 0.537 | - |
| | TCB 292 | 15.25 | * | no | | | | | | * | | | |
| 42 PCB 69/49 | 290 | NotFnd | * | * | * | -0.00129 | | | -0.00129 | * | no | 0.976 | - |
| | TCB 292 | 15.37 | * | no | | | | | | * | | | |

| | | | | | | | | | | | |
|---------------------------|----------|--------|--------|------|--------|----------|---------------------|----------|-----|-------|-------|
| 43 PCB 48 | 290 | NotFnd | * | * | * | -0.00164 | -0.00164 | * | no | 0.765 | - |
| | TCB 292 | 15.55 | * | no | * | | | * | | | |
| 44 PCB 44/47/65 | 290 | NotFnd | * | * | * | -0.00142 | -0.00142 | * | no | 0.883 | - |
| | TCB 292 | 15.70 | * | no | * | | | * | | | |
| 45 PCB 59/62/75 | 290 | NotFnd | * | * | * | -0.00114 | -0.00114 | * | no | 1.105 | - |
| | TCB 292 | 15.87 | * | no | * | | | * | | | |
| 46 PCB 42 | 290 | NotFnd | * | * | * | -0.00175 | -0.00175 | * | no | 0.717 | - |
| | TCB 292 | 15.98 | * | no | * | | | * | | | |
| 47 PCB 40/41/71 | 290 | NotFnd | * | * | * | -0.00156 | -0.00156 | * | no | 0.803 | - |
| | TCB 292 | 16.27 | * | no | * | | | * | | | |
| 48 PCB 64 | 290 | NotFnd | * | * | * | -0.00121 | -0.00121 | * | no | 1.034 | - |
| | TCB 292 | 16.41 | * | no | * | | | * | | | |
| 49 PCB 72 | 290 | NotFnd | * | * | * | -0.00075 | -0.00075 | * | no | 2.019 | - |
| | TCB 292 | 16.89 | * | no | * | | | * | | | |
| 50 PCB 68 | 290 | NotFnd | * | * | * | -0.0008 | -0.0008 | * | no | 1.893 | - |
| | TCB 292 | 17.06 | * | no | * | | | * | | | |
| 51 PCB 57 | 290 | NotFnd | * | * | * | -0.00077 | -0.00077 | * | no | 1.963 | - |
| | TCB 292 | 17.35 | * | no | * | | | * | | | |
| 52 PCB 58 | 290 | NotFnd | * | * | * | -0.00086 | -0.00086 | * | no | 1.762 | - |
| | TCB 292 | 17.50 | * | no | * | | | * | | | |
| 53 PCB 67 | 290 | NotFnd | * | * | * | -0.00072 | -0.00072 | * | no | 2.107 | - |
| | TCB 292 | 17.60 | * | no | * | | | * | | | |
| 54 PCB 63 | 290 | NotFnd | * | * | * | -0.00075 | -0.00075 | * | no | 2.019 | - |
| | TCB 292 | 17.77 | * | no | * | | | * | | | |
| 55 PCB 61/70/74/76 | 290 | NotFnd | * | * | * | -0.00083 | -0.00083 | * | no | 1.816 | - |
| | TCB 292 | 18.00 | * | no | * | | | * | | | |
| 56 PCB 66 | 290 | NotFnd | * | * | * | -0.00075 | -0.00075 | * | no | 2.026 | - |
| | TCB 292 | 18.21 | * | no | * | | | * | | | |
| 57 PCB 55 | 290 | NotFnd | * | * | * | -0.0009 | -0.0009 | * | no | 1.69 | - |
| | TCB 292 | 18.34 | * | no | * | | | * | | | |
| 58 PCB 56 | 290 | NotFnd | * | * | * | -0.00092 | -0.00092 | * | no | 1.654 | - |
| | TCB 292 | 18.67 | * | no | * | | | * | | | |
| 59 PCB 60 | 290 | NotFnd | * | * | * | -0.00092 | -0.00092 | * | no | 1.65 | - |
| | TCB 292 | 18.84 | * | no | * | | | * | | | |
| 60 PCB 80 | 290 | NotFnd | * | * | * | -0.0007 | -0.0007 | * | no | 2.158 | - |
| | TCB 292 | 19.09 | * | no | * | | | * | | | |
| 61 PCB 79 | 290 | NotFnd | * | * | * | -0.00072 | -0.00072 | * | no | 2.095 | - |
| | TCB 292 | 20.23 | * | no | * | | | * | | | |
| 62 PCB 78 | 290 | NotFnd | * | * | * | -0.00082 | -0.00082 | * | no | 1.857 | - |
| | TCB 292 | 20.67 | * | no | * | | | * | | | |
| 63 PCB 81 | 290 | 21.00 | 70365 | 0.75 | 163919 | 0.105699 | PCB 81 % Rec = 106 | -0.0013 | 249 | no | 1.167 |
| | TCB 292 | 20.98 | 93554 | yes | * | | | * | 253 | | |
| 64 PCB 77 | 290 | 21.44 | 69187 | 0.76 | 160675 | 0.105226 | PCB 77 % Rec = 104 | -0.00125 | 239 | no | 1.216 |
| | TCB 292 | 21.45 | 91488 | yes | * | | | * | 245 | | |
| 65 PCB 104 | 326 | 15.65 | 41211 | 1.59 | 67200 | 0.090669 | PCB 104 % Rec = 91 | -0.00121 | 193 | no | 1.188 |
| | PeCB 328 | 15.65 | 25989 | yes | * | | | * | 186 | | |
| 66 PCB 96 | 326 | NotFnd | * | * | * | -0.00211 | -0.00211 | * | no | 0.682 | - |
| | PeCB 328 | 15.87 | * | no | * | | | * | | | |
| 67 PCB 103 | 326 | NotFnd | * | * | * | -0.0009 | -0.0009 | * | no | 0.759 | - |
| | PeCB 328 | 17.01 | * | no | * | | | * | | | |
| 68 PCB 94 | 326 | NotFnd | * | * | * | -0.00123 | -0.00123 | * | no | 0.555 | - |
| | PeCB 328 | 17.15 | * | no | * | | | * | | | |
| 69 PCB 95 | 326 | NotFnd | * | * | * | -0.001 | -0.001 | * | no | 0.687 | - |
| | PeCB 328 | 17.44 | * | no | * | | | * | | | |
| 70 PCB 100/93/102/98 | 326 | NotFnd | * | * | * | -0.0011 | -0.0011 | * | no | 0.623 | - |
| | PeCB 328 | 17.59 | * | no | * | | | * | | | |
| 71 PCB 88/91 | 326 | NotFnd | * | * | * | -0.00109 | -0.00109 | * | no | 0.627 | - |
| | PeCB 328 | 17.98 | * | no | * | | | * | | | |
| 72 PCB 84 | 326 | NotFnd | * | * | * | -0.00125 | -0.00125 | * | no | 0.548 | - |
| | PeCB 328 | 18.15 | * | no | * | | | * | | | |
| 73 PCB 89 | 326 | NotFnd | * | * | * | -0.00113 | -0.00113 | * | no | 0.604 | - |
| | PeCB 328 | 18.48 | * | no | * | | | * | | | |
| 74 PCB 121 | 326 | NotFnd | * | * | * | -0.00085 | -0.00085 | * | no | 0.81 | - |
| | PeCB 328 | 18.73 | * | no | * | | | * | | | |
| 75 PCB 92 | 326 | NotFnd | * | * | * | -0.00107 | -0.00107 | * | no | 0.639 | - |
| | PeCB 328 | 18.99 | * | no | * | | | * | | | |
| 76 PCB 113/90/101 | 326 | NotFnd | * | * | * | -0.00096 | -0.00096 | * | no | 0.716 | - |
| | PeCB 328 | 19.40 | * | no | * | | | * | | | |
| 77 PCB 83/99 | 326 | NotFnd | * | * | * | -0.00118 | -0.00118 | * | no | 0.581 | - |
| | PeCB 328 | 19.84 | * | no | * | | | * | | | |
| 78 PCB 112 | 326 | NotFnd | * | * | * | -0.00079 | -0.00079 | * | no | 0.863 | - |
| | PeCB 328 | 19.95 | * | no | * | | | * | | | |
| 79 PCB 109/119/86/97/125/ | 326 | NotFnd | * | * | * | -0.00096 | -0.00096 | * | no | 0.714 | - |
| | PeCB 328 | 20.23 | * | no | * | | | * | | | |
| 80 PCB 117/116/85 | 326 | NotFnd | * | * | * | -0.00088 | -0.00088 | * | no | 0.778 | - |
| | PeCB 328 | 20.81 | * | no | * | | | * | | | |
| 81 PCB 110/115 | 326 | NotFnd | * | * | * | -0.00099 | -0.00099 | * | no | 0.694 | - |
| | PeCB 328 | 20.92 | * | no | * | | | * | | | |
| 82 PCB 82 | 326 | NotFnd | * | * | * | -0.00126 | -0.00126 | * | no | 0.542 | - |
| | PeCB 328 | 21.17 | * | no | * | | | * | | | |
| 83 PCB 111 | 326 | NotFnd | * | * | * | -0.00089 | -0.00089 | * | no | 0.772 | - |
| | PeCB 328 | 21.45 | * | no | * | | | * | | | |
| 84 PCB 120 | 326 | NotFnd | * | * | * | -0.00078 | -0.00078 | * | no | 0.877 | - |
| | PeCB 328 | 21.82 | * | no | * | | | * | | | |
| 85 PCB 108/124 | 326 | NotFnd | * | * | * | -0.00115 | -0.00115 | * | no | 1.488 | - |
| | PeCB 328 | 22.73 | * | no | * | | | * | | | |
| 86 PCB 107 | 326 | NotFnd | * | * | * | -0.00103 | -0.00103 | * | no | 1.663 | - |
| | PeCB 328 | 22.94 | * | no | * | | | * | | | |
| 87 PCB 123 | 326 | 23.07 | 86801 | 1.52 | 143967 | 0.112903 | PCB 123 % Rec = 113 | -0.0018 | 189 | no | 0.947 |
| | PeCB 328 | 23.05 | 57166 | yes | * | | | * | 187 | | |
| 88 PCB 106 | 326 | NotFnd | * | * | * | -0.00117 | -0.00117 | * | no | 1.465 | - |
| | PeCB 328 | 23.17 | * | no | * | | | * | | | |
| 89 PCB 118 | 326 | 23.34 | 134000 | 1.54 | 220893 | 0.163401 | PCB 118 % Rec = 108 | -0.00164 | 299 | no | 1.042 |
| | PeCB 328 | 23.37 | 86894 | yes | * | | | * | 305 | | |

| | | | | | | | | | | | |
|---------------------|----------|--------|--------|------|--------|----------|-------------------------|----------|-----|-------|-------|
| 90 PCB 122 | 326 | NotFnd | * | * | * | -0.0012 | -0.0012 | * | no | 1.418 | - |
| | PeCB 328 | 23.65 | * | no | | | | * | | | |
| 91 PCB 114 | 326 | 23.81 | 81991 | 1.45 | 138404 | 0.106316 | PCB 114 % Rec = 107 | -0.00159 | 182 | no | 1.076 |
| | PeCB 328 | 23.82 | 56414 | yes | | | | | 191 | | |
| 92 PCB 105 | 326 | 24.35 | 97024 | 1.56 | 159047 | 0.12604 | PCB 105 % Rec = 111 | -0.00164 | 204 | no | 1.04 |
| | PeCB 328 | 24.39 | 62023 | yes | | | | | 199 | | |
| 93 PCB 127 | 326 | NotFnd | * | * | * | -0.00108 | -0.00108 | * | no | 1.583 | - |
| | PeCB 328 | 25.66 | * | no | | | | | * | | |
| 94 PCB 126 | 326 | 27.19 | 68062 | 1.55 | 111846 | 0.110001 | PCB 126 % Rec = 111 | -0.00165 | 137 | no | 1.037 |
| | PeCB 328 | 27.18 | 43704 | yes | | | | | 140 | | |
| 95 PCB 155 | 360 | 19.26 | 38969 | 1.25 | 70051 | 0.089252 | PCB 155 % Rec = 90 | -0.0015 | 148 | no | 1.079 |
| | HxCB 362 | 19.26 | 31082 | yes | | | | | 147 | | |
| 96 PCB 152 | 360 | NotFnd | * | * | * | -0.00236 | -0.00236 | * | no | 0.686 | - |
| | HxCB 362 | 19.42 | * | no | | | | | * | | |
| 97 PCB 150 | 360 | NotFnd | * | * | * | -0.00267 | -0.00267 | * | no | 0.606 | - |
| | HxCB 362 | 19.53 | * | no | | | | | * | | |
| 98 PCB 136 | 360 | NotFnd | * | * | * | -0.00246 | -0.00246 | * | no | 0.659 | - |
| | HxCB 362 | 19.80 | * | no | | | | | * | | |
| 99 PCB 145 | 360 | NotFnd | * | * | * | -0.00284 | -0.00284 | * | no | 0.57 | - |
| | HxCB 362 | 20.03 | * | no | | | | | * | | |
| 100 PCB 148 | 360 | NotFnd | * | * | * | -0.0033 | -0.0033 | * | no | 0.491 | - |
| | HxCB 362 | 21.13 | * | no | | | | | * | | |
| 101 PCB 151/135 | 360 | NotFnd | * | * | * | -0.00366 | -0.00366 | * | no | 0.442 | - |
| | HxCB 362 | 21.63 | * | no | | | | | * | | |
| 102 PCB 154 | 360 | NotFnd | * | * | * | -0.00307 | -0.00307 | * | no | 0.528 | - |
| | HxCB 362 | 21.82 | * | no | | | | | * | | |
| 103 PCB 144 | 360 | NotFnd | * | * | * | -0.00345 | -0.00345 | * | no | 0.469 | - |
| | HxCB 362 | 22.06 | * | no | | | | | * | | |
| 104 PCB 147/149 | 360 | NotFnd | * | * | * | -0.00206 | -0.00206 | * | no | 0.665 | - |
| | HxCB 362 | 22.36 | * | no | | | | | * | | |
| 105 PCB 134/143 | 360 | NotFnd | * | * | * | -0.00231 | -0.00231 | * | no | 0.593 | - |
| | HxCB 362 | 22.61 | * | no | | | | | * | | |
| 106 PCB 139/140 | 360 | NotFnd | * | * | * | -0.00206 | -0.00206 | * | no | 0.866 | - |
| | HxCB 362 | 22.88 | * | no | | | | | * | | |
| 107 PCB 131 | 360 | NotFnd | * | * | * | -0.00254 | -0.00254 | * | no | 0.54 | - |
| | HxCB 362 | 23.06 | * | no | | | | | * | | |
| 108 PCB 142 | 360 | NotFnd | * | * | * | -0.00227 | -0.00227 | * | no | 0.603 | - |
| | HxCB 362 | 23.19 | * | no | | | | | * | | |
| 109 PCB 132 | 360 | NotFnd | * | * | * | -0.00259 | -0.00259 | * | no | 0.528 | - |
| | HxCB 362 | 23.44 | * | no | | | | | * | | |
| 110 PCB 133 | 360 | NotFnd | * | * | * | -0.00218 | -0.00218 | * | no | 0.629 | - |
| | HxCB 362 | 23.84 | * | no | | | | | * | | |
| 111 PCB 165 | 360 | NotFnd | * | * | * | -0.00186 | -0.00186 | * | no | 0.735 | - |
| | HxCB 362 | 24.17 | * | no | | | | | * | | |
| 112 PCB 146 | 360 | NotFnd | * | * | * | -0.00191 | -0.00191 | * | no | 0.715 | - |
| | HxCB 362 | 24.40 | * | no | | | | | * | | |
| 113 PCB 161 | 360 | NotFnd | * | * | * | -0.00158 | -0.00158 | * | no | 0.864 | - |
| | HxCB 362 | 24.52 | * | no | | | | | * | | |
| 114 PCB 153/168 | 360 | NotFnd | * | * | * | -0.00175 | -0.00175 | * | no | 0.783 | - |
| | HxCB 362 | 24.98 | * | no | | | | | * | | |
| 115 PCB 141 | 360 | NotFnd | * | * | * | -0.00211 | -0.00211 | * | no | 0.648 | - |
| | HxCB 362 | 25.13 | * | no | | | | | * | | |
| 116 PCB 130 | 360 | NotFnd | * | * | * | -0.00236 | -0.00236 | * | no | 0.581 | - |
| | HxCB 362 | 25.50 | * | no | | | | | * | | |
| 117 PCB 137 | 360 | NotFnd | * | * | * | -0.00237 | -0.00237 | * | no | 0.577 | - |
| | HxCB 362 | 25.70 | * | no | | | | | * | | |
| 118 PCB 164 | 360 | NotFnd | * | * | * | -0.00172 | -0.00172 | * | no | 0.796 | - |
| | HxCB 362 | 25.82 | * | no | | | | | * | | |
| 119 PCB 138/163/129 | 360 | NotFnd | * | * | * | -0.00208 | -0.00208 | * | no | 0.657 | - |
| | HxCB 362 | 26.11 | * | no | | | | | * | | |
| 120 PCB 160 | 360 | NotFnd | * | * | * | -0.00197 | -0.00197 | * | no | 0.695 | - |
| | HxCB 362 | 26.28 | * | no | | | | | * | | |
| 121 PCB 158 | 360 | NotFnd | * | * | * | -0.00157 | -0.00157 | * | no | 0.872 | - |
| | HxCB 362 | 26.46 | * | no | | | | | * | | |
| 122 PCB 128/166 | 360 | NotFnd | * | * | * | -0.00196 | -0.00196 | * | no | 0.7 | - |
| | HxCB 362 | 27.27 | * | no | | | | | * | | |
| 123 PCB 159 | 360 | NotFnd | * | * | * | -0.00156 | -0.00156 | * | no | 1.501 | - |
| | HxCB 362 | 28.25 | * | no | | | | | * | | |
| 124 PCB 162 | 360 | NotFnd | * | * | * | -0.00175 | -0.00175 | * | no | 1.338 | - |
| | HxCB 362 | 28.51 | * | no | | | | | * | | |
| 125 PCB 167 | 360 | 29.00 | 62222 | 1.15 | 116517 | 0.114501 | PCB 167 % Rec = 115 | -0.00247 | 149 | no | 0.951 |
| | HxCB 362 | 29.01 | 54295 | yes | | | | | 165 | | |
| 126 PCB 156/157 | 360 | 30.15 | 118726 | 1.23 | 215183 | 0.221808 | PCB 156/157 % Rec = 111 | -0.00226 | 227 | no | 1.036 |
| | HxCB 362 | 30.16 | 98456 | yes | | | | | 230 | | |
| 127 PCB 169 | 360 | 33.53 | 32141 | 1.23 | 58314 | 0.10755 | PCB 169 % Rec = 108 | -0.00241 | 71 | no | 0.973 |
| | HxCB 362 | 33.53 | 26173 | yes | | | | | 72 | | |
| 128 PCB 188 | 394 | 23.78 | 35468 | 1.06 | 68969 | 0.094597 | PCB 188 % Rec = 95 | -0.00209 | 113 | no | 1.053 |
| | HpCB 396 | 23.78 | 33501 | yes | | | | | 112 | | |
| 129 PCB 179 | 394 | NotFnd | * | * | * | -0.00589 | -0.00589 | * | no | 1.017 | - |
| | HpCB 396 | 24.02 | * | no | | | | | * | | |
| 130 PCB 184 | 394 | NotFnd | * | * | * | -0.00628 | -0.00628 | * | no | 0.955 | - |
| | HpCB 396 | 24.49 | * | no | | | | | * | | |
| 131 PCB 176 | 394 | NotFnd | * | * | * | -0.00611 | -0.00611 | * | no | 0.981 | - |
| | HpCB 396 | 24.80 | * | no | | | | | * | | |
| 132 PCB 186 | 394 | NotFnd | * | * | * | -0.00699 | -0.00699 | * | no | 0.858 | - |
| | HpCB 396 | 25.23 | * | no | | | | | * | | |
| 133 PCB 178 | 394 | NotFnd | * | * | * | -0.00864 | -0.00864 | * | no | 0.694 | - |
| | HpCB 396 | 26.48 | * | no | | | | | * | | |
| 134 PCB 175 | 394 | NotFnd | * | * | * | -0.00813 | -0.00813 | * | no | 0.737 | - |
| | HpCB 396 | 27.08 | * | no | | | | | * | | |
| 135 PCB 187 | 394 | 27.34 | 10840 | 0.99 | 21844 | 0.135264 | PCB 187 % Rec = 91 | -0.00861 | 42 | no | 0.696 |
| | HpCB 396 | 27.31 | 11004 | yes | | | | | 45 | | |
| 136 PCB 182 | 394 | 27.55 | 8526 | 1.21 | 15597 | 0.091958 | PCB 182 % Rec = 92 | -0.0082 | 33 | no | 0.731 |
| | HpCB 396 | 27.53 | 7072 | yes | | | | | 28 | | |

| | | | | | | | | | | | | | |
|-------------------|----------|--------|--------|------|--------|----------|------------------------|--|----------|------|----|-------|-----|
| 137 PCB 183 | 394 | NotFnd | * | * | * | -0.0059 | | | -0.0059 | * | no | 1.038 | - |
| | HpCB 396 | 27.92 | * | no | * | | | | | * | | | |
| 138 PCB 185 | 394 | NotFnd | * | * | * | -0.00683 | | | -0.00683 | * | no | 0.896 | - |
| | HpCB 396 | 28.04 | * | no | * | | | | | * | | | |
| 139 PCB 174 | 394 | NotFnd | * | * | * | -0.007 | | | -0.007 | * | no | 0.874 | - |
| | HpCB 396 | 28.14 | * | no | * | | | | | * | | | |
| 140 PCB 177 | 394 | NotFnd | * | * | * | -0.00676 | | | -0.00676 | * | no | 0.905 | - |
| | HpCB 396 | 28.58 | * | no | * | | | | | * | | | |
| 141 PCB 181 | 394 | NotFnd | * | * | * | -0.00709 | | | -0.00709 | * | no | 0.864 | - |
| | HpCB 396 | 28.99 | * | no | * | | | | | * | | | |
| 142 PCB 171/173 | 394 | NotFnd | * | * | * | -0.00679 | | | -0.00679 | * | no | 0.902 | - |
| | HpCB 396 | 29.21 | * | no | * | | | | | * | | | |
| 143 PCB 172 | 394 | NotFnd | * | * | * | -0.00688 | | | -0.00688 | * | no | 0.89 | - |
| | HpCB 396 | 30.85 | * | no | * | | | | | * | | | |
| 144 PCB 192 | 394 | NotFnd | * | * | * | -0.00604 | | | -0.00604 | * | no | 1.014 | - |
| | HpCB 396 | 31.16 | * | no | * | | | | | * | | | |
| 145 PCB 193/180 | 394 | 31.54 | 11279 | 1.04 | 22117 | 0.09173 | PCB 193/180 % Rec = 80 | | -0.00486 | 43 | no | 1.26 | - |
| | HpCB 396 | 31.61 | 10838 | yes | * | | | | | 44 | | | |
| 146 PCB 191 | 394 | NotFnd | * | * | * | -0.00504 | | | -0.00504 | * | no | 1.214 | - |
| | HpCB 396 | 31.89 | * | no | * | | | | | * | | | |
| 147 PCB 170 | 394 | 32.85 | 9591 | 1.04 | 18825 | 0.090856 | PCB 170 % Rec = 91 | | -0.00508 | 36 | no | 1.206 | - |
| | HpCB 396 | 32.85 | 9234 | yes | * | | | | | 38 | | | |
| 148 PCB 190 | 394 | NotFnd | * | * | * | -0.00533 | | | -0.00533 | * | no | 1.148 | - |
| | HpCB 396 | 33.41 | * | no | * | | | | | * | | | |
| 149 PCB 189 | 394 | 36.27 | 34583 | 0.96 | 70512 | 0.104953 | PCB 189 % Rec = 105 | | -0.00214 | 117 | no | 0.91 | - |
| | HpCB 396 | 36.29 | 35929 | yes | * | | | | | 126 | | | |
| 150 PCB 202 | 428 | 28.72 | 9333 | 0.92 | 19515 | 0.092589 | PCB 202 % Rec = 90 | | -0.00455 | 61 | no | 1.08 | - |
| | OcCB 430 | 28.72 | 10182 | yes | * | | | | | 53 | | | |
| 151 PCB 201 | 428 | NotFnd | * | * | * | -0.00445 | | | -0.00445 | * | no | 1.104 | - |
| | OcCB 430 | 29.64 | * | no | * | | | | | * | | | |
| 152 PCB 204 | 428 | NotFnd | * | * | * | -0.00448 | | | -0.00448 | * | no | 1.098 | - |
| | OcCB 430 | 30.33 | * | no | * | | | | | * | | | |
| 153 PCB 197 | 428 | NotFnd | * | * | * | -0.00513 | | | -0.00513 | * | no | 0.959 | - |
| | OcCB 430 | 30.55 | * | no | * | | | | | * | | | |
| 154 PCB 200 | 428 | NotFnd | * | * | * | -0.00437 | | | -0.00437 | * | no | 1.126 | - |
| | OcCB 430 | 30.64 | * | no | * | | | | | * | | | |
| 155 PCB 198/199 | 428 | NotFnd | * | * | * | -0.0067 | | | -0.0067 | * | no | 0.734 | - |
| | OcCB 430 | 33.57 | * | no | * | | | | | * | | | |
| 156 PCB 196 | 428 | NotFnd | * | * | * | -0.00638 | | | -0.00638 | * | no | 0.771 | - |
| | OcCB 430 | 34.31 | * | no | * | | | | | * | | | |
| 157 PCB 203 | 428 | NotFnd | * | * | * | -0.00682 | | | -0.00682 | * | no | 0.721 | - |
| | OcCB 430 | 34.54 | * | no | * | | | | | * | | | |
| 158 PCB 195 | 428 | NotFnd | * | * | * | -0.00432 | | | -0.00432 | * | no | 0.97 | - |
| | OcCB 430 | 35.95 | * | no | * | | | | | * | | | |
| 159 PCB 194 | 428 | NotFnd | * | * | * | -0.00405 | | | -0.00405 | * | no | 1.035 | - |
| | OcCB 430 | 38.56 | * | no | * | | | | | * | | | |
| 160 PCB 205 | 428 | 39.16 | 16645 | 0.87 | 35740 | 0.094942 | PCB 205 % Rec = 95 | | -0.002 | 81 | no | 1.071 | - |
| | OcCB 430 | 39.18 | 19095 | yes | * | | | | | 87 | | | |
| 161 PCB 208 | 462 | 35.76 | 16470 | 0.8 | 34782 | 0.093945 | PCB 208 % Rec = 94 | | -0.00361 | 68 | no | 1.082 | - |
| | NoCB 464 | 35.78 | 19312 | yes | * | | | | | 64 | | | |
| 162 PCB 207 | 462 | NotFnd | * | * | * | -0.00295 | | | -0.00295 | * | no | 1.324 | - |
| | NoCB 464 | 36.81 | * | no | * | | | | | * | | | |
| 163 PCB 206 | 462 | 41.14 | 7155 | 0.7 | 17431 | 0.090102 | PCB 206 % Rec = 91 | | -0.00363 | 31 | no | 1.077 | - |
| | NoCB 464 | 41.12 | 10276 | yes | * | | | | | 33 | | | |
| 164 PCB 209 | 498 | 42.98 | 7568 | 1.09 | 14540 | 0.086424 | PCB 209 % Rec = 87 | | -0.00168 | 127 | no | 1.024 | - |
| | DCB 500 | 43.01 | 6972 | yes | * | | | | | 132 | | | |
| 165 PCB 1L | 200 | 8.83 | 145453 | 3.4 | 188253 | 0.126529 | | | 0.001 | 2768 | no | 0.821 | 64 |
| | 202 | 8.83 | 42800 | yes | * | | | | | 246 | | | |
| 166 PCB 3L | 200 | 10.02 | 160099 | 3.54 | 205281 | 0.136893 | | | 0.001 | 3352 | no | 0.828 | 69 |
| | 202 | 10.01 | 45182 | yes | * | | | | | 279 | | | |
| 167 PCB 4L | 234 | 10.14 | 51850 | 1.63 | 83736 | 0.164156 | | | 0.001 | 394 | no | 0.282 | 82 |
| | 236 | 10.11 | 31887 | yes | * | | | | | 823 | | | |
| 168 PCB 15L | 234 | 12.73 | 234086 | 1.7 | 371424 | 0.192722 | | | 0.001 | 1111 | no | 1.064 | 97 |
| | 236 | 12.73 | 137338 | yes | * | | | | | 903 | | | |
| 169 PCB 19L | 268 | 11.49 | 58309 | 0.99 | 117002 | 0.187085 | | | 0.005 | 176 | no | 0.345 | 94 |
| | 270 | 11.49 | 58693 | yes | * | | | | | 76 | | | |
| 170 PCB 37L | 268 | 16.37 | 196130 | 1.09 | 376631 | 0.206626 | | | 0.003 | 337 | no | 2.614 | 104 |
| | 270 | 16.36 | 180501 | yes | * | | | | | 132 | | | |
| 171 PCB 54L | 302 | 12.85 | 54634 | 0.79 | 123571 | 0.233769 | | | 0.001 | 402 | no | 0.758 | 117 |
| | 304 | 12.85 | 68937 | yes | * | | | | | 687 | | | |
| 172 PCB 81L | 302 | 20.98 | 120465 | 0.84 | 264495 | 0.202181 | | | 0.001 | 485 | no | 1.876 | 102 |
| | 304 | 20.98 | 144030 | yes | * | | | | | 1409 | | | |
| 173 PCB 77L | 302 | 21.43 | 112625 | 0.82 | 249927 | 0.199242 | | | 0.001 | 442 | no | 1.799 | 100 |
| | 304 | 21.43 | 137302 | yes | * | | | | | 1302 | | | |
| 174 PCB 104L | 338 | 15.63 | 75122 | 1.53 | 124194 | 0.23114 | | | 0 | 2413 | no | 0.967 | 116 |
| | 340 | 15.64 | 49072 | yes | * | | | | | 3323 | | | |
| 175 PCB 123L | 338 | 23.03 | 168281 | 1.69 | 267835 | 0.210133 | | | 0 | 3689 | no | 2.293 | 106 |
| | 340 | 23.05 | 99554 | yes | * | | | | | 1075 | | | |
| 176 PCB 118L | 338 | 23.32 | 161650 | 1.67 | 258177 | 0.210836 | | | 0 | 3548 | no | 2.203 | 106 |
| | 340 | 23.32 | 96528 | yes | * | | | | | 1066 | | | |
| 177 PCB 114L | 338 | 23.80 | 152518 | 1.73 | 240840 | 0.211449 | | | 0 | 3225 | no | 2.049 | 106 |
| | 340 | 23.80 | 88321 | yes | * | | | | | 937 | | | |
| 178 PCB 105L | 338 | 24.34 | 150974 | 1.67 | 241397 | 0.205453 | | | 0 | 3275 | no | 2.114 | 103 |
| | 340 | 24.36 | 90423 | yes | * | | | | | 971 | | | |
| 179 PCB 126L | 338 | 27.16 | 121998 | 1.67 | 195161 | 0.169062 | | | 0 | 2456 | no | 2.077 | 85 |
| | 340 | 27.18 | 73163 | yes | * | | | | | 736 | | | |
| 180 PCB 155L | 372 | 19.25 | 81150 | 1.28 | 144735 | 0.268077 | | | 0 | 3576 | no | 1.056 | 135 |
| | 374 | 19.25 | 63585 | yes | * | | | | | 5099 | | | |
| 181 PCB 167L | 372 | 28.98 | 121091 | 1.32 | 212930 | 0.183641 | | | 0 | 1333 | no | 2.269 | 92 |
| | 374 | 29.01 | 91838 | yes | * | | | | | 1179 | | | |
| 182 PCB 156L/157L | 372 | 30.13 | 212699 | 1.33 | 372762 | 0.351535 | | | 0 | 1839 | no | 2.075 | 88 |
| | 374 | 30.16 | 160063 | yes | * | | | | | 1664 | | | |
| 183 PCB 169L | 372 | 33.49 | 63606 | 1.35 | 110877 | 0.101254 | | | 0 | 648 | no | 2.142 | 51 |
| | 374 | 33.50 | 47271 | yes | * | | | | | 574 | | | |

| | | | | | | | | | | | |
|-----------------------|-----|--------|---------|------|----------|----------|-------|----------|----|-------|-----|
| 184 PCB 188L | 406 | 23.76 | 71612 | 1.08 | 137746 | 0.244245 | 0 | 1567 | no | 1.103 | 123 |
| | 408 | 23.76 | 66134 | yes | | | | 2333 | | | |
| 185 PCB 180L | 406 | 31.61 | 19776 | 1.08 | 38079 | 0.199286 | 0.001 | 366 | no | 1.219 | 100 |
| | 408 | 31.62 | 18304 | yes | | | | 862 | | | |
| 186 PCB 170L | 406 | 32.81 | 17722 | 1.08 | 34203 | 0.199723 | 0.001 | 353 | no | 1.093 | 100 |
| | 408 | 32.80 | 16481 | yes | | | | 794 | | | |
| 187 PCB 189L | 406 | 36.25 | 78199 | 1.14 | 146868 | 0.272581 | 0.001 | 638 | no | 2.422 | 137 |
| | 408 | 36.25 | 68670 | yes | | | | 644 | | | |
| 188 PCB 202L | 440 | 28.69 | 18126 | 0.88 | 38851 | 0.208245 | 0 | 2021 | no | 1.19 | 105 |
| | 442 | 28.71 | 20725 | yes | | | | 1509 | | | |
| 189 PCB 205L | 440 | 39.14 | 33579 | 0.92 | 69945 | 0.212825 | 0.001 | 896 | no | 1.478 | 107 |
| | 442 | 39.15 | 36366 | yes | | | | 689 | | | |
| 190 PCB 208L | 474 | 36.74 | 30230 | 0.8 | 68101 | 0.264143 | 0.001 | 1054 | no | 1.159 | 133 |
| | 476 | 35.75 | 37871 | yes | | | | 837 | | | |
| 191 PCB 206L | 474 | 41.12 | 15805 | 0.79 | 35747 | 0.197415 | 0.001 | 527 | no | 0.814 | 99 |
| | 476 | 41.12 | 19943 | yes | | | | 433 | | | |
| 192 PCB 209L | 510 | 42.96 | 18579 | 1.32 | 32698 | 0.194789 | 0.001 | 609 | no | 0.755 | 98 |
| | 512 | 42.97 | 14119 | yes | | | | 1018 | | | |
| 193 PCB 28L | 268 | 14.15 | 223931 | 1.08 | 430675 | 0.222147 | 0.003 | 425 | no | 2.78 | 101 |
| PCB Cleanup Standard | 270 | 14.15 | 206745 | yes | | | | 170 | | | |
| 194 PCB 111L | 338 | 21.43 | 101893 | 1.68 | 162126 | 0.218947 | 0 | 1873 | no | 1.332 | 99 |
| PCB Cleanup Standard | 340 | 21.43 | 60433 | yes | | | | 1344 | | | |
| 195 PCB 178L | 406 | 26.50 | 41477 | 1.08 | 79810 | 0.240049 | 0.001 | 852 | no | 0.65 | 109 |
| PCB Cleanup Standard | 408 | 26.50 | 38333 | yes | | | | 1288 | | | |
| 196 PCB 31L | 268 | 14.01 | 1150 | 0.65 | 2929 | 0.001513 | 0.003 | 2 | no | 2.775 | 1 |
| PCB Audit Standard | 270 | 13.99 | 1780 | no | | | | 1 | | | |
| 197 PCB 95L | 338 | NotFnd | * | * | * | | 0.001 | 1 | no | 0.967 | |
| PCB Audit Standard | 340 | 17.42 | * | no | | | | | | | |
| 198 PCB 153L | 372 | 24.95 | 2185 | 1.33 | 3823 | 0.006282 | 0 | 60 | no | 1.191 | 3 |
| PCB Audit Standard | 374 | 24.94 | 1638 | yes | | | | 33 | | | |
| 199 PCB 9L | 234 | 11.03 | 1258421 | 1.69 | 2002707 | 7.702022 | - | 6295 | no | - | - |
| PCB Recovery Standard | 236 | 11.03 | 744286 | yes | | | | 5173 | | | |
| 200 PCB 62L | 302 | 15.08 | 344932 | 0.81 | 770999 | 7.795514 | - | 2144 | no | - | - |
| PCB Recovery Standard | 304 | 15.08 | 426067 | yes | | | | 5741 | | | |
| 201 PCB 101L | 338 | 19.40 | 384807 | 1.67 | 614536 | 7.449283 | - | 7734 | no | - | - |
| PCB Recovery Standard | 340 | 19.40 | 229730 | yes | | | | 5573 | | | |
| 202 PCB 138L | 372 | 26.09 | 319251 | 1.3 | 565040 | 6.749851 | - | 8803 | no | - | - |
| PCB Recovery Standard | 374 | 26.09 | 245788 | yes | | | | 5001 | | | |
| 203 PCB 194L | 440 | 38.61 | 115278 | 0.88 | 245888 | 3.350936 | - | 3130 | no | - | - |
| PCB Recovery Standard | 442 | 38.61 | 130611 | yes | | | | 2573 | | | |
| Chlorobiphenyls | | | | | 0.215355 | | 2 | -0.00054 | | | |
| Dichlorobiphenyls | | | | | 0.202962 | | 2 | -0.0164 | | | |
| Trichlorobiphenyls | | | | | 0.361646 | | 4 | -0.00303 | | | |
| Tetrachlorobiphenyls | | | | | 0.300339 | | 3 | -0.00317 | | | |
| Pentachlorobiphenyls | | | | | 0.70933 | | 6 | -0.00211 | | | |
| Hexachlorobiphenyls | | | | | 0.533111 | | 4 | -0.00366 | | | |
| Heptachlorobiphenyls | | | | | 0.609358 | | 6 | -0.00864 | | | |
| Octachlorobiphenyls | | | | | 0.187531 | | 2 | -0.00682 | | | |
| Nonachlorobiphenyls | | | | | 0.184047 | | 2 | -0.00363 | | | |
| Decachlorobiphenyl | | | | | 0.086424 | | 1 | -0.00168 | | | |
| PCB (total) | | | | | 3.390103 | | | | | | |

Filename M2161205B05
Acquired 12/05/2016 22:59

Call File m2161205B_209

B1
2016/12/14

Sample ID **MATSPK%**
Comments
Instrument File Ultima 3
Sample Size 10.05

Dil Fac 1.00

| Name | mass | RT | Area | ratio | Tot Area | UNIT? | Code | DL | S/N | Mod | rff | Rec |
|-----------------|------|--------|--------|-------|----------|----------|------|-------|------|-----|-------|--------|
| 130 PCB 184 | 394 | NotFnd | * | * | * | | | 0 | | no | 0.904 | - |
| | 394 | NotFnd | * | * | * | | | 0 | | no | 0.939 | - |
| 131 PCB 176 | 394 | NotFnd | * | * | * | | | 0 | | no | 0.822 | - |
| 132 PCB 186 | 394 | NotFnd | * | * | * | | | 0 | | no | 0.663 | - |
| 133 PCB 178 | 394 | 28.53 | 1804 | 1.18 | 3337 | 0.009089 | | 0 | 54 | no | 0.663 | - |
| | 394 | 26.54 | 1533 | yes | * | | | 0 | 110 | no | 0.695 | - |
| 134 PCB 175 | 394 | NotFnd | * | * | * | | | 0 | | no | 0.647 | - |
| 135 PCB 187 | 394 | 27.38 | 30182 | 1 | 60262 | 0.168069 | | 0 | 974 | no | 0.647 | - |
| | 394 | 27.58 | 22629 | 1.09 | 43452 | 0.116595 | | 0 | 2228 | no | 0.673 | - |
| 136 PCB 182 | 394 | 27.61 | 20823 | yes | * | | | 0 | 733 | no | 0.673 | - |
| 137 PCB 183 | 394 | 27.99 | 3673 | 1.1 | 7013 | 0.011119 | | 0.001 | 1523 | no | 1.138 | - |
| | 394 | 27.96 | 3341 | yes | * | | | 0.001 | 84 | no | 1.138 | - |
| 138 PCB 185 | 394 | NotFnd | * | * | * | | | 0.001 | 74 | no | 0.743 | - |
| 139 PCB 174 | 394 | NotFnd | * | * | * | | | 0.001 | | no | 0.867 | - |
| 140 PCB 177 | 394 | 28.18 | * | no | * | | | 0.001 | | no | 0.874 | - |
| | 394 | 28.64 | 2161 | 0.92 | 4521 | 0.009335 | | 0.001 | 51 | no | 0.874 | - |
| 141 PCB 181 | 394 | NotFnd | * | * | * | | | 0.001 | 47 | no | 0.85 | - |
| 142 PCB 171/173 | 394 | NotFnd | * | * | * | | | 0.001 | | no | 0.875 | - |
| 143 PCB 172 | 394 | NotFnd | * | * | * | | | 0.001 | | no | 0.866 | - |
| 144 PCB 192 | 394 | NotFnd | * | * | * | | | 0.001 | | no | 0.979 | - |
| 145 PCB 193/180 | 394 | 31.21 | * | no | * | | | 0.001 | | no | 1.333 | - |
| | 394 | 31.58 | 26308 | 1.06 | 51154 | 0.09008 | | 0.001 | 574 | no | 1.333 | - |
| 146 PCB 191 | 394 | NotFnd | * | * | * | | | 0 | 483 | no | 1.152 | - |
| 147 PCB 170 | 394 | 31.94 | * | no | * | | | 0.001 | | no | 1.206 | - |
| | 394 | 32.90 | 21604 | 1.09 | 41511 | 0.095565 | | 0.001 | 455 | no | 1.206 | - |
| 148 PCB 190 | 394 | NotFnd | * | * | * | | | 0.001 | 380 | no | 1.089 | - |
| 149 PCB 189 | 394 | NotFnd | * | * | * | | | 0 | | no | 0.91 | - |
| 150 PCB 202 | 394 | 32.90 | 19907 | yes | * | | | 0.001 | | no | 1.08 | - |
| | 428 | 28.76 | 24484 | 0.88 | 52170 | 0.092187 | | 0.001 | 592 | no | 1.08 | - |
| 151 PCB 201 | 428 | NotFnd | * | * | * | | | 0.001 | 659 | no | 1.088 | - |
| 152 PCB 204 | 428 | NotFnd | * | * | * | | | 0.001 | | no | 1.08 | - |
| 153 PCB 197 | 428 | NotFnd | * | * | * | | | 0.001 | | no | 0.88 | - |
| 154 PCB 200 | 428 | NotFnd | * | * | * | | | 0.001 | | no | 1.141 | - |
| 155 PCB 198/199 | 428 | NotFnd | * | * | * | | | 0.001 | | no | 0.691 | - |
| 156 PCB 196 | 428 | NotFnd | * | * | * | | | 0.001 | | no | 0.736 | - |
| 157 PCB 203 | 428 | NotFnd | * | * | * | | | 0.001 | | no | 0.712 | - |
| 158 PCB 195 | 428 | NotFnd | * | * | * | | | 0 | | no | 1.012 | - |
| 159 PCB 194 | 428 | NotFnd | * | * | * | | | 0 | | no | 1.061 | - |
| 160 PCB 205 | 428 | NotFnd | * | * | * | | | 0.001 | | no | 1.071 | - |
| | 428 | 39.16 | 16645 | 0.87 | 35740 | 0.094942 | | 0.001 | 375 | no | 1.071 | - |
| 161 PCB 208 | 462 | 35.78 | 19095 | yes | * | | | 0.001 | 672 | no | 1.082 | - |
| | 462 | 35.76 | 15470 | 0.8 | 34782 | 0.093945 | | 0.001 | 382 | no | 1.082 | - |
| 162 PCB 207 | 462 | NotFnd | * | * | * | | | 0.001 | 261 | no | 1.324 | - |
| 163 PCB 206 | 462 | NotFnd | * | * | * | | | 0 | | no | 1.077 | no lip |
| 164 PCB 209 | 498 | 42.98 | 7568 | 1.09 | 14540 | 0.086424 | | 0 | 1003 | no | 1.024 | - |
| 165 PCB 1L | 200 | 8.83 | 145453 | 3.4 | 189253 | 0.113887 | | 0.001 | 343 | no | 0.821 | 57 |
| 166 PCB 3L | 200 | 10.02 | 160099 | 3.54 | 205281 | 0.123216 | | 0.001 | 2768 | no | 0.828 | 62 |
| 167 PCB 4L | 234 | 10.14 | 51850 | 1.63 | 83736 | 0.147756 | | 0.001 | 246 | no | 0.282 | 74 |
| 168 PCB 15L | 234 | 12.73 | 234086 | 1.7 | 371424 | 0.173467 | | 0 | 279 | no | 1.064 | 87 |
| 169 PCB 19L | 270 | 11.49 | 58309 | 0.99 | 117002 | 0.168393 | | 0.004 | 394 | no | 0.345 | 85 |
| 170 PCB 37L | 270 | 16.37 | 196130 | 1.09 | 376631 | 0.185982 | | 0.003 | 823 | no | 2.614 | 93 |
| 171 PCB 54L | 302 | 12.85 | 54634 | 0.79 | 123571 | 0.210413 | | 0.001 | 1111 | no | 0.758 | 106 |
| 172 PCB 81L | 304 | 20.98 | 120465 | 0.84 | 264495 | 0.181981 | | 0.001 | 903 | no | 1.876 | 91 |
| | 304 | 20.98 | 144030 | yes | * | | | | 76 | | | |
| | | | | | | | | | 337 | | | |
| | | | | | | | | | 132 | | | |
| | | | | | | | | | 402 | | | |
| | | | | | | | | | 687 | | | |
| | | | | | | | | | 485 | | | |
| | | | | | | | | | 1409 | | | |

Filename M2161205B05
 Acquired 12/05/2016 22:59

Call File m2161205B_209

Sample ID MATSPK%
 Comments
 Instrument File Ultima 3
 Sample Size 10.05

Dil Fac 1.00

| Name | mass | RT | Area | ratio | Tot Area | UNIT? | Code | DL | S/N | Mod | rf | Rec |
|-------------------|------|--------|---------|-------|----------|----------|------|-------|------|-----|-------|-----|
| 173 PCB 77L | 302 | 21.43 | 112625 | 0.82 | 249927 | 0.179336 | | 0.001 | 442 | no | 1.799 | 90 |
| | 304 | 21.43 | 137302 | yes | | | | | | | | |
| 174 PCB 104L | 338 | 15.63 | 75122 | 1.53 | 124194 | 0.208047 | | 0 | 2413 | no | 0.967 | 105 |
| | 340 | 15.64 | 49072 | yes | | | | | | | | |
| 175 PCB 123L | 338 | 23.03 | 168281 | 1.69 | 267835 | 0.189139 | | 0 | 3669 | no | 2.293 | 95 |
| | 340 | 23.05 | 99554 | yes | | | | | | | | |
| 176 PCB 118L | 338 | 23.32 | 161650 | 1.67 | 258177 | 0.189772 | | 0 | 1075 | no | 2.203 | 95 |
| | 340 | 23.32 | 96528 | yes | | | | | | | | |
| 177 PCB 114L | 338 | 23.80 | 152518 | 1.73 | 240840 | 0.190323 | | 0 | 3225 | no | 2.049 | 96 |
| | 340 | 23.80 | 88321 | yes | | | | | | | | |
| 178 PCB 105L | 338 | 24.34 | 150974 | 1.67 | 241397 | 0.184926 | | 0 | 937 | no | 2.114 | 93 |
| | 340 | 24.36 | 90423 | yes | | | | | | | | |
| 179 PCB 126L | 338 | 27.16 | 121998 | 1.67 | 195161 | 0.152171 | | 0 | 2456 | no | 2.077 | 76 |
| | 340 | 27.18 | 73163 | yes | | | | | | | | |
| 180 PCB 155L | 372 | 19.24 | 81150 | 1.28 | 144735 | 0.241294 | | 0 | 3576 | no | 1.056 | 121 |
| | 374 | 19.25 | 63585 | yes | | | | | | | | |
| 181 PCB 167L | 372 | 28.98 | 121091 | 1.32 | 212930 | 0.165294 | | 0 | 5099 | no | 2.269 | 83 |
| | 374 | 29.01 | 91838 | yes | | | | | | | | |
| 182 PCB 156L/157L | 372 | 30.13 | 212699 | 1.33 | 372762 | 0.316413 | | 0 | 1333 | no | 2.075 | 79 |
| | 374 | 30.16 | 160063 | yes | | | | | | | | |
| 183 PCB 169L | 372 | 33.49 | 63606 | 1.35 | 110877 | 0.091138 | | 0 | 1839 | no | 2.142 | 46 |
| | 374 | 33.50 | 47271 | yes | | | | | | | | |
| 184 PCB 188L | 406 | 23.76 | 71612 | 1.08 | 137746 | 0.219843 | | 0 | 574 | no | 1.103 | 110 |
| | 408 | 23.77 | 66134 | yes | | | | | | | | |
| 185 PCB 180L | 406 | 31.56 | 43348 | 1.05 | 84769 | 0.281405 | | 0.001 | 1567 | no | 1.219 | 141 |
| | 408 | 31.58 | 41421 | yes | | | | | | | | |
| 186 PCB 170L | 406 | 32.87 | 37493 | 1.1 | 71703 | 0.265585 | | 0.001 | 2333 | no | 1.093 | 133 |
| | 408 | 32.89 | 34210 | yes | | | | | | | | |
| 187 PCB 189L | 406 | 36.25 | 78199 | 1.14 | 146868 | 0.245347 | | 0.001 | 612 | no | 2.422 | 123 |
| | 408 | 36.25 | 68670 | yes | | | | | | | | |
| 188 PCB 202L | 440 | 28.74 | 49606 | 0.91 | 104313 | 0.354662 | | 0.001 | 644 | no | 1.19 | 178 |
| | 442 | 28.72 | 54707 | yes | | | | | | | | |
| 189 PCB 205L | 440 | 39.14 | 33579 | 0.92 | 69945 | 0.191561 | | 0.001 | 2807 | no | 1.478 | 96 |
| | 442 | 39.15 | 36366 | yes | | | | | | | | |
| 190 PCB 208L | 474 | 35.74 | 30230 | 0.8 | 68101 | 0.237752 | | 0.001 | 1488 | no | 1.159 | 119 |
| | 476 | 35.75 | 37871 | yes | | | | | | | | |
| 191 PCB 206L | 474 | NotFnd | * | * | * | | | 0.001 | 837 | no | 0.814 | 80 |
| | 476 | 41.12 | * | no | | | | | | | | |
| 192 PCB 209L | 510 | 42.96 | 18579 | 1.32 | 32698 | 0.175328 | | 0.001 | 609 | no | 0.755 | 88 |
| | 512 | 42.97 | 14119 | yes | | | | | | | | |
| 193 PCB 28L | 268 | 14.15 | 223931 | 1.08 | 430675 | 0.199952 | | 0.003 | 1018 | no | 2.78 | 100 |
| | 270 | 14.15 | 206745 | yes | | | | | | | | |
| 194 PCB 111L | 338 | 21.43 | 101693 | 1.68 | 162126 | 0.197072 | | 0 | 425 | no | 1.332 | 99 |
| | 340 | 21.44 | 60433 | yes | | | | | | | | |
| 195 PCB 178L | 406 | 26.49 | 41477 | 1.08 | 79810 | 0.216066 | | 0.001 | 170 | no | 0.65 | 109 |
| | 408 | 26.50 | 38333 | yes | | | | | | | | |
| 196 PCB 31L | 268 | 14.01 | 1150 | 0.65 | 2929 | 0.001362 | | 0.003 | 1288 | no | 2.775 | 1 |
| | 270 | 13.99 | 1780 | no | | | | | | | | |
| 197 PCB 95L | 338 | NotFnd | * | * | * | | | 0 | 1 | no | 0.967 | |
| | 340 | 17.42 | * | no | | | | | | | | |
| 198 PCB 153L | 372 | 24.95 | 2185 | 1.33 | 3823 | 0.005655 | | 0 | 60 | no | 1.191 | 3 |
| | 374 | 24.94 | 1638 | yes | | | | | | | | |
| 199 PCB 9L | 234 | 11.03 | 1258421 | 1.69 | 2002707 | 7.702022 | | - | 33 | no | - | - |
| | 236 | 11.03 | 744286 | yes | | | | | | | | |
| 200 PCB 52L | 302 | 15.08 | 344932 | 0.81 | 770999 | 7.795514 | | - | 5173 | no | - | - |
| | 304 | 15.08 | 426067 | yes | | | | | | | | |
| 201 PCB 101L | 338 | 19.40 | 384807 | 1.68 | 614536 | 7.449283 | | - | 2144 | no | - | - |
| | 340 | 19.40 | 229730 | yes | | | | | | | | |
| 202 PCB 138L | 372 | 26.09 | 319251 | 1.3 | 565040 | 6.749851 | | - | 5741 | no | - | - |
| | 374 | 26.09 | 245788 | yes | | | | | | | | |
| 203 PCB 194L | 440 | 38.61 | 115278 | 0.88 | 245888 | 3.350936 | | - | 7734 | no | - | - |
| | 442 | 38.61 | 130611 | yes | | | | | | | | |

Filename M2161205B05

Acquired 12/05/2016 22:59

Call File m2161205B_209

Sample ID MATSPK%
 Comments
 Instrument File Ultima 3
 Sample Size 10.05

Dil Fac 1.00

| Name | mass | RT | Area | ratio | Tot Area | UNIT? | Code | DL | S/N | Mod | rrf | Rec |
|--------------|-----------|--------|--------|-------|----------|----------|------|-------|------|-----|-------|-----|
| 1 PCB 1 | 188 | 8.84 | 100881 | 3.38 | 130757 | 0.106664 | | 0 | 2255 | no | 1.296 | - |
| | MoCB 190 | 8.83 | 29876 | yes | * | | | 0 | 580 | no | 1.697 | - |
| 2 PCB 2 | 188 | NotFnd | * | * | * | | | 0 | | no | 1.697 | - |
| | MoCB 190 | 9.94 | * | no | * | | | 0 | | no | 1.276 | - |
| 3 PCB 3 | 188 | 10.04 | 108756 | 2.55 | 151332 | 0.114953 | | 0 | 2587 | no | 1.276 | - |
| | MoCB 190 | 10.02 | 42576 | no | * | | | 0.003 | 885 | no | 1.186 | - |
| 4 PCB 4 | 222 | 10.14 | 28497 | 1.6 | 46293 | 0.092756 | | 0.003 | 458 | no | 1.186 | - |
| | DiCB 224 | 10.14 | 17796 | yes | * | | | 0.002 | 39 | no | 1.002 | - |
| 5 PCB 10 | 222 | NotFnd | * | * | * | | | 0.003 | | no | 2.318 | - |
| | DiCB 224 | 10.23 | * | no | * | | | 0.003 | | no | 2.015 | - |
| 6 PCB 9 | 222 | NotFnd | * | * | * | | | 0.003 | | no | 2.278 | - |
| | DiCB 224 | 11.04 | * | no | * | | | 0.004 | | no | 1.783 | - |
| 7 PCB 7 | 222 | NotFnd | * | * | * | | | 0.003 | | no | 2.416 | - |
| | DiCB 224 | 11.12 | * | no | * | | | 0.003 | | no | 2.288 | - |
| 8 PCB 6 | 222 | NotFnd | * | * | * | | | 0.003 | | no | 2.176 | - |
| | DiCB 224 | 11.22 | * | no | * | | | 0.003 | 15 | no | 1.978 | - |
| 9 PCB 5 | 222 | NotFnd | * | * | * | | | 0.004 | | no | 1.042 | - |
| | DiCB 224 | 11.33 | * | no | * | | | 0.003 | 2 | no | 1.156 | - |
| 10 PCB 8 | 222 | 11.39 | 1755 | 0.8 | 3944 | 0.001427 | | 0.003 | | no | 0.864 | - |
| | DiCB 224 | 11.39 | 2188 | no | * | | | 0.003 | | no | 0.691 | - |
| 11 PCB 14 | 222 | NotFnd | * | * | * | | | 0.003 | | no | 1.006 | - |
| | DiCB 224 | 12.08 | * | no | * | | | 0.003 | | no | 0.802 | - |
| 12 PCB 11 | 222 | 12.44 | 10118 | 0.91 | 21192 | 0.008516 | | 0.003 | 74 | no | 2.176 | - |
| | DiCB 224 | 12.45 | 11074 | no | * | | | 0.003 | 7 | no | 1.978 | - |
| 13 PCB 13/12 | 222 | NotFnd | * | * | * | | | 0.003 | | no | 1.042 | - |
| | DiCB 224 | 12.59 | * | no | * | | | 0.004 | 856 | no | 1.042 | - |
| 14 PCB 15 | 222 | 12.73 | 127744 | 1.48 | 214223 | 0.110206 | | 0.004 | 70 | no | 1.156 | - |
| | DiCB 224 | 12.73 | 86479 | yes | 59065 | 0.086878 | | 0.001 | 911 | no | 1.156 | - |
| 15 PCB 19 | 256 | 11.51 | 30188 | 1.05 | 59065 | 0.086878 | | 0.001 | 2588 | no | 0.864 | - |
| | TriCB 258 | 11.49 | 28877 | yes | 4268 | 0.003984 | | 0 | 59 | no | 0.864 | - |
| 16 PCB 30/18 | 256 | 12.30 | 2351 | 1.23 | 4268 | 0.003984 | | 0 | 151 | no | 0.691 | - |
| | TriCB 258 | 12.30 | 1917 | no | * | | | 0 | | no | 1.006 | - |
| 17 PCB 17 | 256 | NotFnd | * | * | * | | | 0 | | no | 0.802 | - |
| | TriCB 258 | 12.48 | * | no | * | | | 0 | | no | 0.614 | - |
| 18 PCB 27 | 256 | NotFnd | * | * | * | | | 0 | | no | 1.1 | - |
| | TriCB 258 | 12.60 | * | no | * | | | 0 | | no | 2.11 | - |
| 19 PCB 24 | 256 | NotFnd | * | * | * | | | 0 | | no | 1.864 | - |
| | TriCB 258 | 12.65 | * | no | * | | | 0 | | no | 2.13 | - |
| 20 PCB 16 | 256 | NotFnd | * | * | * | | | 0 | | no | 2.103 | - |
| | TriCB 258 | 12.71 | * | no | * | | | 0.001 | | no | 2.202 | - |
| 21 PCB 32 | 256 | NotFnd | * | * | * | | | 0 | | no | 1.971 | - |
| | TriCB 258 | 12.93 | * | no | * | | | 0.001 | | no | 2.008 | - |
| 22 PCB 34 | 256 | 13.51 | 103025 | 0.99 | 207502 | 0.079296 | | 0.001 | 2368 | no | 2.11 | - |
| | TriCB 258 | 13.52 | 104477 | yes | 202023 | 0.087397 | | 0.001 | 256 | no | 1.864 | - |
| 23 PCB 23 | 256 | 13.60 | 101983 | 1.02 | 202023 | 0.087397 | | 0.001 | 2467 | no | 1.864 | - |
| | TriCB 258 | 13.61 | 100039 | yes | 4201 | 0.00159 | | 0.001 | 260 | no | 2.13 | - |
| 24 PCB 26/29 | 256 | 13.74 | 2393 | 1.32 | 4201 | 0.00159 | | 0.001 | 52 | no | 2.13 | - |
| | TriCB 258 | 13.76 | 1808 | no | * | | | 0.001 | 4 | no | 2.103 | - |
| 25 PCB 25 | 256 | NotFnd | * | * | * | | | 0.001 | | no | 2.103 | - |
| | TriCB 258 | 13.85 | * | no | * | | | 0.001 | | no | 2.202 | - |
| 26 PCB 31 | 256 | 14.01 | 8246 | 0.96 | 16847 | 0.006169 | | 0.001 | 184 | no | 2.202 | - |
| | TriCB 258 | 14.02 | 8601 | yes | 30464 | 0.012465 | | 0.001 | 21 | no | 1.971 | - |
| 27 PCB 28/20 | 256 | 14.17 | 15014 | 0.97 | 30464 | 0.012465 | | 0.001 | 344 | no | 1.971 | - |
| | TriCB 258 | 14.18 | 15450 | yes | 7420 | 0.00298 | | 0.001 | 37 | no | 2.008 | - |
| 28 PCB 21/33 | 256 | 14.29 | 3848 | 1.08 | 7420 | 0.00298 | | 0.001 | 82 | no | 2.008 | - |
| | TriCB 258 | 14.28 | 3572 | yes | 2411 | 0.001105 | | 0.001 | 8 | no | 1.758 | - |
| 29 PCB 22 | 256 | 14.49 | 1178 | 0.96 | 2411 | 0.001105 | | 0.001 | 22 | no | 1.758 | - |
| | TriCB 258 | 14.47 | 1233 | yes | * | | | 0.001 | 3 | no | 2.334 | - |
| 30 PCB 36 | 256 | NotFnd | * | * | * | | | 0.001 | | no | 1.922 | - |
| | TriCB 258 | 15.31 | * | no | * | | | 0.001 | | no | 1.971 | - |
| 31 PCB 39 | 256 | NotFnd | * | * | * | | | 0.001 | | no | 2.017 | - |
| | TriCB 258 | 15.52 | * | no | * | | | 0.001 | | no | 2.017 | - |
| 32 PCB 38 | 256 | NotFnd | * | * | * | | | 0.001 | | no | 2.017 | - |
| | TriCB 258 | 15.88 | * | no | * | | | 0.001 | | no | 0.985 | - |
| 33 PCB 35 | 256 | NotFnd | * | * | * | | | 0.001 | | no | 0.985 | - |
| | TriCB 258 | 16.14 | * | no | * | | | 0.001 | | no | 1.02 | - |
| 34 PCB 37 | 256 | 16.37 | 100192 | 0.99 | 201501 | 0.108075 | | 0.001 | 1908 | no | 0.985 | - |
| | TriCB 258 | 16.39 | 101308 | yes | 56614 | 0.089414 | | 0 | 211 | no | 1.02 | - |
| 35 PCB 54 | 290 | 12.87 | 24435 | 0.76 | 56614 | 0.089414 | | 0 | 1468 | no | 1.02 | - |
| | TCB 292 | 12.87 | 32179 | yes | 4370 | 0.004692 | | 0 | 642 | no | 0.872 | - |
| 36 PCB 53/50 | 290 | 13.87 | 1810 | 0.71 | 4370 | 0.004692 | | 0 | 81 | no | 0.872 | - |
| | TCB 292 | 13.89 | 2560 | yes | * | | | 0 | 54 | no | 0.826 | - |
| 37 PCB 45/51 | 290 | NotFnd | * | * | * | | | 0 | | no | 0.826 | - |
| | TCB 292 | 14.24 | * | no | * | | | 0 | | no | 0.727 | - |
| 38 PCB 46 | 290 | NotFnd | * | * | * | | | 0 | | no | 0.727 | - |
| | TCB 292 | 14.39 | * | no | * | | | 0 | | no | 0.905 | - |
| 39 PCB 52 | 290 | 15.10 | 14591 | 0.77 | 33426 | 0.034564 | | 0 | 558 | no | 0.905 | - |
| | TCB 292 | 15.10 | 18835 | yes | * | | | 0 | 390 | no | 1.116 | - |
| 40 PCB 73 | 290 | NotFnd | * | * | * | | | 0 | | no | 1.116 | - |
| | TCB 292 | 15.17 | * | no | * | | | 0.001 | | no | 0.537 | - |
| 41 PCB 43 | 290 | NotFnd | * | * | * | | | 0.001 | | no | 0.537 | - |
| | TCB 292 | 15.25 | * | no | * | | | 0 | | no | 0.976 | - |
| 42 PCB 69/49 | 290 | 15.39 | 4801 | 0.78 | 10946 | 0.010493 | | 0 | 173 | no | 0.976 | - |
| | TCB 292 | 15.37 | 6146 | yes | 3195 | 0.003908 | | 0 | 123 | no | 0.765 | - |
| 43 PCB 48 | 290 | 15.55 | 1534 | 0.92 | 3195 | 0.003908 | | 0 | 60 | no | 0.765 | - |
| | TCB 292 | 15.55 | 1661 | no | * | | | 0 | 35 | no | 0.765 | - |

Filename M2161205B05

Acquired 12/05/2016 22:59

Call File m2161205B_209

Sample ID MATSPK%

Comments

Instrument File Ultima 3

Sample Size 10.05

Dil Fac 1.00

| Name | mass | RT | Area | ratio | Tot Area | UNIT? | Code | DL | S/N | Mod | rrf | Rec |
|---------------------------|----------|--------|-------|-------|----------|----------|------|-------|------|-----|-------|-----|
| 44 PCB 44/47/65 | 290 | 15.68 | 11129 | 0.8 | 24966 | 0.026474 | | 0 | 358 | no | 0.883 | - |
| | TCB 292 | 15.70 | 13838 | yes | | | | | 222 | | | |
| 45 PCB 59/62/75 | 290 | 15.87 | 1271 | 0.88 | 2724 | 0.002307 | | 0 | 44 | no | 1.105 | - |
| | TCB 292 | 15.87 | 1453 | yes | | | | | 24 | | | |
| 46 PCB 42 | 290 | 15.98 | 1650 | 0.96 | 3170 | 0.004138 | | 0 | 60 | no | 0.717 | - |
| | TCB 292 | 15.98 | 1620 | no | | | | | 31 | | | |
| 47 PCB 40/41/71 | 290 | 16.27 | 2882 | 0.7 | 6972 | 0.008131 | | 0 | 101 | no | 0.803 | - |
| | TCB 292 | 16.27 | 4090 | yes | | | | | 69 | | | |
| 48 PCB 64 | 290 | 16.41 | 1044 | 0.66 | 2628 | 0.002379 | | 0 | 36 | no | 1.034 | - |
| | TCB 292 | 16.41 | 1584 | yes | | | | | 28 | | | |
| 49 PCB 72 | 290 | NotFnd | * | * | * | | | 0 | | no | 2.019 | - |
| | TCB 292 | 16.89 | * | no | | | | | | | | |
| 50 PCB 68 | 290 | 17.06 | 1470 | 0.8 | 3298 | 0.001631 | | 0 | 31 | no | 1.893 | - |
| | TCB 292 | 17.06 | 1828 | yes | | | | | 15 | | | |
| 51 PCB 57 | 290 | NotFnd | * | * | * | | | 0 | | no | 1.963 | - |
| | TCB 292 | 17.35 | * | no | | | | | | | | |
| 52 PCB 58 | 290 | NotFnd | * | * | * | | | 0 | | no | 1.762 | - |
| | TCB 292 | 17.50 | * | no | | | | | | | | |
| 53 PCB 67 | 290 | NotFnd | * | * | * | | | 0 | | no | 2.107 | - |
| | TCB 292 | 17.61 | * | no | | | | | | | | |
| 54 PCB 63 | 290 | NotFnd | * | * | * | | | 0 | | no | 2.019 | - |
| | TCB 292 | 17.77 | * | no | | | | | | | | |
| 55 PCB 61/70/74/76 | 290 | 18.00 | 21954 | 0.72 | 52301 | 0.026948 | | 0 | 333 | no | 1.816 | - |
| | TCB 292 | 18.00 | 30347 | yes | | | | | 170 | | | |
| 56 PCB 66 | 290 | 18.22 | 11840 | 0.75 | 27650 | 0.012768 | | 0 | 248 | no | 2.026 | - |
| | TCB 292 | 18.21 | 15810 | yes | | | | | 124 | | | |
| 57 PCB 55 | 290 | NotFnd | * | * | * | | | 0 | | no | 1.69 | - |
| | TCB 292 | 18.34 | * | no | | | | | | | | |
| 58 PCB 56 | 290 | 18.68 | 2277 | 0.68 | 5616 | 0.003178 | | 0 | 48 | no | 1.654 | - |
| | TCB 292 | 18.68 | 3338 | yes | | | | | 26 | | | |
| 59 PCB 60 | 290 | 18.85 | 1471 | 0.61 | 3902 | 0.002213 | | 0 | 32 | no | 1.65 | - |
| | TCB 292 | 18.84 | 2430 | no | | | | | 21 | | | |
| 60 PCB 80 | 290 | NotFnd | * | * | * | | | 0 | | no | 2.158 | - |
| | TCB 292 | 19.09 | * | no | | | | | | | | |
| 61 PCB 79 | 290 | NotFnd | * | * | * | | | 0 | | no | 2.095 | - |
| | TCB 292 | 20.23 | * | no | | | | | | | | |
| 62 PCB 78 | 290 | NotFnd | * | * | * | | | 0 | | no | 1.857 | - |
| | TCB 292 | 20.67 | * | no | | | | | | | | |
| 63 PCB 81 | 290 | 21.00 | 70365 | 0.75 | 163919 | 0.105699 | | 0 | 1362 | no | 1.167 | - |
| | TCB 292 | 20.98 | 93554 | yes | | | | | 682 | | | |
| 64 PCB 77 | 290 | 21.44 | 69187 | 0.76 | 160675 | 0.105226 | | 0 | 1305 | no | 1.216 | - |
| | TCB 292 | 21.45 | 91488 | yes | | | | | 660 | | | |
| 65 PCB 104 | 326 | 15.65 | 41211 | 1.59 | 67200 | 0.090669 | | 0 | 2851 | no | 1.188 | - |
| | PeCB 328 | 15.65 | 25989 | yes | | | | | 1607 | | | |
| 66 PCB 96 | 326 | NotFnd | * | * | * | | | 0 | | no | 0.682 | - |
| | PeCB 328 | 15.87 | * | no | | | | | | | | |
| 67 PCB 103 | 326 | NotFnd | * | * | * | | | 0 | | no | 0.759 | - |
| | PeCB 328 | 17.01 | * | no | | | | | | | | |
| 68 PCB 94 | 326 | NotFnd | * | * | * | | | 0.001 | | no | 0.555 | - |
| | PeCB 328 | 17.15 | * | no | | | | | | | | |
| 69 PCB 95 | 326 | 17.44 | 18802 | 1.54 | 31013 | 0.039693 | | 0.001 | 541 | no | 0.687 | - |
| | PeCB 328 | 17.45 | 12211 | yes | | | | | 174 | | | |
| 70 PCB 100/93/102/98 | 326 | NotFnd | * | * | * | | | 0.001 | | no | 0.623 | - |
| | PeCB 328 | 17.59 | * | no | | | | | | | | |
| 71 PCB 88/91 | 326 | NotFnd | * | * | * | | | 0.001 | | no | 0.627 | - |
| | PeCB 328 | 17.98 | * | no | | | | | | | | |
| 72 PCB 84 | 326 | 18.15 | 2455 | 1.96 | 3707 | 0.005943 | | 0.001 | 66 | no | 0.548 | - |
| | PeCB 328 | 18.15 | 1252 | no | | | | | 19 | | | |
| 73 PCB 89 | 326 | NotFnd | * | * | * | | | 0.001 | | no | 0.604 | - |
| | PeCB 328 | 18.48 | * | no | | | | | | | | |
| 74 PCB 121 | 326 | NotFnd | * | * | * | | | 0 | | no | 0.81 | - |
| | PeCB 328 | 18.73 | * | no | | | | | | | | |
| 75 PCB 92 | 326 | 18.99 | 7108 | 1.47 | 11938 | 0.016419 | | 0.001 | 191 | no | 0.639 | - |
| | PeCB 328 | 18.99 | 4829 | yes | | | | | 70 | | | |
| 76 PCB 113/90/101 | 326 | 19.42 | 40523 | 1.49 | 67785 | 0.083172 | | 0 | 1075 | no | 0.716 | - |
| | PeCB 328 | 19.40 | 27263 | yes | | | | | 358 | | | |
| 77 PCB 83/99 | 326 | 19.84 | 29683 | 1.53 | 49119 | 0.074333 | | 0.001 | 742 | no | 0.581 | - |
| | PeCB 328 | 19.84 | 19436 | yes | | | | | 248 | | | |
| 78 PCB 112 | 326 | NotFnd | * | * | * | | | 0 | | no | 0.863 | - |
| | PeCB 328 | 19.95 | * | no | | | | | | | | |
| 79 PCB 109/119/86/97/125/ | 326 | 20.23 | 11399 | 1.85 | 17557 | 0.021621 | | 0 | 236 | no | 0.714 | - |
| | PeCB 328 | 20.23 | 6158 | no | | | | | 67 | | | |
| 80 PCB 117/118/85 | 326 | 20.78 | 6344 | 1.5 | 10570 | 0.01194 | | 0 | 135 | no | 0.778 | - |
| | PeCB 328 | 20.81 | 4226 | yes | | | | | 48 | | | |
| 81 PCB 110/115 | 326 | 20.90 | 20738 | 1.53 | 34255 | 0.043401 | | 0 | 528 | no | 0.694 | - |
| | PeCB 328 | 20.92 | 13517 | yes | | | | | 174 | | | |
| 82 PCB 82 | 326 | NotFnd | * | * | * | | | 0.001 | | no | 0.542 | - |
| | PeCB 328 | 21.17 | * | no | | | | | | | | |
| 83 PCB 111 | 326 | NotFnd | * | * | * | | | 0 | | no | 0.772 | - |
| | PeCB 328 | 21.45 | * | no | | | | | | | | |
| 84 PCB 120 | 326 | NotFnd | * | * | * | | | 0 | | no | 0.877 | - |
| | PeCB 328 | 21.82 | * | no | | | | | | | | |
| 85 PCB 108/124 | 326 | 22.76 | 2062 | 1.83 | 3186 | 0.001882 | | 0 | 14 | no | 1.488 | - |
| | PeCB 328 | 22.73 | 1124 | no | | | | | 16 | | | |
| 86 PCB 107 | 326 | NotFnd | * | * | * | | | 0 | | no | 1.663 | - |
| | PeCB 328 | 22.94 | * | no | | | | | | | | |

Filename M2161205B05

Acquired 12/05/2016 22:59

Call File m2161205B_209

Sample ID MATSPK%

Comments

Instrument File Ultima 3

Sample Size 10.05

Dil Fac 1.00

| Name | mass | RT | Area | ratio | Tot Area | UNIT? | Code | DL | S/N | Mod | rrf | Rec |
|---------------------|----------|--------|--------|-------|----------|----------|------|-------|------|-----|-------|-----|
| 87 PCB 123 | 326 | 23.07 | 86801 | 1.49 | 145204 | 0.113872 | | 0.001 | 528 | no | 0.947 | - |
| | PeCB 328 | 23.05 | 58402 | yes | * | * | | | 718 | | | |
| 88 PCB 106 | 326 | NotFnd | * | * | * | * | | 0 | | no | 1.465 | - |
| | PeCB 328 | 23.17 | * | no | | | | | | | | |
| 89 PCB 118 | 326 | 23.34 | 134000 | 1.54 | 220893 | 0.163401 | | 0.001 | 834 | no | 1.042 | - |
| | PeCB 328 | 23.37 | 86894 | yes | * | * | | | 1172 | | | |
| 90 PCB 122 | 326 | NotFnd | * | * | * | * | | 0 | | no | 1.418 | - |
| | PeCB 328 | 23.65 | * | no | | | | | | | | |
| 91 PCB 114 | 326 | 23.81 | 81991 | 1.45 | 138404 | 0.106316 | | 0.001 | 507 | no | 1.076 | - |
| | PeCB 328 | 23.82 | 56414 | yes | | | | | 732 | | | |
| 92 PCB 105 | 326 | 24.36 | 97024 | 1.56 | 159047 | 0.12604 | | 0.001 | 569 | no | 1.04 | - |
| | PeCB 328 | 24.39 | 62023 | yes | * | * | | | 766 | | | |
| 93 PCB 127 | 326 | NotFnd | * | * | * | * | | 0 | | no | 1.583 | - |
| | PeCB 328 | 25.66 | * | no | | | | | | | | |
| 94 PCB 126 | 326 | 27.19 | 68062 | 1.55 | 111846 | 0.110001 | | 0.001 | 382 | no | 1.037 | - |
| | PeCB 328 | 27.18 | 43784 | yes | | | | | 538 | | | |
| 95 PCB 155 | 360 | 19.26 | 38969 | 1.25 | 70051 | 0.089252 | | 0 | 2140 | no | 1.079 | - |
| | HxCB 362 | 19.26 | 31082 | yes | * | * | | | 600 | | | |
| 96 PCB 162 | 360 | NotFnd | * | * | * | * | | 0 | | no | 0.686 | - |
| | HxCB 362 | 19.42 | * | no | | | | | | | | |
| 97 PCB 150 | 360 | NotFnd | * | * | * | * | | 0.001 | | no | 0.606 | - |
| | HxCB 362 | 19.53 | * | no | | | | | | | | |
| 98 PCB 136 | 360 | 19.81 | 2878 | 1.35 | 5007 | 0.009232 | | 0 | 157 | no | 0.659 | - |
| | HxCB 362 | 19.80 | 2128 | yes | * | * | | | 38 | | | |
| 99 PCB 145 | 360 | NotFnd | * | * | * | * | | 0.001 | | no | 0.57 | - |
| | HxCB 362 | 20.03 | * | no | | | | | | | | |
| 100 PCB 148 | 360 | NotFnd | * | * | * | * | | 0.001 | | no | 0.491 | - |
| | HxCB 362 | 21.13 | * | no | | | | | | | | |
| 101 PCB 151/135 | 360 | 21.61 | 8822 | 1.27 | 15772 | 0.043348 | | 0.001 | 360 | no | 0.442 | - |
| | HxCB 362 | 21.63 | 6950 | yes | | | | | 104 | | | |
| 102 PCB 154 | 360 | 21.82 | 1253 | 1.15 | 2341 | 0.005393 | | 0.001 | 65 | no | 0.528 | - |
| | HxCB 362 | 21.82 | 1088 | yes | * | * | | | 20 | | | |
| 103 PCB 144 | 360 | NotFnd | * | * | * | * | | 0.001 | | no | 0.469 | - |
| | HxCB 362 | 22.05 | * | no | | | | | | | | |
| 104 PCB 147/149 | 360 | NotFnd | * | * | * | * | | 0.001 | | no | 0.665 | - |
| | HxCB 362 | 22.36 | * | no | | | | | | | | |
| 105 PCB 134/143 | 360 | NotFnd | * | * | * | * | | 0.001 | | no | 0.593 | - |
| | HxCB 362 | 22.61 | * | no | | | | | | | | |
| 106 PCB 139/140 | 360 | NotFnd | * | * | * | * | | 0.001 | | no | 0.666 | - |
| | HxCB 362 | 22.88 | * | no | | | | | | | | |
| 107 PCB 131 | 360 | NotFnd | * | * | * | * | | 0.001 | | no | 0.54 | - |
| | HxCB 362 | 23.06 | * | no | | | | | | | | |
| 108 PCB 142 | 360 | NotFnd | * | * | * | * | | 0.001 | | no | 0.603 | - |
| | HxCB 362 | 23.19 | * | no | | | | | | | | |
| 109 PCB 132 | 360 | 23.42 | 2184 | 1.12 | 4126 | 0.00949 | | 0.001 | 21 | no | 0.528 | - |
| | HxCB 362 | 23.44 | 1942 | yes | | | | | 43 | | | |
| 110 PCB 133 | 360 | 23.83 | 1366 | 1.19 | 2517 | 0.004865 | | 0.001 | 10 | no | 0.629 | - |
| | HxCB 362 | 23.84 | 1151 | yes | * | * | | | 20 | | | |
| 111 PCB 165 | 360 | NotFnd | * | * | * | * | | 0.001 | | no | 0.736 | - |
| | HxCB 362 | 24.17 | * | no | | | | | | | | |
| 112 PCB 146 | 360 | 24.41 | 10509 | 1.26 | 18818 | 0.031975 | | 0.001 | 91 | no | 0.715 | - |
| | HxCB 362 | 24.40 | 8309 | yes | * | * | | | 186 | | | |
| 113 PCB 161 | 360 | NotFnd | * | * | * | * | | 0.001 | | no | 0.864 | - |
| | HxCB 362 | 24.52 | * | no | | | | | | | | |
| 114 PCB 153/168 | 360 | 24.97 | 63918 | 1.25 | 115101 | 0.178652 | | 0.001 | 588 | no | 0.783 | - |
| | HxCB 362 | 24.98 | 51184 | yes | * | * | | | 1183 | | | |
| 115 PCB 141 | 360 | NotFnd | * | * | * | * | | 0.001 | | no | 0.648 | - |
| | HxCB 362 | 25.12 | * | no | | | | | | | | |
| 116 PCB 130 | 360 | 25.51 | 2167 | 1.55 | 3568 | 0.007466 | | 0.001 | 19 | no | 0.581 | - |
| | HxCB 362 | 25.50 | 1401 | no | * | * | | | 32 | | | |
| 117 PCB 137 | 360 | NotFnd | * | * | * | * | | 0.001 | | no | 0.577 | - |
| | HxCB 362 | 25.70 | * | no | | | | | | | | |
| 118 PCB 164 | 360 | NotFnd | * | * | * | * | | 0.001 | | no | 0.796 | - |
| | HxCB 362 | 25.82 | * | no | | | | | | | | |
| 119 PCB 138/163/129 | 360 | 26.10 | 39593 | 1.31 | 69807 | 0.129124 | | 0.001 | 361 | no | 0.657 | - |
| | HxCB 362 | 26.11 | 30214 | yes | * | * | | | 676 | | | |
| 120 PCB 160 | 360 | NotFnd | * | * | * | * | | 0.001 | | no | 0.695 | - |
| | HxCB 362 | 26.28 | * | no | | | | | | | | |
| 121 PCB 158 | 360 | 26.48 | 3157 | 1.4 | 5406 | 0.007531 | | 0.001 | 26 | no | 0.872 | - |
| | HxCB 362 | 26.46 | 2249 | yes | * | * | | | 46 | | | |
| 122 PCB 128/166 | 360 | 27.29 | 5069 | 1.11 | 9654 | 0.016772 | | 0.001 | 32 | no | 0.7 | - |
| | HxCB 362 | 27.27 | 4585 | yes | * | * | | | 67 | | | |
| 123 PCB 159 | 360 | NotFnd | * | * | * | * | | 0 | | no | 1.501 | - |
| | HxCB 362 | 28.25 | * | no | | | | | | | | |
| 124 PCB 162 | 360 | NotFnd | * | * | * | * | | 0 | | no | 1.338 | - |
| | HxCB 362 | 28.52 | * | no | | | | | | | | |
| 125 PCB 167 | 360 | 29.00 | 62222 | 1.15 | 116517 | 0.114501 | | 0 | 1072 | no | 0.951 | - |
| | HxCB 362 | 29.01 | 54295 | yes | | | | | 1190 | | | |
| 126 PCB 156/157 | 360 | 30.15 | 118726 | 1.23 | 215183 | 0.221808 | | 0 | 1632 | no | 1.036 | - |
| | HxCB 362 | 30.16 | 96456 | yes | * | * | | | 1659 | | | |
| 127 PCB 169 | 360 | 33.53 | 32141 | 1.23 | 58314 | 0.10755 | | 0.001 | 509 | no | 0.973 | - |
| | HxCB 362 | 33.53 | 26173 | yes | | | | | 523 | | | |
| 128 PCB 188 | 394 | 23.78 | 35468 | 1.06 | 68969 | 0.094597 | | 0 | 1253 | no | 1.053 | - |
| | HxCB 396 | 23.78 | 33501 | yes | * | * | | | 2658 | | | |
| 129 PCB 179 | 394 | 24.07 | 2441 | 1.07 | 4715 | 0.008683 | | 0 | 86 | no | 0.98 | - |
| | HxCB 396 | 24.07 | 2273 | yes | * | * | | | 162 | | | |

MIGN USE
B-12016/2/14

Sample ID **MATSPK%**
 Comments
 Instrument File Ultima 3
 Sample Size 10.05 DIL Fac 1.00

| Name | mass | RT | Area | ratio | Tot Area | ng/g | Code | Isomers | DL | S/N | Mod no | rrf | Rec |
|--------------|-----------|--------|----------|-------|----------|----------|--------------------|---------|----------|------|--------|-------|-----|
| 1 PCB 1 | 188 | 8.84 | 100881 | 3.38 | 130757 | 0.106664 | PCB 1 % Rec = 107 | | -0.00054 | 507 | | 1.296 | - |
| | MoCB 190 | 8.83 | 29876 | yes | | | | | | 465 | | | |
| 2 PCB 2 | 188 | NotFnd | * | * | * | -0.00041 | | | -0.00041 | * | no | 1.697 | - |
| | MoCB 190 | 9.94 | * | no | | | | | | * | | | |
| 3 PCB 3 | 188 | 10.03 | 108756 | 3.13 | 143502.3 | 0.108691 | PCB 3 % Rec = 109 | | -0.00054 | 582 | xL | 1.276 | - |
| | MoCB 190 | 10.02 | 34746.33 | OK | | | | | | 706 | | | |
| 4 PCB 4 | 222 | 10.14 | 28497 | 1.6 | 46293 | 0.092756 | PCB 4 % Rec = 93 | | -0.01385 | 205 | no | 1.186 | - |
| | DICB 224 | 10.14 | 17796 | yes | | | | | | 7 | | | |
| 5 PCB 10 | 222 | NotFnd | * | * | * | -0.0164 | | | -0.0164 | * | no | 1.002 | - |
| | DICB 224 | 10.23 | * | no | | | | | | * | | | |
| 6 PCB 9 | 222 | NotFnd | * | * | * | -0.00316 | | | -0.00316 | * | no | 2.318 | - |
| | DICB 224 | 11.04 | * | no | | | | | | * | | | |
| 7 PCB 7 | 222 | NotFnd | * | * | * | -0.00364 | | | -0.00364 | * | no | 2.015 | - |
| | DICB 224 | 11.12 | * | no | | | | | | * | | | |
| 8 PCB 6 | 222 | NotFnd | * | * | * | -0.00322 | | | -0.00322 | * | no | 2.278 | - |
| | DICB 224 | 11.22 | * | no | | | | | | * | | | |
| 9 PCB 5 | 222 | NotFnd | * | * | * | -0.00411 | | | -0.00411 | * | no | 1.783 | - |
| | DICB 224 | 11.33 | * | no | | | | | | * | | | |
| 10 PCB 8 | 222 | NotFnd | * | * | * | -0.00304 | | | -0.00304 | * | no | 2.416 | - |
| | DICB 224 | 11.39 | * | no | | | | | | * | | | |
| 11 PCB 14 | 222 | NotFnd | * | * | * | -0.00321 | | | -0.00321 | * | no | 2.288 | - |
| | DICB 224 | 12.08 | * | no | | | | | | * | | | |
| 12 PCB 11 | 222 | NotFnd | * | * | * | -0.00337 | | | -0.00337 | * | no | 2.176 | - |
| | DICB 224 | 12.45 | * | no | | | | | | * | | | |
| 13 PCB 13/12 | 222 | NotFnd | * | * | * | -0.00371 | | | -0.00371 | * | no | 1.978 | - |
| | DICB 224 | 12.59 | * | no | | | | | | * | | | |
| 14 PCB 15 | 222 | 12.73 | 127744 | 1.48 | 214223 | 0.110206 | PCB 15 % Rec = 111 | | -0.00704 | 1185 | no | 1.042 | - |
| | DICB 224 | 12.73 | 86479 | yes | | | | | | 52 | | | |
| 15 PCB 19 | 256 | 11.51 | 30188 | 1.04 | 59065 | 0.086878 | PCB 19 % Rec = 87 | | -0.00161 | 363 | no | 1.156 | - |
| | TriCB 258 | 11.49 | 28877 | yes | | | | | | 353 | | | |
| 16 PCB 30/18 | 256 | NotFnd | * | * | * | -0.00215 | | | -0.00215 | * | no | 0.864 | - |
| | TriCB 258 | 12.30 | * | no | | | | | | * | | | |
| 17 PCB 17 | 256 | NotFnd | * | * | * | -0.00269 | | | -0.00269 | * | no | 0.691 | - |
| | TriCB 258 | 12.48 | * | no | | | | | | * | | | |
| 18 PCB 27 | 256 | NotFnd | * | * | * | -0.00185 | | | -0.00185 | * | no | 1.006 | - |
| | TriCB 258 | 12.60 | * | no | | | | | | * | | | |
| 19 PCB 24 | 256 | NotFnd | * | * | * | -0.00232 | | | -0.00232 | * | no | 0.802 | - |
| | TriCB 258 | 12.65 | * | no | | | | | | * | | | |
| 20 PCB 16 | 256 | NotFnd | * | * | * | -0.00303 | | | -0.00303 | * | no | 0.614 | - |
| | TriCB 258 | 12.71 | * | no | | | | | | * | | | |
| 21 PCB 32 | 256 | NotFnd | * | * | * | -0.00169 | | | -0.00169 | * | no | 1.1 | - |
| | TriCB 258 | 12.93 | * | no | | | | | | * | | | |
| 22 PCB 34 | 256 | 13.51 | 103025 | 0.99 | 207502 | 0.079296 | PCB 34 % Rec = 80 | | -0.00028 | 1030 | no | 2.11 | - |
| | TriCB 258 | 13.52 | 104477 | yes | | | | | | 1089 | | | |
| 23 PCB 23 | 256 | 13.60 | 101983 | 1.02 | 202023 | 0.087397 | PCB 23 % Rec = 88 | | -0.00032 | 1073 | no | 1.864 | - |
| | TriCB 258 | 13.61 | 100039 | yes | | | | | | 1107 | | | |
| 24 PCB 26/29 | 256 | NotFnd | * | * | * | -0.00028 | | | -0.00028 | * | no | 2.13 | - |
| | TriCB 258 | 13.76 | * | no | | | | | | * | | | |
| 25 PCB 25 | 256 | NotFnd | * | * | * | -0.00028 | | | -0.00028 | * | no | 2.103 | - |
| | TriCB 258 | 13.85 | * | no | | | | | | * | | | |
| 26 PCB 31 | 256 | NotFnd | * | * | * | -0.00027 | | | -0.00027 | * | no | 2.202 | - |
| | TriCB 258 | 14.02 | * | no | | | | | | * | | | |
| 27 PCB 28/20 | 256 | NotFnd | * | * | * | -0.0003 | | | -0.0003 | * | no | 1.971 | - |
| | TriCB 258 | 14.18 | * | no | | | | | | * | | | |
| 28 PCB 21/33 | 256 | NotFnd | * | * | * | -0.0003 | | | -0.0003 | * | no | 2.008 | - |
| | TriCB 258 | 14.28 | * | no | | | | | | * | | | |
| 29 PCB 22 | 256 | NotFnd | * | * | * | -0.00034 | | | -0.00034 | * | no | 1.758 | - |
| | TriCB 258 | 14.47 | * | no | | | | | | * | | | |
| 30 PCB 36 | 256 | NotFnd | * | * | * | -0.00026 | | | -0.00026 | * | no | 2.334 | - |
| | TriCB 258 | 15.31 | * | no | | | | | | * | | | |
| 31 PCB 39 | 256 | NotFnd | * | * | * | -0.00031 | | | -0.00031 | * | no | 1.922 | - |
| | TriCB 258 | 15.52 | * | no | | | | | | * | | | |
| 32 PCB 38 | 256 | NotFnd | * | * | * | -0.0003 | | | -0.0003 | * | no | 1.971 | - |
| | TriCB 258 | 15.88 | * | no | | | | | | * | | | |
| 33 PCB 35 | 256 | NotFnd | * | * | * | -0.0003 | | | -0.0003 | * | no | 2.017 | - |
| | TriCB 258 | 16.14 | * | no | | | | | | * | | | |
| 34 PCB 37 | 256 | 16.37 | 100192 | 0.99 | 201501 | 0.108075 | PCB 37 % Rec = 107 | | -0.00061 | 830 | no | 0.985 | - |
| | TriCB 258 | 16.39 | 101308 | yes | | | | | | 897 | | | |
| 35 PCB 54 | 290 | 12.87 | 24435 | 0.76 | 56614 | 0.089414 | PCB 54 % Rec = 90 | | -0.00317 | 75 | no | 1.02 | - |
| | TCB 292 | 12.88 | 32179 | yes | | | | | | 75 | | | |
| 36 PCB 53/50 | 290 | NotFnd | * | * | * | -0.00144 | | | -0.00144 | * | no | 0.872 | - |
| | TCB 292 | 13.89 | * | no | | | | | | * | | | |
| 37 PCB 45/51 | 290 | NotFnd | * | * | * | -0.00152 | | | -0.00152 | * | no | 0.826 | - |
| | TCB 292 | 14.24 | * | no | | | | | | * | | | |
| 38 PCB 46 | 290 | NotFnd | * | * | * | -0.00173 | | | -0.00173 | * | no | 0.727 | - |
| | TCB 292 | 14.39 | * | no | | | | | | * | | | |
| 39 PCB 52 | 290 | NotFnd | * | * | * | -0.00139 | | | -0.00139 | * | no | 0.905 | - |
| | TCB 292 | 15.10 | * | no | | | | | | * | | | |
| 40 PCB 73 | 290 | NotFnd | * | * | * | -0.00112 | | | -0.00112 | * | no | 1.116 | - |
| | TCB 292 | 15.18 | * | no | | | | | | * | | | |
| 41 PCB 43 | 290 | NotFnd | * | * | * | -0.00234 | | | -0.00234 | * | no | 0.537 | - |
| | TCB 292 | 15.25 | * | no | | | | | | * | | | |
| 42 PCB 69/49 | 290 | NotFnd | * | * | * | -0.00129 | | | -0.00129 | * | no | 0.976 | - |
| | TCB 292 | 15.37 | * | no | | | | | | * | | | |

| | | | | | | | | | | | | |
|------------------------------|----------|--------|--------|------|--------|----------|---------------------|----------|-----|-------|-------|---|
| 43 PCB 48 | 290 | NotFnd | * | * | * | -0.00164 | -0.00164 | * | no | 0.765 | - | |
| | TCB 292 | 15.55 | * | no | * | | | * | | | | |
| 44 PCB 44/47/65 | 290 | NotFnd | * | * | * | -0.00142 | -0.00142 | * | no | 0.883 | - | |
| | TCB 292 | 15.70 | * | no | * | | | * | | | | |
| 45 PCB 59/62/75 | 290 | NotFnd | * | * | * | -0.00114 | -0.00114 | * | no | 1.105 | - | |
| | TCB 292 | 15.87 | * | no | * | | | * | | | | |
| 46 PCB 42 | 290 | NotFnd | * | * | * | -0.00175 | -0.00175 | * | no | 0.717 | - | |
| | TCB 292 | 15.98 | * | no | * | | | * | | | | |
| 47 PCB 40/41/71 | 290 | NotFnd | * | * | * | -0.00156 | -0.00156 | * | no | 0.803 | - | |
| | TCB 292 | 16.27 | * | no | * | | | * | | | | |
| 48 PCB 64 | 290 | NotFnd | * | * | * | -0.00121 | -0.00121 | * | no | 1.034 | - | |
| | TCB 292 | 16.41 | * | no | * | | | * | | | | |
| 49 PCB 72 | 290 | NotFnd | * | * | * | -0.00075 | -0.00075 | * | no | 2.019 | - | |
| | TCB 292 | 16.89 | * | no | * | | | * | | | | |
| 50 PCB 68 | 290 | NotFnd | * | * | * | -0.0008 | -0.0008 | * | no | 1.893 | - | |
| | TCB 292 | 17.06 | * | no | * | | | * | | | | |
| 51 PCB 57 | 290 | NotFnd | * | * | * | -0.00077 | -0.00077 | * | no | 1.963 | - | |
| | TCB 292 | 17.35 | * | no | * | | | * | | | | |
| 52 PCB 58 | 290 | NotFnd | * | * | * | -0.00086 | -0.00086 | * | no | 1.762 | - | |
| | TCB 292 | 17.50 | * | no | * | | | * | | | | |
| 53 PCB 67 | 290 | NotFnd | * | * | * | -0.00072 | -0.00072 | * | no | 2.107 | - | |
| | TCB 292 | 17.80 | * | no | * | | | * | | | | |
| 54 PCB 63 | 290 | NotFnd | * | * | * | -0.00075 | -0.00075 | * | no | 2.019 | - | |
| | TCB 292 | 17.77 | * | no | * | | | * | | | | |
| 55 PCB 61/70/74/76 | 290 | NotFnd | * | * | * | -0.00083 | -0.00083 | * | no | 1.816 | - | |
| | TCB 292 | 18.00 | * | no | * | | | * | | | | |
| 56 PCB 66 | 290 | NotFnd | * | * | * | -0.00075 | -0.00075 | * | no | 2.026 | - | |
| | TCB 292 | 18.21 | * | no | * | | | * | | | | |
| 57 PCB 55 | 290 | NotFnd | * | * | * | -0.0009 | -0.0009 | * | no | 1.69 | - | |
| | TCB 292 | 18.34 | * | no | * | | | * | | | | |
| 58 PCB 56 | 290 | NotFnd | * | * | * | -0.00092 | -0.00092 | * | no | 1.654 | - | |
| | TCB 292 | 18.67 | * | no | * | | | * | | | | |
| 59 PCB 60 | 290 | NotFnd | * | * | * | -0.00092 | -0.00092 | * | no | 1.65 | - | |
| | TCB 292 | 18.84 | * | no | * | | | * | | | | |
| 60 PCB 80 | 290 | NotFnd | * | * | * | -0.0007 | -0.0007 | * | no | 2.158 | - | |
| | TCB 292 | 19.09 | * | no | * | | | * | | | | |
| 61 PCB 79 | 290 | NotFnd | * | * | * | -0.00072 | -0.00072 | * | no | 2.095 | - | |
| | TCB 292 | 20.23 | * | no | * | | | * | | | | |
| 62 PCB 78 | 290 | NotFnd | * | * | * | -0.00082 | -0.00082 | * | no | 1.857 | - | |
| | TCB 292 | 20.67 | * | no | * | | | * | | | | |
| 63 PCB 81 | 290 | 21.00 | 70365 | 0.75 | 163919 | 0.105699 | PCB 81 % Rec = 106 | -0.0013 | 249 | no | 1.167 | - |
| | TCB 292 | 20.98 | 93554 | yes | | | | | 253 | | | |
| 64 PCB 77 | 290 | 21.44 | 69187 | 0.76 | 160675 | 0.105226 | PCB 77 % Rec = 104 | -0.00125 | 239 | no | 1.216 | - |
| | TCB 292 | 21.45 | 91488 | yes | | | | | 245 | | | |
| 65 PCB 104 | 326 | 15.65 | 41211 | 1.59 | 67200 | 0.090669 | PCB 104 % Rec = 91 | -0.00121 | 193 | no | 1.188 | - |
| | PeCB 328 | 15.65 | 25989 | yes | | | | | 186 | | | |
| 66 PCB 96 | 326 | NotFnd | * | * | * | -0.00211 | -0.00211 | * | no | 0.682 | - | |
| | PeCB 328 | 15.87 | * | no | * | | | * | | | | |
| 67 PCB 103 | 326 | NotFnd | * | * | * | -0.0009 | -0.0009 | * | no | 0.759 | - | |
| | PeCB 328 | 17.01 | * | no | * | | | * | | | | |
| 68 PCB 94 | 326 | NotFnd | * | * | * | -0.00123 | -0.00123 | * | no | 0.555 | - | |
| | PeCB 328 | 17.15 | * | no | * | | | * | | | | |
| 69 PCB 95 | 326 | NotFnd | * | * | * | -0.001 | -0.001 | * | no | 0.687 | - | |
| | PeCB 328 | 17.44 | * | no | * | | | * | | | | |
| 70 PCB 100/93/102/98 | 326 | NotFnd | * | * | * | -0.0011 | -0.0011 | * | no | 0.623 | - | |
| | PeCB 328 | 17.59 | * | no | * | | | * | | | | |
| 71 PCB 88/91 | 326 | NotFnd | * | * | * | -0.00109 | -0.00109 | * | no | 0.627 | - | |
| | PeCB 328 | 17.98 | * | no | * | | | * | | | | |
| 72 PCB 84 | 326 | NotFnd | * | * | * | -0.00125 | -0.00125 | * | no | 0.548 | - | |
| | PeCB 328 | 18.15 | * | no | * | | | * | | | | |
| 73 PCB 89 | 326 | NotFnd | * | * | * | -0.00113 | -0.00113 | * | no | 0.604 | - | |
| | PeCB 328 | 18.48 | * | no | * | | | * | | | | |
| 74 PCB 121 | 326 | NotFnd | * | * | * | -0.00085 | -0.00085 | * | no | 0.81 | - | |
| | PeCB 328 | 18.73 | * | no | * | | | * | | | | |
| 75 PCB 92 | 326 | NotFnd | * | * | * | -0.00107 | -0.00107 | * | no | 0.639 | - | |
| | PeCB 328 | 18.99 | * | no | * | | | * | | | | |
| 76 PCB 113/90/101 | 326 | NotFnd | * | * | * | -0.00096 | -0.00096 | * | no | 0.716 | - | |
| | PeCB 328 | 19.40 | * | no | * | | | * | | | | |
| 77 PCB 83/99 | 326 | NotFnd | * | * | * | -0.00118 | -0.00118 | * | no | 0.581 | - | |
| | PeCB 328 | 19.84 | * | no | * | | | * | | | | |
| 78 PCB 112 | 326 | NotFnd | * | * | * | -0.00079 | -0.00079 | * | no | 0.863 | - | |
| | PeCB 328 | 19.95 | * | no | * | | | * | | | | |
| 79 PCB 109/119/86/97/125/326 | 326 | NotFnd | * | * | * | -0.00096 | -0.00096 | * | no | 0.714 | - | |
| | PeCB 328 | 20.23 | * | no | * | | | * | | | | |
| 80 PCB 117/116/85 | 326 | NotFnd | * | * | * | -0.00088 | -0.00088 | * | no | 0.778 | - | |
| | PeCB 328 | 20.81 | * | no | * | | | * | | | | |
| 81 PCB 110/115 | 326 | NotFnd | * | * | * | -0.00099 | -0.00099 | * | no | 0.694 | - | |
| | PeCB 328 | 20.92 | * | no | * | | | * | | | | |
| 82 PCB 82 | 326 | NotFnd | * | * | * | -0.00126 | -0.00126 | * | no | 0.542 | - | |
| | PeCB 328 | 21.17 | * | no | * | | | * | | | | |
| 83 PCB 111 | 326 | NotFnd | * | * | * | -0.00089 | -0.00089 | * | no | 0.772 | - | |
| | PeCB 328 | 21.45 | * | no | * | | | * | | | | |
| 84 PCB 120 | 326 | NotFnd | * | * | * | -0.00078 | -0.00078 | * | no | 0.877 | - | |
| | PeCB 328 | 21.82 | * | no | * | | | * | | | | |
| 85 PCB 108/124 | 326 | NotFnd | * | * | * | -0.00115 | -0.00115 | * | no | 1.488 | - | |
| | PeCB 328 | 22.73 | * | no | * | | | * | | | | |
| 86 PCB 107 | 326 | NotFnd | * | * | * | -0.00103 | -0.00103 | * | no | 1.663 | - | |
| | PeCB 328 | 22.94 | * | no | * | | | * | | | | |
| 87 PCB 123 | 326 | 23.07 | 86801 | 1.52 | 143967 | 0.112903 | PCB 123 % Rec = 113 | -0.0018 | 189 | no | 0.947 | - |
| | PeCB 328 | 23.05 | 57166 | yes | | | | | 187 | | | |
| 88 PCB 106 | 326 | NotFnd | * | * | * | -0.00117 | -0.00117 | * | no | 1.465 | - | |
| | PeCB 328 | 23.17 | * | no | * | | | * | | | | |
| 89 PCB 118 | 326 | 23.34 | 134000 | 1.54 | 220893 | 0.163401 | PCB 118 % Rec = 108 | -0.00164 | 299 | no | 1.042 | - |
| | PeCB 328 | 23.37 | 86894 | yes | | | | | 305 | | | |

| | | | | | | | | | | | | | |
|---------------------|----------|--------|--------|------|--------|----------|-------------------------|--|----------|-----|----|-------|---|
| 90 PCB 122 | 326 | NotFnd | * | * | * | -0.0012 | | | -0.0012 | * | no | 1.418 | - |
| | PeCB 328 | 23.85 | * | no | | | | | | * | | | |
| 91 PCB 114 | 326 | 23.81 | 81991 | 1.45 | 138404 | 0.106316 | PCB 114 % Rec = 107 | | -0.00159 | 182 | no | 1.076 | - |
| | PeCB 328 | 23.82 | 56414 | yes | | | | | | 191 | | | |
| 92 PCB 105 | 326 | 24.35 | 97024 | 1.56 | 159047 | 0.12604 | PCB 105 % Rec = 111 | | -0.00164 | 204 | no | 1.04 | - |
| | PeCB 328 | 24.39 | 62023 | yes | | | | | | 199 | | | |
| 93 PCB 127 | 326 | NotFnd | * | * | * | -0.00108 | | | -0.00108 | * | no | 1.583 | - |
| | PeCB 328 | 25.66 | * | no | | | | | | * | | | |
| 94 PCB 126 | 326 | 27.19 | 68062 | 1.55 | 111846 | 0.110001 | PCB 126 % Rec = 111 | | -0.00165 | 137 | no | 1.037 | - |
| | PeCB 328 | 27.18 | 43784 | yes | | | | | | 140 | | | |
| 95 PCB 155 | 360 | 19.26 | 38969 | 1.25 | 70051 | 0.089252 | PCB 155 % Rec = 90 | | -0.0015 | 148 | no | 1.079 | - |
| | HxCB 362 | 19.26 | 31082 | yes | | | | | | 147 | | | |
| 96 PCB 152 | 360 | NotFnd | * | * | * | -0.00236 | | | -0.00236 | * | no | 0.686 | - |
| | HxCB 362 | 19.42 | * | no | | | | | | * | | | |
| 97 PCB 150 | 360 | NotFnd | * | * | * | -0.00267 | | | -0.00267 | * | no | 0.606 | - |
| | HxCB 362 | 19.53 | * | no | | | | | | * | | | |
| 98 PCB 136 | 360 | NotFnd | * | * | * | -0.00246 | | | -0.00246 | * | no | 0.659 | - |
| | HxCB 362 | 19.80 | * | no | | | | | | * | | | |
| 99 PCB 145 | 360 | NotFnd | * | * | * | -0.00284 | | | -0.00284 | * | no | 0.57 | - |
| | HxCB 362 | 20.03 | * | no | | | | | | * | | | |
| 100 PCB 148 | 360 | NotFnd | * | * | * | -0.0033 | | | -0.0033 | * | no | 0.491 | - |
| | HxCB 362 | 21.13 | * | no | | | | | | * | | | |
| 101 PCB 151/135 | 360 | NotFnd | * | * | * | -0.00366 | | | -0.00366 | * | no | 0.442 | - |
| | HxCB 362 | 21.63 | * | no | | | | | | * | | | |
| 102 PCB 154 | 360 | NotFnd | * | * | * | -0.00307 | | | -0.00307 | * | no | 0.528 | - |
| | HxCB 362 | 21.82 | * | no | | | | | | * | | | |
| 103 PCB 144 | 360 | NotFnd | * | * | * | -0.00345 | | | -0.00345 | * | no | 0.469 | - |
| | HxCB 362 | 22.06 | * | no | | | | | | * | | | |
| 104 PCB 147/149 | 360 | NotFnd | * | * | * | -0.00206 | | | -0.00206 | * | no | 0.665 | - |
| | HxCB 362 | 22.36 | * | no | | | | | | * | | | |
| 105 PCB 134/143 | 360 | NotFnd | * | * | * | -0.00231 | | | -0.00231 | * | no | 0.593 | - |
| | HxCB 362 | 22.61 | * | no | | | | | | * | | | |
| 106 PCB 139/140 | 360 | NotFnd | * | * | * | -0.00206 | | | -0.00206 | * | no | 0.666 | - |
| | HxCB 362 | 22.88 | * | no | | | | | | * | | | |
| 107 PCB 131 | 360 | NotFnd | * | * | * | -0.00254 | | | -0.00254 | * | no | 0.54 | - |
| | HxCB 362 | 23.06 | * | no | | | | | | * | | | |
| 108 PCB 142 | 360 | NotFnd | * | * | * | -0.00227 | | | -0.00227 | * | no | 0.603 | - |
| | HxCB 362 | 23.19 | * | no | | | | | | * | | | |
| 109 PCB 132 | 360 | NotFnd | * | * | * | -0.00259 | | | -0.00259 | * | no | 0.528 | - |
| | HxCB 362 | 23.44 | * | no | | | | | | * | | | |
| 110 PCB 133 | 360 | NotFnd | * | * | * | -0.00218 | | | -0.00218 | * | no | 0.629 | - |
| | HxCB 362 | 23.84 | * | no | | | | | | * | | | |
| 111 PCB 165 | 360 | NotFnd | * | * | * | -0.00186 | | | -0.00186 | * | no | 0.735 | - |
| | HxCB 362 | 24.17 | * | no | | | | | | * | | | |
| 112 PCB 146 | 360 | NotFnd | * | * | * | -0.00191 | | | -0.00191 | * | no | 0.715 | - |
| | HxCB 362 | 24.40 | * | no | | | | | | * | | | |
| 113 PCB 161 | 360 | NotFnd | * | * | * | -0.00158 | | | -0.00158 | * | no | 0.864 | - |
| | HxCB 362 | 24.52 | * | no | | | | | | * | | | |
| 114 PCB 153/168 | 360 | NotFnd | * | * | * | -0.00175 | | | -0.00175 | * | no | 0.783 | - |
| | HxCB 362 | 24.98 | * | no | | | | | | * | | | |
| 115 PCB 141 | 360 | NotFnd | * | * | * | -0.00211 | | | -0.00211 | * | no | 0.648 | - |
| | HxCB 362 | 25.13 | * | no | | | | | | * | | | |
| 116 PCB 130 | 360 | NotFnd | * | * | * | -0.00236 | | | -0.00236 | * | no | 0.581 | - |
| | HxCB 362 | 25.50 | * | no | | | | | | * | | | |
| 117 PCB 137 | 360 | NotFnd | * | * | * | -0.00237 | | | -0.00237 | * | no | 0.577 | - |
| | HxCB 362 | 25.70 | * | no | | | | | | * | | | |
| 118 PCB 164 | 360 | NotFnd | * | * | * | -0.00172 | | | -0.00172 | * | no | 0.796 | - |
| | HxCB 362 | 25.82 | * | no | | | | | | * | | | |
| 119 PCB 138/163/129 | 360 | NotFnd | * | * | * | -0.00208 | | | -0.00208 | * | no | 0.657 | - |
| | HxCB 362 | 26.11 | * | no | | | | | | * | | | |
| 120 PCB 160 | 360 | NotFnd | * | * | * | -0.00197 | | | -0.00197 | * | no | 0.695 | - |
| | HxCB 362 | 26.28 | * | no | | | | | | * | | | |
| 121 PCB 158 | 360 | NotFnd | * | * | * | -0.00157 | | | -0.00157 | * | no | 0.872 | - |
| | HxCB 362 | 26.46 | * | no | | | | | | * | | | |
| 122 PCB 128/166 | 360 | NotFnd | * | * | * | -0.00196 | | | -0.00196 | * | no | 0.7 | - |
| | HxCB 362 | 27.27 | * | no | | | | | | * | | | |
| 123 PCB 159 | 360 | NotFnd | * | * | * | -0.00156 | | | -0.00156 | * | no | 1.501 | - |
| | HxCB 362 | 28.25 | * | no | | | | | | * | | | |
| 124 PCB 162 | 360 | NotFnd | * | * | * | -0.00175 | | | -0.00175 | * | no | 1.338 | - |
| | HxCB 362 | 28.51 | * | no | | | | | | * | | | |
| 125 PCB 167 | 360 | 29.00 | 62222 | 1.15 | 116517 | 0.114501 | PCB 167 % Rec = 115 | | -0.00247 | 149 | no | 0.951 | - |
| | HxCB 362 | 29.01 | 54295 | yes | | | | | | 165 | | | |
| 126 PCB 156/157 | 360 | 30.15 | 118726 | 1.23 | 215183 | 0.221808 | PCB 156/157 % Rec = 111 | | -0.00226 | 227 | no | 1.036 | - |
| | HxCB 362 | 30.16 | 96456 | yes | | | | | | 230 | | | |
| 127 PCB 169 | 360 | 33.53 | 32141 | 1.23 | 58314 | 0.10755 | PCB 169 % Rec = 108 | | -0.00241 | 71 | no | 0.973 | - |
| | HxCB 362 | 33.53 | 26173 | yes | | | | | | 72 | | | |
| 128 PCB 188 | 394 | 23.78 | 35468 | 1.06 | 68969 | 0.094597 | PCB 188 % Rec = 95 | | -0.00209 | 113 | no | 1.053 | - |
| | HpCB 396 | 23.78 | 33501 | yes | | | | | | 112 | | | |
| 129 PCB 179 | 394 | NotFnd | * | * | * | -0.00224 | | | -0.00224 | * | no | 0.98 | - |
| | HpCB 396 | 24.07 | * | no | | | | | | * | | | |
| 130 PCB 184 | 394 | NotFnd | * | * | * | -0.00243 | | | -0.00243 | * | no | 0.904 | - |
| | HpCB 396 | 24.57 | * | no | | | | | | * | | | |
| 131 PCB 176 | 394 | NotFnd | * | * | * | -0.00234 | | | -0.00234 | * | no | 0.939 | - |
| | HpCB 396 | 24.88 | * | no | | | | | | * | | | |
| 132 PCB 186 | 394 | NotFnd | * | * | * | -0.00268 | | | -0.00268 | * | no | 0.822 | - |
| | HpCB 396 | 25.28 | * | no | | | | | | * | | | |
| 133 PCB 178 | 394 | NotFnd | * | * | * | -0.00332 | | | -0.00332 | * | no | 0.663 | - |
| | HpCB 396 | 26.54 | * | no | | | | | | * | | | |
| 134 PCB 175 | 394 | NotFnd | * | * | * | -0.00316 | | | -0.00316 | * | no | 0.695 | - |
| | HpCB 396 | 27.14 | * | no | | | | | | * | | | |
| 135 PCB 187 | 394 | 27.38 | 30182 | 1 | 60262 | 0.168069 | PCB 187 % Rec = 124 | | -0.0034 | 88 | no | 0.647 | - |
| | HpCB 396 | 27.40 | 30080 | yes | | | | | | 94 | | | |
| 136 PCB 182 | 394 | 27.58 | 22629 | 1.09 | 43452 | 0.116595 | PCB 182 % Rec = 117 | | -0.00327 | 66 | no | 0.673 | - |
| | HpCB 396 | 27.61 | 20823 | yes | | | | | | 64 | | | |

| | | | | | | | | | | | | | |
|-------------------|----------|--------|--------|------|--------|----------|------------------------|--|----------|------|----|-------|-----|
| 137 PCB 183 | 394 | NotFnd | * | * | * | -0.00257 | | | -0.00257 | * | no | 1.138 | - |
| | HpCB 396 | 27.96 | * | no | * | | | | | * | | | |
| 138 PCB 185 | 394 | NotFnd | * | * | * | -0.00394 | | | -0.00394 | * | no | 0.743 | - |
| | HpCB 396 | 28.06 | * | no | * | | | | | * | | | |
| 139 PCB 174 | 394 | NotFnd | * | * | * | -0.00338 | | | -0.00338 | * | no | 0.867 | - |
| | HpCB 396 | 28.18 | * | no | * | | | | | * | | | |
| 140 PCB 177 | 394 | NotFnd | * | * | * | -0.00335 | | | -0.00335 | * | no | 0.874 | - |
| | HpCB 396 | 28.66 | * | no | * | | | | | * | | | |
| 141 PCB 181 | 394 | NotFnd | * | * | * | -0.00345 | | | -0.00345 | * | no | 0.85 | - |
| | HpCB 396 | 29.03 | * | no | * | | | | | * | | | |
| 142 PCB 171/173 | 394 | NotFnd | * | * | * | -0.00335 | | | -0.00335 | * | no | 0.875 | - |
| | HpCB 396 | 29.25 | * | no | * | | | | | * | | | |
| 143 PCB 172 | 394 | NotFnd | * | * | * | -0.00338 | | | -0.00338 | * | no | 0.866 | - |
| | HpCB 396 | 30.90 | * | no | * | | | | | * | | | |
| 144 PCB 192 | 394 | NotFnd | * | * | * | -0.00299 | | | -0.00299 | * | no | 0.979 | - |
| | HpCB 396 | 31.21 | * | no | * | | | | | * | | | |
| 145 PCB 193/180 | 394 | 31.58 | 26308 | 1.06 | 51154 | 0.09008 | PCB 193/180 % Rec = 78 | | -0.0022 | 87 | no | 1.333 | - |
| | HpCB 396 | 31.56 | 24846 | yes | * | | | | | 84 | | | |
| 146 PCB 191 | 394 | NotFnd | * | * | * | -0.00254 | | | -0.00254 | * | no | 1.152 | - |
| | HpCB 396 | 31.94 | * | no | * | | | | | * | | | |
| 147 PCB 170 | 394 | 32.90 | 21604 | 1.09 | 41511 | 0.095565 | PCB 170 % Rec = 96 | | -0.00243 | 69 | no | 1.206 | - |
| | HpCB 396 | 32.90 | 19907 | yes | * | | | | | 66 | | | |
| 148 PCB 190 | 394 | NotFnd | * | * | * | -0.00269 | | | -0.00269 | * | no | 1.089 | - |
| | HpCB 396 | 33.46 | * | no | * | | | | | * | | | |
| 149 PCB 189 | 394 | 36.27 | 34583 | 0.96 | 70512 | 0.104953 | PCB 189 % Rec = 105 | | -0.00214 | 117 | no | 0.91 | - |
| | HpCB 396 | 36.29 | 35929 | yes | * | | | | | 126 | | | |
| 150 PCB 202 | 428 | 28.76 | 24484 | 0.88 | 52170 | 0.092187 | PCB 202 % Rec = 90 | | -0.00202 | 121 | no | 1.08 | - |
| | OcCB 430 | 28.77 | 27685 | yes | * | | | | | 130 | | | |
| 151 PCB 201 | 428 | NotFnd | * | * | * | -0.00201 | | | -0.00201 | * | no | 1.088 | - |
| | OcCB 430 | 29.69 | * | no | * | | | | | * | | | |
| 152 PCB 204 | 428 | NotFnd | * | * | * | -0.00202 | | | -0.00202 | * | no | 1.08 | - |
| | OcCB 430 | 30.38 | * | no | * | | | | | * | | | |
| 153 PCB 197 | 428 | NotFnd | * | * | * | -0.00248 | | | -0.00248 | * | no | 0.88 | - |
| | OcCB 430 | 30.61 | * | no | * | | | | | * | | | |
| 154 PCB 200 | 428 | NotFnd | * | * | * | -0.00192 | | | -0.00192 | * | no | 1.141 | - |
| | OcCB 430 | 30.72 | * | no | * | | | | | * | | | |
| 155 PCB 198/199 | 428 | NotFnd | * | * | * | -0.00316 | | | -0.00316 | * | no | 0.691 | - |
| | OcCB 430 | 33.63 | * | no | * | | | | | * | | | |
| 156 PCB 196 | 428 | NotFnd | * | * | * | -0.00297 | | | -0.00297 | * | no | 0.736 | - |
| | OcCB 430 | 34.36 | * | no | * | | | | | * | | | |
| 157 PCB 203 | 428 | NotFnd | * | * | * | -0.00307 | | | -0.00307 | * | no | 0.712 | - |
| | OcCB 430 | 34.56 | * | no | * | | | | | * | | | |
| 158 PCB 195 | 428 | NotFnd | * | * | * | -0.00212 | | | -0.00212 | * | no | 1.012 | - |
| | OcCB 430 | 36.01 | * | no | * | | | | | * | | | |
| 159 PCB 194 | 428 | NotFnd | * | * | * | -0.00202 | | | -0.00202 | * | no | 1.061 | - |
| | OcCB 430 | 38.63 | * | no | * | | | | | * | | | |
| 160 PCB 205 | 428 | 39.16 | 16645 | 0.87 | 35740 | 0.094942 | PCB 205 % Rec = 95 | | -0.002 | 81 | no | 1.071 | - |
| | OcCB 430 | 39.18 | 19095 | yes | * | | | | | 87 | | | |
| 161 PCB 208 | 462 | 35.76 | 15470 | 0.8 | 34782 | 0.093945 | PCB 208 % Rec = 94 | | -0.00361 | 68 | no | 1.082 | - |
| | NoCB 464 | 35.78 | 19312 | yes | * | | | | | 64 | | | |
| 162 PCB 207 | 462 | NotFnd | * | * | * | -0.00295 | | | -0.00295 | * | no | 1.324 | - |
| | NoCB 464 | 36.81 | * | no | * | | | | | * | | | |
| 163 PCB 206 | 462 | 41.14 | 7155 | 0.7 | 17431 | 0.090102 | PCB 206 % Rec = 91 | | -0.00363 | 31 | no | 1.077 | - |
| | NoCB 464 | 41.12 | 10276 | yes | * | | | | | 33 | | | |
| 164 PCB 209 | 498 | 42.98 | 7568 | 1.09 | 14540 | 0.086424 | PCB 209 % Rec = 87 | | -0.00168 | 127 | no | 1.024 | - |
| | DCB 500 | 43.01 | 6972 | yes | * | | | | | 132 | | | |
| 165 PCB 1L | 200 | 8.83 | 145453 | 3.4 | 188253 | 0.126529 | | | 0.001 | 2768 | no | 0.821 | 64 |
| | 202 | 8.83 | 42800 | yes | * | | | | | 246 | | | |
| 166 PCB 3L | 200 | 10.02 | 160099 | 3.54 | 205281 | 0.136893 | | | 0.001 | 3352 | no | 0.828 | 69 |
| | 202 | 10.01 | 45182 | yes | * | | | | | 279 | | | |
| 167 PCB 4L | 234 | 10.14 | 51850 | 1.63 | 83736 | 0.164156 | | | 0.001 | 394 | no | 0.282 | 82 |
| | 236 | 10.11 | 31887 | yes | * | | | | | 823 | | | |
| 168 PCB 15L | 234 | 12.73 | 234086 | 1.7 | 371424 | 0.192722 | | | 0.001 | 1111 | no | 1.064 | 97 |
| | 236 | 12.73 | 137338 | yes | * | | | | | 903 | | | |
| 169 PCB 19L | 268 | 11.49 | 58309 | 0.99 | 117002 | 0.187085 | | | 0.005 | 176 | no | 0.345 | 94 |
| | 270 | 11.49 | 58693 | yes | * | | | | | 76 | | | |
| 170 PCB 37L | 268 | 16.37 | 196130 | 1.09 | 376631 | 0.206626 | | | 0.003 | 337 | no | 2.614 | 104 |
| | 270 | 16.38 | 180501 | yes | * | | | | | 132 | | | |
| 171 PCB 54L | 302 | 12.85 | 54634 | 0.79 | 123571 | 0.233769 | | | 0.001 | 402 | no | 0.758 | 117 |
| | 304 | 12.85 | 68937 | yes | * | | | | | 687 | | | |
| 172 PCB 81L | 302 | 20.98 | 120465 | 0.84 | 264495 | 0.202181 | | | 0.001 | 485 | no | 1.876 | 102 |
| | 304 | 20.98 | 144030 | yes | * | | | | | 1409 | | | |
| 173 PCB 77L | 302 | 21.43 | 112625 | 0.82 | 249927 | 0.199242 | | | 0.001 | 442 | no | 1.799 | 100 |
| | 304 | 21.43 | 137302 | yes | * | | | | | 1302 | | | |
| 174 PCB 104L | 338 | 15.63 | 75122 | 1.53 | 124194 | 0.23114 | | | 0 | 2413 | no | 0.967 | 116 |
| | 340 | 15.64 | 49072 | yes | * | | | | | 3323 | | | |
| 175 PCB 123L | 338 | 23.03 | 168281 | 1.69 | 267835 | 0.210133 | | | 0 | 3669 | no | 2.293 | 106 |
| | 340 | 23.05 | 99554 | yes | * | | | | | 1075 | | | |
| 176 PCB 118L | 338 | 23.32 | 161650 | 1.67 | 258177 | 0.210836 | | | 0 | 3548 | no | 2.203 | 106 |
| | 340 | 23.32 | 96528 | yes | * | | | | | 1066 | | | |
| 177 PCB 114L | 338 | 23.80 | 152518 | 1.73 | 240840 | 0.211449 | | | 0 | 3225 | no | 2.049 | 106 |
| | 340 | 23.80 | 88321 | yes | * | | | | | 937 | | | |
| 178 PCB 105L | 338 | 24.34 | 150974 | 1.67 | 241397 | 0.205453 | | | 0 | 3275 | no | 2.114 | 103 |
| | 340 | 24.36 | 90423 | yes | * | | | | | 971 | | | |
| 179 PCB 126L | 338 | 27.16 | 121998 | 1.67 | 195161 | 0.169062 | | | 0 | 2456 | no | 2.077 | 85 |
| | 340 | 27.18 | 73163 | yes | * | | | | | 736 | | | |
| 180 PCB 155L | 372 | 19.25 | 81150 | 1.28 | 144735 | 0.268077 | | | 0 | 3576 | no | 1.056 | 135 |
| | 374 | 19.25 | 63585 | yes | * | | | | | 5099 | | | |
| 181 PCB 167L | 372 | 28.98 | 121091 | 1.32 | 212930 | 0.183641 | | | 0 | 1333 | no | 2.269 | 92 |
| | 374 | 29.01 | 91836 | yes | * | | | | | 1179 | | | |
| 182 PCB 156L/157L | 372 | 30.13 | 212699 | 1.33 | 372762 | 0.351535 | | | 0 | 1839 | no | 2.075 | 88 |
| | 374 | 30.16 | 160063 | yes | * | | | | | 1664 | | | |
| 183 PCB 169L | 372 | 33.49 | 63606 | 1.35 | 110877 | 0.101254 | | | 0 | 648 | no | 2.142 | 51 |
| | 374 | 33.50 | 47271 | yes | * | | | | | 574 | | | |

| | | | | | | | | | | | |
|-----------------------|-----|--------|---------|------|----------|----------|-------|----------|----|-------|-----|
| 184 PCB 188L | 406 | 23.76 | 71612 | 1.08 | 137746 | 0.244245 | 0 | 1567 | no | 1.103 | 123 |
| | 408 | 23.76 | 66134 | yes | | | | 2333 | | | |
| 185 PCB 180L | 406 | 31.56 | 43348 | 1.05 | 84769 | 0.312641 | 0.001 | 612 | no | 1.219 | 157 |
| | 408 | 31.56 | 41421 | yes | | | | 1317 | | | |
| 186 PCB 170L | 406 | 32.87 | 37493 | 1.1 | 71703 | 0.295065 | 0.001 | 520 | no | 1.093 | 148 |
| | 408 | 32.89 | 34210 | yes | | | | 1056 | | | |
| 187 PCB 189L | 406 | 36.25 | 78199 | 1.14 | 146868 | 0.272581 | 0.001 | 638 | no | 2.422 | 137 |
| | 408 | 36.25 | 68670 | yes | | | | 644 | | | |
| 188 PCB 202L | 440 | 28.74 | 49606 | 0.91 | 104313 | 0.39403 | 0.001 | 2807 | no | 1.19 | 198 |
| | 442 | 28.72 | 54707 | yes | | | | 1488 | | | |
| 189 PCB 205L | 440 | 39.14 | 33579 | 0.92 | 69945 | 0.212825 | 0.001 | 896 | no | 1.478 | 107 |
| | 442 | 39.15 | 36366 | yes | | | | 689 | | | |
| 190 PCB 208L | 474 | 35.74 | 30230 | 0.8 | 68101 | 0.264143 | 0.001 | 1054 | no | 1.159 | 133 |
| | 476 | 35.75 | 37871 | yes | | | | 837 | | | |
| 191 PCB 206L | 474 | 41.12 | 15805 | 0.79 | 35747 | 0.197415 | 0.001 | 527 | no | 0.814 | 99 |
| | 476 | 41.12 | 19943 | yes | | | | 433 | | | |
| 192 PCB 209L | 510 | 42.96 | 18579 | 1.32 | 32698 | 0.194789 | 0.001 | 609 | no | 0.755 | 98 |
| | 512 | 42.97 | 14119 | yes | | | | 1018 | | | |
| 193 PCB 28L | 268 | 14.15 | 223931 | 1.08 | 430675 | 0.222147 | 0.003 | 425 | no | 2.78 | 101 |
| PCB Cleanup Standard | 270 | 14.15 | 206745 | yes | | | | 170 | | | |
| 194 PCB 111L | 338 | 21.43 | 101693 | 1.68 | 162126 | 0.218947 | 0 | 1873 | no | 1.332 | 99 |
| PCB Cleanup Standard | 340 | 21.43 | 60433 | yes | | | | 1344 | | | |
| 195 PCB 178L | 406 | 26.50 | 41477 | 1.08 | 79810 | 0.240049 | 0.001 | 852 | no | 0.65 | 109 |
| PCB Cleanup Standard | 408 | 26.50 | 38333 | yes | | | | 1288 | | | |
| 196 PCB 31L | 268 | 14.01 | 1150 | 0.65 | 2929 | 0.001513 | 0.003 | 2 | no | 2.775 | 1 |
| PCB Audit Standard | 270 | 13.99 | 1780 | no | | | | 1 | | | |
| 197 PCB 95L | 338 | NotFnd | * | * | * | | 0.001 | | no | 0.967 | |
| PCB Audit Standard | 340 | 17.42 | * | no | | | | | | | |
| 198 PCB 163L | 372 | 24.95 | 2185 | 1.33 | 3823 | 0.006282 | 0 | 60 | no | 1.191 | 3 |
| PCB Audit Standard | 374 | 24.94 | 1638 | yes | | | | 33 | | | |
| 199 PCB 9L | 234 | 11.03 | 1258421 | 1.69 | 2002707 | 7.702022 | - | 6295 | no | - | - |
| PCB Recovery Standard | 236 | 11.03 | 744286 | yes | | | | 5173 | | | |
| 200 PCB 52L | 302 | 15.08 | 344932 | 0.81 | 770999 | 7.795514 | - | 2144 | no | - | - |
| PCB Recovery Standard | 304 | 15.08 | 426067 | yes | | | | 5741 | | | |
| 201 PCB 101L | 338 | 19.40 | 384807 | 1.67 | 614536 | 7.449283 | - | 7734 | no | - | - |
| PCB Recovery Standard | 340 | 19.40 | 229730 | yes | | | | 5573 | | | |
| 202 PCB 138L | 372 | 26.09 | 319251 | 1.3 | 565040 | 6.749851 | - | 8803 | no | - | - |
| PCB Recovery Standard | 374 | 26.09 | 245788 | yes | | | | 5001 | | | |
| 203 PCB 194L | 440 | 38.61 | 115278 | 0.88 | 245888 | 3.350936 | - | 3130 | no | - | - |
| PCB Recovery Standard | 442 | 38.61 | 130611 | yes | | | | 2573 | | | |
| Chlorobiphenyls | | | | | 0.215355 | | 2 | -0.00054 | | | |
| Dichlorobiphenyls | | | | | 0.202962 | | 2 | -0.0164 | | | |
| Trichlorobiphenyls | | | | | 0.361646 | | 4 | -0.00303 | | | |
| Tetrachlorobiphenyls | | | | | 0.300339 | | 3 | -0.00317 | | | |
| Pentachlorobiphenyls | | | | | 0.70933 | | 6 | -0.00211 | | | |
| Hexachlorobiphenyls | | | | | 0.533111 | | 4 | -0.00366 | | | |
| Heptachlorobiphenyls | | | | | 0.669859 | | 6 | -0.00394 | | | |
| Octachlorobiphenyls | | | | | 0.187129 | | 2 | -0.00316 | | | |
| Nonachlorobiphenyls | | | | | 0.184047 | | 2 | -0.00363 | | | |
| Decachlorobiphenyl | | | | | 0.086424 | | 1 | -0.00168 | | | |
| PCB (total) | | | | | 3.450202 | | | | | | |

Quantify Sample Report

Acquired Date

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Last Altered: Tuesday, December 06, 2016 5:32:35 PM

Printed: Tuesday, December 06, 2016 5:33:41 PM

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Description: MATSPK%

Vial: 5

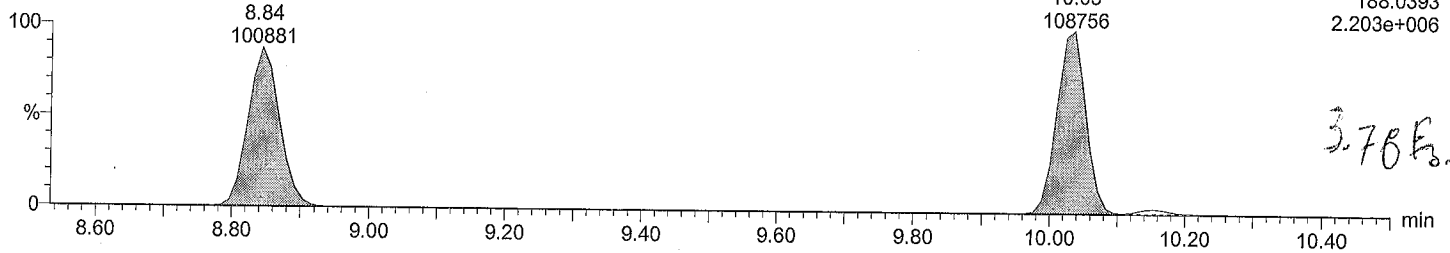
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Time: 22:59:48

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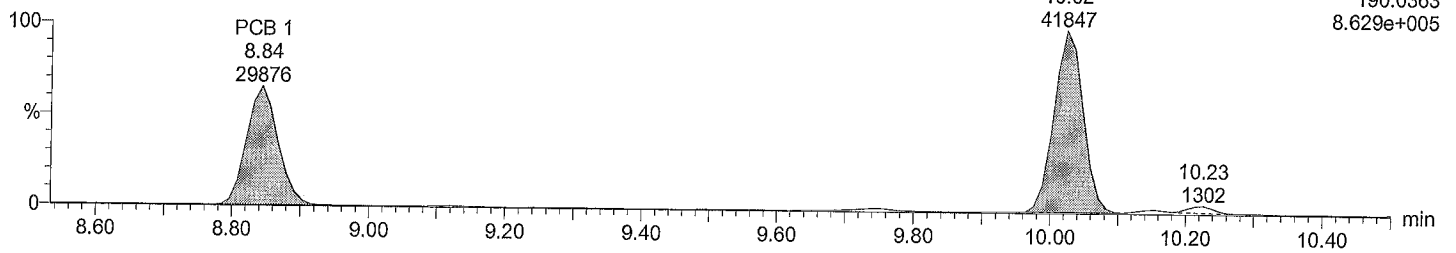
Total MoCB F1

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MATSPK% WS#4779396/4767897, TI, DIS272



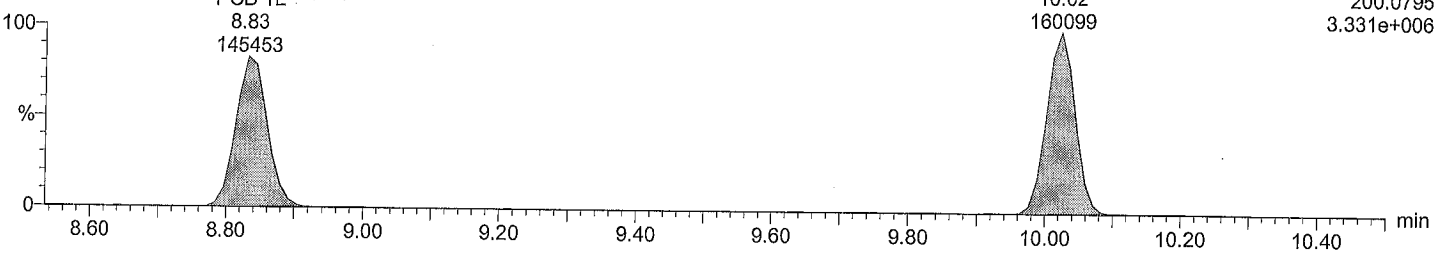
Total MoCB F1

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272



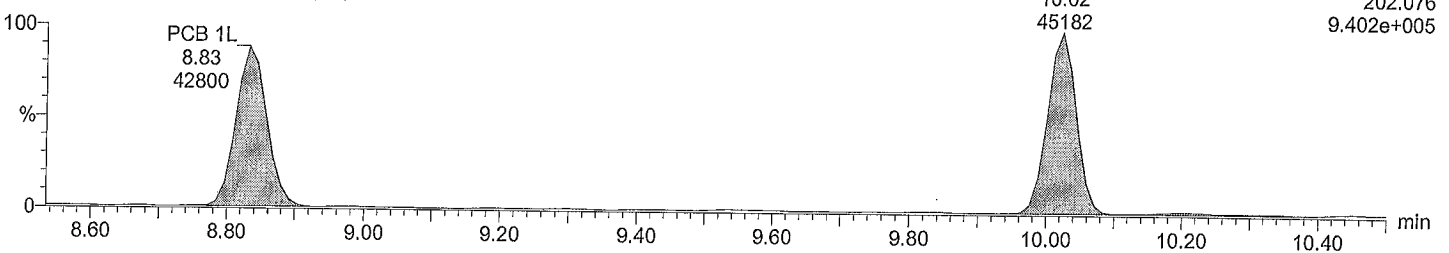
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M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272



Total MoCB labeled F1

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272



Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

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Vial: 5

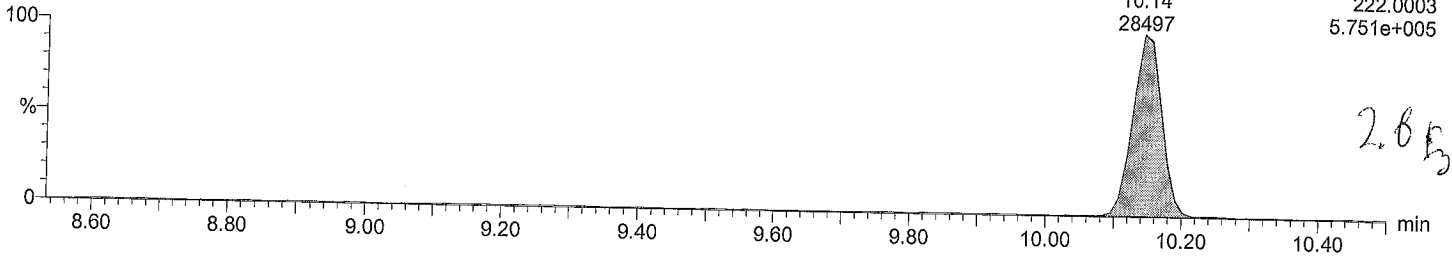
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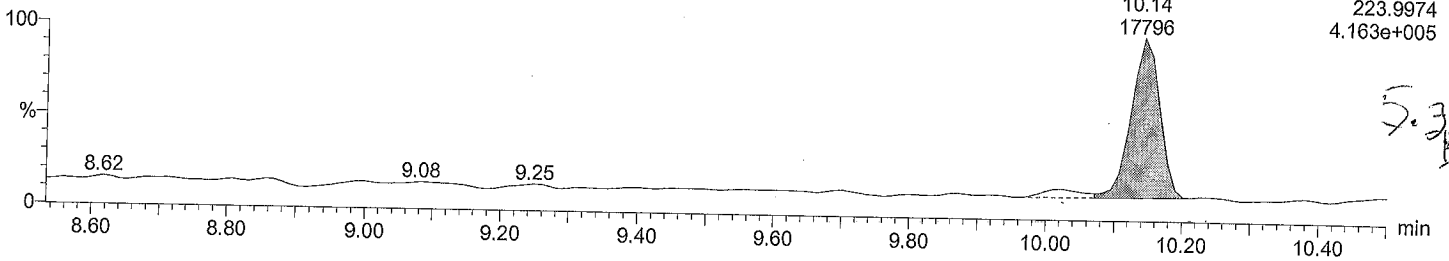
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MATSPK% WS#4779396/4767897, TI, DIS272



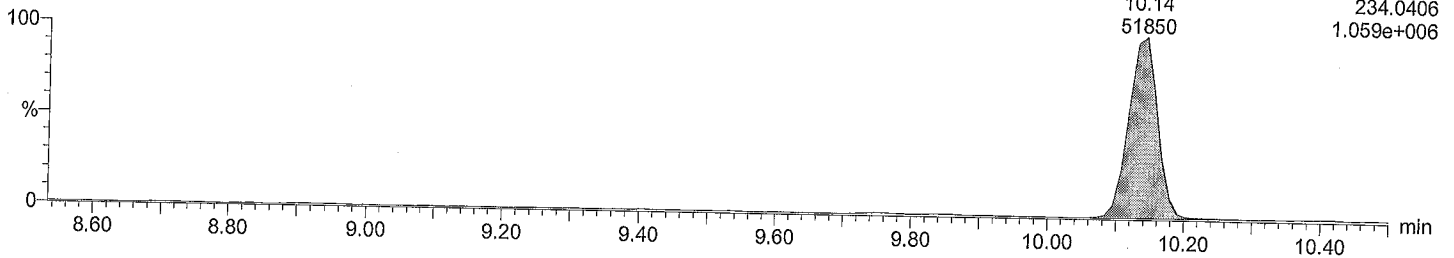
Total DiCB F1

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272



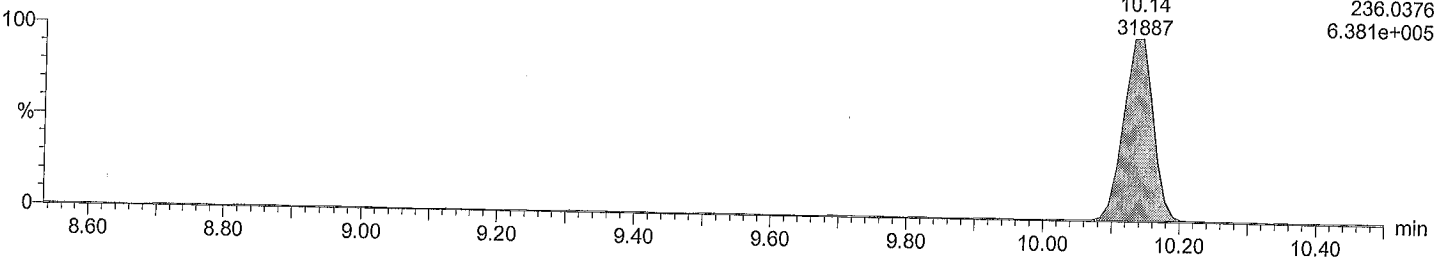
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M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272



Total DiCB labeled F1

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272



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Printed: Tuesday, December 06, 2016 5:33:41 PM

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Vial: 5

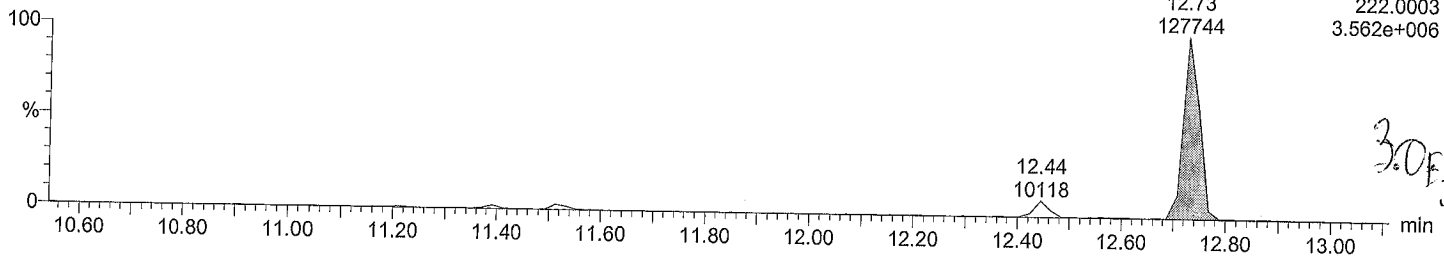
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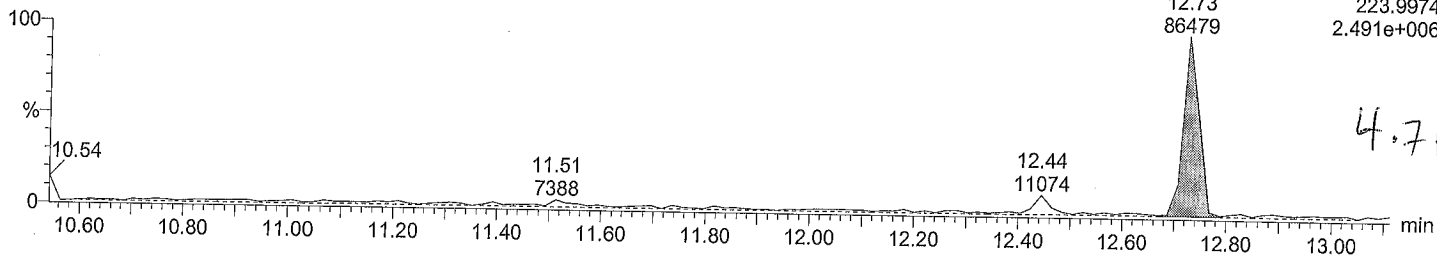
Total DiCB F2

M2161205B05
MATSPK% WS#4779396/4767897, TI, DIS272



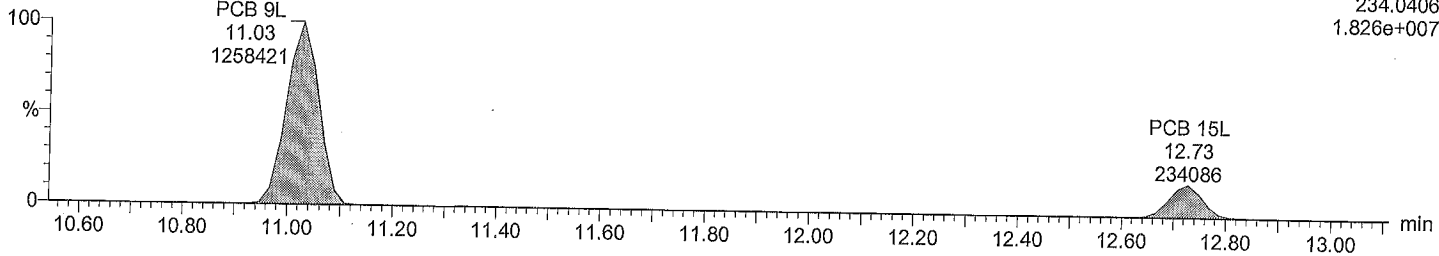
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M2161205B05
MATSPK% WS#4779396/4767897, TI, DIS272



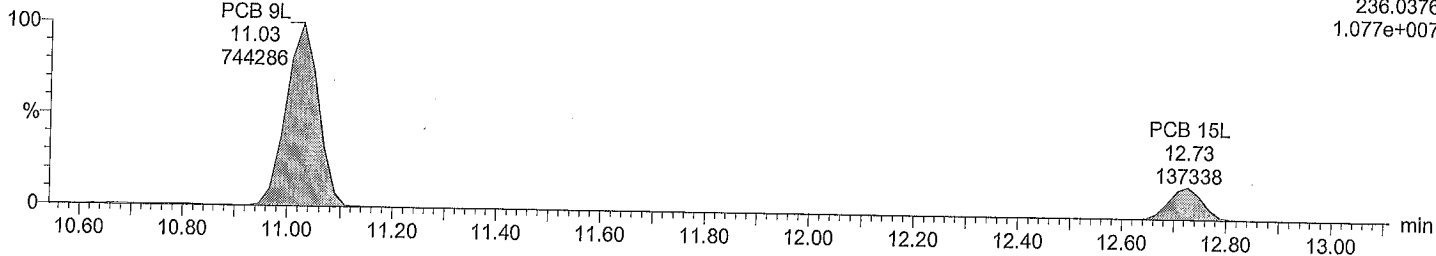
Total DiCB labeled F2

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272



Total DiCB labeled F2

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272



Quantify Sample Report

Acquired Date

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Vial: 5

Date: 05-Dec-2016

Time: 22:59:48

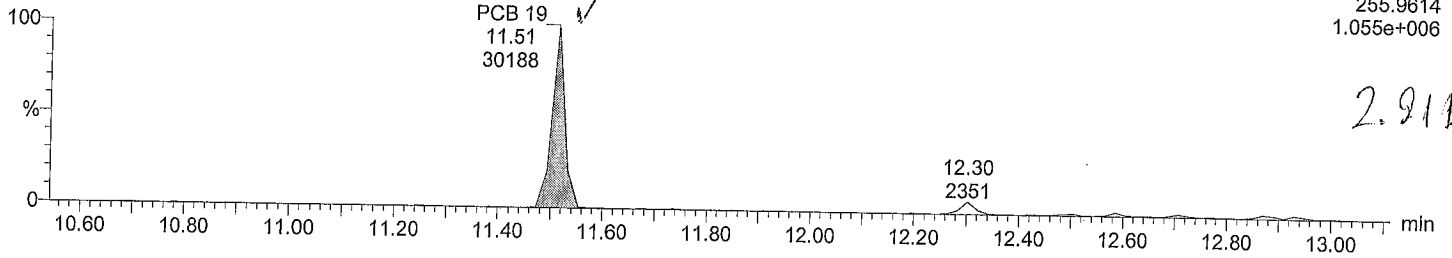
Instrument:

Total TriCB F2

M2161205B05

MATSPK% WS#4779396/4767897, TI, DIS272

F2:Voltage SIR,EI+
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1.055e+006

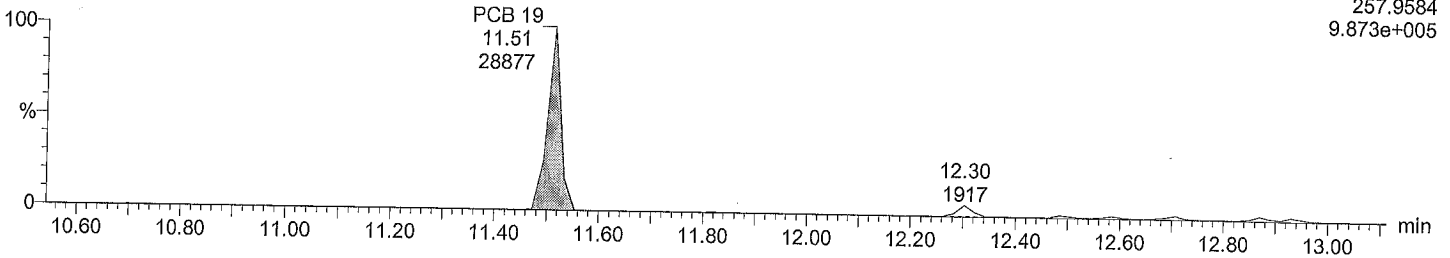


Total TriCB F2

M2161205B05

MATSPK% WS#4779396/4767897, TI, DIS272

F2:Voltage SIR,EI+
257.9584
9.873e+005

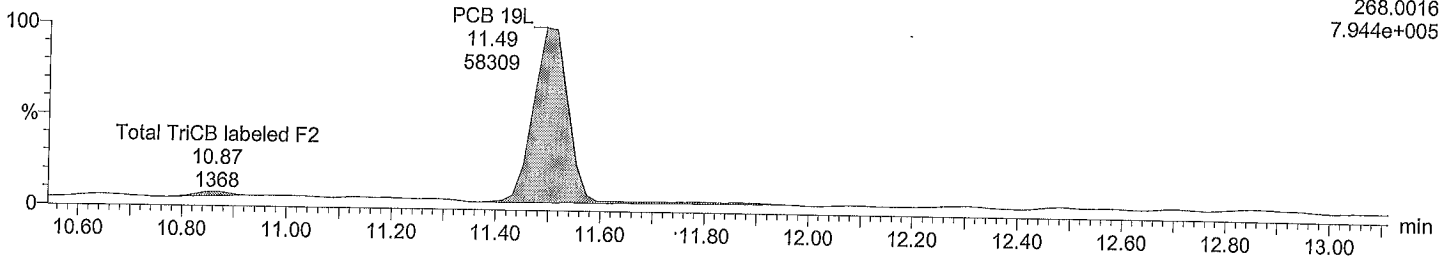


Total TriCB labeled F2

M2161205B05 Smooth(SG,3x1)

MATSPK% WS#4779396/4767897, TI, DIS272

F2:Voltage SIR,EI+
268.0016
7.944e+005

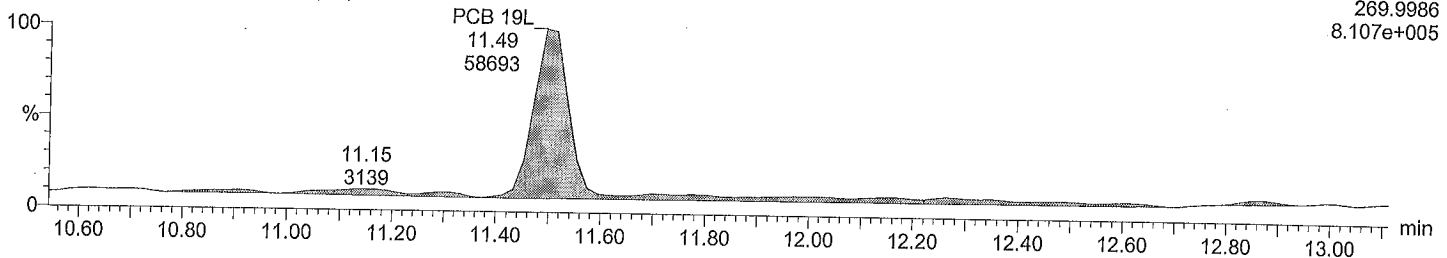


Total TriCB labeled F2

M2161205B05 Smooth(SG,3x1)

MATSPK% WS#4779396/4767897, TI, DIS272

F2:Voltage SIR,EI+
269.9986
8.107e+005



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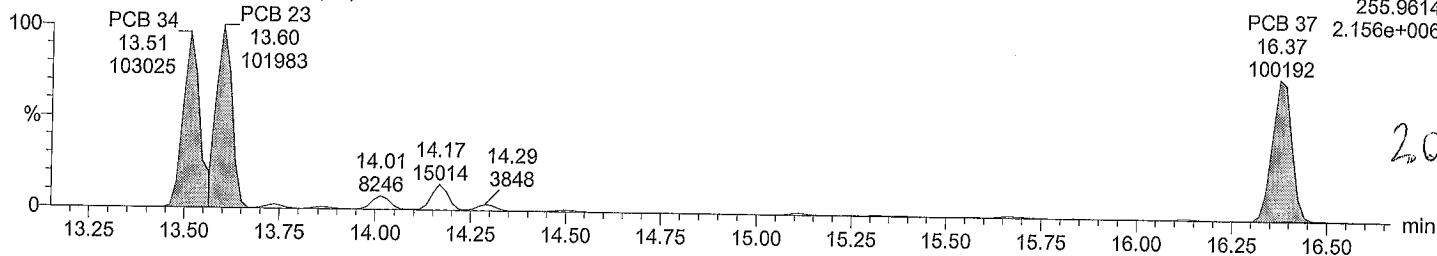
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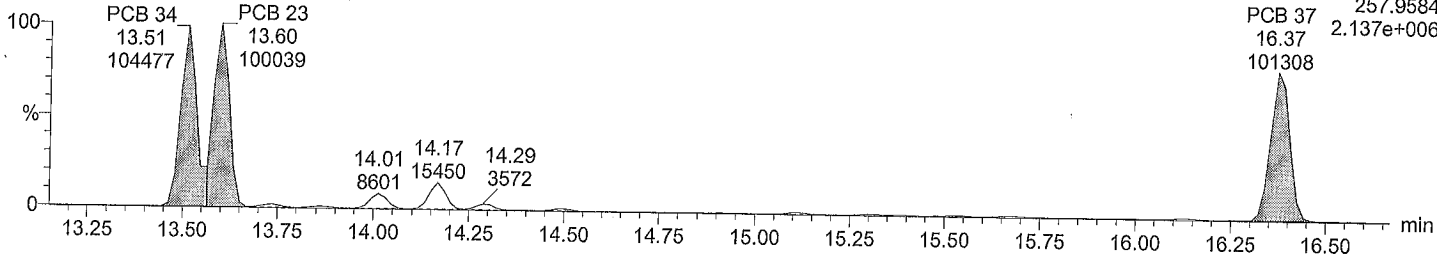
Total TriCB F3

M2161205B05 Smooth(SG,1x1)
MATSPK% WS#4779396/4767897, TI, DIS272



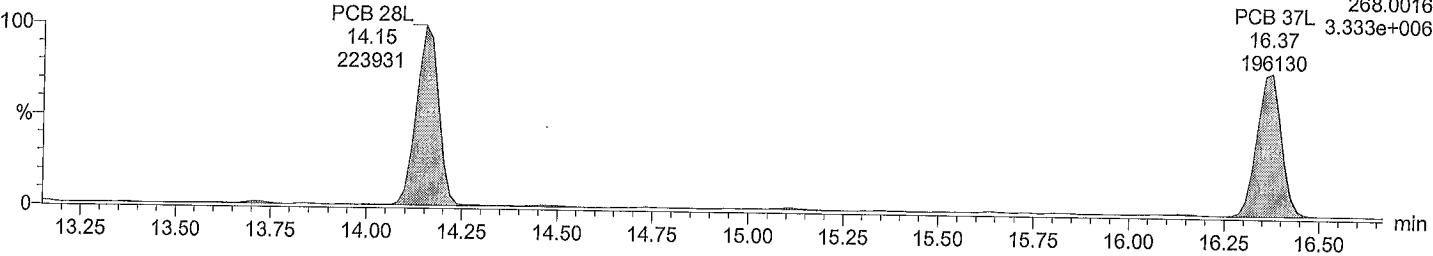
Total TriCB F3

M2161205B05 Smooth(SG,1x1)
MATSPK% WS#4779396/4767897, TI, DIS272



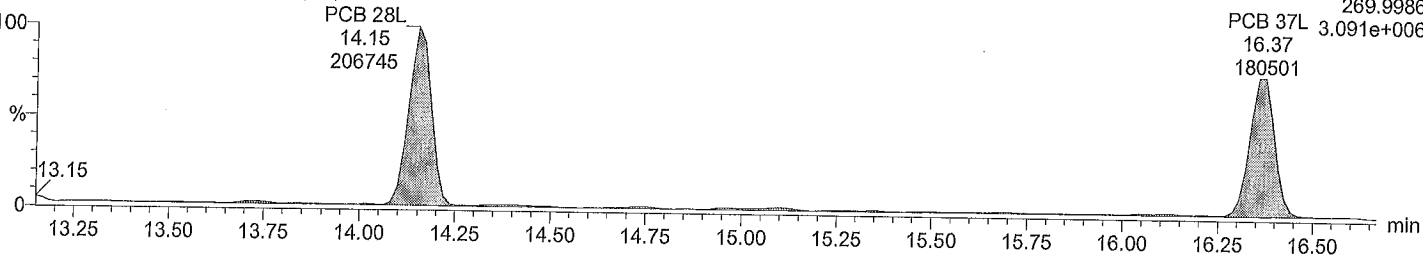
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M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272



Total TriCB labeled F3

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272



Acquired Date

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Description: MATSPK%

Vial: 5

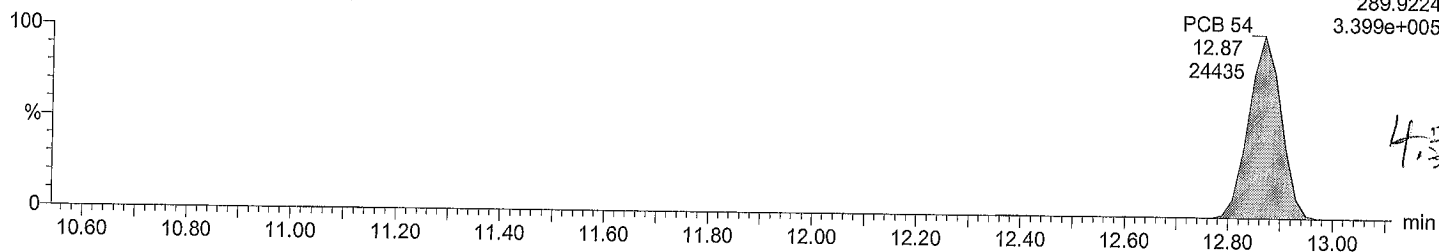
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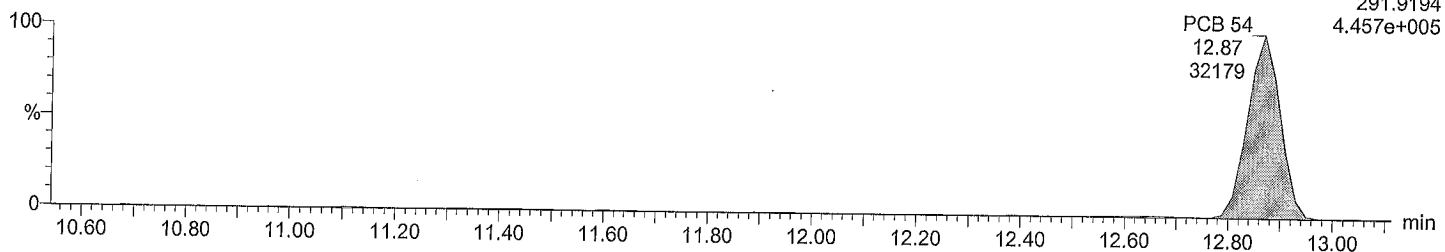
Total TeCB F2

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272



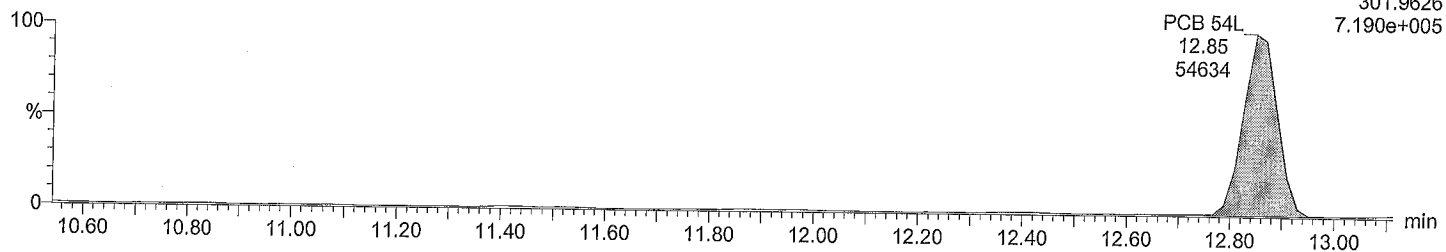
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MATSPK% WS#4779396/4767897, TI, DIS272



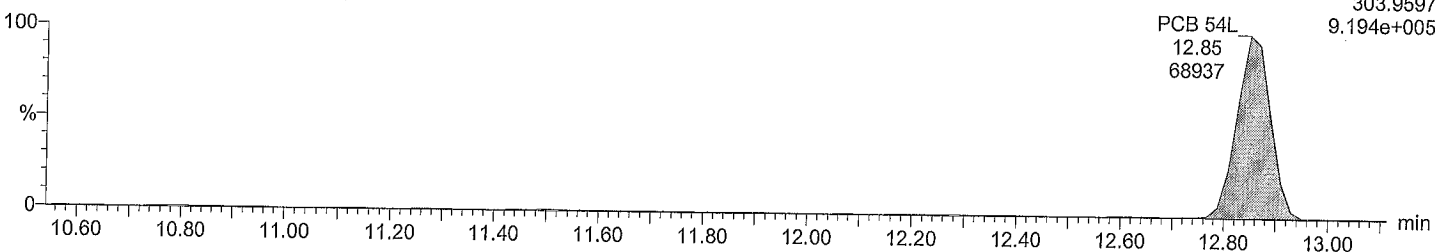
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M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272



Total TeCB labeled F2

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272



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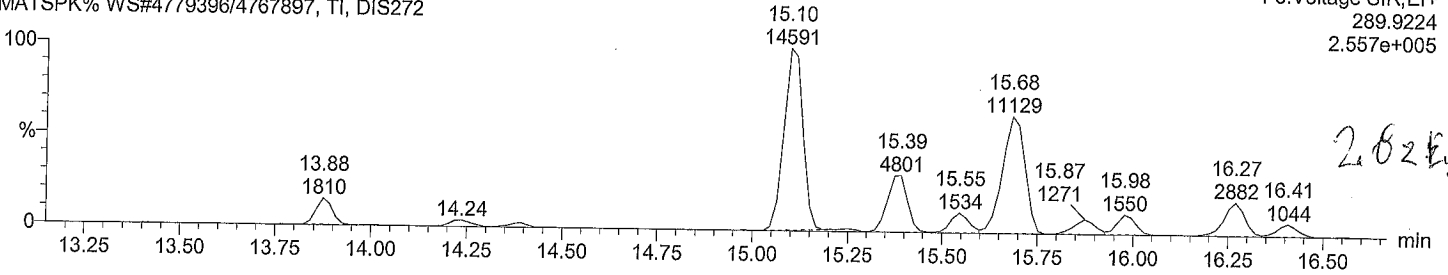
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MATSPK% WS#4779396/4767897, TI, DIS272

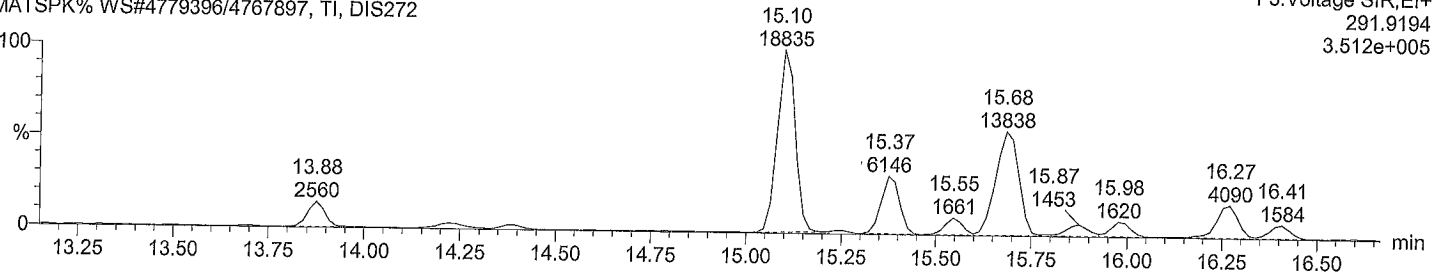
F3:Voltage SIR,EI+
289.9224
2.557e+005



Total TeCB F3

M2161205B05 Smooth(SG,1x1)
MATSPK% WS#4779396/4767897, TI, DIS272

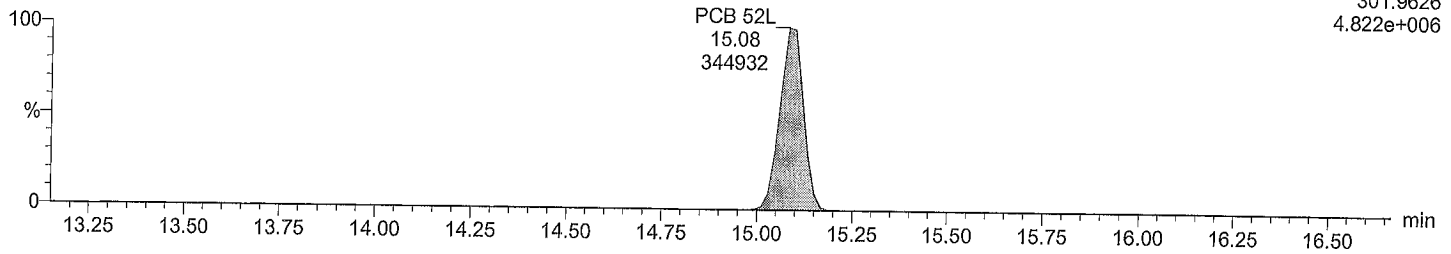
F3:Voltage SIR,EI+
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3.512e+005



Total TeCB labeled F3

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272

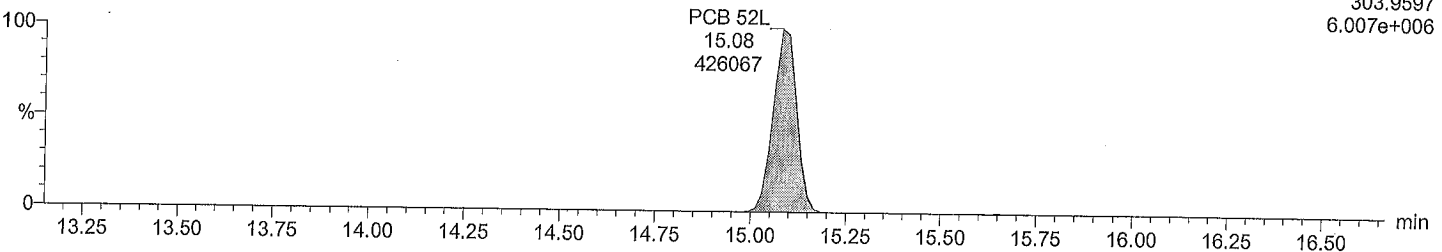
F3:Voltage SIR,EI+
301.9626
4.822e+006



Total TeCB labeled F3

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272

F3:Voltage SIR,EI+
303.9597
6.007e+006



Quantify Sample Report

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Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

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Printed: Tuesday, December 06, 2016 5:33:41 PM

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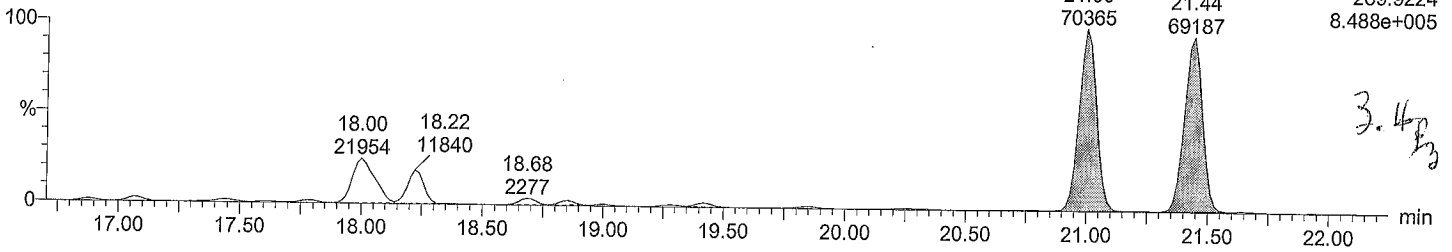
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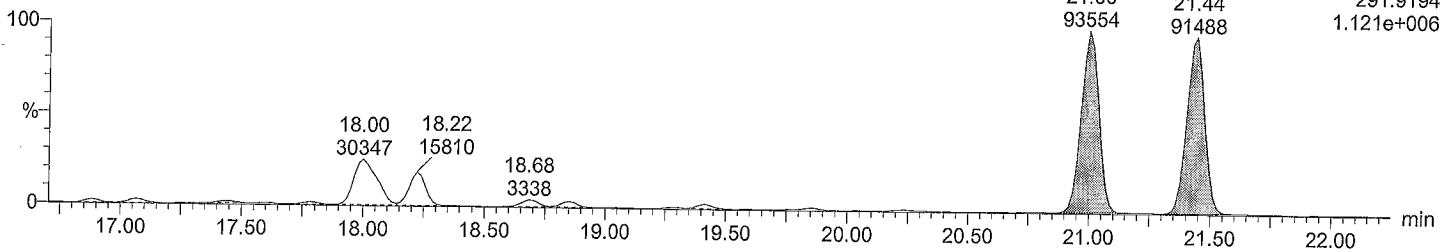
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MATSPK% WS#4779396/4767897, TI, DIS272



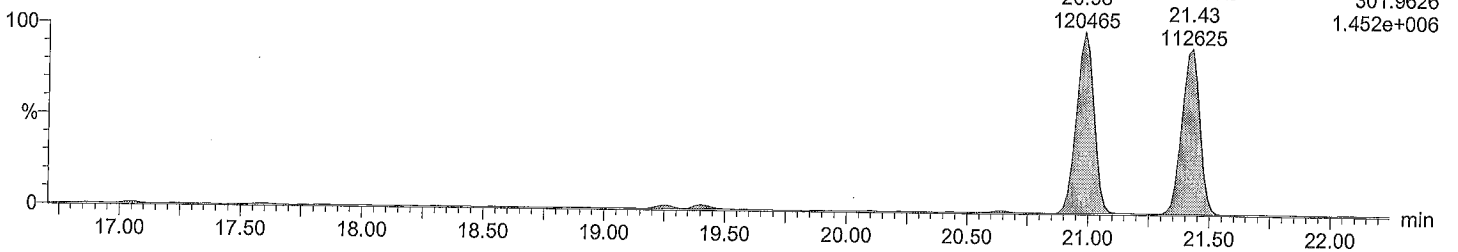
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MATSPK% WS#4779396/4767897, TI, DIS272



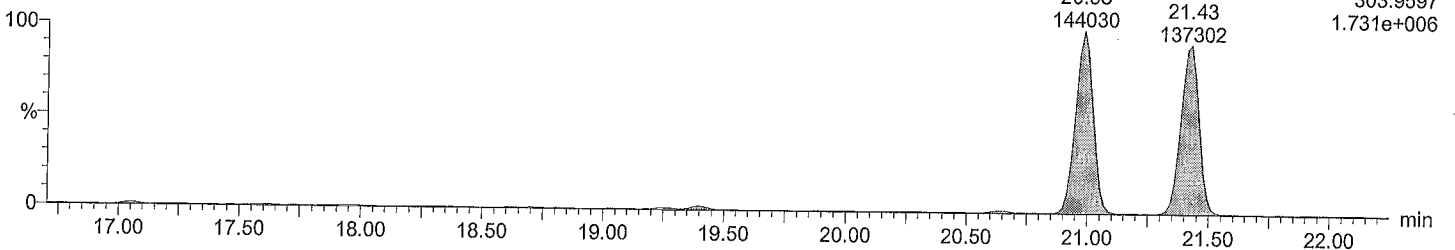
Total TeCB labeled F4

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272



Total TeCB labeled F4

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MATSPK% WS#4779396/4767897, TI, DIS272



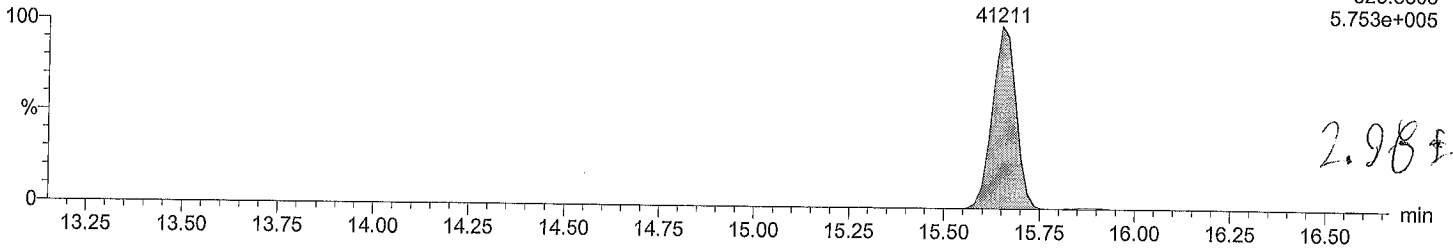
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Date: 05-Dec-2016
Time: 22:59:48
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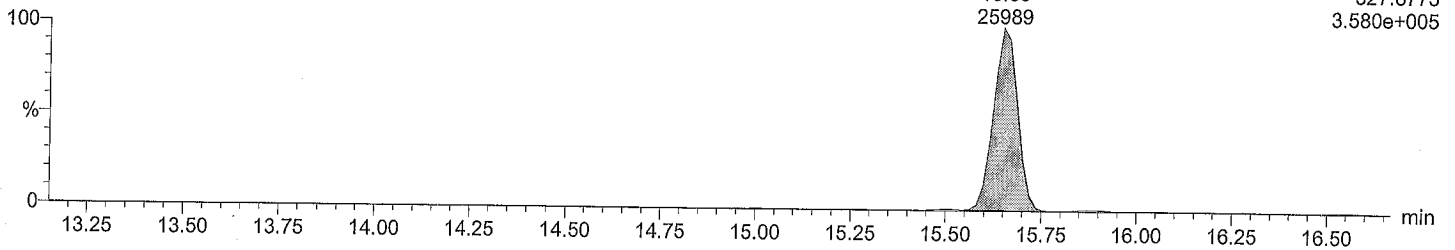
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MATSPK% WS#4779396/4767897, TI, DIS272



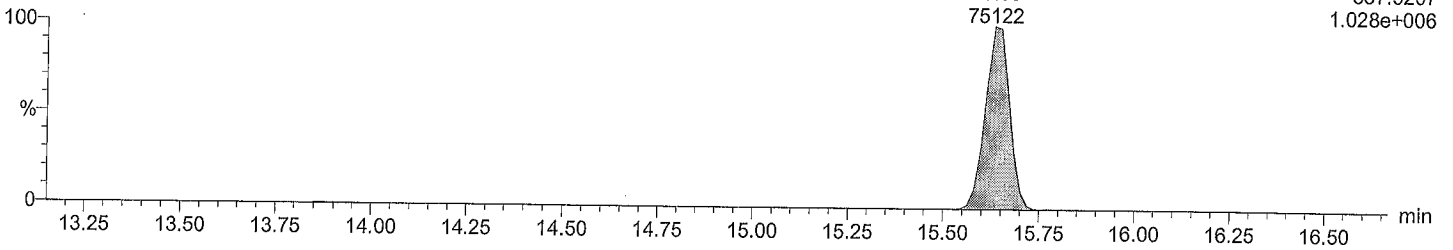
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MATSPK% WS#4779396/4767897, TI, DIS272



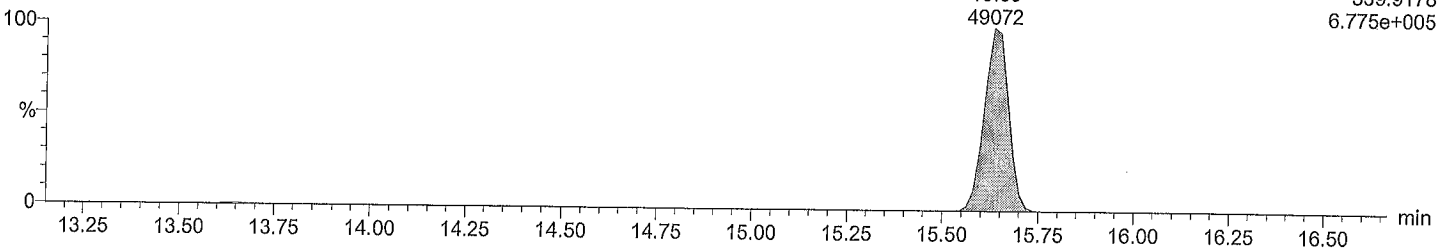
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MATSPK% WS#4779396/4767897, TI, DIS272



Total PeCB labeled F3

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MATSPK% WS#4779396/4767897, TI, DIS272



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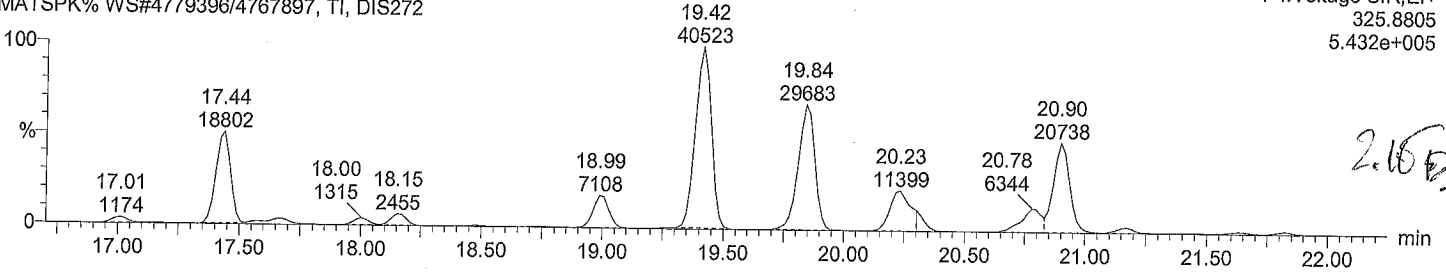
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M2161205B05 Smooth(SG,2x1)
MATSPK% WS#4779396/4767897, TI, DIS272

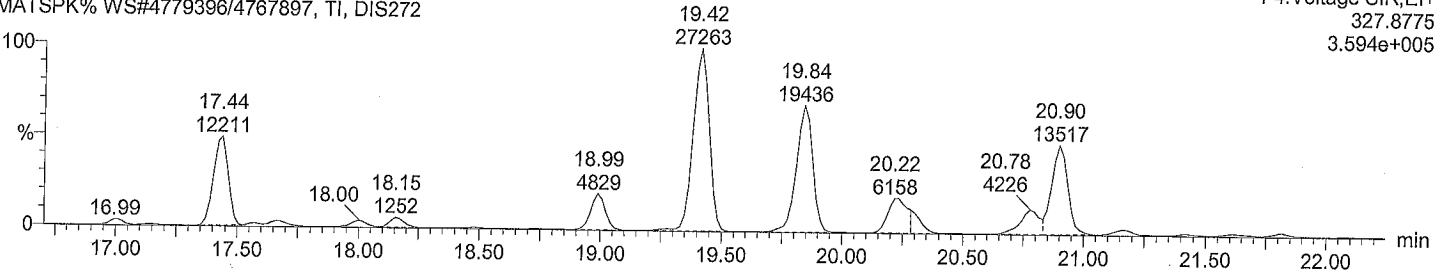
F4:Voltage SIR,EI+
325.8805
5.432e+005



Total PeCB F4

M2161205B05 Smooth(SG,2x1)
MATSPK% WS#4779396/4767897, TI, DIS272

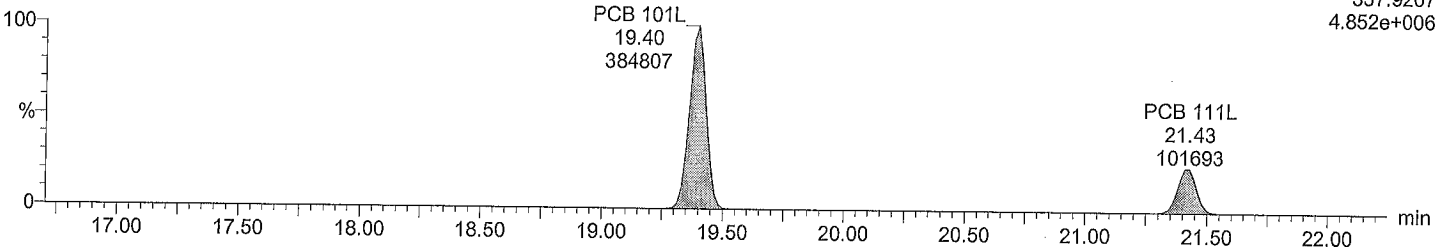
F4:Voltage SIR,EI+
327.8775
3.594e+005



Total PeCB labeled F4

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272

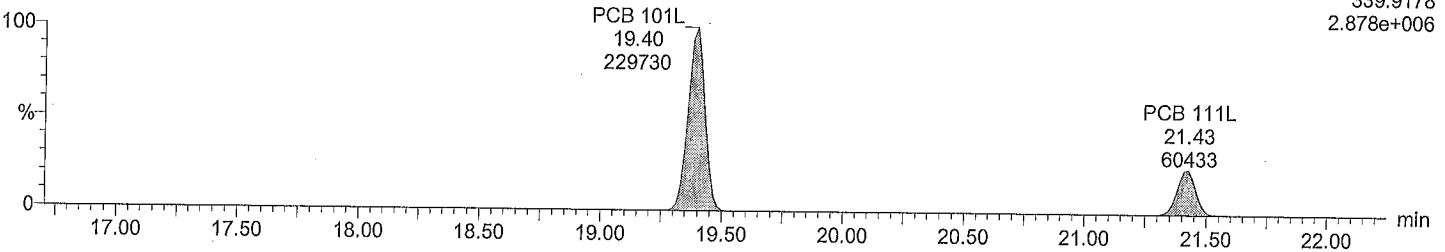
F4:Voltage SIR,EI+
337.9207
4.852e+006



Total PeCB labeled F4

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272

F4:Voltage SIR,EI+
339.9178
2.878e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Tuesday, December 06, 2016 5:32:35 PM

Printed: Tuesday, December 06, 2016 5:33:41 PM

Description: MATSPK%

Vial: 5

Date: 05-Dec-2016

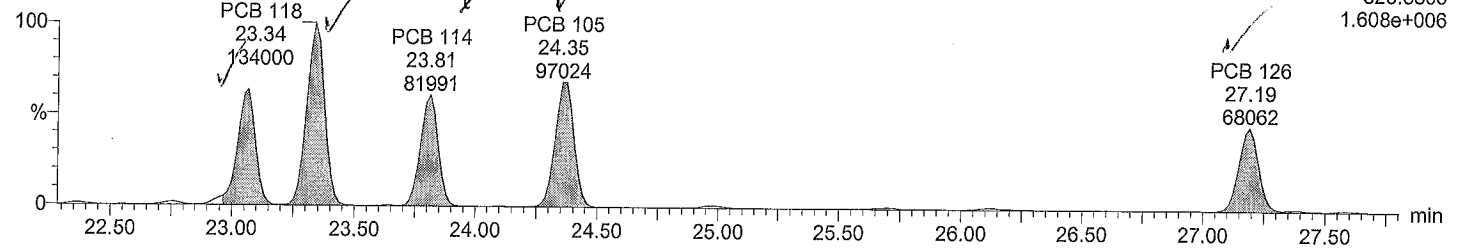
Time: 22:59:48

Instrument:

Total PeCB F5

M2161205B05 Smooth(SG,2x1)

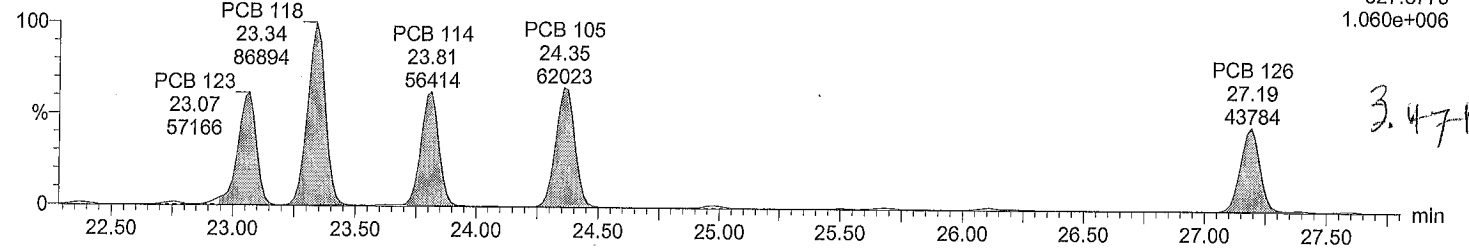
MATSPK% WS#4779396/4767897, TI, DIS272



Total PeCB F5

M2161205B05 Smooth(SG,2x1)

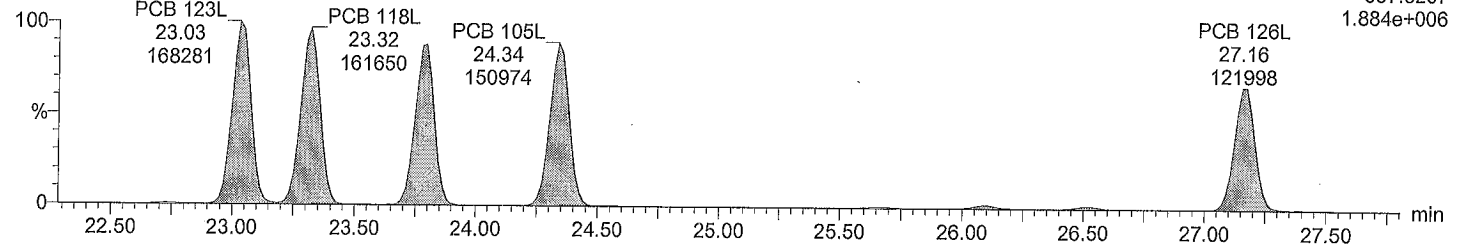
MATSPK% WS#4779396/4767897, TI, DIS272



Total PeCB labeled F5

M2161205B05 Smooth(SG,3x1)

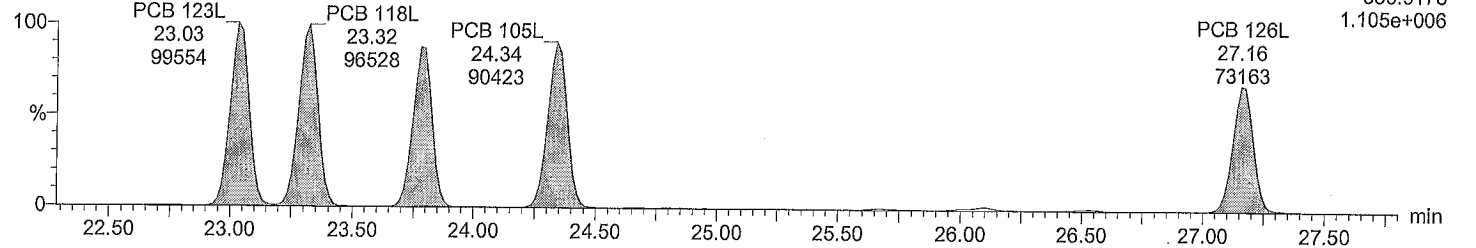
MATSPK% WS#4779396/4767897, TI, DIS272



Total PeCB labeled F5

M2161205B05 Smooth(SG,3x1)

MATSPK% WS#4779396/4767897, TI, DIS272



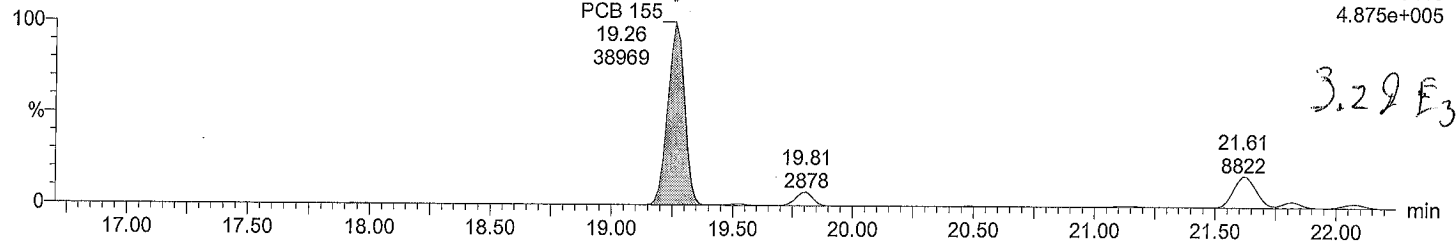
Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Tuesday, December 06, 2016 5:32:35 PM
Printed: Tuesday, December 06, 2016 5:33:41 PM

Description: MATSPK%
Vial: 5
Date: 05-Dec-2016
Time: 22:59:48
Instrument:

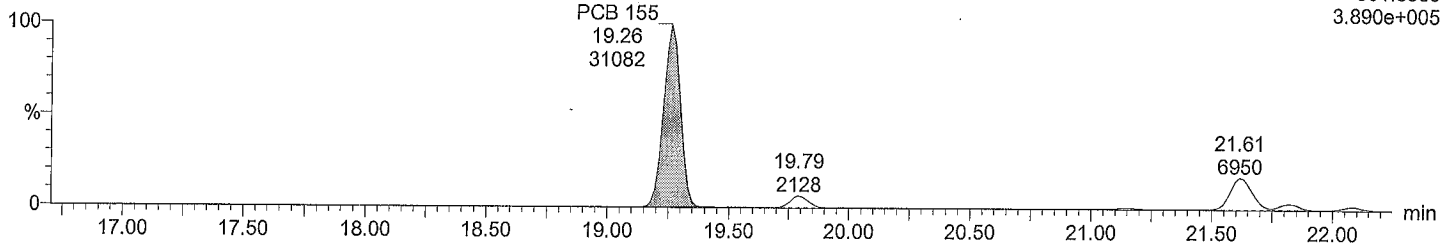
Total HxCB F4

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272



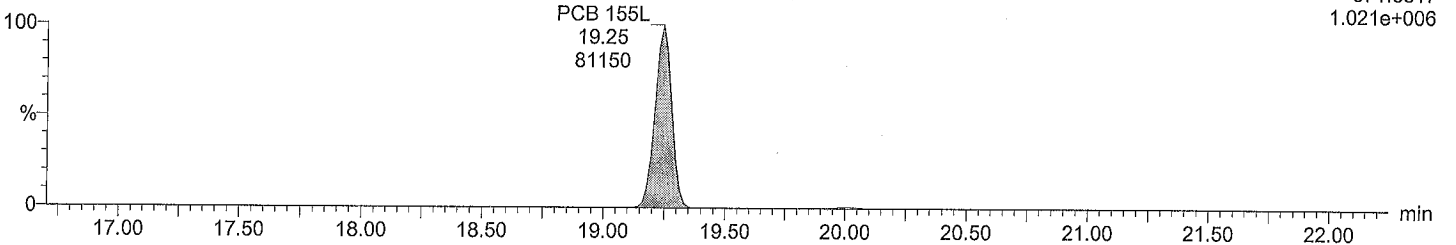
Total HxCB F4

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272



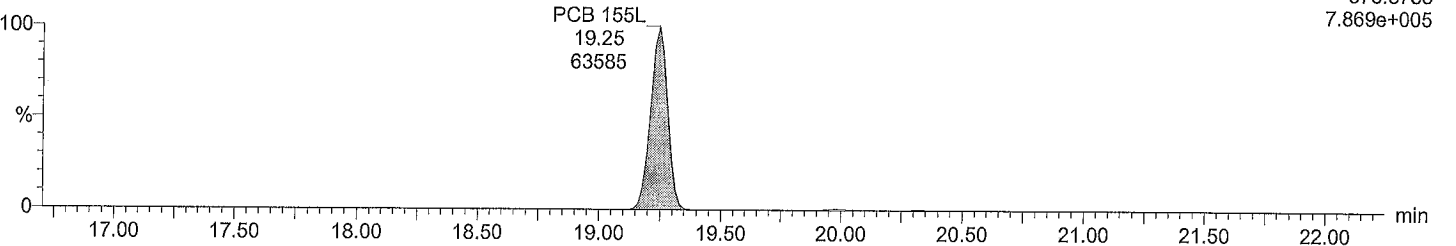
Total HxCB labeled F4

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272



Total HxCB labeled F4

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272



Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

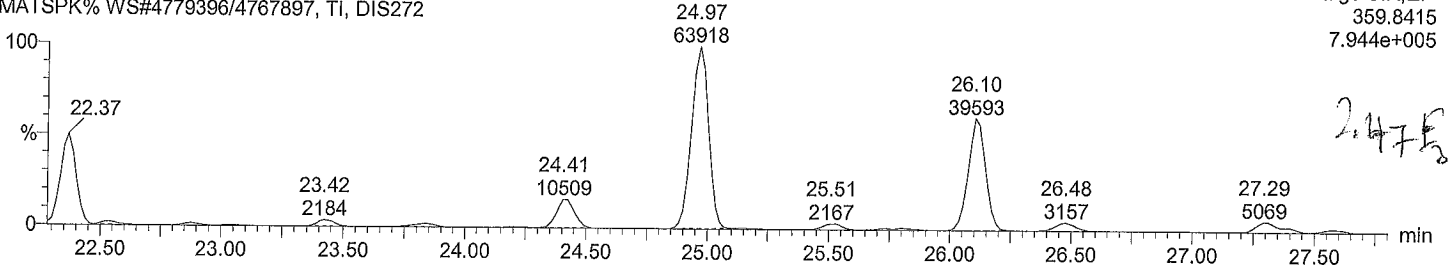
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Printed: Tuesday, December 06, 2016 5:33:41 PM

Description: MATSPK%
Vial: 5
Date: 05-Dec-2016
Time: 22:59:48
Instrument:

Total HxCB F5

M2161205B05 Smooth(SG,1x1)
MATSPK% WS#4779396/4767897, TI, DIS272

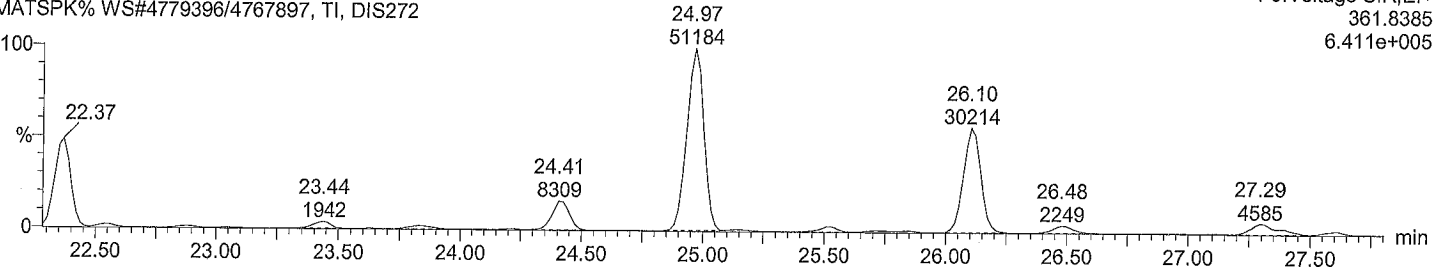
F5:Voltage SIR,EI+
359.8415
7.944e+005



Total HxCB F5

M2161205B05 Smooth(SG,1x1)
MATSPK% WS#4779396/4767897, TI, DIS272

F5:Voltage SIR,EI+
361.8385
6.411e+005

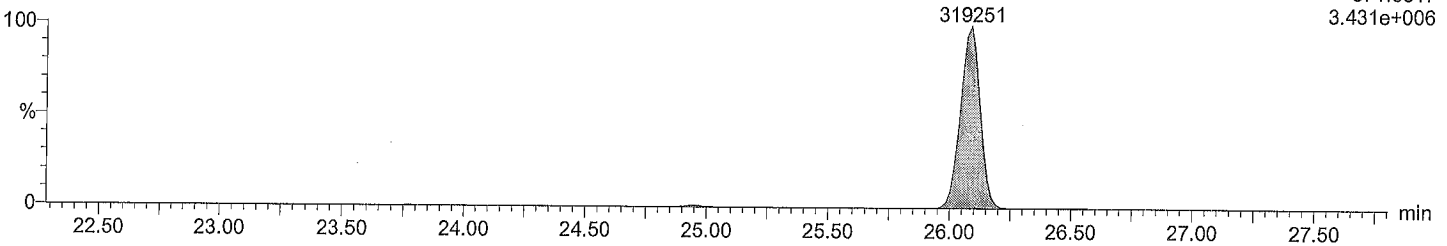


Total HxCB labeled F5

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272

PCB 138L
26.09
319251

F5:Voltage SIR,EI+
371.8817
3.431e+006

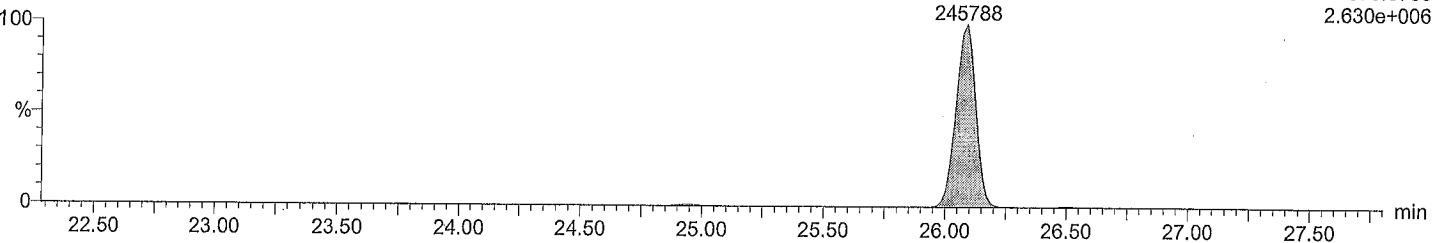


Total HxCB labeled F5

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272

PCB 138L
26.09
245788

F5:Voltage SIR,EI+
373.8788
2.630e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Tuesday, December 06, 2016 5:32:35 PM

Printed: Tuesday, December 06, 2016 5:33:41 PM

Description: MATSPK%

Vial: 5

Date: 05-Dec-2016

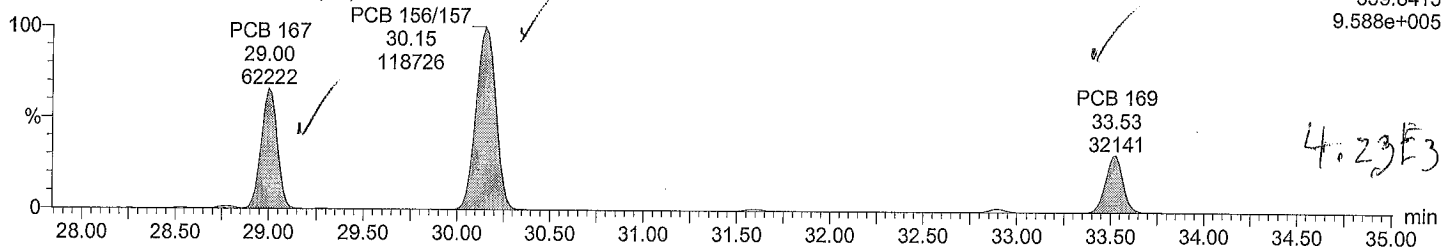
Time: 22:59:48

Instrument:

Total HxCB F6

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272

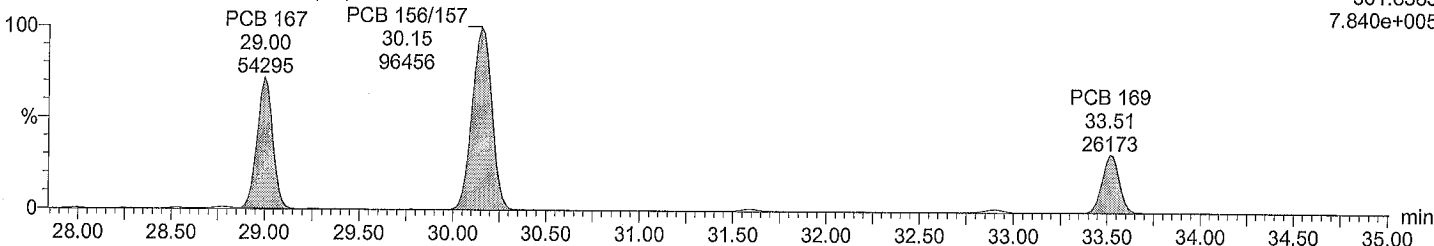
F6:Voltage SIR,EI+
359.8415
9.588e+005



Total HxCB F6

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272

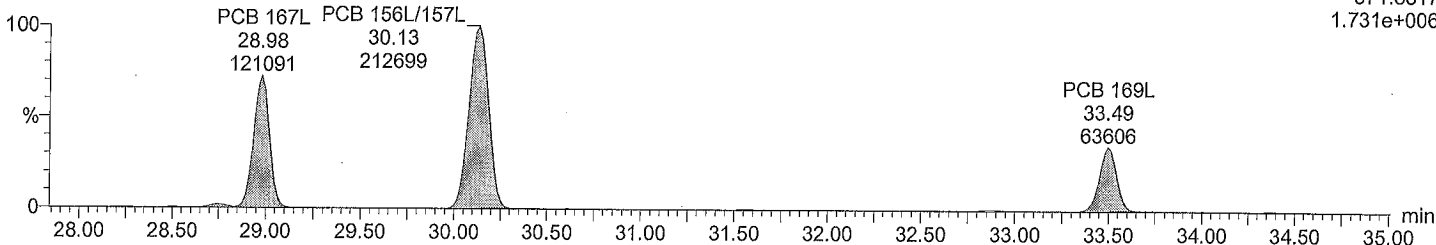
F6:Voltage SIR,EI+
361.8385
7.840e+005



Total HxCB labeled F6

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272

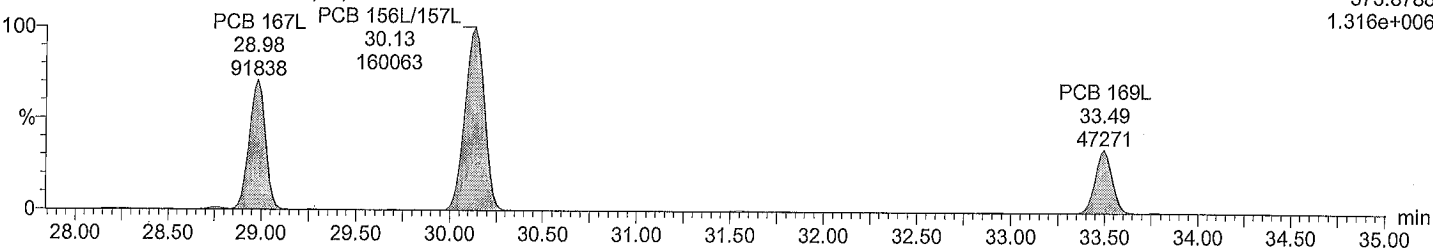
F6:Voltage SIR,EI+
371.8817
1.731e+006



Total HxCB labeled F6

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272

F6:Voltage SIR,EI+
373.8788
1.316e+006



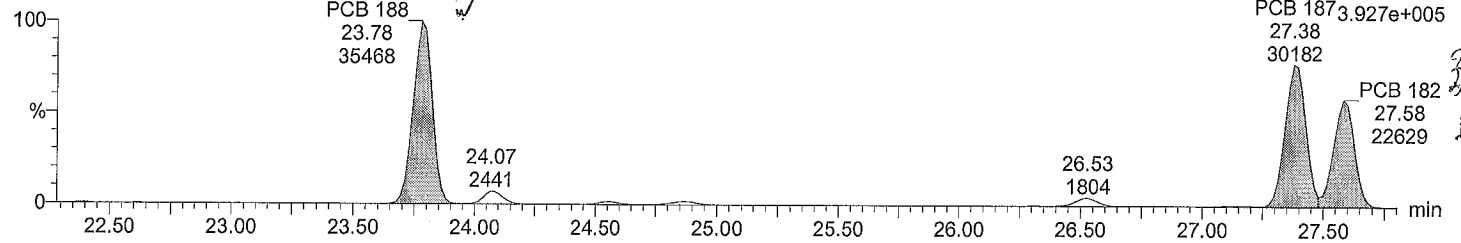
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Printed: Tuesday, December 06, 2016 5:33:41 PM

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Vial: 5
Date: 05-Dec-2016
Time: 22:59:48
Instrument:

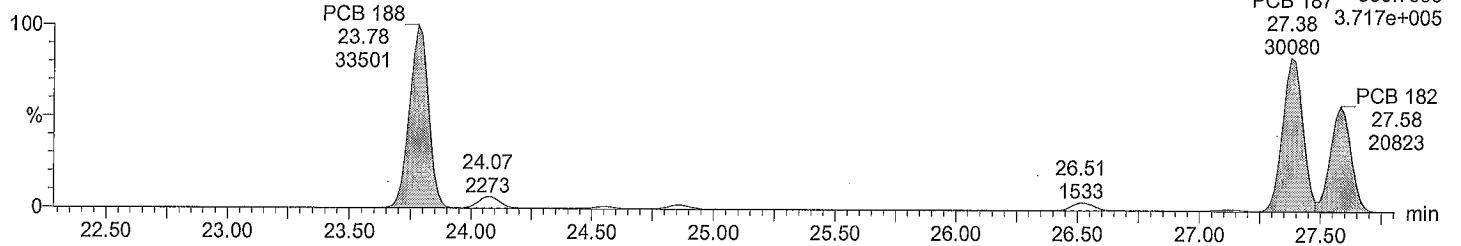
Total HpCB F5

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272



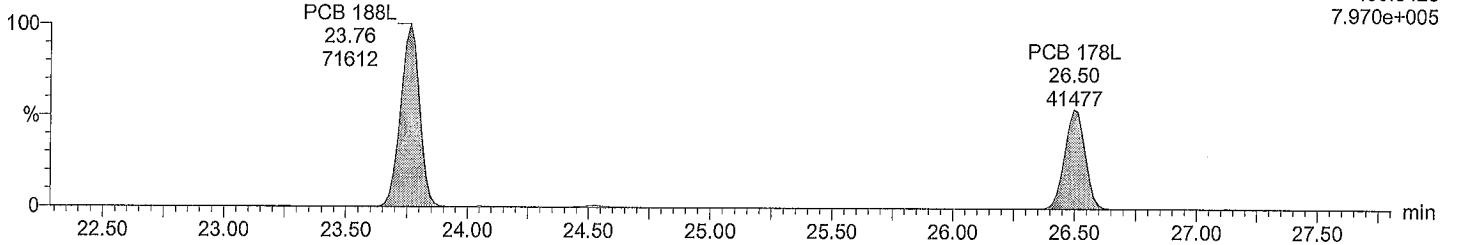
Total HpCB F5

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272



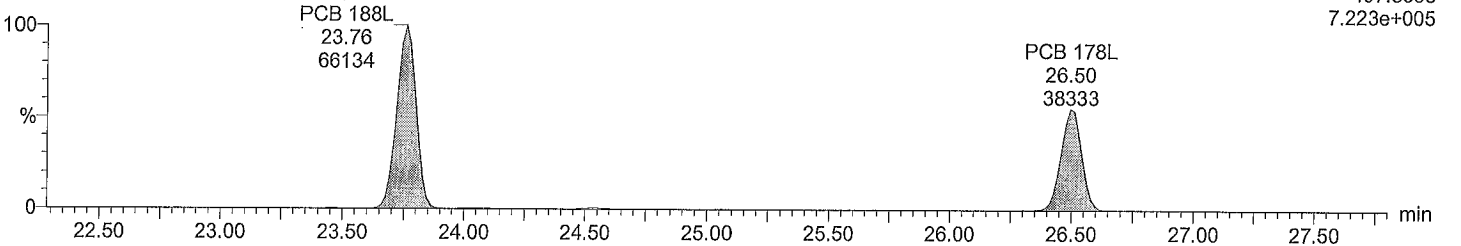
Total HpCB labeled F5

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272



Total HpCB labeled F5

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272



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Printed: Tuesday, December 06, 2016 5:33:41 PM

Description: MATSPK%

Vial: 5

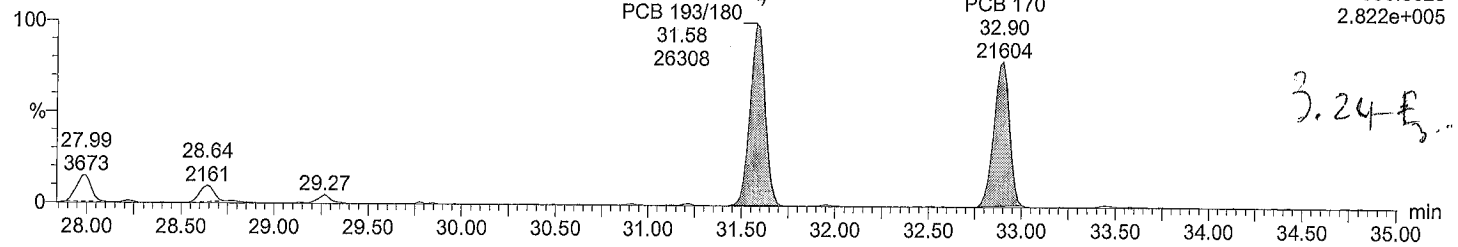
Date: 05-Dec-2016

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Instrument:

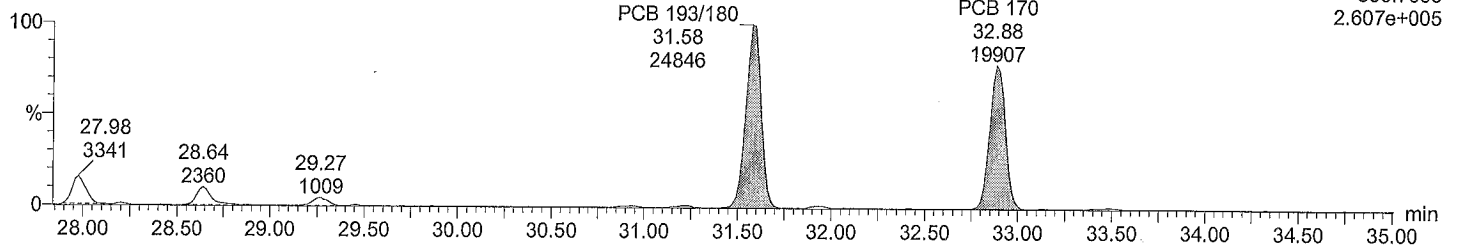
Total HpCB F6

M2161205B05 Smooth(SG,1x1)
MATSPK% WS#4779396/4767897, TI, DIS272



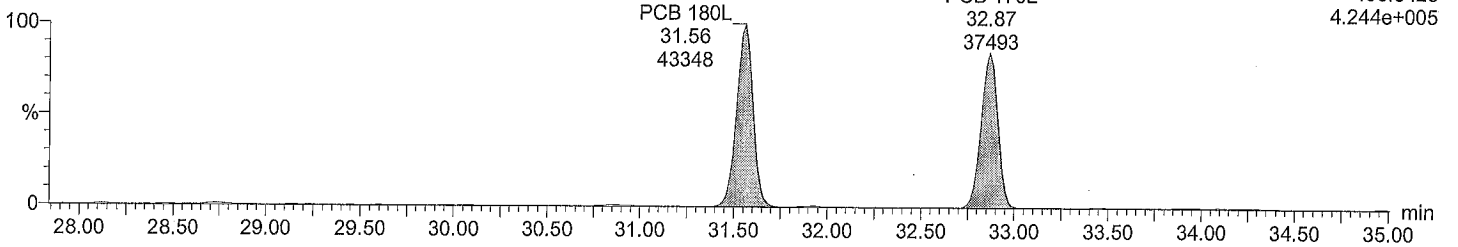
Total HpCB F6

M2161205B05 Smooth(SG,1x1)
MATSPK% WS#4779396/4767897, TI, DIS272



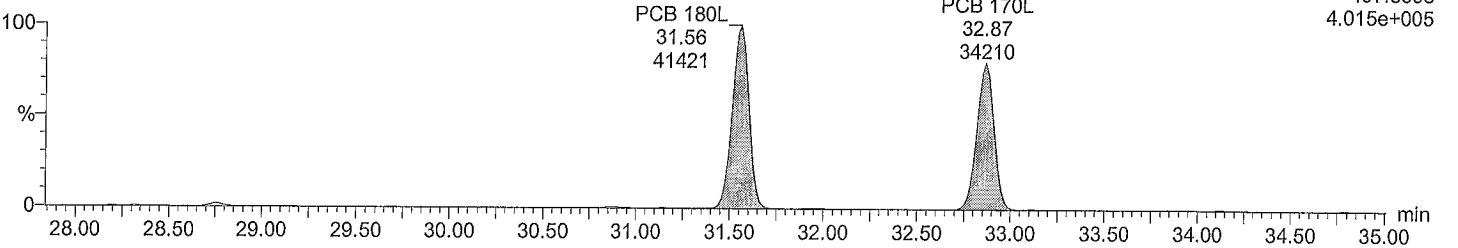
Total HpCB labeled F6

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272



Total HpCB labeled F6

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272



Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

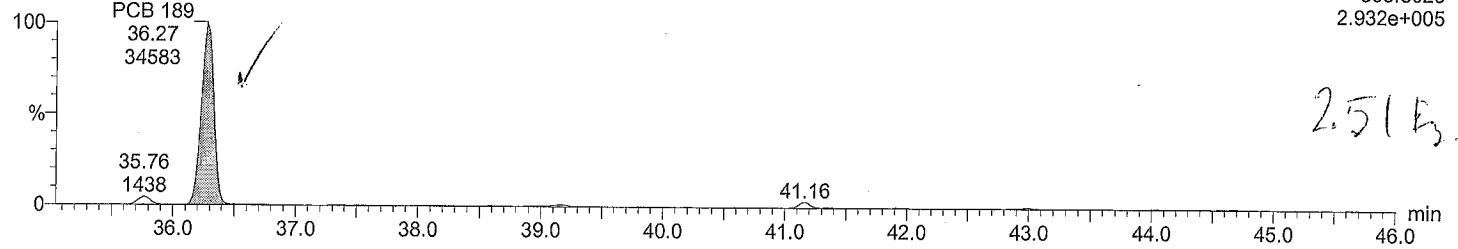
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Printed: Tuesday, December 06, 2016 5:33:41 PM

Description: MATSPK%
Vial: 5
Date: 05-Dec-2016
Time: 22:59:48
Instrument:

Total HpCB F7

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272

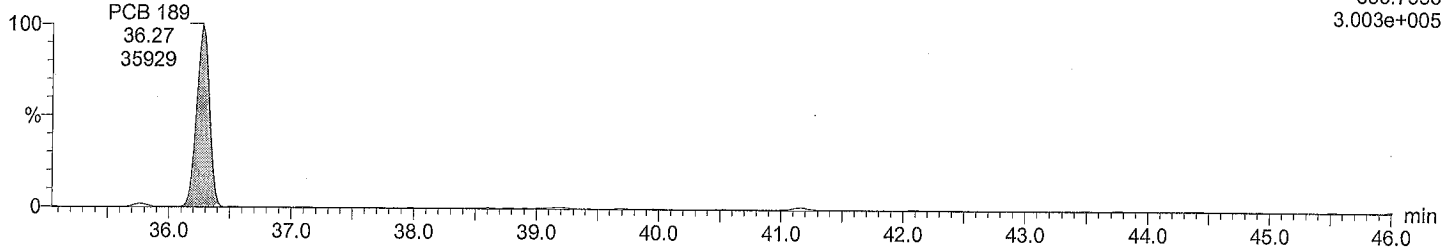
F7:Voltage SIR,EI+
393.8025
2.932e+005



Total HpCB F7

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272

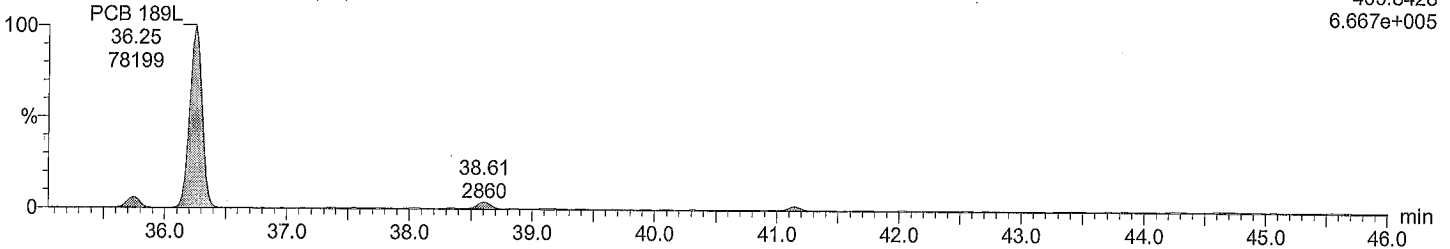
F7:Voltage SIR,EI+
395.7995
3.003e+005



Total HpCB labeled F7

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272

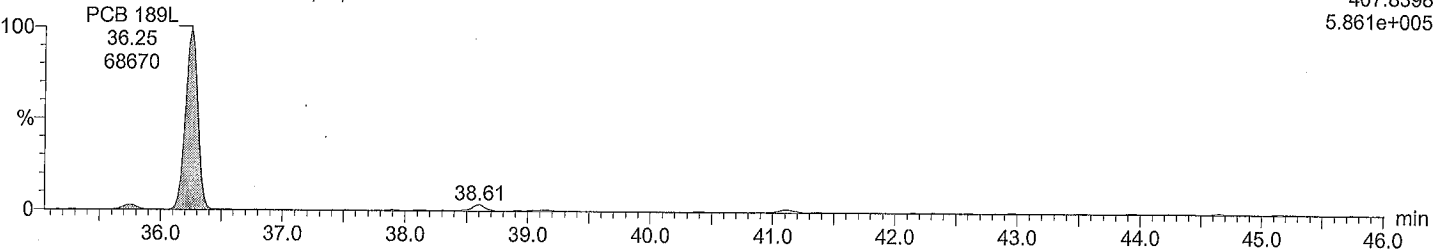
F7:Voltage SIR,EI+
405.8428
6.667e+005



Total HpCB labeled F7

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272

F7:Voltage SIR,EI+
407.8398
5.861e+005



Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

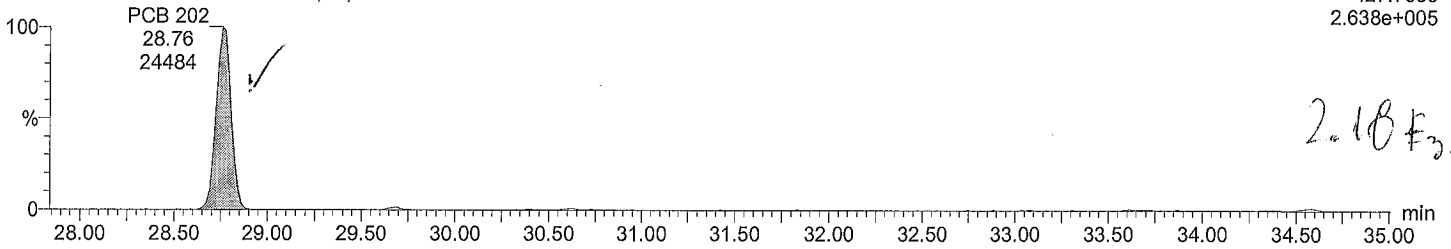
Last Altered: Tuesday, December 06, 2016 5:32:35 PM
Printed: Tuesday, December 06, 2016 5:33:41 PM

Description: MATSPK%
Vial: 5
Date: 05-Dec-2016
Time: 22:59:48
Instrument:

Total OcCB F6

M2161205B05 Smooth(SG,1x1)
MATSPK% WS#4779396/4767897, TI, DIS272

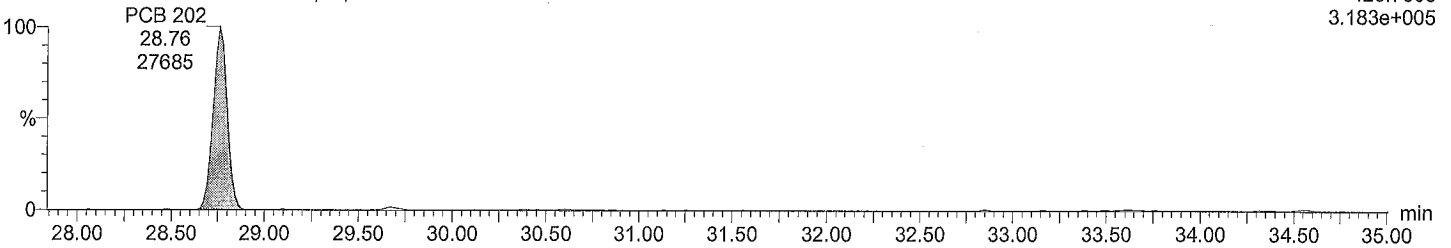
F6:Voltage SIR,EI+
427.7635
2.638e+005



Total OcCB F6

M2161205B05 Smooth(SG,1x1)
MATSPK% WS#4779396/4767897, TI, DIS272

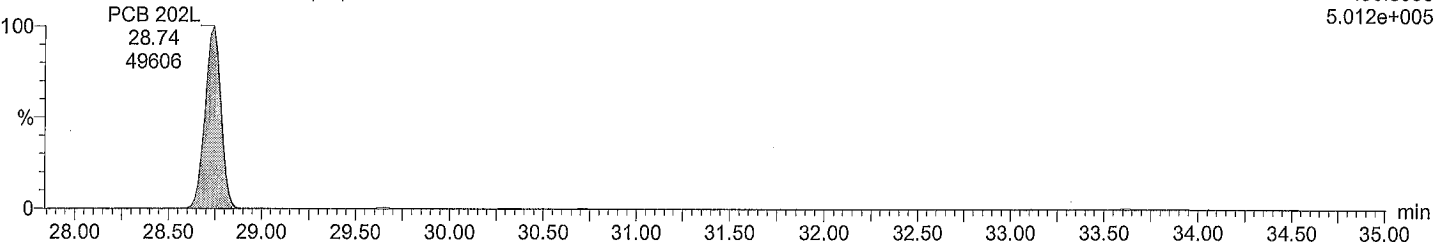
F6:Voltage SIR,EI+
429.7606
3.183e+005



Total OcCB labeled F6

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272

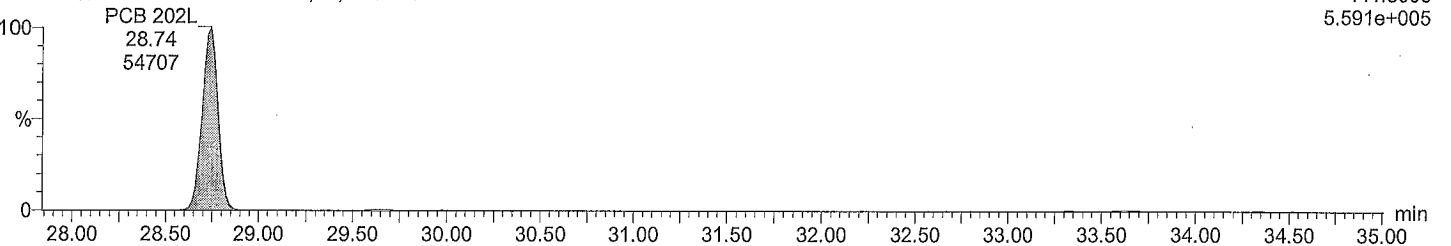
F6:Voltage SIR,EI+
439.8038
5.012e+005



Total OcCB labeled F6

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272

F6:Voltage SIR,EI+
441.8008
5.591e+005



Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

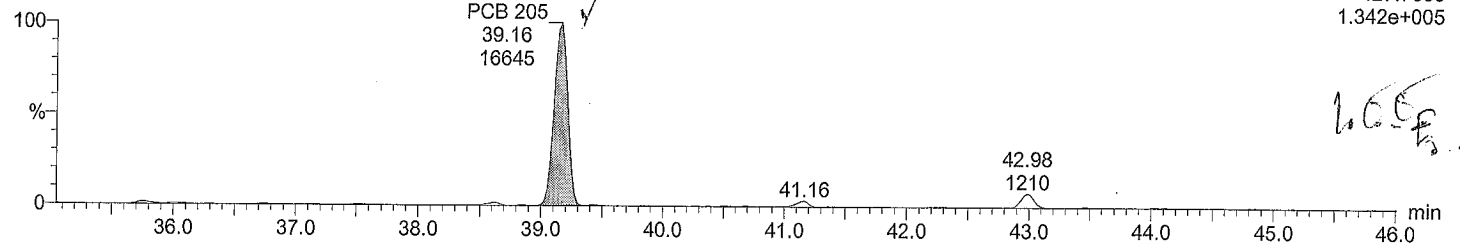
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Printed: Tuesday, December 06, 2016 5:33:41 PM

Description: MATSPK%
Vial: 5
Date: 05-Dec-2016
Time: 22:59:48
Instrument:

Total OoCB F7

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272

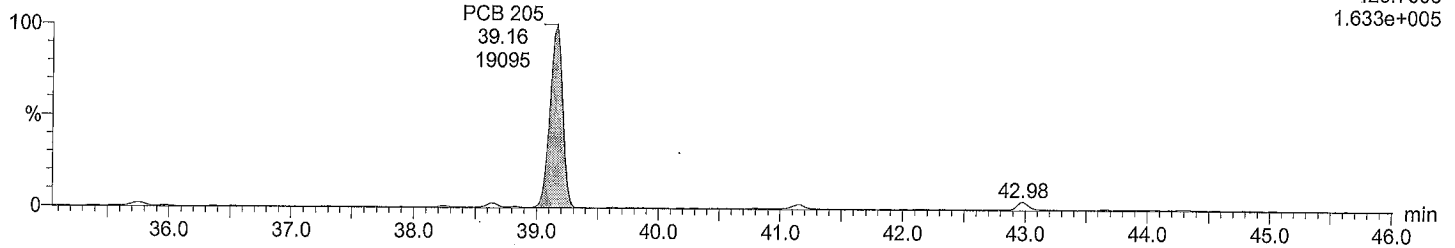
F7:Voltage SIR,EI+
427.7635
1.342e+005



Total OoCB F7

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272

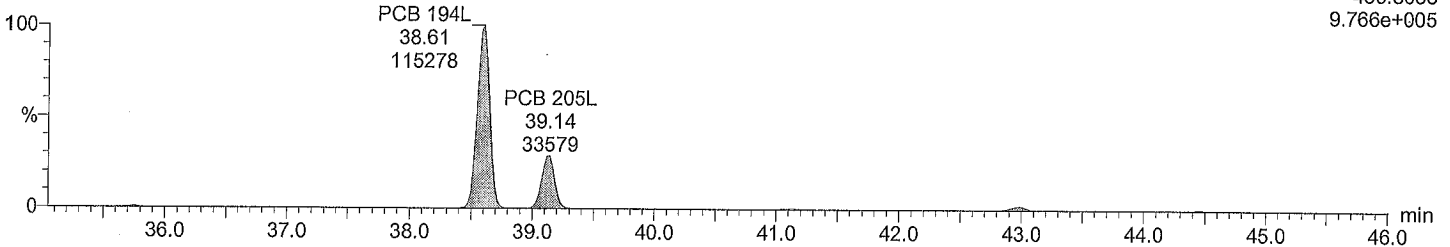
F7:Voltage SIR,EI+
429.7606
1.633e+005



Total OoCB labeled F7

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272

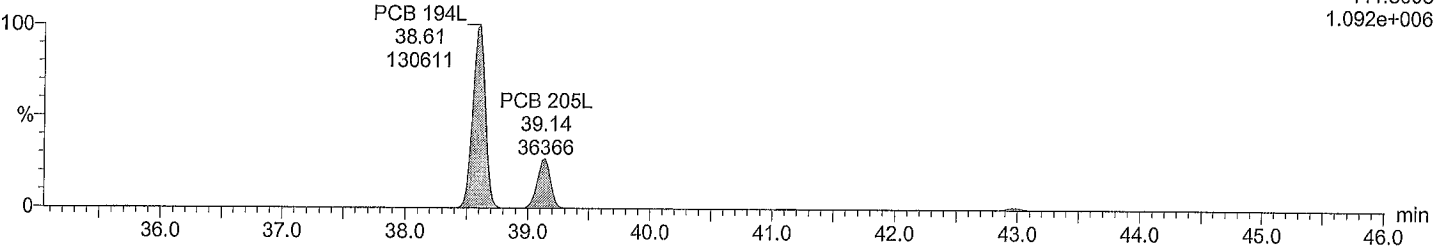
F7:Voltage SIR,EI+
439.8038
9.766e+005



Total OoCB labeled F7

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272

F7:Voltage SIR,EI+
441.8008
1.092e+006



Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

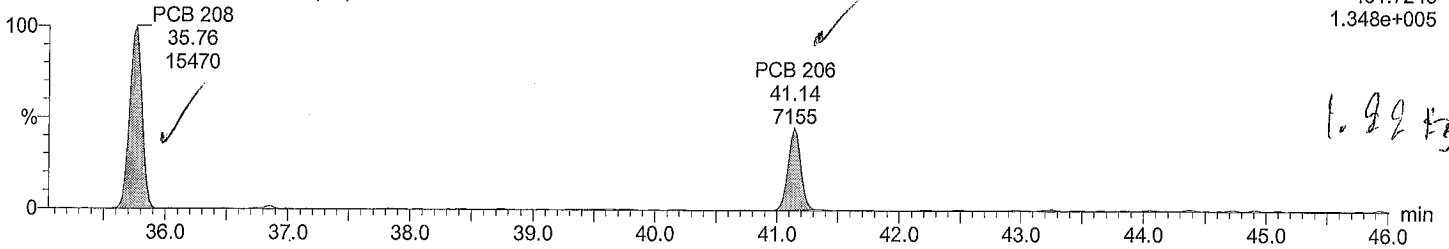
Last Altered: Tuesday, December 06, 2016 5:32:35 PM
Printed: Tuesday, December 06, 2016 5:33:41 PM

Description: MATSPK%
Vial: 5
Date: 05-Dec-2016
Time: 22:59:48
Instrument:

Total NoCB F7

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272

F7:Voltage SIR,EI+
461.7246
1.348e+005

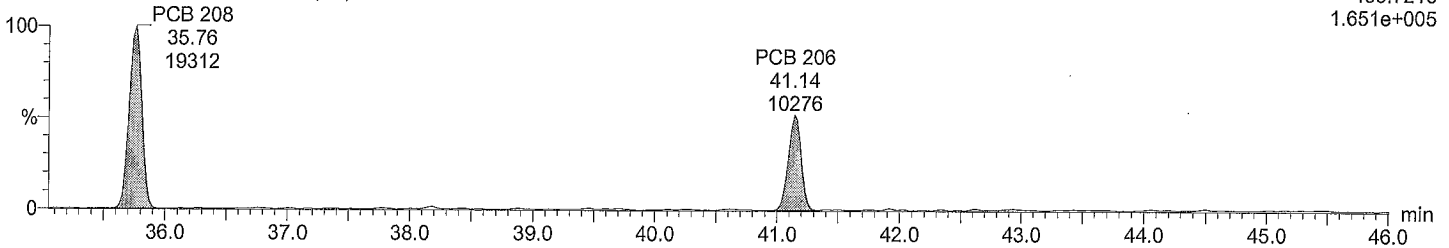


1.92 F7

Total NoCB F7

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272

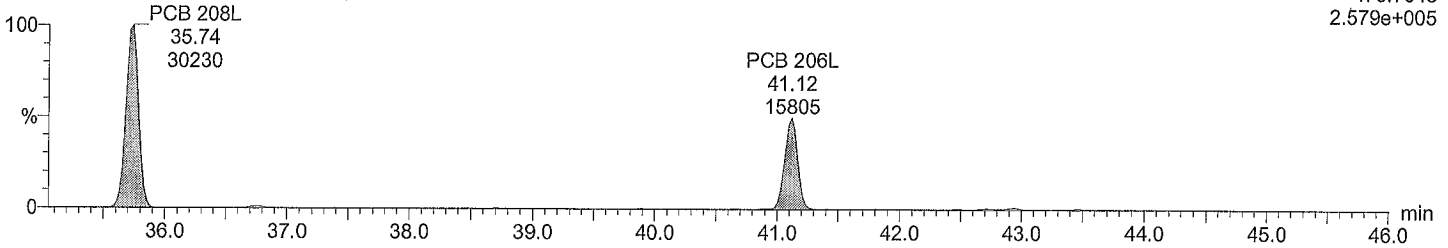
F7:Voltage SIR,EI+
463.7216
1.651e+005



Total NoCB labeled F7

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272

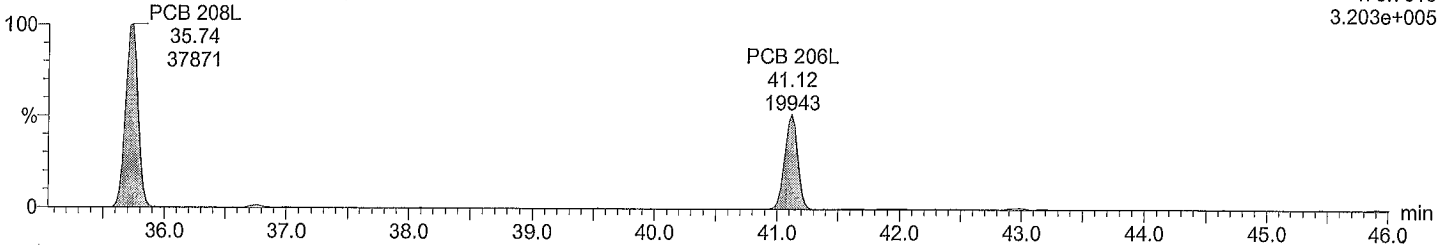
F7:Voltage SIR,EI+
473.7648
2.579e+005



Total NoCB labeled F7

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272

F7:Voltage SIR,EI+
475.7619
3.203e+005



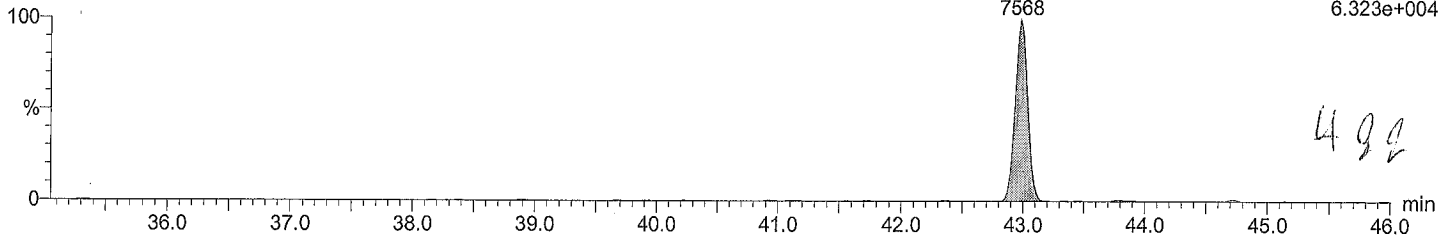
Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Tuesday, December 06, 2016 5:32:35 PM
Printed: Tuesday, December 06, 2016 5:33:41 PM

Description: MATSPK%
Vial: 5
Date: 05-Dec-2016
Time: 22:59:48
Instrument:

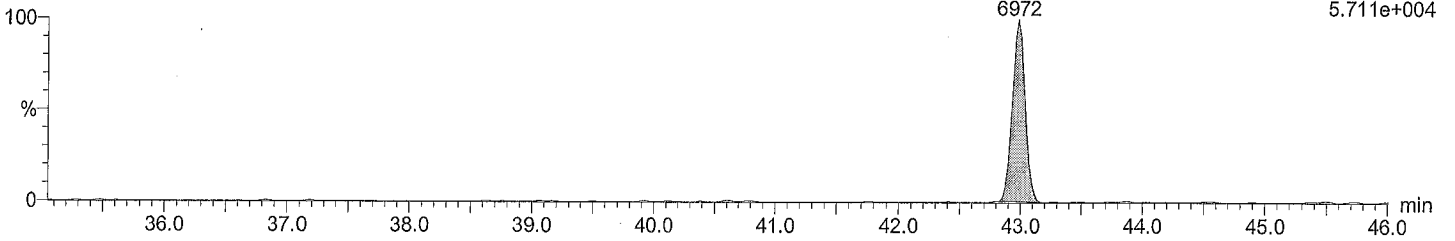
Total DeCB F7

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272



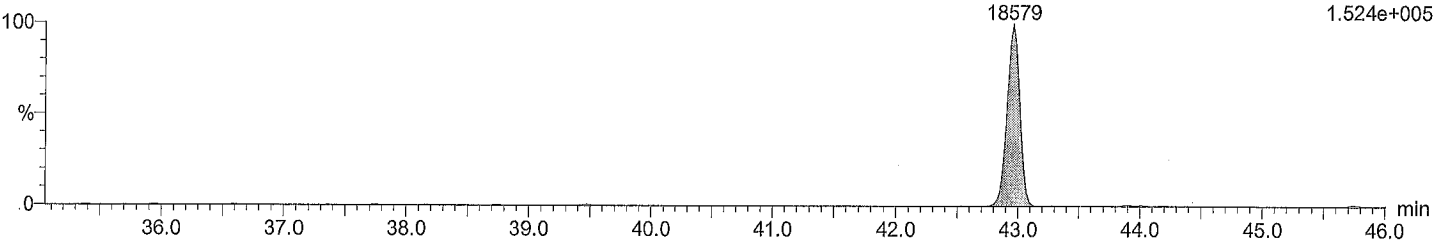
Total DeCB F7

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272



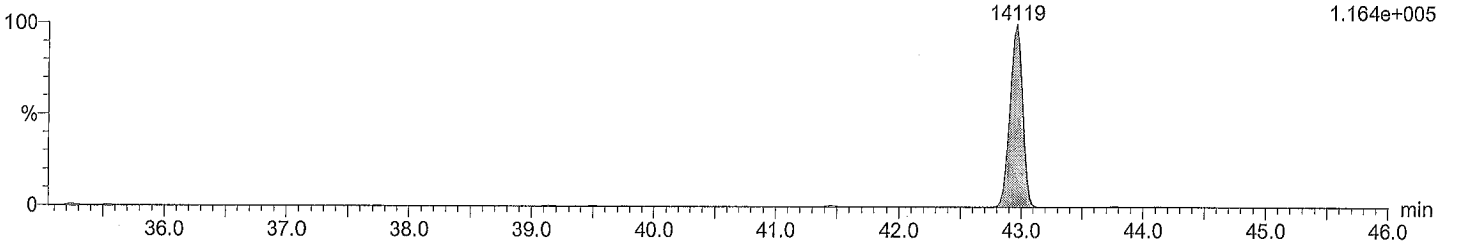
Total DeCB labeled F7

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272



Total DeCB labeled F7

M2161205B05 Smooth(SG,3x1)
MATSPK% WS#4779396/4767897, TI, DIS272



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Tuesday, December 06, 2016 5:32:35 PM

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Description: MATSPK%

Vial: 5

Date: 05-Dec-2016

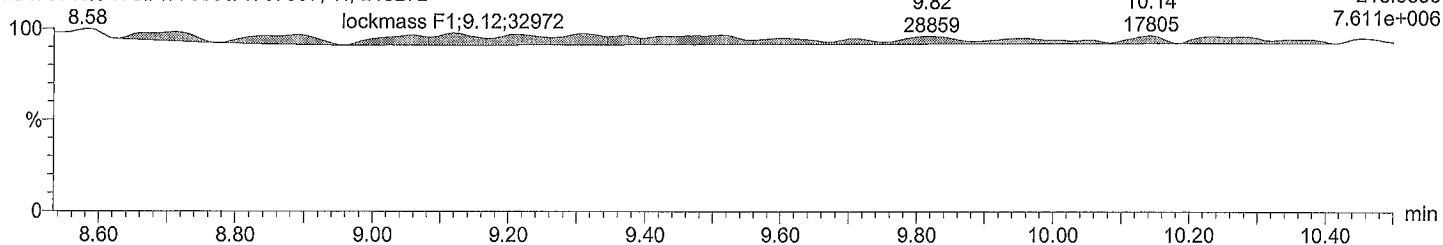
Time: 22:59:48

Instrument:

lockmass F1

M2161205B05 Smooth(SG,3x1)

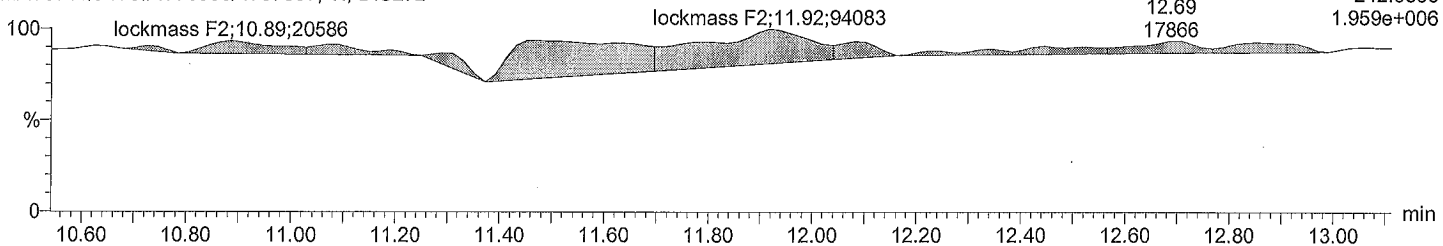
MATSPK% WS#4779396/4767897, TI, DIS272



lockmass F2

M2161205B05 Smooth(SG,3x1)

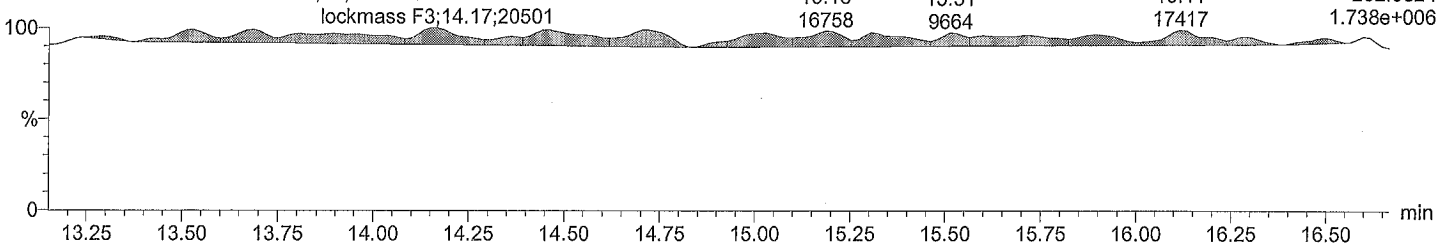
MATSPK% WS#4779396/4767897, TI, DIS272



lockmass F3

M2161205B05 Smooth(SG,3x1)

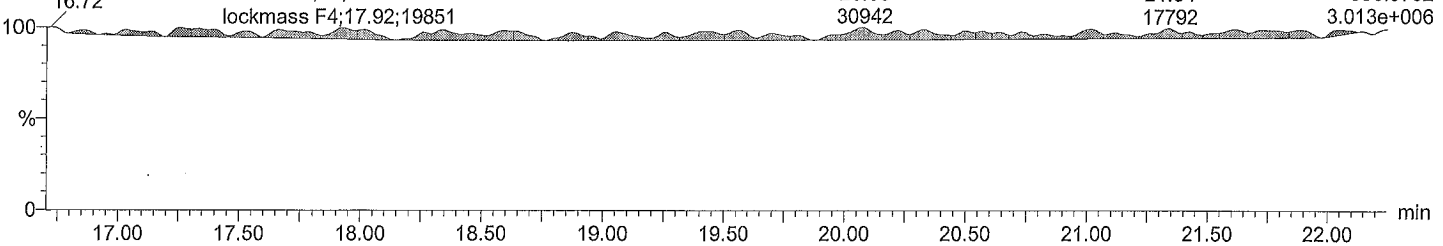
MATSPK% WS#4779396/4767897, TI, DIS272



lockmass F4

M2161205B05 Smooth(SG,3x1)

MATSPK% WS#4779396/4767897, TI, DIS272



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Tuesday, December 06, 2016 5:32:35 PM

Printed: Tuesday, December 06, 2016 5:33:41 PM

Description: MATSPK%

Vial: 5

Date: 05-Dec-2016

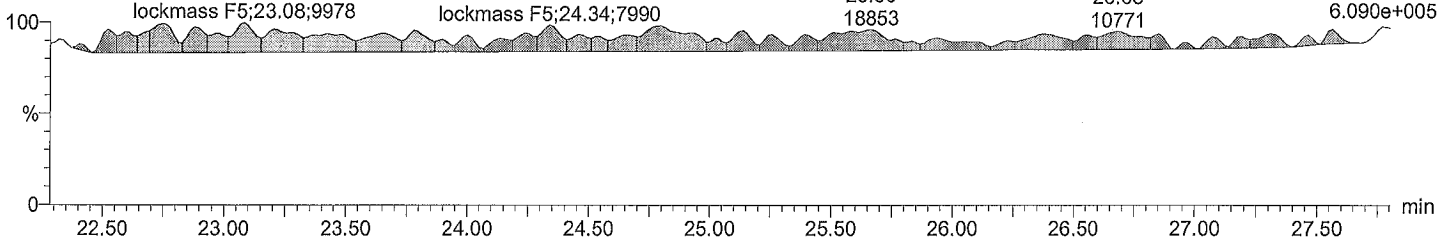
Time: 22:59:48

Instrument:

lockmass F5

M2161205B05 Smooth(SG,3x1)

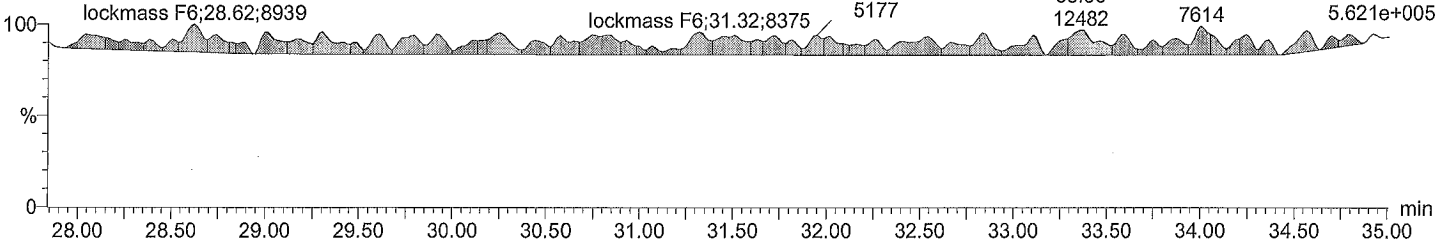
MATSPK% WS#4779396/4767897, TI, DIS272



lockmass F6

M2161205B05 Smooth(SG,3x1)

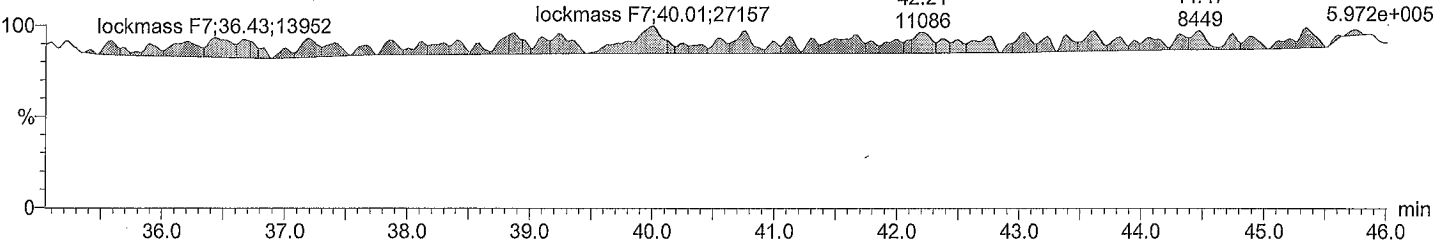
MATSPK% WS#4779396/4767897, TI, DIS272



lockmass F7

M2161205B05 Smooth(SG,3x1)

MATSPK% WS#4779396/4767897, TI, DIS272



Analysis Type :

M2161205B03

*BW
20161214*

Maxxam ID # :

Analyte:

Instr. File Name :

Injection Date :
Injection Time :

SAMPLE DATA: the following is applicable to all reported HRMS analyte calculations

DAILY RFS
Using post concal

Analyte Area (Primary + Secondary Ions) = =A

Recovery Standard Area (Primary + Secondary Ions) = =B

Internal Standard Area (Primary + Secondary Ions) = =C

Amount of Recovery Standard added to the Extract (pg, ng) = =D

Amount of Internal Std. added to the sample (pg, ng) = =E

Average RRF of Analyte = =F

RRF of Internal Standard = =G

Amount of Sample Extracted (g or L) = =H

SPLIT / Dilution Factor = =I

Analyte Conc. (pg/g, pg/L, Total pg) = =A*E/(C*H*F)*I
or (ng/g, ng/L, Total ng) =

Internal Standard Recovery (%) = =C*D*100/(B*E*G)

LABORATORY SPIKED BLANK

| | | | | |
|------------------------------|------------------------------|-----------------|------------------|--------------------------|
| Lab Name | <u>Maxxam Analytics Inc.</u> | | Lab Sample ID: | <u>B6N4556-4779396S</u> |
| Method | <u>EPA 1668A m</u> | | Project Number: | <u>PORT GAMBLE</u> |
| Matrix: | <u>tissue</u> | | Project Name: | <u></u> |
| Sample wt/vol: | <u>10.00</u> | (g) | Lab File ID: | <u>M2161205B03</u> |
| Level (low/med): | <u>low</u> | | Date Received: | <u>Not applicable</u> |
| % Moisture: | <u>N/A</u> | Decanted (Y/N): | Date Extracted: | <u>November 28, 2016</u> |
| Concentrated Extract Volume: | <u>100</u> | (uL) | Lab Batch: | <u>4779396</u> |
| Injection Volume: | <u>1</u> | (uL) | Date Analyzed: | <u>December 5, 2016</u> |
| Acid Wash Cleanup (Y/N): | <u>N</u> | | Calib. Ref.: | <u>November 29, 2016</u> |
| Carbon Column Cleanup (Y/N): | <u>N</u> | | Time Analyzed: | <u>21:19</u> |
| GPC Column Cleanup (Y/N): | <u>N</u> | | pH | <u>Not analyzed</u> |
| | | | Dilution Factor: | <u>1</u> |

| CAS Number | Compound | Concentration (ng/g) | Spike Level (ng/g) | Recovery (%) | Acceptance Criteria (%) |
|-----------------|---------------------------------|----------------------|-------------------------|--------------|-------------------------|
| 38444-73-4 | 22'6'-TriCB-(19) | 1.03 | 1.00 | 103 | 50 - 150 |
| 2136-99-4 | 22'33'55'66'-OctaCB-(202) | 1.04 | 1.00 | 104 | 50 - 150 |
| 74472-53-0 | 233'44'55'6'-OctaCB-(205) | 1.05 | 1.00 | 105 | 50 - 150 |
| 40186-72-9 | 22'33'44'55'6'-NonaCB-(206) | 1.10 | 1.00 | 110 | 50 - 150 |
| 52663-77-1 | 22'33'455'66'-NonaCB-(208) | 1.06 | 1.00 | 106 | 50 - 150 |
| 2051-24-3 | DecaCB-(209) | 0.990 | 1.00 | 99 | 50 - 150 |
| 55720-44-0 | 235'-TriCB-(23) | 1.00 | 1.00 | 100 | 50 - 150 |
| 2051-62-9 | 4'-MonoCB-(3) | 1.32 | 1.00 | 132 | 50 - 150 |
| 37680-68-5 | 23'5'-TriCB-(34) | 0.920 | 1.00 | 92 | 50 - 150 |
| 38444-90-5 | 344'-TriCB-(37) | 1.25 | 1.00 | 125 | 50 - 150 |
| 13029-08-8 | 22'-DiCB-(4) | 1.00 | 1.00 | 100 | 50 - 150 |
| 15968-05-5 | 22'66'-TetraCB-(54) | 1.06 | 1.00 | 106 | 50 - 150 |
| 32598-13-3 | 33'44'-TetraCB-(77) | 1.20 | 1.00 | 120 | 50 - 150 |
| 2051-60-7 | 2'-MonoCB-(1) | 1.23 | 1.00 | 123 | 50 - 150 |
| 56558-16-8 | 22'466'-PentaCB-(104) | 1.04 | 1.00 | 104 | 50 - 150 |
| 32598-14-4 | 233'44'-PentaCB-(105) | 1.25 | 1.00 | 125 | 50 - 150 |
| 74472-37-0 | 2344'5'-PentaCB-(114) | 1.22 | 1.00 | 122 | 50 - 150 |
| 31508-00-6 | 23'44'5'-PentaCB-(118) | 1.29 | 1.00 | 129 | 50 - 150 |
| 65510-44-3 | 23'44'5'-PentaCB-(123) | 1.24 | 1.00 | 124 | 50 - 150 |
| 57465-28-8 | 33'44'5'-PentaCB-(126) | 1.23 | 1.00 | 123 | 50 - 150 |
| 2050-68-2 | 4,4'-DiCB-(15) | 1.22 | 1.00 | 122 | 50 - 150 |
| 33979-03-2 | 22'44'66'-HexaCB-(155) | 1.03 | 1.00 | 103 | 50 - 150 |
| 38380-08-4 | HexaCB-(156)+(157) | 2.50 | 2.00 | 125 | 50 - 150 |
| 52663-72-6 | 23'44'55'-HexaCB-(167) | 1.25 | 1.00 | 125 | 50 - 150 |
| 32774-16-6 | 33'44'55'-HexaCB-(169) | 1.21 | 1.00 | 121 | 50 - 150 |
| 35065-30-6 | 22'33'44'5'-HeptaCB-(170) | 1.12 | 1.00 | 112 | 50 - 150 |
| 35065-29-3 | HeptaCB-(180)+(193) | 0.910 | 1.00 | 91 | 50 - 150 |
| 60145-23-5 | 22'344'56'-HeptaCB-(182) | 1.04 | 1.00 | 104 | 50 - 150 |
| 52663-68-0 | 22'34'55'6'-HeptaCB-(187) | 1.08 | 1.00 | 108 | 50 - 150 |
| 74487-85-7 | 22'34'566'-HeptaCB-(188) | 1.03 | 1.00 | 103 | 50 - 150 |
| 39635-31-9 | 233'44'55'-HeptaCB-(189) | 1.15 | 1.00 | 115 | 50 - 150 |
| 70362-50-4 | 344'5'-TetraCB-(81) | 1.18 | 1.00 | 118 | 50 - 150 |
| CAS Number | Surrogate | Recovery (%) | Acceptance Criteria (%) | | |
| | C13-33'44'-TetraCB-(77) | 88 | 30 - 140 | | |
| | C13-344'5'-TetraCB-(81) | 88 | 30 - 140 | | |
| | C13-4'-MonoCB-(3) | 77 | 15 - 140 | | |
| | C13-344'-TriCB-(37) | 90 | 30 - 140 | | |
| | C13-22'-DiCB-(4) | 90 | 30 - 140 | | |
| | C13-22'66'-TetraCB-(54) | 107 | 30 - 140 | | |
| | C13-233'44'55'-HeptaCB-(189) | 104 | 30 - 140 | | |
| | C13-22'6'-TriCB-(19) | 86 | 30 - 140 | | |
| | C13-22'33'55'66'-OctaCB-(202) | 97 | 30 - 140 | | |
| | C13-233'44'55'6'-OctaCB-(205) | 96 | 30 - 140 | | |
| | C13-22'33'44'55'6'-NonaCB-(206) | 104 | 30 - 140 | | |
| | C13-22'33'455'66'-NonaCB-(208) | 95 | 30 - 140 | | |
| 105600-27-9 | C13-DecaCB-(209) | 118 | 30 - 140 | | |
| | C13-2,44'-TriCB-(28) | 92 | 40 - 125 | | |

LABORATORY SPIKED BLANK

Lab Name Maxxam Analytics Inc.
 Method EPA 1668A m
 Matrix: tissue
 Sample wt/vol: 10.00 (g) g (dry weight)
 Level (low/med): low
 % Moisture: N/A Decanted (Y/N): N
 Concentrated Extract Volume: 100 (uL)
 Injection Volume: 1 (uL)
 Acid Wash Cleanup (Y/N): N pH Not analyzed
 Carbon Column Cleanup (Y/N): N
 GPC Column Cleanup (Y/N): N

Lab Sample ID: B6N4556-4779396S
 Project Number: PORT GAMBLE
 Project Name: _____
 Lab File ID: M2161205B03
 Date Received: Not applicable
 Date Extracted: November 28, 2016
 Lab Batch: 4779396
 Date Analyzed: December 5, 2016
 Calib. Ref.: November 29, 2016
 Time Analyzed: 21:19
 Dilution Factor: 1

| CAS Number | Compound | Concentration (%) | Spike Level (%) | Recovery (%) | Acceptance Criteria (%) |
|------------|------------------------------|-------------------|-------------------------|--------------|-------------------------|
| CAS Number | Surrogate | Recovery (%) | Acceptance Criteria (%) | | |
| | C13-22'466'-PentaCB-(104) | 104 | 30 - 140 | | |
| | C13-233'44'-PentaCB-(105) | 95 | 30 - 140 | | |
| | C13-233'55'-PentaCB-(111) | 89 | 40 - 125 | | |
| | C13-2344'5-PentaCB-(114) | 96 | 30 - 140 | | |
| | C13-23'44'5-PentaCB-(118) | 95 | 30 - 140 | | |
| | C13-2'344'5-PentaCB-(123) | 95 | 30 - 140 | | |
| | C13-33'44'5-PentaCB-(126) | 92 | 30 - 140 | | |
| | C13-44'-DiCB-(15) | 91 | 30 - 140 | | |
| | C13-22'44'66'-HexaCB-(155) | 102 | 30 - 140 | | |
| | C13-HexaCB-(156)+(157) | 93 | 30 - 140 | | |
| | C13-23'44'55'-HexaCB-(167) | 97 | 30 - 140 | | |
| | C13-33'44'55'-HexaCB-(169) | 69 | 30 - 140 | | |
| | C13-22'33'44'5-HeptaCB-(170) | 92 | 30 - 140 | | |
| | C13-22'33'55'6-HeptaCB-(178) | 101 | 40 - 125 | | |
| | C13-22'344'55'-HeptaCB-(180) | 92 | 30 - 140 | | |
| | C13-22'34'566'-HeptaCB-(188) | 98 | 30 - 140 | | |
| | C13-2-MonoCB-(1) | 82 | 15 - 140 | | |

Not PLO

Sample ID **SPIKE%**

Comments

Instrument File Ultima 3

Sample Size 10

Dil Fac 1.00

| Name | mass | RT | Area | ratio | Tot Area | ng/g | Code | Isomers | DL | S/N | Mod | rf | Rec |
|--------------|-----------|--------|--------|-------|----------|----------|--------------------|---------|----------|-----|-----|-------|-----|
| 1 PCB 1 | 188 | 8.86 | 138260 | 3.46 | 178221 | 0.122898 | PCB 1 % Rec = 123 | | -0.0006 | 507 | no | 1.296 | - |
| | MoCB 190 | 8.84 | 39962 | yes | | | | | | 452 | | | |
| 2 PCB 2 | 188 | NotFnd | * | * | * | -0.00046 | | | -0.00046 | * | no | 1.697 | - |
| | MoCB 190 | 9.94 | * | no | | | | | | * | | | |
| 3 PCB 3 | 188 | 10.03 | 135394 | 3.12 | 178754 | 0.132424 | PCB 3 % Rec = 132 | | -0.00061 | 514 | no | 1.276 | - |
| | MoCB 190 | 10.02 | 43360 | yes | | | | | | 487 | | | |
| 4 PCB 4 | 222 | 10.15 | 30325 | 1.54 | 50072 | 0.100096 | PCB 4 % Rec = 100 | | -0.01242 | 193 | no | 1.186 | - |
| | DICB 224 | 10.14 | 19747 | yes | | | | | | 8 | | | |
| 5 PCB 10 | 222 | NotFnd | * | * | * | -0.0147 | | | -0.0147 | * | no | 1.002 | - |
| | DICB 224 | 10.23 | * | no | | | | | | * | | | |
| 6 PCB 9 | 222 | NotFnd | * | * | * | -0.00624 | | | -0.00624 | * | no | 2.318 | - |
| | DICB 224 | 11.03 | * | no | | | | | | * | | | |
| 7 PCB 7 | 222 | NotFnd | * | * | * | -0.00718 | | | -0.00718 | * | no | 2.015 | - |
| | DICB 224 | 11.12 | * | no | | | | | | * | | | |
| 8 PCB 6 | 222 | NotFnd | * | * | * | -0.00635 | | | -0.00635 | * | no | 2.278 | - |
| | DICB 224 | 11.22 | * | no | | | | | | * | | | |
| 9 PCB 5 | 222 | NotFnd | * | * | * | -0.00811 | | | -0.00811 | * | no | 1.783 | - |
| | DICB 224 | 11.33 | * | no | | | | | | * | | | |
| 10 PCB 8 | 222 | NotFnd | * | * | * | -0.00598 | | | -0.00598 | * | no | 2.416 | - |
| | DICB 224 | 11.39 | * | no | | | | | | * | | | |
| 11 PCB 14 | 222 | NotFnd | * | * | * | -0.00632 | | | -0.00632 | * | no | 2.288 | - |
| | DICB 224 | 12.08 | * | no | | | | | | * | | | |
| 12 PCB 11 | 222 | NotFnd | * | * | * | -0.00664 | | | -0.00664 | * | no | 2.176 | - |
| | DICB 224 | 12.45 | * | no | | | | | | * | | | |
| 13 PCB 13/12 | 222 | NotFnd | * | * | * | -0.00731 | | | -0.00731 | * | no | 1.978 | - |
| | DICB 224 | 12.59 | * | no | | | | | | * | | | |
| 14 PCB 15 | 222 | 12.73 | 123058 | 1.49 | 205865 | 0.122087 | PCB 15 % Rec = 122 | | -0.01388 | 318 | no | 1.042 | - |
| | DICB 224 | 12.73 | 82806 | yes | | | | | | 29 | | | |
| 15 PCB 19 | 256 | 11.51 | 29801 | 1.04 | 58567 | 0.103286 | PCB 19 % Rec = 103 | | -0.00183 | 379 | no | 1.156 | - |
| | TriCB 258 | 11.51 | 28765 | yes | | | | | | 375 | | | |
| 16 PCB 30/18 | 256 | NotFnd | * | * | * | -0.00245 | | | -0.00245 | * | no | 0.884 | - |
| | TriCB 258 | 12.32 | * | no | | | | | | * | | | |
| 17 PCB 17 | 256 | NotFnd | * | * | * | -0.00307 | | | -0.00307 | * | no | 0.691 | - |
| | TriCB 258 | 12.50 | * | no | | | | | | * | | | |
| 18 PCB 27 | 256 | NotFnd | * | * | * | -0.00211 | | | -0.00211 | * | no | 1.006 | - |
| | TriCB 258 | 12.82 | * | no | | | | | | * | | | |
| 19 PCB 24 | 256 | NotFnd | * | * | * | -0.00264 | | | -0.00264 | * | no | 0.802 | - |
| | TriCB 258 | 12.68 | * | no | | | | | | * | | | |
| 20 PCB 16 | 256 | NotFnd | * | * | * | -0.00345 | | | -0.00345 | * | no | 0.614 | - |
| | TriCB 258 | 12.73 | * | no | | | | | | * | | | |
| 21 PCB 32 | 256 | NotFnd | * | * | * | -0.00193 | | | -0.00193 | * | no | 1.1 | - |
| | TriCB 258 | 12.95 | * | no | | | | | | * | | | |
| 22 PCB 34 | 256 | 13.51 | 98951 | 0.97 | 196636 | 0.092418 | PCB 34 % Rec = 92 | | -0.00086 | 385 | no | 2.11 | - |
| | TriCB 258 | 13.54 | 98685 | yes | | | | | | 413 | | | |
| 23 PCB 23 | 256 | 13.60 | 94026 | 1.01 | 187168 | 0.099585 | PCB 23 % Rec = 100 | | -0.00097 | 392 | no | 1.864 | - |
| | TriCB 258 | 13.63 | 93142 | yes | | | | | | 410 | | | |
| 24 PCB 26/29 | 256 | NotFnd | * | * | * | -0.00085 | | | -0.00085 | * | no | 2.13 | - |
| | TriCB 258 | 13.78 | * | no | | | | | | * | | | |
| 25 PCB 25 | 256 | NotFnd | * | * | * | -0.00086 | | | -0.00086 | * | no | 2.103 | - |
| | TriCB 258 | 13.85 | * | no | | | | | | * | | | |
| 26 PCB 31 | 256 | NotFnd | * | * | * | -0.00082 | | | -0.00082 | * | no | 2.202 | - |
| | TriCB 258 | 14.02 | * | no | | | | | | * | | | |
| 27 PCB 28/20 | 256 | NotFnd | * | * | * | -0.00092 | | | -0.00092 | * | no | 1.971 | - |
| | TriCB 258 | 14.18 | * | no | | | | | | * | | | |
| 28 PCB 21/33 | 256 | NotFnd | * | * | * | -0.0009 | | | -0.0009 | * | no | 2.008 | - |
| | TriCB 258 | 14.28 | * | no | | | | | | * | | | |
| 29 PCB 22 | 256 | NotFnd | * | * | * | -0.00103 | | | -0.00103 | * | no | 1.758 | - |
| | TriCB 258 | 14.47 | * | no | | | | | | * | | | |
| 30 PCB 36 | 256 | NotFnd | * | * | * | -0.00078 | | | -0.00078 | * | no | 2.334 | - |
| | TriCB 258 | 15.31 | * | no | | | | | | * | | | |
| 31 PCB 39 | 256 | NotFnd | * | * | * | -0.00094 | | | -0.00094 | * | no | 1.922 | - |
| | TriCB 258 | 15.52 | * | no | | | | | | * | | | |
| 32 PCB 38 | 256 | NotFnd | * | * | * | -0.00092 | | | -0.00092 | * | no | 1.971 | - |
| | TriCB 258 | 15.88 | * | no | | | | | | * | | | |
| 33 PCB 35 | 256 | NotFnd | * | * | * | -0.0009 | | | -0.0009 | * | no | 2.017 | - |
| | TriCB 258 | 16.14 | * | no | | | | | | * | | | |
| 34 PCB 37 | 256 | 16.37 | 94777 | 1.01 | 188478 | 0.125333 | PCB 37 % Rec = 125 | | -0.00184 | 309 | no | 0.985 | - |
| | TriCB 258 | 16.39 | 93701 | yes | | | | | | 326 | | | |
| 35 PCB 54 | 290 | 12.87 | 24736 | 0.77 | 56858 | 0.106037 | PCB 54 % Rec = 106 | | -0.00473 | 59 | no | 1.02 | - |
| | TCB 292 | 12.88 | 32122 | yes | | | | | | 59 | | | |
| 36 PCB 53/50 | 290 | NotFnd | * | * | * | -0.00283 | | | -0.00283 | * | no | 0.872 | - |
| | TCB 292 | 13.89 | * | no | | | | | | * | | | |
| 37 PCB 45/51 | 290 | NotFnd | * | * | * | -0.00299 | | | -0.00299 | * | no | 0.826 | - |
| | TCB 292 | 14.24 | * | no | | | | | | * | | | |
| 38 PCB 46 | 290 | NotFnd | * | * | * | -0.0034 | | | -0.0034 | * | no | 0.727 | - |
| | TCB 292 | 14.39 | * | no | | | | | | * | | | |
| 39 PCB 52 | 290 | NotFnd | * | * | * | -0.00273 | | | -0.00273 | * | no | 0.905 | - |
| | TCB 292 | 15.10 | * | no | | | | | | * | | | |
| 40 PCB 73 | 290 | NotFnd | * | * | * | -0.00221 | | | -0.00221 | * | no | 1.116 | - |
| | TCB 292 | 15.18 | * | no | | | | | | * | | | |
| 41 PCB 43 | 290 | NotFnd | * | * | * | -0.0046 | | | -0.0046 | * | no | 0.537 | - |
| | TCB 292 | 15.25 | * | no | | | | | | * | | | |
| 42 PCB 69/49 | 290 | NotFnd | * | * | * | -0.00253 | | | -0.00253 | * | no | 0.976 | - |
| | TCB 292 | 15.37 | * | no | | | | | | * | | | |

| | | | | | | | | | | | | | |
|----|------------------------|----------|--------|-------|------|--------|----------|---------------------|----------|-----|-------|-------|---|
| 43 | PCB 48 | 290 | NotFnd | * | * | * | -0.00323 | -0.00323 | * | no | 0.765 | - | |
| | | TCB 292 | 15.55 | * | no | * | | | * | | | | |
| 44 | PCB 44/47/65 | 290 | NotFnd | * | * | * | -0.0028 | -0.0028 | * | no | 0.883 | - | |
| | | TCB 292 | 15.70 | * | no | * | | | * | | | | |
| 45 | PCB 59/62/75 | 290 | NotFnd | * | * | * | -0.00223 | -0.00223 | * | no | 1.105 | - | |
| | | TCB 292 | 15.87 | * | no | * | | | * | | | | |
| 46 | PCB 42 | 290 | NotFnd | * | * | * | -0.00344 | -0.00344 | * | no | 0.717 | - | |
| | | TCB 292 | 15.98 | * | no | * | | | * | | | | |
| 47 | PCB 40/41/71 | 290 | NotFnd | * | * | * | -0.00307 | -0.00307 | * | no | 0.803 | - | |
| | | TCB 292 | 16.27 | * | no | * | | | * | | | | |
| 48 | PCB 64 | 290 | NotFnd | * | * | * | -0.00239 | -0.00239 | * | no | 1.034 | - | |
| | | TCB 292 | 16.41 | * | no | * | | | * | | | | |
| 49 | PCB 72 | 290 | NotFnd | * | * | * | -0.00102 | -0.00102 | * | no | 2.019 | - | |
| | | TCB 292 | 16.89 | * | no | * | | | * | | | | |
| 50 | PCB 68 | 290 | NotFnd | * | * | * | -0.00109 | -0.00109 | * | no | 1.893 | - | |
| | | TCB 292 | 17.06 | * | no | * | | | * | | | | |
| 51 | PCB 57 | 290 | NotFnd | * | * | * | -0.00105 | -0.00105 | * | no | 1.963 | - | |
| | | TCB 292 | 17.35 | * | no | * | | | * | | | | |
| 52 | PCB 58 | 290 | NotFnd | * | * | * | -0.00117 | -0.00117 | * | no | 1.762 | - | |
| | | TCB 292 | 17.50 | * | no | * | | | * | | | | |
| 53 | PCB 67 | 290 | NotFnd | * | * | * | -0.00098 | -0.00098 | * | no | 2.107 | - | |
| | | TCB 292 | 17.60 | * | no | * | | | * | | | | |
| 54 | PCB 63 | 290 | NotFnd | * | * | * | -0.00102 | -0.00102 | * | no | 2.019 | - | |
| | | TCB 292 | 17.77 | * | no | * | | | * | | | | |
| 55 | PCB 61/70/74/76 | 290 | NotFnd | * | * | * | -0.00113 | -0.00113 | * | no | 1.816 | - | |
| | | TCB 292 | 18.00 | * | no | * | | | * | | | | |
| 56 | PCB 66 | 290 | NotFnd | * | * | * | -0.00102 | -0.00102 | * | no | 2.026 | - | |
| | | TCB 292 | 18.21 | * | no | * | | | * | | | | |
| 57 | PCB 55 | 290 | NotFnd | * | * | * | -0.00122 | -0.00122 | * | no | 1.69 | - | |
| | | TCB 292 | 18.34 | * | no | * | | | * | | | | |
| 58 | PCB 66 | 290 | NotFnd | * | * | * | -0.00125 | -0.00125 | * | no | 1.654 | - | |
| | | TCB 292 | 18.67 | * | no | * | | | * | | | | |
| 59 | PCB 60 | 290 | NotFnd | * | * | * | -0.00125 | -0.00125 | * | no | 1.65 | - | |
| | | TCB 292 | 18.84 | * | no | * | | | * | | | | |
| 60 | PCB 80 | 290 | NotFnd | * | * | * | -0.00095 | -0.00095 | * | no | 2.158 | - | |
| | | TCB 292 | 19.09 | * | no | * | | | * | | | | |
| 61 | PCB 79 | 290 | NotFnd | * | * | * | -0.00098 | -0.00098 | * | no | 2.095 | - | |
| | | TCB 292 | 20.23 | * | no | * | | | * | | | | |
| 62 | PCB 78 | 290 | NotFnd | * | * | * | -0.00111 | -0.00111 | * | no | 1.857 | - | |
| | | TCB 292 | 20.67 | * | no | * | | | * | | | | |
| 63 | PCB 81 | 290 | 21.00 | 63532 | 0.75 | 148488 | 0.118267 | PCB 81 % Rec = 118 | -0.00177 | 195 | no | 1.167 | - |
| | | TCB 292 | 20.98 | 84956 | yes | | | | | 202 | | | |
| 64 | PCB 77 | 290 | 21.44 | 64627 | 0.76 | 149817 | 0.119923 | PCB 77 % Rec = 120 | -0.00169 | 198 | no | 1.216 | - |
| | | TCB 292 | 21.45 | 85191 | yes | | | | | 200 | | | |
| 65 | PCB 104 | 326 | 15.65 | 39468 | 1.55 | 64851 | 0.103513 | PCB 104 % Rec = 104 | -0.004 | 65 | no | 1.188 | - |
| | | PeCB 328 | 15.65 | 25383 | yes | | | | | 66 | | | |
| 66 | PCB 96 | 326 | NotFnd | * | * | * | -0.00697 | -0.00697 | * | no | 0.682 | - | |
| | | PeCB 328 | 15.87 | * | no | * | | | * | | | | |
| 67 | PCB 103 | 326 | NotFnd | * | * | * | -0.00234 | -0.00234 | * | no | 0.759 | - | |
| | | PeCB 328 | 17.01 | * | no | * | | | * | | | | |
| 68 | PCB 94 | 326 | NotFnd | * | * | * | -0.00321 | -0.00321 | * | no | 0.555 | - | |
| | | PeCB 328 | 17.15 | * | no | * | | | * | | | | |
| 69 | PCB 95 | 326 | NotFnd | * | * | * | -0.00259 | -0.00259 | * | no | 0.687 | - | |
| | | PeCB 328 | 17.44 | * | no | * | | | * | | | | |
| 70 | PCB 100/93/102/98 | 326 | NotFnd | * | * | * | -0.00286 | -0.00286 | * | no | 0.623 | - | |
| | | PeCB 328 | 17.59 | * | no | * | | | * | | | | |
| 71 | PCB 88/91 | 326 | NotFnd | * | * | * | -0.00284 | -0.00284 | * | no | 0.627 | - | |
| | | PeCB 328 | 17.98 | * | no | * | | | * | | | | |
| 72 | PCB 84 | 326 | NotFnd | * | * | * | -0.00325 | -0.00325 | * | no | 0.548 | - | |
| | | PeCB 328 | 18.15 | * | no | * | | | * | | | | |
| 73 | PCB 89 | 326 | NotFnd | * | * | * | -0.00295 | -0.00295 | * | no | 0.604 | - | |
| | | PeCB 328 | 18.48 | * | no | * | | | * | | | | |
| 74 | PCB 121 | 326 | NotFnd | * | * | * | -0.0022 | -0.0022 | * | no | 0.81 | - | |
| | | PeCB 328 | 18.73 | * | no | * | | | * | | | | |
| 75 | PCB 92 | 326 | NotFnd | * | * | * | -0.00278 | -0.00278 | * | no | 0.639 | - | |
| | | PeCB 328 | 18.99 | * | no | * | | | * | | | | |
| 76 | PCB 113/90/101 | 326 | NotFnd | * | * | * | -0.00248 | -0.00248 | * | no | 0.716 | - | |
| | | PeCB 328 | 19.40 | * | no | * | | | * | | | | |
| 77 | PCB 83/99 | 326 | NotFnd | * | * | * | -0.00306 | -0.00306 | * | no | 0.581 | - | |
| | | PeCB 328 | 19.84 | * | no | * | | | * | | | | |
| 78 | PCB 112 | 326 | NotFnd | * | * | * | -0.00206 | -0.00206 | * | no | 0.863 | - | |
| | | PeCB 328 | 19.95 | * | no | * | | | * | | | | |
| 79 | PCB 109/119/86/97/125/ | 326 | NotFnd | * | * | * | -0.00249 | -0.00249 | * | no | 0.714 | - | |
| | | PeCB 328 | 20.23 | * | no | * | | | * | | | | |
| 80 | PCB 117/116/85 | 326 | NotFnd | * | * | * | -0.00229 | -0.00229 | * | no | 0.778 | - | |
| | | PeCB 328 | 20.81 | * | no | * | | | * | | | | |
| 81 | PCB 110/115 | 326 | NotFnd | * | * | * | -0.00256 | -0.00256 | * | no | 0.694 | - | |
| | | PeCB 328 | 20.92 | * | no | * | | | * | | | | |
| 82 | PCB 82 | 326 | NotFnd | * | * | * | -0.00328 | -0.00328 | * | no | 0.542 | - | |
| | | PeCB 328 | 21.17 | * | no | * | | | * | | | | |
| 83 | PCB 111 | 326 | NotFnd | * | * | * | -0.0023 | -0.0023 | * | no | 0.772 | - | |
| | | PeCB 328 | 21.45 | * | no | * | | | * | | | | |
| 84 | PCB 120 | 326 | NotFnd | * | * | * | -0.00203 | -0.00203 | * | no | 0.877 | - | |
| | | PeCB 328 | 21.82 | * | no | * | | | * | | | | |
| 85 | PCB 108/124 | 326 | NotFnd | * | * | * | -0.00097 | -0.00097 | * | no | 1.488 | - | |
| | | PeCB 328 | 22.75 | * | no | * | | | * | | | | |
| 86 | PCB 107 | 326 | NotFnd | * | * | * | -0.00087 | -0.00087 | * | no | 1.663 | - | |
| | | PeCB 328 | 22.96 | * | no | * | | | * | | | | |
| 87 | PCB 123 | 326 | 23.07 | 82351 | 1.6 | 133807 | 0.124024 | PCB 123 % Rec = 124 | -0.00153 | 258 | no | 0.947 | - |
| | | PeCB 328 | 23.07 | 51456 | yes | | | | | 246 | | | |
| 88 | PCB 106 | 326 | NotFnd | * | * | * | -0.00099 | -0.00099 | * | no | 1.465 | - | |
| | | PeCB 328 | 23.19 | * | no | * | | | * | | | | |
| 89 | PCB 118 | 326 | 23.34 | 88851 | 1.56 | 145712 | 0.128554 | PCB 118 % Rec = 129 | -0.00139 | 274 | no | 1.042 | - |
| | | PeCB 328 | 23.37 | 56861 | yes | | | | | 275 | | | |

| | | | | | | | | | | | | | |
|---------------------|----------|--------|--------|------|--------|----------|-------------------------|--|----------|-----|----|-------|---|
| 90 PCB 122 | 326 | NotFnd | * | * | * | -0.00102 | | | -0.00102 | * | no | 1.418 | - |
| | PeCB 328 | 23.65 | * | no | * | | | | | * | | | |
| 91 PCB 114 | 326 | 23.81 | 83080 | 1.57 | 135985 | 0.122414 | PCB 114 % Rec = 122 | | -0.00134 | 259 | no | 1.076 | - |
| | PeCB 328 | 23.82 | 52905 | yes | * | | | | | 252 | | | |
| 92 PCB 105 | 326 | 24.37 | 82266 | 1.52 | 136321 | 0.125046 | PCB 105 % Rec = 125 | | -0.00139 | 242 | no | 1.04 | - |
| | PeCB 328 | 24.39 | 54054 | yes | * | | | | | 248 | | | |
| 93 PCB 127 | 326 | NotFnd | * | * | * | -0.00091 | | | -0.00091 | * | no | 1.583 | - |
| | PeCB 328 | 25.68 | * | no | * | | | | | * | | | |
| 94 PCB 126 | 326 | 27.19 | 77336 | 1.53 | 127721 | 0.122751 | PCB 126 % Rec = 123 | | -0.00139 | 226 | no | 1.037 | - |
| | PeCB 328 | 27.20 | 50385 | yes | * | | | | | 231 | | | |
| 95 PCB 155 | 360 | 19.26 | 35916 | 1.22 | 65280 | 0.103147 | PCB 155 % Rec = 103 | | -0.00053 | 470 | no | 1.079 | - |
| | HxCB 362 | 19.26 | 29365 | yes | * | | | | | 487 | | | |
| 96 PCB 152 | 360 | NotFnd | * | * | * | -0.00084 | | | -0.00084 | * | no | 0.686 | - |
| | HxCB 362 | 19.42 | * | no | * | | | | | * | | | |
| 97 PCB 150 | 360 | NotFnd | * | * | * | -0.00095 | | | -0.00095 | * | no | 0.606 | - |
| | HxCB 362 | 19.53 | * | no | * | | | | | * | | | |
| 98 PCB 136 | 360 | NotFnd | * | * | * | -0.00088 | | | -0.00088 | * | no | 0.659 | - |
| | HxCB 362 | 19.80 | * | no | * | | | | | * | | | |
| 99 PCB 145 | 360 | NotFnd | * | * | * | -0.00101 | | | -0.00101 | * | no | 0.57 | - |
| | HxCB 362 | 20.03 | * | no | * | | | | | * | | | |
| 100 PCB 148 | 360 | NotFnd | * | * | * | -0.00118 | | | -0.00118 | * | no | 0.491 | - |
| | HxCB 362 | 21.13 | * | no | * | | | | | * | | | |
| 101 PCB 161/135 | 360 | NotFnd | * | * | * | -0.00131 | | | -0.00131 | * | no | 0.442 | - |
| | HxCB 362 | 21.63 | * | no | * | | | | | * | | | |
| 102 PCB 154 | 360 | NotFnd | * | * | * | -0.00109 | | | -0.00109 | * | no | 0.528 | - |
| | HxCB 362 | 21.82 | * | no | * | | | | | * | | | |
| 103 PCB 144 | 360 | NotFnd | * | * | * | -0.00123 | | | -0.00123 | * | no | 0.469 | - |
| | HxCB 362 | 22.06 | * | no | * | | | | | * | | | |
| 104 PCB 147/149 | 360 | NotFnd | * | * | * | -0.00286 | | | -0.00286 | * | no | 0.665 | - |
| | HxCB 362 | 22.36 | * | no | * | | | | | * | | | |
| 105 PCB 134/143 | 360 | NotFnd | * | * | * | -0.00321 | | | -0.00321 | * | no | 0.593 | - |
| | HxCB 362 | 22.61 | * | no | * | | | | | * | | | |
| 106 PCB 139/140 | 360 | NotFnd | * | * | * | -0.00286 | | | -0.00286 | * | no | 0.666 | - |
| | HxCB 362 | 22.88 | * | no | * | | | | | * | | | |
| 107 PCB 131 | 360 | NotFnd | * | * | * | -0.00352 | | | -0.00352 | * | no | 0.54 | - |
| | HxCB 362 | 23.06 | * | no | * | | | | | * | | | |
| 108 PCB 142 | 360 | NotFnd | * | * | * | -0.00316 | | | -0.00316 | * | no | 0.603 | - |
| | HxCB 362 | 23.19 | * | no | * | | | | | * | | | |
| 109 PCB 132 | 360 | NotFnd | * | * | * | -0.0036 | | | -0.0036 | * | no | 0.528 | - |
| | HxCB 362 | 23.44 | * | no | * | | | | | * | | | |
| 110 PCB 133 | 360 | NotFnd | * | * | * | -0.00303 | | | -0.00303 | * | no | 0.629 | - |
| | HxCB 362 | 23.84 | * | no | * | | | | | * | | | |
| 111 PCB 165 | 360 | NotFnd | * | * | * | -0.00259 | | | -0.00259 | * | no | 0.735 | - |
| | HxCB 362 | 24.17 | * | no | * | | | | | * | | | |
| 112 PCB 146 | 360 | NotFnd | * | * | * | -0.00266 | | | -0.00266 | * | no | 0.715 | - |
| | HxCB 362 | 24.40 | * | no | * | | | | | * | | | |
| 113 PCB 161 | 360 | NotFnd | * | * | * | -0.0022 | | | -0.0022 | * | no | 0.884 | - |
| | HxCB 362 | 24.51 | * | no | * | | | | | * | | | |
| 114 PCB 153/168 | 360 | NotFnd | * | * | * | -0.00243 | | | -0.00243 | * | no | 0.783 | - |
| | HxCB 362 | 24.98 | * | no | * | | | | | * | | | |
| 115 PCB 141 | 360 | NotFnd | * | * | * | -0.00294 | | | -0.00294 | * | no | 0.648 | - |
| | HxCB 362 | 25.12 | * | no | * | | | | | * | | | |
| 116 PCB 130 | 360 | NotFnd | * | * | * | -0.00328 | | | -0.00328 | * | no | 0.581 | - |
| | HxCB 362 | 25.50 | * | no | * | | | | | * | | | |
| 117 PCB 137 | 360 | NotFnd | * | * | * | -0.0033 | | | -0.0033 | * | no | 0.577 | - |
| | HxCB 362 | 25.70 | * | no | * | | | | | * | | | |
| 118 PCB 164 | 360 | NotFnd | * | * | * | -0.00239 | | | -0.00239 | * | no | 0.796 | - |
| | HxCB 362 | 25.82 | * | no | * | | | | | * | | | |
| 119 PCB 138/163/129 | 360 | NotFnd | * | * | * | -0.0029 | | | -0.0029 | * | no | 0.657 | - |
| | HxCB 362 | 26.11 | * | no | * | | | | | * | | | |
| 120 PCB 160 | 360 | NotFnd | * | * | * | -0.00274 | | | -0.00274 | * | no | 0.695 | - |
| | HxCB 362 | 26.28 | * | no | * | | | | | * | | | |
| 121 PCB 158 | 360 | NotFnd | * | * | * | -0.00218 | | | -0.00218 | * | no | 0.872 | - |
| | HxCB 362 | 26.46 | * | no | * | | | | | * | | | |
| 122 PCB 128/166 | 360 | NotFnd | * | * | * | -0.00272 | | | -0.00272 | * | no | 0.7 | - |
| | HxCB 362 | 27.27 | * | no | * | | | | | * | | | |
| 123 PCB 159 | 360 | NotFnd | * | * | * | -0.00123 | | | -0.00123 | * | no | 1.501 | - |
| | HxCB 362 | 28.25 | * | no | * | | | | | * | | | |
| 124 PCB 162 | 360 | NotFnd | * | * | * | -0.00138 | | | -0.00138 | * | no | 1.338 | - |
| | HxCB 362 | 28.51 | * | no | * | | | | | * | | | |
| 125 PCB 167 | 360 | 29.01 | 76975 | 1.16 | 143452 | 0.124655 | PCB 167 % Rec = 125 | | -0.00195 | 213 | no | 0.951 | - |
| | HxCB 362 | 29.01 | 66478 | yes | * | | | | | 228 | | | |
| 126 PCB 156/157 | 360 | 30.15 | 150396 | 1.21 | 274436 | 0.250728 | PCB 156/157 % Rec = 125 | | -0.00179 | 337 | no | 1.036 | - |
| | HxCB 362 | 30.16 | 124040 | yes | * | | | | | 343 | | | |
| 127 PCB 169 | 360 | 33.63 | 50776 | 1.14 | 95452 | 0.12139 | PCB 169 % Rec = 121 | | -0.0019 | 132 | no | 0.973 | - |
| | HxCB 362 | 33.53 | 44676 | yes | * | | | | | 143 | | | |
| 128 PCB 188 | 394 | 23.78 | 32809 | 1.06 | 63782 | 0.102617 | PCB 188 % Rec = 103 | | -0.00075 | 335 | no | 1.053 | - |
| | HpCB 396 | 23.78 | 30974 | yes | * | | | | | 336 | | | |
| 129 PCB 179 | 394 | NotFnd | * | * | * | -0.0008 | | | -0.0008 | * | no | 0.98 | - |
| | HpCB 396 | 24.07 | * | no | * | | | | | * | | | |
| 130 PCB 184 | 394 | NotFnd | * | * | * | -0.00087 | | | -0.00087 | * | no | 0.904 | - |
| | HpCB 396 | 24.57 | * | no | * | | | | | * | | | |
| 131 PCB 176 | 394 | NotFnd | * | * | * | -0.00084 | | | -0.00084 | * | no | 0.939 | - |
| | HpCB 396 | 24.88 | * | no | * | | | | | * | | | |
| 132 PCB 186 | 394 | NotFnd | * | * | * | -0.00096 | | | -0.00096 | * | no | 0.822 | - |
| | HpCB 396 | 25.28 | * | no | * | | | | | * | | | |
| 133 PCB 178 | 394 | NotFnd | * | * | * | -0.00119 | | | -0.00119 | * | no | 0.663 | - |
| | HpCB 396 | 26.54 | * | no | * | | | | | * | | | |
| 134 PCB 175 | 394 | NotFnd | * | * | * | -0.00113 | | | -0.00113 | * | no | 0.695 | - |
| | HpCB 396 | 27.14 | * | no | * | | | | | * | | | |
| 135 PCB 187 | 394 | 27.39 | 25089 | 1.04 | 49270 | 0.108104 | PCB 187 % Rec = 108 | | -0.00122 | 243 | no | 0.647 | - |
| | HpCB 396 | 27.40 | 24181 | yes | * | | | | | 248 | | | |
| 136 PCB 182 | 394 | 27.58 | 25862 | 1.11 | 49185 | 0.103827 | PCB 182 % Rec = 104 | | -0.00117 | 252 | no | 0.673 | - |
| | HpCB 396 | 27.61 | 23323 | yes | * | | | | | 241 | | | |

| | | | | | | | | | | | | |
|-------------------|----------|--------|--------|------|--------|----------|------------------------|----------|------|-------|-------|-----|
| 137 PCB 183 | 394 | NotFnd | * | * | * | -0.00285 | -0.00285 | * | no | 1.138 | - | |
| | HpCB 396 | 27.96 | * | no | | | | * | | | | |
| 138 PCB 185 | 394 | NotFnd | * | * | * | -0.00436 | -0.00436 | * | no | 0.743 | - | |
| | HpCB 396 | 28.06 | * | no | | | | * | | | | |
| 139 PCB 174 | 394 | NotFnd | * | * | * | -0.00374 | -0.00374 | * | no | 0.867 | - | |
| | HpCB 396 | 28.18 | * | no | | | | * | | | | |
| 140 PCB 177 | 394 | NotFnd | * | * | * | -0.00371 | -0.00371 | * | no | 0.874 | - | |
| | HpCB 396 | 28.66 | * | no | | | | * | | | | |
| 141 PCB 181 | 394 | NotFnd | * | * | * | -0.00381 | -0.00381 | * | no | 0.85 | - | |
| | HpCB 396 | 29.03 | * | no | | | | * | | | | |
| 142 PCB 171/173 | 394 | NotFnd | * | * | * | -0.0037 | -0.0037 | * | no | 0.875 | - | |
| | HpCB 396 | 29.25 | * | no | | | | * | | | | |
| 143 PCB 172 | 394 | NotFnd | * | * | * | -0.00374 | -0.00374 | * | no | 0.866 | - | |
| | HpCB 396 | 30.90 | * | no | | | | * | | | | |
| 144 PCB 192 | 394 | NotFnd | * | * | * | -0.00331 | -0.00331 | * | no | 0.979 | - | |
| | HpCB 396 | 31.21 | * | no | | | | * | | | | |
| 145 PCB 193/180 | 394 | 31.59 | 34635 | 1.14 | 65110 | 0.091091 | PCB 193/180 % Rec = 91 | -0.00243 | 83 | yes | 1.333 | - |
| | HpCB 396 | 31.56 | 30475 | yes | | | | | 75 | | | |
| 146 PCB 191 | 394 | NotFnd | * | * | * | -0.00281 | -0.00281 | * | no | 1.152 | - | |
| | HpCB 396 | 31.94 | * | no | | | | * | | | | |
| 147 PCB 170 | 394 | 32.90 | 33733 | 1.08 | 65007 | 0.111884 | PCB 170 % Rec = 112 | -0.00269 | 79 | no | 1.206 | - |
| | HpCB 396 | 32.90 | 31275 | yes | | | | | 78 | | | |
| 148 PCB 190 | 394 | NotFnd | * | * | * | -0.00298 | -0.00298 | * | no | 1.089 | - | |
| | HpCB 396 | 33.46 | * | no | | | | * | | | | |
| 149 PCB 189 | 394 | 36.27 | 63219 | 1 | 126574 | 0.114987 | PCB 189 % Rec = 115 | -0.00172 | 161 | no | 0.91 | - |
| | HpCB 396 | 36.29 | 63365 | yes | | | | | 171 | | | |
| 150 PCB 202 | 428 | 28.76 | 30262 | 0.93 | 62720 | 0.104473 | PCB 202 % Rec = 104 | -0.00122 | 226 | no | 1.08 | - |
| | OcCB 430 | 28.77 | 32469 | yes | | | | | 221 | | | |
| 151 PCB 201 | 428 | NotFnd | * | * | * | -0.00121 | -0.00121 | * | no | 1.088 | - | |
| | OcCB 430 | 29.69 | * | no | | | | * | | | | |
| 152 PCB 204 | 428 | NotFnd | * | * | * | -0.00122 | -0.00122 | * | no | 1.08 | - | |
| | OcCB 430 | 30.38 | * | no | | | | * | | | | |
| 153 PCB 197 | 428 | NotFnd | * | * | * | -0.0015 | -0.0015 | * | no | 0.88 | - | |
| | OcCB 430 | 30.61 | * | no | | | | * | | | | |
| 154 PCB 200 | 428 | NotFnd | * | * | * | -0.00115 | -0.00115 | * | no | 1.141 | - | |
| | OcCB 430 | 30.72 | * | no | | | | * | | | | |
| 155 PCB 198/199 | 428 | NotFnd | * | * | * | -0.0019 | -0.0019 | * | no | 0.691 | - | |
| | OcCB 430 | 33.63 | * | no | | | | * | | | | |
| 156 PCB 196 | 428 | NotFnd | * | * | * | -0.00179 | -0.00179 | * | no | 0.736 | - | |
| | OcCB 430 | 34.35 | * | no | | | | * | | | | |
| 157 PCB 203 | 428 | NotFnd | * | * | * | -0.00185 | -0.00185 | * | no | 0.712 | - | |
| | OcCB 430 | 34.54 | * | no | | | | * | | | | |
| 158 PCB 195 | 428 | NotFnd | * | * | * | -0.00249 | -0.00249 | * | no | 1.012 | - | |
| | OcCB 430 | 35.99 | * | no | | | | * | | | | |
| 159 PCB 194 | 428 | NotFnd | * | * | * | -0.00237 | -0.00237 | * | no | 1.061 | - | |
| | OcCB 430 | 38.61 | * | no | | | | * | | | | |
| 160 PCB 205 | 428 | 39.16 | 37238 | 0.94 | 76783 | 0.105012 | PCB 205 % Rec = 105 | -0.00235 | 114 | no | 1.071 | - |
| | OcCB 430 | 39.16 | 39546 | yes | | | | | 108 | | | |
| 161 PCB 208 | 462 | 35.76 | 26858 | 0.8 | 60442 | 0.105541 | PCB 208 % Rec = 106 | -0.00387 | 69 | no | 1.082 | - |
| | NoCB 464 | 35.78 | 33585 | yes | | | | | 67 | | | |
| 162 PCB 207 | 462 | NotFnd | * | * | * | -0.00316 | -0.00316 | * | no | 1.324 | - | |
| | NoCB 464 | 36.81 | * | no | | | | * | | | | |
| 163 PCB 206 | 462 | 41.14 | 21068 | 0.77 | 48255 | 0.109771 | PCB 206 % Rec = 110 | -0.00388 | 52 | no | 1.077 | - |
| | NoCB 464 | 41.12 | 27187 | yes | | | | | 51 | | | |
| 164 PCB 209 | 498 | 42.98 | 23579 | 1.19 | 43357 | 0.09882 | PCB 209 % Rec = 99 | -0.0006 | 422 | no | 1.024 | - |
| | DCB 500 | 43.01 | 19778 | yes | | | | | 416 | | | |
| 165 PCB 1L | 200 | 8.84 | 173859 | 3.48 | 223798 | 0.181461 | | 0 | 3819 | no | 0.821 | 91 |
| | 202 | 8.83 | 49939 | yes | | | | | 546 | | | |
| 166 PCB 3L | 200 | 10.02 | 162352 | 3.3 | 211532 | 0.170172 | | 0 | 3588 | no | 0.828 | 85 |
| | 202 | 10.01 | 49180 | yes | | | | | 557 | | | |
| 167 PCB 4L | 234 | 10.14 | 53707 | 1.75 | 84347 | 0.199478 | | 0.002 | 398 | no | 0.282 | 100 |
| | 236 | 10.11 | 30640 | yes | | | | | 709 | | | |
| 168 PCB 15L | 234 | 12.73 | 206332 | 1.76 | 323793 | 0.202678 | | 0.001 | 856 | no | 1.064 | 101 |
| | 236 | 12.73 | 117461 | yes | | | | | 1122 | | | |
| 169 PCB 19L | 268 | 11.51 | 50429 | 1.06 | 98069 | 0.189172 | | 0.008 | 97 | no | 0.345 | 95 |
| | 270 | 11.49 | 47640 | yes | | | | | 51 | | | |
| 170 PCB 37L | 268 | 16.37 | 159254 | 1.09 | 305288 | 0.200282 | | 0.004 | 189 | no | 2.614 | 100 |
| | 270 | 16.36 | 146034 | yes | | | | | 122 | | | |
| 171 PCB 54L | 302 | 12.85 | 46833 | 0.8 | 105167 | 0.237909 | | 0.001 | 309 | no | 0.758 | 119 |
| | 304 | 12.85 | 58334 | yes | | | | | 1143 | | | |
| 172 PCB 81L | 302 | 20.98 | 97904 | 0.83 | 215197 | 0.196709 | | 0.001 | 414 | no | 1.876 | 98 |
| | 304 | 20.98 | 117293 | yes | | | | | 1003 | | | |
| 173 PCB 77L | 302 | 21.43 | 92234 | 0.81 | 205492 | 0.195897 | | 0.001 | 383 | no | 1.799 | 98 |
| | 304 | 21.43 | 113258 | yes | | | | | 941 | | | |
| 174 PCB 104L | 338 | 15.63 | 64627 | 1.58 | 105502 | 0.231276 | | 0 | 2817 | no | 0.967 | 116 |
| | 340 | 15.64 | 40874 | yes | | | | | 1760 | | | |
| 175 PCB 123L | 338 | 23.05 | 141519 | 1.64 | 227734 | 0.210451 | | 0 | 2073 | no | 2.293 | 105 |
| | 340 | 23.05 | 86215 | yes | | | | | 1950 | | | |
| 176 PCB 118L | 338 | 23.32 | 136306 | 1.68 | 217545 | 0.209255 | | 0 | 2038 | no | 2.203 | 105 |
| | 340 | 23.32 | 81239 | yes | | | | | 1867 | | | |
| 177 PCB 114L | 338 | 23.80 | 131437 | 1.75 | 206530 | 0.213579 | | 0 | 1927 | no | 2.049 | 107 |
| | 340 | 23.80 | 75093 | yes | | | | | 1694 | | | |
| 178 PCB 105L | 338 | 24.34 | 131073 | 1.67 | 209583 | 0.210104 | | 0 | 1867 | no | 2.114 | 105 |
| | 340 | 24.36 | 78510 | yes | | | | | 1737 | | | |
| 179 PCB 126L | 338 | 27.17 | 127478 | 1.74 | 200704 | 0.204789 | | 0 | 1757 | no | 2.077 | 102 |
| | 340 | 27.18 | 73226 | yes | | | | | 1563 | | | |
| 180 PCB 155L | 372 | 19.25 | 65302 | 1.26 | 117287 | 0.225543 | | 0 | 3966 | no | 1.056 | 113 |
| | 374 | 19.25 | 51986 | yes | | | | | 1338 | | | |
| 181 PCB 167L | 372 | 28.98 | 137548 | 1.32 | 241994 | 0.216684 | | 0.001 | 826 | no | 2.269 | 108 |
| | 374 | 29.01 | 104446 | yes | | | | | 1818 | | | |
| 182 PCB 156L/157L | 372 | 30.13 | 241119 | 1.33 | 422657 | 0.413824 | | 0.001 | 1192 | no | 2.075 | 103 |
| | 374 | 30.16 | 181537 | yes | | | | | 2530 | | | |
| 183 PCB 169L | 372 | 33.49 | 91500 | 1.3 | 161595 | 0.163211 | | 0.001 | 528 | no | 2.142 | 77 |
| | 374 | 33.50 | 70095 | yes | | | | | 1146 | | | |

no copy
93

| | | | | | | | | | | | | |
|-----------------------|-----|--------|---------|------|---------|----------|--|-------|----------|----|-------|-----|
| 184 PCB 188L | 406 | 23.76 | 60548 | 1.05 | 118013 | 0.217255 | | 0 | 1593 | no | 1.103 | 109 |
| | 408 | 23.76 | 57465 | yes | | | | | 1242 | | | |
| 185 PCB 180L | 406 | 31.56 | 55658 | 1.08 | 107228 | 0.203316 | | 0.001 | 754 | no | 1.219 | 102 |
| | 408 | 31.58 | 51570 | yes | | | | | 2085 | | | |
| 186 PCB 170L | 406 | 32.87 | 49546 | 1.06 | 96387 | 0.203918 | | 0.001 | 683 | no | 1.093 | 102 |
| | 408 | 32.89 | 46841 | yes | | | | | 1926 | | | |
| 187 PCB 189L | 406 | 36.25 | 124552 | 1.06 | 241827 | 0.230742 | | 0.001 | 1028 | no | 2.422 | 115 |
| | 408 | 36.25 | 117274 | yes | | | | | 1155 | | | |
| 188 PCB 202L | 440 | 28.74 | 51807 | 0.87 | 111210 | 0.215967 | | 0 | 1544 | no | 1.19 | 108 |
| | 442 | 28.72 | 59403 | yes | | | | | 1819 | | | |
| 189 PCB 205L | 440 | 39.12 | 66148 | 0.94 | 136532 | 0.213578 | | 0 | 1159 | no | 1.478 | 107 |
| | 442 | 39.15 | 70384 | yes | | | | | 1891 | | | |
| 190 PCB 208L | 474 | 35.74 | 46540 | 0.79 | 105863 | 0.211097 | | 0.001 | 862 | no | 1.159 | 106 |
| | 476 | 35.75 | 59323 | yes | | | | | 1341 | | | |
| 191 PCB 206L | 474 | 41.12 | 36888 | 0.82 | 81633 | 0.23177 | | 0.001 | 666 | no | 0.814 | 116 |
| | 476 | 41.12 | 44745 | yes | | | | | 1023 | | | |
| 192 PCB 209L | 510 | 42.96 | 45566 | 1.14 | 85693 | 0.262443 | | 0 | 2607 | no | 0.755 | 131 |
| | 512 | 42.97 | 40127 | yes | | | | | 4079 | | | |
| 193 PCB 28L | 268 | 14.15 | 188584 | 1.06 | 366561 | 0.2261 | | 0.004 | 242 | no | 2.78 | 102 |
| PCB Cleanup Standard | 270 | 14.15 | 177977 | yes | | | | | 164 | | | |
| 194 PCB 111L | 338 | 21.43 | 86290 | 1.65 | 138414 | 0.220172 | | 0 | 1808 | no | 1.332 | 99 |
| PCB Cleanup Standard | 340 | 21.43 | 52124 | yes | | | | | 1576 | | | |
| 195 PCB 178L | 406 | 26.51 | 40410 | 1.03 | 79726 | 0.248962 | | 0.001 | 982 | no | 0.65 | 112 |
| PCB Cleanup Standard | 408 | 26.50 | 39316 | yes | | | | | 807 | | | |
| 196 PCB 31L | 268 | NotFnd | * | * | * | | | 0.004 | | no | 2.775 | |
| PCB Audit Standard | 270 | 13.99 | * | no | | | | | | | | |
| 197 PCB 95L | 338 | NotFnd | * | * | * | | | 0.001 | | no | 0.967 | |
| PCB Audit Standard | 340 | 17.42 | * | no | | | | | | | | |
| 198 PCB 153L | 372 | 24.95 | 2057 | 1.63 | 3322 | 0.005668 | | 0 | 41 | no | 1.191 | 3 |
| PCB Audit Standard | 374 | 24.94 | 1265 | no | | | | | 38 | | | |
| 199 PCB 9L | 234 | 11.03 | 1050210 | 1.7 | 1669353 | 6.447984 | | - | 4652 | no | - | - |
| PCB Recovery Standard | 236 | 11.03 | 618143 | yes | | | | | 6316 | | | |
| 200 PCB 52L | 302 | 15.08 | 287828 | 0.8 | 647945 | 6.583822 | | - | 1973 | no | - | - |
| PCB Recovery Standard | 304 | 15.08 | 360117 | yes | | | | | 3171 | | | |
| 201 PCB 101L | 338 | 19.40 | 327349 | 1.66 | 524323 | 6.38726 | | - | 6571 | no | - | - |
| PCB Recovery Standard | 340 | 19.40 | 196974 | yes | | | | | 6547 | | | |
| 202 PCB 138L | 372 | 26.09 | 307581 | 1.28 | 546937 | 6.566009 | | - | 6415 | no | - | - |
| PCB Recovery Standard | 374 | 26.09 | 239357 | yes | | | | | 6597 | | | |
| 203 PCB 194L | 440 | 38.61 | 232409 | 0.94 | 480653 | 6.58277 | | - | 4132 | no | - | - |
| PCB Recovery Standard | 442 | 38.61 | 248244 | yes | | | | | 5962 | | | |
| Chlorobiphenyls | | | | | | 0.255322 | | 2 | -0.00061 | | | |
| Dichlorobiphenyls | | | | | | 0.222183 | | 2 | -0.0147 | | | |
| Trichlorobiphenyls | | | | | | 0.420622 | | 4 | -0.00345 | | | |
| Tetrachlorobiphenyls | | | | | | 0.344227 | | 3 | -0.00473 | | | |
| Pentachlorobiphenyls | | | | | | 0.726302 | | 6 | -0.00697 | | | |
| Hexachlorobiphenyls | | | | | | 0.59992 | | 4 | -0.0036 | | | |
| Heptachlorobiphenyls | | | | | | 0.63251 | | 6 | -0.00438 | | | |
| Octachlorobiphenyls | | | | | | 0.209485 | | 2 | -0.00249 | | | |
| Nonachlorobiphenyls | | | | | | 0.215312 | | 2 | -0.00388 | | | |
| Decachlorobiphenyl | | | | | | 0.09882 | | 1 | -0.0008 | | | |
| PCB (total) | | | | | | 3.724703 | | | | | | |

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Sample ID SPIKE%
 Comments
 Instrument File Ultima 3
 Sample Size 10

Dil Fac 1.00

| Name | mass | RT | Area | ratio | Tot Area | ng/g | Code | Isomers | DL | S/N | Mod | rrf | Rec |
|--------------|-----------|--------|--------|-------|----------|----------|--------------------|---------|----------|-----|-----|-------|-----|
| 1 PCB 1 | 188 | 8.86 | 138260 | 3.46 | 178221 | 0.122898 | PCB 1 % Rec = 123 | | -0.0006 | 507 | no | 1.296 | - |
| | MoCB 190 | 8.84 | 39962 | yes | | | | | | 452 | | | |
| 2 PCB 2 | 188 | NotFnd | * | * | * | -0.00046 | | | -0.00046 | * | no | 1.697 | - |
| | MoCB 190 | 9.94 | * | no | | | | | | * | | | |
| 3 PCB 3 | 188 | 10.03 | 135394 | 3.12 | 178754 | 0.132424 | PCB 3 % Rec = 132 | | -0.00061 | 514 | no | 1.276 | - |
| | MoCB 190 | 10.02 | 43360 | yes | | | | | | 487 | | | |
| 4 PCB 4 | 222 | 10.15 | 30325 | 1.54 | 50072 | 0.100096 | PCB 4 % Rec = 100 | | -0.01242 | 193 | no | 1.186 | - |
| | DICB 224 | 10.14 | 19747 | yes | | | | | | 8 | | | |
| 5 PCB 10 | 222 | NotFnd | * | * | * | -0.0147 | | | -0.0147 | * | no | 1.002 | - |
| | DICB 224 | 10.23 | * | no | | | | | | * | | | |
| 6 PCB 9 | 222 | NotFnd | * | * | * | -0.00624 | | | -0.00624 | * | no | 2.318 | - |
| | DICB 224 | 11.03 | * | no | | | | | | * | | | |
| 7 PCB 7 | 222 | NotFnd | * | * | * | -0.00718 | | | -0.00718 | * | no | 2.015 | - |
| | DICB 224 | 11.12 | * | no | | | | | | * | | | |
| 8 PCB 6 | 222 | NotFnd | * | * | * | -0.00635 | | | -0.00635 | * | no | 2.278 | - |
| | DICB 224 | 11.22 | * | no | | | | | | * | | | |
| 9 PCB 5 | 222 | NotFnd | * | * | * | -0.00811 | | | -0.00811 | * | no | 1.783 | - |
| | DICB 224 | 11.33 | * | no | | | | | | * | | | |
| 10 PCB 8 | 222 | NotFnd | * | * | * | -0.00598 | | | -0.00598 | * | no | 2.416 | - |
| | DICB 224 | 11.39 | * | no | | | | | | * | | | |
| 11 PCB 14 | 222 | NotFnd | * | * | * | -0.00632 | | | -0.00632 | * | no | 2.288 | - |
| | DICB 224 | 12.08 | * | no | | | | | | * | | | |
| 12 PCB 11 | 222 | NotFnd | * | * | * | -0.00664 | | | -0.00664 | * | no | 2.176 | - |
| | DICB 224 | 12.45 | * | no | | | | | | * | | | |
| 13 PCB 13/12 | 222 | NotFnd | * | * | * | -0.00731 | | | -0.00731 | * | no | 1.978 | - |
| | DICB 224 | 12.59 | * | no | | | | | | * | | | |
| 14 PCB 15 | 222 | 12.73 | 123058 | 1.49 | 205865 | 0.122087 | PCB 15 % Rec = 122 | | -0.01388 | 318 | no | 1.042 | - |
| | DICB 224 | 12.73 | 82806 | yes | | | | | | 29 | | | |
| 15 PCB 19 | 256 | 11.51 | 29801 | 1.04 | 58567 | 0.103286 | PCB 19 % Rec = 103 | | -0.00183 | 379 | no | 1.156 | - |
| | TriCB 258 | 11.51 | 28765 | yes | | | | | | 375 | | | |
| 16 PCB 30/18 | 256 | NotFnd | * | * | * | -0.00245 | | | -0.00245 | * | no | 0.864 | - |
| | TriCB 258 | 12.32 | * | no | | | | | | * | | | |
| 17 PCB 17 | 256 | NotFnd | * | * | * | -0.00307 | | | -0.00307 | * | no | 0.691 | - |
| | TriCB 258 | 12.50 | * | no | | | | | | * | | | |
| 18 PCB 27 | 256 | NotFnd | * | * | * | -0.00211 | | | -0.00211 | * | no | 1.006 | - |
| | TriCB 258 | 12.62 | * | no | | | | | | * | | | |
| 19 PCB 24 | 256 | NotFnd | * | * | * | -0.00264 | | | -0.00264 | * | no | 0.802 | - |
| | TriCB 258 | 12.68 | * | no | | | | | | * | | | |
| 20 PCB 16 | 256 | NotFnd | * | * | * | -0.00345 | | | -0.00345 | * | no | 0.614 | - |
| | TriCB 258 | 12.73 | * | no | | | | | | * | | | |
| 21 PCB 32 | 256 | NotFnd | * | * | * | -0.00193 | | | -0.00193 | * | no | 1.1 | - |
| | TriCB 258 | 12.95 | * | no | | | | | | * | | | |
| 22 PCB 34 | 256 | 13.51 | 96951 | 0.97 | 196636 | 0.092418 | PCB 34 % Rec = 92 | | -0.00086 | 385 | no | 2.11 | - |
| | TriCB 258 | 13.54 | 99685 | yes | | | | | | 413 | | | |
| 23 PCB 23 | 256 | 13.60 | 94026 | 1.01 | 187168 | 0.099585 | PCB 23 % Rec = 100 | | -0.00097 | 392 | no | 1.864 | - |
| | TriCB 258 | 13.63 | 93142 | yes | | | | | | 410 | | | |
| 24 PCB 26/29 | 256 | NotFnd | * | * | * | -0.00085 | | | -0.00085 | * | no | 2.13 | - |
| | TriCB 258 | 13.78 | * | no | | | | | | * | | | |
| 25 PCB 25 | 256 | NotFnd | * | * | * | -0.00086 | | | -0.00086 | * | no | 2.103 | - |
| | TriCB 258 | 13.85 | * | no | | | | | | * | | | |
| 26 PCB 31 | 256 | NotFnd | * | * | * | -0.00082 | | | -0.00082 | * | no | 2.202 | - |
| | TriCB 258 | 14.02 | * | no | | | | | | * | | | |
| 27 PCB 28/20 | 256 | NotFnd | * | * | * | -0.00092 | | | -0.00092 | * | no | 1.971 | - |
| | TriCB 258 | 14.18 | * | no | | | | | | * | | | |
| 28 PCB 21/33 | 256 | NotFnd | * | * | * | -0.0009 | | | -0.0009 | * | no | 2.008 | - |
| | TriCB 258 | 14.28 | * | no | | | | | | * | | | |
| 29 PCB 22 | 256 | NotFnd | * | * | * | -0.00103 | | | -0.00103 | * | no | 1.758 | - |
| | TriCB 258 | 14.47 | * | no | | | | | | * | | | |
| 30 PCB 36 | 256 | NotFnd | * | * | * | -0.00078 | | | -0.00078 | * | no | 2.334 | - |
| | TriCB 258 | 15.31 | * | no | | | | | | * | | | |
| 31 PCB 39 | 256 | NotFnd | * | * | * | -0.00094 | | | -0.00094 | * | no | 1.922 | - |
| | TriCB 258 | 15.52 | * | no | | | | | | * | | | |
| 32 PCB 38 | 256 | NotFnd | * | * | * | -0.00092 | | | -0.00092 | * | no | 1.971 | - |
| | TriCB 258 | 15.88 | * | no | | | | | | * | | | |
| 33 PCB 35 | 256 | NotFnd | * | * | * | -0.0009 | | | -0.0009 | * | no | 2.017 | - |
| | TriCB 258 | 16.14 | * | no | | | | | | * | | | |
| 34 PCB 37 | 256 | 16.37 | 94777 | 1.01 | 188478 | 0.125333 | PCB 37 % Rec = 125 | | -0.00184 | 309 | no | 0.985 | - |
| | TriCB 258 | 16.39 | 93701 | yes | | | | | | 326 | | | |
| 35 PCB 54 | 290 | 12.87 | 24736 | 0.77 | 56858 | 0.106037 | PCB 54 % Rec = 106 | | -0.00473 | 59 | no | 1.02 | - |
| | TCB 292 | 12.88 | 32122 | yes | | | | | | 59 | | | |
| 36 PCB 53/50 | 290 | NotFnd | * | * | * | -0.00283 | | | -0.00283 | * | no | 0.872 | - |
| | TCB 292 | 13.89 | * | no | | | | | | * | | | |
| 37 PCB 45/51 | 290 | NotFnd | * | * | * | -0.00299 | | | -0.00299 | * | no | 0.826 | - |
| | TCB 292 | 14.24 | * | no | | | | | | * | | | |
| 38 PCB 46 | 290 | NotFnd | * | * | * | -0.0034 | | | -0.0034 | * | no | 0.727 | - |
| | TCB 292 | 14.39 | * | no | | | | | | * | | | |
| 39 PCB 62 | 290 | NotFnd | * | * | * | -0.00273 | | | -0.00273 | * | no | 0.905 | - |
| | TCB 292 | 15.10 | * | no | | | | | | * | | | |
| 40 PCB 73 | 290 | NotFnd | * | * | * | -0.00221 | | | -0.00221 | * | no | 1.116 | - |
| | TCB 292 | 15.18 | * | no | | | | | | * | | | |
| 41 PCB 43 | 290 | NotFnd | * | * | * | -0.0046 | | | -0.0046 | * | no | 0.537 | - |
| | TCB 292 | 15.25 | * | no | | | | | | * | | | |
| 42 PCB 69/49 | 290 | NotFnd | * | * | * | -0.00253 | | | -0.00253 | * | no | 0.976 | - |
| | TCB 292 | 15.37 | * | no | | | | | | * | | | |

| | | | | | | | | | | | | | |
|---------------------|----------|--------|--------|------|--------|----------|-------------------------|--|----------|-----|----|-------|---|
| 90 PCB 122 | 326 | NotFnd | * | * | * | -0.00102 | | | -0.00102 | * | no | 1.418 | - |
| | PeCB 328 | 23.65 | * | no | | | | | | * | | | |
| 91 PCB 114 | 326 | 23.81 | 83080 | 1.57 | 135985 | 0.122414 | PCB 114 % Rec = 122 | | -0.00134 | 259 | no | 1.076 | - |
| | PeCB 328 | 23.82 | 52905 | yes | | | | | | 252 | | | |
| 92 PCB 105 | 326 | 24.37 | 82266 | 1.52 | 136321 | 0.125046 | PCB 105 % Rec = 125 | | -0.00139 | 242 | no | 1.04 | - |
| | PeCB 328 | 24.39 | 54054 | yes | | | | | | 248 | | | |
| 93 PCB 127 | 326 | NotFnd | * | * | * | -0.00091 | | | -0.00091 | * | no | 1.583 | - |
| | PeCB 328 | 25.68 | * | no | | | | | | * | | | |
| 94 PCB 126 | 326 | 27.19 | 77336 | 1.53 | 127721 | 0.122751 | PCB 126 % Rec = 123 | | -0.00139 | 226 | no | 1.037 | - |
| | PeCB 328 | 27.20 | 50385 | yes | | | | | | 231 | | | |
| 95 PCB 155 | 360 | 19.26 | 35916 | 1.22 | 65280 | 0.103147 | PCB 155 % Rec = 103 | | -0.00053 | 470 | no | 1.079 | - |
| | HxCB 362 | 19.26 | 29365 | yes | | | | | | 487 | | | |
| 96 PCB 152 | 360 | NotFnd | * | * | * | -0.00084 | | | -0.00084 | * | no | 0.886 | - |
| | HxCB 362 | 19.42 | * | no | | | | | | * | | | |
| 97 PCB 150 | 360 | NotFnd | * | * | * | -0.00095 | | | -0.00095 | * | no | 0.606 | - |
| | HxCB 362 | 19.53 | * | no | | | | | | * | | | |
| 98 PCB 136 | 360 | NotFnd | * | * | * | -0.00088 | | | -0.00088 | * | no | 0.659 | - |
| | HxCB 362 | 19.80 | * | no | | | | | | * | | | |
| 99 PCB 145 | 360 | NotFnd | * | * | * | -0.00101 | | | -0.00101 | * | no | 0.57 | - |
| | HxCB 362 | 20.03 | * | no | | | | | | * | | | |
| 100 PCB 148 | 360 | NotFnd | * | * | * | -0.00118 | | | -0.00118 | * | no | 0.491 | - |
| | HxCB 362 | 21.13 | * | no | | | | | | * | | | |
| 101 PCB 151/135 | 360 | NotFnd | * | * | * | -0.00131 | | | -0.00131 | * | no | 0.442 | - |
| | HxCB 362 | 21.63 | * | no | | | | | | * | | | |
| 102 PCB 154 | 360 | NotFnd | * | * | * | -0.00109 | | | -0.00109 | * | no | 0.528 | - |
| | HxCB 362 | 21.82 | * | no | | | | | | * | | | |
| 103 PCB 144 | 360 | NotFnd | * | * | * | -0.00123 | | | -0.00123 | * | no | 0.469 | - |
| | HxCB 362 | 22.06 | * | no | | | | | | * | | | |
| 104 PCB 147/149 | 360 | NotFnd | * | * | * | -0.00286 | | | -0.00286 | * | no | 0.665 | - |
| | HxCB 362 | 22.36 | * | no | | | | | | * | | | |
| 105 PCB 134/143 | 360 | NotFnd | * | * | * | -0.00321 | | | -0.00321 | * | no | 0.593 | - |
| | HxCB 362 | 22.61 | * | no | | | | | | * | | | |
| 106 PCB 139/140 | 360 | NotFnd | * | * | * | -0.00286 | | | -0.00286 | * | no | 0.666 | - |
| | HxCB 362 | 22.88 | * | no | | | | | | * | | | |
| 107 PCB 131 | 360 | NotFnd | * | * | * | -0.00352 | | | -0.00352 | * | no | 0.54 | - |
| | HxCB 362 | 23.06 | * | no | | | | | | * | | | |
| 108 PCB 142 | 360 | NotFnd | * | * | * | -0.00316 | | | -0.00316 | * | no | 0.603 | - |
| | HxCB 362 | 23.19 | * | no | | | | | | * | | | |
| 109 PCB 132 | 360 | NotFnd | * | * | * | -0.0036 | | | -0.0036 | * | no | 0.528 | - |
| | HxCB 362 | 23.44 | * | no | | | | | | * | | | |
| 110 PCB 133 | 360 | NotFnd | * | * | * | -0.00303 | | | -0.00303 | * | no | 0.629 | - |
| | HxCB 362 | 23.84 | * | no | | | | | | * | | | |
| 111 PCB 165 | 360 | NotFnd | * | * | * | -0.00259 | | | -0.00259 | * | no | 0.735 | - |
| | HxCB 362 | 24.17 | * | no | | | | | | * | | | |
| 112 PCB 146 | 360 | NotFnd | * | * | * | -0.00266 | | | -0.00266 | * | no | 0.715 | - |
| | HxCB 362 | 24.40 | * | no | | | | | | * | | | |
| 113 PCB 161 | 360 | NotFnd | * | * | * | -0.0022 | | | -0.0022 | * | no | 0.864 | - |
| | HxCB 362 | 24.51 | * | no | | | | | | * | | | |
| 114 PCB 153/168 | 360 | NotFnd | * | * | * | -0.00243 | | | -0.00243 | * | no | 0.783 | - |
| | HxCB 362 | 24.96 | * | no | | | | | | * | | | |
| 115 PCB 141 | 360 | NotFnd | * | * | * | -0.00294 | | | -0.00294 | * | no | 0.648 | - |
| | HxCB 362 | 25.12 | * | no | | | | | | * | | | |
| 116 PCB 130 | 360 | NotFnd | * | * | * | -0.00328 | | | -0.00328 | * | no | 0.581 | - |
| | HxCB 362 | 25.50 | * | no | | | | | | * | | | |
| 117 PCB 137 | 360 | NotFnd | * | * | * | -0.0033 | | | -0.0033 | * | no | 0.577 | - |
| | HxCB 362 | 25.70 | * | no | | | | | | * | | | |
| 118 PCB 164 | 360 | NotFnd | * | * | * | -0.00239 | | | -0.00239 | * | no | 0.796 | - |
| | HxCB 362 | 25.82 | * | no | | | | | | * | | | |
| 119 PCB 138/163/129 | 360 | NotFnd | * | * | * | -0.0029 | | | -0.0029 | * | no | 0.657 | - |
| | HxCB 362 | 26.11 | * | no | | | | | | * | | | |
| 120 PCB 160 | 360 | NotFnd | * | * | * | -0.00274 | | | -0.00274 | * | no | 0.695 | - |
| | HxCB 362 | 26.28 | * | no | | | | | | * | | | |
| 121 PCB 158 | 360 | NotFnd | * | * | * | -0.00218 | | | -0.00218 | * | no | 0.872 | - |
| | HxCB 362 | 26.46 | * | no | | | | | | * | | | |
| 122 PCB 128/166 | 360 | NotFnd | * | * | * | -0.00272 | | | -0.00272 | * | no | 0.7 | - |
| | HxCB 362 | 27.27 | * | no | | | | | | * | | | |
| 123 PCB 159 | 360 | NotFnd | * | * | * | -0.00123 | | | -0.00123 | * | no | 1.501 | - |
| | HxCB 362 | 28.25 | * | no | | | | | | * | | | |
| 124 PCB 162 | 360 | NotFnd | * | * | * | -0.00138 | | | -0.00138 | * | no | 1.338 | - |
| | HxCB 362 | 28.51 | * | no | | | | | | * | | | |
| 125 PCB 167 | 360 | 29.01 | 76975 | 1.16 | 143452 | 0.124655 | PCB 167 % Rec = 125 | | -0.00195 | 213 | no | 0.951 | - |
| | HxCB 362 | 29.01 | 66478 | yes | | | | | | 228 | | | |
| 126 PCB 156/157 | 360 | 30.15 | 150396 | 1.21 | 274436 | 0.250728 | PCB 156/157 % Rec = 125 | | -0.00179 | 337 | no | 1.036 | - |
| | HxCB 362 | 30.16 | 124040 | yes | | | | | | 343 | | | |
| 127 PCB 169 | 360 | 33.53 | 50776 | 1.14 | 95452 | 0.12139 | PCB 169 % Rec = 121 | | -0.0019 | 132 | no | 0.973 | - |
| | HxCB 362 | 33.53 | 44676 | yes | | | | | | 143 | | | |
| 128 PCB 188 | 394 | 23.78 | 32809 | 1.06 | 63782 | 0.102617 | PCB 188 % Rec = 103 | | -0.00075 | 335 | no | 1.053 | - |
| | HpCB 396 | 23.78 | 30974 | yes | | | | | | 336 | | | |
| 129 PCB 179 | 394 | NotFnd | * | * | * | -0.0008 | | | -0.0008 | * | no | 0.98 | - |
| | HpCB 396 | 24.07 | * | no | | | | | | * | | | |
| 130 PCB 184 | 394 | NotFnd | * | * | * | -0.00087 | | | -0.00087 | * | no | 0.904 | - |
| | HpCB 396 | 24.57 | * | no | | | | | | * | | | |
| 131 PCB 176 | 394 | NotFnd | * | * | * | -0.00084 | | | -0.00084 | * | no | 0.939 | - |
| | HpCB 396 | 24.88 | * | no | | | | | | * | | | |
| 132 PCB 186 | 394 | NotFnd | * | * | * | -0.00096 | | | -0.00096 | * | no | 0.822 | - |
| | HpCB 396 | 25.28 | * | no | | | | | | * | | | |
| 133 PCB 178 | 394 | NotFnd | * | * | * | -0.00119 | | | -0.00119 | * | no | 0.663 | - |
| | HpCB 396 | 26.54 | * | no | | | | | | * | | | |
| 134 PCB 175 | 394 | NotFnd | * | * | * | -0.00113 | | | -0.00113 | * | no | 0.695 | - |
| | HpCB 396 | 27.14 | * | no | | | | | | * | | | |
| 135 PCB 187 | 394 | 27.39 | 25089 | 1.04 | 49270 | 0.108104 | PCB 187 % Rec = 108 | | -0.00122 | 243 | no | 0.647 | - |
| | HpCB 396 | 27.40 | 24181 | yes | | | | | | 248 | | | |
| 136 PCB 182 | 394 | 27.58 | 25862 | 1.11 | 49185 | 0.103827 | PCB 182 % Rec = 104 | | -0.00117 | 262 | no | 0.673 | - |
| | HpCB 396 | 27.61 | 23323 | yes | | | | | | 241 | | | |

| | | | | | | | | | | | | |
|-------------------|----------|--------|--------|------|--------|----------|------------------------|----------|------|-----|-------|-----|
| 137 PCB 183 | 394 | NotFnd | * | * | * | -0.00285 | | -0.00285 | * | no | 1.138 | - |
| | HpCB 396 | 27.96 | * | no | * | | | | * | | | |
| 138 PCB 185 | 394 | NotFnd | * | * | * | -0.00436 | | -0.00436 | * | no | 0.743 | - |
| | HpCB 396 | 28.06 | * | no | * | | | | * | | | |
| 139 PCB 174 | 394 | NotFnd | * | * | * | -0.00374 | | -0.00374 | * | no | 0.867 | - |
| | HpCB 396 | 28.18 | * | no | * | | | | * | | | |
| 140 PCB 177 | 394 | NotFnd | * | * | * | -0.00371 | | -0.00371 | * | no | 0.874 | - |
| | HpCB 396 | 28.66 | * | no | * | | | | * | | | |
| 141 PCB 181 | 394 | NotFnd | * | * | * | -0.00381 | | -0.00381 | * | no | 0.85 | - |
| | HpCB 396 | 29.03 | * | no | * | | | | * | | | |
| 142 PCB 171/173 | 394 | NotFnd | * | * | * | -0.0037 | | -0.0037 | * | no | 0.875 | - |
| | HpCB 396 | 29.25 | * | no | * | | | | * | | | |
| 143 PCB 172 | 394 | NotFnd | * | * | * | -0.00374 | | -0.00374 | * | no | 0.866 | - |
| | HpCB 396 | 30.90 | * | no | * | | | | * | | | |
| 144 PCB 192 | 394 | NotFnd | * | * | * | -0.00331 | | -0.00331 | * | no | 0.979 | - |
| | HpCB 396 | 31.21 | * | no | * | | | | * | | | |
| 145 PCB 193/180 | 394 | 31.59 | 34635 | 1.14 | 65110 | 0.091091 | PCB 193/180 % Rec = 91 | -0.00243 | 83 | yes | 1.333 | - |
| | HpCB 396 | 31.56 | 30475 | * | * | * | | | 75 | | | |
| 146 PCB 191 | 394 | NotFnd | * | * | * | -0.00281 | | -0.00281 | * | no | 1.152 | - |
| | HpCB 396 | 31.94 | * | no | * | | | | * | | | |
| 147 PCB 170 | 394 | 32.90 | 33733 | 1.08 | 65007 | 0.111884 | PCB 170 % Rec = 112 | -0.00269 | 79 | no | 1.206 | - |
| | HpCB 396 | 32.90 | 31275 | yes | * | * | | | 78 | | | |
| 148 PCB 190 | 394 | NotFnd | * | * | * | -0.00298 | | -0.00298 | * | no | 1.089 | - |
| | HpCB 396 | 33.46 | * | no | * | | | | * | | | |
| 149 PCB 189 | 394 | 36.27 | 63219 | 1 | 126574 | 0.114987 | PCB 189 % Rec = 115 | -0.00172 | 161 | no | 0.91 | - |
| | HpCB 396 | 36.29 | 63355 | yes | * | * | | | 171 | | | |
| 150 PCB 202 | 428 | 28.76 | 30252 | 0.93 | 62720 | 0.104473 | PCB 202 % Rec = 104 | -0.00122 | 226 | no | 1.08 | - |
| | OcCB 430 | 28.77 | 32469 | yes | * | * | | | 221 | | | |
| 151 PCB 201 | 428 | NotFnd | * | * | * | -0.00121 | | -0.00121 | * | no | 1.088 | - |
| | OcCB 430 | 29.69 | * | no | * | * | | | * | | | |
| 152 PCB 204 | 428 | NotFnd | * | * | * | -0.00122 | | -0.00122 | * | no | 1.08 | - |
| | OcCB 430 | 30.38 | * | no | * | * | | | * | | | |
| 153 PCB 197 | 428 | NotFnd | * | * | * | -0.0015 | | -0.0015 | * | no | 0.88 | - |
| | OcCB 430 | 30.61 | * | no | * | * | | | * | | | |
| 154 PCB 200 | 428 | NotFnd | * | * | * | -0.00115 | | -0.00115 | * | no | 1.141 | - |
| | OcCB 430 | 30.72 | * | no | * | * | | | * | | | |
| 155 PCB 198/199 | 428 | NotFnd | * | * | * | -0.0019 | | -0.0019 | * | no | 0.691 | - |
| | OcCB 430 | 33.63 | * | no | * | * | | | * | | | |
| 156 PCB 196 | 428 | NotFnd | * | * | * | -0.00179 | | -0.00179 | * | no | 0.736 | - |
| | OcCB 430 | 34.35 | * | no | * | * | | | * | | | |
| 157 PCB 203 | 428 | NotFnd | * | * | * | -0.00185 | | -0.00185 | * | no | 0.712 | - |
| | OcCB 430 | 34.54 | * | no | * | * | | | * | | | |
| 158 PCB 195 | 428 | NotFnd | * | * | * | -0.00249 | | -0.00249 | * | no | 1.012 | - |
| | OcCB 430 | 35.99 | * | no | * | * | | | * | | | |
| 159 PCB 194 | 428 | NotFnd | * | * | * | -0.00237 | | -0.00237 | * | no | 1.061 | - |
| | OcCB 430 | 38.61 | * | no | * | * | | | * | | | |
| 160 PCB 205 | 428 | 39.16 | 37238 | 0.94 | 76783 | 0.105012 | PCB 205 % Rec = 105 | -0.00235 | 114 | no | 1.071 | - |
| | OcCB 430 | 39.16 | 39546 | yes | * | * | | | 108 | | | |
| 161 PCB 208 | 462 | 35.76 | 26858 | 0.8 | 60442 | 0.105541 | PCB 208 % Rec = 106 | -0.00387 | 69 | no | 1.082 | - |
| | NoCB 464 | 35.78 | 33585 | yes | * | * | | | 67 | | | |
| 162 PCB 207 | 462 | NotFnd | * | * | * | -0.00316 | | -0.00316 | * | no | 1.324 | - |
| | NoCB 464 | 36.81 | * | no | * | * | | | * | | | |
| 163 PCB 206 | 462 | 41.14 | 21068 | 0.77 | 48255 | 0.109771 | PCB 206 % Rec = 110 | -0.00388 | 52 | no | 1.077 | - |
| | NoCB 464 | 41.12 | 27187 | yes | * | * | | | 51 | | | |
| 164 PCB 209 | 498 | 42.98 | 23579 | 1.19 | 43357 | 0.09882 | PCB 209 % Rec = 99 | -0.0006 | 422 | no | 1.024 | - |
| | DCB 500 | 43.01 | 19778 | yes | * | * | | | 416 | | | |
| 165 PCB 1L | 200 | 8.84 | 173659 | 3.48 | 223798 | 0.181461 | | 0 | 3819 | no | 0.821 | 82 |
| | 202 | 8.83 | 49939 | yes | * | * | | | 546 | | | |
| 166 PCB 3L | 200 | 10.02 | 162352 | 3.3 | 211532 | 0.170172 | | 0 | 3588 | no | 0.828 | 77 |
| | 202 | 10.01 | 49180 | yes | * | * | | | 557 | | | |
| 167 PCB 4L | 234 | 10.14 | 53707 | 1.75 | 84347 | 0.199478 | | 0.002 | 398 | no | 0.282 | 90 |
| | 236 | 10.11 | 30640 | yes | * | * | | | 709 | | | |
| 168 PCB 15L | 234 | 12.73 | 206332 | 1.76 | 323793 | 0.202678 | | 0.001 | 856 | no | 1.064 | 91 |
| | 236 | 12.73 | 117461 | yes | * | * | | | 1122 | | | |
| 169 PCB 19L | 268 | 11.51 | 50429 | 1.06 | 98069 | 0.189172 | | 0.008 | 97 | no | 0.345 | 86 |
| | 270 | 11.49 | 47640 | yes | * | * | | | 51 | | | |
| 170 PCB 37L | 268 | 16.37 | 159254 | 1.09 | 305288 | 0.200282 | | 0.004 | 189 | no | 2.614 | 90 |
| | 270 | 16.36 | 146034 | yes | * | * | | | 122 | | | |
| 171 PCB 54L | 302 | 12.85 | 46833 | 0.8 | 105167 | 0.237909 | | 0.001 | 309 | no | 0.758 | 107 |
| | 304 | 12.85 | 58334 | yes | * | * | | | 1143 | | | |
| 172 PCB 81L | 302 | 20.98 | 97904 | 0.83 | 215197 | 0.196709 | | 0.001 | 414 | no | 1.876 | 88 |
| | 304 | 20.98 | 117293 | yes | * | * | | | 1003 | | | |
| 173 PCB 77L | 302 | 21.43 | 92234 | 0.81 | 205492 | 0.195897 | | 0.001 | 383 | no | 1.799 | 88 |
| | 304 | 21.43 | 113258 | yes | * | * | | | 941 | | | |
| 174 PCB 104L | 338 | 15.63 | 64627 | 1.58 | 105502 | 0.231276 | | 0 | 2617 | no | 0.967 | 104 |
| | 340 | 15.64 | 40874 | yes | * | * | | | 1760 | | | |
| 175 PCB 123L | 338 | 23.05 | 141519 | 1.64 | 227734 | 0.210451 | | 0 | 2073 | no | 2.293 | 95 |
| | 340 | 23.05 | 86215 | yes | * | * | | | 1950 | | | |
| 176 PCB 118L | 338 | 23.32 | 136306 | 1.68 | 217545 | 0.209255 | | 0 | 2038 | no | 2.203 | 95 |
| | 340 | 23.32 | 81239 | yes | * | * | | | 1867 | | | |
| 177 PCB 114L | 338 | 23.80 | 131437 | 1.75 | 206530 | 0.213579 | | 0 | 1927 | no | 2.049 | 96 |
| | 340 | 23.80 | 75093 | yes | * | * | | | 1694 | | | |
| 178 PCB 105L | 338 | 24.34 | 131073 | 1.67 | 209583 | 0.210104 | | 0 | 1867 | no | 2.114 | 95 |
| | 340 | 24.36 | 78510 | yes | * | * | | | 1737 | | | |
| 179 PCB 126L | 338 | 27.17 | 127478 | 1.74 | 200704 | 0.204789 | | 0 | 1757 | no | 2.077 | 92 |
| | 340 | 27.18 | 73226 | yes | * | * | | | 1563 | | | |
| 180 PCB 155L | 372 | 19.25 | 65302 | 1.26 | 117287 | 0.225543 | | 0 | 3966 | no | 1.056 | 102 |
| | 374 | 19.25 | 51986 | yes | * | * | | | 1338 | | | |
| 181 PCB 167L | 372 | 28.98 | 137548 | 1.32 | 241994 | 0.216684 | | 0.001 | 826 | no | 2.269 | 97 |
| | 374 | 29.01 | 104446 | yes | * | * | | | 1818 | | | |
| 182 PCB 156L/157L | 372 | 30.13 | 241119 | 1.33 | 422657 | 0.413824 | | 0.001 | 1192 | no | 2.076 | 93 |
| | 374 | 30.16 | 181537 | yes | * | * | | | 2530 | | | |
| 183 PCB 169L | 372 | 33.49 | 91500 | 1.3 | 161595 | 0.153211 | | 0.001 | 528 | no | 2.142 | 69 |
| | 374 | 33.60 | 70095 | yes | * | * | | | 1146 | | | |

| | | | | | | | | | | | | |
|-----------------------|-----|--------|---------|------|----------|----------|--|-------|----------|----|-------|-----|
| 184 PCB 188L | 406 | 23.76 | 60548 | 1.06 | 118013 | 0.217255 | | 0 | 1593 | no | 1.103 | 98 |
| | 408 | 23.76 | 57465 | yes | | | | | 1242 | | | |
| 185 PCB 180L | 406 | 31.56 | 55658 | 1.08 | 107228 | 0.203316 | | 0.001 | 754 | no | 1.219 | 92 |
| | 408 | 31.58 | 51570 | yes | | | | | 2085 | | | |
| 186 PCB 170L | 406 | 32.87 | 49546 | 1.06 | 96387 | 0.203918 | | 0.001 | 683 | no | 1.093 | 92 |
| | 408 | 32.89 | 46841 | yes | | | | | 1926 | | | |
| 187 PCB 189L | 406 | 36.25 | 124552 | 1.06 | 241827 | 0.230742 | | 0.001 | 1028 | no | 2.422 | 104 |
| | 408 | 36.25 | 117274 | yes | | | | | 1155 | | | |
| 188 PCB 202L | 440 | 28.74 | 51807 | 0.87 | 111210 | 0.215967 | | 0 | 1544 | no | 1.19 | 97 |
| | 442 | 28.72 | 59403 | yes | | | | | 1819 | | | |
| 189 PCB 205L | 440 | 39.12 | 66148 | 0.94 | 136532 | 0.213578 | | 0 | 1159 | no | 1.478 | 96 |
| | 442 | 39.15 | 70384 | yes | | | | | 1691 | | | |
| 190 PCB 208L | 474 | 35.74 | 46540 | 0.79 | 105863 | 0.211097 | | 0.001 | 862 | no | 1.159 | 95 |
| | 476 | 35.75 | 59323 | yes | | | | | 1341 | | | |
| 191 PCB 206L | 474 | 41.12 | 36888 | 0.82 | 81633 | 0.23177 | | 0.001 | 666 | no | 0.814 | 104 |
| | 476 | 41.12 | 44745 | yes | | | | | 1023 | | | |
| 192 PCB 209L | 510 | 42.96 | 45566 | 1.14 | 85693 | 0.262443 | | 0 | 2607 | no | 0.755 | 118 |
| | 512 | 42.97 | 40127 | yes | | | | | 4079 | | | |
| 193 PCB 28L | 268 | 14.15 | 188584 | 1.06 | 366561 | 0.2261 | | 0.004 | 242 | no | 2.78 | 92 |
| PCB Cleanup Standard | 270 | 14.15 | 177977 | yes | | | | | 164 | | | |
| 194 PCB 111L | 338 | 21.43 | 86290 | 1.65 | 138414 | 0.220172 | | 0 | 1608 | no | 1.332 | 89 |
| PCB Cleanup Standard | 340 | 21.43 | 52124 | yes | | | | | 1576 | | | |
| 195 PCB 178L | 406 | 26.61 | 40410 | 1.03 | 79726 | 0.248962 | | 0.001 | 982 | no | 0.65 | 101 |
| PCB Cleanup Standard | 408 | 26.50 | 39316 | yes | | | | | 807 | | | |
| 196 PCB 31L | 268 | NotFnd | * | * | * | | | 0.004 | | no | 2.775 | |
| PCB Audit Standard | 270 | 13.99 | * | no | | | | | | | | |
| 197 PCB 95L | 338 | NotFnd | * | * | * | | | 0.001 | | no | 0.967 | |
| PCB Audit Standard | 340 | 17.42 | * | no | | | | | | | | |
| 198 PCB 153L | 372 | 24.95 | 2057 | 1.63 | 3322 | 0.006668 | | 0 | 41 | no | 1.191 | 3 |
| PCB Audit Standard | 374 | 24.94 | 1265 | no | | | | | 38 | | | |
| 199 PCB 9L | 234 | 11.03 | 1050210 | 1.7 | 1668353 | 6.447984 | | - | 4652 | no | - | - |
| PCB Recovery Standard | 236 | 11.03 | 618143 | yes | | | | | 6316 | | | |
| 200 PCB 52L | 302 | 15.08 | 287828 | 0.8 | 647945 | 6.583822 | | - | 1973 | no | - | - |
| PCB Recovery Standard | 304 | 15.08 | 360117 | yes | | | | | 3171 | | | |
| 201 PCB 101L | 338 | 19.40 | 327349 | 1.66 | 524323 | 6.38726 | | - | 6571 | no | - | - |
| PCB Recovery Standard | 340 | 19.40 | 196974 | yes | | | | | 6547 | | | |
| 202 PCB 138L | 372 | 26.09 | 307581 | 1.28 | 546937 | 6.566009 | | - | 6415 | no | - | - |
| PCB Recovery Standard | 374 | 26.09 | 239357 | yes | | | | | 6597 | | | |
| 203 PCB 194L | 440 | 38.61 | 232409 | 0.94 | 480653 | 6.58277 | | - | 4132 | no | - | - |
| PCB Recovery Standard | 442 | 38.61 | 248244 | yes | | | | | 5962 | | | |
| Chlorobiphenyls | | | | | 0.255322 | | | 2 | -0.00061 | | | |
| Dichlorobiphenyls | | | | | 0.222183 | | | 2 | -0.0147 | | | |
| Trichlorobiphenyls | | | | | 0.420622 | | | 4 | -0.00345 | | | |
| Tetrachlorobiphenyls | | | | | 0.344227 | | | 3 | -0.00473 | | | |
| Pentachlorobiphenyls | | | | | 0.726302 | | | 6 | -0.00697 | | | |
| Hexachlorobiphenyls | | | | | 0.59992 | | | 4 | -0.0036 | | | |
| Heptachlorobiphenyls | | | | | 0.63251 | | | 6 | -0.00436 | | | |
| Octachlorobiphenyls | | | | | 0.209485 | | | 2 | -0.00249 | | | |
| Nonachlorobiphenyls | | | | | 0.215312 | | | 2 | -0.00388 | | | |
| Decachlorobiphenyl | | | | | 0.09882 | | | 1 | -0.0008 | | | |
| PCB (total) | | | | | 3.724703 | | | | | | | |

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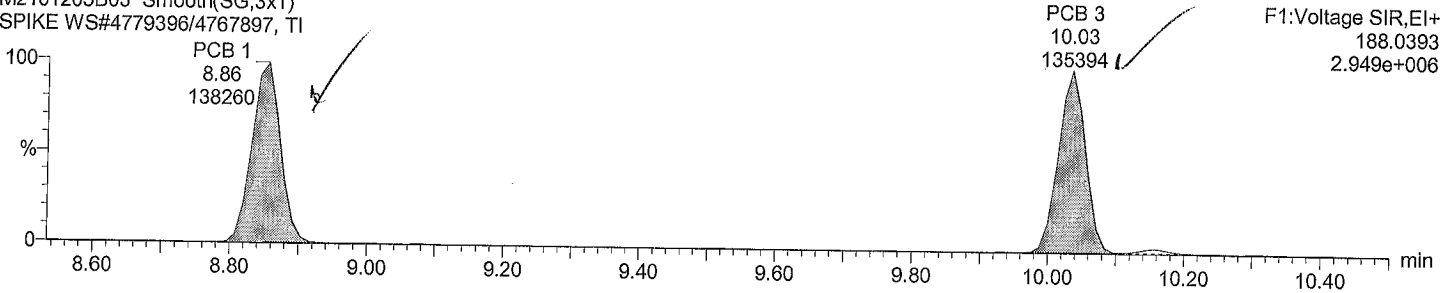
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Description: SPIKE
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Date: 05-Dec-2016
Time: 21:19:41
Instrument:

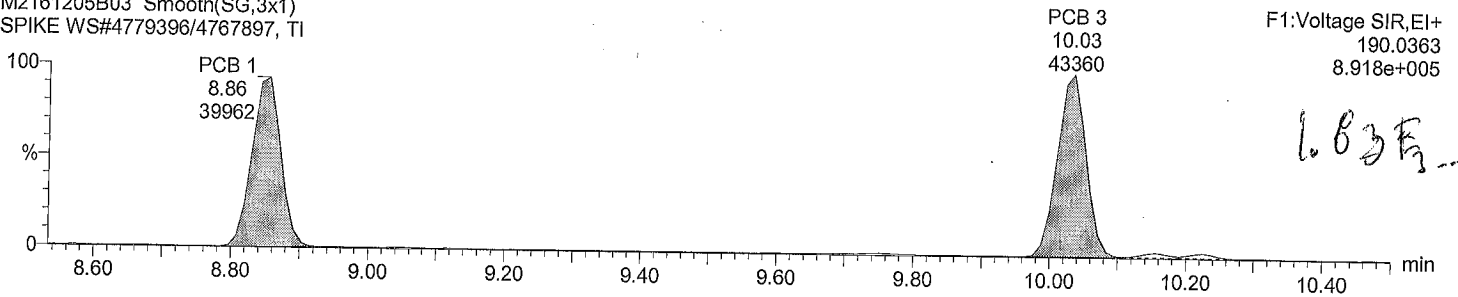
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SPIKE WS#4779396/4767897, TI



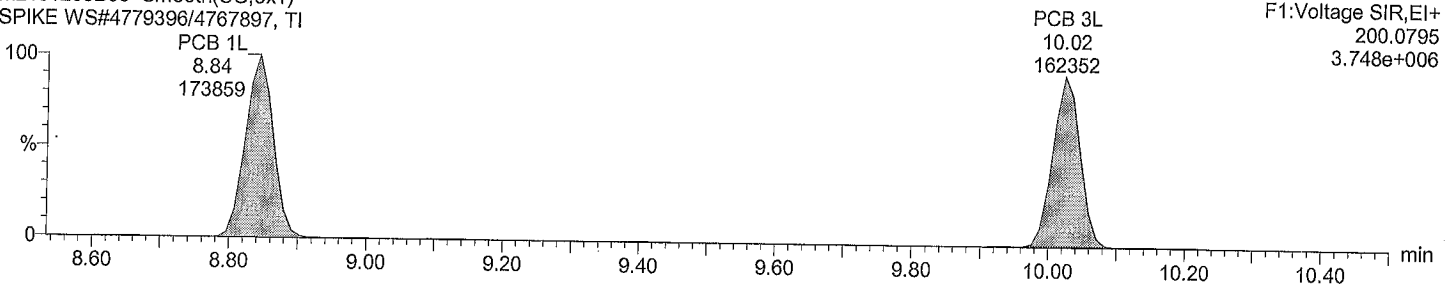
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SPIKE WS#4779396/4767897, TI



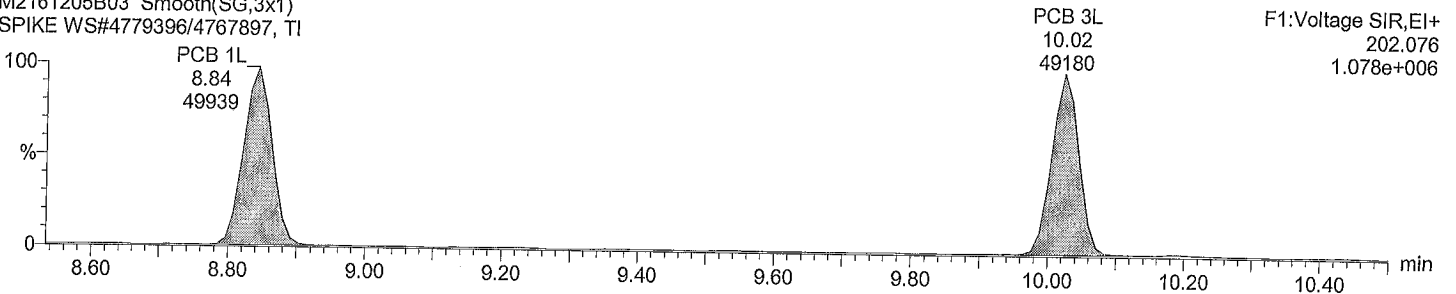
Total MoCB labeled F1

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



Total MoCB labeled F1

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



Dataset: C:\Documents and Settings\ahussain\Desktop\M2161205A_M2161205B_sampTI_1668A.qld

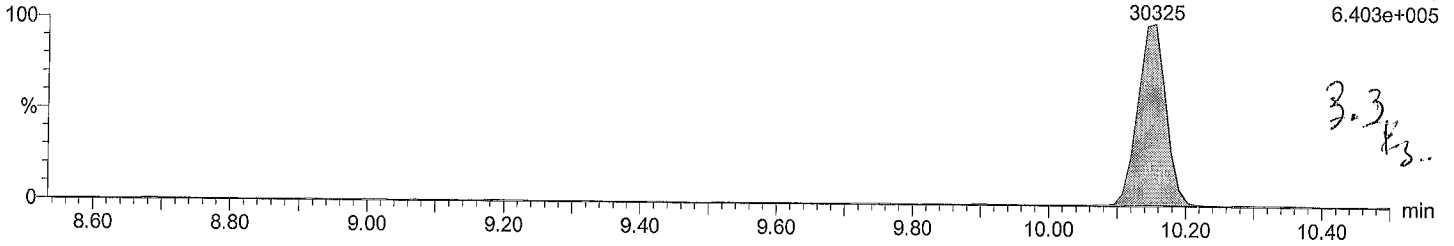
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Instrument:

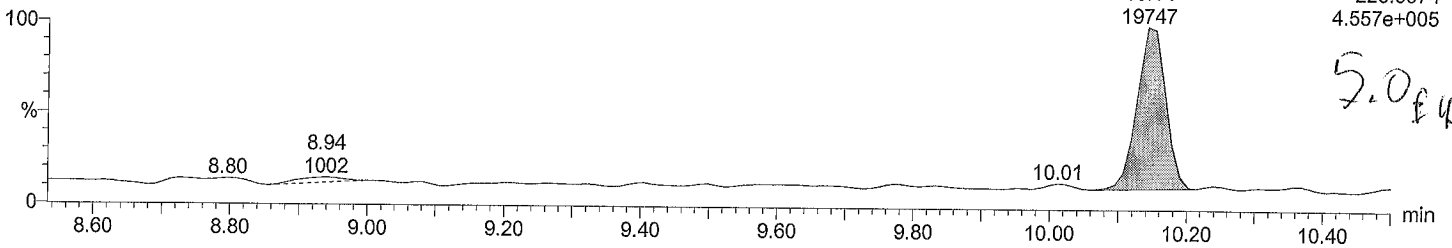
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SPIKE WS#4779396/4767897, TI



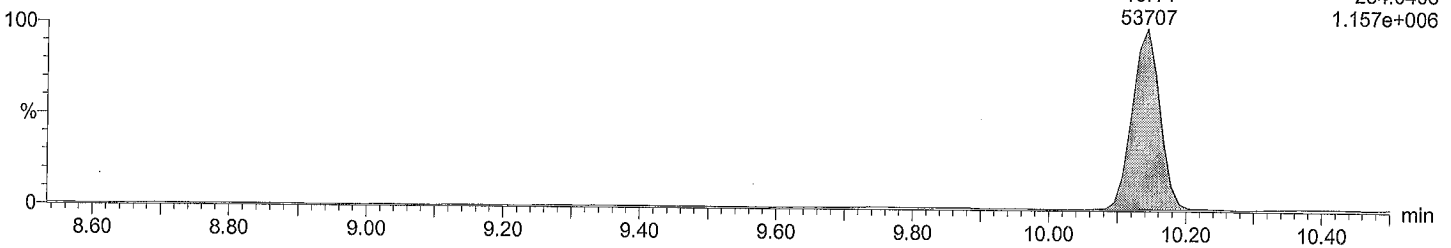
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SPIKE WS#4779396/4767897, TI



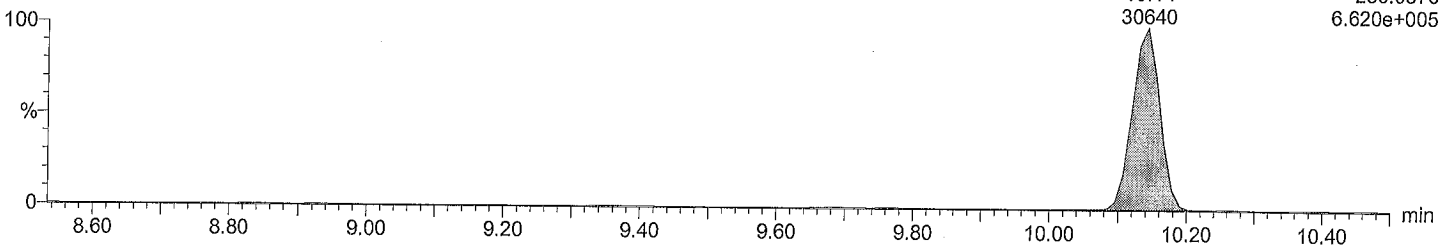
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M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



Total DiCB labeled F1

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



Dataset: C:\Documents and Settings\ahussain\Desktop\M2161205A_M2161205B_sampTI_1668A.qld

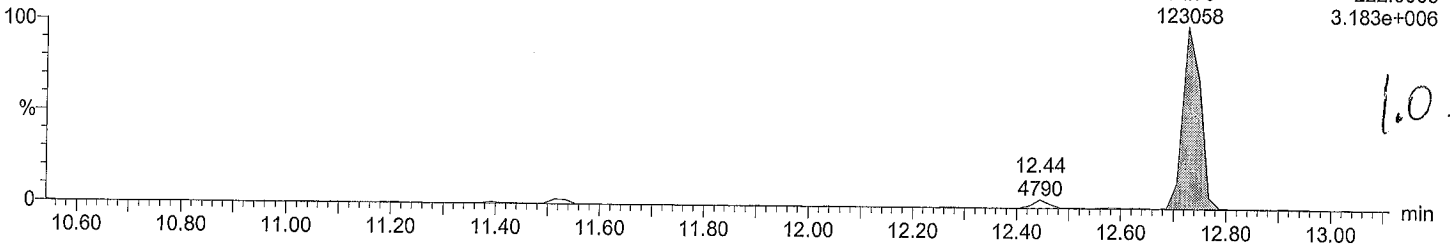
Last Altered: December 6, 2016 12:50:42 PM Eastern Standard Time
Printed: December 6, 2016 12:51:28 PM Eastern Standard Time

Description: SPIKE

Vial: 3
Date: 05-Dec-2016
Time: 21:19:41
Instrument:

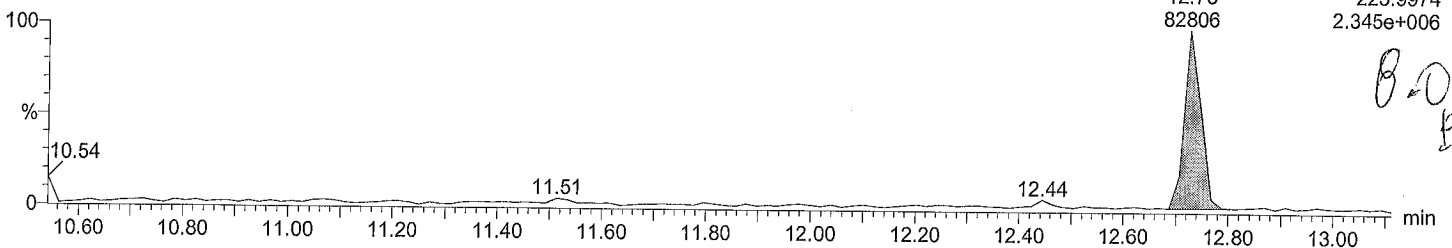
Total DiCB F2

M2161205B03
SPIKE WS#4779396/4767897, TI



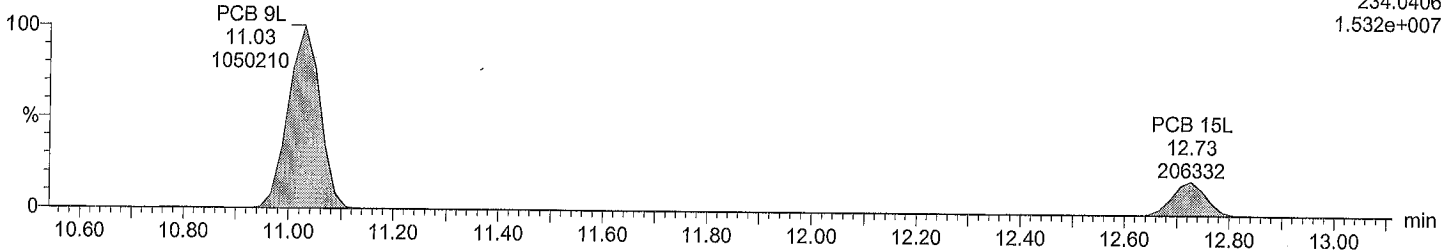
Total DiCB F2

M2161205B03
SPIKE WS#4779396/4767897, TI



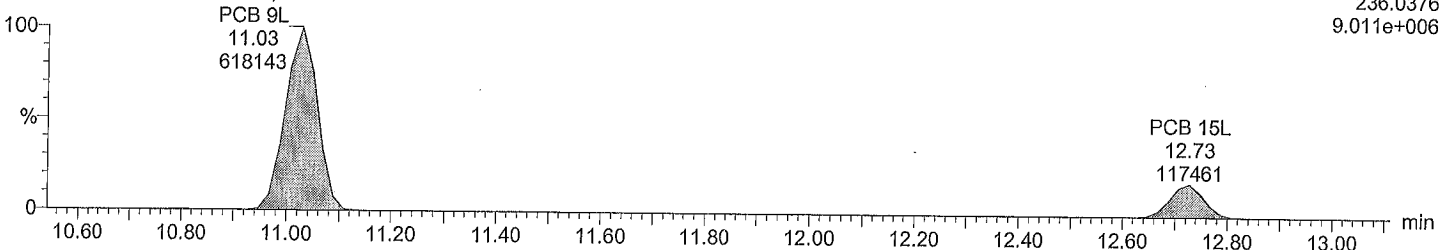
Total DiCB labeled F2

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



Total DiCB labeled F2

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



Dataset: C:\Documents and Settings\ahussain\Desktop\M2161205A_M2161205B_sampTI_1668A.qld

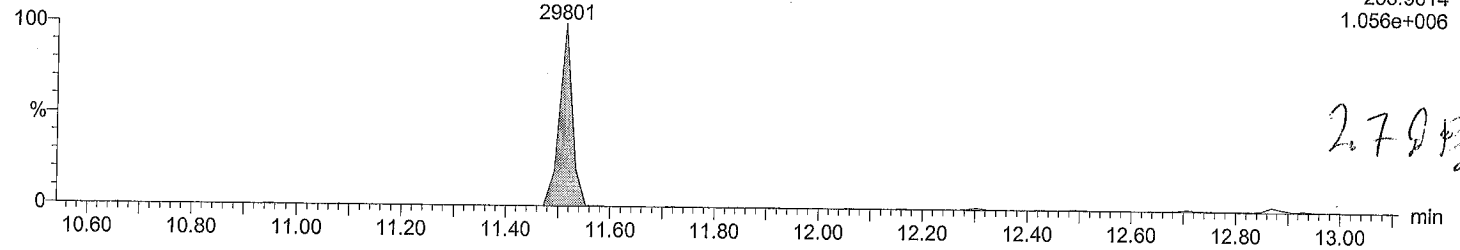
Last Altered: December 6, 2016 12:50:42 PM Eastern Standard Time
Printed: December 6, 2016 12:51:28 PM Eastern Standard Time

Description: SPIKE

Vial: 3
Date: 05-Dec-2016
Time: 21:19:41
Instrument:

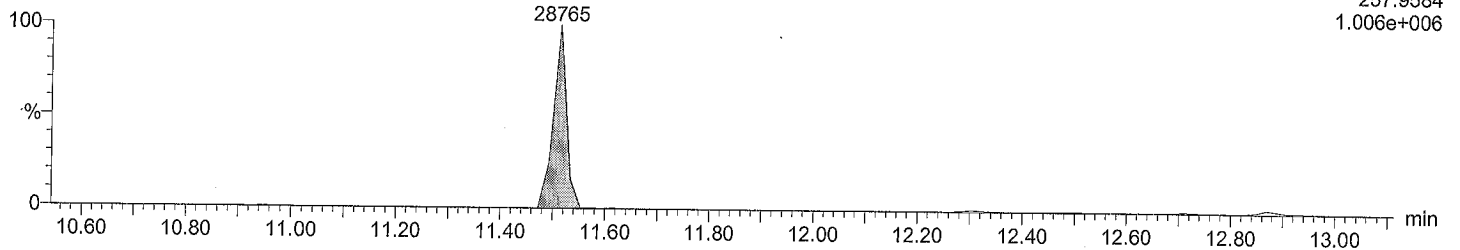
Total TriCB F2

M2161205B03
SPIKE WS#4779396/4767897, TI



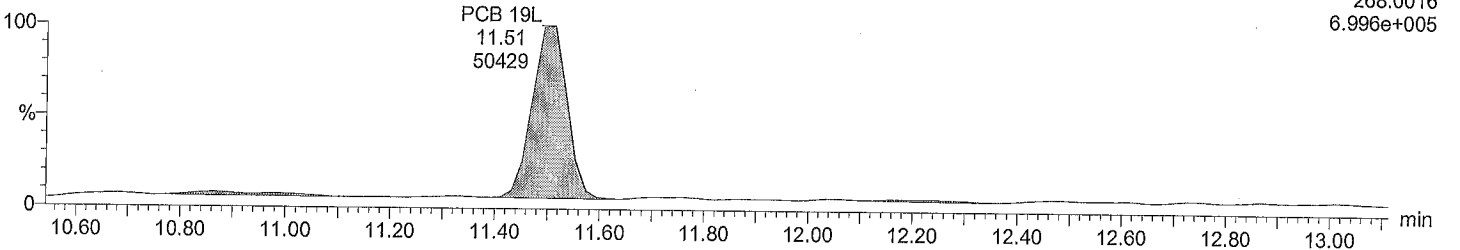
Total TriCB F2

M2161205B03
SPIKE WS#4779396/4767897, TI



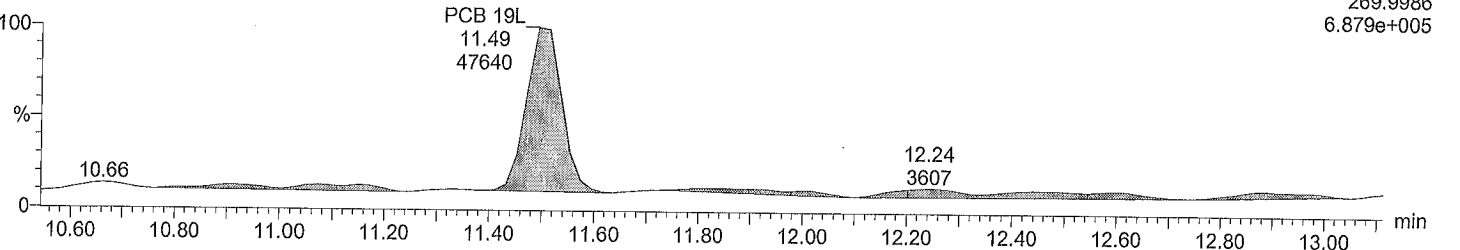
Total TriCB labeled F2

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



Total TriCB labeled F2

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



Dataset: C:\Documents and Settings\ahussain\Desktop\M2161205A_\M2161205B_sampTI_1668A.qld

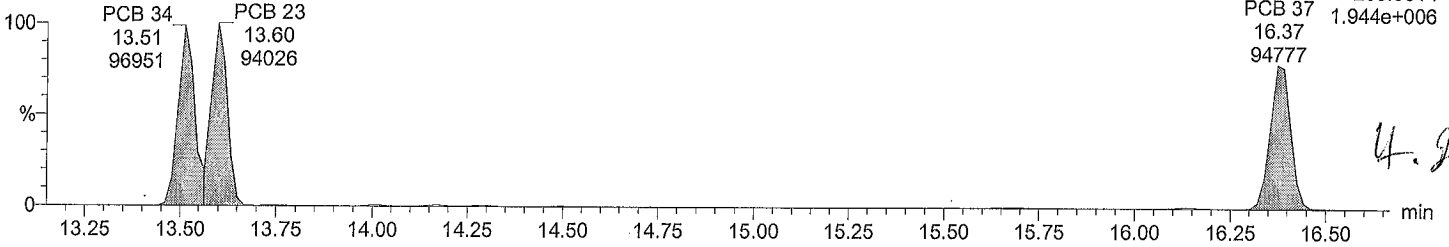
Last Altered: December 6, 2016 12:50:42 PM Eastern Standard Time
Printed: December 6, 2016 12:51:28 PM Eastern Standard Time

Description: SPIKE

Vial: 3
Date: 05-Dec-2016
Time: 21:19:41
Instrument:

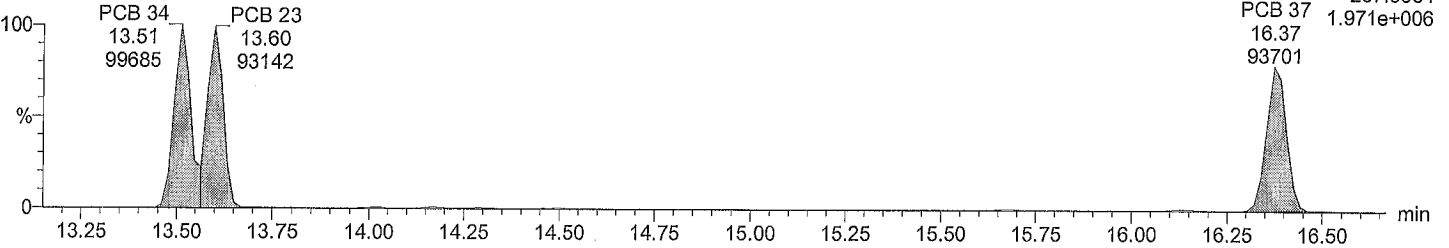
Total TriCB F3

M2161205B03 Smooth(SG,1x1)
SPIKE WS#4779396/4767897, TI



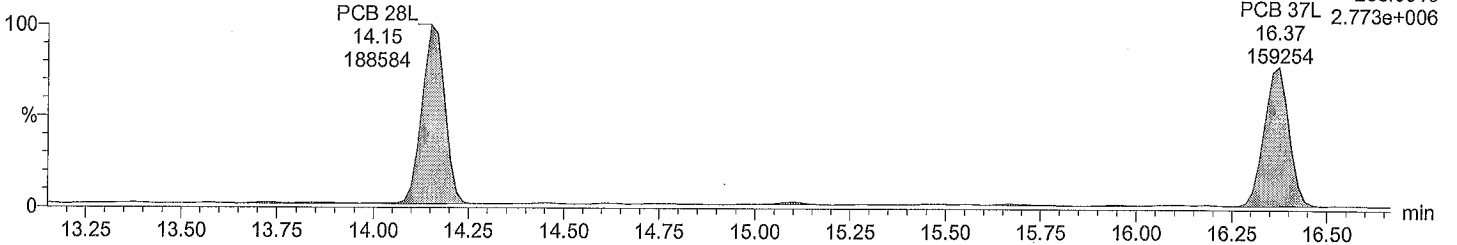
Total TriCB F3

M2161205B03 Smooth(SG,1x1)
SPIKE WS#4779396/4767897, TI



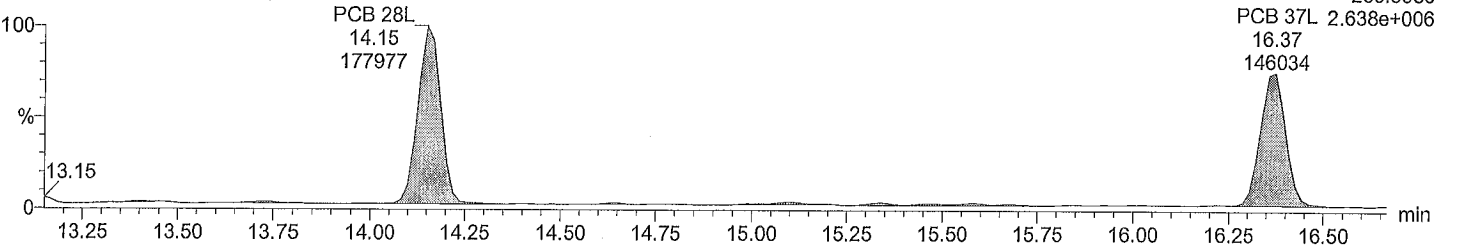
Total TriCB labeled F3

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



Total TriCB labeled F3

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



Acquired Date

Dataset: C:\Documents and Settings\lahussain\Desktop\M2161205A_\M2161205B_sampT1_1668A.qld

Last Altered: December 6, 2016 12:50:42 PM Eastern Standard Time

Printed: December 6, 2016 12:51:28 PM Eastern Standard Time

Description: SPIKE

Vial: 3

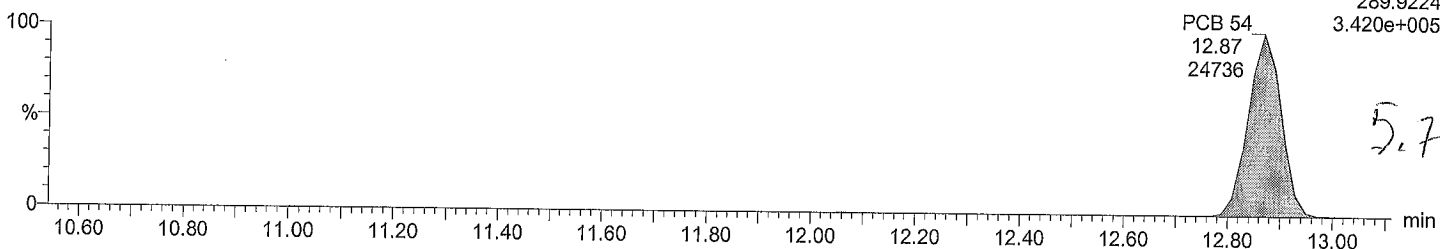
Date: 05-Dec-2016

Time: 21:19:41

Instrument:

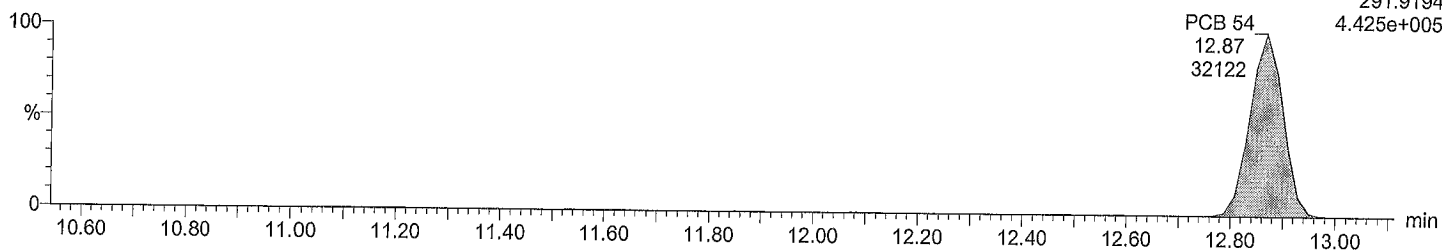
Total TeCB F2

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, T1



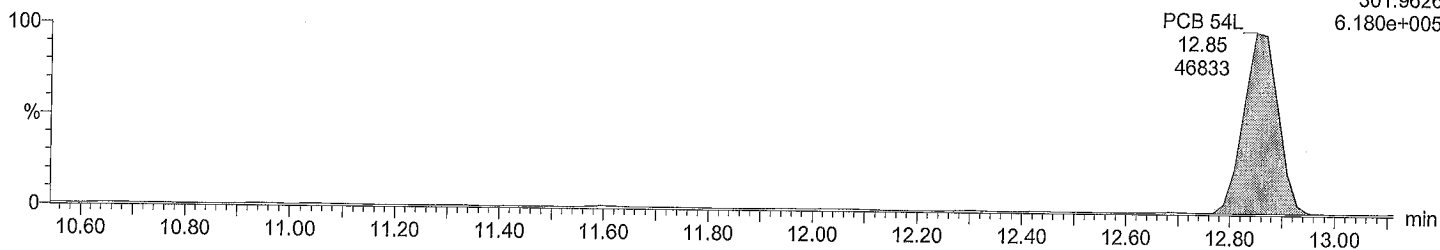
Total TeCB F2

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, T1



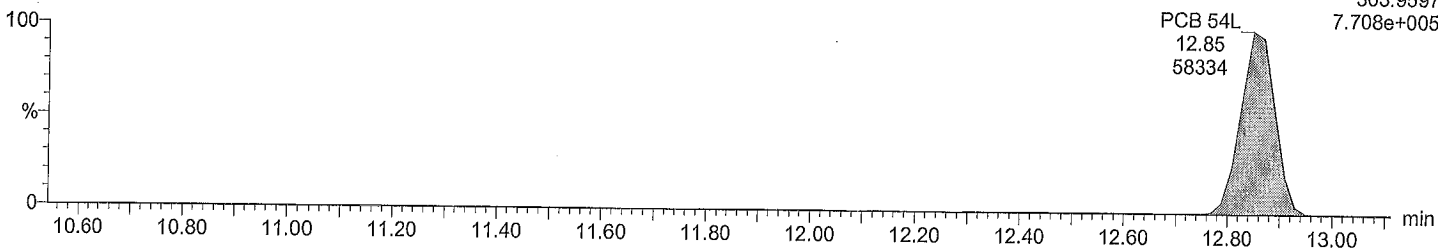
Total TeCB labeled F2

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, T1



Total TeCB labeled F2

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, T1



Dataset: C:\Documents and Settings\ahussain\Desktop\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: December 6, 2016 12:50:42 PM Eastern Standard Time
Printed: December 6, 2016 12:51:28 PM Eastern Standard Time

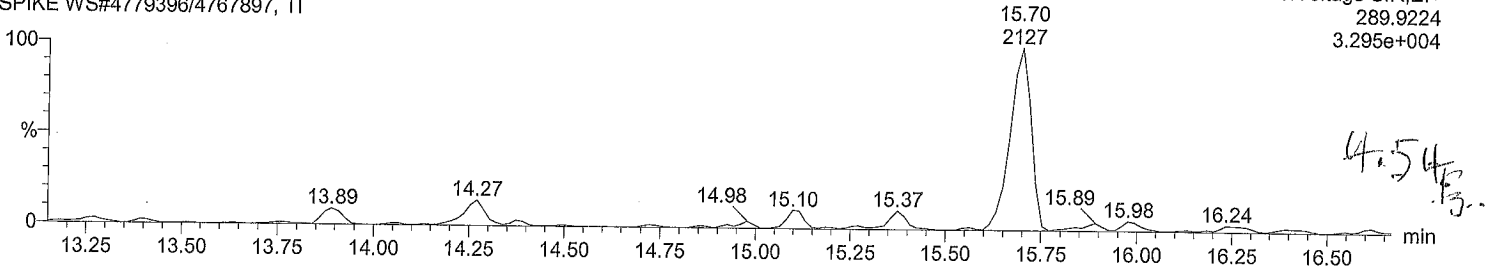
Description: SPIKE

Vial: 3
Date: 05-Dec-2016
Time: 21:19:41
Instrument:

Total TeCB F3

M2161205B03 Smooth(SG,1x1)
SPIKE WS#4779396/4767897, TI

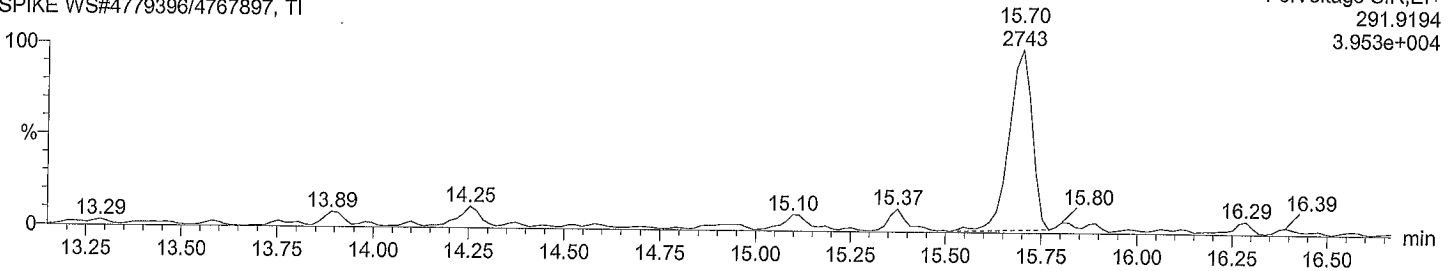
F3:Voltage SIR,EI+
289.9224
3.295e+004



Total TeCB F3

M2161205B03 Smooth(SG,1x1)
SPIKE WS#4779396/4767897, TI

F3:Voltage SIR,EI+
291.9194
3.953e+004

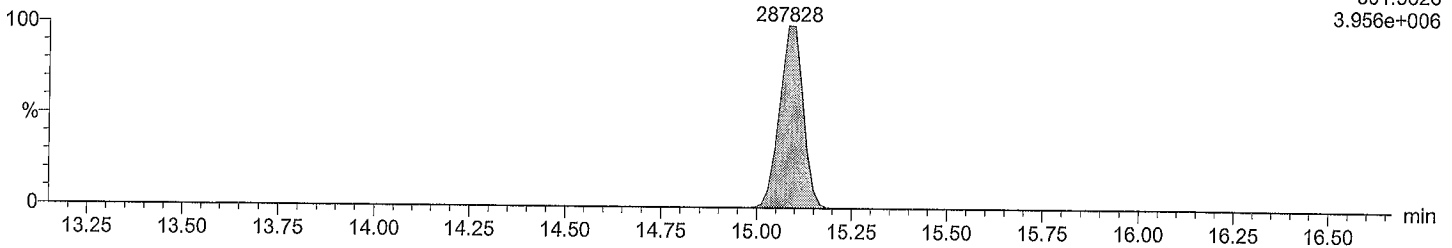


Total TeCB labeled F3

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI

PCB 52L
15.08
287828

F3:Voltage SIR,EI+
301.9626
3.956e+006

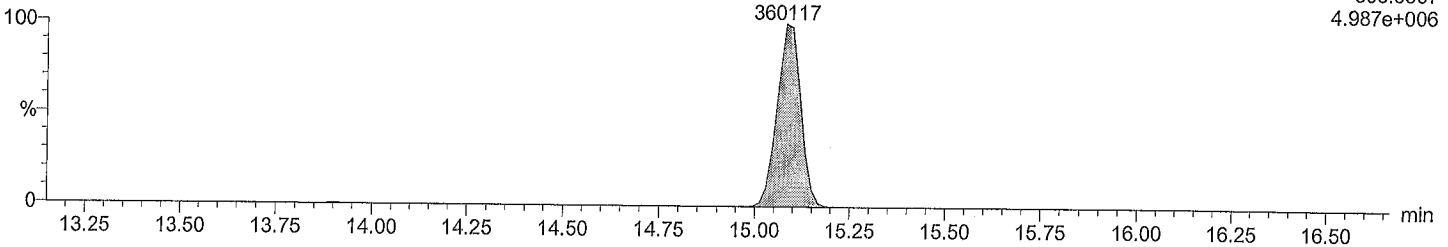


Total TeCB labeled F3

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI

PCB 52L
15.08
360117

F3:Voltage SIR,EI+
303.9597
4.987e+006



Dataset: C:\Documents and Settings\lahussain\Desktop\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: December 6, 2016 12:50:42 PM Eastern Standard Time
Printed: December 6, 2016 12:51:28 PM Eastern Standard Time

Description: SPIKE

Vial: 3

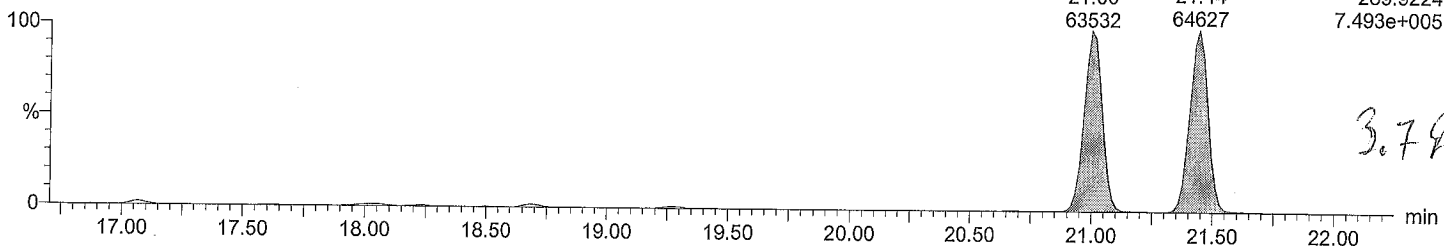
Date: 05-Dec-2016

Time: 21:19:41

Instrument:

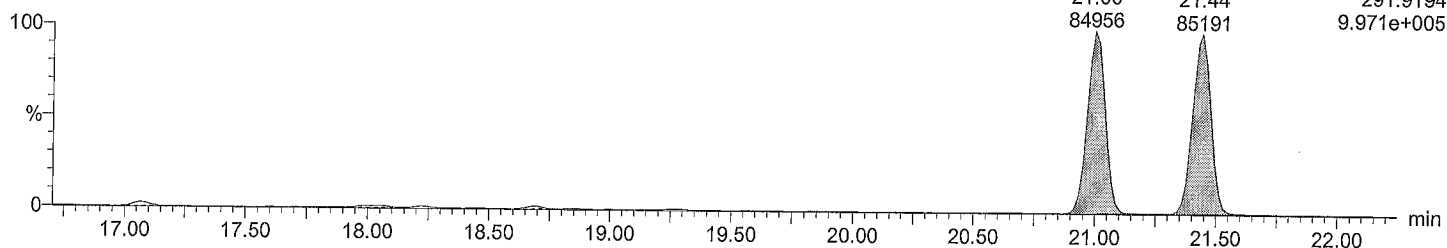
Total TeCB F4

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



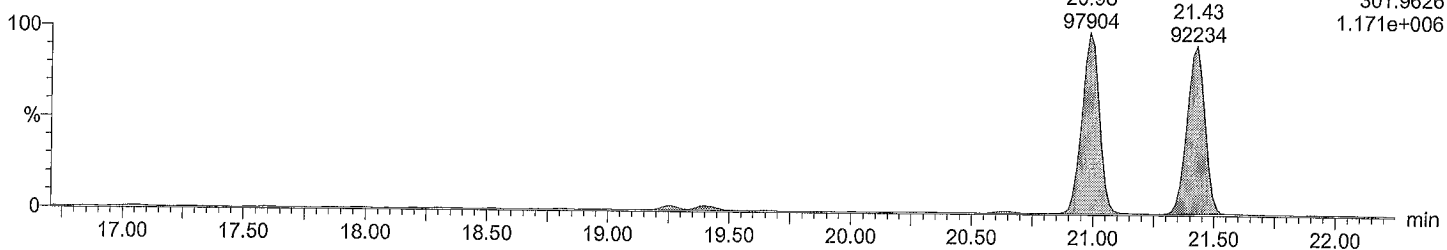
Total TeCB F4

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



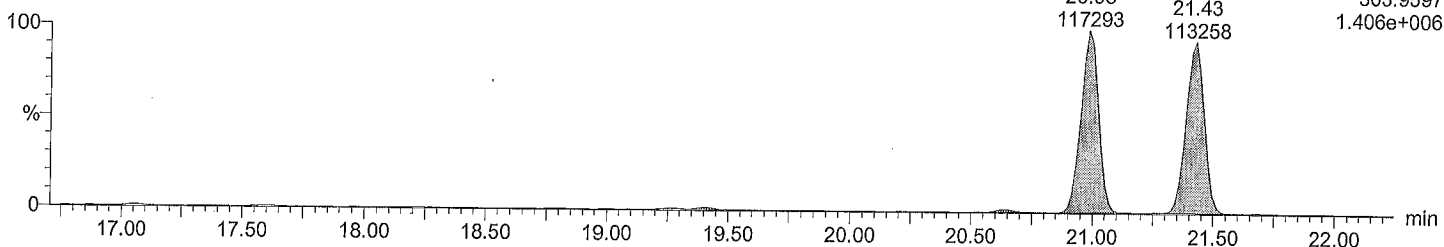
Total TeCB labeled F4

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



Total TeCB labeled F4

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



Dataset: C:\Documents and Settings\ahussain\Desktop\M2161205A_M2161205B_sampTI_1668A.qld

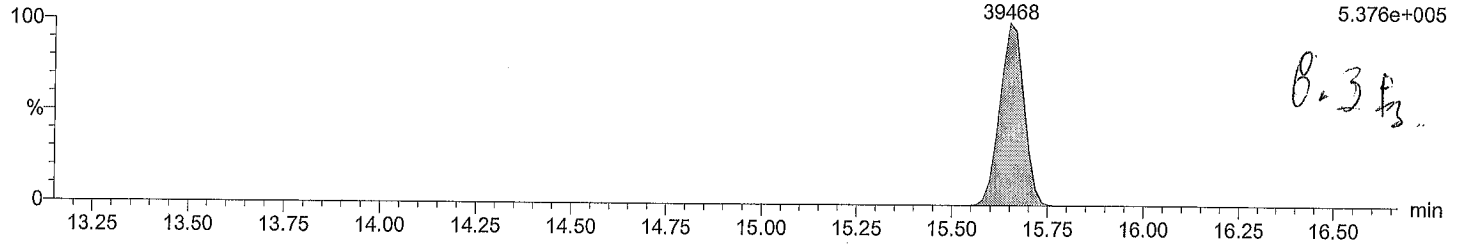
Last Altered: December 6, 2016 12:50:42 PM Eastern Standard Time
Printed: December 6, 2016 12:51:28 PM Eastern Standard Time

Description: SPIKE

Vial: 3
Date: 05-Dec-2016
Time: 21:19:41
Instrument:

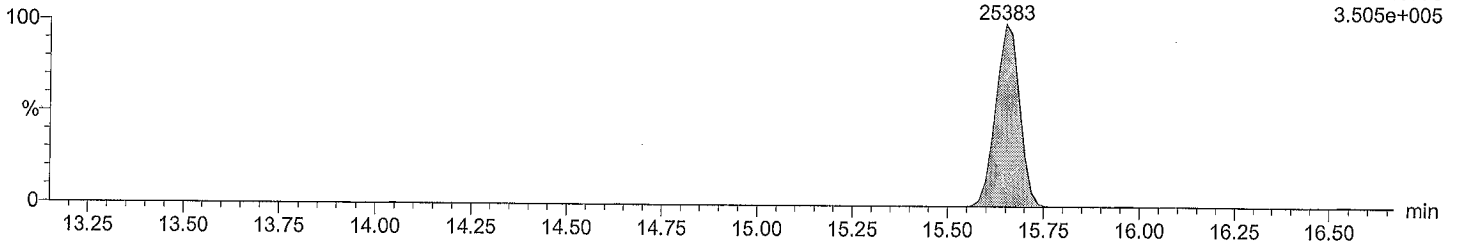
Total PeCB F3

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



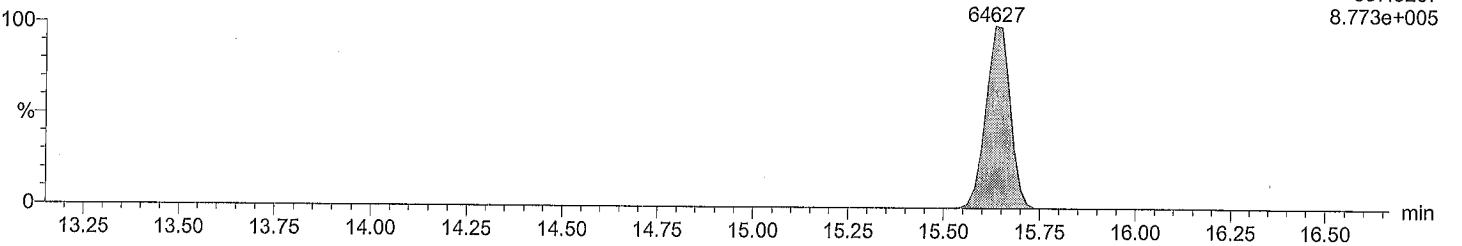
Total PeCB F3

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



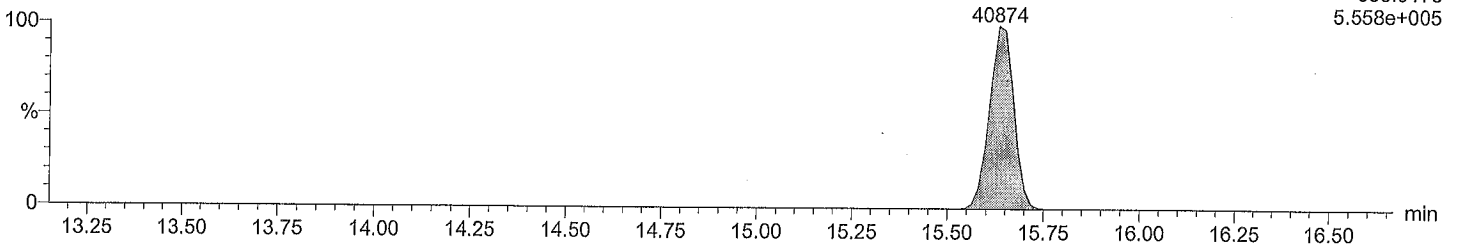
Total PeCB labeled F3

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



Total PeCB labeled F3

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



Dataset: C:\Documents and Settings\ahussain\Desktop\M2161205A_M2161205B_sampTI_1668A.qld

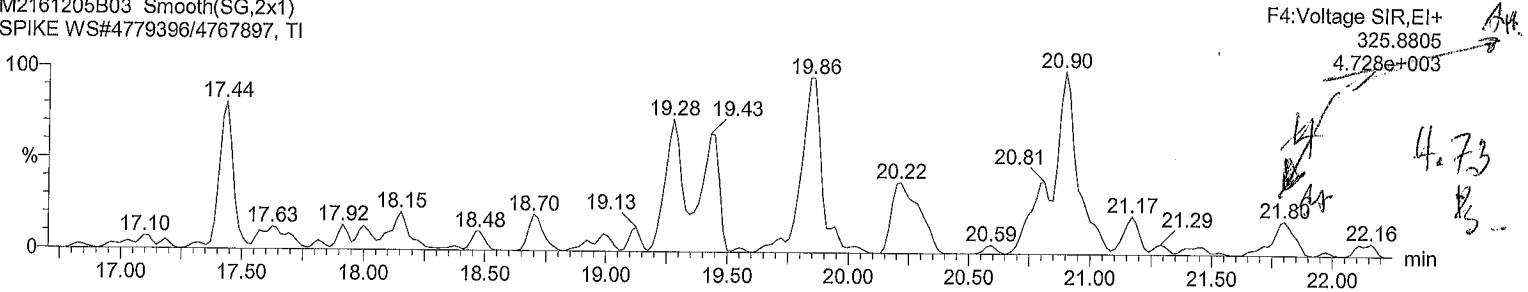
Last Altered: December 6, 2016 12:50:42 PM Eastern Standard Time
Printed: December 6, 2016 12:51:28 PM Eastern Standard Time

Description: SPIKE

Vial: 3
Date: 05-Dec-2016
Time: 21:19:41
Instrument:

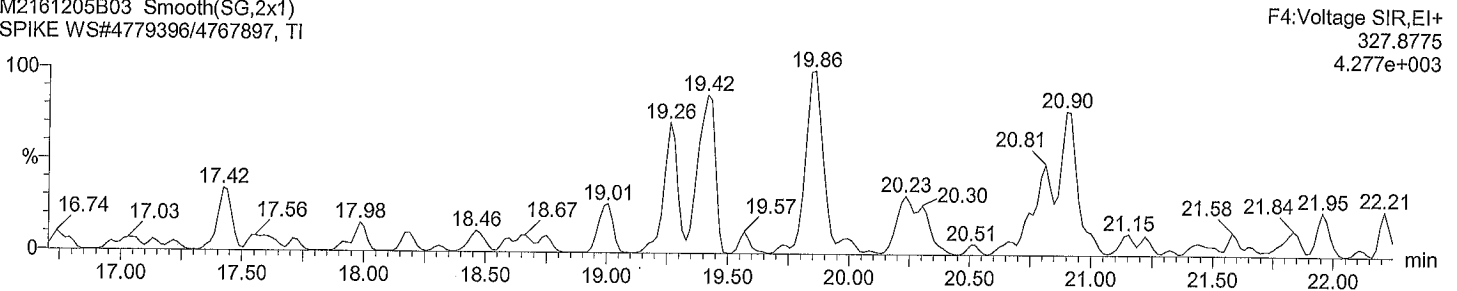
Total PeCB F4

M2161205B03 Smooth(SG,2x1)
SPIKE WS#4779396/4767897, TI



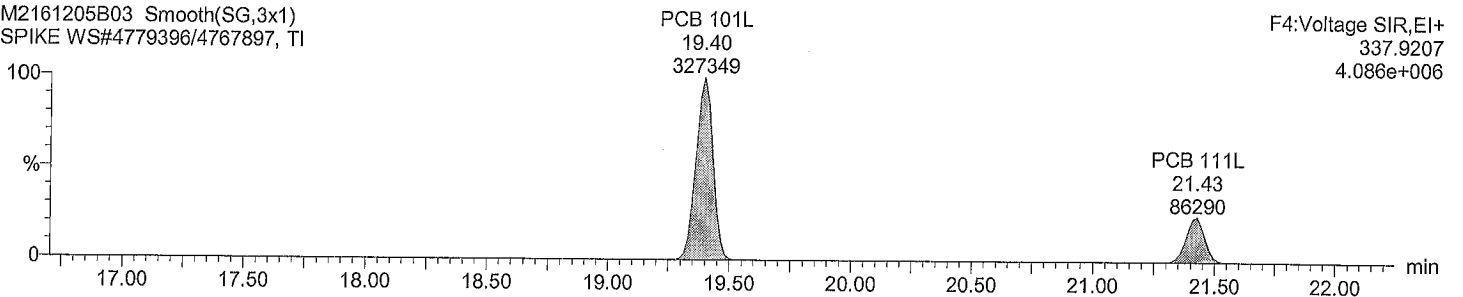
Total PeCB F4

M2161205B03 Smooth(SG,2x1)
SPIKE WS#4779396/4767897, TI



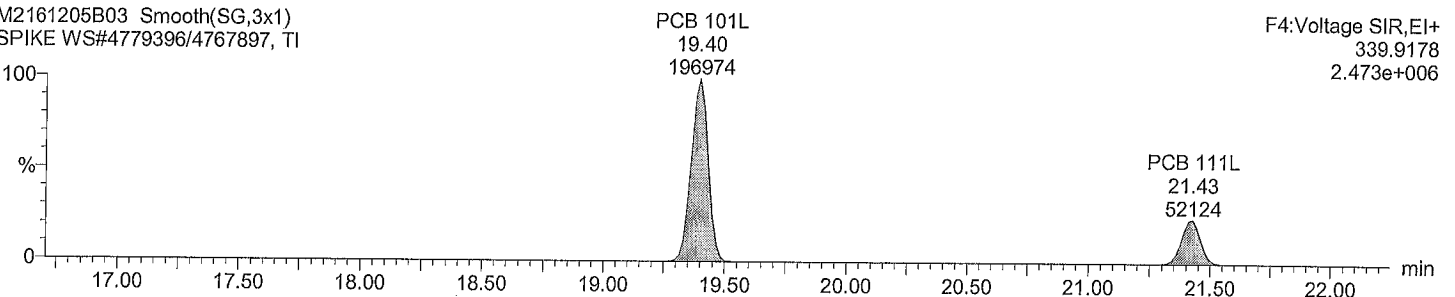
Total PeCB labeled F4

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



Total PeCB labeled F4

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



Dataset: C:\Documents and Settings\ahussain\Desktop\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: December 6, 2016 12:50:42 PM Eastern Standard Time
Printed: December 6, 2016 12:51:28 PM Eastern Standard Time

Description: SPIKE

Vial: 3

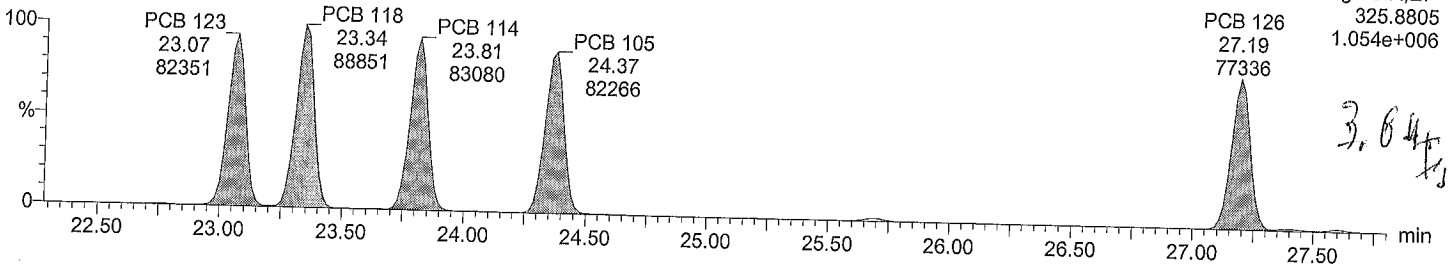
Date: 05-Dec-2016

Time: 21:19:41

Instrument:

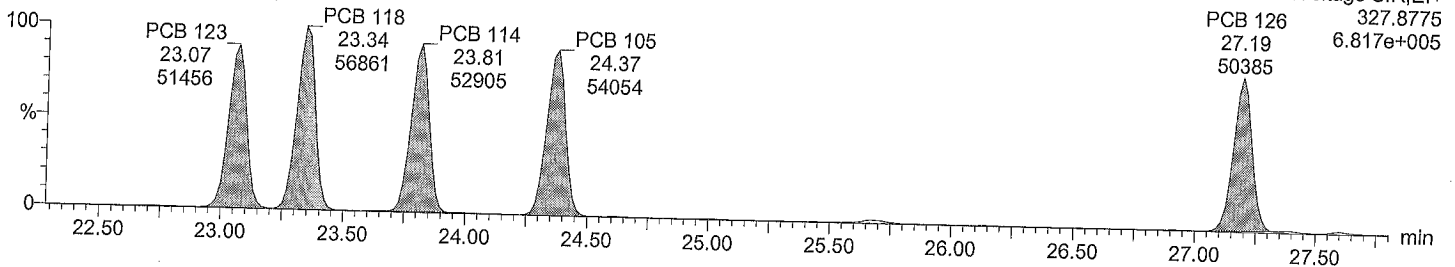
Total PeCB F5

M2161205B03 Smooth(SG,2x1)
SPIKE WS#4779396/4767897, TI



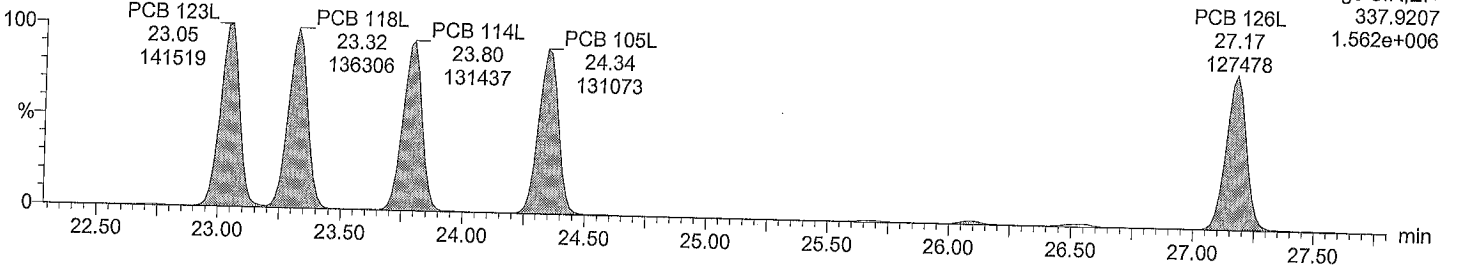
Total PeCB F5

M2161205B03 Smooth(SG,2x1)
SPIKE WS#4779396/4767897, TI



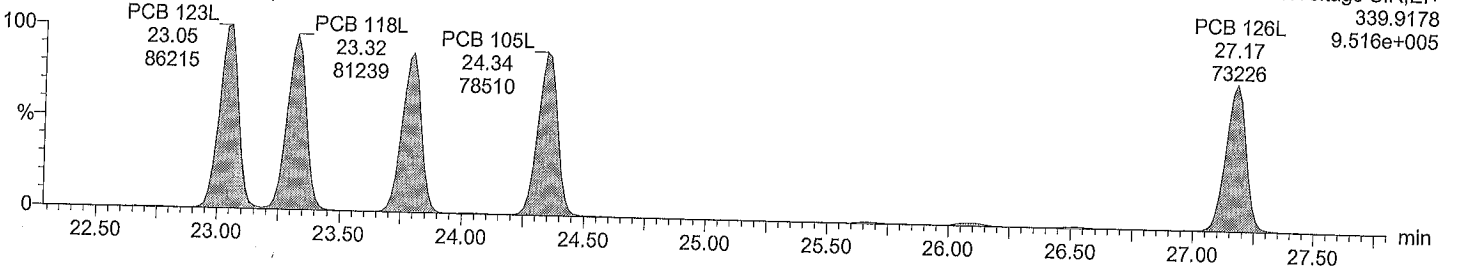
Total PeCB labeled F5

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



Total PeCB labeled F5

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



Dataset: C:\Documents and Settings\ahussain\Desktop\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: December 6, 2016 12:50:42 PM Eastern Standard Time
Printed: December 6, 2016 12:51:28 PM Eastern Standard Time

Description: SPIKE

Vial: 3

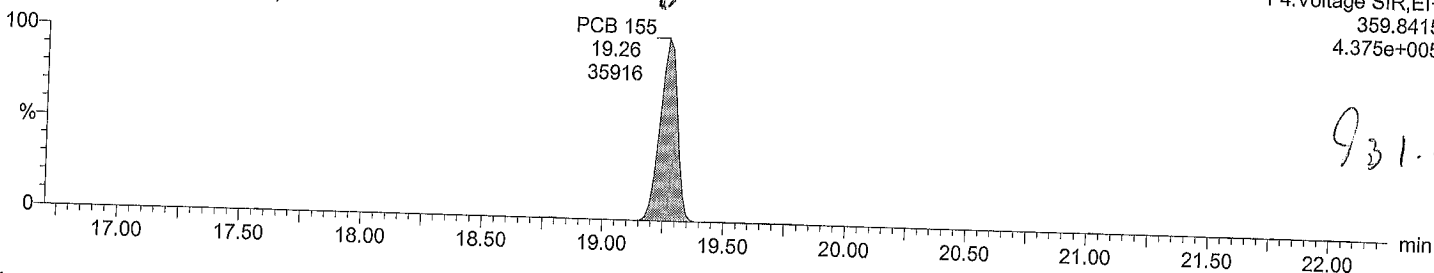
Date: 05-Dec-2016

Time: 21:19:41

Instrument:

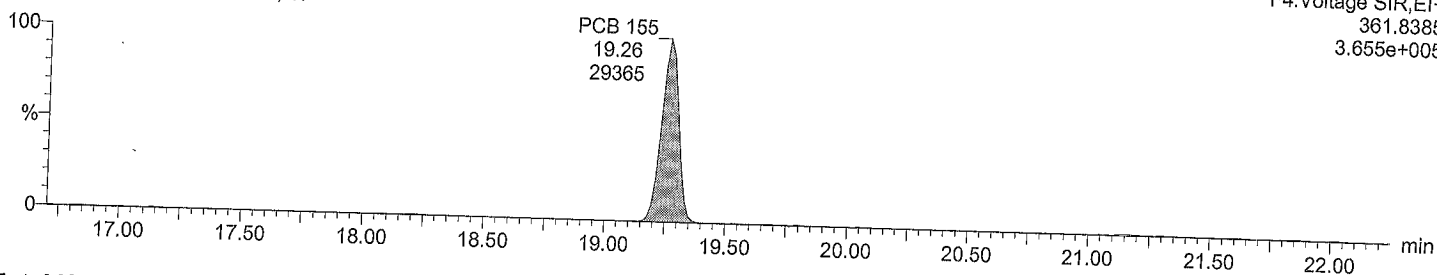
Total HxCB F4

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



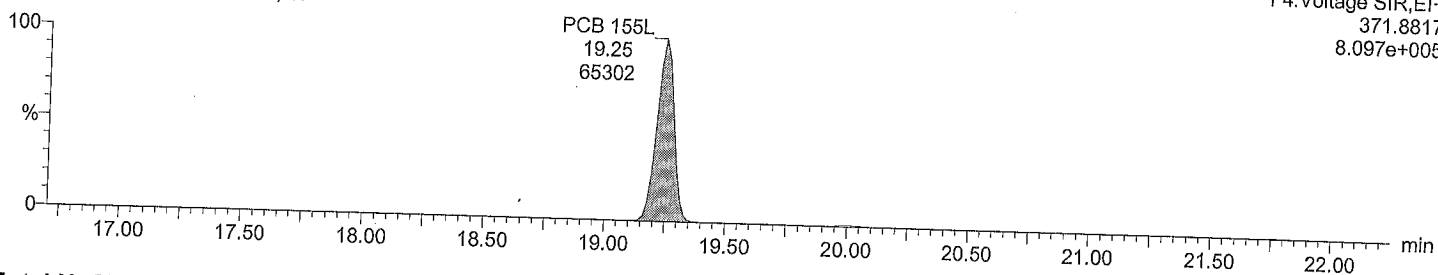
Total HxCB F4

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



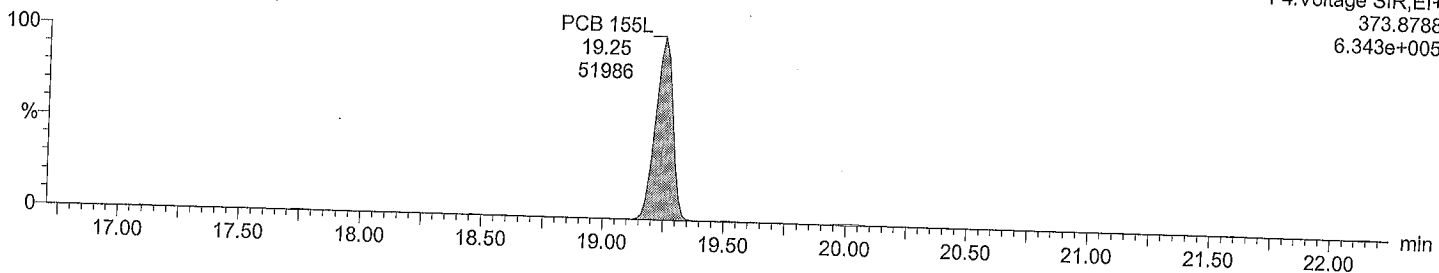
Total HxCB labeled F4

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



Total HxCB labeled F4

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



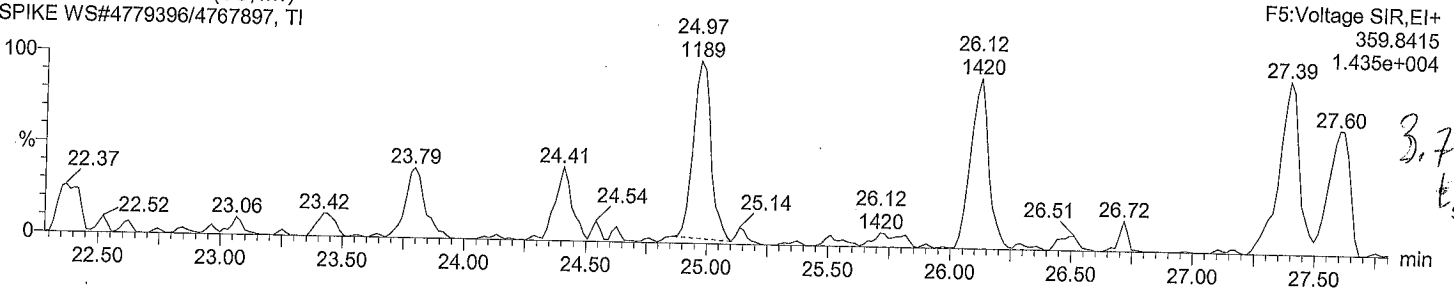
Dataset: C:\Documents and Settings\ahussain\Desktop\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: December 6, 2016 12:50:42 PM Eastern Standard Time
Printed: December 6, 2016 12:51:28 PM Eastern Standard Time

Description: SPIKE
Vial: 3
Date: 05-Dec-2016
Time: 21:19:41
Instrument:

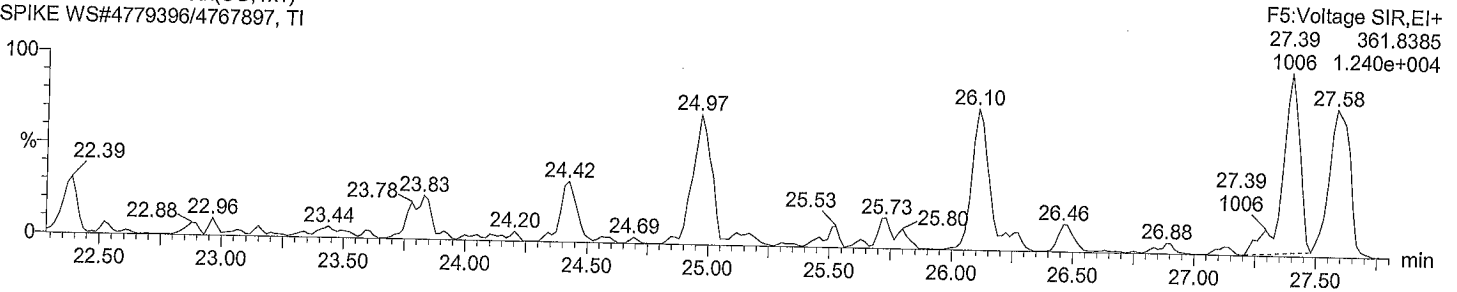
Total HxCB F5

M2161205B03 Smooth(SG,1x1)
SPIKE WS#4779396/4767897, TI



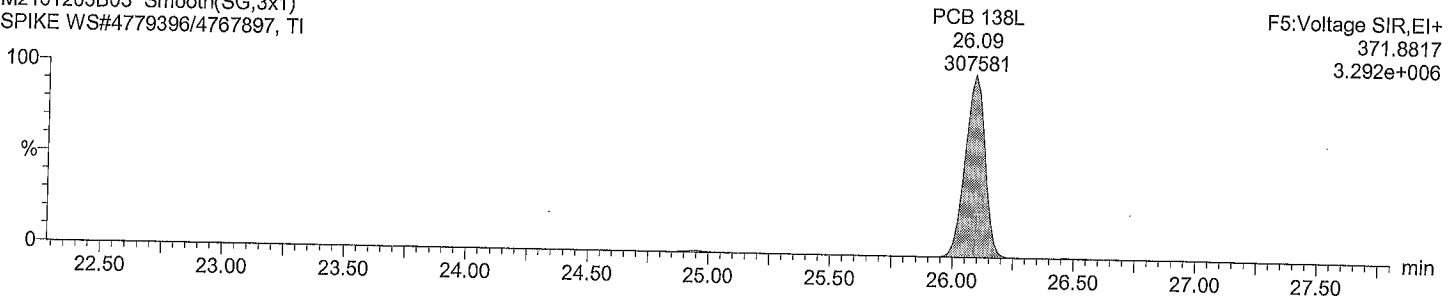
Total HxCB F5

M2161205B03 Smooth(SG,1x1)
SPIKE WS#4779396/4767897, TI



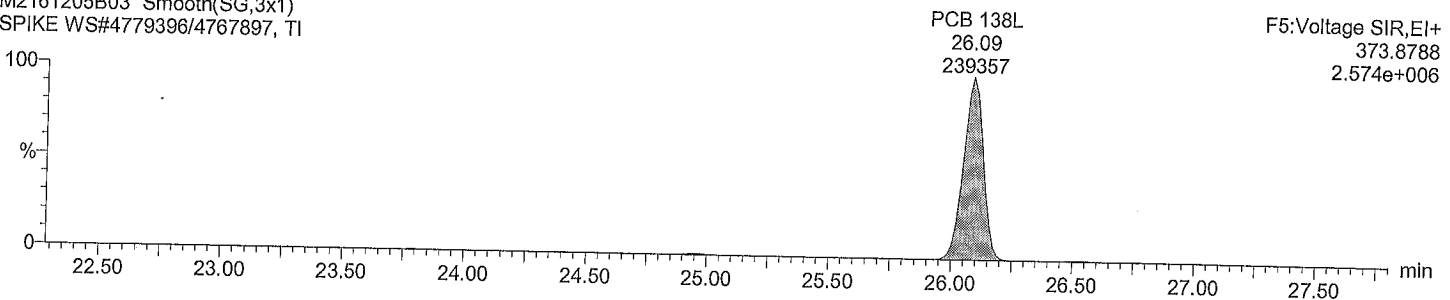
Total HxCB labeled F5

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



Total HxCB labeled F5

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



Dataset: C:\Documents and Settings\lahussain\Desktop\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: December 6, 2016 12:50:42 PM Eastern Standard Time
Printed: December 6, 2016 12:51:28 PM Eastern Standard Time

Description: SPIKE

Vial: 3

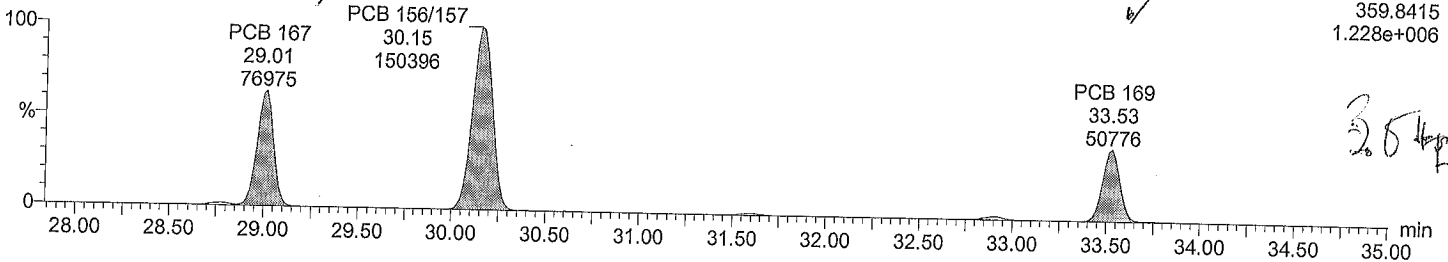
Date: 05-Dec-2016

Time: 21:19:41

Instrument:

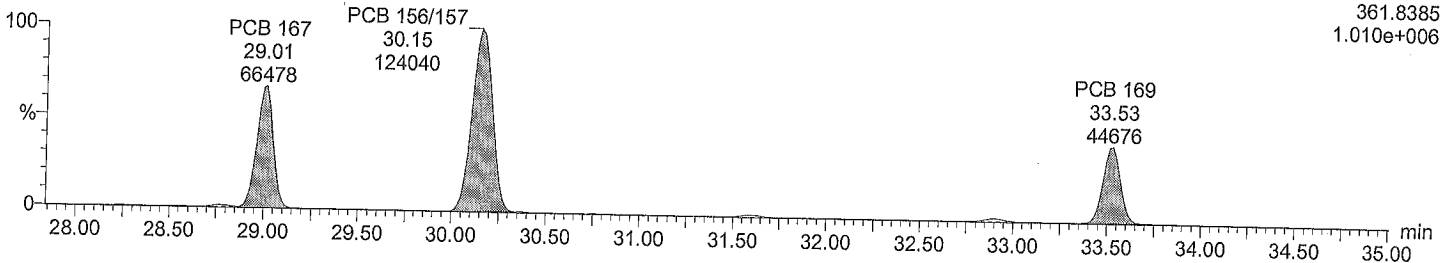
Total HxCB F6

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



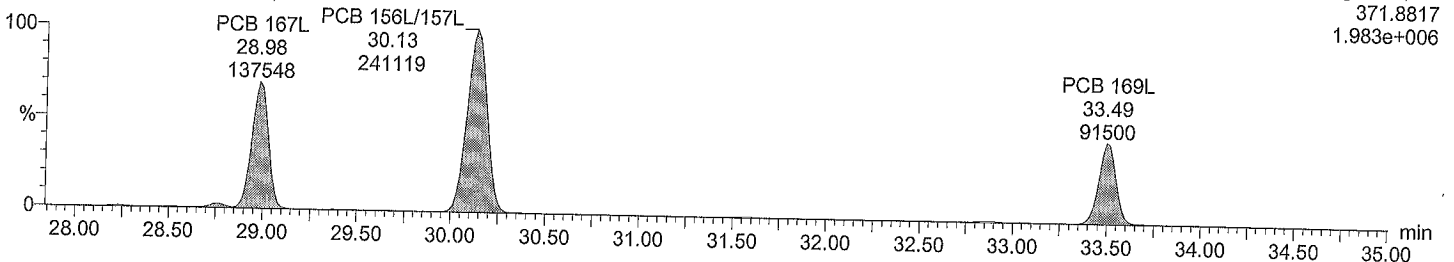
Total HxCB F6

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



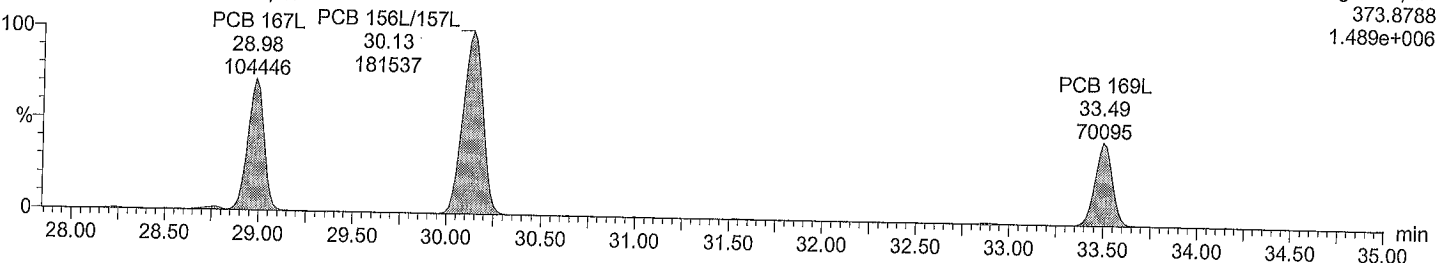
Total HxCB labeled F6

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



Total HxCB labeled F6

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



Dataset: C:\Documents and Settings\ahussain\Desktop\M2161205A_M2161205B_sampTI_1668A.qld

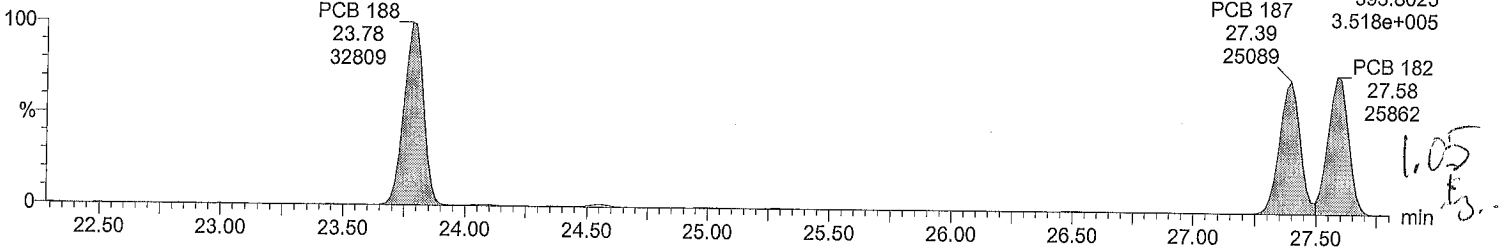
Last Altered: December 6, 2016 12:50:42 PM Eastern Standard Time
Printed: December 6, 2016 12:51:28 PM Eastern Standard Time

Description: SPIKE

Vial: 3
Date: 05-Dec-2016
Time: 21:19:41
Instrument:

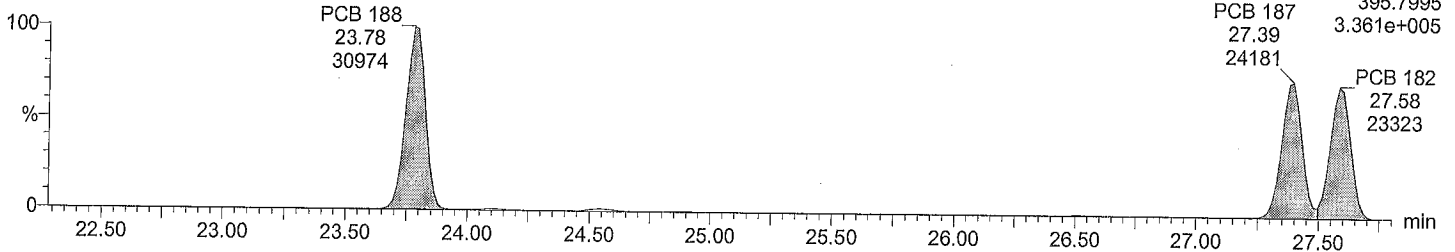
Total HpCB F5

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



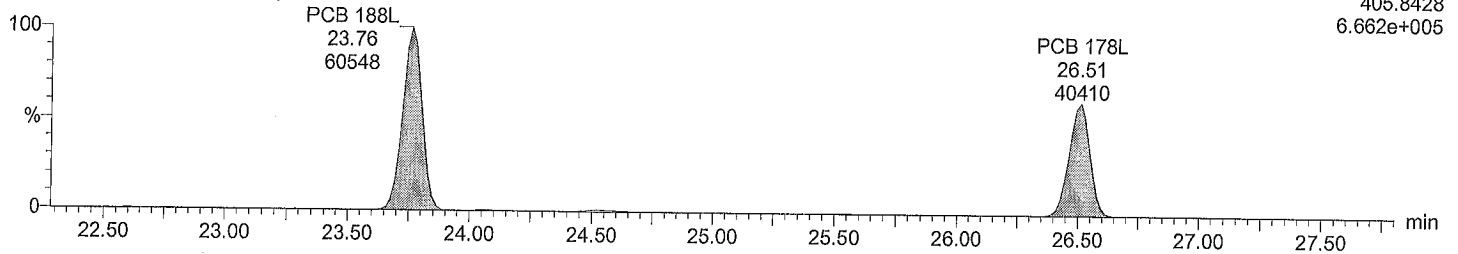
Total HpCB F5

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



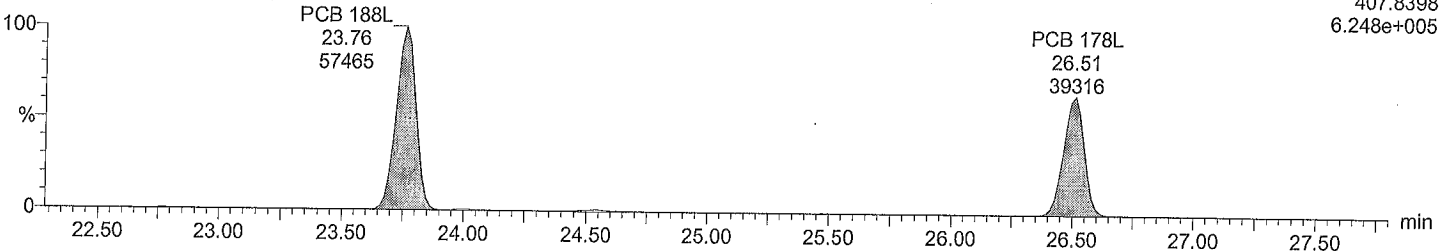
Total HpCB labeled F5

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



Total HpCB labeled F5

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



Dataset: C:\Documents and Settings\ahussain\Desktop\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: December 6, 2016 12:50:42 PM Eastern Standard Time
Printed: December 6, 2016 12:51:28 PM Eastern Standard Time

Description: SPIKE

Vial: 3

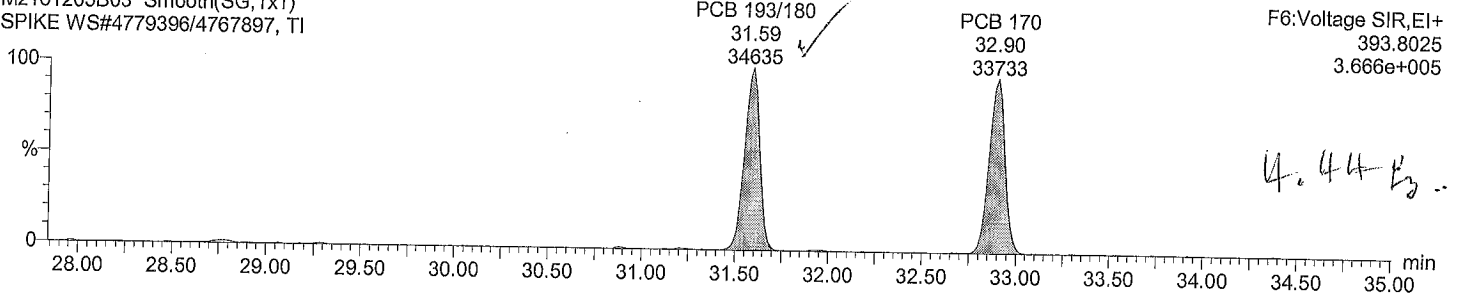
Date: 05-Dec-2016

Time: 21:19:41

Instrument:

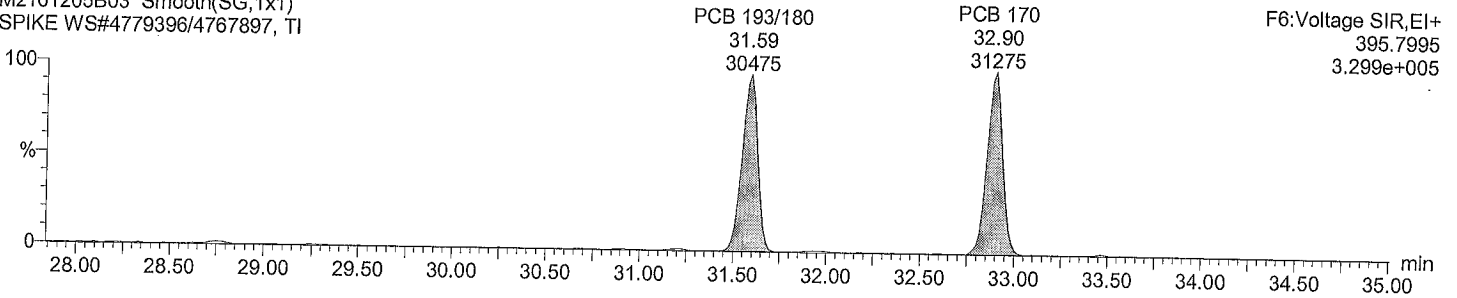
Total HpCB F6

M2161205B03 Smooth(SG,1x1)
SPIKE WS#4779396/4767897, T1



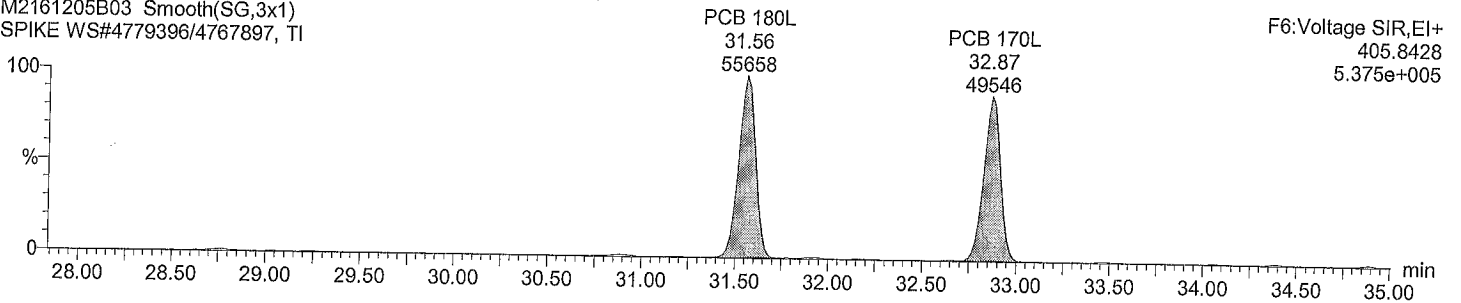
Total HpCB F6

M2161205B03 Smooth(SG,1x1)
SPIKE WS#4779396/4767897, T1



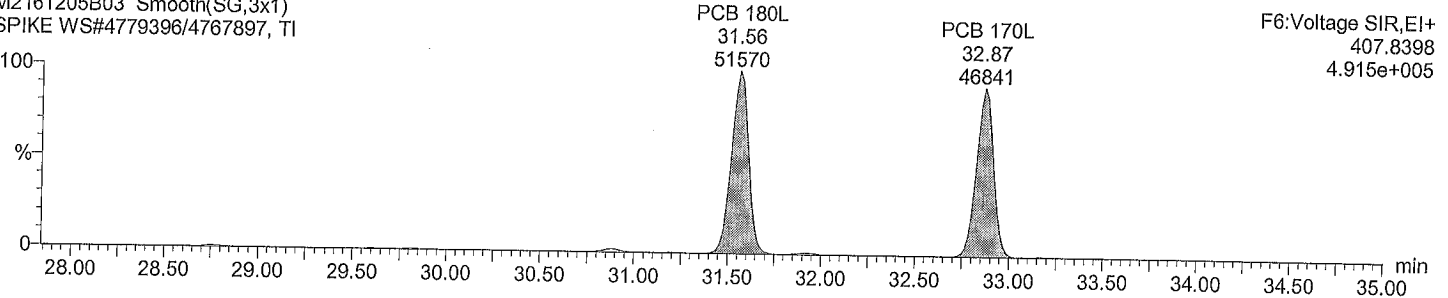
Total HpCB labeled F6

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, T1



Total HpCB labeled F6

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, T1



Dataset: C:\Documents and Settings\ahussain\Desktop\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: December 6, 2016 12:50:42 PM Eastern Standard Time
Printed: December 6, 2016 12:51:28 PM Eastern Standard Time

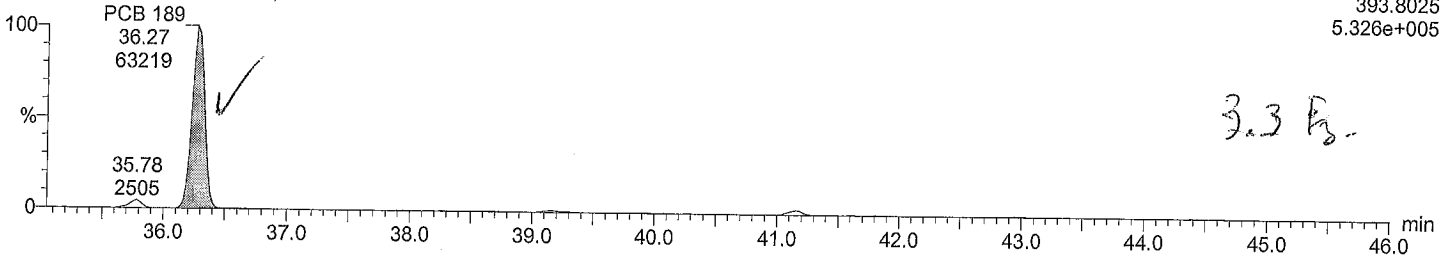
Description: SPIKE

Vial: 3
Date: 05-Dec-2016
Time: 21:19:41
Instrument:

Total HpCB F7

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI

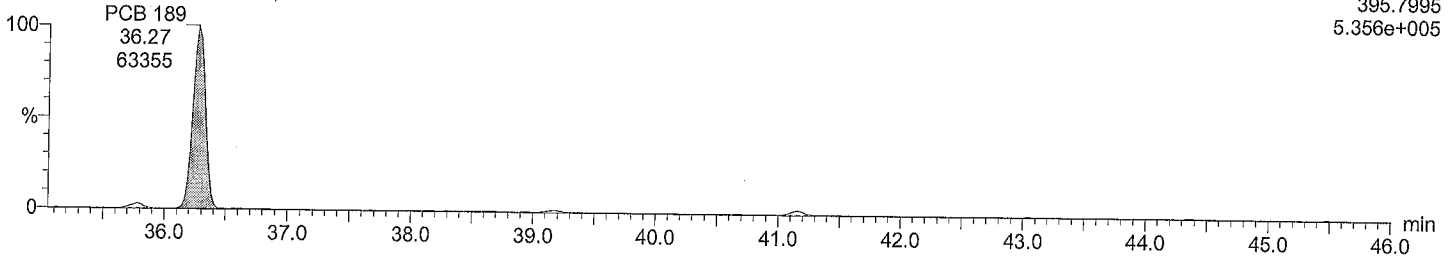
F7:Voltage SIR,EI+
393.8025
5.326e+005



Total HpCB F7

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI

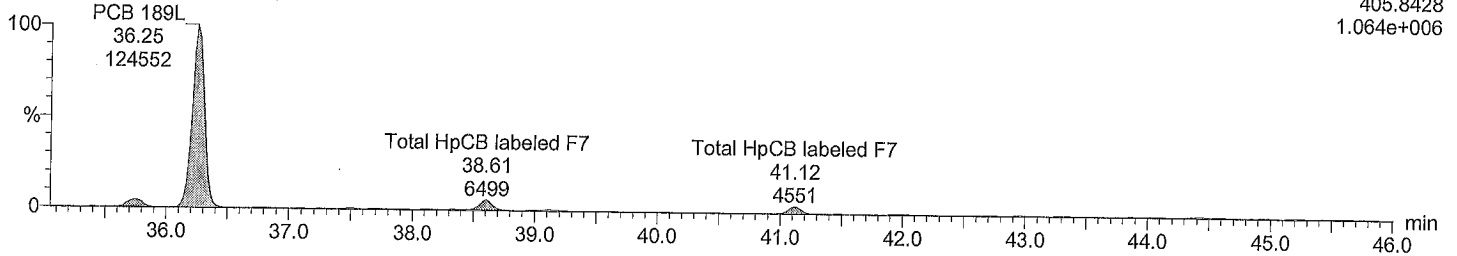
F7:Voltage SIR,EI+
395.7995
5.356e+005



Total HpCB labeled F7

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI

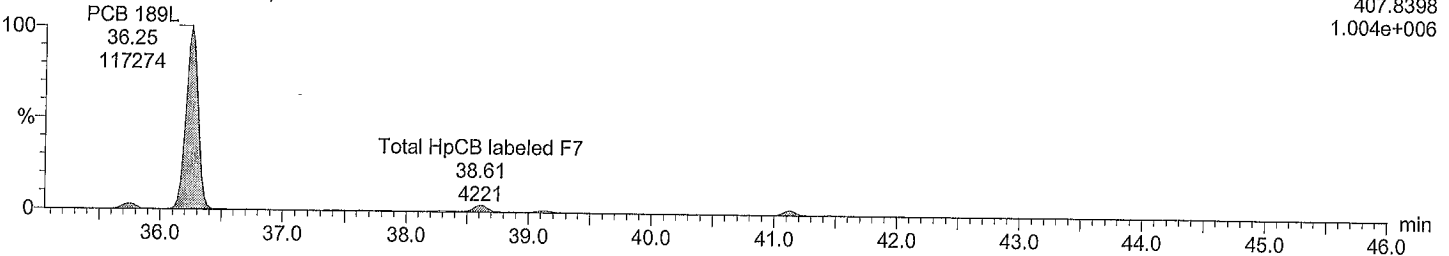
F7:Voltage SIR,EI+
405.8428
1.064e+006



Total HpCB labeled F7

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI

F7:Voltage SIR,EI+
407.8398
1.004e+006



Dataset: C:\Documents and Settings\ahussain\Desktop\M2161205A_\M2161205B_sampTI_1668A.qld
Last Altered: December 6, 2016 12:50:42 PM Eastern Standard Time
Printed: December 6, 2016 12:51:28 PM Eastern Standard Time

Description: SPIKE

Vial: 3

Date: 05-Dec-2016

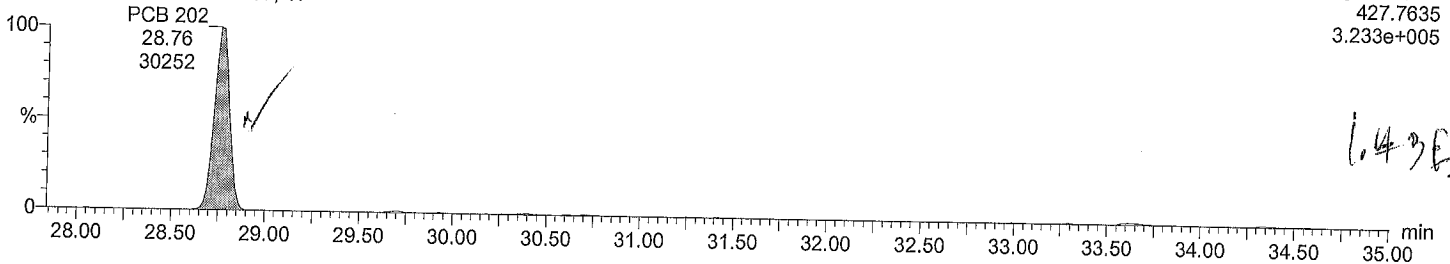
Time: 21:19:41

Instrument:

Total OcCB F6

M2161205B03 Smooth(SG,1x1)
SPIKE WS#4779396/4767897, TI

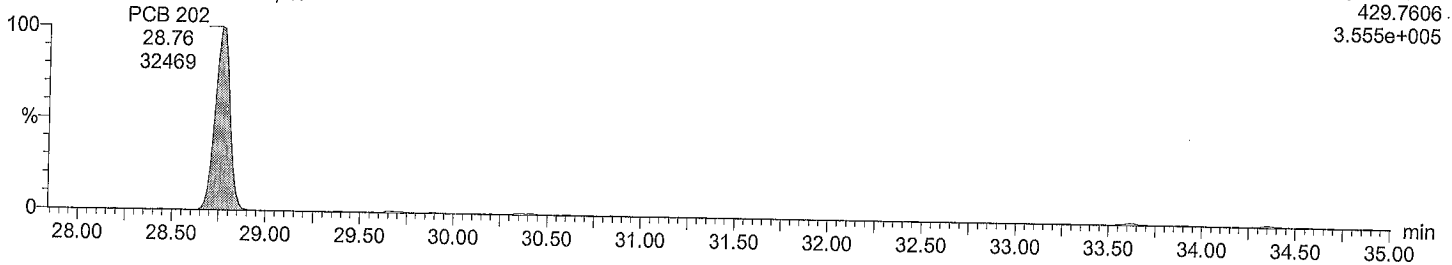
F6:Voltage SIR,EI+
427.7635
3.233e+005



Total OcCB F6

M2161205B03 Smooth(SG,1x1)
SPIKE WS#4779396/4767897, TI

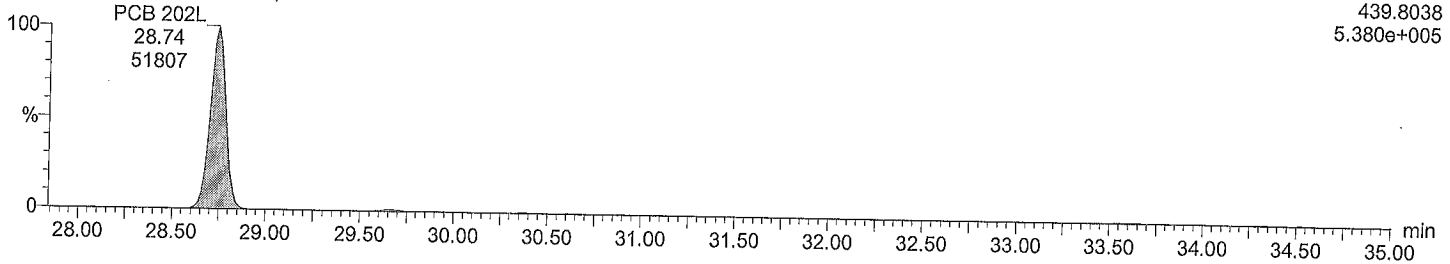
F6:Voltage SIR,EI+
429.7606
3.555e+005



Total OcCB labeled F6

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI

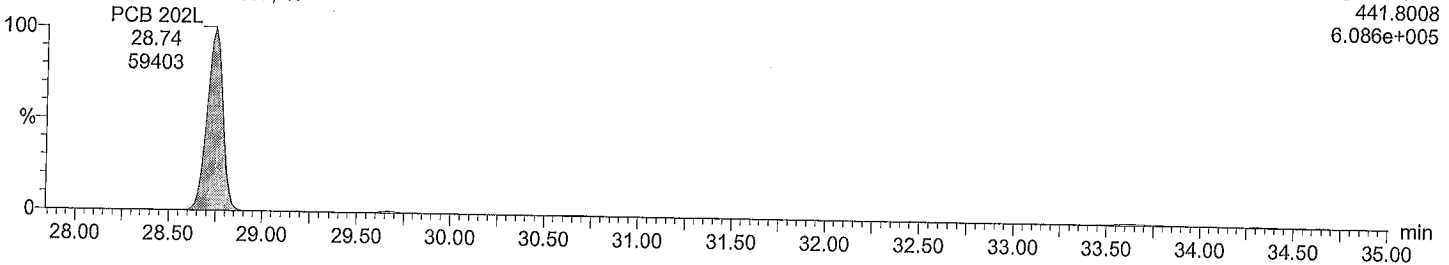
F6:Voltage SIR,EI+
439.8038
5.380e+005



Total OcCB labeled F6

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI

F6:Voltage SIR,EI+
441.8008
6.086e+005



Dataset: C:\Documents and Settings\ahussain\Desktop\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: December 6, 2016 12:50:42 PM Eastern Standard Time
Printed: December 6, 2016 12:51:28 PM Eastern Standard Time

Description: SPIKE

Vial: 3

Date: 05-Dec-2016

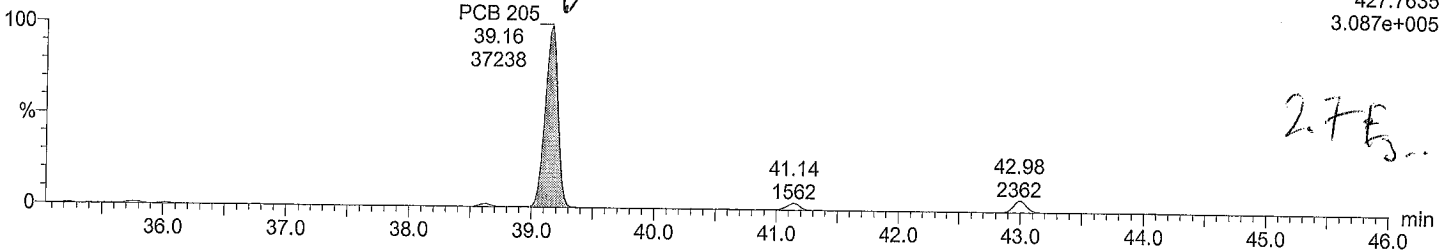
Time: 21:19:41

Instrument:

Total OcCB F7

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI

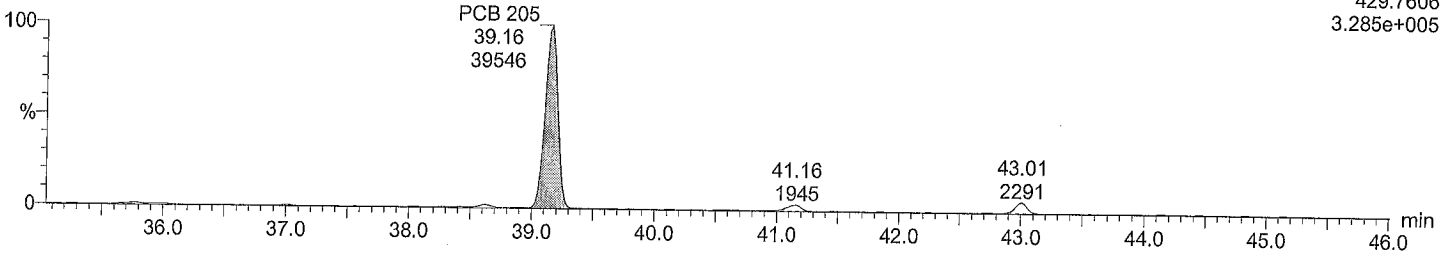
F7:Voltage SIR,EI+
427.7635
3.087e+005



Total OcCB F7

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI

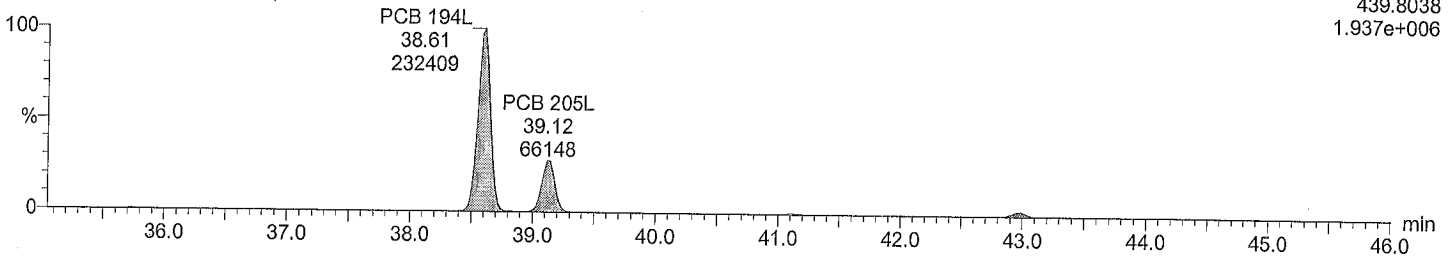
F7:Voltage SIR,EI+
429.7606
3.285e+005



Total OcCB labeled F7

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI

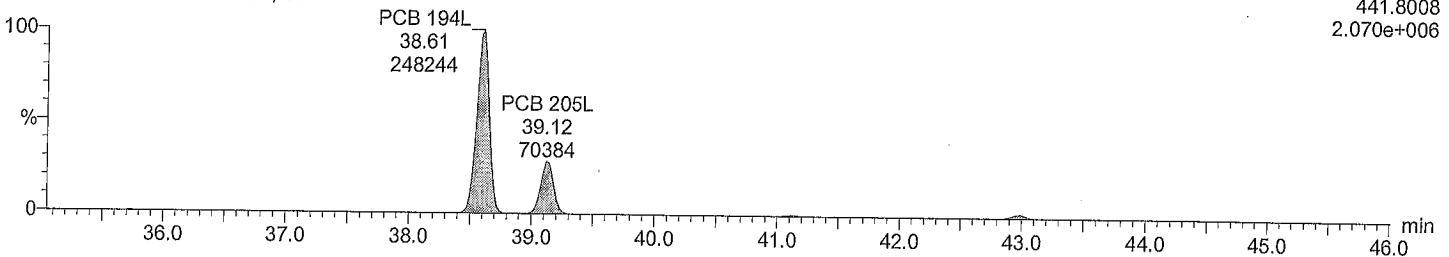
F7:Voltage SIR,EI+
439.8038
1.937e+006



Total OcCB labeled F7

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI

F7:Voltage SIR,EI+
441.8008
2.070e+006



Dataset: C:\Documents and Settings\ahussain\Desktop\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: December 6, 2016 12:50:42 PM Eastern Standard Time
Printed: December 6, 2016 12:51:28 PM Eastern Standard Time

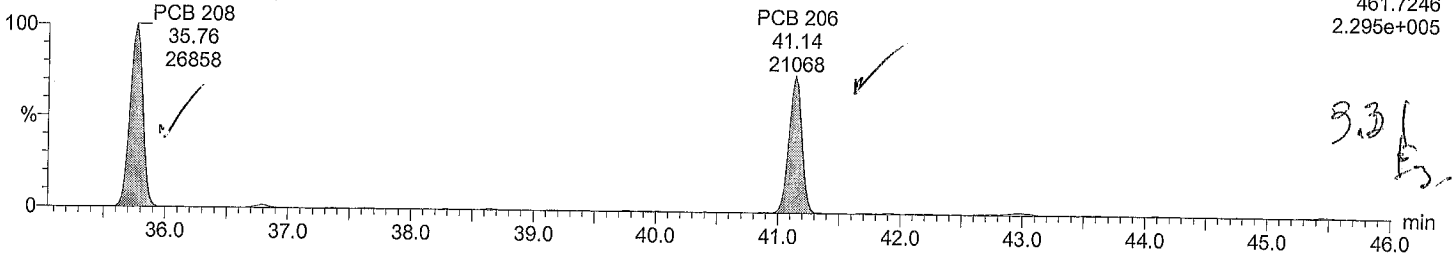
Description: SPIKE

Vial: 3
Date: 05-Dec-2016
Time: 21:19:41
Instrument:

Total NoCB F7

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI

F7:Voltage SIR,EI+
461.7246
2.295e+005

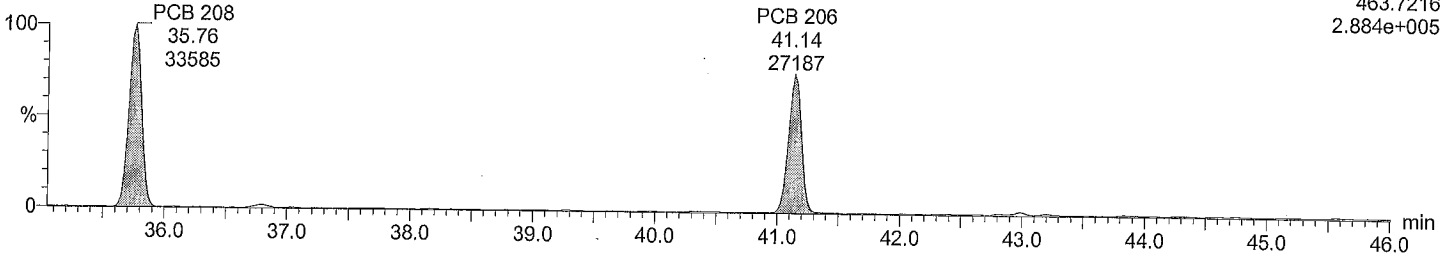


3.31 E

Total NoCB F7

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI

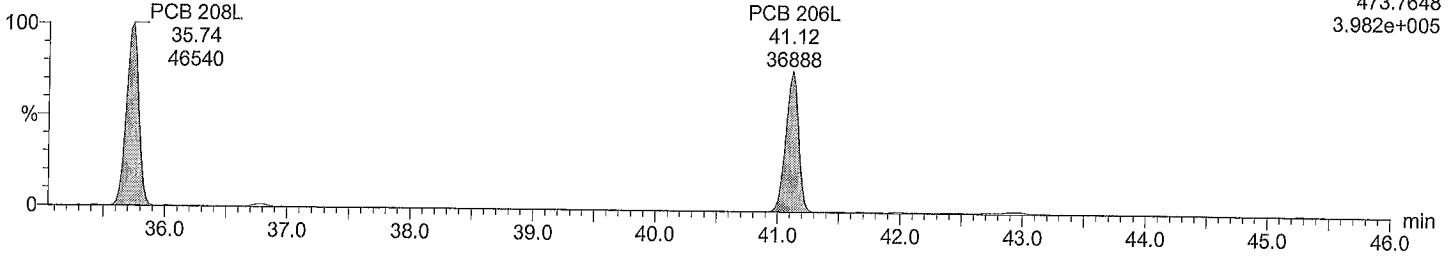
F7:Voltage SIR,EI+
463.7216
2.884e+005



Total NoCB labeled F7

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI

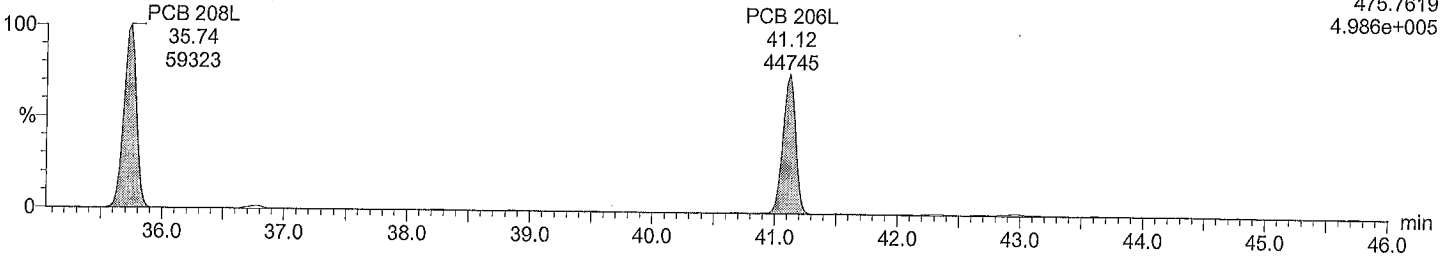
F7:Voltage SIR,EI+
473.7648
3.982e+005



Total NoCB labeled F7

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI

F7:Voltage SIR,EI+
475.7619
4.986e+005



Dataset: C:\Documents and Settings\ahussain\Desktop\M2161205A_M2161205B_sampTI_1668A.qld

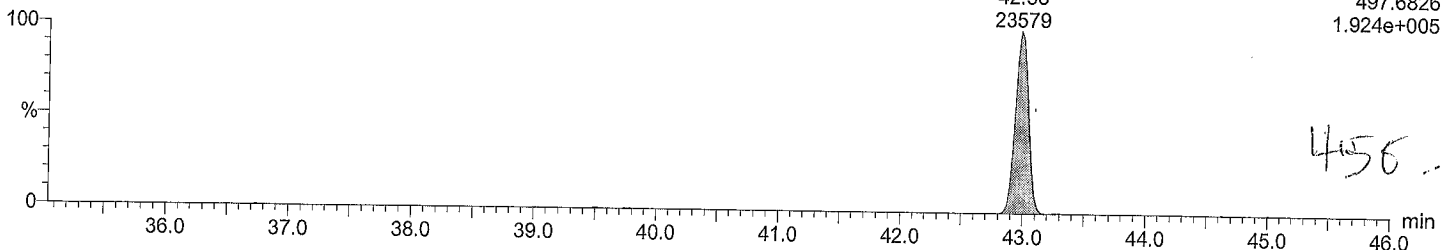
Last Altered: December 6, 2016 12:50:42 PM Eastern Standard Time
Printed: December 6, 2016 12:51:28 PM Eastern Standard Time

Description: SPIKE

Vial: 3
Date: 05-Dec-2016
Time: 21:19:41
Instrument:

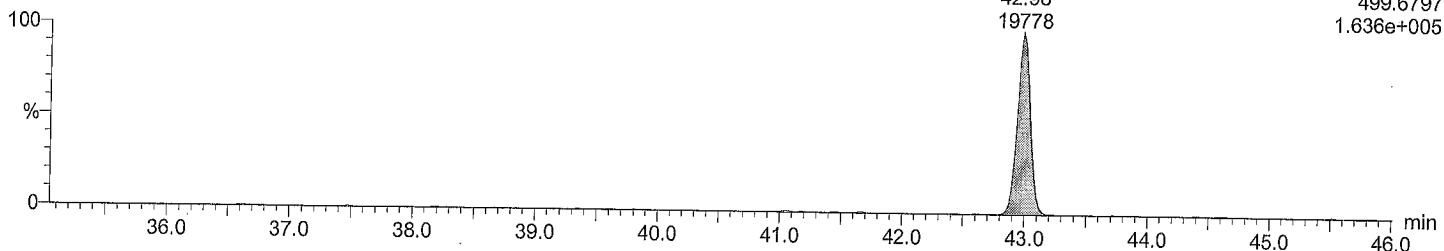
Total DeCB F7

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



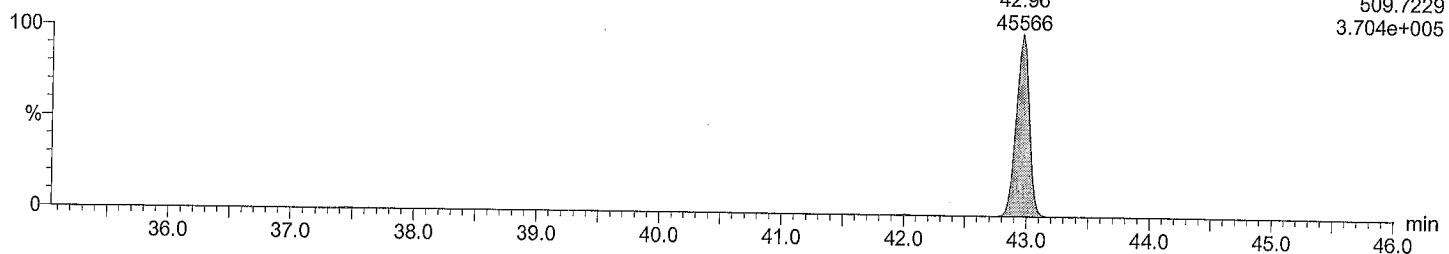
Total DeCB F7

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



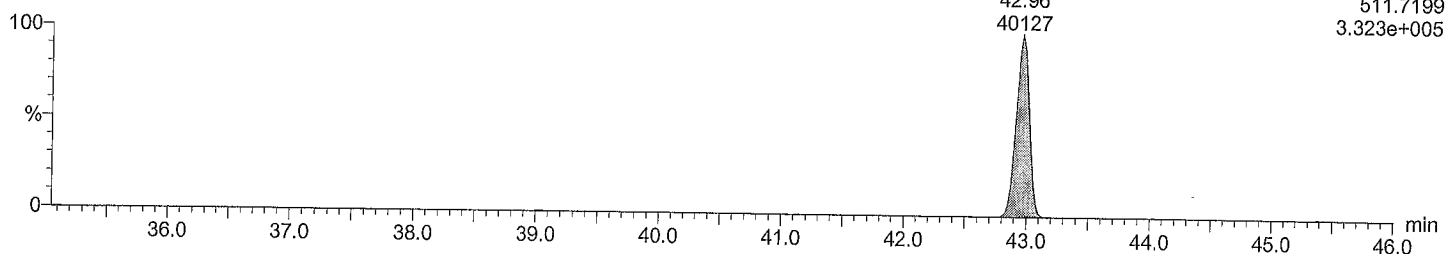
Total DeCB labeled F7

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



Total DeCB labeled F7

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



Dataset: C:\Documents and Settings\ahussain\Desktop\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: December 6, 2016 12:50:42 PM Eastern Standard Time
Printed: December 6, 2016 12:51:28 PM Eastern Standard Time

Description: SPIKE

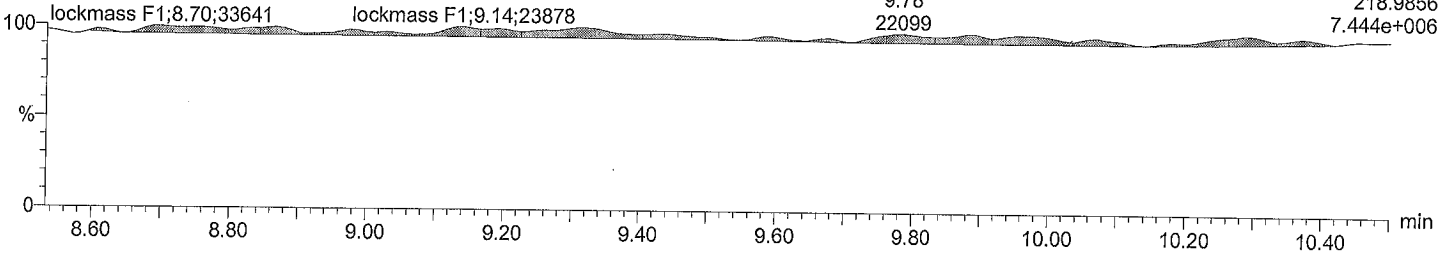
Vial: 3
Date: 05-Dec-2016
Time: 21:19:41
Instrument:

lockmass F1

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI

lockmass F1
9.78
22099

F1:Voltage SIR,EI+
218.9856
7.444e+006



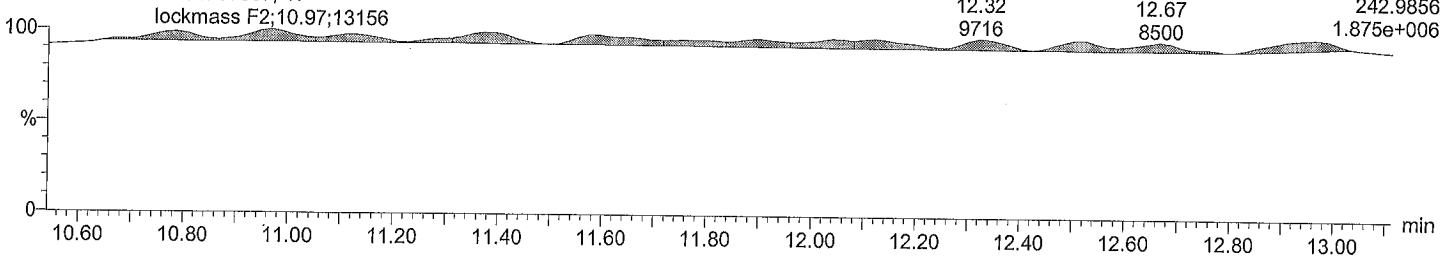
lockmass F2

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI

lockmass F2
12.32
9716

lockmass F2
12.67
8500

F2:Voltage SIR,EI+
242.9856
1.875e+006



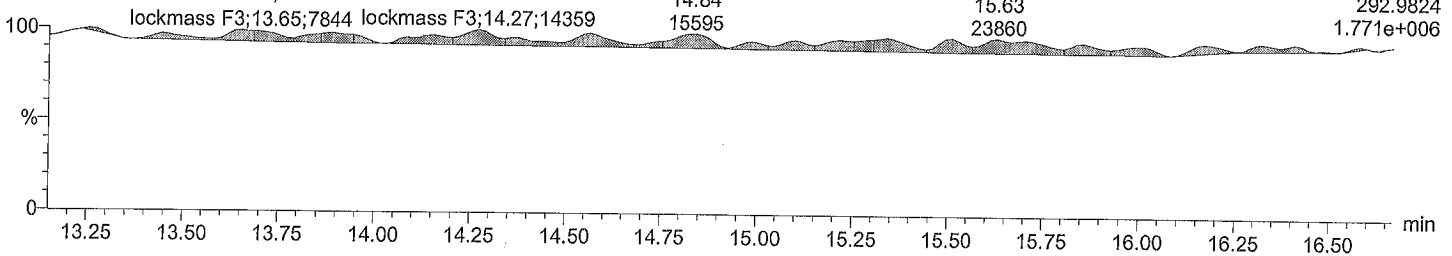
lockmass F3

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI

lockmass F3
14.84
15595

lockmass F3
15.63
23860

F3:Voltage SIR,EI+
292.9824
1.771e+006



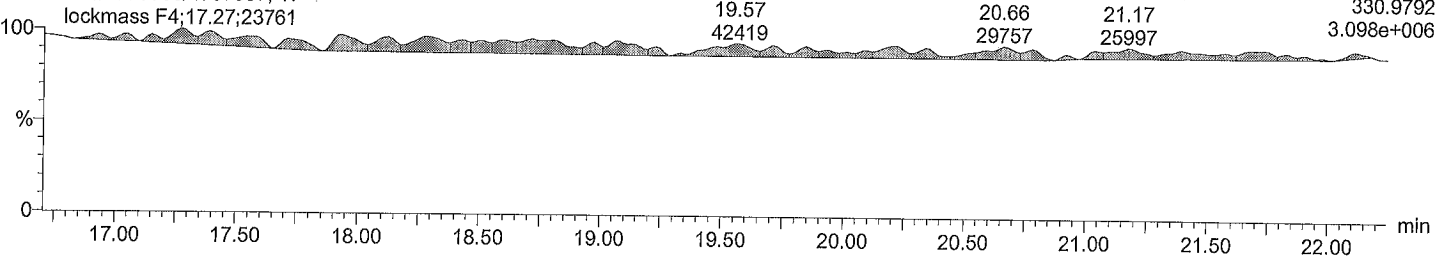
lockmass F4

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI

lockmass F4
19.57
42419

lockmass F4 lockmass F4
20.66 21.17
29757 25997

F4:Voltage SIR,EI+
330.9792
3.098e+006



Dataset: C:\Documents and Settings\ahussain\Desktop\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: December 6, 2016 12:50:42 PM Eastern Standard Time
Printed: December 6, 2016 12:51:28 PM Eastern Standard Time

Description: SPIKE

Vial: 3

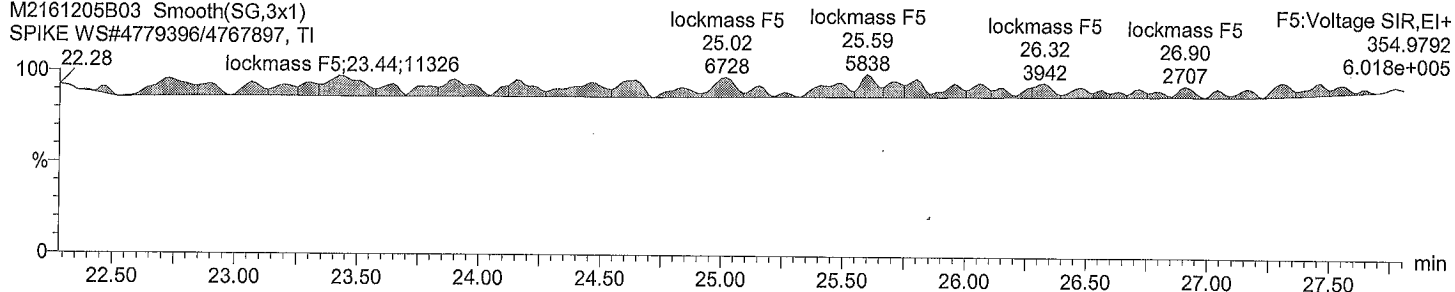
Date: 05-Dec-2016

Time: 21:19:41

Instrument:

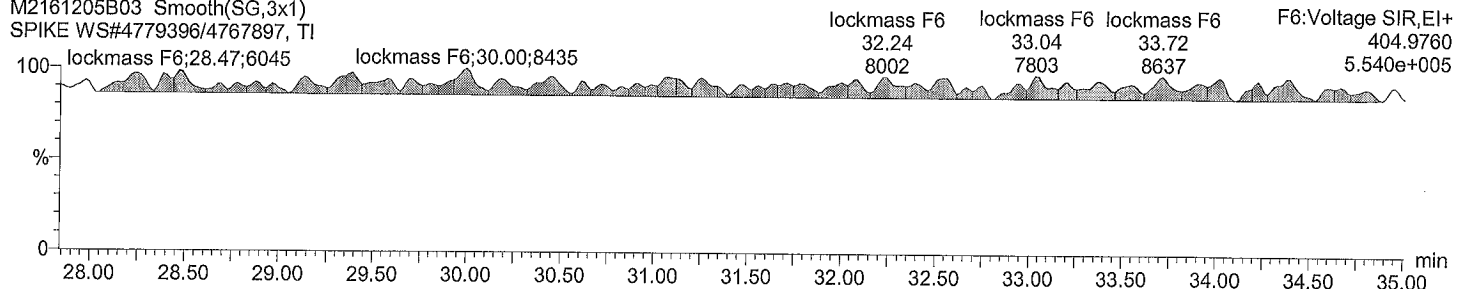
lockmass F5

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



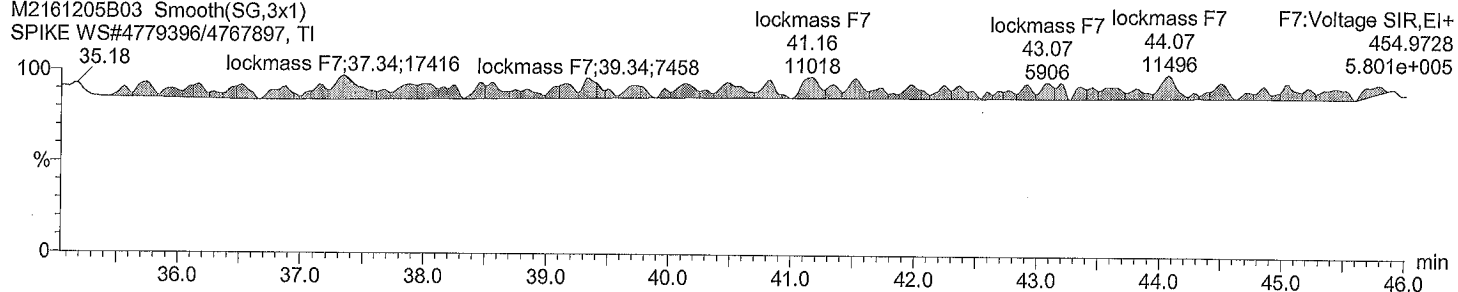
lockmass F6

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



lockmass F7

M2161205B03 Smooth(SG,3x1)
SPIKE WS#4779396/4767897, TI



LABORATORY SPIKED BLANK DUPLICATE

| | | | | |
|------------------------------|------------------------------|---------------------------|------------------|--------------------------|
| Lab Name | <u>Maxxam Analytics Inc.</u> | | Lab Sample ID: | <u>B6N4556-4779396SD</u> |
| Method | <u>EPA 1668A m</u> | | Project Number: | <u>PORT GAMBLE</u> |
| Matrix: | <u>tissue</u> | | Project Name: | <u></u> |
| Sample wt/vol: | <u>10.00</u> | (g) <u>g (dry weight)</u> | Lab File ID: | <u>M2161205B04</u> |
| Level (low/med): | <u>low</u> | | Date Received: | <u>Not applicable</u> |
| % Moisture: | <u>N/A</u> | Decanted (Y/N): <u>N</u> | Date Extracted: | <u>November 28, 2016</u> |
| Concentrated Extract Volume: | <u>100</u> | (uL) | Lab Batch: | <u>4779396</u> |
| Injection Volume: | <u>1</u> | (uL) | Date Analyzed: | <u>December 5, 2016</u> |
| Acid Wash Cleanup (Y/N): | <u>N</u> | pH <u>Not analyzed</u> | Calib. Ref.: | <u>December 5, 2016</u> |
| Carbon Column Cleanup (Y/N): | <u>N</u> | | Time Analyzed: | <u>22:09</u> |
| GPC Column Cleanup (Y/N): | <u>N</u> | | Dilution Factor: | <u>1</u> |

| CAS Number | Compound | Concentration (ng/g) | Spike Level (ng/g) | Recovery (%) | %RPD (%) | Acceptance Criteria (%) |
|-----------------|---------------------------------|----------------------|-------------------------|--------------|----------|-------------------------|
| 56558-16-8 | 22'466'-PentaCB-(104) | 1.05 | 1.00 | 105 | 0.96 | 50 - 150 |
| 2051-60-7 | 2-MonoCB-(1) | 1.23 | 1.00 | 123 | 0 | 50 - 150 |
| 70362-50-4 | 344'5'-TetraCB-(81) | 1.23 | 1.00 | 123 | 4.1 | 50 - 150 |
| 39635-31-9 | 233'44'55'-HeptaCB-(189) | 1.17 | 1.00 | 117 | 1.7 | 50 - 150 |
| 74487-85-7 | 22'34'566'-HeptaCB-(188) | 1.06 | 1.00 | 106 | 2.9 | 50 - 150 |
| 52663-68-0 | 22'34'55'6'-HeptaCB-(187) | 1.09 | 1.00 | 109 | 0.92 | 50 - 150 |
| 60145-23-5 | 22'344'56'-HeptaCB-(182) | 1.03 | 1.00 | 103 | 0.97 | 50 - 150 |
| 35065-29-3 | HeptaCB-(180)+(193) | 0.870 | 1.00 | 87 | 4.5 | 50 - 150 |
| 35065-30-6 | 22'33'44'5'-HeptaCB-(170) | 1.08 | 1.00 | 108 | 3.6 | 50 - 150 |
| 32774-16-6 | 33'44'55'-HexaCB-(169) | 1.21 | 1.00 | 121 | 0 | 50 - 150 |
| 52663-72-6 | 23'44'55'-HexaCB-(167) | 1.25 | 1.00 | 125 | 0 | 50 - 150 |
| 38380-08-4 | HexaCB-(156)+(157) | 2.54 | 2.00 | 127 | 1.6 | 50 - 150 |
| 33979-03-2 | 22'44'66'-HexaCB-(155) | 1.03 | 1.00 | 103 | 0 | 50 - 150 |
| 2050-68-2 | 4,4'-DiCB-(15) | 1.27 | 1.00 | 127 | 4.0 | 50 - 150 |
| 57465-28-8 | 33'44'5'-PentaCB-(126) | 1.24 | 1.00 | 124 | 0.81 | 50 - 150 |
| 65510-44-3 | 23'44'5'-PentaCB-(123) | 1.27 | 1.00 | 127 | 2.4 | 50 - 150 |
| 31508-00-6 | 23'44'5'-PentaCB-(118) | 1.29 | 1.00 | 129 | 0 | 50 - 150 |
| 74472-37-0 | 2344'5'-PentaCB-(114) | 1.20 | 1.00 | 120 | 1.7 | 50 - 150 |
| 32598-14-4 | 233'44'-PentaCB-(105) | 1.23 | 1.00 | 123 | 1.6 | 50 - 150 |
| 32598-13-3 | 33'44'-TetraCB-(77) | 1.19 | 1.00 | 119 | 0.84 | 50 - 150 |
| 15968-05-5 | 22'66'-TetraCB-(54) | 1.04 | 1.00 | 104 | 1.9 | 50 - 150 |
| 13029-08-8 | 22'-DiCB-(4) | 1.01 | 1.00 | 101 | 1.0 | 50 - 150 |
| 38444-90-5 | 344'-TriCB-(37) | 1.25 | 1.00 | 125 | 0 | 50 - 150 |
| 37680-68-5 | 23'5'-TriCB-(34) | 0.860 | 1.00 | 86 | 6.7 | 50 - 150 |
| 2051-62-9 | 4-MonoCB-(3) | 1.28 | 1.00 | 128 | 3.1 | 50 - 150 |
| 55720-44-0 | 235'-TriCB-(23) | 1.01 | 1.00 | 101 | 1.0 | 50 - 150 |
| 2051-24-3 | DecaCB-(209) | 1.02 | 1.00 | 102 | 3.0 | 50 - 150 |
| 52663-77-1 | 22'33'455'66'-NonaCB-(208) | 1.08 | 1.00 | 108 | 1.9 | 50 - 150 |
| 40186-72-9 | 22'33'44'55'6'-NonaCB-(206) | 1.08 | 1.00 | 108 | 1.8 | 50 - 150 |
| 74472-53-0 | 233'44'55'6'-OctaCB-(205) | 1.17 | 1.00 | 117 | 11 | 50 - 150 |
| 2136-99-4 | 22'33'55'66'-OctaCB-(202) | 1.04 | 1.00 | 104 | 0 | 50 - 150 |
| 38444-73-4 | 22'6'-TriCB-(19) | 1.01 | 1.00 | 101 | 2.0 | 50 - 150 |
| CAS Number | Surrogate | Recovery (%) | Acceptance Criteria (%) | | | |
| | C13-344'5'-TetraCB-(81) | 84 | 30 - 140 | | | |
| | C13-33'44'-TetraCB-(77) | 84 | 30 - 140 | | | |
| | C13-22'66'-TetraCB-(54) | 95 | 30 - 140 | | | |
| | C13-22'-DiCB-(4) | 77 | 30 - 140 | | | |
| | C13-344'-TriCB-(37) | 82 | 30 - 140 | | | |
| | C13-4-MonoCB-(3) | 62 | 15 - 140 | | | |
| | C13-2,44'-TriCB-(28) | 83 | 40 - 125 | | | |
| 105600-27-9 | C13-DecaCB-(209) | 99 | 30 - 140 | | | |
| | C13-22'33'455'66'-NonaCB-(208) | 86 | 30 - 140 | | | |
| | C13-22'33'44'55'6'-NonaCB-(206) | 90 | 30 - 140 | | | |
| | C13-233'44'55'6'-OctaCB-(205) | 84 | 30 - 140 | | | |
| | C13-22'33'55'66'-OctaCB-(202) | 88 | 30 - 140 | | | |
| | C13-22'6'-TriCB-(19) | 78 | 30 - 140 | | | |
| | C13-233'44'55'-HeptaCB-(189) | 95 | 30 - 140 | | | |

LABORATORY SPIKED BLANK DUPLICATE

| | | | | |
|------------------------------|------------------------------|-----------------|------------------|--------------------------|
| Lab Name | <u>Maxxam Analytics Inc.</u> | | Lab Sample ID: | <u>B6N4556-4779396SD</u> |
| Method | <u>EPA 1668A m</u> | | Project Number: | <u>PORT GAMBLE</u> |
| Matrix: | <u>tissue</u> | | Project Name: | <u></u> |
| Sample wt/vol: | <u>10.00</u> | (g) | Lab File ID: | <u>M2161205B04</u> |
| Level (low/med): | <u>low</u> | | Date Received: | <u>Not applicable</u> |
| % Moisture: | <u>N/A</u> | Decanted (Y/N): | Date Extracted: | <u>November 28, 2016</u> |
| Concentrated Extract Volume: | <u>100</u> | (uL) | Lab Batch: | <u>4779396</u> |
| Injection Volume: | <u>1</u> | (uL) | Date Analyzed: | <u>December 5, 2016</u> |
| Acid Wash Cleanup (Y/N): | <u>N</u> | pH | Calib. Ref.: | <u>December 5, 2016</u> |
| Carbon Column Cleanup (Y/N): | <u>N</u> | | Time Analyzed: | <u>22:09</u> |
| GPC Column Cleanup (Y/N): | <u>N</u> | | Dilution Factor: | <u>1</u> |

| CAS Number | Compound | Concentration (%) | Spike Level (%) | Recovery (%) | %RPD (%) | Acceptance Criteria (%) |
|------------|-------------------------------|-------------------|-------------------------|--------------|----------|-------------------------|
| CAS Number | Surrogate | Recovery (%) | Acceptance Criteria (%) | | | |
| | C13-22'34'566'-HeptaCB-(188) | 91 | 30 - 140 | | | |
| | C13-22'344'55'-HeptaCB-(180) | 88 | 30 - 140 | | | |
| | C13-22'33'55'6'-HeptaCB-(178) | 97 | 40 - 125 | | | |
| | C13-22'33'44'5'-HeptaCB-(170) | 84 | 30 - 140 | | | |
| | C13-33'44'55'-HexaCB-(169) | 64 | 30 - 140 | | | |
| | C13-23'44'55'-HexaCB-(167) | 90 | 30 - 140 | | | |
| | C13-HexaCB-(156)+(157) | 90 | 30 - 140 | | | |
| | C13-22'44'66'-HexaCB-(155) | 93 | 30 - 140 | | | |
| | C13-44'-DiCB-(15) | 85 | 30 - 140 | | | |
| | C13-33'44'5'-PentaCB-(126) | 88 | 30 - 140 | | | |
| | C13-2'344'5'-PentaCB-(123) | 89 | 30 - 140 | | | |
| | C13-23'44'5'-PentaCB-(118) | 90 | 30 - 140 | | | |
| | C13-2344'5'-PentaCB-(114) | 94 | 30 - 140 | | | |
| | C13-233'55'-PentaCB-(111) | 90 | 40 - 125 | | | |
| | C13-233'44'-PentaCB-(105) | 94 | 30 - 140 | | | |
| | C13-22'466'-PentaCB-(104) | 91 | 30 - 140 | | | |
| | C13-2-MonoCB-(1) | 68 | 15 - 140 | | | |

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Sample ID SPIKE%:D1
 Comments
 Instrument File Ultima 3
 Sample Size 10

Dil Fac 1.00

| Name | mass | RT | Area | ratio | Tot Area | ng/g | Code | Isomers | DL | S/N | Mod | rf | Rec |
|--------------|------|-------|--------|-------|----------|----------|--------------------|---------|----------|------|-----|-------|-----|
| 1 PCB 1 | 188 | 8.84 | 164408 | 3.43 | 212397 | 0.122749 | PCB 1 % Rec = 123 | | -0.00061 | 503 | no | 1.296 | - |
| 2 PCB 2 | 188 | 8.83 | 47988 | yes | * | * | | | | 448 | no | 1.697 | - |
| 3 PCB 3 | 188 | 10.02 | 156031 | 3.29 | 203408 | 0.127985 | PCB 3 % Rec = 128 | | -0.00062 | 506 | no | 1.276 | - |
| 4 PCB 4 | 222 | 10.14 | 38371 | 1.56 | 63008 | 0.101116 | PCB 4 % Rec = 101 | | -0.01219 | 476 | no | 1.186 | - |
| 5 PCB 10 | 222 | 10.13 | 24637 | yes | * | * | | | -0.01443 | 242 | no | 1.002 | - |
| 6 PCB 9 | 222 | 10.22 | * | no | * | -0.0036 | | | -0.0036 | 9 | no | 2.318 | - |
| 7 PCB 7 | 222 | 11.02 | * | no | * | -0.00414 | | | -0.00414 | * | no | 2.015 | - |
| 8 PCB 6 | 222 | 11.10 | * | no | * | -0.00367 | | | -0.00367 | * | no | 2.278 | - |
| 9 PCB 5 | 222 | 11.20 | * | no | * | -0.00468 | | | -0.00468 | * | no | 1.783 | - |
| 10 PCB 8 | 222 | 11.32 | * | no | * | -0.00346 | | | -0.00346 | * | no | 2.416 | - |
| 11 PCB 14 | 222 | 11.38 | * | no | * | -0.00366 | | | -0.00366 | * | no | 2.288 | - |
| 12 PCB 11 | 222 | 12.06 | * | no | * | -0.00384 | | | -0.00384 | * | no | 2.176 | - |
| 13 PCB 13/12 | 222 | 12.43 | * | no | * | -0.00422 | | | -0.00422 | * | no | 1.978 | - |
| 14 PCB 15 | 222 | 12.73 | 172186 | 1.48 | 288354 | 0.127487 | PCB 15 % Rec = 127 | | -0.00801 | 1584 | no | 1.042 | - |
| 15 PCB 19 | 256 | 11.51 | 116168 | yes | 76489 | 0.101025 | PCB 19 % Rec = 101 | | -0.00145 | 56 | no | 1.156 | - |
| 16 PCB 30/18 | 256 | 11.49 | 38843 | 1.03 | * | -0.00194 | | | -0.00194 | 384 | no | 0.864 | - |
| 17 PCB 17 | 256 | 12.30 | 37646 | yes | * | -0.00243 | | | -0.00243 | 331 | no | 0.691 | - |
| 18 PCB 27 | 256 | 12.48 | * | no | * | -0.00167 | | | -0.00167 | * | no | 1.006 | - |
| 19 PCB 24 | 256 | 12.60 | * | no | * | -0.00209 | | | -0.00209 | * | no | 0.802 | - |
| 20 PCB 16 | 256 | 12.65 | * | no | * | -0.00273 | | | -0.00273 | * | no | 0.614 | - |
| 21 PCB 32 | 256 | 12.71 | * | no | * | -0.00153 | | | -0.00153 | * | no | 1.1 | - |
| 22 PCB 34 | 256 | 12.93 | * | no | * | -0.00068 | PCB 34 % Rec = 86 | | -0.00068 | * | no | 2.11 | - |
| 23 PCB 23 | 256 | 13.51 | 130058 | 1 | 260054 | 0.0856 | PCB 23 % Rec = 101 | | -0.00077 | 467 | no | 1.864 | - |
| 24 PCB 26/29 | 256 | 13.52 | 129996 | yes | 271900 | 0.10132 | | | -0.00067 | 473 | no | 2.13 | - |
| 25 PCB 25 | 256 | 13.61 | 134405 | 0.98 | * | -0.00068 | | | -0.00068 | 462 | no | 2.103 | - |
| 26 PCB 31 | 256 | 13.76 | 137496 | yes | * | -0.00065 | | | -0.00065 | 482 | no | 2.202 | - |
| 27 PCB 28/20 | 256 | 13.84 | * | no | * | -0.00073 | | | -0.00073 | * | no | 1.971 | - |
| 28 PCB 21/33 | 256 | 14.00 | * | no | * | -0.00071 | | | -0.00071 | * | no | 2.008 | - |
| 29 PCB 22 | 256 | 14.16 | * | no | * | -0.00081 | | | -0.00081 | * | no | 1.758 | - |
| 30 PCB 36 | 256 | 14.26 | * | no | * | -0.00061 | | | -0.00061 | * | no | 2.334 | - |
| 31 PCB 39 | 256 | 14.46 | * | no | * | -0.00075 | | | -0.00075 | * | no | 1.922 | - |
| 32 PCB 38 | 256 | 15.29 | * | no | * | -0.00073 | | | -0.00073 | * | no | 1.971 | - |
| 33 PCB 35 | 256 | 15.51 | * | no | * | -0.00071 | | | -0.00071 | * | no | 2.017 | - |
| 34 PCB 37 | 256 | 15.88 | * | no | * | -0.00145 | PCB 37 % Rec = 125 | | -0.00145 | * | no | 0.985 | - |
| 35 PCB 54 | 290 | 16.13 | 136884 | 1 | 78076 | 0.103555 | PCB 54 % Rec = 104 | | -0.00124 | 412 | no | 1.02 | - |
| 36 PCB 53/50 | 290 | 16.37 | 136615 | yes | * | -0.00237 | | | -0.00237 | 426 | no | 0.872 | - |
| 37 PCB 45/51 | 290 | 12.87 | 33635 | 0.76 | * | -0.0025 | | | -0.0025 | 201 | no | 0.826 | - |
| 38 PCB 46 | 290 | 12.88 | 44441 | yes | * | -0.00284 | | | -0.00284 | 202 | no | 0.727 | - |
| 39 PCB 52 | 290 | 13.89 | * | no | * | -0.00228 | | | -0.00228 | * | no | 0.905 | - |
| 40 PCB 73 | 290 | 14.24 | * | no | * | -0.00185 | | | -0.00185 | * | no | 1.116 | - |
| 41 PCB 43 | 290 | 14.39 | * | no | * | -0.00385 | | | -0.00385 | * | no | 0.537 | - |
| 42 PCB 69/49 | 290 | 15.10 | * | no | * | -0.00212 | | | -0.00212 | * | no | 0.976 | - |
| | 290 | 15.18 | * | no | * | | | | | * | | | |
| | 290 | 15.25 | * | no | * | | | | | * | | | |
| | 290 | 15.37 | * | no | * | | | | | * | | | |

| | | | | | | | | | | | | | |
|---------------------|----------|--------|--------|------|--------|----------|-------------------------|--|----------|-----|----|-------|---|
| 90 PCB 122 | 326 | NotFnd | * | * | * | -0.00108 | | | -0.00108 | * | no | 1.418 | - |
| | PeCB 328 | 23.63 | * | no | | | | | | * | | | |
| 91 PCB 114 | 326 | 23.80 | 126238 | 1.51 | 209718 | 0.120176 | PCB 114 % Rec = 120 | | -0.00142 | 238 | no | 1.076 | - |
| | PeCB 328 | 23.80 | 83480 | yes | | | | | | 243 | | | |
| 92 PCB 105 | 326 | 24.36 | 130596 | 1.53 | 215939 | 0.123331 | PCB 105 % Rec = 123 | | -0.00147 | 236 | no | 1.04 | - |
| | PeCB 328 | 24.39 | 85343 | yes | | | | | | 239 | | | |
| 93 PCB 127 | 326 | NotFnd | * | * | * | -0.00097 | | | -0.00097 | * | no | 1.583 | - |
| | PeCB 328 | 25.66 | * | no | | | | | | * | | | |
| 94 PCB 126 | 326 | 27.17 | 121635 | 1.56 | 199427 | 0.123751 | PCB 126 % Rec = 124 | | -0.00148 | 207 | no | 1.037 | - |
| | PeCB 328 | 27.18 | 77792 | yes | | | | | | 209 | | | |
| 95 PCB 155 | 360 | 19.26 | 54697 | 1.26 | 98147 | 0.103337 | PCB 155 % Rec = 103 | | -0.00066 | 397 | no | 1.079 | - |
| | HxCB 362 | 19.26 | 43450 | yes | | | | | | 386 | | | |
| 96 PCB 152 | 360 | NotFnd | * | * | * | -0.00104 | | | -0.00104 | * | no | 0.686 | - |
| | HxCB 362 | 19.42 | * | no | | | | | | * | | | |
| 97 PCB 150 | 360 | NotFnd | * | * | * | -0.00117 | | | -0.00117 | * | no | 0.606 | - |
| | HxCB 362 | 19.53 | * | no | | | | | | * | | | |
| 98 PCB 136 | 360 | NotFnd | * | * | * | -0.00108 | | | -0.00108 | * | no | 0.659 | - |
| | HxCB 362 | 19.80 | * | no | | | | | | * | | | |
| 99 PCB 145 | 360 | NotFnd | * | * | * | -0.00125 | | | -0.00125 | * | no | 0.57 | - |
| | HxCB 362 | 20.03 | * | no | | | | | | * | | | |
| 100 PCB 148 | 360 | NotFnd | * | * | * | -0.00145 | | | -0.00145 | * | no | 0.491 | - |
| | HxCB 362 | 21.13 | * | no | | | | | | * | | | |
| 101 PCB 151/135 | 360 | NotFnd | * | * | * | -0.00161 | | | -0.00161 | * | no | 0.442 | - |
| | HxCB 362 | 21.63 | * | no | | | | | | * | | | |
| 102 PCB 154 | 360 | NotFnd | * | * | * | -0.00135 | | | -0.00135 | * | no | 0.528 | - |
| | HxCB 362 | 21.82 | * | no | | | | | | * | | | |
| 103 PCB 144 | 360 | NotFnd | * | * | * | -0.00151 | | | -0.00151 | * | no | 0.469 | - |
| | HxCB 362 | 22.06 | * | no | | | | | | * | | | |
| 104 PCB 147/149 | 360 | NotFnd | * | * | * | -0.00108 | | | -0.00108 | * | no | 0.665 | - |
| | HxCB 362 | 22.36 | * | no | | | | | | * | | | |
| 105 PCB 134/143 | 360 | NotFnd | * | * | * | -0.00121 | | | -0.00121 | * | no | 0.593 | - |
| | HxCB 362 | 22.61 | * | no | | | | | | * | | | |
| 106 PCB 139/140 | 360 | NotFnd | * | * | * | -0.00108 | | | -0.00108 | * | no | 0.666 | - |
| | HxCB 362 | 22.88 | * | no | | | | | | * | | | |
| 107 PCB 131 | 360 | NotFnd | * | * | * | -0.00133 | | | -0.00133 | * | no | 0.54 | - |
| | HxCB 362 | 23.06 | * | no | | | | | | * | | | |
| 108 PCB 142 | 360 | NotFnd | * | * | * | -0.00119 | | | -0.00119 | * | no | 0.803 | - |
| | HxCB 362 | 23.19 | * | no | | | | | | * | | | |
| 109 PCB 132 | 360 | NotFnd | * | * | * | -0.00136 | | | -0.00136 | * | no | 0.528 | - |
| | HxCB 362 | 23.44 | * | no | | | | | | * | | | |
| 110 PCB 133 | 360 | NotFnd | * | * | * | -0.00114 | | | -0.00114 | * | no | 0.629 | - |
| | HxCB 362 | 23.84 | * | no | | | | | | * | | | |
| 111 PCB 165 | 360 | NotFnd | * | * | * | -0.00097 | | | -0.00097 | * | no | 0.735 | - |
| | HxCB 362 | 24.17 | * | no | | | | | | * | | | |
| 112 PCB 146 | 360 | NotFnd | * | * | * | -0.001 | | | -0.001 | * | no | 0.715 | - |
| | HxCB 362 | 24.40 | * | no | | | | | | * | | | |
| 113 PCB 161 | 360 | NotFnd | * | * | * | -0.00083 | | | -0.00083 | * | no | 0.864 | - |
| | HxCB 362 | 24.52 | * | no | | | | | | * | | | |
| 114 PCB 153/168 | 360 | NotFnd | * | * | * | -0.00091 | | | -0.00091 | * | no | 0.783 | - |
| | HxCB 362 | 24.98 | * | no | | | | | | * | | | |
| 115 PCB 141 | 360 | NotFnd | * | * | * | -0.00111 | | | -0.00111 | * | no | 0.648 | - |
| | HxCB 362 | 25.13 | * | no | | | | | | * | | | |
| 116 PCB 130 | 360 | NotFnd | * | * | * | -0.00123 | | | -0.00123 | * | no | 0.581 | - |
| | HxCB 362 | 25.50 | * | no | | | | | | * | | | |
| 117 PCB 137 | 360 | NotFnd | * | * | * | -0.00124 | | | -0.00124 | * | no | 0.577 | - |
| | HxCB 362 | 25.70 | * | no | | | | | | * | | | |
| 118 PCB 164 | 360 | NotFnd | * | * | * | -0.0009 | | | -0.0009 | * | no | 0.796 | - |
| | HxCB 362 | 25.82 | * | no | | | | | | * | | | |
| 119 PCB 138/163/129 | 360 | NotFnd | * | * | * | -0.00109 | | | -0.00109 | * | no | 0.657 | - |
| | HxCB 362 | 26.11 | * | no | | | | | | * | | | |
| 120 PCB 160 | 360 | NotFnd | * | * | * | -0.00103 | | | -0.00103 | * | no | 0.695 | - |
| | HxCB 362 | 26.28 | * | no | | | | | | * | | | |
| 121 PCB 158 | 360 | NotFnd | * | * | * | -0.00082 | | | -0.00082 | * | no | 0.872 | - |
| | HxCB 362 | 26.46 | * | no | | | | | | * | | | |
| 122 PCB 128/166 | 360 | NotFnd | * | * | * | -0.00102 | | | -0.00102 | * | no | 0.7 | - |
| | HxCB 362 | 27.27 | * | no | | | | | | * | | | |
| 123 PCB 159 | 360 | NotFnd | * | * | * | -0.00066 | | | -0.00066 | * | no | 1.501 | - |
| | HxCB 362 | 28.25 | * | no | | | | | | * | | | |
| 124 PCB 162 | 360 | NotFnd | * | * | * | -0.00074 | | | -0.00074 | * | no | 1.338 | - |
| | HxCB 362 | 28.51 | * | no | | | | | | * | | | |
| 125 PCB 167 | 360 | 29.00 | 119544 | 1.2 | 219279 | 0.125201 | PCB 167 % Rec = 125 | | -0.00104 | 404 | no | 0.951 | - |
| | HxCB 362 | 29.01 | 99735 | yes | | | | | | 421 | | | |
| 126 PCB 156/157 | 360 | 30.15 | 242891 | 1.22 | 441650 | 0.254137 | PCB 156/157 % Rec = 127 | | -0.00096 | 687 | no | 1.036 | - |
| | HxCB 362 | 30.16 | 198759 | yes | | | | | | 672 | | | |
| 127 PCB 169 | 360 | 33.51 | 79694 | 1.19 | 146536 | 0.121407 | PCB 169 % Rec = 121 | | -0.00102 | 249 | no | 0.973 | - |
| | HxCB 362 | 33.53 | 66842 | yes | | | | | | 257 | | | |
| 128 PCB 188 | 394 | 23.78 | 52085 | 1.07 | 100951 | 0.105595 | PCB 188 % Rec = 106 | | -0.00252 | 110 | no | 1.053 | - |
| | HpCB 396 | 23.79 | 48866 | yes | | | | | | 108 | | | |
| 129 PCB 179 | 394 | NotFnd | * | * | * | -0.0027 | | | -0.0027 | * | no | 0.98 | - |
| | HpCB 396 | 24.07 | * | no | | | | | | * | | | |
| 130 PCB 184 | 394 | NotFnd | * | * | * | -0.00293 | | | -0.00293 | * | no | 0.904 | - |
| | HpCB 396 | 24.57 | * | no | | | | | | * | | | |
| 131 PCB 176 | 394 | NotFnd | * | * | * | -0.00282 | | | -0.00282 | * | no | 0.939 | - |
| | HpCB 396 | 24.88 | * | no | | | | | | * | | | |
| 132 PCB 186 | 394 | NotFnd | * | * | * | -0.00322 | | | -0.00322 | * | no | 0.822 | - |
| | HpCB 396 | 25.28 | * | no | | | | | | * | | | |
| 133 PCB 178 | 394 | NotFnd | * | * | * | -0.004 | | | -0.004 | * | no | 0.663 | - |
| | HpCB 396 | 26.54 | * | no | | | | | | * | | | |
| 134 PCB 175 | 394 | NotFnd | * | * | * | -0.00381 | | | -0.00381 | * | no | 0.695 | - |
| | HpCB 396 | 27.14 | * | no | | | | | | * | | | |
| 135 PCB 187 | 394 | 27.38 | 39301 | 1.05 | 76870 | 0.108859 | PCB 187 % Rec = 109 | | -0.00409 | 77 | no | 0.647 | - |
| | HpCB 396 | 27.40 | 37568 | yes | | | | | | 78 | | | |
| 136 PCB 182 | 394 | 27.58 | 38694 | 1.05 | 75561 | 0.102952 | PCB 182 % Rec = 103 | | -0.00394 | 74 | no | 0.673 | - |
| | HpCB 396 | 27.61 | 36867 | yes | | | | | | 76 | | | |

| | | | | | | | | | | | | |
|-------------------|----------|--------|--------|------|--------|----------|------------------------|----------|------|-----|-------|--------|
| 137 PCB 183 | 394 | NotFnd | * | * | * | -0.00107 | | -0.00107 | * | no | 1.138 | - |
| | HpCB 396 | 27.96 | * | no | * | | | | * | | | |
| 138 PCB 185 | 394 | NotFnd | * | * | * | -0.00164 | | -0.00164 | * | no | 0.743 | - |
| | HpCB 396 | 28.06 | * | no | * | | | | * | | | |
| 139 PCB 174 | 394 | NotFnd | * | * | * | -0.00141 | | -0.00141 | * | no | 0.867 | - |
| | HpCB 396 | 28.18 | * | no | * | | | | * | | | |
| 140 PCB 177 | 394 | NotFnd | * | * | * | -0.00139 | | -0.00139 | * | no | 0.874 | - |
| | HpCB 396 | 28.66 | * | no | * | | | | * | | | |
| 141 PCB 181 | 394 | NotFnd | * | * | * | -0.00143 | | -0.00143 | * | no | 0.85 | - |
| | HpCB 396 | 29.03 | * | no | * | | | | * | | | |
| 142 PCB 171/173 | 394 | NotFnd | * | * | * | -0.00139 | | -0.00139 | * | no | 0.875 | - |
| | HpCB 396 | 29.26 | * | no | * | | | | * | | | |
| 143 PCB 172 | 394 | NotFnd | * | * | * | -0.00141 | | -0.00141 | * | no | 0.866 | - |
| | HpCB 396 | 30.90 | * | no | * | | | | * | | | |
| 144 PCB 192 | 394 | NotFnd | * | * | * | -0.00124 | | -0.00124 | * | no | 0.979 | - |
| | HpCB 396 | 31.21 | * | no | * | | | | * | | | |
| 145 PCB 193/180 | 394 | 31.58 | 49944 | 0.99 | 100327 | 0.087075 | PCB 193/180 % Rec = 87 | -0.00091 | 213 | no | 1.333 | - |
| | HpCB 396 | 31.56 | 50383 | yes | * | | | | 222 | | | |
| 146 PCB 191 | 394 | NotFnd | * | * | * | -0.00106 | | -0.00106 | * | no | 1.152 | - |
| | HpCB 396 | 31.94 | * | no | * | | | | * | | | |
| 147 PCB 170 | 394 | 32.88 | 49264 | 1.04 | 96396 | 0.108302 | PCB 170 % Rec = 108 | -0.00101 | 201 | yes | 1.206 | - |
| | HpCB 396 | 32.90 | 47132 | yes | * | | | | 201 | | | |
| 148 PCB 190 | 394 | NotFnd | * | * | * | -0.00112 | | -0.00112 | * | no | 1.089 | - |
| | HpCB 396 | 33.46 | * | no | * | | | | * | | | |
| 149 PCB 189 | 394 | 36.27 | 98431 | 1 | 196887 | 0.116597 | PCB 189 % Rec = 117 | -0.0008 | 359 | no | 0.91 | - |
| | HpCB 396 | 36.29 | 98456 | yes | * | | | | 379 | | | |
| 150 PCB 202 | 428 | 28.76 | 45933 | 0.93 | 95133 | 0.104305 | PCB 202 % Rec = 104 | -0.00138 | 224 | no | 1.08 | - |
| | OcCB 430 | 28.75 | 49200 | yes | * | | | | 211 | | | |
| 151 PCB 201 | 428 | NotFnd | * | * | * | -0.00137 | | -0.00137 | * | no | 1.088 | - |
| | OcCB 430 | 29.67 | * | no | * | | | | * | | | |
| 152 PCB 204 | 428 | NotFnd | * | * | * | -0.00138 | | -0.00138 | * | no | 1.08 | - |
| | OcCB 430 | 30.36 | * | no | * | | | | * | | | |
| 153 PCB 197 | 428 | NotFnd | * | * | * | -0.00169 | | -0.00169 | * | no | 0.88 | - |
| | OcCB 430 | 30.69 | * | no | * | | | | * | | | |
| 154 PCB 200 | 428 | NotFnd | * | * | * | -0.00131 | | -0.00131 | * | no | 1.141 | - |
| | OcCB 430 | 30.71 | * | no | * | | | | * | | | |
| 155 PCB 198/199 | 428 | NotFnd | * | * | * | -0.00216 | | -0.00216 | * | no | 0.691 | - |
| | OcCB 430 | 33.61 | * | no | * | | | | * | | | |
| 156 PCB 196 | 428 | NotFnd | * | * | * | -0.00203 | | -0.00203 | * | no | 0.736 | - |
| | OcCB 430 | 34.35 | * | no | * | | | | * | | | |
| 157 PCB 203 | 428 | NotFnd | * | * | * | -0.00209 | | -0.00209 | * | no | 0.712 | - |
| | OcCB 430 | 34.64 | * | no | * | | | | * | | | |
| 158 PCB 195 | 428 | NotFnd | * | * | * | -0.0023 | | -0.0023 | * | no | 1.012 | - |
| | OcCB 430 | 35.99 | * | no | * | | | | * | | | |
| 159 PCB 194 | 428 | NotFnd | * | * | * | -0.00219 | | -0.00219 | * | no | 1.061 | - |
| | OcCB 430 | 38.61 | * | no | * | | | | * | | | |
| 160 PCB 205 | 428 | 39.14 | 59989 | 0.92 | 125145 | 0.117278 | PCB 205 % Rec = 117 | -0.00217 | 136 | no | 1.071 | - |
| | OcCB 430 | 39.16 | 65156 | yes | * | | | | 132 | | | |
| 161 PCB 208 | 462 | 35.74 | 39731 | 0.75 | 92989 | 0.108042 | PCB 208 % Rec = 108 | -0.00194 | 134 | no | 1.082 | - |
| | NoCB 464 | 35.75 | 53259 | yes | * | | | | 142 | | | |
| 162 PCB 207 | 462 | NotFnd | * | * | * | -0.00158 | | -0.00158 | * | no | 1.324 | - |
| | NoCB 464 | 36.79 | * | no | * | | | | * | | | |
| 163 PCB 206 | 462 | 41.14 | 30467 | 0.8 | 68679 | 0.107846 | PCB 206 % Rec = 108 | -0.00195 | 102 | no | 1.077 | - |
| | NoCB 464 | 41.10 | 38212 | yes | * | | | | 97 | | | |
| 164 PCB 209 | 498 | 42.99 | 34477 | 1.22 | 62690 | 0.101534 | PCB 209 % Rec = 102 | -0.00118 | 227 | no | 1.024 | no lip |
| | DCB 500 | 43.01 | 28213 | yes | * | | | | 216 | | | |
| 165 PCB 1L | 200 | 8.83 | 206266 | 3.39 | 267038 | 0.149547 | | 0 | 2870 | no | 0.821 | 68 |
| | 202 | 8.83 | 60772 | yes | * | | | | 588 | | | |
| 166 PCB 3L | 200 | 10.01 | 193302 | 3.47 | 249057 | 0.138385 | | 0 | 2725 | no | 0.828 | 62 |
| | 202 | 10.01 | 65765 | yes | * | | | | 558 | | | |
| 167 PCB 4L | 234 | 10.13 | 64913 | 1.62 | 105067 | 0.17162 | | 0.001 | 692 | no | 0.282 | 77 |
| | 236 | 10.11 | 40154 | yes | * | | | | 1289 | | | |
| 168 PCB 15L | 234 | 12.71 | 274213 | 1.71 | 434326 | 0.187774 | | 0 | 888 | no | 1.064 | 85 |
| | 236 | 12.73 | 160114 | yes | * | | | | 1772 | | | |
| 169 PCB 19L | 268 | 11.49 | 65709 | 1.01 | 130947 | 0.174462 | | 0.006 | 118 | no | 0.345 | 78 |
| | 270 | 11.49 | 65238 | yes | * | | | | 65 | | | |
| 170 PCB 37L | 268 | 16.36 | 228733 | 1.06 | 444981 | 0.18251 | | 0.002 | 399 | no | 2.614 | 82 |
| | 270 | 16.36 | 216247 | yes | * | | | | 229 | | | |
| 171 PCB 64L | 302 | 12.85 | 64236 | 0.77 | 147874 | 0.209141 | | 0.001 | 379 | no | 0.768 | 95 |
| | 304 | 12.85 | 83639 | yes | * | | | | 948 | | | |
| 172 PCB 81L | 302 | 20.98 | 144349 | 0.8 | 324946 | 0.1857 | | 0 | 750 | no | 1.876 | 84 |
| | 304 | 20.98 | 180597 | yes | * | | | | 1647 | | | |
| 173 PCB 77L | 302 | 21.41 | 139851 | 0.81 | 313555 | 0.186878 | | 0 | 738 | no | 1.799 | 84 |
| | 304 | 21.43 | 173704 | yes | * | | | | 1593 | | | |
| 174 PCB 104L | 338 | 15.63 | 91405 | 1.59 | 148937 | 0.201758 | | 0 | 7642 | no | 0.967 | 91 |
| | 340 | 15.62 | 67532 | yes | * | | | | 2564 | | | |
| 175 PCB 123L | 338 | 23.03 | 218393 | 1.89 | 347536 | 0.198464 | | 0 | 1431 | no | 2.293 | 89 |
| | 340 | 23.03 | 129143 | yes | * | | | | 1785 | | | |
| 176 PCB 118L | 338 | 23.30 | 211724 | 1.7 | 336393 | 0.199954 | | 0 | 1362 | no | 2.203 | 90 |
| | 340 | 23.30 | 124669 | yes | * | | | | 1696 | | | |
| 177 PCB 114L | 338 | 23.78 | 202484 | 1.66 | 324445 | 0.207336 | | 0 | 1309 | no | 2.049 | 94 |
| | 340 | 23.78 | 121981 | yes | * | | | | 1681 | | | |
| 178 PCB 105L | 338 | 24.34 | 209386 | 1.65 | 336607 | 0.208525 | | 0 | 1328 | no | 2.114 | 94 |
| | 340 | 24.34 | 127220 | yes | * | | | | 1682 | | | |
| 179 PCB 126L | 338 | 27.16 | 194397 | 1.67 | 310852 | 0.196002 | | 0 | 1191 | no | 2.077 | 88 |
| | 340 | 27.15 | 116456 | yes | * | | | | 1482 | | | |
| 180 PCB 155L | 372 | 19.25 | 99511 | 1.3 | 176014 | 0.205372 | | 0 | 3157 | no | 1.056 | 93 |
| | 374 | 19.24 | 76502 | yes | * | | | | 2270 | | | |
| 181 PCB 167L | 372 | 28.98 | 208879 | 1.31 | 368294 | 0.200094 | | 0 | 1665 | no | 2.269 | 90 |
| | 374 | 28.99 | 159415 | yes | * | | | | 1401 | | | |
| 182 PCB 156L/157L | 372 | 30.13 | 386370 | 1.36 | 671059 | 0.398662 | | 0 | 2504 | no | 2.075 | 90 |
| | 374 | 30.14 | 284688 | yes | * | | | | 2066 | | | |
| 183 PCB 169L | 372 | 33.50 | 140017 | 1.3 | 248042 | 0.142693 | | 0 | 1076 | no | 2.142 | 64 |
| | 374 | 33.47 | 108025 | yes | * | | | | 936 | | | |

| | | | | | | | | | | | | |
|-----------------------|-----|--------|---------|------|----------|----------|-------|----------|-----|-------|----|--|
| 184 PCB 188L | 406 | 23.76 | 94277 | 1.08 | 181515 | 0.202753 | | | | | | |
| | 408 | 23.75 | 87238 | yes | | | 0 | 2543 | no | 1.103 | 91 | |
| 185 PCB 180L | 406 | 31.56 | 90545 | 1.1 | 172846 | 0.195742 | | 2153 | | | | |
| | 408 | 31.56 | 82301 | yes | | | 0 | 2642 | yes | 1.219 | 88 | |
| 186 PCB 170L | 406 | 32.87 | 75221 | 1.04 | 147654 | 0.186572 | | 2581 | | | | |
| | 408 | 32.87 | 72433 | yes | | | 0 | 2120 | no | 1.093 | 84 | |
| 187 PCB 189L | 406 | 36.25 | 193024 | 1.09 | 370967 | 0.211408 | | 2122 | | | | |
| | 408 | 36.23 | 177943 | yes | | | 0 | 1383 | no | 2.422 | 95 | |
| 188 PCB 202L | 440 | 28.73 | 80962 | 0.92 | 168952 | 0.195962 | | 1655 | | | | |
| | 442 | 28.71 | 87990 | yes | | | 0 | 1584 | no | 1.19 | 88 | |
| 189 PCB 205L | 440 | 39.12 | 94700 | 0.91 | 199252 | 0.186161 | | 2369 | | | | |
| | 442 | 39.12 | 104552 | yes | | | 0 | 2159 | no | 1.478 | 84 | |
| 190 PCB 208L | 474 | 35.72 | 70021 | 0.79 | 159098 | 0.189482 | | 2315 | | | | |
| | 476 | 35.73 | 89077 | yes | | | 0 | 848 | no | 1.159 | 86 | |
| 191 PCB 206L | 474 | 41.10 | 52491 | 0.8 | 118259 | 0.200534 | | 2310 | | | | |
| | 476 | 41.09 | 65768 | yes | | | 0.001 | 618 | no | 0.814 | 90 | |
| 192 PCB 209L | 510 | 42.96 | 65228 | 1.18 | 120593 | 0.220586 | | 1616 | | | | |
| | 512 | 42.94 | 55366 | yes | | | 0 | 79326 | no | 0.755 | 99 | |
| 193 PCB 28L | 268 | 14.15 | 281522 | 1.12 | 532424 | 0.205317 | | 4222 | | | | |
| PCB Cleanup Standard | 270 | 14.15 | 250902 | yes | | | 0.002 | 533 | no | 2.78 | 83 | |
| 194 PCB 111L | 338 | 21.41 | 138794 | 1.6 | 225569 | 0.221728 | | 289 | | | | |
| PCB Cleanup Standard | 340 | 21.42 | 86775 | yes | | | 0 | 1985 | no | 1.332 | 90 | |
| 195 PCB 178L | 406 | 26.50 | 65307 | 1.06 | 127115 | 0.24085 | | 2116 | | | | |
| PCB Cleanup Standard | 408 | 26.49 | 61809 | yes | | | 0 | 1717 | no | 0.65 | 97 | |
| 196 PCB 31L | 268 | NotFnd | * | * | | | | 1454 | | | | |
| PCB Audit Standard | 270 | 13.99 | * | no | | | 0.002 | | no | 2.775 | | |
| 197 PCB 95L | 338 | NotFnd | * | * | | | | | | | | |
| PCB Audit Standard | 340 | 17.41 | * | no | | | 0 | | no | 0.967 | | |
| 198 PCB 153L | 372 | NotFnd | * | * | | | | | | | | |
| PCB Audit Standard | 374 | 24.92 | * | no | | | 0 | | no | 1.191 | | |
| 199 PCB 9L | 234 | 11.03 | 1520583 | 1.7 | 2415506 | 9.335641 | | | | | | |
| PCB Recovery Standard | 236 | 11.03 | 894924 | yes | | | - | 5132 | no | - | - | |
| 200 PCB 52L | 302 | 15.08 | 461574 | 0.8 | 1036394 | 10.53088 | | 10204 | | | | |
| PCB Recovery Standard | 304 | 15.08 | 574820 | yes | | | - | 2663 | no | - | - | |
| 201 PCB 101L | 338 | 19.38 | 527707 | 1.64 | 848480 | 10.33611 | | 8816 | | | | |
| PCB Recovery Standard | 340 | 19.40 | 320772 | yes | | | - | 7954 | no | - | - | |
| 202 PCB 138L | 372 | 26.07 | 505495 | 1.28 | 901408 | 10.82144 | | 8182 | | | | |
| PCB Recovery Standard | 374 | 26.09 | 395913 | yes | | | - | 17718 | yes | - | - | |
| 203 PCB 194L | 440 | 38.58 | 382467 | 0.91 | 804764 | 11.02162 | | 11854 | | | | |
| PCB Recovery Standard | 442 | 38.61 | 422297 | yes | | | - | 8795 | no | - | - | |
| | | | | | | | | 9439 | | | | |
| Chlorobiphenyls | | | | | 0.250734 | | 2 | -0.00062 | | | | |
| Dichlorobiphenyls | | | | | 0.228603 | | 2 | -0.01443 | | | | |
| Trichlorobiphenyls | | | | | 0.41272 | | 4 | -0.00273 | | | | |
| Tetrachlorobiphenyls | | | | | 0.345085 | | 3 | -0.00385 | | | | |
| Pentachlorobiphenyls | | | | | 0.727915 | | 6 | -0.01036 | | | | |
| Hexachlorobiphenyls | | | | | 0.604082 | | 4 | -0.00161 | | | | |
| Heptachlorobiphenyls | | | | | 0.62938 | | 6 | -0.00409 | | | | |
| Octachlorobiphenyls | | | | | 0.221583 | | 2 | -0.0023 | | | | |
| Nonachlorobiphenyls | | | | | 0.215888 | | 2 | -0.00195 | | | | |
| Decachlorobiphenyl | | | | | 0.101534 | | 1 | -0.00118 | | | | |
| PCB (total) | | | | | 3.737524 | | | | | | | |

Sample ID SPIKE%:D1
 Comments
 Instrument File Ultima 3
 Sample Size 10

Dil Fac 1.00

| Name | mass | RT | Area | ratio | Tot Area | ng/g | Code | Isomers | DL | S/N | Mod | rf | Rec |
|--------------|-----------|--------|--------|-------|----------|----------|--------------------|---------|----------|------|-----|-------|-----|
| 1 PCB 1 | 188 | 8.84 | 164408 | 3.43 | 212397 | 0.122749 | PCB 1 % Rec = 123 | | -0.00061 | 503 | no | 1.296 | - |
| | MoCB 190 | 8.83 | 47988 | yes | | | | | | 448 | | | |
| 2 PCB 2 | 188 | NotFnd | * | * | * | -0.00047 | | | -0.00047 | * | no | 1.697 | - |
| | MoCB 190 | 9.93 | * | no | | | | | | * | | | |
| 3 PCB 3 | 188 | 10.02 | 156031 | 3.29 | 203408 | 0.127985 | PCB 3 % Rec = 128 | | -0.00062 | 506 | no | 1.276 | - |
| | MoCB 190 | 10.01 | 47377 | yes | | | | | | 476 | | | |
| 4 PCB 4 | 222 | 10.14 | 38371 | 1.56 | 63008 | 0.101116 | PCB 4 % Rec = 101 | | -0.01219 | 242 | no | 1.186 | - |
| | DICB 224 | 10.13 | 24637 | yes | | | | | | 9 | | | |
| 5 PCB 10 | 222 | NotFnd | * | * | * | -0.01443 | | | -0.01443 | * | no | 1.002 | - |
| | DICB 224 | 10.22 | * | no | | | | | | * | | | |
| 6 PCB 9 | 222 | NotFnd | * | * | * | -0.0036 | | | -0.0036 | * | no | 2.318 | - |
| | DICB 224 | 11.02 | * | no | | | | | | * | | | |
| 7 PCB 7 | 222 | NotFnd | * | * | * | -0.00414 | | | -0.00414 | * | no | 2.015 | - |
| | DICB 224 | 11.10 | * | no | | | | | | * | | | |
| 8 PCB 6 | 222 | NotFnd | * | * | * | -0.00367 | | | -0.00367 | * | no | 2.278 | - |
| | DICB 224 | 11.20 | * | no | | | | | | * | | | |
| 9 PCB 5 | 222 | NotFnd | * | * | * | -0.00468 | | | -0.00468 | * | no | 1.783 | - |
| | DICB 224 | 11.32 | * | no | | | | | | * | | | |
| 10 PCB 8 | 222 | NotFnd | * | * | * | -0.00346 | | | -0.00346 | * | no | 2.416 | - |
| | DICB 224 | 11.38 | * | no | | | | | | * | | | |
| 11 PCB 14 | 222 | NotFnd | * | * | * | -0.00365 | | | -0.00365 | * | no | 2.288 | - |
| | DICB 224 | 12.06 | * | no | | | | | | * | | | |
| 12 PCB 11 | 222 | NotFnd | * | * | * | -0.00384 | | | -0.00384 | * | no | 2.176 | - |
| | DICB 224 | 12.43 | * | no | | | | | | * | | | |
| 13 PCB 13/12 | 222 | NotFnd | * | * | * | -0.00422 | | | -0.00422 | * | no | 1.978 | - |
| | DICB 224 | 12.57 | * | no | | | | | | * | | | |
| 14 PCB 15 | 222 | 12.73 | 172186 | 1.48 | 288354 | 0.127487 | PCB 15 % Rec = 127 | | -0.00801 | 1584 | no | 1.042 | - |
| | DICB 224 | 12.71 | 116168 | yes | | | | | | 56 | | | |
| 15 PCB 19 | 256 | 11.51 | 38843 | 1.03 | 76489 | 0.101025 | PCB 19 % Rec = 101 | | -0.00145 | 364 | no | 1.156 | - |
| | TriCB 258 | 11.49 | 37646 | yes | | | | | | 331 | | | |
| 16 PCB 30/18 | 256 | NotFnd | * | * | * | -0.00194 | | | -0.00194 | * | no | 0.864 | - |
| | TriCB 258 | 12.30 | * | no | | | | | | * | | | |
| 17 PCB 17 | 256 | NotFnd | * | * | * | -0.00243 | | | -0.00243 | * | no | 0.691 | - |
| | TriCB 258 | 12.48 | * | no | | | | | | * | | | |
| 18 PCB 27 | 256 | NotFnd | * | * | * | -0.00167 | | | -0.00167 | * | no | 1.006 | - |
| | TriCB 258 | 12.60 | * | no | | | | | | * | | | |
| 19 PCB 24 | 256 | NotFnd | * | * | * | -0.00209 | | | -0.00209 | * | no | 0.802 | - |
| | TriCB 258 | 12.65 | * | no | | | | | | * | | | |
| 20 PCB 16 | 256 | NotFnd | * | * | * | -0.00273 | | | -0.00273 | * | no | 0.614 | - |
| | TriCB 258 | 12.71 | * | no | | | | | | * | | | |
| 21 PCB 32 | 256 | NotFnd | * | * | * | -0.00153 | | | -0.00153 | * | no | 1.1 | - |
| | TriCB 258 | 12.93 | * | no | | | | | | * | | | |
| 22 PCB 34 | 256 | 13.51 | 130058 | 1 | 260054 | 0.0856 | PCB 34 % Rec = 86 | | -0.00068 | 467 | no | 2.11 | - |
| | TriCB 258 | 13.52 | 129996 | yes | | | | | | 473 | | | |
| 23 PCB 23 | 256 | 13.60 | 134405 | 0.98 | 271900 | 0.10132 | PCB 23 % Rec = 101 | | -0.00077 | 462 | no | 1.884 | - |
| | TriCB 258 | 13.61 | 137496 | yes | | | | | | 482 | | | |
| 24 PCB 26/29 | 256 | NotFnd | * | * | * | -0.00067 | | | -0.00067 | * | no | 2.13 | - |
| | TriCB 258 | 13.76 | * | no | | | | | | * | | | |
| 25 PCB 25 | 256 | NotFnd | * | * | * | -0.00068 | | | -0.00068 | * | no | 2.103 | - |
| | TriCB 258 | 13.84 | * | no | | | | | | * | | | |
| 26 PCB 31 | 256 | NotFnd | * | * | * | -0.00065 | | | -0.00065 | * | no | 2.202 | - |
| | TriCB 258 | 14.00 | * | no | | | | | | * | | | |
| 27 PCB 28/20 | 256 | NotFnd | * | * | * | -0.00073 | | | -0.00073 | * | no | 1.971 | - |
| | TriCB 258 | 14.16 | * | no | | | | | | * | | | |
| 28 PCB 21/33 | 256 | NotFnd | * | * | * | -0.00071 | | | -0.00071 | * | no | 2.008 | - |
| | TriCB 258 | 14.26 | * | no | | | | | | * | | | |
| 29 PCB 22 | 256 | NotFnd | * | * | * | -0.00081 | | | -0.00081 | * | no | 1.758 | - |
| | TriCB 258 | 14.46 | * | no | | | | | | * | | | |
| 30 PCB 36 | 256 | NotFnd | * | * | * | -0.00061 | | | -0.00061 | * | no | 2.334 | - |
| | TriCB 258 | 15.29 | * | no | | | | | | * | | | |
| 31 PCB 39 | 256 | NotFnd | * | * | * | -0.00075 | | | -0.00075 | * | no | 1.922 | - |
| | TriCB 258 | 15.51 | * | no | | | | | | * | | | |
| 32 PCB 38 | 256 | NotFnd | * | * | * | -0.00073 | | | -0.00073 | * | no | 1.971 | - |
| | TriCB 258 | 15.86 | * | no | | | | | | * | | | |
| 33 PCB 35 | 256 | NotFnd | * | * | * | -0.00071 | | | -0.00071 | * | no | 2.017 | - |
| | TriCB 258 | 16.13 | * | no | | | | | | * | | | |
| 34 PCB 37 | 256 | 16.37 | 136884 | 1 | 273499 | 0.124775 | PCB 37 % Rec = 125 | | -0.00145 | 412 | no | 0.985 | - |
| | TriCB 258 | 16.37 | 136615 | yes | | | | | | 426 | | | |
| 35 PCB 54 | 290 | 12.87 | 33635 | 0.76 | 78076 | 0.103555 | PCB 54 % Rec = 104 | | -0.00124 | 201 | no | 1.02 | - |
| | TCB 292 | 12.88 | 44441 | yes | | | | | | 202 | | | |
| 36 PCB 53/50 | 290 | NotFnd | * | * | * | -0.00237 | | | -0.00237 | * | no | 0.872 | - |
| | TCB 292 | 13.89 | * | no | | | | | | * | | | |
| 37 PCB 45/51 | 290 | NotFnd | * | * | * | -0.0025 | | | -0.0025 | * | no | 0.826 | - |
| | TCB 292 | 14.24 | * | no | | | | | | * | | | |
| 38 PCB 46 | 290 | NotFnd | * | * | * | -0.00284 | | | -0.00284 | * | no | 0.727 | - |
| | TCB 292 | 14.39 | * | no | | | | | | * | | | |
| 39 PCB 52 | 290 | NotFnd | * | * | * | -0.00228 | | | -0.00228 | * | no | 0.905 | - |
| | TCB 292 | 15.10 | * | no | | | | | | * | | | |
| 40 PCB 73 | 290 | NotFnd | * | * | * | -0.00185 | | | -0.00185 | * | no | 1.116 | - |
| | TCB 292 | 15.18 | * | no | | | | | | * | | | |
| 41 PCB 43 | 290 | NotFnd | * | * | * | -0.00385 | | | -0.00385 | * | no | 0.537 | - |
| | TCB 292 | 15.25 | * | no | | | | | | * | | | |
| 42 PCB 69/49 | 290 | NotFnd | * | * | * | -0.00212 | | | -0.00212 | * | no | 0.976 | - |
| | TCB 292 | 15.37 | * | no | | | | | | * | | | |

| | | | | | | | | | | | | |
|------------------------------|----------|--------|--------|------|--------|----------|---------------------|----------|-----|-------|-------|---|
| 43 PCB 48 | 290 | NotFnd | * | * | * | -0.0027 | -0.0027 | * | no | 0.765 | - | |
| | TCB 292 | 15.55 | * | no | * | | | * | | | | |
| 44 PCB 44/47/65 | 290 | NotFnd | * | * | * | -0.00234 | -0.00234 | * | no | 0.883 | - | |
| | TCB 292 | 15.70 | * | no | * | | | * | | | | |
| 45 PCB 59/62/75 | 290 | NotFnd | * | * | * | -0.00187 | -0.00187 | * | no | 1.105 | - | |
| | TCB 292 | 15.87 | * | no | * | | | * | | | | |
| 46 PCB 42 | 290 | NotFnd | * | * | * | -0.00288 | -0.00288 | * | no | 0.717 | - | |
| | TCB 292 | 15.98 | * | no | * | | | * | | | | |
| 47 PCB 40/41/71 | 290 | NotFnd | * | * | * | -0.00257 | -0.00257 | * | no | 0.803 | - | |
| | TCB 292 | 16.27 | * | no | * | | | * | | | | |
| 48 PCB 64 | 290 | NotFnd | * | * | * | -0.002 | -0.002 | * | no | 1.034 | - | |
| | TCB 292 | 16.41 | * | no | * | | | * | | | | |
| 49 PCB 72 | 290 | NotFnd | * | * | * | -0.00079 | -0.00079 | * | no | 2.019 | - | |
| | TCB 292 | 16.89 | * | no | * | | | * | | | | |
| 50 PCB 68 | 290 | NotFnd | * | * | * | -0.00085 | -0.00085 | * | no | 1.893 | - | |
| | TCB 292 | 17.06 | * | no | * | | | * | | | | |
| 51 PCB 57 | 290 | NotFnd | * | * | * | -0.00082 | -0.00082 | * | no | 1.963 | - | |
| | TCB 292 | 17.35 | * | no | * | | | * | | | | |
| 52 PCB 58 | 290 | NotFnd | * | * | * | -0.00091 | -0.00091 | * | no | 1.762 | - | |
| | TCB 292 | 17.50 | * | no | * | | | * | | | | |
| 53 PCB 67 | 290 | NotFnd | * | * | * | -0.00076 | -0.00076 | * | no | 2.107 | - | |
| | TCB 292 | 17.61 | * | no | * | | | * | | | | |
| 54 PCB 63 | 290 | NotFnd | * | * | * | -0.00079 | -0.00079 | * | no | 2.019 | - | |
| | TCB 292 | 17.77 | * | no | * | | | * | | | | |
| 55 PCB 61/70/74/76 | 290 | NotFnd | * | * | * | -0.00088 | -0.00088 | * | no | 1.816 | - | |
| | TCB 292 | 18.00 | * | no | * | | | * | | | | |
| 56 PCB 66 | 290 | NotFnd | * | * | * | -0.00079 | -0.00079 | * | no | 2.026 | - | |
| | TCB 292 | 18.21 | * | no | * | | | * | | | | |
| 57 PCB 55 | 290 | NotFnd | * | * | * | -0.00095 | -0.00095 | * | no | 1.69 | - | |
| | TCB 292 | 18.34 | * | no | * | | | * | | | | |
| 58 PCB 56 | 290 | NotFnd | * | * | * | -0.00097 | -0.00097 | * | no | 1.654 | - | |
| | TCB 292 | 18.68 | * | no | * | | | * | | | | |
| 59 PCB 60 | 290 | NotFnd | * | * | * | -0.00097 | -0.00097 | * | no | 1.65 | - | |
| | TCB 292 | 18.84 | * | no | * | | | * | | | | |
| 60 PCB 80 | 290 | NotFnd | * | * | * | -0.00074 | -0.00074 | * | no | 2.158 | - | |
| | TCB 292 | 19.09 | * | no | * | | | * | | | | |
| 61 PCB 79 | 290 | NotFnd | * | * | * | -0.00077 | -0.00077 | * | no | 2.095 | - | |
| | TCB 292 | 20.23 | * | no | * | | | * | | | | |
| 62 PCB 78 | 290 | NotFnd | * | * | * | -0.00086 | -0.00086 | * | no | 1.857 | - | |
| | TCB 292 | 20.67 | * | no | * | | | * | | | | |
| 63 PCB 81 | 290 | 21.00 | 99251 | 0.75 | 232542 | 0.122659 | PCB 81 % Rec = 123 | -0.00137 | 260 | no | 1.167 | - |
| | TCB 292 | 20.98 | 133291 | yes | | | | | 267 | | | |
| 64 PCB 77 | 290 | 21.43 | 97693 | 0.76 | 226596 | 0.118871 | PCB 77 % Rec = 119 | -0.00132 | 255 | no | 1.216 | - |
| | TCB 292 | 21.43 | 128903 | yes | | | | | 262 | | | |
| 65 PCB 104 | 326 | 15.65 | 56994 | 1.58 | 93093 | 0.105257 | PCB 104 % Rec = 105 | -0.00594 | 45 | no | 1.188 | - |
| | PeCB 328 | 15.65 | 36098 | yes | | | | | 44 | | | |
| 66 PCB 96 | 326 | NotFnd | * | * | * | -0.01036 | -0.01036 | * | no | 0.682 | - | |
| | PeCB 328 | 15.87 | * | no | * | | | * | | | | |
| 67 PCB 103 | 326 | NotFnd | * | * | * | -0.00114 | -0.00114 | * | no | 0.759 | - | |
| | PeCB 328 | 17.01 | * | no | * | | | * | | | | |
| 68 PCB 94 | 326 | NotFnd | * | * | * | -0.00156 | -0.00156 | * | no | 0.555 | - | |
| | PeCB 328 | 17.15 | * | no | * | | | * | | | | |
| 69 PCB 95 | 326 | NotFnd | * | * | * | -0.00126 | -0.00126 | * | no | 0.687 | - | |
| | PeCB 328 | 17.44 | * | no | * | | | * | | | | |
| 70 PCB 100/93/102/98 | 326 | NotFnd | * | * | * | -0.00139 | -0.00139 | * | no | 0.623 | - | |
| | PeCB 328 | 17.59 | * | no | * | | | * | | | | |
| 71 PCB 88/91 | 326 | NotFnd | * | * | * | -0.00138 | -0.00138 | * | no | 0.627 | - | |
| | PeCB 328 | 17.98 | * | no | * | | | * | | | | |
| 72 PCB 84 | 326 | NotFnd | * | * | * | -0.00158 | -0.00158 | * | no | 0.548 | - | |
| | PeCB 328 | 18.15 | * | no | * | | | * | | | | |
| 73 PCB 89 | 326 | NotFnd | * | * | * | -0.00143 | -0.00143 | * | no | 0.604 | - | |
| | PeCB 328 | 18.48 | * | no | * | | | * | | | | |
| 74 PCB 121 | 326 | NotFnd | * | * | * | -0.00107 | -0.00107 | * | no | 0.81 | - | |
| | PeCB 328 | 18.73 | * | no | * | | | * | | | | |
| 75 PCB 92 | 326 | NotFnd | * | * | * | -0.00136 | -0.00136 | * | no | 0.639 | - | |
| | PeCB 328 | 18.99 | * | no | * | | | * | | | | |
| 76 PCB 113/90/101 | 326 | NotFnd | * | * | * | -0.00121 | -0.00121 | * | no | 0.716 | - | |
| | PeCB 328 | 19.40 | * | no | * | | | * | | | | |
| 77 PCB 83/99 | 326 | NotFnd | * | * | * | -0.00149 | -0.00149 | * | no | 0.581 | - | |
| | PeCB 328 | 19.84 | * | no | * | | | * | | | | |
| 78 PCB 112 | 326 | NotFnd | * | * | * | -0.001 | -0.001 | * | no | 0.863 | - | |
| | PeCB 328 | 19.95 | * | no | * | | | * | | | | |
| 79 PCB 109/119/86/97/125/326 | 326 | NotFnd | * | * | * | -0.00121 | -0.00121 | * | no | 0.714 | - | |
| | PeCB 328 | 20.23 | * | no | * | | | * | | | | |
| 80 PCB 117/116/85 | 326 | NotFnd | * | * | * | -0.00111 | -0.00111 | * | no | 0.778 | - | |
| | PeCB 328 | 20.81 | * | no | * | | | * | | | | |
| 81 PCB 110/115 | 326 | NotFnd | * | * | * | -0.00125 | -0.00125 | * | no | 0.694 | - | |
| | PeCB 328 | 20.92 | * | no | * | | | * | | | | |
| 82 PCB 82 | 326 | NotFnd | * | * | * | -0.0016 | -0.0016 | * | no | 0.542 | - | |
| | PeCB 328 | 21.17 | * | no | * | | | * | | | | |
| 83 PCB 111 | 326 | NotFnd | * | * | * | -0.00112 | -0.00112 | * | no | 0.772 | - | |
| | PeCB 328 | 21.45 | * | no | * | | | * | | | | |
| 84 PCB 120 | 326 | NotFnd | * | * | * | -0.00099 | -0.00099 | * | no | 0.877 | - | |
| | PeCB 328 | 21.82 | * | no | * | | | * | | | | |
| 85 PCB 108/124 | 326 | NotFnd | * | * | * | -0.00103 | -0.00103 | * | no | 1.488 | - | |
| | PeCB 328 | 22.73 | * | no | * | | | * | | | | |
| 86 PCB 107 | 326 | NotFnd | * | * | * | -0.00092 | -0.00092 | * | no | 1.663 | - | |
| | PeCB 328 | 22.94 | * | no | * | | | * | | | | |
| 87 PCB 123 | 326 | 23.05 | 124735 | 1.49 | 208360 | 0.126552 | PCB 123 % Rec = 127 | -0.00162 | 236 | no | 0.947 | - |
| | PeCB 328 | 23.06 | 83625 | yes | | | | | 246 | | | |
| 88 PCB 106 | 326 | NotFnd | * | * | * | -0.00104 | -0.00104 | * | no | 1.465 | - | |
| | PeCB 328 | 23.17 | * | no | * | | | * | | | | |
| 89 PCB 118 | 326 | 23.34 | 135619 | 1.5 | 225831 | 0.128848 | PCB 118 % Rec = 129 | -0.00147 | 258 | no | 1.042 | - |
| | PeCB 328 | 23.35 | 90213 | yes | | | | | 262 | | | |

| | | | | | | | | | | | | |
|---------------------|----------|--------|--------|------|--------|----------|-------------------------|----------|-----|----|-------|---|
| 90 PCB 122 | 326 | NotFnd | * | * | * | -0.00108 | | -0.00108 | * | no | 1.418 | - |
| | PeCB 328 | 23.63 | * | no | | | | | * | | | |
| 91 PCB 114 | 326 | 23.80 | 126238 | 1.51 | 209718 | 0.120176 | PCB 114 % Rec = 120 | -0.00142 | 238 | no | 1.076 | - |
| | PeCB 328 | 23.80 | 83480 | yes | | | | | 243 | | | |
| 92 PCB 105 | 326 | 24.36 | 130596 | 1.53 | 215939 | 0.123331 | PCB 105 % Rec = 123 | -0.00147 | 236 | no | 1.04 | - |
| | PeCB 328 | 24.39 | 85343 | yes | | | | | 239 | | | |
| 93 PCB 127 | 326 | NotFnd | * | * | * | -0.00097 | | -0.00097 | * | no | 1.583 | - |
| | PeCB 328 | 25.66 | * | no | | | | | * | | | |
| 94 PCB 126 | 326 | 27.17 | 121635 | 1.56 | 199427 | 0.123751 | PCB 126 % Rec = 124 | -0.00148 | 207 | no | 1.037 | - |
| | PeCB 328 | 27.18 | 77792 | yes | | | | | 209 | | | |
| 95 PCB 155 | 360 | 19.26 | 54697 | 1.26 | 98147 | 0.103337 | PCB 155 % Rec = 103 | -0.00066 | 397 | no | 1.079 | - |
| | HxCB 362 | 19.26 | 43450 | yes | | | | | 386 | | | |
| 96 PCB 152 | 360 | NotFnd | * | * | * | -0.00104 | | -0.00104 | * | no | 0.686 | - |
| | HxCB 362 | 19.42 | * | no | | | | | * | | | |
| 97 PCB 150 | 360 | NotFnd | * | * | * | -0.00117 | | -0.00117 | * | no | 0.606 | - |
| | HxCB 362 | 19.53 | * | no | | | | | * | | | |
| 98 PCB 136 | 360 | NotFnd | * | * | * | -0.00108 | | -0.00108 | * | no | 0.659 | - |
| | HxCB 362 | 19.80 | * | no | | | | | * | | | |
| 99 PCB 145 | 360 | NotFnd | * | * | * | -0.00125 | | -0.00125 | * | no | 0.57 | - |
| | HxCB 362 | 20.03 | * | no | | | | | * | | | |
| 100 PCB 148 | 360 | NotFnd | * | * | * | -0.00145 | | -0.00145 | * | no | 0.491 | - |
| | HxCB 362 | 21.13 | * | no | | | | | * | | | |
| 101 PCB 151/135 | 360 | NotFnd | * | * | * | -0.00161 | | -0.00161 | * | no | 0.442 | - |
| | HxCB 362 | 21.63 | * | no | | | | | * | | | |
| 102 PCB 154 | 360 | NotFnd | * | * | * | -0.00135 | | -0.00135 | * | no | 0.528 | - |
| | HxCB 362 | 21.82 | * | no | | | | | * | | | |
| 103 PCB 144 | 360 | NotFnd | * | * | * | -0.00151 | | -0.00151 | * | no | 0.469 | - |
| | HxCB 362 | 22.06 | * | no | | | | | * | | | |
| 104 PCB 147/149 | 360 | NotFnd | * | * | * | -0.00108 | | -0.00108 | * | no | 0.665 | - |
| | HxCB 362 | 22.36 | * | no | | | | | * | | | |
| 105 PCB 134/143 | 360 | NotFnd | * | * | * | -0.00121 | | -0.00121 | * | no | 0.593 | - |
| | HxCB 362 | 22.61 | * | no | | | | | * | | | |
| 106 PCB 139/140 | 360 | NotFnd | * | * | * | -0.00108 | | -0.00108 | * | no | 0.666 | - |
| | HxCB 362 | 22.88 | * | no | | | | | * | | | |
| 107 PCB 131 | 360 | NotFnd | * | * | * | -0.00133 | | -0.00133 | * | no | 0.54 | - |
| | HxCB 362 | 23.06 | * | no | | | | | * | | | |
| 108 PCB 142 | 360 | NotFnd | * | * | * | -0.00119 | | -0.00119 | * | no | 0.803 | - |
| | HxCB 362 | 23.19 | * | no | | | | | * | | | |
| 109 PCB 132 | 360 | NotFnd | * | * | * | -0.00136 | | -0.00136 | * | no | 0.528 | - |
| | HxCB 362 | 23.44 | * | no | | | | | * | | | |
| 110 PCB 133 | 360 | NotFnd | * | * | * | -0.00114 | | -0.00114 | * | no | 0.629 | - |
| | HxCB 362 | 23.84 | * | no | | | | | * | | | |
| 111 PCB 165 | 360 | NotFnd | * | * | * | -0.00097 | | -0.00097 | * | no | 0.735 | - |
| | HxCB 362 | 24.17 | * | no | | | | | * | | | |
| 112 PCB 146 | 360 | NotFnd | * | * | * | -0.001 | | -0.001 | * | no | 0.715 | - |
| | HxCB 362 | 24.40 | * | no | | | | | * | | | |
| 113 PCB 161 | 360 | NotFnd | * | * | * | -0.00083 | | -0.00083 | * | no | 0.864 | - |
| | HxCB 362 | 24.52 | * | no | | | | | * | | | |
| 114 PCB 153/168 | 360 | NotFnd | * | * | * | -0.00091 | | -0.00091 | * | no | 0.783 | - |
| | HxCB 362 | 24.98 | * | no | | | | | * | | | |
| 115 PCB 141 | 360 | NotFnd | * | * | * | -0.00111 | | -0.00111 | * | no | 0.648 | - |
| | HxCB 362 | 25.13 | * | no | | | | | * | | | |
| 116 PCB 130 | 360 | NotFnd | * | * | * | -0.00123 | | -0.00123 | * | no | 0.581 | - |
| | HxCB 362 | 25.50 | * | no | | | | | * | | | |
| 117 PCB 137 | 360 | NotFnd | * | * | * | -0.00124 | | -0.00124 | * | no | 0.577 | - |
| | HxCB 362 | 25.70 | * | no | | | | | * | | | |
| 118 PCB 164 | 360 | NotFnd | * | * | * | -0.0009 | | -0.0009 | * | no | 0.796 | - |
| | HxCB 362 | 25.82 | * | no | | | | | * | | | |
| 119 PCB 138/163/129 | 360 | NotFnd | * | * | * | -0.00109 | | -0.00109 | * | no | 0.657 | - |
| | HxCB 362 | 26.11 | * | no | | | | | * | | | |
| 120 PCB 160 | 360 | NotFnd | * | * | * | -0.00103 | | -0.00103 | * | no | 0.695 | - |
| | HxCB 362 | 26.28 | * | no | | | | | * | | | |
| 121 PCB 158 | 360 | NotFnd | * | * | * | -0.00082 | | -0.00082 | * | no | 0.872 | - |
| | HxCB 362 | 26.46 | * | no | | | | | * | | | |
| 122 PCB 128/166 | 360 | NotFnd | * | * | * | -0.00102 | | -0.00102 | * | no | 0.7 | - |
| | HxCB 362 | 27.27 | * | no | | | | | * | | | |
| 123 PCB 159 | 360 | NotFnd | * | * | * | -0.00066 | | -0.00066 | * | no | 1.501 | - |
| | HxCB 362 | 28.25 | * | no | | | | | * | | | |
| 124 PCB 162 | 360 | NotFnd | * | * | * | -0.00074 | | -0.00074 | * | no | 1.338 | - |
| | HxCB 362 | 28.51 | * | no | | | | | * | | | |
| 125 PCB 167 | 360 | 29.00 | 119544 | 1.2 | 219279 | 0.125201 | PCB 167 % Rec = 125 | -0.00104 | 404 | no | 0.951 | - |
| | HxCB 362 | 29.01 | 99735 | yes | | | | | 421 | | | |
| 126 PCB 156/157 | 360 | 30.15 | 242891 | 1.22 | 441650 | 0.254137 | PCB 156/157 % Rec = 127 | -0.00096 | 667 | no | 1.036 | - |
| | HxCB 362 | 30.16 | 198759 | yes | | | | | 672 | | | |
| 127 PCB 169 | 360 | 33.51 | 79694 | 1.19 | 146536 | 0.121407 | PCB 169 % Rec = 121 | -0.00102 | 249 | no | 0.973 | - |
| | HxCB 362 | 33.53 | 66842 | yes | | | | | 257 | | | |
| 128 PCB 188 | 394 | 23.78 | 52085 | 1.07 | 100951 | 0.105595 | PCB 188 % Rec = 106 | -0.00252 | 110 | no | 1.053 | - |
| | HpCB 396 | 23.79 | 48866 | yes | | | | | 108 | | | |
| 129 PCB 179 | 394 | NotFnd | * | * | * | -0.0027 | | -0.0027 | * | no | 0.98 | - |
| | HpCB 396 | 24.07 | * | no | | | | | * | | | |
| 130 PCB 184 | 394 | NotFnd | * | * | * | -0.00293 | | -0.00293 | * | no | 0.904 | - |
| | HpCB 396 | 24.57 | * | no | | | | | * | | | |
| 131 PCB 176 | 394 | NotFnd | * | * | * | -0.00282 | | -0.00282 | * | no | 0.939 | - |
| | HpCB 396 | 24.88 | * | no | | | | | * | | | |
| 132 PCB 186 | 394 | NotFnd | * | * | * | -0.00322 | | -0.00322 | * | no | 0.822 | - |
| | HpCB 396 | 25.28 | * | no | | | | | * | | | |
| 133 PCB 178 | 394 | NotFnd | * | * | * | -0.004 | | -0.004 | * | no | 0.663 | - |
| | HpCB 396 | 26.54 | * | no | | | | | * | | | |
| 134 PCB 175 | 394 | NotFnd | * | * | * | -0.00381 | | -0.00381 | * | no | 0.695 | - |
| | HpCB 396 | 27.14 | * | no | | | | | * | | | |
| 135 PCB 187 | 394 | 27.38 | 39301 | 1.05 | 76870 | 0.108859 | PCB 187 % Rec = 109 | -0.00409 | 77 | no | 0.647 | - |
| | HpCB 396 | 27.40 | 37568 | yes | | | | | 78 | | | |
| 136 PCB 182 | 394 | 27.58 | 38694 | 1.05 | 75561 | 0.102952 | PCB 182 % Rec = 103 | -0.00394 | 74 | no | 0.673 | - |
| | HpCB 396 | 27.61 | 36867 | yes | | | | | 76 | | | |

| | | | | | | | | | | | | |
|-------------------|----------|--------|--------|------|--------|----------|------------------------|----------|------|-----|-------|-----|
| 137 PCB 183 | 394 | NotFnd | * | * | * | -0.00107 | | -0.00107 | * | no | 1.138 | - |
| | HpCB 396 | 27.96 | * | no | * | | | | * | | | |
| 138 PCB 185 | 394 | NotFnd | * | * | * | -0.00164 | | -0.00164 | * | no | 0.743 | - |
| | HpCB 396 | 28.06 | * | no | * | | | | * | | | |
| 139 PCB 174 | 394 | NotFnd | * | * | * | -0.00141 | | -0.00141 | * | no | 0.867 | - |
| | HpCB 396 | 28.18 | * | no | * | | | | * | | | |
| 140 PCB 177 | 394 | NotFnd | * | * | * | -0.00139 | | -0.00139 | * | no | 0.874 | - |
| | HpCB 396 | 28.66 | * | no | * | | | | * | | | |
| 141 PCB 181 | 394 | NotFnd | * | * | * | -0.00143 | | -0.00143 | * | no | 0.85 | - |
| | HpCB 396 | 29.03 | * | no | * | | | | * | | | |
| 142 PCB 171/173 | 394 | NotFnd | * | * | * | -0.00139 | | -0.00139 | * | no | 0.875 | - |
| | HpCB 396 | 29.26 | * | no | * | | | | * | | | |
| 143 PCB 172 | 394 | NotFnd | * | * | * | -0.00141 | | -0.00141 | * | no | 0.866 | - |
| | HpCB 396 | 30.90 | * | no | * | | | | * | | | |
| 144 PCB 192 | 394 | NotFnd | * | * | * | -0.00124 | | -0.00124 | * | no | 0.979 | - |
| | HpCB 396 | 31.21 | * | no | * | | | | * | | | |
| 145 PCB 193/180 | 394 | 31.58 | 49944 | 0.99 | 100327 | 0.087075 | PCB 193/180 % Rec = 87 | -0.00091 | 213 | no | 1.333 | - |
| | HpCB 396 | 31.56 | 50383 | yes | * | | | | 222 | | | |
| 146 PCB 191 | 394 | NotFnd | * | * | * | -0.00106 | | -0.00106 | * | no | 1.152 | - |
| | HpCB 396 | 31.94 | * | no | * | | | | * | | | |
| 147 PCB 170 | 394 | 32.88 | 49264 | 1.04 | 96396 | 0.108302 | PCB 170 % Rec = 108 | -0.00101 | 201 | yes | 1.206 | - |
| | HpCB 396 | 32.90 | 47132 | yes | * | | | | 201 | | | |
| 148 PCB 190 | 394 | NotFnd | * | * | * | -0.00112 | | -0.00112 | * | no | 1.089 | - |
| | HpCB 396 | 33.46 | * | no | * | | | | * | | | |
| 149 PCB 189 | 394 | 36.27 | 98431 | 1 | 196887 | 0.116597 | PCB 189 % Rec = 117 | -0.0008 | 369 | no | 0.91 | - |
| | HpCB 396 | 36.29 | 98456 | yes | * | | | | 379 | | | |
| 150 PCB 202 | 428 | 28.76 | 46933 | 0.93 | 95133 | 0.104305 | PCB 202 % Rec = 104 | -0.00138 | 224 | no | 1.08 | - |
| | OcCB 430 | 28.75 | 49200 | yes | * | | | | 211 | | | |
| 151 PCB 201 | 428 | NotFnd | * | * | * | -0.00137 | | -0.00137 | * | no | 1.088 | - |
| | OcCB 430 | 29.67 | * | no | * | | | | * | | | |
| 152 PCB 204 | 428 | NotFnd | * | * | * | -0.00138 | | -0.00138 | * | no | 1.08 | - |
| | OcCB 430 | 30.36 | * | no | * | | | | * | | | |
| 153 PCB 197 | 428 | NotFnd | * | * | * | -0.00169 | | -0.00169 | * | no | 0.88 | - |
| | OcCB 430 | 30.59 | * | no | * | | | | * | | | |
| 154 PCB 200 | 428 | NotFnd | * | * | * | -0.00131 | | -0.00131 | * | no | 1.141 | - |
| | OcCB 430 | 30.71 | * | no | * | | | | * | | | |
| 155 PCB 198/199 | 428 | NotFnd | * | * | * | -0.00216 | | -0.00216 | * | no | 0.891 | - |
| | OcCB 430 | 33.61 | * | no | * | | | | * | | | |
| 156 PCB 196 | 428 | NotFnd | * | * | * | -0.00203 | | -0.00203 | * | no | 0.736 | - |
| | OcCB 430 | 34.35 | * | no | * | | | | * | | | |
| 157 PCB 203 | 428 | NotFnd | * | * | * | -0.00209 | | -0.00209 | * | no | 0.712 | - |
| | OcCB 430 | 34.54 | * | no | * | | | | * | | | |
| 158 PCB 195 | 428 | NotFnd | * | * | * | -0.0023 | | -0.0023 | * | no | 1.012 | - |
| | OcCB 430 | 35.99 | * | no | * | | | | * | | | |
| 159 PCB 194 | 428 | NotFnd | * | * | * | -0.00219 | | -0.00219 | * | no | 1.061 | - |
| | OcCB 430 | 38.61 | * | no | * | | | | * | | | |
| 160 PCB 205 | 428 | 39.14 | 59989 | 0.92 | 125145 | 0.117278 | PCB 205 % Rec = 117 | -0.00217 | 136 | no | 1.071 | - |
| | OcCB 430 | 39.16 | 65156 | yes | * | | | | 132 | | | |
| 161 PCB 208 | 462 | 35.74 | 39731 | 0.75 | 92989 | 0.108042 | PCB 208 % Rec = 108 | -0.00194 | 134 | no | 1.082 | - |
| | NoCB 464 | 35.75 | 53259 | yes | * | | | | 142 | | | |
| 162 PCB 207 | 462 | NotFnd | * | * | * | -0.00158 | | -0.00158 | * | no | 1.324 | - |
| | NoCB 464 | 36.79 | * | no | * | | | | * | | | |
| 163 PCB 206 | 462 | 41.14 | 30467 | 0.8 | 68679 | 0.107846 | PCB 206 % Rec = 108 | -0.00195 | 102 | no | 1.077 | - |
| | NoCB 464 | 41.10 | 38212 | yes | * | | | | 97 | | | |
| 164 PCB 209 | 498 | 42.99 | 34477 | 1.22 | 62690 | 0.101534 | PCB 209 % Rec = 102 | -0.00118 | 227 | no | 1.024 | - |
| | DCB 600 | 43.01 | 28213 | yes | * | | | | 216 | | | |
| 165 PCB 1L | 200 | 8.83 | 206266 | 3.39 | 267038 | 0.149547 | | 0 | 2870 | no | 0.821 | 75 |
| | 202 | 8.83 | 60772 | yes | * | | | | 588 | | | |
| 166 PCB 3L | 200 | 10.01 | 193302 | 3.47 | 249057 | 0.138385 | | 0 | 2725 | no | 0.828 | 69 |
| | 202 | 10.01 | 55755 | yes | * | | | | 558 | | | |
| 167 PCB 4L | 234 | 10.13 | 64913 | 1.62 | 105067 | 0.17162 | | 0.001 | 692 | no | 0.282 | 86 |
| | 236 | 10.11 | 40154 | yes | * | | | | 1289 | | | |
| 168 PCB 15L | 234 | 12.71 | 274213 | 1.71 | 434326 | 0.187774 | | 0 | 888 | no | 1.064 | 94 |
| | 236 | 12.73 | 160114 | yes | * | | | | 1772 | | | |
| 169 PCB 19L | 268 | 11.49 | 65709 | 1.01 | 130947 | 0.174462 | | 0.006 | 118 | no | 0.345 | 87 |
| | 270 | 11.49 | 65236 | yes | * | | | | 65 | | | |
| 170 PCB 37L | 268 | 16.36 | 228733 | 1.06 | 444981 | 0.18251 | | 0.002 | 399 | no | 2.614 | 91 |
| | 270 | 16.36 | 216247 | yes | * | | | | 229 | | | |
| 171 PCB 54L | 302 | 12.85 | 64236 | 0.77 | 147874 | 0.209141 | | 0.001 | 379 | no | 0.758 | 105 |
| | 304 | 12.85 | 83639 | yes | * | | | | 948 | | | |
| 172 PCB 81L | 302 | 20.98 | 144349 | 0.8 | 324946 | 0.1857 | | 0 | 750 | no | 1.876 | 93 |
| | 304 | 20.98 | 180597 | yes | * | | | | 1647 | | | |
| 173 PCB 77L | 302 | 21.41 | 139851 | 0.81 | 313555 | 0.186878 | | 0 | 738 | no | 1.799 | 93 |
| | 304 | 21.43 | 173704 | yes | * | | | | 1593 | | | |
| 174 PCB 104L | 338 | 15.63 | 91405 | 1.59 | 148937 | 0.201758 | | 0 | 7642 | no | 0.967 | 101 |
| | 340 | 15.62 | 57532 | yes | * | | | | 2564 | | | |
| 175 PCB 123L | 338 | 23.03 | 218393 | 1.69 | 347536 | 0.198464 | | 0 | 1431 | no | 2.293 | 99 |
| | 340 | 23.03 | 129143 | yes | * | | | | 1785 | | | |
| 176 PCB 118L | 338 | 23.30 | 211724 | 1.7 | 336393 | 0.199954 | | 0 | 1362 | no | 2.203 | 100 |
| | 340 | 23.30 | 124669 | yes | * | | | | 1696 | | | |
| 177 PCB 114L | 338 | 23.78 | 202484 | 1.66 | 324445 | 0.207336 | | 0 | 1309 | no | 2.049 | 104 |
| | 340 | 23.78 | 121961 | yes | * | | | | 1681 | | | |
| 178 PCB 105L | 338 | 24.34 | 209386 | 1.65 | 336607 | 0.208525 | | 0 | 1328 | no | 2.114 | 104 |
| | 340 | 24.34 | 127220 | yes | * | | | | 1682 | | | |
| 179 PCB 126L | 338 | 27.16 | 194397 | 1.67 | 310852 | 0.196002 | | 0 | 1191 | no | 2.077 | 98 |
| | 340 | 27.15 | 116456 | yes | * | | | | 1482 | | | |
| 180 PCB 155L | 372 | 19.25 | 99511 | 1.3 | 176014 | 0.205372 | | 0 | 3157 | no | 1.056 | 103 |
| | 374 | 19.24 | 76502 | yes | * | | | | 2270 | | | |
| 181 PCB 167L | 372 | 28.98 | 208879 | 1.31 | 368294 | 0.200094 | | 0 | 1665 | no | 2.269 | 100 |
| | 374 | 28.99 | 159415 | yes | * | | | | 1401 | | | |
| 182 PCB 156L/157L | 372 | 30.13 | 386370 | 1.36 | 671059 | 0.398662 | | 0 | 2504 | no | 2.075 | 100 |
| | 374 | 30.14 | 284688 | yes | * | | | | 2066 | | | |
| 183 PCB 169L | 372 | 33.50 | 140017 | 1.3 | 248042 | 0.142693 | | 0 | 1076 | no | 2.142 | 71 |
| | 374 | 33.47 | 108025 | yes | * | | | | 935 | | | |

| | | | | | | | | | | | | | | |
|-----------------------|-----|--------|---------|------|----------|----------|-------|----------|-----|-------|-----|--|--|--|
| 184 PCB 188L | 406 | 23.76 | 94277 | 1.08 | 181515 | 0.202753 | | | | | | | | |
| | 408 | 23.75 | 87238 | yes | | | 0 | 2543 | no | 1.103 | 101 | | | |
| | | | | | | | | 2153 | | | | | | |
| 185 PCB 180L | 406 | 31.56 | 90545 | 1.1 | 172846 | 0.195742 | | | | | | | | |
| | 408 | 31.56 | 82301 | yes | | | 0 | 2642 | yes | 1.219 | 98 | | | |
| | | | | | | | | 2581 | | | | | | |
| 186 PCB 170L | 406 | 32.87 | 75221 | 1.04 | 147654 | 0.186572 | | | | | | | | |
| | 408 | 32.87 | 72433 | yes | | | 0 | 2120 | no | 1.093 | 93 | | | |
| | | | | | | | | 2122 | | | | | | |
| 187 PCB 189L | 406 | 36.25 | 193024 | 1.09 | 370967 | 0.211408 | | | | | | | | |
| | 408 | 36.23 | 177943 | yes | | | 0 | 1383 | no | 2.422 | 106 | | | |
| | | | | | | | | 1655 | | | | | | |
| 188 PCB 202L | 440 | 28.73 | 80962 | 0.92 | 169952 | 0.195962 | | | | | | | | |
| | 442 | 28.71 | 87990 | yes | | | 0 | 1684 | no | 1.19 | 98 | | | |
| | | | | | | | | 2369 | | | | | | |
| 189 PCB 205L | 440 | 39.12 | 94700 | 0.91 | 199252 | 0.186161 | | | | | | | | |
| | 442 | 39.12 | 104552 | yes | | | 0 | 2159 | no | 1.478 | 93 | | | |
| | | | | | | | | 2315 | | | | | | |
| 190 PCB 208L | 474 | 35.72 | 70021 | 0.79 | 159098 | 0.189482 | | | | | | | | |
| | 476 | 35.73 | 89077 | yes | | | 0 | 848 | no | 1.159 | 95 | | | |
| | | | | | | | | 2310 | | | | | | |
| 191 PCB 206L | 474 | 41.10 | 52491 | 0.8 | 118259 | 0.200534 | | | | | | | | |
| | 476 | 41.09 | 65768 | yes | | | 0.001 | 618 | no | 0.814 | 100 | | | |
| | | | | | | | | 1616 | | | | | | |
| 192 PCB 209L | 510 | 42.96 | 65228 | 1.18 | 120593 | 0.220586 | | | | | | | | |
| | 512 | 42.94 | 55366 | yes | | | 0 | 79326 | no | 0.755 | 110 | | | |
| | | | | | | | | 4222 | | | | | | |
| 193 PCB 28L | 268 | 14.15 | 281522 | 1.12 | 532424 | 0.205317 | | | | | | | | |
| PCB Cleanup Standard | 270 | 14.15 | 250902 | yes | | | 0.002 | 533 | no | 2.78 | 92 | | | |
| 194 PCB 111L | 338 | 21.41 | 138794 | 1.6 | 225569 | 0.221728 | | | | | | | | |
| PCB Cleanup Standard | 340 | 21.42 | 86775 | yes | | | 0 | 1985 | no | 1.332 | 100 | | | |
| 195 PCB 178L | 406 | 26.50 | 65307 | 1.06 | 127115 | 0.24085 | | | | | | | | |
| PCB Cleanup Standard | 408 | 26.49 | 61809 | yes | | | 0 | 1717 | no | 0.65 | 108 | | | |
| | 268 | NotFnd | * | * | * | | | 1454 | | | | | | |
| 196 PCB 31L | 270 | 13.99 | * | no | | | 0.002 | | no | 2.775 | | | | |
| PCB Audit Standard | 338 | NotFnd | * | * | * | | | | | | | | | |
| 197 PCB 95L | 340 | 17.41 | * | no | | | 0 | | no | 0.967 | | | | |
| PCB Audit Standard | 372 | NotFnd | * | * | * | | | | | | | | | |
| 198 PCB 153L | 374 | 24.92 | * | no | | | 0 | | no | 1.191 | | | | |
| PCB Audit Standard | 234 | 11.03 | 1520583 | 1.7 | 2415506 | 9.335641 | | | | | | | | |
| 199 PCB 9L | 236 | 11.03 | 894924 | yes | | | - | 5132 | no | - | - | | | |
| PCB Recovery Standard | 302 | 15.08 | 461574 | 0.8 | 1036394 | 10.53088 | | 10204 | | | | | | |
| 200 PCB 52L | 304 | 15.08 | 574820 | yes | | | - | 2663 | no | - | - | | | |
| PCB Recovery Standard | 338 | 19.38 | 527707 | 1.64 | 848480 | 10.33611 | | 8816 | | | | | | |
| 201 PCB 101L | 340 | 19.40 | 320772 | yes | | | - | 7954 | no | - | - | | | |
| PCB Recovery Standard | 372 | 26.07 | 505495 | 1.28 | 901408 | 10.82144 | | 8182 | | | | | | |
| 202 PCB 138L | 374 | 26.09 | 395913 | yes | | | - | 17718 | yes | - | - | | | |
| PCB Recovery Standard | 440 | 38.58 | 382467 | 0.91 | 804764 | 11.02162 | | 11854 | | | | | | |
| 203 PCB 194L | 442 | 38.61 | 422297 | yes | | | - | 8795 | no | - | - | | | |
| PCB Recovery Standard | | | | | | | | 9439 | | | | | | |
| Chlorobiphenyls | | | | | 0.250734 | | 2 | -0.00062 | | | | | | |
| Dichlorobiphenyls | | | | | 0.228603 | | 2 | -0.01443 | | | | | | |
| Trichlorobiphenyls | | | | | 0.41272 | | 4 | -0.00273 | | | | | | |
| Tetrachlorobiphenyls | | | | | 0.345085 | | 3 | -0.00385 | | | | | | |
| Pentachlorobiphenyls | | | | | 0.727915 | | 6 | -0.01036 | | | | | | |
| Hexachlorobiphenyls | | | | | 0.604082 | | 4 | -0.00161 | | | | | | |
| Heptachlorobiphenyls | | | | | 0.62938 | | 6 | -0.00409 | | | | | | |
| Octachlorobiphenyls | | | | | 0.221583 | | 2 | -0.0023 | | | | | | |
| Nonachlorobiphenyls | | | | | 0.215888 | | 2 | -0.00195 | | | | | | |
| Decachlorobiphenyl | | | | | 0.101534 | | 1 | -0.00118 | | | | | | |
| PCB (total) | | | | | 3.737524 | | | | | | | | | |

Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Tuesday, December 06, 2016 4:53:45 PM

Printed: Tuesday, December 06, 2016 4:55:14 PM

Method: C:\MassLynx\Default.PRO\MethDB\EPA 1668_M2161205B.mdb 06 Dec 2016 10:41:10

Calibration: C:\MassLynx\Default.pro\Curvedb\m2161205B_209.cdb 06 Dec 2016 10:53:58

Description: SPIKE:D1

Vial: 4

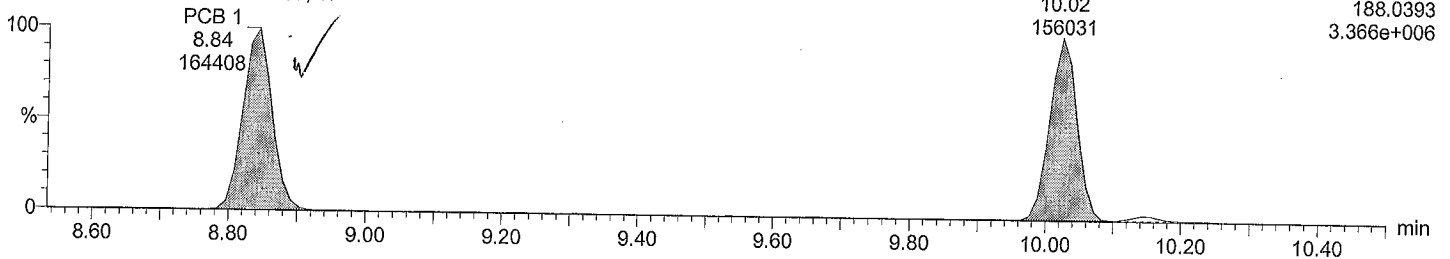
Date: 05-Dec-2016

Time: 22:09:43

Instrument:

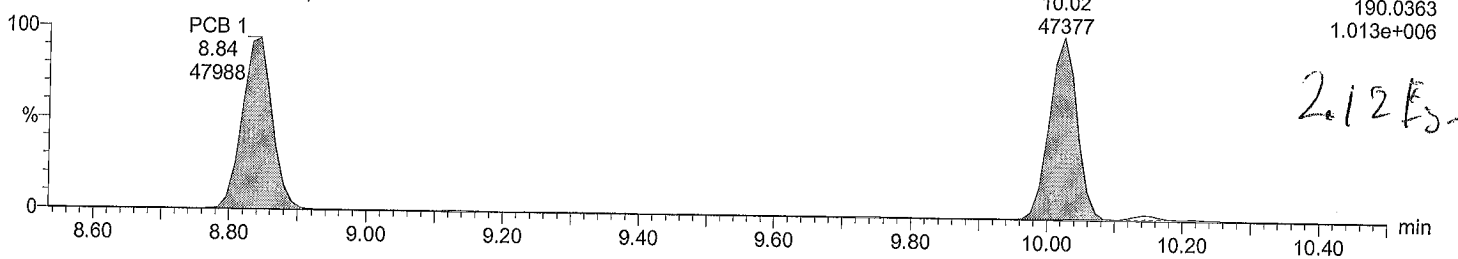
Total MoCB F1

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SPIKE:D1 WS#4779396/4767897, TI



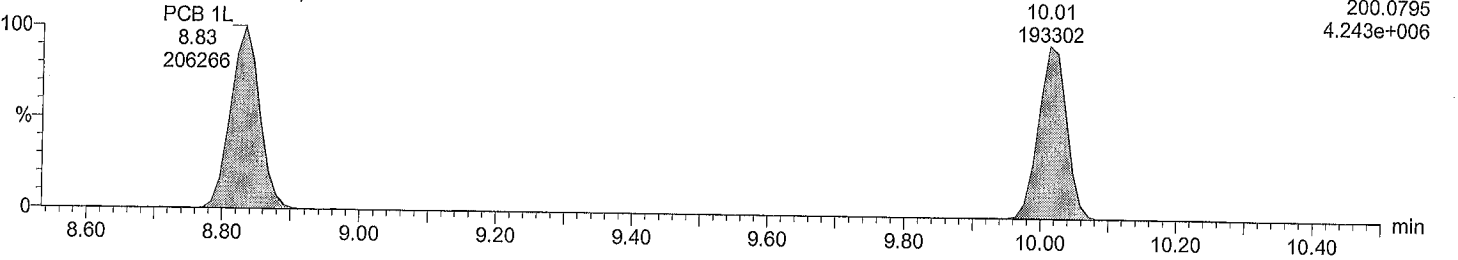
Total MoCB F1

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI



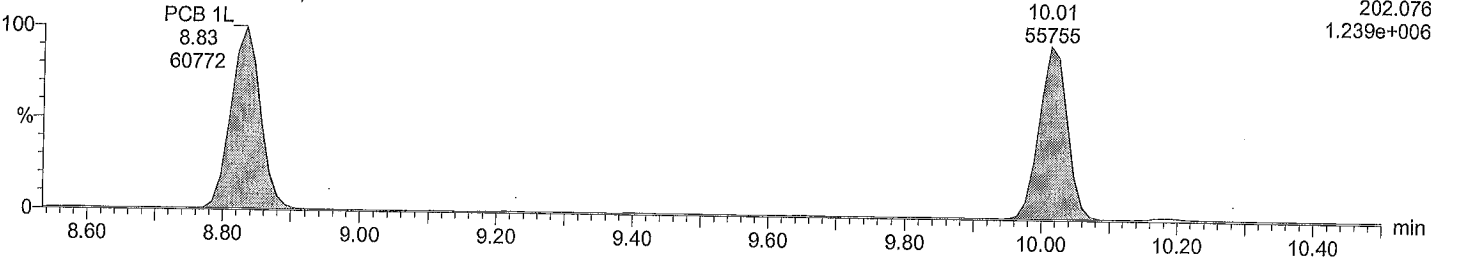
Total MoCB labeled F1

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI



Total MoCB labeled F1

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

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Printed: Tuesday, December 06, 2016 4:55:14 PM

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Vial: 4

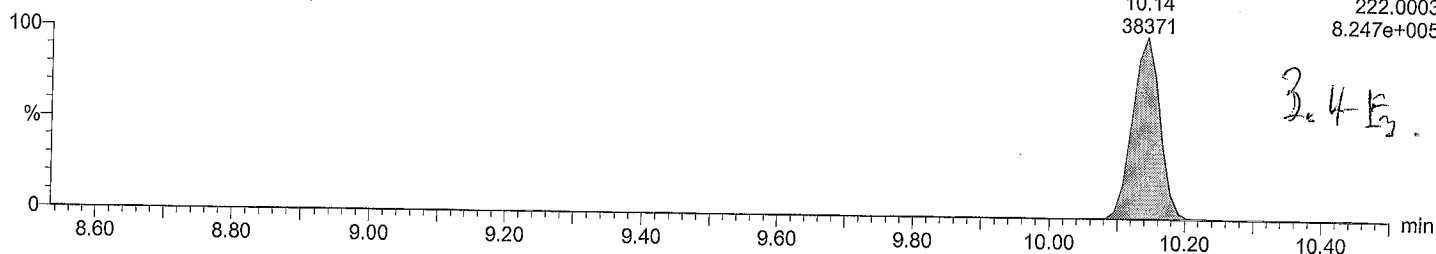
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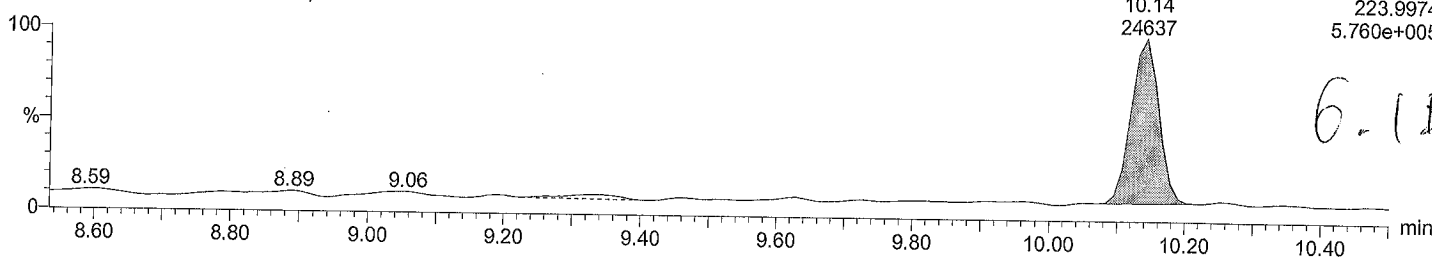
Total DiCB F1

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SPIKE:D1 WS#4779396/4767897, TI



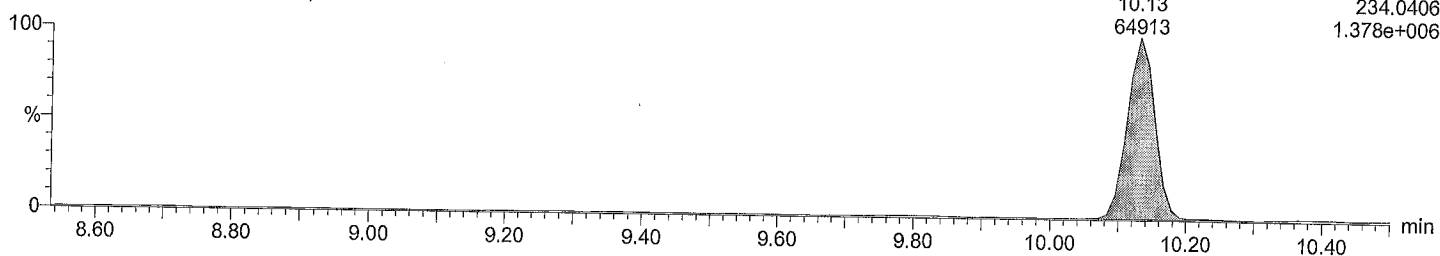
Total DiCB F1

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI



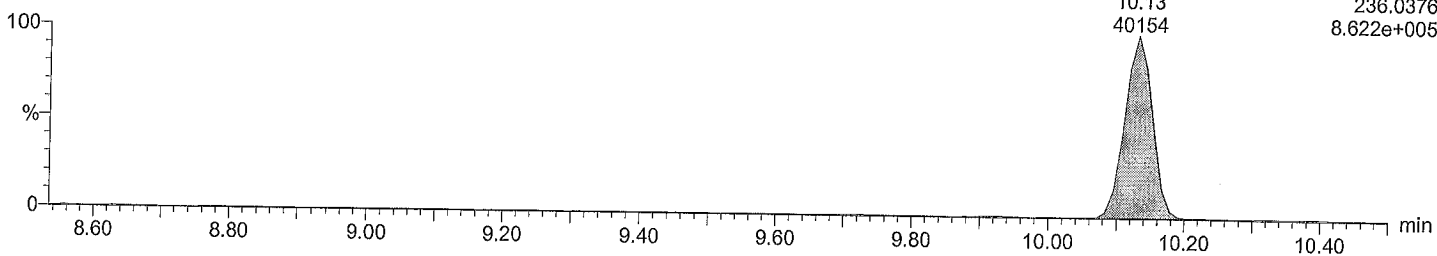
Total DiCB labeled F1

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI



Total DiCB labeled F1

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

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Printed: Tuesday, December 06, 2016 4:55:14 PM

Description: SPIKE:D1

Vial: 4

Date: 05-Dec-2016

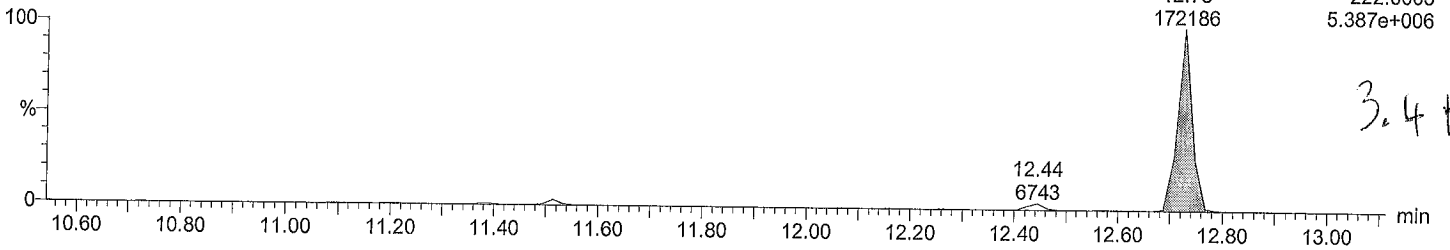
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Instrument:

Total DiCB F2

M2161205B04

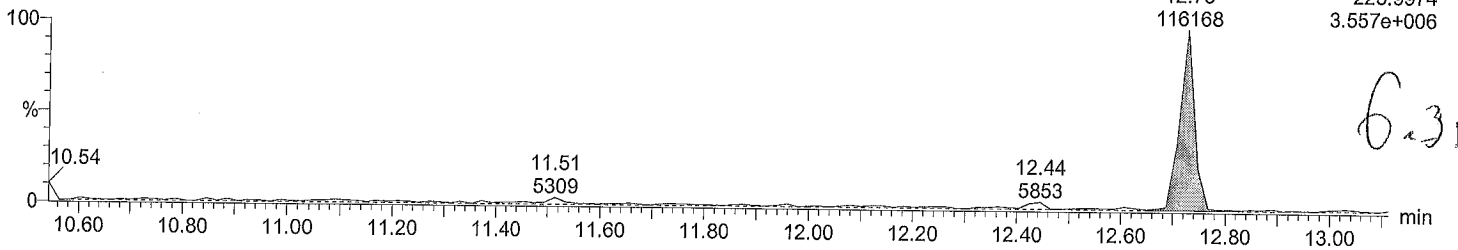
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Total DiCB F2

M2161205B04

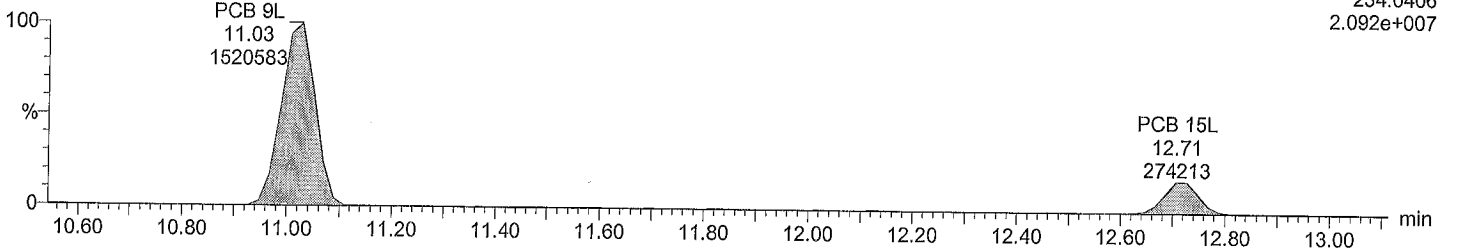
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Total DiCB labeled F2

M2161205B04 Smooth(SG,3x1)

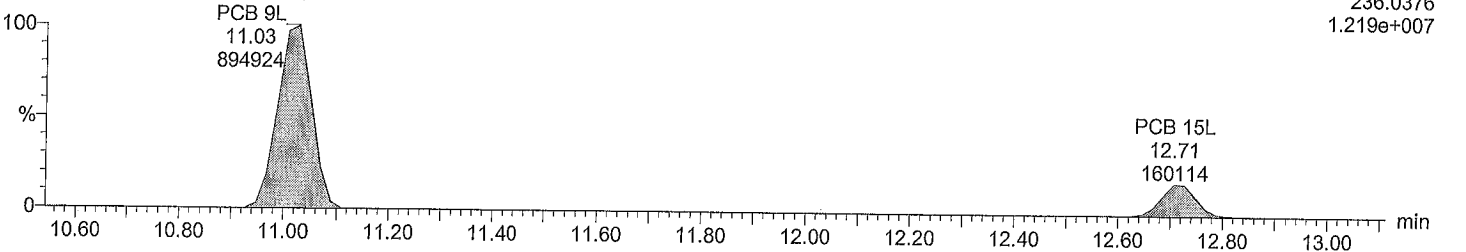
SPIKE:D1 WS#4779396/4767897, TI



Total DiCB labeled F2

M2161205B04 Smooth(SG,3x1)

SPIKE:D1 WS#4779396/4767897, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Tuesday, December 06, 2016 4:53:45 PM

Printed: Tuesday, December 06, 2016 4:55:14 PM

Description: SPIKE:D1

Vial: 4

Date: 05-Dec-2016

Time: 22:09:43

Instrument:

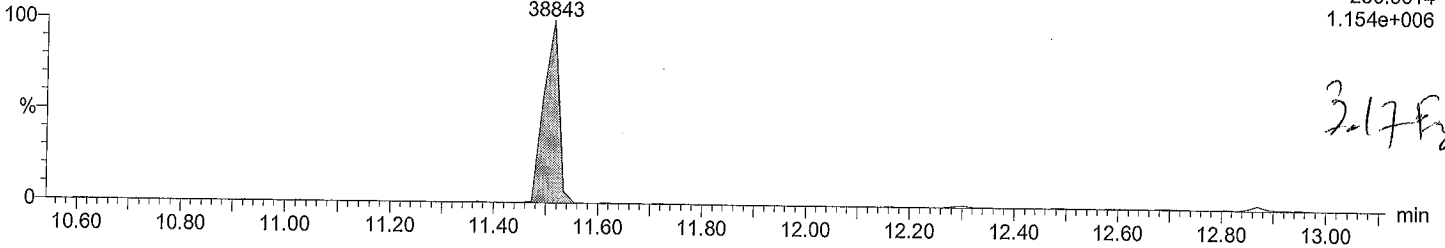
Total TriCB F2

M2161205B04

SPIKE:D1 WS#4779396/4767897, TI

PCB 19
11.51
38843

F2:Voltage SIR,EI+
255.9614
1.154e+006



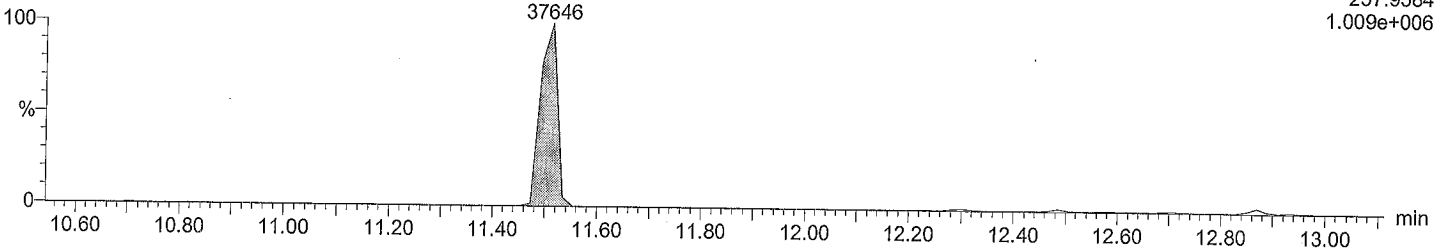
Total TriCB F2

M2161205B04

SPIKE:D1 WS#4779396/4767897, TI

PCB 19
11.51
37646

F2:Voltage SIR,EI+
257.9584
1.009e+006



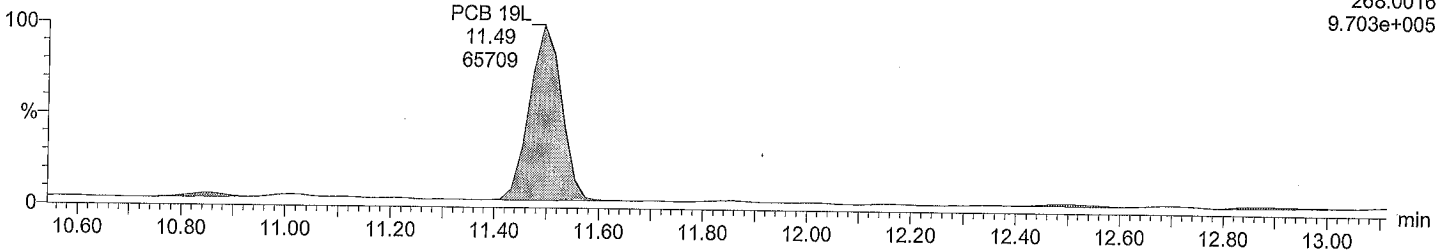
Total TriCB labeled F2

M2161205B04 Smooth(SG,3x1)

SPIKE:D1 WS#4779396/4767897, TI

PCB 19L
11.49
65709

F2:Voltage SIR,EI+
268.0016
9.703e+005



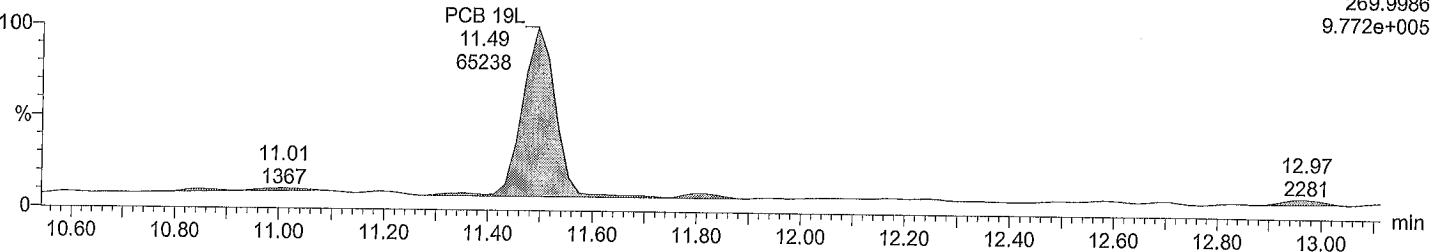
Total TriCB labeled F2

M2161205B04 Smooth(SG,3x1)

SPIKE:D1 WS#4779396/4767897, TI

PCB 19L
11.49
65238

F2:Voltage SIR,EI+
269.9986
9.772e+005



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

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Description: SPIKE:D1

Vial: 4

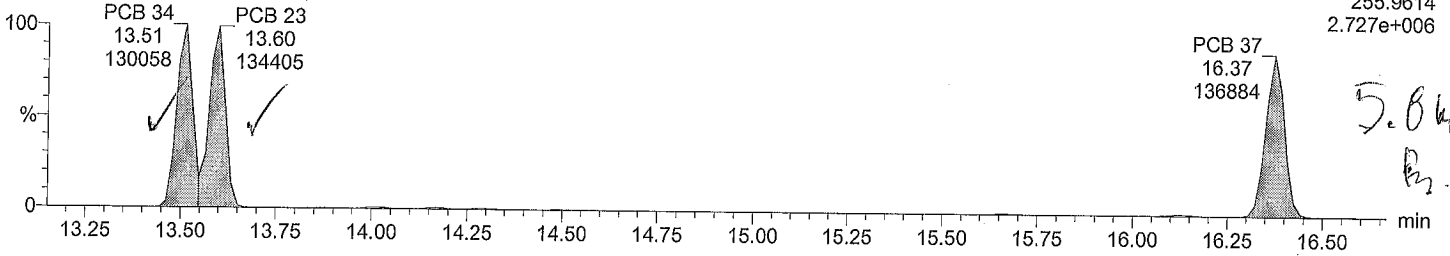
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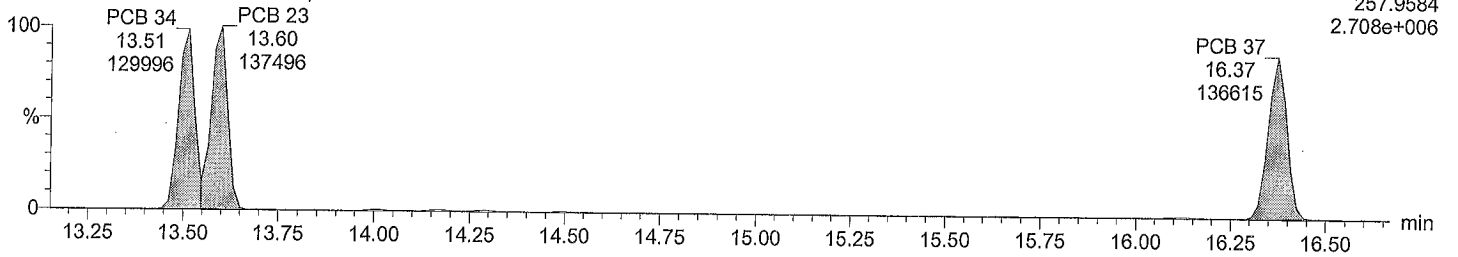
Total TriCB F3

M2161205B04 Smooth(SG,1x1)
SPIKE:D1 WS#4779396/4767897, TI



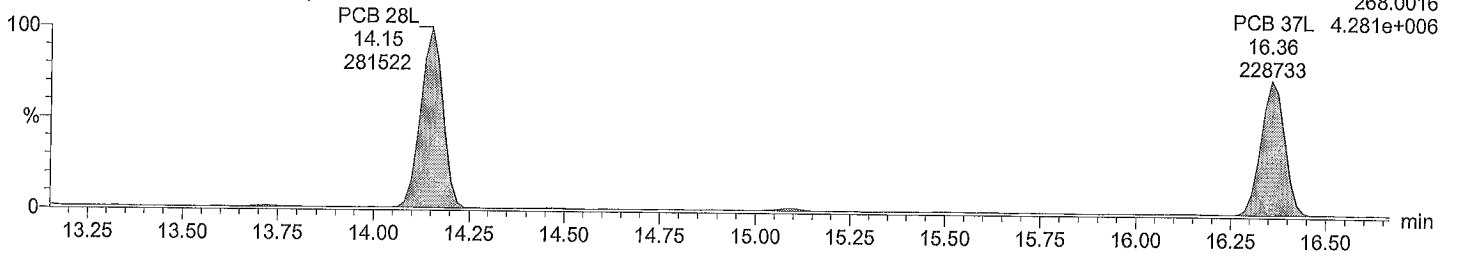
Total TriCB F3

M2161205B04 Smooth(SG,1x1)
SPIKE:D1 WS#4779396/4767897, TI



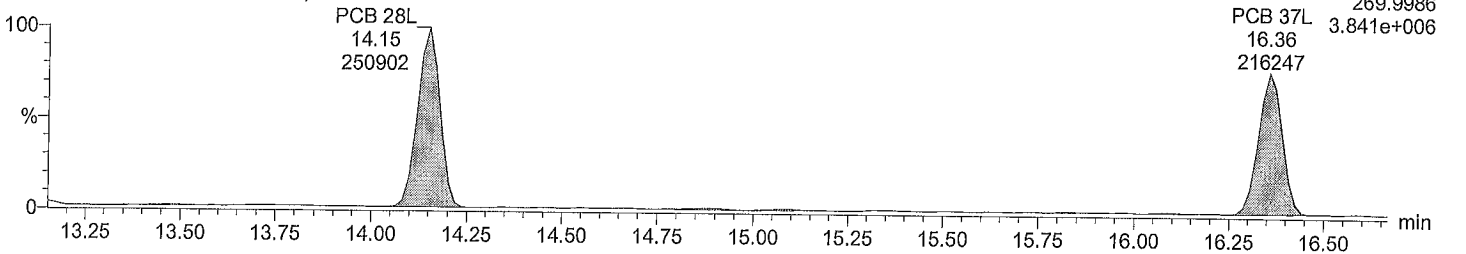
Total TriCB labeled F3

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI



Total TriCB labeled F3

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

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Printed: Tuesday, December 06, 2016 4:55:14 PM

Description: SPIKE:D1

Vial: 4

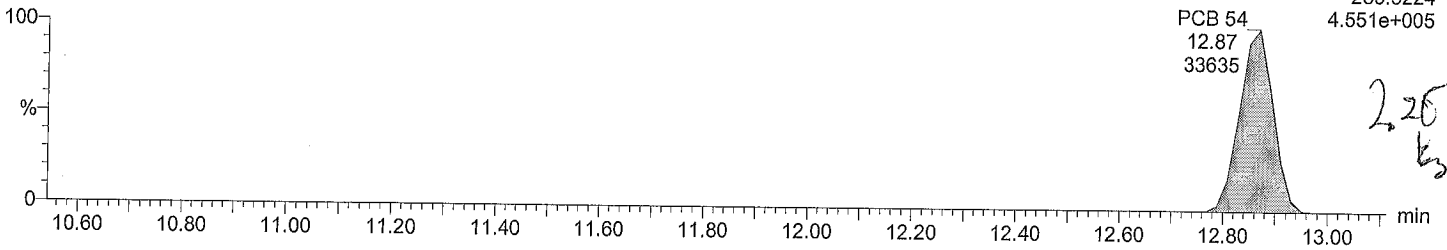
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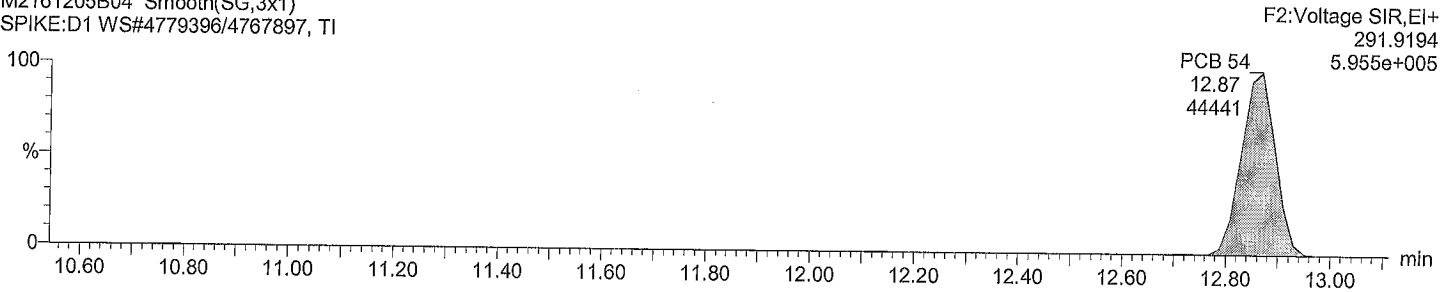
Total TeCB F2

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, T1



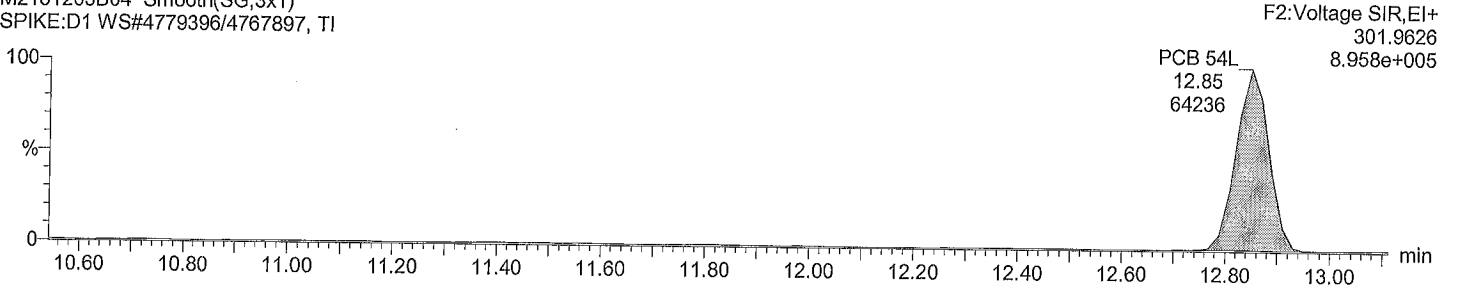
Total TeCB F2

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, T1



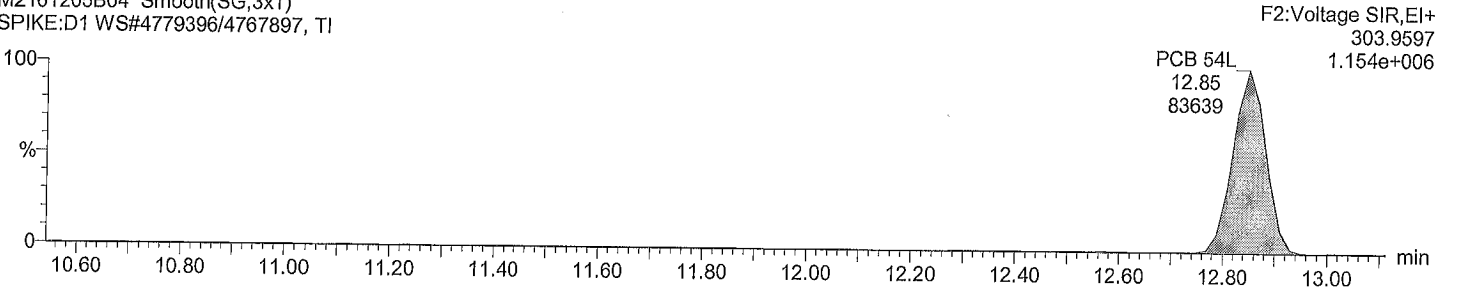
Total TeCB labeled F2

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, T1



Total TeCB labeled F2

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, T1



Quantify Sample Report

Acquired Date

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Description: SPIKE:D1

Vial: 4

Date: 05-Dec-2016

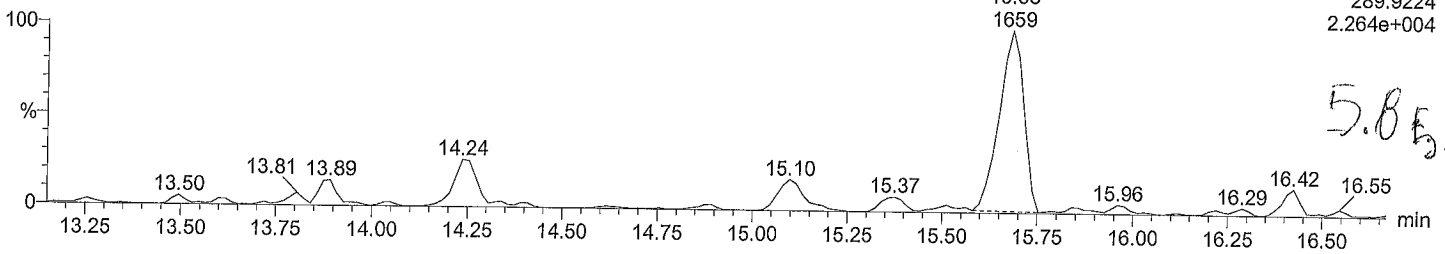
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Instrument:

Total TeCB F3

M2161205B04 Smooth(SG,1x1)
SPIKE:D1 WS#4779396/4767897, TI

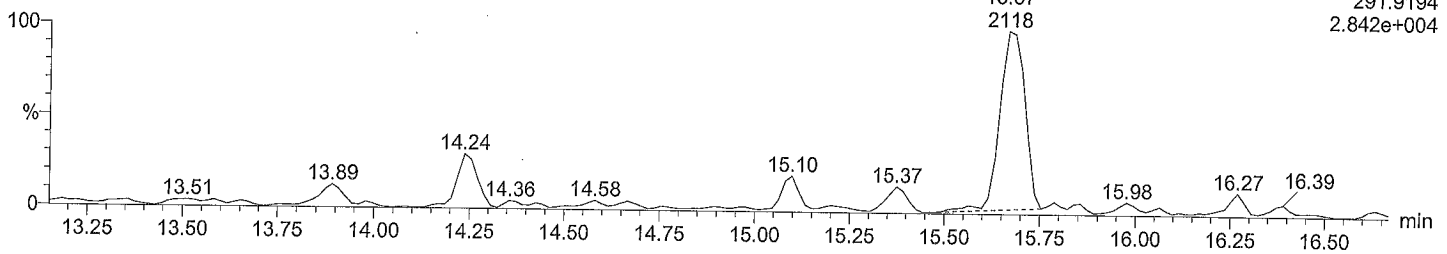
F3:Voltage SIR,EI+
289.9224
2.264e+004



Total TeCB F3

M2161205B04 Smooth(SG,1x1)
SPIKE:D1 WS#4779396/4767897, TI

F3:Voltage SIR,EI+
291.9194
2.842e+004

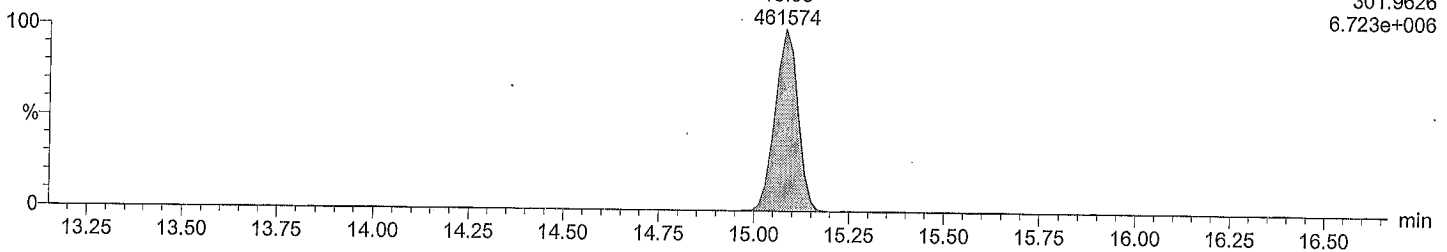


Total TeCB labeled F3

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI

PCB 52L
15.08
461574

F3:Voltage SIR,EI+
301.9626
6.723e+006

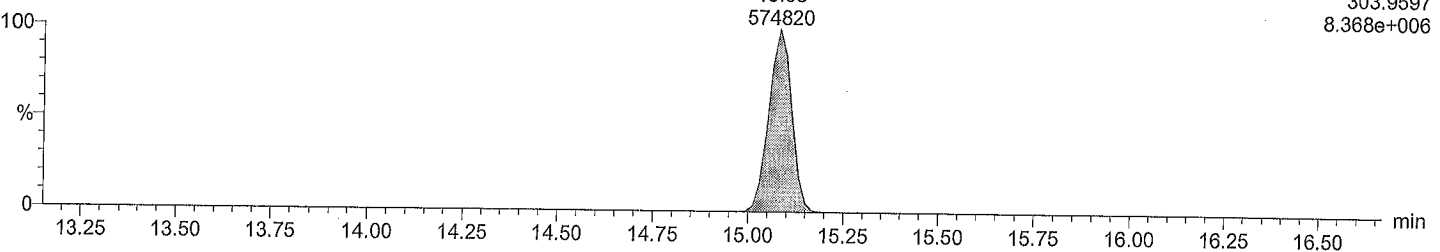


Total TeCB labeled F3

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI

PCB 52L
15.08
574820

F3:Voltage SIR,EI+
303.9597
8.368e+006



Quantify Sample Report

Acquired Date

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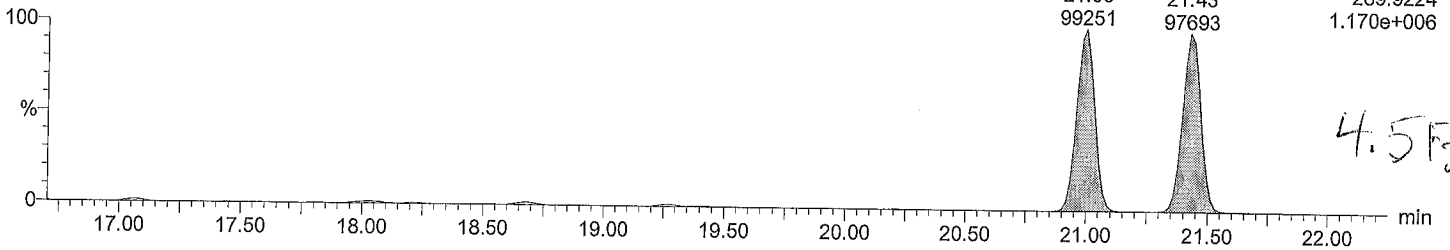
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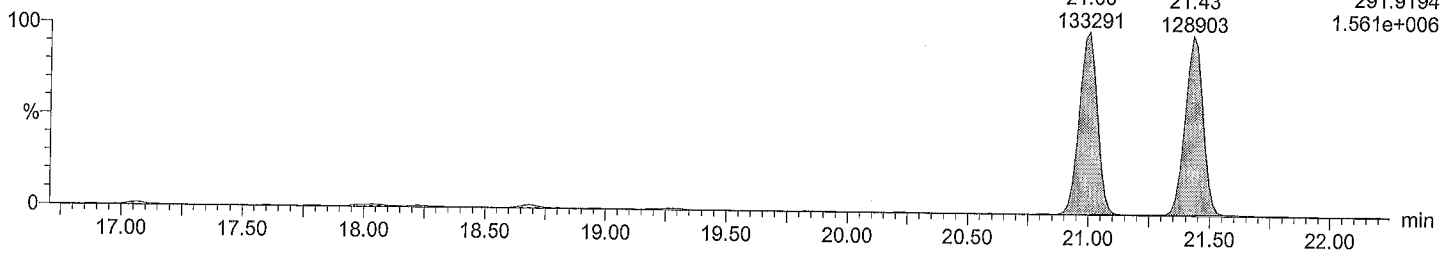
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SPIKE:D1 WS#4779396/4767897, TI



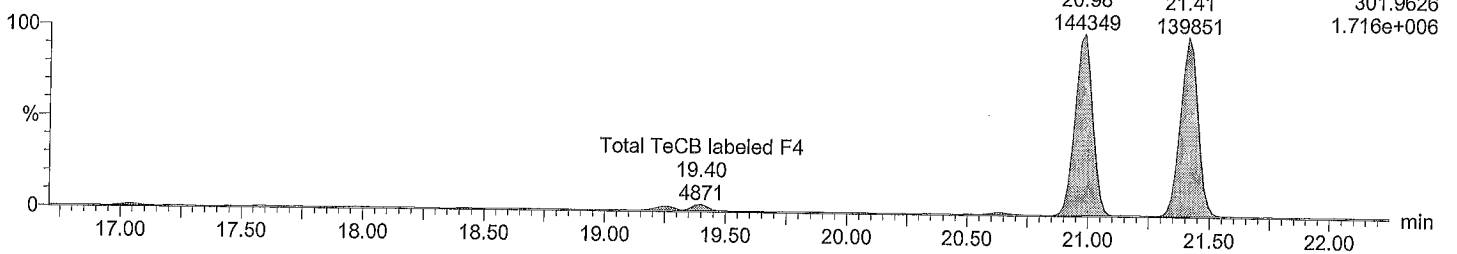
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SPIKE:D1 WS#4779396/4767897, TI



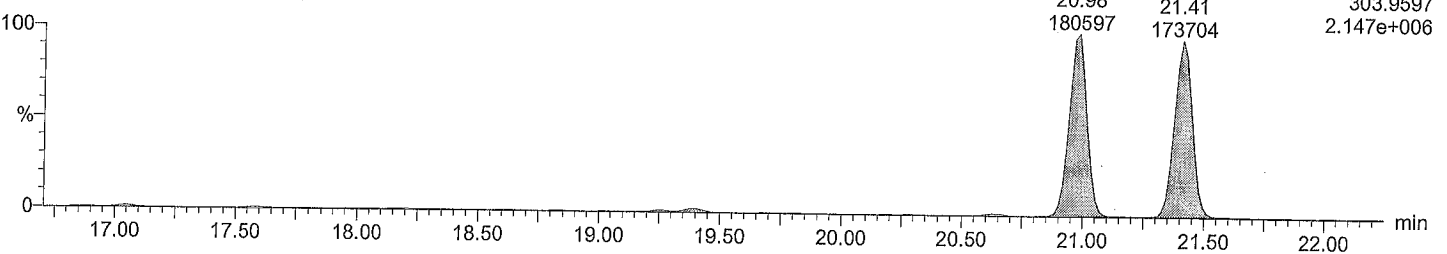
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M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI



Total TeCB labeled F4

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI



Quantify Sample Report

Acquired Date

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Printed: Tuesday, December 06, 2016 4:55:14 PM

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Vial: 4

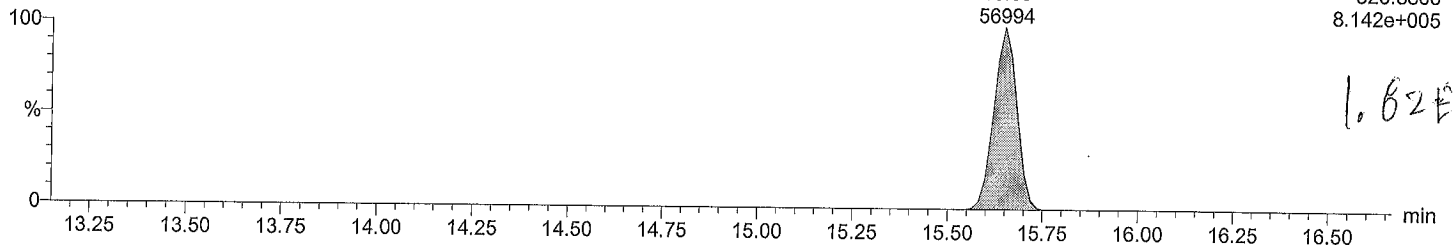
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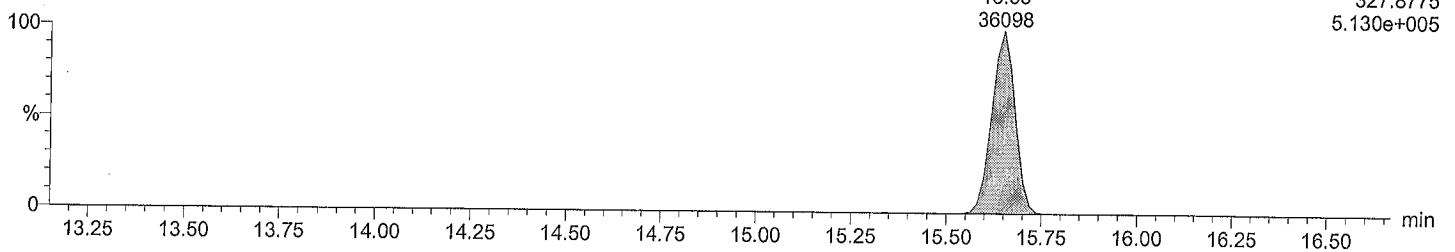
Total PeCB F3

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SPIKE:D1 WS#4779396/4767897, TI



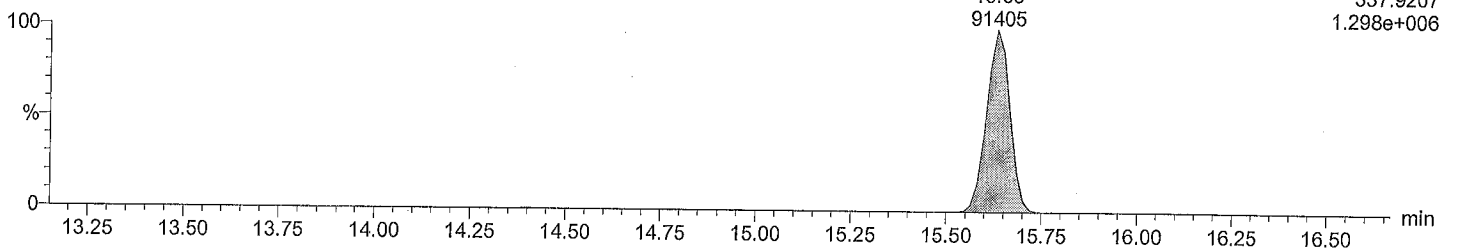
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SPIKE:D1 WS#4779396/4767897, TI



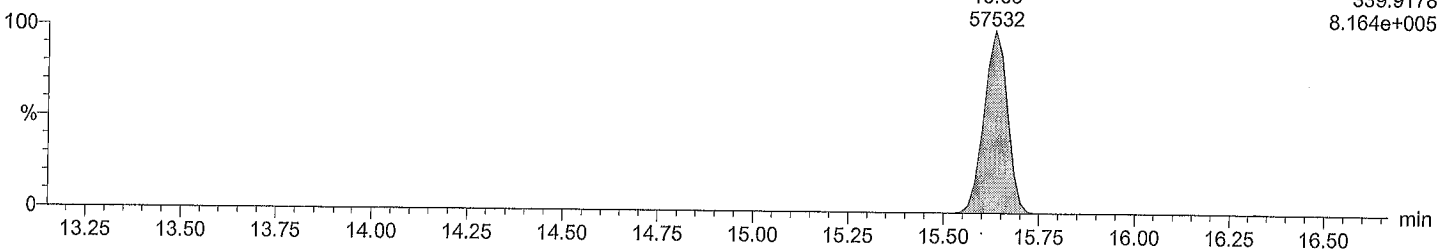
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M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI



Total PeCB labeled F3

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI



Quantify Sample Report

Acquired Date

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Date: 05-Dec-2016

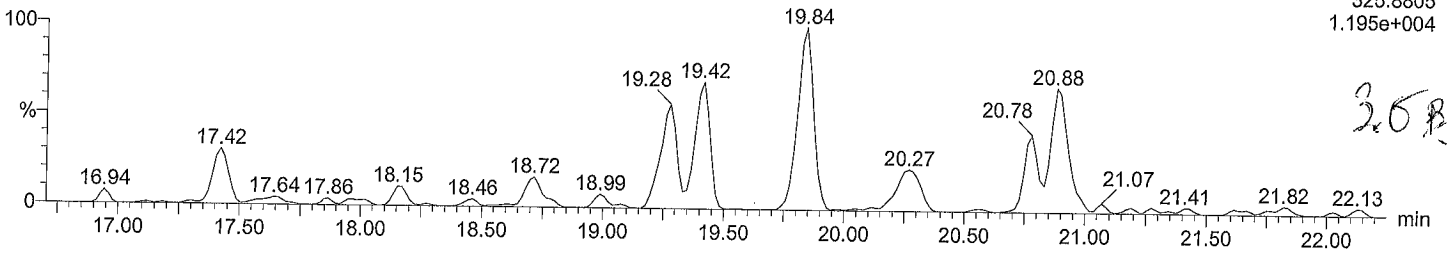
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Total PeCB F4

M2161205B04 Smooth(SG,2x1)
SPIKE:D1 WS#4779396/4767897, TI

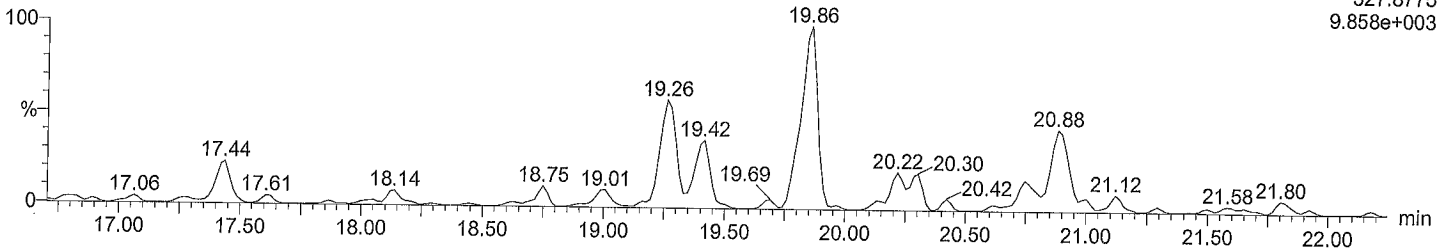
F4:Voltage SIR,EI+
325.8805
1.195e+004



Total PeCB F4

M2161205B04 Smooth(SG,2x1)
SPIKE:D1 WS#4779396/4767897, TI

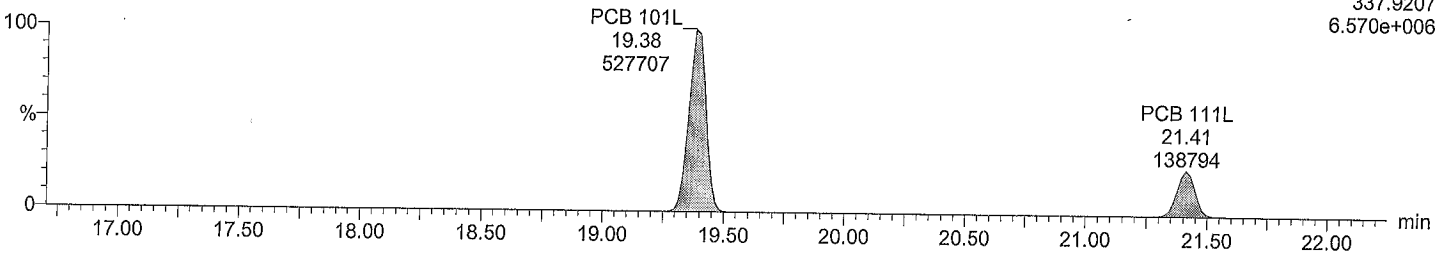
F4:Voltage SIR,EI+
327.8775
9.858e+003



Total PeCB labeled F4

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI

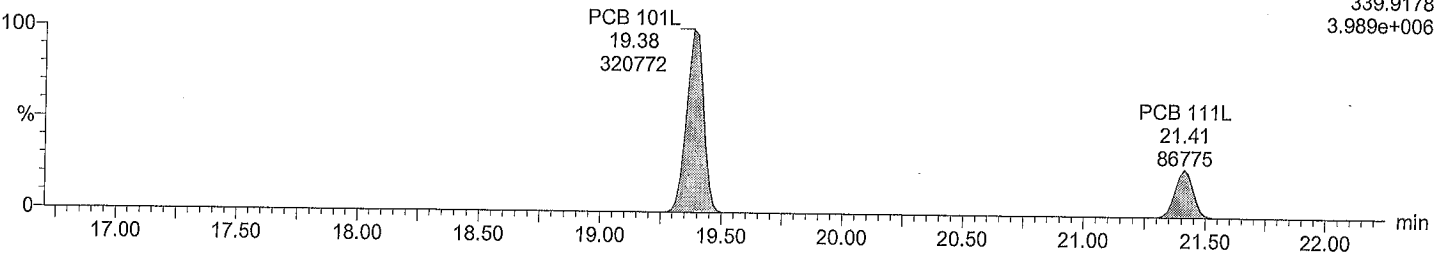
F4:Voltage SIR,EI+
337.9207
6.570e+006



Total PeCB labeled F4

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI

F4:Voltage SIR,EI+
339.9178
3.989e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Tuesday, December 06, 2016 4:53:45 PM

Printed: Tuesday, December 06, 2016 4:55:14 PM

Description: SPIKE:D1

Vial: 4

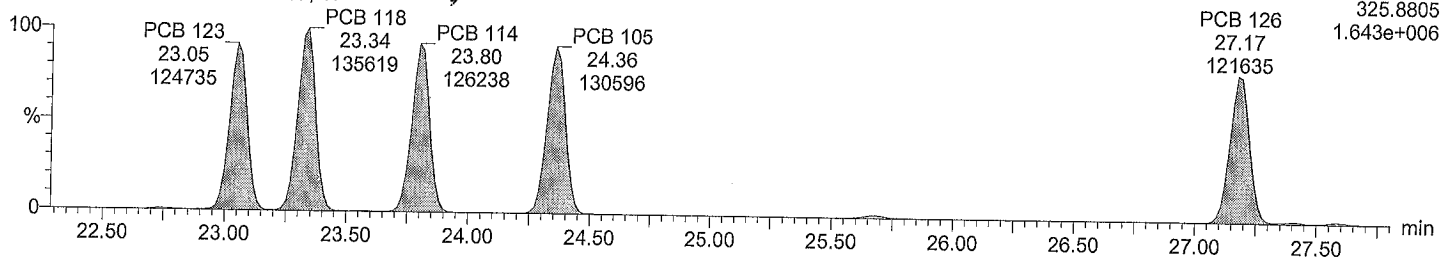
Date: 05-Dec-2016

Time: 22:09:43

Instrument:

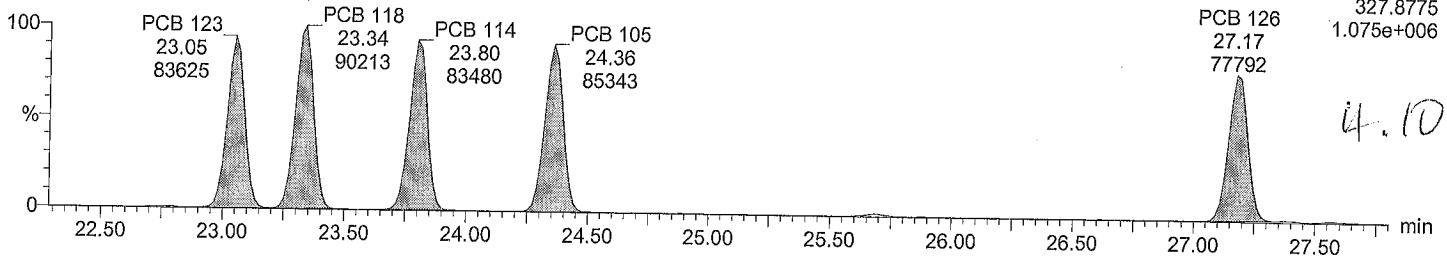
Total PeCB F5

M2161205B04 Smooth(SG,2x1)
SPIKE:D1 WS#4779396/4767897, TI



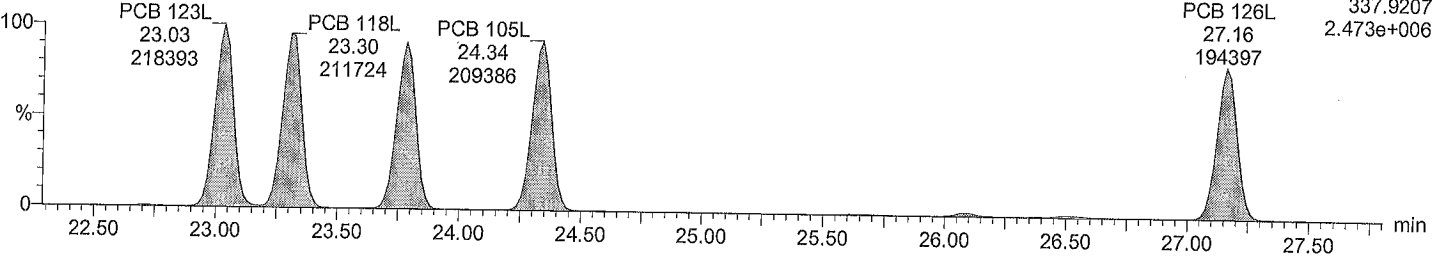
Total PeCB F5

M2161205B04 Smooth(SG,2x1)
SPIKE:D1 WS#4779396/4767897, TI



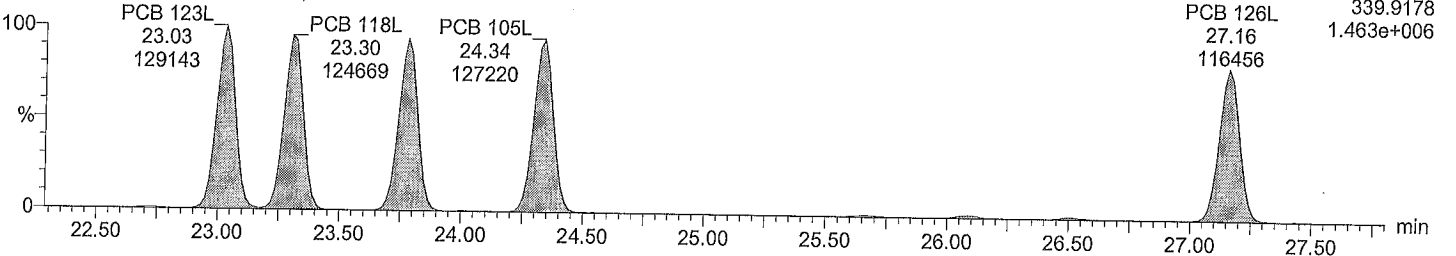
Total PeCB labeled F5

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI



Total PeCB labeled F5

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Tuesday, December 06, 2016 4:53:45 PM

Printed: Tuesday, December 06, 2016 4:55:14 PM

Description: SPIKE:D1

Vial: 4

Date: 05-Dec-2016

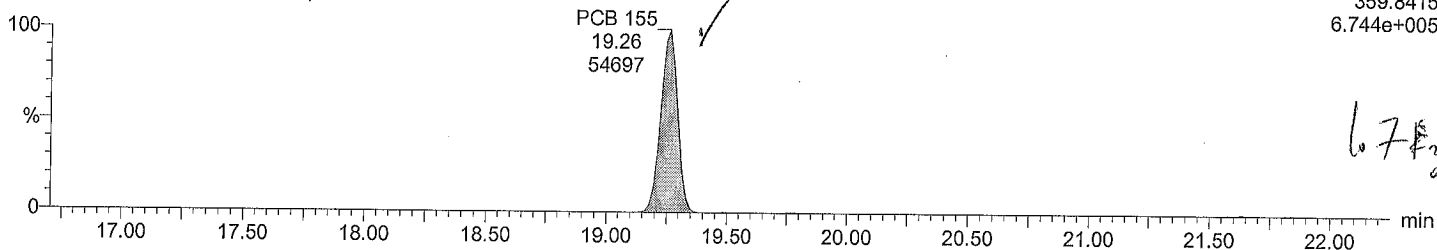
Time: 22:09:43

Instrument:

Total HxCB F4

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI

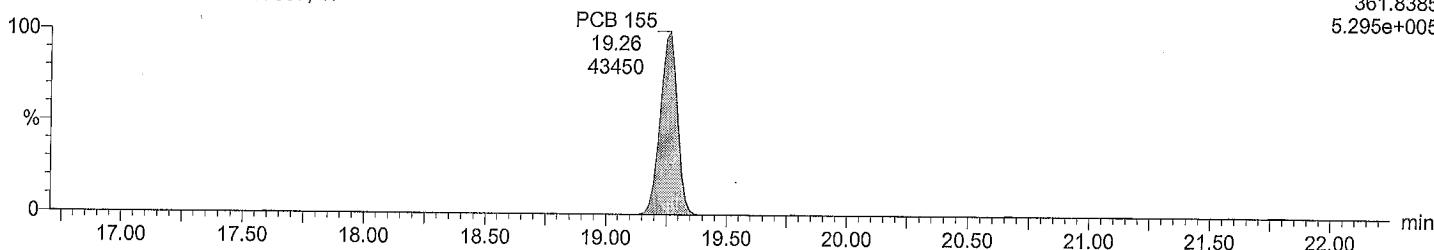
F4:Voltage SIR,EI+
359.8415
6.744e+005



Total HxCB F4

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI

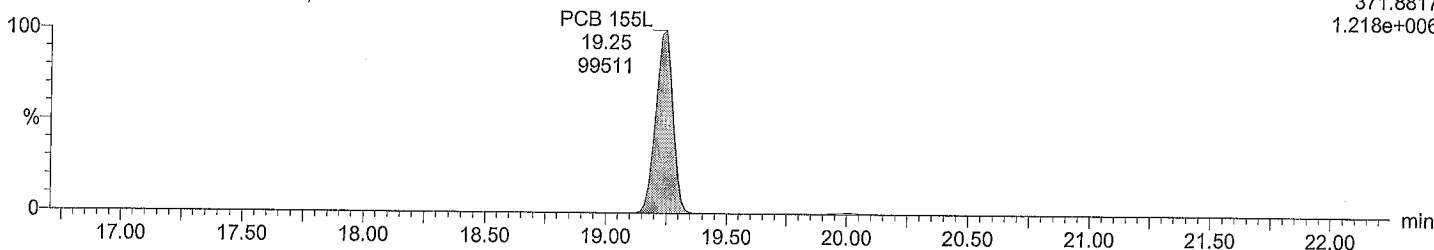
F4:Voltage SIR,EI+
361.8385
5.295e+005



Total HxCB labeled F4

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI

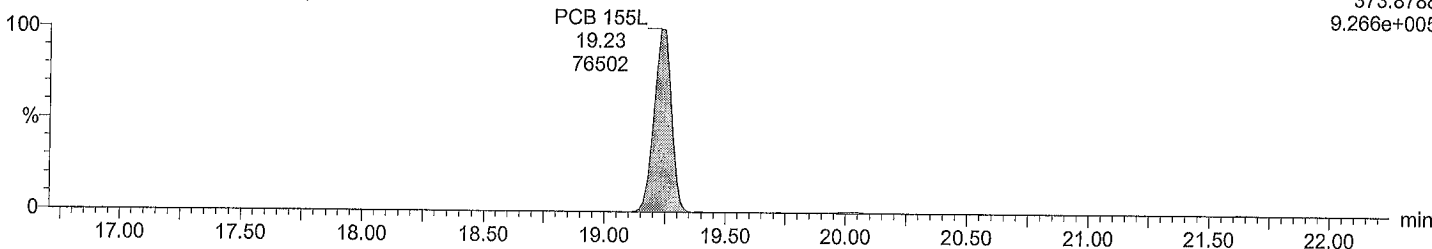
F4:Voltage SIR,EI+
371.8817
1.218e+006



Total HxCB labeled F4

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI

F4:Voltage SIR,EI+
373.8788
9.266e+005



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Tuesday, December 06, 2016 4:53:45 PM

Printed: Tuesday, December 06, 2016 4:55:14 PM

Description: SPIKE:D1

Vial: 4

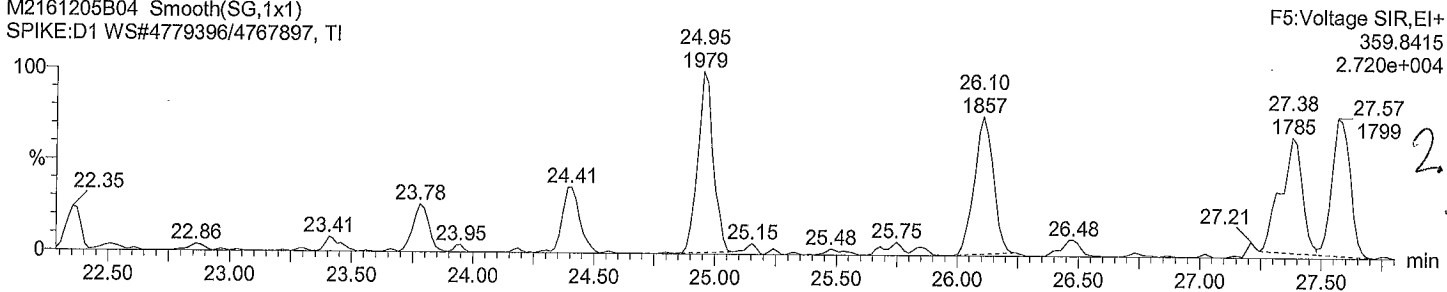
Date: 05-Dec-2016

Time: 22:09:43

Instrument:

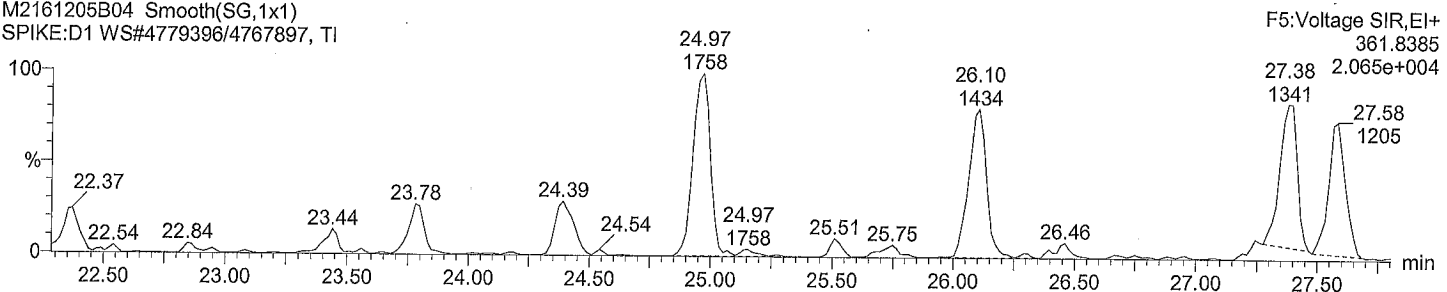
Total HxCB F5

M2161205B04 Smooth(SG,1x1)
SPIKE:D1 WS#4779396/4767897, TI



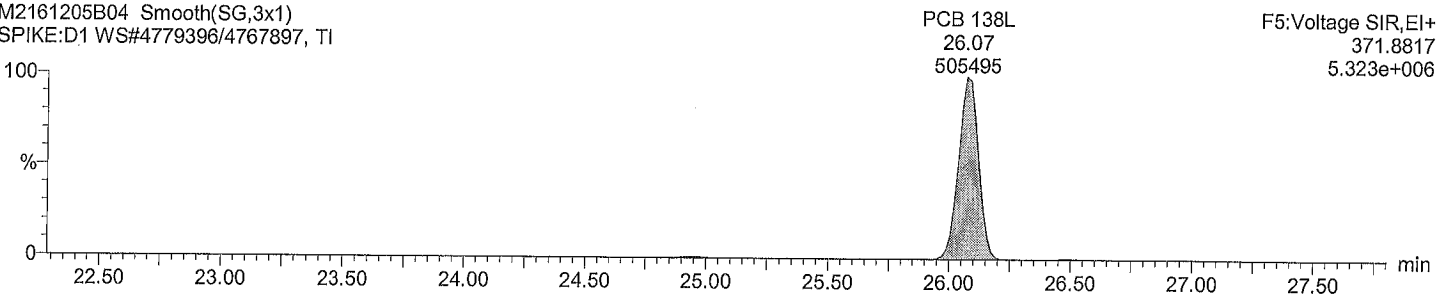
Total HxCB F5

M2161205B04 Smooth(SG,1x1)
SPIKE:D1 WS#4779396/4767897, TI



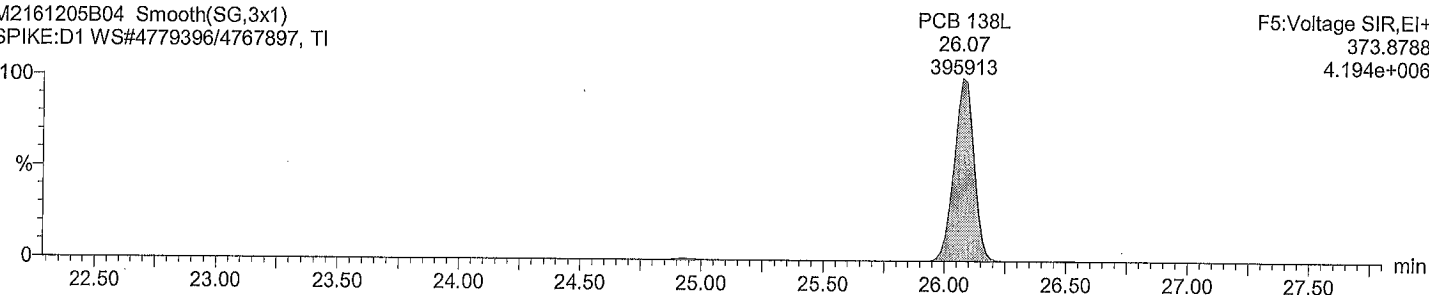
Total HxCB labeled F5

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI



Total HxCB labeled F5

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Tuesday, December 06, 2016 4:53:45 PM

Printed: Tuesday, December 06, 2016 4:55:14 PM

Description: SPIKE:D1

Vial: 4

Date: 05-Dec-2016

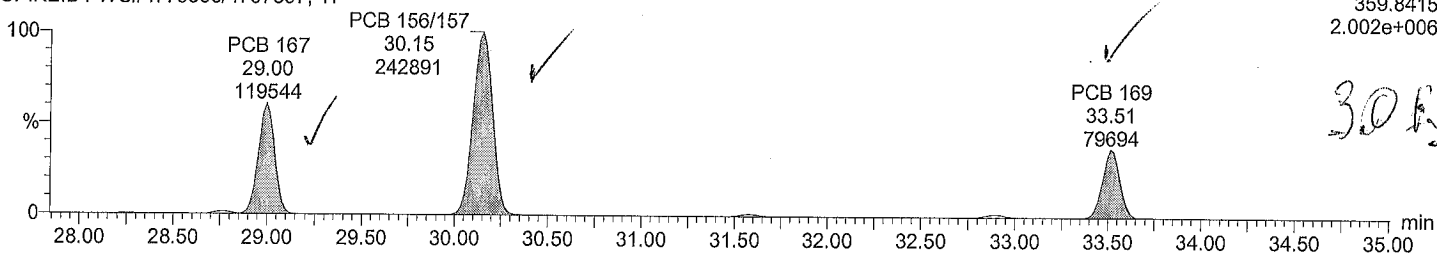
Time: 22:09:43

Instrument:

Total HxCB F6

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI

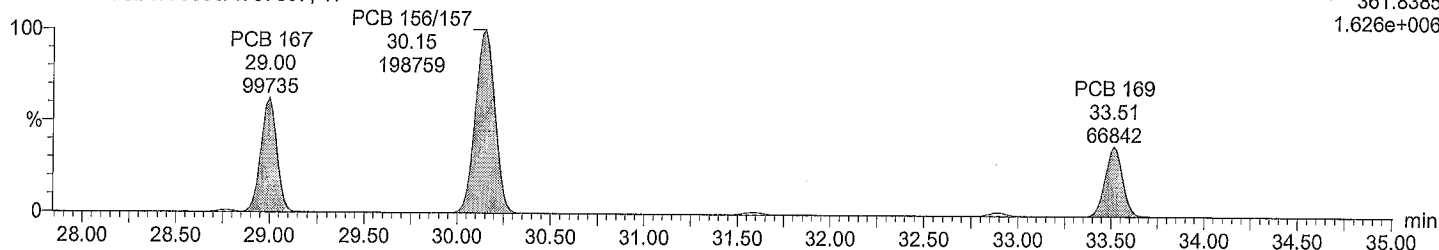
F6:Voltage SIR,EI+
359.8415
2.002e+006



Total HxCB F6

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI

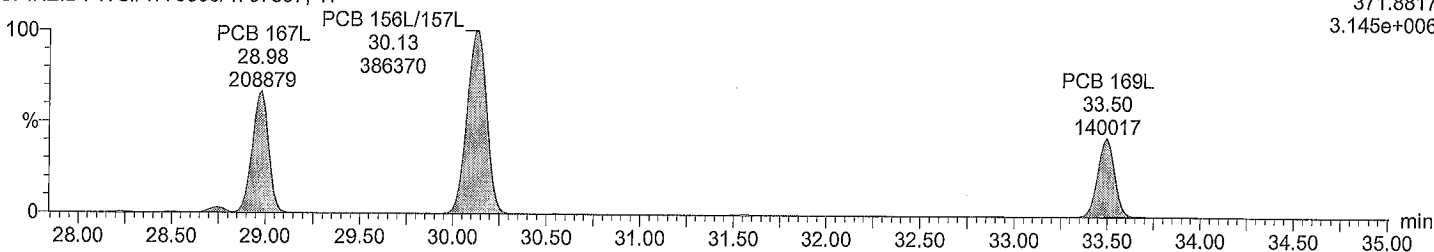
F6:Voltage SIR,EI+
361.8385
1.626e+006



Total HxCB labeled F6

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI

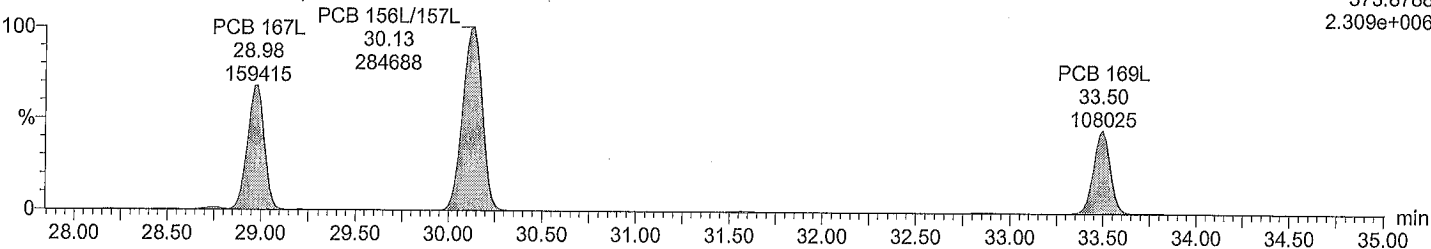
F6:Voltage SIR,EI+
371.8817
3.145e+006



Total HxCB labeled F6

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI

F6:Voltage SIR,EI+
373.8788
2.309e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Tuesday, December 06, 2016 4:53:45 PM

Printed: Tuesday, December 06, 2016 4:55:14 PM

Description: SPIKE:D1

Vial: 4

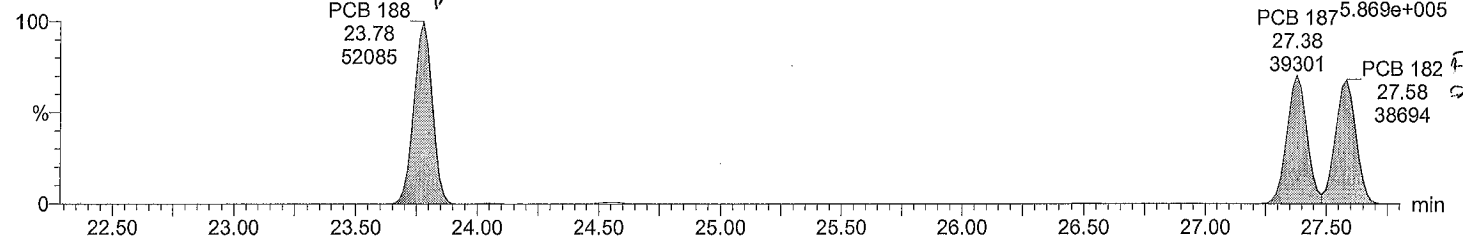
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Time: 22:09:43

Instrument:

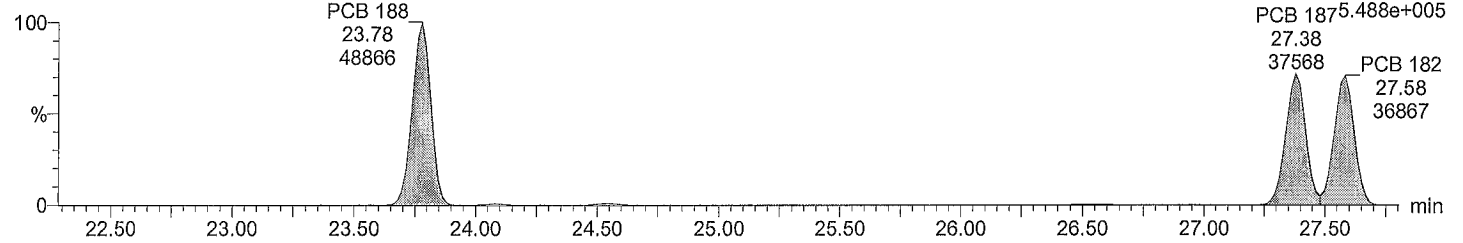
Total HpCB F5

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI



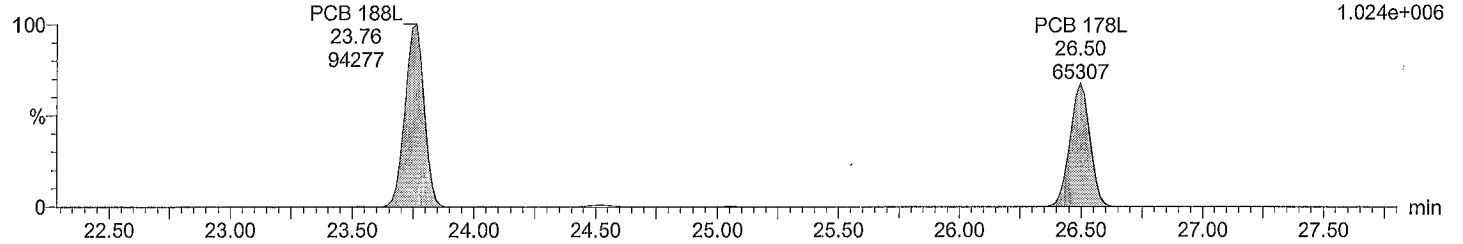
Total HpCB F5

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI



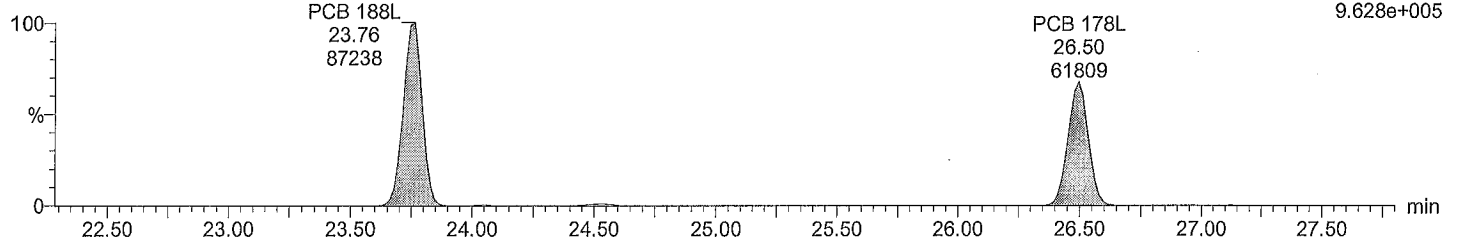
Total HpCB labeled F5

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI



Total HpCB labeled F5

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Tuesday, December 06, 2016 4:53:45 PM

Printed: Tuesday, December 06, 2016 4:55:14 PM

Description: SPIKE:D1

Vial: 4

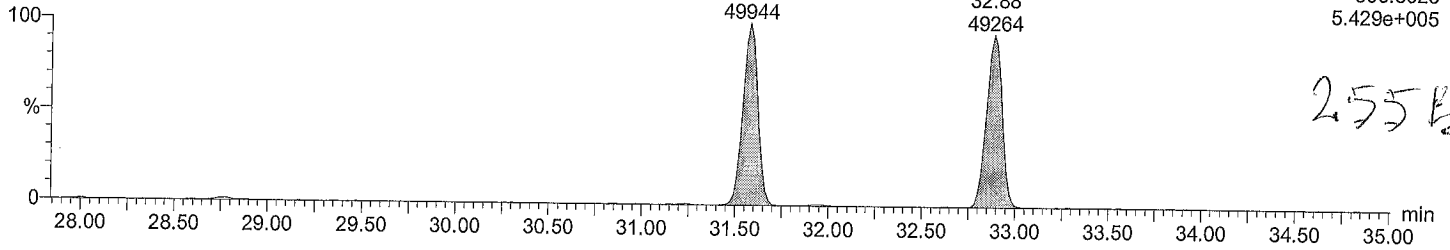
Date: 05-Dec-2016

Time: 22:09:43

Instrument:

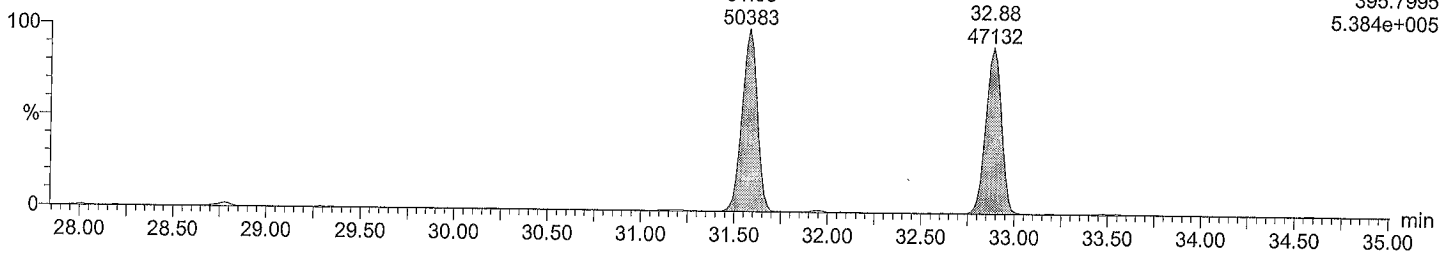
Total HpCB F6

M2161205B04 Smooth(SG,1x1)
SPIKE:D1 WS#4779396/4767897, TI



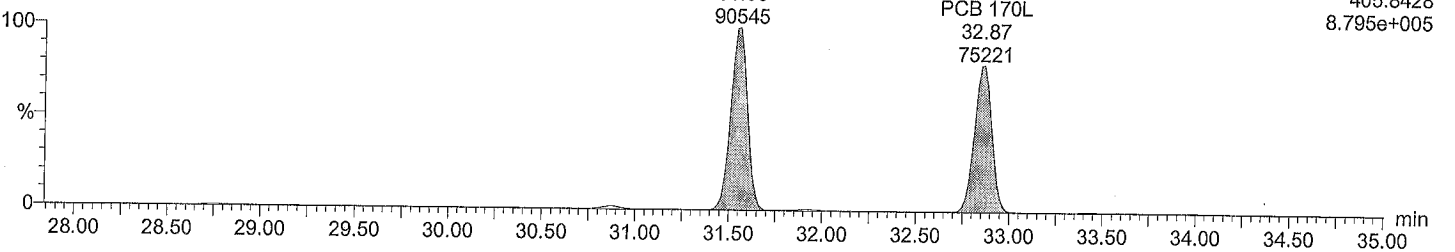
Total HpCB F6

M2161205B04 Smooth(SG,1x1)
SPIKE:D1 WS#4779396/4767897, TI



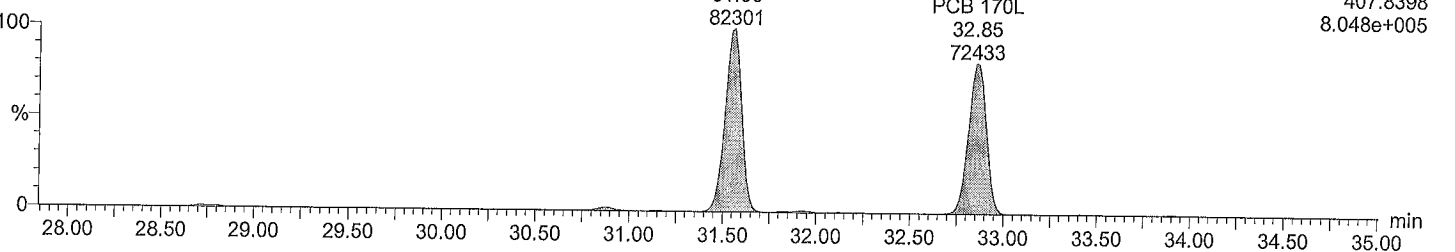
Total HpCB labeled F6

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI



Total HpCB labeled F6

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Tuesday, December 06, 2016 4:53:45 PM

Printed: Tuesday, December 06, 2016 4:55:14 PM

Description: SPIKE:D1

Vial: 4

Date: 05-Dec-2016

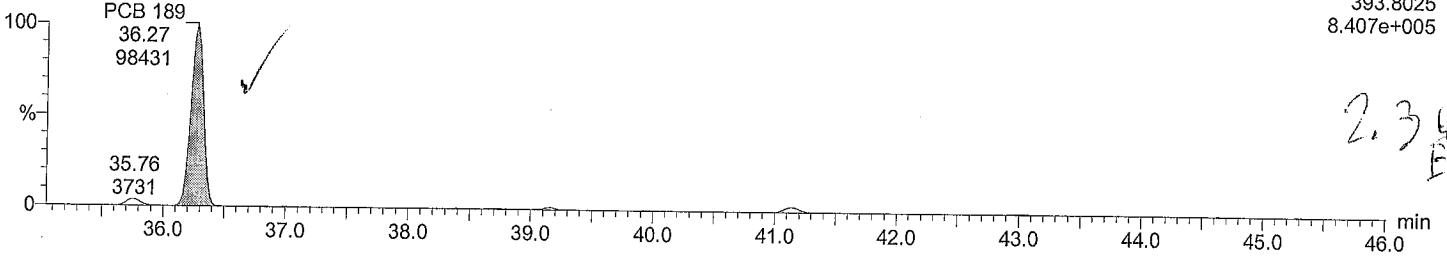
Time: 22:09:43

Instrument:

Total HpCB F7

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI

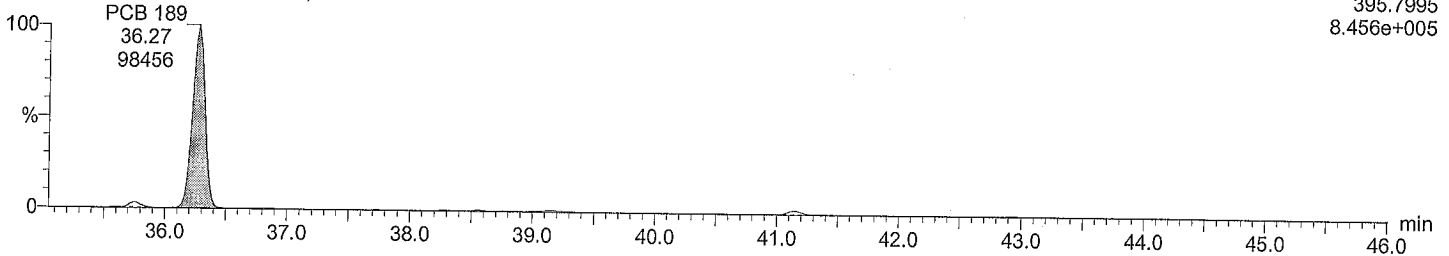
F7:Voltage SIR,EI+
393.8025
8.407e+005



Total HpCB F7

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI

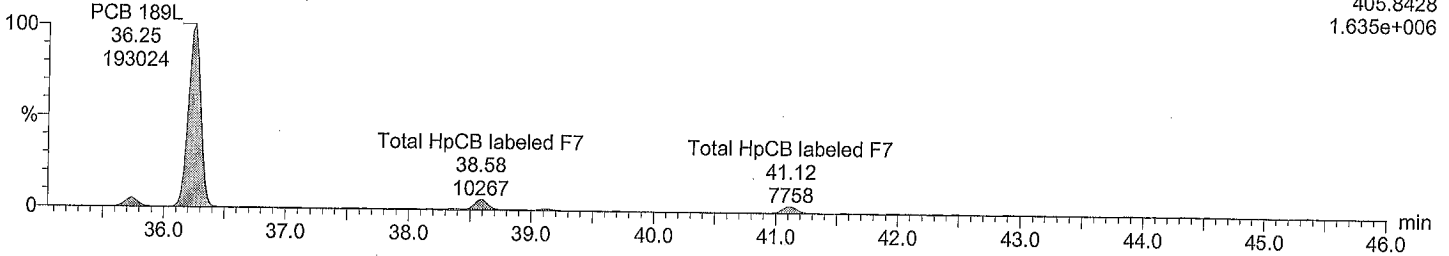
F7:Voltage SIR,EI+
395.7995
8.456e+005



Total HpCB labeled F7

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI

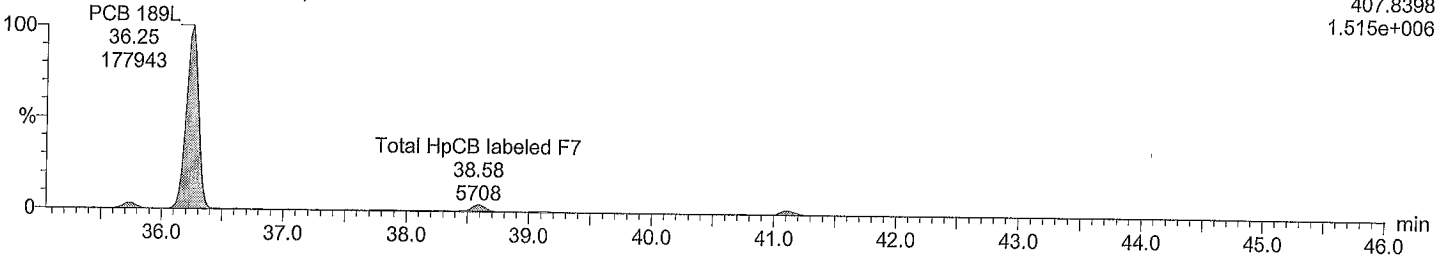
F7:Voltage SIR,EI+
405.8428
1.635e+006



Total HpCB labeled F7

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI

F7:Voltage SIR,EI+
407.8398
1.515e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Tuesday, December 06, 2016 4:53:45 PM

Printed: Tuesday, December 06, 2016 4:55:14 PM

Description: SPIKE:D1

Vial: 4

Date: 05-Dec-2016

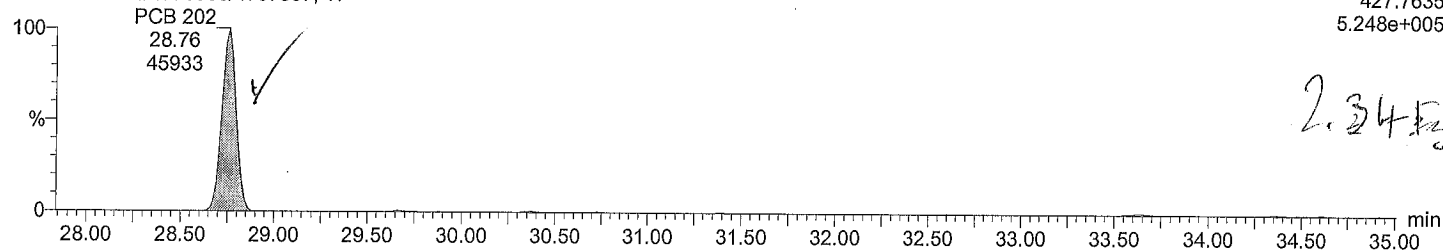
Time: 22:09:43

Instrument:

Total OcCB F6

M2161205B04 Smooth(SG,1x1)
SPIKE:D1 WS#4779396/4767897, TI

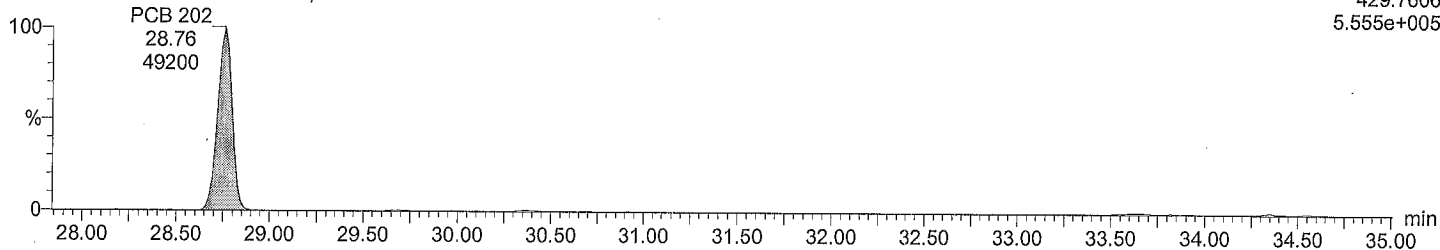
F6:Voltage SIR,EI+
427.7635
5.248e+005



Total OcCB F6

M2161205B04 Smooth(SG,1x1)
SPIKE:D1 WS#4779396/4767897, TI

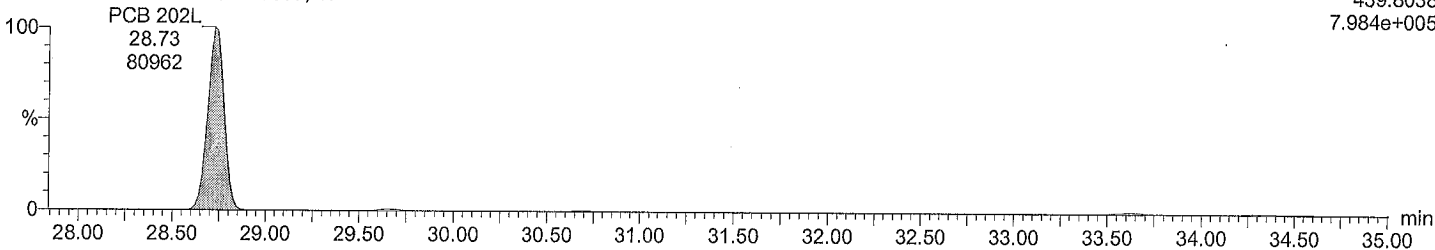
F6:Voltage SIR,EI+
429.7606
5.555e+005



Total OcCB labeled F6

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI

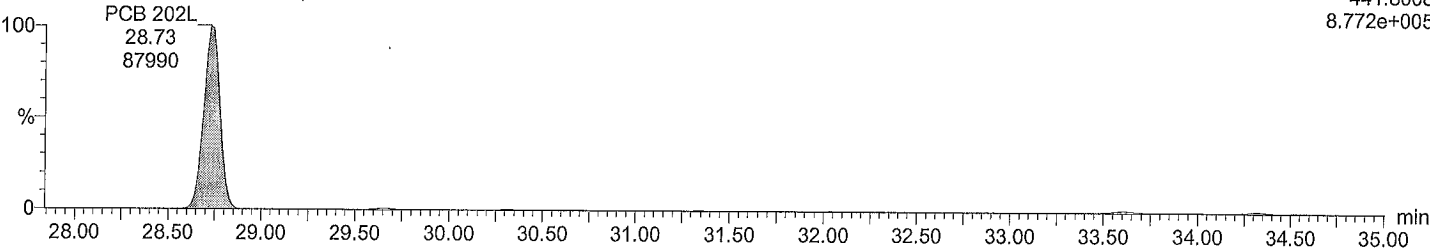
F6:Voltage SIR,EI+
439.8038
7.984e+005



Total OcCB labeled F6

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI

F6:Voltage SIR,EI+
441.8008
8.772e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Tuesday, December 06, 2016 4:53:45 PM

Printed: Tuesday, December 06, 2016 4:55:14 PM

Description: SPIKE:D1

Vial: 4

Date: 05-Dec-2016

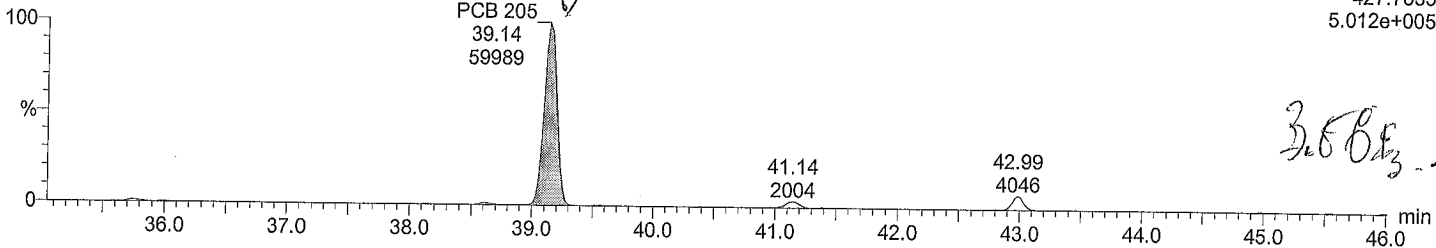
Time: 22:09:43

Instrument:

Total OcCB F7

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI

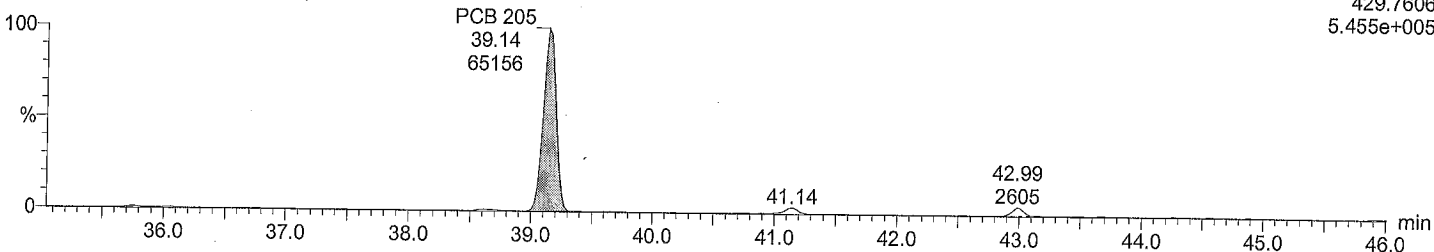
F7:Voltage SIR,EI+
427.7635
5.012e+005



Total OcCB F7

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI

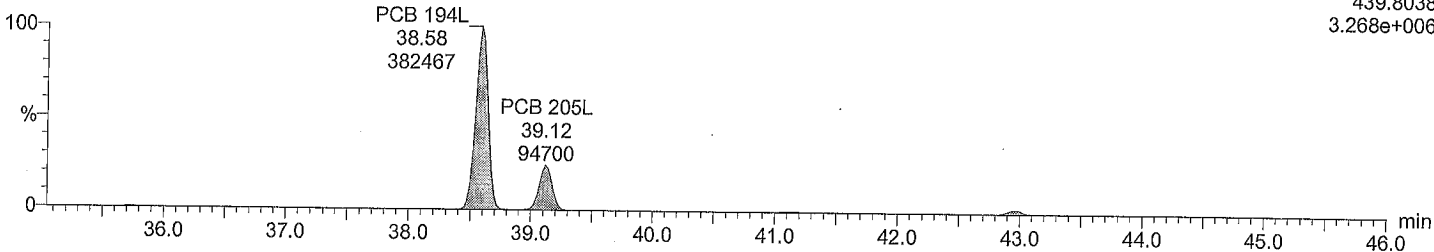
F7:Voltage SIR,EI+
429.7606
5.455e+005



Total OcCB labeled F7

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI

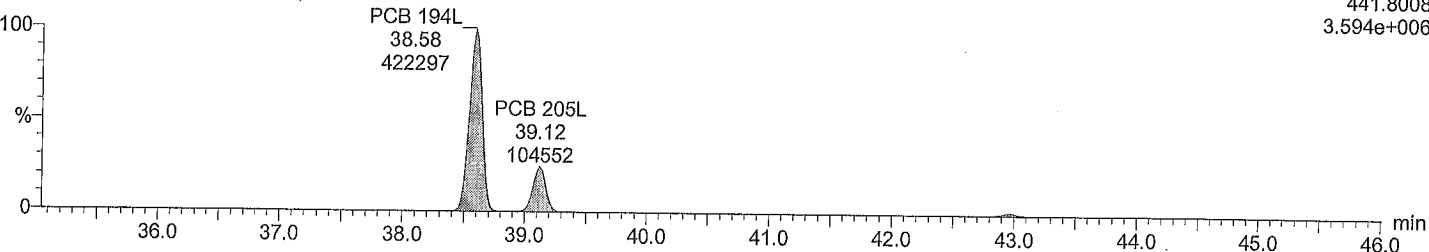
F7:Voltage SIR,EI+
439.8038
3.268e+006



Total OcCB labeled F7

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI

F7:Voltage SIR,EI+
441.8008
3.594e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Tuesday, December 06, 2016 4:53:45 PM

Printed: Tuesday, December 06, 2016 4:55:14 PM

Description: SPIKE:D1

Vial: 4

Date: 05-Dec-2016

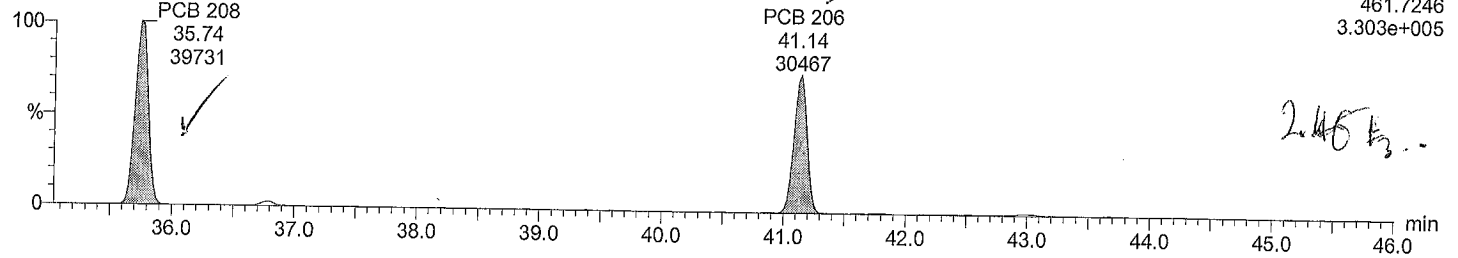
Time: 22:09:43

Instrument:

Total NoCB F7

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI

F7:Voltage SIR,EI+
461.7246
3.303e+005

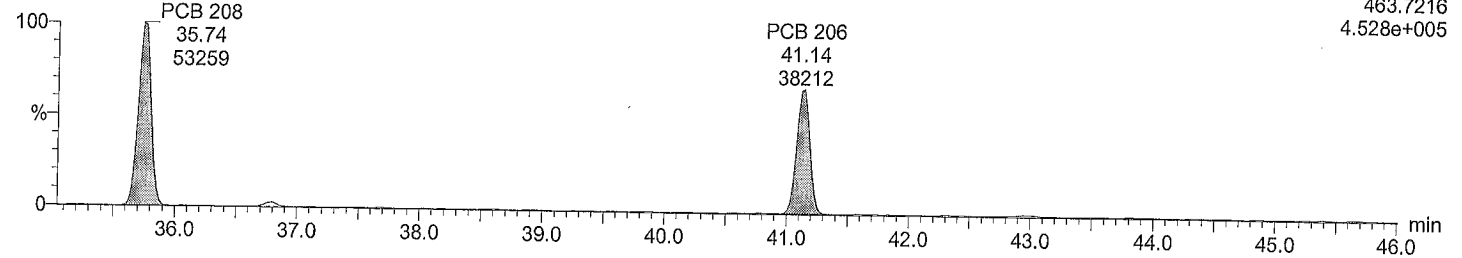


2.45 E₃

Total NoCB F7

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI

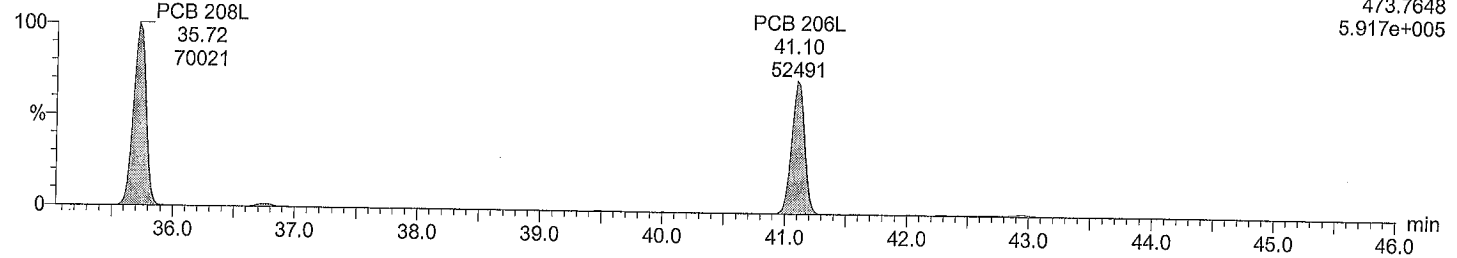
F7:Voltage SIR,EI+
463.7216
4.528e+005



Total NoCB labeled F7

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI

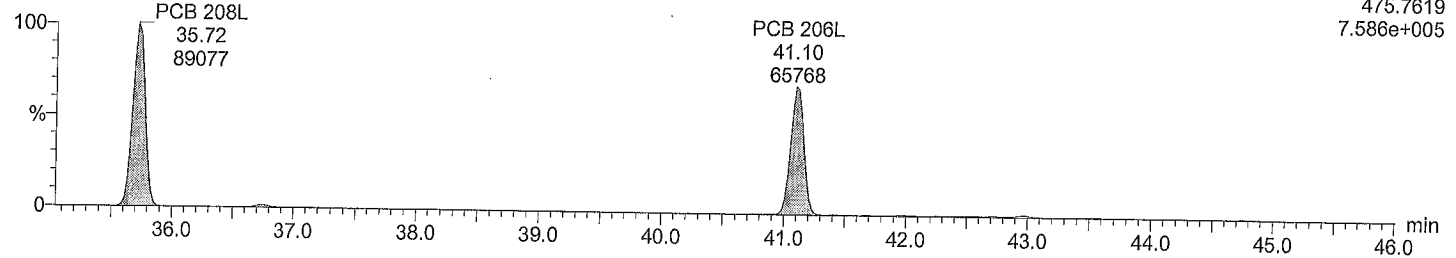
F7:Voltage SIR,EI+
473.7648
5.917e+005



Total NoCB labeled F7

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI

F7:Voltage SIR,EI+
475.7619
7.586e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Tuesday, December 06, 2016 4:53:45 PM

Printed: Tuesday, December 06, 2016 4:55:14 PM

Description: SPIKE:D1

Vial: 4

Date: 05-Dec-2016

Time: 22:09:43

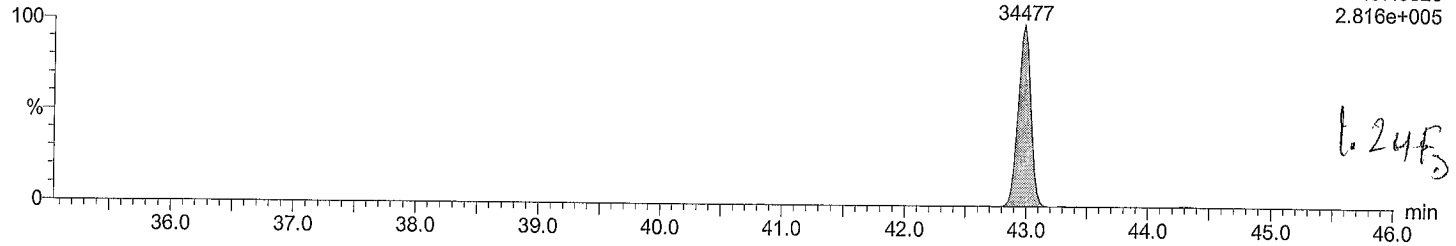
Instrument:

Total DeCB F7

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI

PCB 209
42.99
34477

F7:Voltage SIR,EI+
497.6826
2.816e+005

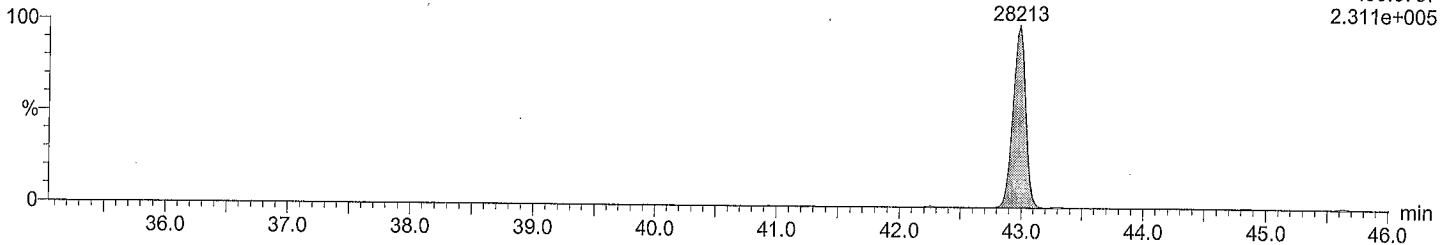


Total DeCB F7

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI

PCB 209
42.99
28213

F7:Voltage SIR,EI+
499.6797
2.311e+005

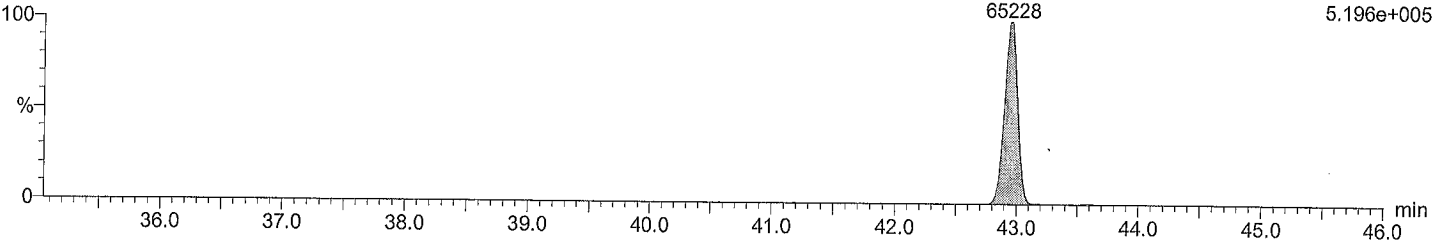


Total DeCB labeled F7

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI

PCB 209L
42.96
65228

F7:Voltage SIR,EI+
509.7229
5.196e+005

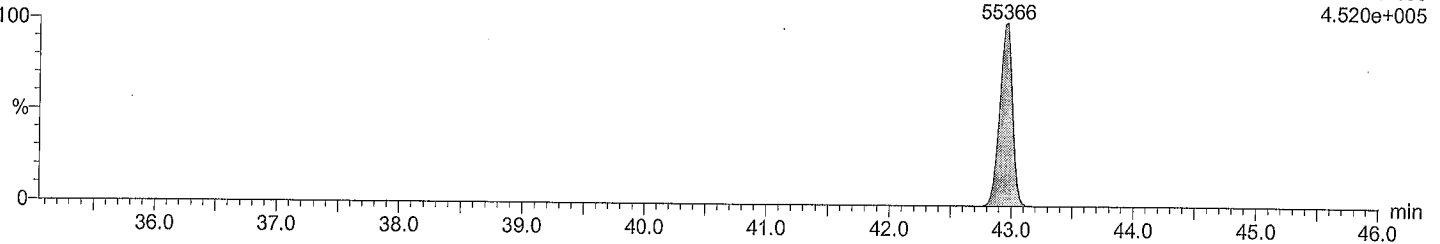


Total DeCB labeled F7

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI

PCB 209L
42.96
55366

F7:Voltage SIR,EI+
511.7199
4.520e+005



Acquired Date

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Printed: Tuesday, December 06, 2016 4:55:14 PM

Description: SPIKE:D1

Vial: 4

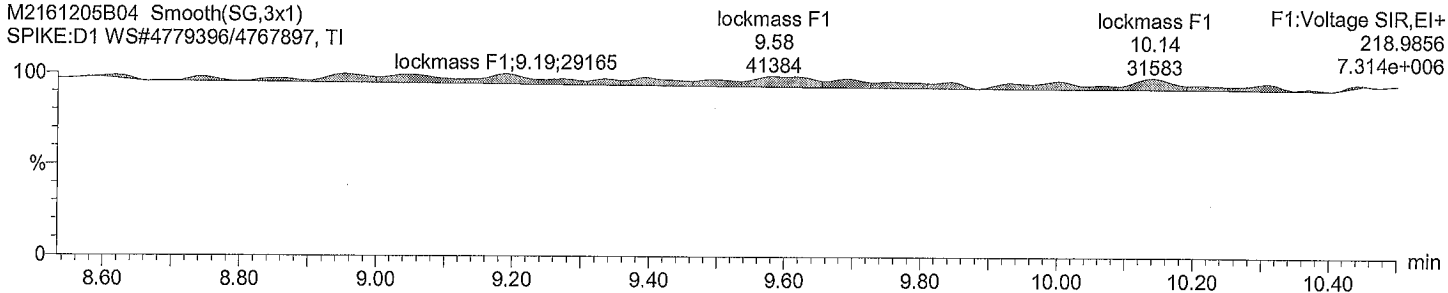
Date: 05-Dec-2016

Time: 22:09:43

Instrument:

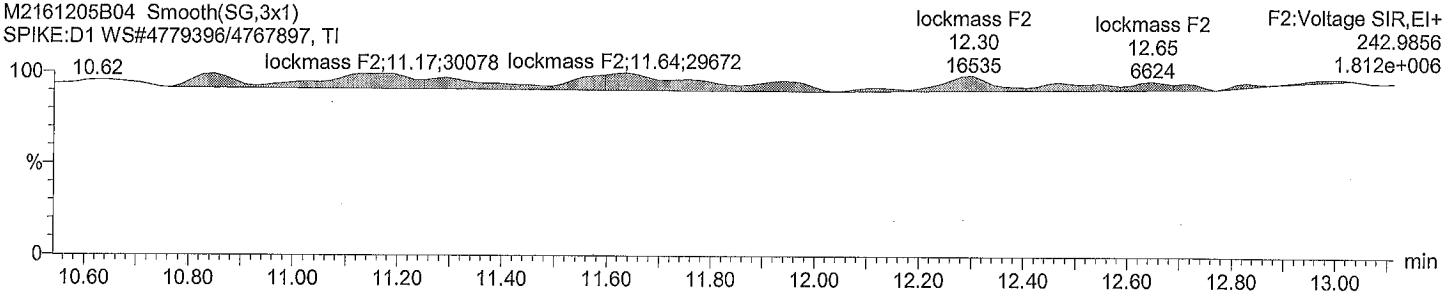
lockmass F1

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI



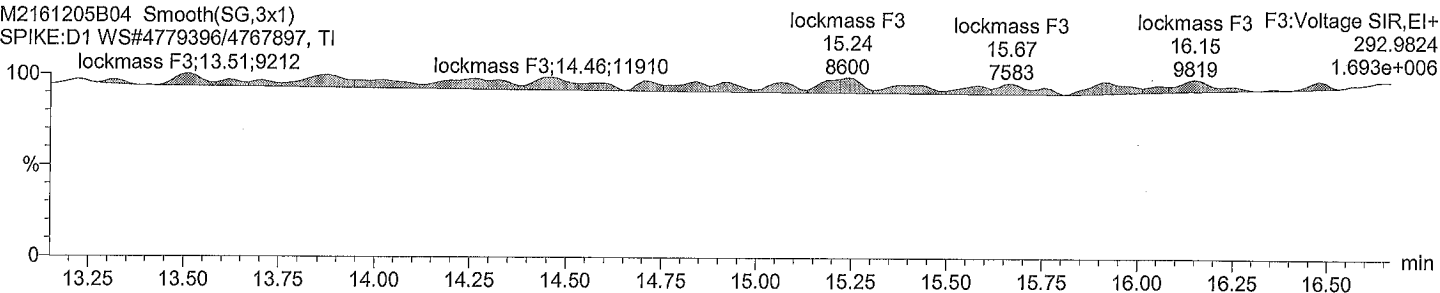
lockmass F2

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI



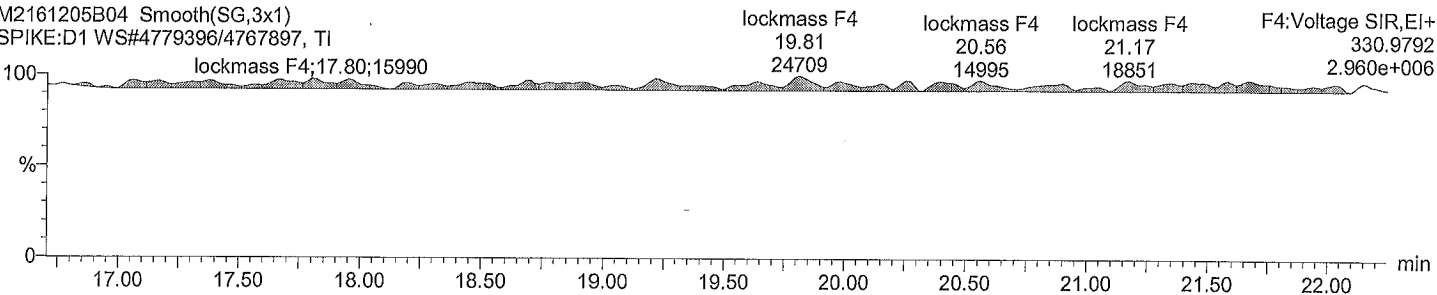
lockmass F3

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI



lockmass F4

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

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Printed: Tuesday, December 06, 2016 4:55:14 PM

Description: SPIKE:D1

Vial: 4

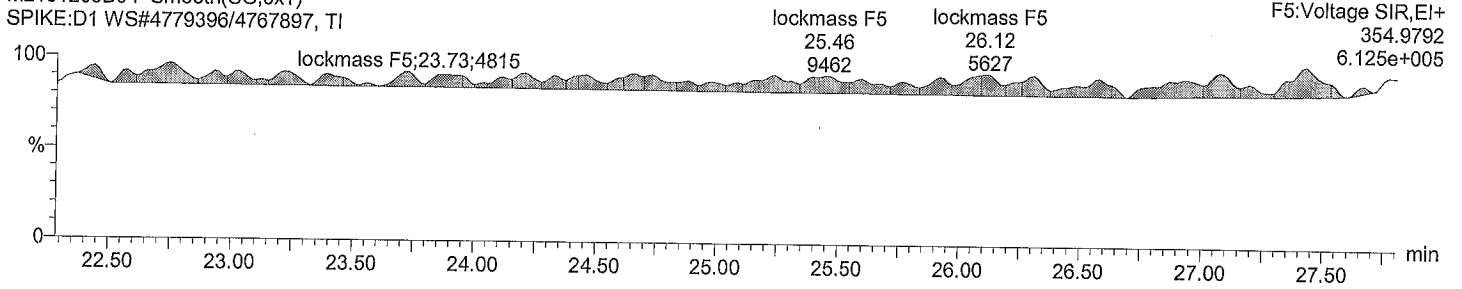
Date: 05-Dec-2016

Time: 22:09:43

Instrument:

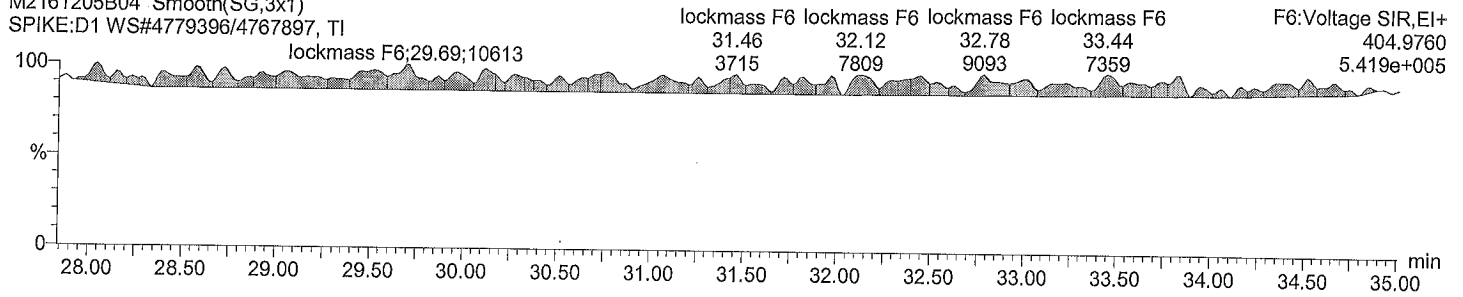
lockmass F5

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI



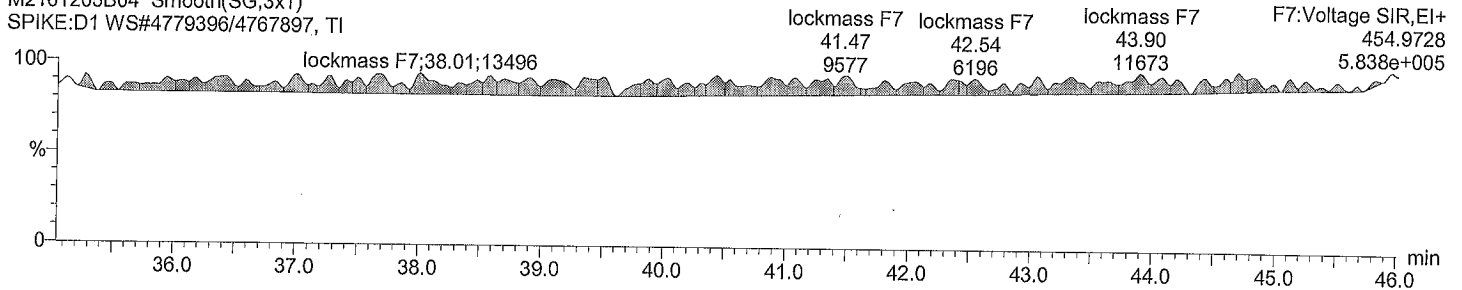
lockmass F6

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI



lockmass F7

M2161205B04 Smooth(SG,3x1)
SPIKE:D1 WS#4779396/4767897, TI



LABORATORY METHOD BLANK

| | | | | |
|------------------------------|-----------------------|---------------------------|------------------|-------------------|
| Lab Name | Maxxam Analytics Inc. | | Lab Sample ID: | B6N4556-4779396B |
| Method | EPA 1668A m | | Project Number: | PORT GAMBLE |
| Matrix: | tissue | | Project Name: | |
| Sample wt/vol: | 10.00 | (g) <u>g (dry weight)</u> | Lab File ID: | M2161205B07 |
| Level (low/med): | low | | Date Received: | Not applicable |
| % Moisture: | N/A | Decanted (Y/N): <u>N</u> | Date Extracted: | November 28, 2016 |
| Concentrated Extract Volume: | 100 | (uL) | Lab Batch: | 4779396 |
| Injection Volume: | 1 | (uL) | Date Analyzed: | December 6, 2016 |
| Acid Wash Cleanup (Y/N): | N | pH <u>Not analyzed</u> | Calib. Ref.: | November 29, 2016 |
| Carbon Column Cleanup (Y/N): | N | | Time Analyzed: | 00:39 |
| GPC Column Cleanup (Y/N): | N | | Dilution Factor: | 1 |

| CAS Number | Compound | Concentration (ng/g) | Qualifier | EDL (ng/g) | REPORTING LIMIT (ng/g) |
|-----------------|--------------------------|----------------------|-----------|------------|------------------------|
| 2051-60-7 | 2-MonoCB-(1) | 0.0011 | U | 0.0011 | 0.010 |
| 33146-45-1 | 2,6-DiCB-(10) | 0.019 | U | 0.019 | 0.010 |
| 60145-21-3 | 22'45'6'-PentaCB-(103) | 0.00097 | U | 0.00097 | 0.010 |
| 56558-16-8 | 22'466'-PentaCB-(104) | 0.00017 | U | 0.00017 | 0.010 |
| 32598-14-4 | 233'44'-PentaCB-(105) | 0.00127 | J | 0.00040 | 0.010 |
| 70424-69-0 | 233'45'-PentaCB-(106) | 0.00029 | U | 0.00029 | 0.010 |
| 70424-68-9 | 233'4'5'-PentaCB-(107) | 0.00025 | U | 0.00025 | 0.010 |
| 70362-41-3 | PentaCB-(108)+(124) | 0.00028 | U | 0.00028 | 0.020 |
| 2050-67-1 | 3,3'-DiCB-(11) | 0.0071 | U | 0.0071 | 0.010 |
| 38380-03-9 | PentaCB-(110)+(115) | 0.0025 | J | 0.0011 | 0.020 |
| 39635-32-0 | 233'55'-PentaCB-(111) | 0.00095 | U | 0.00095 | 0.010 |
| 74472-36-9 | 233'56'-PentaCB-(112) | 0.00085 | U | 0.00085 | 0.010 |
| 74472-37-0 | 2344'5'-PentaCB-(114) | 0.00039 | U | 0.00039 | 0.010 |
| 31508-00-6 | 23'44'5'-PentaCB-(118) | 0.00454 | J | 0.00040 | 0.010 |
| 2974-92-7..90-5 | DiCB-(12)+(13) | 0.0053 | U | 0.0053 | 0.020 |
| 68194-12-7 | 23'455'-PentaCB-(120) | 0.00084 | U | 0.00084 | 0.010 |
| 56558-18-0 | 23'45'6'-PentaCB-(121) | 0.00091 | U | 0.00091 | 0.010 |
| 76842-07-4 | 233'4'5'-PentaCB-(122) | 0.00030 | U | 0.00030 | 0.010 |
| 65510-44-3 | 23'44'5'-PentaCB-(123) | 0.00044 | U | 0.00044 | 0.010 |
| 57465-28-8 | 33'44'5'-PentaCB-(126) | 0.00041 | U | 0.00041 | 0.010 |
| 39635-33-1 | 33'455'-PentaCB-(127) | 0.00027 | U | 0.00027 | 0.010 |
| 38380-07-3 | HexaCB-(128)+(166) | 0.0017 | U | 0.0017 | 0.020 |
| 55215-18-4 | HexaCB-(129)+(138)+(163) | 0.0050 | J | 0.0018 | 0.030 |
| 52663-66-8 | 22'33'45'-HexaCB-(130) | 0.0020 | U | 0.0020 | 0.010 |
| 61798-70-7 | 22'33'46'-HexaCB-(131) | 0.0022 | U | 0.0022 | 0.010 |
| 38380-05-1 | 22'33'46'-HexaCB-(132) | 0.0022 | U | 0.0022 | 0.010 |
| 35694-04-3 | 22'33'55'-HexaCB-(133) | 0.0019 | U | 0.0019 | 0.010 |
| 52704-70-8 | HexaCB-(134)+(143) | 0.0020 | U | 0.0020 | 0.020 |
| 52744-13-5 | HexaCB-(135)+(151) | 0.0022 | U | 0.0022 | 0.020 |
| 38411-22-2 | 22'33'66'-HexaCB-(136) | 0.0015 | U | 0.0015 | 0.010 |
| 35694-06-5 | 22'344'5'-HexaCB-(137) | 0.0020 | U | 0.0020 | 0.010 |
| 56030-56-9 | HexaCB-(139)+(140) | 0.0018 | U | 0.0018 | 0.020 |
| 34883-41-5 | 3,5-DiCB-(14) | 0.0046 | U | 0.0046 | 0.010 |
| 52712-04-6 | 22'3455'-HexaCB-(141) | 0.0018 | U | 0.0018 | 0.010 |
| 41411-61-4 | 22'3456'-HexaCB-(142) | 0.0019 | U | 0.0019 | 0.010 |
| 68194-14-9 | 22'345'6'-HexaCB-(144) | 0.0021 | U | 0.0021 | 0.010 |
| 74472-40-5 | 22'3466'-HexaCB-(145) | 0.0017 | U | 0.0017 | 0.010 |
| 51908-16-8 | 22'34'55'-HexaCB-(146) | 0.0016 | U | 0.0016 | 0.010 |
| 68194-13-8 | HexaCB-(147)+(149) | 0.0018 | U | 0.0018 | 0.020 |
| 74472-41-6 | 22'34'56'-HexaCB-(148) | 0.0020 | U | 0.0020 | 0.010 |
| 2050-68-2 | 4,4'-DiCB-(15) | 0.010 | U | 0.010 | 0.010 |
| 68194-08-1 | 22'34'66'-HexaCB-(150) | 0.0016 | U | 0.0016 | 0.010 |
| 68194-09-2 | 22'3566'-HexaCB-(152) | 0.0014 | U | 0.0014 | 0.010 |
| 35065-27-1 | HexaCB-(153)+(168) | 0.0039 | U | 0.0039 | 0.010 |
| 60145-22-4 | 22'44'56'-HexaCB-(154) | 0.0019 | U | 0.0019 | 0.010 |
| 33979-03-2 | 22'44'66'-HexaCB-(155) | 0.00092 | U | 0.00092 | 0.010 |
| 38380-08-4 | HexaCB-(156)+(157) | 0.00059 | U | 0.00059 | 0.020 |
| 74472-42-7 | 233'44'6'-HexaCB-(158) | 0.0013 | U | 0.0013 | 0.010 |

LABORATORY METHOD BLANK

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|------------------------------|------------------------------|---------------------------|------------------|--------------------------|
| Lab Name | <u>Maxxam Analytics Inc.</u> | | Lab Sample ID: | <u>B6N4556-4779396B</u> |
| Method | <u>EPA 1668A m</u> | | Project Number: | <u>PORT GAMBLE</u> |
| Matrix: | <u>tissue</u> | | Project Name: | |
| Sample wt/vol: | <u>10.00</u> | (g) <u>g (dry weight)</u> | Lab File ID: | <u>M2161205B07</u> |
| Level (low/med): | <u>low</u> | | Date Received: | <u>Not applicable</u> |
| % Moisture: | <u>N/A</u> | Decanted (Y/N): <u>N</u> | Date Extracted: | <u>November 28, 2016</u> |
| Concentrated Extract Volume: | <u>100</u> | (uL) | Lab Batch: | <u>4779396</u> |
| Injection Volume: | <u>1</u> | (uL) | Date Analyzed: | <u>December 6, 2016</u> |
| Acid Wash Cleanup (Y/N): | <u>N</u> | pH <u>Not analyzed</u> | Calib. Ref.: | <u>November 29, 2016</u> |
| Carbon Column Cleanup (Y/N): | <u>N</u> | | Time Analyzed: | <u>00:39</u> |
| GPC Column Cleanup (Y/N): | <u>N</u> | | Dilution Factor: | <u>1</u> |

| CAS Number | Compound | Concentration (ng/g) | Qualifier | EDL (ng/g) | REPORTING LIMIT (ng/g) |
|-----------------|-----------------------------|----------------------|-----------|------------|------------------------|
| 39635-35-3 | 233'455'-HexaCB-(159) | 0.00041 | U | 0.00041 | 0.010 |
| 38444-78-9 | 22'3-TriCB-(16) | 0.0046 | U | 0.0046 | 0.010 |
| 41411-62-5 | 233'456'-HexaCB-(160) | 0.0017 | U | 0.0017 | 0.010 |
| 74472-43-8 | 233'45'6'-HexaCB-(161) | 0.0014 | U | 0.0014 | 0.010 |
| 39635-34-2 | 233'4'55'-HexaCB-(162) | 0.00046 | U | 0.00046 | 0.010 |
| 74472-45-0 | 233'4'5'6'-HexaCB-(164) | 0.0015 | U | 0.0015 | 0.010 |
| 74472-46-1 | 233'55'6'-HexaCB-(165) | 0.0016 | U | 0.0016 | 0.010 |
| 52663-72-6 | 23'44'55'-HexaCB-(167) | 0.00065 | U | 0.00065 | 0.010 |
| 32774-16-6 | 33'44'55'-HexaCB-(169) | 0.00063 | U | 0.00063 | 0.010 |
| 37680-66-3 | 22'4-TriCB-(17) | 0.0041 | U | 0.0041 | 0.010 |
| 35065-30-6 | 22'33'44'5'-HeptaCB-(170) | 0.0036 | U | 0.0036 | 0.050 |
| 52663-71-5 | HeptaCB-(171)+(173) | 0.0048 | U | 0.0048 | 0.10 |
| 52663-74-8 | 22'33'455'-HeptaCB-(172) | 0.0048 | U | 0.0048 | 0.050 |
| 38411-25-5 | 22'33'456'-HeptaCB-(174) | 0.0049 | U | 0.0049 | 0.050 |
| 40186-70-7 | 22'33'45'6'-HeptaCB-(175) | 0.0021 | U | 0.0021 | 0.050 |
| 52663-65-7 | 22'33'466'-HeptaCB-(176) | 0.0016 | U | 0.0016 | 0.050 |
| 52663-70-4 | 22'33'45'6'-HeptaCB-(177) | 0.0048 | U | 0.0048 | 0.050 |
| 52663-67-9 | 22'33'55'6'-HeptaCB-(178) | 0.0023 | U | 0.0023 | 0.050 |
| 52663-64-6 | 22'33'566'-HeptaCB-(179) | 0.0016 | U | 0.0016 | 0.050 |
| 37680-65-2 | TriCB-(18)+(30) | 0.0033 | U | 0.0033 | 0.020 |
| 35065-29-3 | HeptaCB-(180)+(193) | 0.0034 | U | 0.0034 | 0.10 |
| 74472-47-2 | 22'344'56'-HeptaCB-(181) | 0.0050 | U | 0.0050 | 0.050 |
| 60145-23-5 | 22'344'56'-HeptaCB-(182) | 0.0022 | U | 0.0022 | 0.050 |
| 52663-69-1 | 22'344'5'6'-HeptaCB-(183) | 0.0041 | U | 0.0041 | 0.050 |
| 74472-48-3 | 22'344'66'-HeptaCB-(184) | 0.0017 | U | 0.0017 | 0.050 |
| 52712-05-7 | 22'3455'6'-HeptaCB-(185) | 0.0048 | U | 0.0048 | 0.050 |
| 74472-49-4 | 22'34566'-HeptaCB-(186) | 0.0018 | U | 0.0018 | 0.050 |
| 52663-68-0 | 22'34'55'6'-HeptaCB-(187) | 0.0023 | U | 0.0023 | 0.050 |
| 74487-85-7 | 22'34'566'-HeptaCB-(188) | 0.00079 | U | 0.00079 | 0.010 |
| 39635-31-9 | 233'44'55'-HeptaCB-(189) | 0.0011 | U | 0.0011 | 0.010 |
| 38444-73-4 | 22'6-TriCB-(19) | 0.0025 | U | 0.0025 | 0.010 |
| 41411-64-7 | 233'44'56'-HeptaCB-(190) | 0.0037 | U | 0.0037 | 0.050 |
| 74472-50-7 | 233'44'5'6'-HeptaCB-(191) | 0.0035 | U | 0.0035 | 0.050 |
| 74472-51-8 | 233'455'6'-HeptaCB-(192) | 0.0042 | U | 0.0042 | 0.050 |
| 35694-08-7 | 22'33'44'55'-OctaCB-(194) | 0.0023 | U | 0.0023 | 0.050 |
| 52663-78-2 | 22'33'44'56'-OctaCB-(195) | 0.0025 | U | 0.0025 | 0.050 |
| 42740-50-1 | 22'33'44'56'-OctaCB-(196) | 0.0049 | U | 0.0049 | 0.050 |
| 33091-17-7 | 22'33'44'66'-OctaCB-(197) | 0.0039 | U | 0.0039 | 0.050 |
| 68194-17-2 | OctaCB-(198)+(199) | 0.0051 | U | 0.0051 | 0.10 |
| 2051-61-8 | 3-MonoCB-(2) | 0.00082 | U | 0.00082 | 0.010 |
| 38444-84-7 | TriCB-(20) + (28) | 0.00092 | J | 0.00055 | 0.020 |
| 52663-73-7 | 22'33'4566'-OctaCB-(200) | 0.0033 | U | 0.0033 | 0.050 |
| 40186-71-8 | 22'33'45'66'-OctaCB-(201) | 0.0034 | U | 0.0034 | 0.050 |
| 2136-99-4 | 22'33'55'66'-OctaCB-(202) | 0.0035 | U | 0.0035 | 0.050 |
| 52663-76-0 | 22'344'55'6'-OctaCB-(203) | 0.0052 | U | 0.0052 | 0.050 |
| 74472-52-9 | 22'344'566'-OctaCB-(204) | 0.0034 | U | 0.0034 | 0.050 |
| 74472-53-0 | 233'44'55'6'-OctaCB-(205) | 0.00069 | U | 0.00069 | 0.010 |
| 40186-72-9 | 22'33'44'55'6'-NonaCB-(206) | 0.0022 | U | 0.0022 | 0.010 |
| 52663-79-3 | 22'33'44'566'-NonaCB-(207) | 0.0018 | U | 0.0018 | 0.010 |
| 52663-77-1 | 22'33'455'66'-NonaCB-(208) | 0.0021 | U | 0.0021 | 0.010 |

LABORATORY METHOD BLANK

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|------------------------------|------------------------------|---------------------------|------------------|--------------------------|
| Lab Name | <u>Maxxam Analytics Inc.</u> | | Lab Sample ID: | <u>B6N4556-4779396B</u> |
| Method | <u>EPA 1668A m</u> | | Project Number: | <u>PORT GAMBLE</u> |
| Matrix: | <u>tissue</u> | | Project Name: | |
| Sample wt/vol: | <u>10.00</u> | (g) <u>g (dry weight)</u> | Lab File ID: | <u>M2161205B07</u> |
| Level (low/med): | <u>low</u> | | Date Received: | <u>Not applicable</u> |
| % Moisture: | <u>N/A</u> | Decanted (Y/N): <u>N</u> | Date Extracted: | <u>November 28, 2016</u> |
| Concentrated Extract Volume: | <u>100</u> | (uL) | Lab Batch: | <u>4779396</u> |
| Injection Volume: | <u>1</u> | (uL) | Date Analyzed: | <u>December 6, 2016</u> |
| Acid Wash Cleanup (Y/N): | <u>N</u> | pH <u>Not analyzed</u> | Calib. Ref.: | <u>November 29, 2016</u> |
| Carbon Column Cleanup (Y/N): | <u>N</u> | | Time Analyzed: | <u>00:39</u> |
| GPC Column Cleanup (Y/N): | <u>N</u> | | Dilution Factor: | <u>1</u> |

| CAS Number | Compound | Concentration (ng/g) | Qualifier | EDL (ng/g) | REPORTING LIMIT (ng/g) |
|-----------------|-----------------------------|----------------------|-----------|------------|------------------------|
| 2051-24-3 | DecaCB-(209) | 0.0017 | U | 0.0017 | 0.010 |
| 55702-46-0 | TriCB-(21)+(33) | 0.00054 | U | 0.00054 | 0.020 |
| 38444-85-8 | 234'-TriCB-(22) | 0.00061 | U | 0.00061 | 0.010 |
| 55720-44-0 | 235'-TriCB-(23) | 0.00058 | U | 0.00058 | 0.010 |
| 55702-45-9 | 236'-TriCB-(24) | 0.0036 | U | 0.0036 | 0.010 |
| 55712-37-3 | 234'-TriCB-(25) | 0.00051 | U | 0.00051 | 0.010 |
| 38444-81-4 | TriCB-(26)+(29) | 0.00051 | U | 0.00051 | 0.020 |
| 38444-76-7 | 236'-TriCB-(27) | 0.0028 | U | 0.0028 | 0.010 |
| 2051-62-9 | 4-MonoCB-(3) | 0.0011 | U | 0.0011 | 0.010 |
| 16606-02-3 | 245'-TriCB-(31) | 0.00068 | U | 0.00068 | 0.010 |
| 38444-77-8 | 246'-TriCB-(32) | 0.0026 | U | 0.0026 | 0.010 |
| 37680-68-5 | 235'-TriCB-(34) | 0.00051 | U | 0.00051 | 0.010 |
| 37680-69-6 | 334'-TriCB-(35) | 0.00053 | U | 0.00053 | 0.010 |
| 38444-87-0 | 335'-TriCB-(36) | 0.00046 | U | 0.00046 | 0.010 |
| 38444-90-5 | 344'-TriCB-(37) | 0.0011 | U | 0.0011 | 0.010 |
| 53555-66-1 | 345'-TriCB-(38) | 0.00055 | U | 0.00055 | 0.010 |
| 38444-88-1 | 345'-TriCB-(39) | 0.00056 | U | 0.00056 | 0.010 |
| 13029-08-8 | 22'-DiCB-(4) | 0.016 | U | 0.016 | 0.010 |
| 38444-93-8 | TetraCB-(40)+(41)+(71) | 0.0016 | U | 0.0016 | 0.030 |
| 36559-22-5 | 22'34'-TetraCB-(42) | 0.0018 | U | 0.0018 | 0.010 |
| 70362-46-8 | 22'35'-TetraCB-(43) | 0.0025 | U | 0.0025 | 0.010 |
| 41464-39-5 | TetraCB-(44)+(47)+(65) | 0.0040 | U | 0.0040 | 0.030 |
| 70362-45-7 | TetraCB-(45)+(51) | 0.0016 | U | 0.0016 | 0.020 |
| 41464-47-5 | 22'36'-TetraCB-(46) | 0.0018 | U | 0.0018 | 0.010 |
| 70362-47-9 | 22'45'-TetraCB-(48) | 0.0017 | U | 0.0017 | 0.010 |
| 41464-47-5 | TetraCB-(49)+TetraCB-(69) | 0.0014 | U | 0.0014 | 0.020 |
| 16605-91-7 | 2,3-DiCB-(5) | 0.0059 | U | 0.0059 | 0.010 |
| 62796-65-0 | TetraCB-(50)+(53) | 0.0015 | U | 0.0015 | 0.020 |
| 35693-99-3 | 22'55'-TetraCB-(52) | 0.0015 | U | 0.0015 | 0.010 |
| 15968-05-5 | 22'66'-TetraCB-(54) | 0.00026 | U | 0.00026 | 0.010 |
| 74338-24-2 | 233'4'-TetraCB-(55) | 0.0010 | U | 0.0010 | 0.010 |
| 41464-43-1 | 233'4'-TetraCB-(56) | 0.0010 | U | 0.0010 | 0.010 |
| 70424-67-8 | 233'5'-TetraCB-(57) | 0.00086 | U | 0.00086 | 0.010 |
| 41464-49-7 | 233'5'-TetraCB-(58) | 0.00096 | U | 0.00096 | 0.010 |
| 74472-33-6 | TetraCB-(59)+(62)+(75) | 0.0012 | U | 0.0012 | 0.030 |
| 25569-80-6 | 2,3'-DiCB-(6) | 0.0046 | U | 0.0046 | 0.010 |
| 33025-41-1 | 2344'-TetraCB-(60) | 0.0010 | U | 0.0010 | 0.010 |
| 33284-53-6 | TetraCB-(61)+(70)+(74)+(76) | 0.00169 | J | 0.00093 | 0.040 |
| 74472-34-7 | 234'5'-TetraCB-(63) | 0.00084 | U | 0.00084 | 0.010 |
| 52663-58-8 | 234'6'-TetraCB-(64) | 0.0013 | U | 0.0013 | 0.010 |
| 32598-10-0 | 23'44'-TetraCB-(66) | 0.00083 | U | 0.00083 | 0.010 |
| 73575-53-8 | 23'45'-TetraCB-(67) | 0.00080 | U | 0.00080 | 0.010 |
| 73575-52-7 | 23'45'-TetraCB-(68) | 0.00089 | U | 0.00089 | 0.010 |
| 33284-50-3 | 2,4-DiCB-(7) | 0.0052 | U | 0.0052 | 0.010 |
| 41464-42-0 | 23'55'-TetraCB-(72) | 0.00084 | U | 0.00084 | 0.010 |
| 74338-23-1 | 23'5'6'-TetraCB-(73) | 0.0012 | U | 0.0012 | 0.010 |
| 32598-13-3 | 33'44'-TetraCB-(77) | 0.0014 | U | 0.0014 | 0.010 |
| 70362-49-1 | 33'45'-TetraCB-(78) | 0.00091 | U | 0.00091 | 0.010 |
| 41464-48-6 | 33'45'-TetraCB-(79) | 0.00081 | U | 0.00081 | 0.010 |
| 34883-43-7 | 2,4'-DiCB-(8) | 0.0044 | U | 0.0044 | 0.010 |

LABORATORY METHOD BLANK

Lab Name Maxxam Analytics Inc.
 Method EPA 1668A m
 Matrix: tissue
 Sample wt/vol: 10.00 (g) g (dry weight)
 Level (low/med): low
 % Moisture: N/A Decanted (Y/N): N
 Concentrated Extract Volume: 100 (uL)
 Injection Volume: 1 (uL)
 Acid Wash Cleanup (Y/N): N pH Not analyzed
 Carbon Column Cleanup (Y/N): N
 GPC Column Cleanup (Y/N): N

Lab Sample ID: B6N4556-4779396B
 Project Number: PORT GAMBLE
 Project Name: _____
 Lab File ID: M2161205B07
 Date Received: Not applicable
 Date Extracted: November 28, 2016
 Lab Batch: 4779396
 Date Analyzed: December 6, 2016
 Calib. Ref.: November 29, 2016
 Time Analyzed: 00:39
 Dilution Factor: 1

| CAS Number | Compound | Concentration (ng/g) | Qualifier | EDL (ng/g) | REPORTING LIMIT (ng/g) |
|-----------------|-------------------------------------|----------------------|-------------------------|------------|------------------------|
| 33284-52-5 | 33'55'-TetraCB-(80) | 0.00078 | U | 0.00078 | 0.010 |
| 70362-50-4 | 344'5'-TetraCB-(81) | 0.0014 | U | 0.0014 | 0.010 |
| 52663-62-4 | 22'33'4'-PentaCB-(82) | 0.0014 | U | 0.0014 | 0.010 |
| 60145-20-2 | PentaCB-(83)+(99) | 0.0024 | U | 0.0024 | 0.020 |
| 52663-60-2 | 22'33'6'-PentaCB-(84) | 0.0013 | U | 0.0013 | 0.010 |
| 65510-45-4 | PentaCB-(85)+(116)+(117) | 0.00094 | U | 0.00094 | 0.030 |
| 55312-69-1 | PentaCB-(86)(87)(97)(109)(119)(125) | 0.0010 | U | 0.0010 | 0.060 |
| 55215-17-3 | PentaCB-(88)+(91) | 0.0012 | U | 0.0012 | 0.020 |
| 73575-57-2 | 22'346'-PentaCB-(89) | 0.0012 | U | 0.0012 | 0.010 |
| 34883-39-1 | 2,5-DiCB-(9) | 0.0045 | U | 0.0045 | 0.010 |
| 68194-07-0 | PentaCB-(90)+(101)+(113) | 0.0013 | J | 0.0010 | 0.030 |
| 52663-61-3 | 22'355'-PentaCB-(92) | 0.0011 | U | 0.0011 | 0.010 |
| 73575-56-1 | PentaCB-(93)+(98)+(100)+(102) | 0.0012 | U | 0.0012 | 0.040 |
| 73575-55-0 | 22'356'-PentaCB-(94) | 0.0013 | U | 0.0013 | 0.010 |
| 38379-99-6 | 22'35'6'-PentaCB-(95) | 0.0011 | J | 0.0011 | 0.010 |
| 73575-54-9 | 22'366'-PentaCB-(96) | 0.00030 | U | 0.00030 | 0.010 |
| 1336-36-3 | Total PCB | 0.0184 | | TBA | N/A |
| CAS Number | Surrogate | Recovery (%) | Acceptance Criteria (%) | | |
| | C13-2-MonoCB-(1) | 59 | 15 - 140 | | |
| | C13-22'466'-PentaCB-(104) | 95 | 30 - 140 | | |
| | C13-233'44'-PentaCB-(105) | 92 | 30 - 140 | | |
| | C13-233'55'-PentaCB-(111) | 86 | 40 - 125 | | |
| | C13-2344'5'-PentaCB-(114) | 92 | 30 - 140 | | |
| | C13-23'44'5'-PentaCB-(118) | 93 | 30 - 140 | | |
| | C13-2'344'5'-PentaCB-(123) | 93 | 30 - 140 | | |
| | C13-33'44'5'-PentaCB-(126) | 87 | 30 - 140 | | |
| | C13-44'-DiCB-(15) | 85 | 30 - 140 | | |
| | C13-22'44'66'-HexaCB-(155) | 106 | 30 - 140 | | |
| | C13-HexaCB-(156)+(157) | 88 | 30 - 140 | | |
| | C13-23'44'55'-HexaCB-(167) | 87 | 30 - 140 | | |
| | C13-33'44'55'-HexaCB-(169) | 56 | 30 - 140 | | |
| | C13-22'33'44'5'-HeptaCB-(170) | 96 | 30 - 140 | | |
| | C13-22'33'55'6'-HeptaCB-(178) | 93 | 40 - 125 | | |
| | C13-22'344'55'-HeptaCB-(180) | 95 | 30 - 140 | | |
| | C13-22'34'566'-HeptaCB-(188) | 102 | 30 - 140 | | |
| | C13-233'44'55'-HeptaCB-(189) | 125 | 30 - 140 | | |
| | C13-22'6'-TriCB-(19) | 74 | 30 - 140 | | |
| | C13-22'33'55'66'-OctaCB-(202) | 98 | 30 - 140 | | |
| | C13-233'44'55'6'-OctaCB-(205) | 95 | 30 - 140 | | |
| | C13-22'33'44'55'6'-NonaCB-(206) | 87 | 30 - 140 | | |
| | C13-22'33'455'66'-NonaCB-(208) | 117 | 30 - 140 | | |
| 105600-27-9 | C13-DecaCB-(209) | 84 | 30 - 140 | | |
| | C13-2,44'-TriCB-(28) | 81 | 40 - 125 | | |
| | C13-4-MonoCB-(3) | 60 | 15 - 140 | | |
| | C13-344'-TriCB-(37) | 90 | 30 - 140 | | |
| | C13-22'-DiCB-(4) | 68 | 30 - 140 | | |
| | C13-22'66'-TetraCB-(54) | 92 | 30 - 140 | | |
| | C13-33'44'-TetraCB-(77) | 87 | 30 - 140 | | |
| | C13-344'5'-TetraCB-(81) | 88 | 30 - 140 | | |

* Final Data *

Filename M2161205B07
 Acquired 12/06/2016 0:39
 Call File m2161205B_209

Sample ID BLANK
 Comments
 Instrument File Ultima 3
 Sample Size 10

From 6X Dilution

Dil Fac 1.00

| Name | mass | RT | Area | ratio | Tot Area | ng/g | Code | Isomers | DL | S/N | Mod | rrf | Rec |
|--------------|-----------|--------|----------|-------|----------|----------|------------|---------|----------|-----|-----|-------|-----|
| 1 PCB 1 | 188 | NotFnd | * | * | * | -0.00108 | | | -0.00108 | * | no | 1.296 | - |
| | MoCB 190 | 8.83 | * | no | * | | | | | * | no | | |
| 2 PCB 2 | 188 | NotFnd | * | * | * | -0.00082 | | | -0.00082 | * | no | 1.697 | - |
| | MoCB 190 | 9.94 | * | no | * | | | | | * | no | | |
| 3 PCB 3 | 188 | NotFnd | * | * | * | -0.00109 | | | -0.00109 | * | no | 1.276 | - |
| | MoCB 190 | 10.02 | * | no | * | | | | | * | no | | |
| 4 PCB 4 | 222 | NotFnd | * | * | * | -0.01571 | | | -0.01571 | * | no | 1.186 | - |
| | DICB 224 | 10.13 | * | no | * | | | | | * | no | | |
| 5 PCB 10 | 222 | NotFnd | * | * | * | -0.0186 | | | -0.0186 | * | no | 1.002 | - |
| | DICB 224 | 10.22 | * | no | * | | | | | * | no | | |
| 6 PCB 9 | 222 | NotFnd | * | * | * | -0.00454 | | | -0.00454 | * | no | 2.318 | - |
| | DICB 224 | 11.02 | * | no | * | | | | | * | no | | |
| 7 PCB 7 | 222 | NotFnd | * | * | * | -0.00522 | | | -0.00522 | * | no | 2.015 | - |
| | DICB 224 | 11.10 | * | no | * | | | | | * | no | | |
| 8 PCB 6 | 222 | NotFnd | * | * | * | -0.00462 | | | -0.00462 | * | no | 2.278 | - |
| | DICB 224 | 11.20 | * | no | * | | | | | * | no | | |
| 9 PCB 5 | 222 | NotFnd | * | * | * | -0.0059 | | | -0.0059 | * | no | 1.783 | - |
| | DICB 224 | 11.32 | * | no | * | | | | | * | no | | |
| 10 PCB 8 | 222 | NotFnd | * | * | * | -0.00436 | | | -0.00436 | * | no | 2.416 | - |
| | DICB 224 | 11.38 | * | no | * | | | | | * | no | | |
| 11 PCB 14 | 222 | NotFnd | * | * | * | -0.0046 | | | -0.0046 | * | no | 2.288 | - |
| | DICB 224 | 12.08 | * | no | * | | | | | * | no | | |
| 12 PCB 11 | 222 | 12.44 | -11020 | 1.56 | -18084.1 | -0.00708 | PCB 11 NDR | | -0.00484 | 113 | xL | 2.176 | - |
| | DICB 224 | 12.45 | -7064.1 | OK | * | | | | | 4 | no | | |
| 13 PCB 13/12 | 222 | NotFnd | * | * | * | -0.00532 | | | -0.00532 | * | no | 1.978 | - |
| | DICB 224 | 12.59 | * | no | * | | | | | * | no | | |
| 14 PCB 15 | 222 | NotFnd | * | * | * | -0.0101 | | | -0.0101 | * | no | 1.042 | - |
| | DICB 224 | 12.73 | * | no | * | | | | | * | no | | |
| 15 PCB 19 | 256 | NotFnd | * | * | * | -0.00246 | | | -0.00246 | * | no | 1.156 | - |
| | TriCB 258 | 11.49 | * | no | * | | | | | * | no | | |
| 16 PCB 30/18 | 256 | NotFnd | * | * | * | -0.0033 | | | -0.0033 | * | no | 0.864 | - |
| | TriCB 258 | 12.30 | * | no | * | | | | | * | no | | |
| 17 PCB 17 | 256 | NotFnd | * | * | * | -0.00412 | | | -0.00412 | * | no | 0.691 | - |
| | TriCB 258 | 12.48 | * | no | * | | | | | * | no | | |
| 18 PCB 27 | 256 | NotFnd | * | * | * | -0.00283 | | | -0.00283 | * | no | 1.006 | - |
| | TriCB 258 | 12.60 | * | no | * | | | | | * | no | | |
| 19 PCB 24 | 256 | NotFnd | * | * | * | -0.00355 | | | -0.00355 | * | no | 0.802 | - |
| | TriCB 258 | 12.65 | * | no | * | | | | | * | no | | |
| 20 PCB 16 | 256 | NotFnd | * | * | * | -0.00464 | | | -0.00464 | * | no | 0.614 | - |
| | TriCB 258 | 12.71 | * | no | * | | | | | * | no | | |
| 21 PCB 32 | 256 | NotFnd | * | * | * | -0.00259 | | | -0.00259 | * | no | 1.1 | - |
| | TriCB 258 | 12.93 | * | no | * | | | | | * | no | | |
| 22 PCB 34 | 256 | NotFnd | * | * | * | -0.00051 | | | -0.00051 | * | no | 2.11 | - |
| | TriCB 258 | 13.52 | * | no | * | | | | | * | no | | |
| 23 PCB 23 | 256 | NotFnd | * | * | * | -0.00058 | | | -0.00058 | * | no | 1.864 | - |
| | TriCB 258 | 13.61 | * | no | * | | | | | * | no | | |
| 24 PCB 26/29 | 256 | NotFnd | * | * | * | -0.00051 | | | -0.00051 | * | no | 2.13 | - |
| | TriCB 258 | 13.76 | * | no | * | | | | | * | no | | |
| 25 PCB 25 | 256 | NotFnd | * | * | * | -0.00051 | | | -0.00051 | * | no | 2.103 | - |
| | TriCB 258 | 13.84 | * | no | * | | | | | * | no | | |
| 26 PCB 31 | 256 | 14.01 | -978 | 1.04 | -1918.38 | -0.00068 | PCB 31 NDR | | -0.00049 | 5 | xL | 2.202 | - |
| | TriCB 258 | 14.00 | -940.385 | OK | * | | | | | 7 | no | | |
| 27 PCB 28/20 | 256 | 14.17 | 1212 | 1.09 | 2320 | 0.000917 | | | -0.00055 | 6 | no | 1.971 | - |
| | TriCB 258 | 14.16 | 1109 | yes | * | | | | | 7 | no | | |
| 28 PCB 21/33 | 256 | 14.29 | 727 | 1.15 | 1360 | -0.00054 | | | -0.00054 | * | yes | 2.008 | - |
| | TriCB 258 | 14.26 | 633 | no | * | | | | | * | no | | |
| 29 PCB 22 | 256 | NotFnd | * | * | * | -0.00061 | | | -0.00061 | * | no | 1.758 | - |
| | TriCB 258 | 14.46 | * | no | * | | | | | * | no | | |
| 30 PCB 36 | 256 | NotFnd | * | * | * | -0.00046 | | | -0.00046 | * | no | 2.334 | - |
| | TriCB 258 | 15.29 | * | no | * | | | | | * | no | | |
| 31 PCB 39 | 256 | NotFnd | * | * | * | -0.00056 | | | -0.00056 | * | no | 1.922 | - |
| | TriCB 258 | 15.51 | * | no | * | | | | | * | no | | |
| 32 PCB 38 | 256 | NotFnd | * | * | * | -0.00055 | | | -0.00055 | * | no | 1.971 | - |
| | TriCB 258 | 15.86 | * | no | * | | | | | * | no | | |
| 33 PCB 35 | 256 | NotFnd | * | * | * | -0.00053 | | | -0.00053 | * | no | 2.017 | - |
| | TriCB 258 | 16.13 | * | no | * | | | | | * | no | | |
| 34 PCB 37 | 256 | NotFnd | * | * | * | -0.00109 | | | -0.00109 | * | no | 0.985 | - |
| | TriCB 258 | 16.37 | * | no | * | | | | | * | no | | |
| 35 PCB 54 | 290 | NotFnd | * | * | * | -0.00026 | | | -0.00026 | * | no | 1.02 | - |
| | TCB 292 | 12.88 | * | no | * | | | | | * | no | | |
| 36 PCB 53/50 | 290 | NotFnd | * | * | * | -0.00152 | | | -0.00152 | * | no | 0.872 | - |
| | TCB 292 | 13.89 | * | no | * | | | | | * | no | | |
| 37 PCB 45/51 | 290 | NotFnd | * | * | * | -0.0016 | | | -0.0016 | * | no | 0.826 | - |
| | TCB 292 | 14.24 | * | no | * | | | | | * | no | | |
| 38 PCB 46 | 290 | NotFnd | * | * | * | -0.00182 | | | -0.00182 | * | no | 0.727 | - |
| | TCB 292 | 14.39 | * | no | * | | | | | * | no | | |
| 39 PCB 52 | 290 | NotFnd | * | * | * | -0.00146 | | | -0.00146 | * | no | 0.905 | - |
| | TCB 292 | 15.10 | * | no | * | | | | | * | no | | |
| 40 PCB 73 | 290 | NotFnd | * | * | * | -0.00118 | | | -0.00118 | * | no | 1.116 | - |
| | TCB 292 | 15.18 | * | no | * | | | | | * | no | | |
| 41 PCB 43 | 290 | NotFnd | * | * | * | -0.00246 | | | -0.00246 | * | no | 0.537 | - |
| | TCB 292 | 15.25 | * | no | * | | | | | * | no | | |
| 42 PCB 69/49 | 290 | NotFnd | * | * | * | -0.00135 | | | -0.00135 | * | no | 0.976 | - |
| | TCB 292 | 15.37 | * | no | * | | | | | * | no | | |

| | | | | | | | | | | | | |
|------------------------------|----------|--------|----------|------|----------|----------|------------------|----------|----|-----|-------|---|
| 43 PCB 48 | 290 | NotFnd | * | * | * | -0.00173 | | -0.00173 | * | no | 0.765 | - |
| | TCB 292 | 15.55 | * | no | | | | | * | | | |
| 44 PCB 44/47/65 | 290 | 15.70 | -1720.95 | 0.77 | -3955.95 | -0.00399 | PCB 44/47/65 NDR | -0.0015 | 11 | xL | 0.883 | - |
| | TCB 292 | 15.70 | -2235 | OK | | | | | 9 | | | |
| 45 PCB 59/62/75 | 290 | NotFnd | * | * | * | -0.0012 | | -0.0012 | * | no | 1.105 | - |
| | TCB 292 | 15.87 | * | no | | | | | * | | | |
| 46 PCB 42 | 290 | NotFnd | * | * | * | -0.00184 | | -0.00184 | * | no | 0.717 | - |
| | TCB 292 | 15.98 | * | no | | | | | * | | | |
| 47 PCB 40/41/71 | 290 | NotFnd | * | * | * | -0.00165 | | -0.00165 | * | no | 0.803 | - |
| | TCB 292 | 16.27 | * | no | | | | | * | | | |
| 48 PCB 64 | 290 | NotFnd | * | * | * | -0.00128 | | -0.00128 | * | no | 1.034 | - |
| | TCB 292 | 16.41 | * | no | | | | | * | | | |
| 49 PCB 72 | 290 | NotFnd | * | * | * | -0.00084 | | -0.00084 | * | no | 2.019 | - |
| | TCB 292 | 16.89 | * | no | | | | | * | | | |
| 50 PCB 68 | 290 | 17.06 | 578 | 0.6 | 1540 | -0.00089 | | -0.00089 | * | yes | 1.893 | - |
| | TCB 292 | 17.06 | 983 | no | | | | | * | | | |
| 51 PCB 57 | 290 | NotFnd | * | * | * | -0.00086 | | -0.00086 | * | no | 1.963 | - |
| | TCB 292 | 17.35 | * | no | | | | | * | | | |
| 52 PCB 58 | 290 | NotFnd | * | * | * | -0.00096 | | -0.00096 | * | no | 1.762 | - |
| | TCB 292 | 17.50 | * | no | | | | | * | | | |
| 53 PCB 67 | 290 | NotFnd | * | * | * | -0.0008 | | -0.0008 | * | no | 2.107 | - |
| | TCB 292 | 17.61 | * | no | | | | | * | | | |
| 54 PCB 63 | 290 | NotFnd | * | * | * | -0.00084 | | -0.00084 | * | no | 2.019 | - |
| | TCB 292 | 17.77 | * | no | | | | | * | | | |
| 55 PCB 61/70/74/76 | 290 | 18.05 | 1411 | 0.7 | 3439 | 0.00169 | | -0.00093 | 3 | no | 1.816 | - |
| | TCB 292 | 18.00 | 2028 | yes | | | | | 3 | | | |
| 56 PCB 66 | 290 | NotFnd | * | * | * | -0.00083 | | -0.00083 | * | no | 2.026 | - |
| | TCB 292 | 18.21 | * | no | | | | | * | | | |
| 57 PCB 55 | 290 | NotFnd | * | * | * | -0.001 | | -0.001 | * | no | 1.69 | - |
| | TCB 292 | 18.34 | * | no | | | | | * | | | |
| 58 PCB 56 | 290 | NotFnd | * | * | * | -0.00102 | | -0.00102 | * | no | 1.654 | - |
| | TCB 292 | 18.68 | * | no | | | | | * | | | |
| 59 PCB 60 | 290 | NotFnd | * | * | * | -0.00102 | | -0.00102 | * | no | 1.65 | - |
| | TCB 292 | 18.84 | * | no | | | | | * | | | |
| 60 PCB 80 | 290 | NotFnd | * | * | * | -0.00078 | | -0.00078 | * | no | 2.158 | - |
| | TCB 292 | 19.09 | * | no | | | | | * | | | |
| 61 PCB 79 | 290 | NotFnd | * | * | * | -0.00081 | | -0.00081 | * | no | 2.095 | - |
| | TCB 292 | 20.23 | * | no | | | | | * | | | |
| 62 PCB 78 | 290 | NotFnd | * | * | * | -0.00091 | | -0.00091 | * | no | 1.857 | - |
| | TCB 292 | 20.67 | * | no | | | | | * | | | |
| 63 PCB 81 | 290 | NotFnd | * | * | * | -0.00145 | | -0.00145 | * | no | 1.167 | - |
| | TCB 292 | 20.98 | * | no | | | | | * | | | |
| 64 PCB 77 | 290 | NotFnd | * | * | * | -0.00139 | | -0.00139 | * | no | 1.216 | - |
| | TCB 292 | 21.43 | * | no | | | | | * | | | |
| 65 PCB 104 | 326 | NotFnd | * | * | * | -0.00017 | | -0.00017 | * | no | 1.188 | - |
| | PeCB 328 | 15.65 | * | no | | | | | * | | | |
| 66 PCB 96 | 326 | NotFnd | * | * | * | -0.0003 | | -0.0003 | * | no | 0.682 | - |
| | PeCB 328 | 15.87 | * | no | | | | | * | | | |
| 67 PCB 103 | 326 | NotFnd | * | * | * | -0.00097 | | -0.00097 | * | no | 0.759 | - |
| | PeCB 328 | 17.01 | * | no | | | | | * | | | |
| 68 PCB 94 | 326 | NotFnd | * | * | * | -0.00132 | | -0.00132 | * | no | 0.555 | - |
| | PeCB 328 | 17.15 | * | no | | | | | * | | | |
| 69 PCB 95 | 326 | 17.44 | 559 | 1.4 | 957 | 0.00112 | | -0.00107 | 3 | yes | 0.687 | - |
| | PeCB 328 | 17.44 | 398 | yes | | | | | 3 | | | |
| 70 PCB 100/93/102/98 | 326 | NotFnd | * | * | * | -0.00118 | | -0.00118 | * | no | 0.623 | - |
| | PeCB 328 | 17.59 | * | no | | | | | * | | | |
| 71 PCB 88/91 | 326 | NotFnd | * | * | * | -0.00117 | | -0.00117 | * | no | 0.627 | - |
| | PeCB 328 | 17.98 | * | no | | | | | * | | | |
| 72 PCB 84 | 326 | NotFnd | * | * | * | -0.00134 | | -0.00134 | * | no | 0.548 | - |
| | PeCB 328 | 18.15 | * | no | | | | | * | | | |
| 73 PCB 89 | 326 | NotFnd | * | * | * | -0.00121 | | -0.00121 | * | no | 0.604 | - |
| | PeCB 328 | 18.48 | * | no | | | | | * | | | |
| 74 PCB 121 | 326 | NotFnd | * | * | * | -0.00091 | | -0.00091 | * | no | 0.81 | - |
| | PeCB 328 | 18.73 | * | no | | | | | * | | | |
| 75 PCB 92 | 326 | NotFnd | * | * | * | -0.00115 | | -0.00115 | * | no | 0.639 | - |
| | PeCB 328 | 18.99 | * | no | | | | | * | | | |
| 76 PCB 113/90/101 | 326 | 19.42 | 746 | 1.67 | 1192 | 0.001328 | | -0.00102 | 4 | yes | 0.716 | - |
| | PeCB 328 | 19.40 | 446 | yes | | | | | 4 | | | |
| 77 PCB 83/99 | 326 | 19.84 | -1061.75 | 1.55 | -1746.75 | -0.0024 | PCB 83/99 NDR | -0.00126 | 6 | xL | 0.581 | - |
| | PeCB 328 | 19.84 | -685 | OK | | | | | 5 | | | |
| 78 PCB 112 | 326 | NotFnd | * | * | * | -0.00085 | | -0.00085 | * | no | 0.863 | - |
| | PeCB 328 | 19.95 | * | no | | | | | * | | | |
| 79 PCB 109/119/86/97/125/326 | 326 | NotFnd | * | * | * | -0.00103 | | -0.00103 | * | no | 0.714 | - |
| | PeCB 328 | 20.23 | * | no | | | | | * | | | |
| 80 PCB 117/116/85 | 326 | 20.78 | 487 | 1.73 | 768 | -0.00094 | | -0.00094 | * | yes | 0.778 | - |
| | PeCB 328 | 20.81 | 281 | no | | | | | * | | | |
| 81 PCB 110/115 | 326 | 20.90 | 1328 | 1.51 | 2207 | 0.002538 | | -0.00106 | 7 | yes | 0.694 | - |
| | PeCB 328 | 20.92 | 878 | yes | | | | | 8 | | | |
| 82 PCB 82 | 326 | NotFnd | * | * | * | -0.00135 | | -0.00135 | * | no | 0.542 | - |
| | PeCB 328 | 21.17 | * | no | | | | | * | | | |
| 83 PCB 111 | 326 | NotFnd | * | * | * | -0.00095 | | -0.00095 | * | no | 0.772 | - |
| | PeCB 328 | 21.45 | * | no | | | | | * | | | |
| 84 PCB 120 | 326 | NotFnd | * | * | * | -0.00084 | | -0.00084 | * | no | 0.877 | - |
| | PeCB 328 | 21.82 | * | no | | | | | * | | | |
| 85 PCB 108/124 | 326 | NotFnd | * | * | * | -0.00028 | | -0.00028 | * | no | 1.488 | - |
| | PeCB 328 | 22.73 | * | no | | | | | * | | | |
| 86 PCB 107 | 326 | NotFnd | * | * | * | -0.00025 | | -0.00025 | * | no | 1.663 | - |
| | PeCB 328 | 22.94 | * | no | | | | | * | | | |
| 87 PCB 123 | 326 | NotFnd | * | * | * | -0.00044 | | -0.00044 | * | no | 0.947 | - |
| | PeCB 328 | 23.05 | * | no | | | | | * | | | |
| 88 PCB 106 | 326 | NotFnd | * | * | * | -0.00029 | | -0.00029 | * | no | 1.465 | - |
| | PeCB 328 | 23.17 | * | no | | | | | * | | | |
| 89 PCB 118 | 326 | 23.34 | 4192 | 1.61 | 6791 | 0.004539 | | -0.0004 | 33 | no | 1.042 | - |
| | PeCB 328 | 23.37 | 2599 | yes | | | | | 33 | | | |

| | | | | | | | | | | | |
|---------------------|----------|--------|-------|------|-------|----------|----------|----|-----|-------|---|
| 90 PCB 122 | 326 | NotFnd | * | * | * | -0.0003 | -0.0003 | * | no | 1.418 | - |
| | PeCB 328 | 23.65 | * | no | * | | | * | | | |
| 91 PCB 114 | 326 | NotFnd | * | * | * | -0.00039 | -0.00039 | * | no | 1.076 | - |
| | PeCB 328 | 23.80 | * | no | * | | | * | | | |
| 92 PCB 105 | 326 | 24.37 | 1124 | 1.66 | 1802 | 0.00127 | -0.0004 | 9 | no | 1.04 | - |
| | PeCB 328 | 24.39 | 678 | yes | * | | | 9 | | | |
| 93 PCB 127 | 326 | NotFnd | * | * | * | -0.00027 | -0.00027 | * | no | 1.583 | - |
| | PeCB 328 | 25.66 | * | no | * | | | * | | | |
| 94 PCB 126 | 326 | NotFnd | * | * | * | -0.00041 | -0.00041 | * | no | 1.037 | - |
| | PeCB 328 | 27.18 | * | no | * | | | * | | | |
| 95 PCB 155 | 360 | NotFnd | * | * | * | -0.00092 | -0.00092 | * | no | 1.079 | - |
| | HxCB 362 | 19.26 | * | no | * | | | * | | | |
| 96 PCB 152 | 360 | NotFnd | * | * | * | -0.00145 | -0.00145 | * | no | 0.686 | - |
| | HxCB 362 | 19.42 | * | no | * | | | * | | | |
| 97 PCB 150 | 360 | NotFnd | * | * | * | -0.00164 | -0.00164 | * | no | 0.606 | - |
| | HxCB 362 | 19.53 | * | no | * | | | * | | | |
| 98 PCB 136 | 360 | NotFnd | * | * | * | -0.00151 | -0.00151 | * | no | 0.659 | - |
| | HxCB 362 | 19.80 | * | no | * | | | * | | | |
| 99 PCB 145 | 360 | NotFnd | * | * | * | -0.00174 | -0.00174 | * | no | 0.57 | - |
| | HxCB 362 | 20.03 | * | no | * | | | * | | | |
| 100 PCB 148 | 360 | NotFnd | * | * | * | -0.00202 | -0.00202 | * | no | 0.491 | - |
| | HxCB 362 | 21.13 | * | no | * | | | * | | | |
| 101 PCB 151/135 | 360 | NotFnd | * | * | * | -0.00224 | -0.00224 | * | no | 0.442 | - |
| | HxCB 362 | 21.63 | * | no | * | | | * | | | |
| 102 PCB 154 | 360 | NotFnd | * | * | * | -0.00188 | -0.00188 | * | no | 0.528 | - |
| | HxCB 362 | 21.82 | * | no | * | | | * | | | |
| 103 PCB 144 | 360 | NotFnd | * | * | * | -0.00212 | -0.00212 | * | no | 0.469 | - |
| | HxCB 362 | 22.06 | * | no | * | | | * | | | |
| 104 PCB 147/149 | 360 | 22.37 | 655 | 1.33 | 1149 | -0.00176 | -0.00176 | * | yes | 0.665 | - |
| | HxCB 362 | 22.36 | 494 | no | * | | | * | | | |
| 105 PCB 134/143 | 360 | NotFnd | * | * | * | -0.00198 | -0.00198 | * | no | 0.593 | - |
| | HxCB 362 | 22.61 | * | no | * | | | * | | | |
| 106 PCB 139/140 | 360 | NotFnd | * | * | * | -0.00176 | -0.00176 | * | no | 0.666 | - |
| | HxCB 362 | 22.88 | * | no | * | | | * | | | |
| 107 PCB 131 | 360 | NotFnd | * | * | * | -0.00217 | -0.00217 | * | no | 0.54 | - |
| | HxCB 362 | 23.06 | * | no | * | | | * | | | |
| 108 PCB 142 | 360 | NotFnd | * | * | * | -0.00194 | -0.00194 | * | no | 0.603 | - |
| | HxCB 362 | 23.19 | * | no | * | | | * | | | |
| 109 PCB 132 | 360 | NotFnd | * | * | * | -0.00222 | -0.00222 | * | no | 0.528 | - |
| | HxCB 362 | 23.44 | * | no | * | | | * | | | |
| 110 PCB 133 | 360 | NotFnd | * | * | * | -0.00186 | -0.00186 | * | no | 0.629 | - |
| | HxCB 362 | 23.84 | * | no | * | | | * | | | |
| 111 PCB 165 | 360 | NotFnd | * | * | * | -0.00159 | -0.00159 | * | no | 0.735 | - |
| | HxCB 362 | 24.17 | * | no | * | | | * | | | |
| 112 PCB 146 | 360 | NotFnd | * | * | * | -0.00164 | -0.00164 | * | no | 0.715 | - |
| | HxCB 362 | 24.40 | * | no | * | | | * | | | |
| 113 PCB 161 | 360 | NotFnd | * | * | * | -0.00136 | -0.00136 | * | no | 0.864 | - |
| | HxCB 362 | 24.52 | * | no | * | | | * | | | |
| 114 PCB 153/168 | 360 | 24.97 | -1829 | 1.24 | -3304 | -0.00392 | -0.0015 | 11 | xL | 0.783 | - |
| | HxCB 362 | 24.98 | -1475 | OK | * | | | 9 | | | |
| 115 PCB 141 | 360 | NotFnd | * | * | * | -0.00181 | -0.00181 | * | no | 0.648 | - |
| | HxCB 362 | 25.13 | * | no | * | | | * | | | |
| 116 PCB 130 | 360 | NotFnd | * | * | * | -0.00202 | -0.00202 | * | no | 0.581 | - |
| | HxCB 362 | 25.50 | * | no | * | | | * | | | |
| 117 PCB 137 | 360 | NotFnd | * | * | * | -0.00203 | -0.00203 | * | no | 0.577 | - |
| | HxCB 362 | 25.70 | * | no | * | | | * | | | |
| 118 PCB 164 | 360 | NotFnd | * | * | * | -0.00147 | -0.00147 | * | no | 0.796 | - |
| | HxCB 362 | 25.82 | * | no | * | | | * | | | |
| 119 PCB 138/163/129 | 360 | 26.10 | 1985 | 1.37 | 3435 | 0.005038 | -0.00178 | 8 | no | 0.657 | - |
| | HxCB 362 | 26.11 | 1450 | yes | * | | | 9 | | | |
| 120 PCB 160 | 360 | NotFnd | * | * | * | -0.00169 | -0.00169 | * | no | 0.695 | - |
| | HxCB 362 | 26.28 | * | no | * | | | * | | | |
| 121 PCB 158 | 360 | NotFnd | * | * | * | -0.00134 | -0.00134 | * | no | 0.872 | - |
| | HxCB 362 | 26.46 | * | no | * | | | * | | | |
| 122 PCB 128/166 | 360 | NotFnd | * | * | * | -0.00167 | -0.00167 | * | no | 0.7 | - |
| | HxCB 362 | 27.27 | * | no | * | | | * | | | |
| 123 PCB 159 | 360 | NotFnd | * | * | * | -0.00041 | -0.00041 | * | no | 1.501 | - |
| | HxCB 362 | 28.25 | * | no | * | | | * | | | |
| 124 PCB 162 | 360 | NotFnd | * | * | * | -0.00046 | -0.00046 | * | no | 1.338 | - |
| | HxCB 362 | 28.51 | * | no | * | | | * | | | |
| 125 PCB 167 | 360 | NotFnd | * | * | * | -0.00065 | -0.00065 | * | no | 0.951 | - |
| | HxCB 362 | 29.01 | * | no | * | | | * | | | |
| 126 PCB 156/157 | 360 | 30.13 | 449 | 1.98 | 675 | -0.00069 | -0.00059 | * | yes | 1.036 | - |
| | HxCB 362 | 30.16 | 226 | no | * | | | * | | | |
| 127 PCB 169 | 360 | NotFnd | * | * | * | -0.00063 | -0.00063 | * | no | 0.973 | - |
| | HxCB 362 | 33.53 | * | no | * | | | * | | | |
| 128 PCB 188 | 394 | NotFnd | * | * | * | -0.00079 | -0.00079 | * | no | 1.053 | - |
| | HpCB 396 | 23.79 | * | no | * | | | * | | | |
| 129 PCB 179 | 394 | NotFnd | * | * | * | -0.00156 | -0.00156 | * | no | 1.017 | - |
| | HpCB 396 | 24.02 | * | no | * | | | * | | | |
| 130 PCB 184 | 394 | NotFnd | * | * | * | -0.00166 | -0.00166 | * | no | 0.955 | - |
| | HpCB 396 | 24.49 | * | no | * | | | * | | | |
| 131 PCB 176 | 394 | NotFnd | * | * | * | -0.00161 | -0.00161 | * | no | 0.981 | - |
| | HpCB 396 | 24.80 | * | no | * | | | * | | | |
| 132 PCB 186 | 394 | NotFnd | * | * | * | -0.00184 | -0.00184 | * | no | 0.858 | - |
| | HpCB 396 | 25.23 | * | no | * | | | * | | | |
| 133 PCB 178 | 394 | NotFnd | * | * | * | -0.00228 | -0.00228 | * | no | 0.694 | - |
| | HpCB 396 | 26.49 | * | no | * | | | * | | | |
| 134 PCB 175 | 394 | NotFnd | * | * | * | -0.00215 | -0.00215 | * | no | 0.737 | - |
| | HpCB 396 | 27.08 | * | no | * | | | * | | | |
| 135 PCB 187 | 394 | NotFnd | * | * | * | -0.00227 | -0.00227 | * | no | 0.696 | - |
| | HpCB 396 | 27.32 | * | no | * | | | * | | | |
| 136 PCB 182 | 394 | NotFnd | * | * | * | -0.00216 | -0.00216 | * | no | 0.731 | - |
| | HpCB 396 | 27.53 | * | no | * | | | * | | | |

| | | | | | | | | | | | |
|-------------------|----------|--------|--------|------|--------|----------|----------|------|-----|-------|-----|
| 137 PCB 183 | 394 | NotFnd | * | * | * | -0.00415 | -0.00415 | * | no | 1.038 | - |
| | HpCB 396 | 27.92 | * | no | * | | | * | | | |
| 138 PCB 185 | 394 | NotFnd | * | * | * | -0.0048 | -0.0048 | * | no | 0.896 | - |
| | HpCB 396 | 28.04 | * | no | * | | | * | | | |
| 139 PCB 174 | 394 | NotFnd | * | * | * | -0.00492 | -0.00492 | * | no | 0.874 | - |
| | HpCB 396 | 28.14 | * | no | * | | | * | | | |
| 140 PCB 177 | 394 | NotFnd | * | * | * | -0.00476 | -0.00476 | * | no | 0.905 | - |
| | HpCB 396 | 28.58 | * | no | * | | | * | | | |
| 141 PCB 181 | 394 | NotFnd | * | * | * | -0.00498 | -0.00498 | * | no | 0.864 | - |
| | HpCB 396 | 28.99 | * | no | * | | | * | | | |
| 142 PCB 171/173 | 394 | NotFnd | * | * | * | -0.00477 | -0.00477 | * | no | 0.902 | - |
| | HpCB 396 | 29.21 | * | no | * | | | * | | | |
| 143 PCB 172 | 394 | NotFnd | * | * | * | -0.00484 | -0.00484 | * | no | 0.89 | - |
| | HpCB 396 | 30.85 | * | no | * | | | * | | | |
| 144 PCB 192 | 394 | NotFnd | * | * | * | -0.00424 | -0.00424 | * | no | 1.014 | - |
| | HpCB 396 | 31.16 | * | no | * | | | * | | | |
| 145 PCB 193/180 | 394 | NotFnd | * | * | * | -0.00342 | -0.00342 | * | no | 1.26 | - |
| | HpCB 396 | 31.51 | * | no | * | | | * | | | |
| 146 PCB 191 | 394 | NotFnd | * | * | * | -0.00354 | -0.00354 | * | no | 1.214 | - |
| | HpCB 396 | 31.89 | * | no | * | | | * | | | |
| 147 PCB 170 | 394 | NotFnd | * | * | * | -0.00357 | -0.00357 | * | no | 1.206 | - |
| | HpCB 396 | 32.85 | * | no | * | | | * | | | |
| 148 PCB 190 | 394 | NotFnd | * | * | * | -0.00375 | -0.00375 | * | no | 1.148 | - |
| | HpCB 396 | 33.41 | * | no | * | | | * | | | |
| 149 PCB 189 | 394 | NotFnd | * | * | * | -0.00108 | -0.00108 | * | no | 0.91 | - |
| | HpCB 396 | 36.29 | * | no | * | | | * | | | |
| 150 PCB 202 | 428 | NotFnd | * | * | * | -0.00346 | -0.00346 | * | no | 1.08 | - |
| | OcCB 430 | 28.72 | * | no | * | | | * | | | |
| 151 PCB 201 | 428 | NotFnd | * | * | * | -0.00339 | -0.00339 | * | no | 1.104 | - |
| | OcCB 430 | 29.64 | * | no | * | | | * | | | |
| 152 PCB 204 | 428 | NotFnd | * | * | * | -0.00341 | -0.00341 | * | no | 1.098 | - |
| | OcCB 430 | 30.33 | * | no | * | | | * | | | |
| 153 PCB 197 | 428 | NotFnd | * | * | * | -0.0039 | -0.0039 | * | no | 0.959 | - |
| | OcCB 430 | 30.56 | * | no | * | | | * | | | |
| 154 PCB 200 | 428 | NotFnd | * | * | * | -0.00332 | -0.00332 | * | no | 1.126 | - |
| | OcCB 430 | 30.64 | * | no | * | | | * | | | |
| 155 PCB 198/199 | 428 | NotFnd | * | * | * | -0.0051 | -0.0051 | * | no | 0.734 | - |
| | OcCB 430 | 33.57 | * | no | * | | | * | | | |
| 156 PCB 196 | 428 | NotFnd | * | * | * | -0.00485 | -0.00485 | * | no | 0.771 | - |
| | OcCB 430 | 34.31 | * | no | * | | | * | | | |
| 157 PCB 203 | 428 | NotFnd | * | * | * | -0.00519 | -0.00519 | * | no | 0.721 | - |
| | OcCB 430 | 34.54 | * | no | * | | | * | | | |
| 158 PCB 195 | 428 | NotFnd | * | * | * | -0.00249 | -0.00249 | * | no | 0.97 | - |
| | OcCB 430 | 35.95 | * | no | * | | | * | | | |
| 159 PCB 194 | 428 | NotFnd | * | * | * | -0.00234 | -0.00234 | * | no | 1.035 | - |
| | OcCB 430 | 38.57 | * | no | * | | | * | | | |
| 160 PCB 205 | 428 | NotFnd | * | * | * | -0.00069 | -0.00069 | * | no | 1.071 | - |
| | OcCB 430 | 39.16 | * | no | * | | | * | | | |
| 161 PCB 208 | 462 | NotFnd | * | * | * | -0.00214 | -0.00214 | * | no | 1.082 | - |
| | NoCB 464 | 35.75 | * | no | * | | | * | | | |
| 162 PCB 207 | 462 | NotFnd | * | * | * | -0.00175 | -0.00175 | * | no | 1.324 | - |
| | NoCB 464 | 36.79 | * | no | * | | | * | | | |
| 163 PCB 206 | 462 | NotFnd | * | * | * | -0.00215 | -0.00215 | * | no | 1.077 | - |
| | NoCB 464 | 41.10 | * | no | * | | | * | | | |
| 164 PCB 209 | 498 | NotFnd | * | * | * | -0.00175 | -0.00175 | * | no | 1.024 | - |
| | DCB 500 | 43.01 | * | no | * | | | * | | | |
| 165 PCB 1L | 200 | 8.83 | 160071 | 3.5 | 205774 | 0.129434 | 0.001 | 2452 | no | 0.821 | 65 |
| | 202 | 8.83 | 45702 | yes | | | | 332 | | | |
| 166 PCB 3L | 200 | 10.02 | 165541 | 3.42 | 213979 | 0.13354 | 0.001 | 2696 | no | 0.828 | 67 |
| | 202 | 10.01 | 48438 | yes | | | | 371 | | | |
| 167 PCB 4L | 234 | 10.13 | 51256 | 1.63 | 82731 | 0.151783 | 0.002 | 288 | no | 0.282 | 76 |
| | 236 | 10.11 | 31475 | yes | | | | 450 | | | |
| 168 PCB 15L | 234 | 12.73 | 245781 | 1.76 | 385225 | 0.187062 | 0.001 | 726 | no | 1.064 | 94 |
| | 236 | 12.73 | 139445 | yes | | | | 416 | | | |
| 169 PCB 19L | 268 | 11.49 | 56181 | 1.01 | 109989 | 0.164591 | 0.005 | 124 | no | 0.345 | 82 |
| | 270 | 11.49 | 54807 | yes | | | | 70 | | | |
| 170 PCB 37L | 268 | 16.36 | 211912 | 1.1 | 403872 | 0.199607 | 0.003 | 226 | no | 2.614 | 100 |
| | 270 | 16.36 | 191960 | yes | | | | 159 | | | |
| 171 PCB 54L | 302 | 12.85 | 52619 | 0.79 | 119432 | 0.203541 | 0.001 | 393 | no | 0.758 | 102 |
| | 304 | 12.85 | 66813 | yes | | | | 1342 | | | |
| 172 PCB 81L | 302 | 20.98 | 127809 | 0.82 | 283736 | 0.195389 | 0.001 | 727 | no | 1.876 | 98 |
| | 304 | 20.98 | 155928 | yes | | | | 1108 | | | |
| 173 PCB 77L | 302 | 21.41 | 120887 | 0.81 | 269139 | 0.193289 | 0.001 | 668 | no | 1.799 | 97 |
| | 304 | 21.43 | 148252 | yes | | | | 1017 | | | |
| 174 PCB 104L | 338 | 15.63 | 78610 | 1.53 | 129879 | 0.212789 | 0 | 2634 | no | 0.967 | 106 |
| | 340 | 15.64 | 51268 | yes | | | | 1853 | | | |
| 175 PCB 123L | 338 | 23.03 | 186854 | 1.67 | 299027 | 0.206526 | 0 | 2755 | no | 2.293 | 103 |
| | 340 | 23.05 | 112173 | yes | | | | 2626 | | | |
| 176 PCB 118L | 338 | 23.32 | 177720 | 1.62 | 287157 | 0.206435 | 0 | 2572 | no | 2.203 | 103 |
| | 340 | 23.32 | 109437 | yes | | | | 2504 | | | |
| 177 PCB 114L | 338 | 23.78 | 167542 | 1.72 | 264985 | 0.204803 | 0 | 2381 | no | 2.049 | 102 |
| | 340 | 23.80 | 97443 | yes | | | | 2210 | | | |
| 178 PCB 105L | 338 | 24.34 | 171167 | 1.69 | 272695 | 0.204313 | 0 | 2502 | no | 2.114 | 102 |
| | 340 | 24.36 | 101527 | yes | | | | 2331 | | | |
| 179 PCB 126L | 338 | 27.16 | 167963 | 1.63 | 255067 | 0.19451 | 0 | 2127 | no | 2.077 | 97 |
| | 340 | 27.18 | 97103 | yes | | | | 2024 | | | |
| 180 PCB 155L | 372 | 19.25 | 83279 | 1.21 | 152280 | 0.236709 | 0 | 3323 | no | 1.056 | 118 |
| | 374 | 19.25 | 69001 | yes | | | | 1965 | | | |
| 181 PCB 167L | 372 | 28.98 | 151460 | 1.3 | 268012 | 0.193987 | 0.001 | 831 | no | 2.269 | 97 |
| | 374 | 29.01 | 116551 | yes | | | | 1568 | | | |
| 182 PCB 156L/157L | 372 | 30.13 | 281101 | 1.32 | 494011 | 0.390984 | 0.001 | 1247 | yes | 2.075 | 98 |
| | 374 | 30.16 | 212910 | yes | | | | 2324 | | | |
| 183 PCB 169L | 372 | 33.50 | 93357 | 1.35 | 162763 | 0.124741 | 0.001 | 496 | no | 2.142 | 62 |
| | 374 | 33.50 | 69405 | yes | | | | 906 | | | |

| | | | | | | | | | | | |
|-----------------------|-----|--------|---------|------|----------|----------|-------|----------|-----|-------|-----|
| 184 PCB 188L | 406 | 23.76 | 79101 | 1.08 | 152485 | 0.226914 | 0 | 1998 | no | 1.103 | 113 |
| | 408 | 23.77 | 73384 | yes | | | | 1754 | | | |
| 185 PCB 180L | 406 | 31.51 | 20315 | 1.13 | 38356 | 0.190036 | 0.001 | 414 | yes | 1.219 | 95 |
| | 408 | 31.53 | 18040 | yes | | | | 0 | | | |
| 186 PCB 170L | 406 | 32.82 | 17736 | 1.05 | 34594 | 0.19124 | 0.001 | 347 | no | 1.093 | 96 |
| | 408 | 32.80 | 16858 | yes | | | | 803 | | | |
| 187 PCB 189L | 406 | 36.25 | 96371 | 1.05 | 187836 | 0.277399 | 0.001 | 775 | no | 2.422 | 139 |
| | 408 | 36.23 | 91466 | yes | | | | 1231 | | | |
| 188 PCB 202L | 440 | 28.69 | 17750 | 0.85 | 38695 | 0.196355 | 0.001 | 1533 | no | 1.19 | 98 |
| | 442 | 28.71 | 20945 | yes | | | | 744 | | | |
| 189 PCB 205L | 440 | 39.12 | 41788 | 0.92 | 87225 | 0.211187 | 0.001 | 1197 | no | 1.478 | 106 |
| | 442 | 39.12 | 45438 | yes | | | | 1041 | | | |
| 190 PCB 208L | 474 | 35.72 | 36092 | 0.75 | 84429 | 0.260576 | 0.001 | 738 | no | 1.159 | 130 |
| | 476 | 35.73 | 48337 | yes | | | | 901 | | | |
| 191 PCB 206L | 474 | 41.10 | 19354 | 0.78 | 44064 | 0.193634 | 0.001 | 375 | no | 0.814 | 97 |
| | 476 | 41.09 | 24711 | yes | | | | 432 | | | |
| 192 PCB 209L | 510 | 42.96 | 21516 | 1.21 | 39338 | 0.186468 | 0 | 2137 | no | 0.756 | 93 |
| | 512 | 42.94 | 17822 | yes | | | | 2408 | | | |
| 193 PCB 28L | 268 | 14.15 | 223764 | 1.08 | 431539 | 0.200527 | 0.003 | 263 | no | 2.78 | 90 |
| PCB Cleanup Standard | 270 | 14.15 | 207776 | yes | | | | 192 | | | |
| 194 PCB 111L | 338 | 21.41 | 112588 | 1.68 | 179571 | 0.213482 | 0 | 2409 | no | 1.332 | 96 |
| PCB Cleanup Standard | 340 | 21.44 | 66984 | yes | | | | 1654 | | | |
| 195 PCB 178L | 406 | 26.50 | 46558 | 1.05 | 90887 | 0.22942 | 0.001 | 1144 | no | 0.65 | 103 |
| PCB Cleanup Standard | 408 | 26.50 | 44329 | yes | | | | 1042 | | | |
| 196 PCB 31L | 288 | 13.91 | 1684 | 0.64 | 4324 | 0.002013 | 0.003 | 1 | no | 2.775 | 1 |
| PCB Audit Standard | 270 | 13.99 | 2640 | no | | | | 2 | | | |
| 197 PCB 95L | 338 | NotFnd | * | * | * | | 0 | | no | 0.967 | |
| PCB Audit Standard | 340 | 17.42 | * | no | | | | | | | |
| 198 PCB 153L | 372 | 24.95 | 2410 | 1.61 | 3912 | 0.005395 | 0 | 91 | no | 1.191 | 3 |
| PCB Audit Standard | 374 | 24.94 | 1502 | no | | | | 34 | | | |
| 199 PCB 9L | 234 | 11.03 | 1351665 | 1.69 | 2150583 | 8.311744 | - | 4213 | no | - | - |
| PCB Recovery Standard | 236 | 11.03 | 798918 | yes | | | | 2530 | | | |
| 200 PCB 52L | 302 | 15.08 | 381337 | 0.8 | 860083 | 8.739366 | - | 2532 | no | - | - |
| PCB Recovery Standard | 304 | 15.08 | 478746 | yes | | | | 6918 | | | |
| 201 PCB 101L | 338 | 19.40 | 439589 | 1.68 | 701551 | 8.546236 | - | 10180 | no | - | - |
| PCB Recovery Standard | 340 | 19.40 | 261962 | yes | | | | 6879 | | | |
| 202 PCB 138L | 372 | 26.09 | 382166 | 1.3 | 676617 | 8.122821 | - | 13765 | no | - | - |
| PCB Recovery Standard | 374 | 26.09 | 294451 | yes | | | | 6168 | | | |
| 203 PCB 194L | 440 | 38.58 | 152842 | 0.97 | 310548 | 4.253096 | - | 4292 | no | - | - |
| PCB Recovery Standard | 442 | 38.61 | 157706 | yes | | | | 3661 | | | |
| Chlorobiphenyls | | | | | -0.00109 | | 0 | -0.00109 | | | |
| Dichlorobiphenyls | | | | | -0.0186 | | 0 | -0.0186 | | | |
| Trichlorobiphenyls | | | | | 0.000917 | | 1 | -0.00464 | | | |
| Tetrachlorobiphenyls | | | | | 0.00169 | | 1 | -0.00246 | | | |
| Pentachlorobiphenyls | | | | | 0.010787 | | 5 | -0.00135 | | | |
| Hexachlorobiphenyls | | | | | 0.005038 | | 1 | -0.00224 | | | |
| Heptachlorobiphenyls | | | | | -0.00498 | | 0 | -0.00498 | | | |
| Octachlorobiphenyls | | | | | -0.00519 | | 0 | -0.00519 | | | |
| Nonachlorobiphenyls | | | | | -0.00215 | | 0 | -0.00215 | | | |
| Decachlorobiphenyl | | | | | -0.00175 | | 0 | -0.00175 | | | |
| PCB (total) | | | | | 0.018432 | | | | | | |

BL ✓
 20161214

Sample ID **BLANK**
 Comments
 Instrument File Ultima 3
 Sample Size 10 Dll Fac 1.00

| Name | mass | RT | Area | ratio | Tot Area | ng/g | Code | Isomers | DL | S/N | Mod | rrf | Rec |
|--------------|-----------|--------|----------|-------|----------|----------|------------|---------|----------|-----|-----|-------|-----|
| 1 PCB 1 | 188 | NotFnd | * | * | * | -0.00108 | | | -0.00108 | * | no | 1.296 | - |
| 2 PCB 2 | MoCB 188 | 8.83 | * | no | * | -0.00082 | | | -0.00082 | * | no | 1.697 | - |
| 3 PCB 3 | MoCB 188 | 9.94 | * | no | * | -0.00109 | | | -0.00109 | * | no | 1.276 | - |
| 4 PCB 4 | MoCB 222 | 10.02 | * | no | * | -0.01571 | | | -0.01571 | * | no | 1.186 | - |
| 5 PCB 10 | DICB 224 | 10.13 | * | no | * | -0.0186 | | | -0.0186 | * | no | 1.002 | - |
| 6 PCB 9 | DICB 224 | 10.22 | * | no | * | -0.00454 | | | -0.00454 | * | no | 2.318 | - |
| 7 PCB 7 | DICB 224 | 11.02 | * | no | * | -0.00522 | | | -0.00522 | * | no | 2.015 | - |
| 8 PCB 6 | DICB 224 | 11.10 | * | no | * | -0.00462 | | | -0.00462 | * | no | 2.278 | - |
| 9 PCB 5 | DICB 224 | 11.20 | * | no | * | -0.0059 | | | -0.0059 | * | no | 1.783 | - |
| 10 PCB 8 | DICB 224 | 11.32 | * | no | * | -0.00436 | | | -0.00436 | * | no | 2.416 | - |
| 11 PCB 14 | DICB 224 | 11.38 | * | no | * | -0.0046 | | | -0.0046 | * | no | 2.288 | - |
| 12 PCB 11 | DICB 224 | 12.08 | * | no | * | -0.0046 | | | -0.0046 | * | no | 2.288 | - |
| 13 PCB 13/12 | DICB 224 | 12.44 | -11020 | 1.56 | -18084.1 | -0.00708 | PCB 11 NDR | | -0.00484 | 113 | xL | 2.176 | - |
| 14 PCB 15 | DICB 224 | 12.45 | -7064.1 | OK | * | -0.00532 | | | -0.00532 | * | no | 1.978 | - |
| 15 PCB 19 | DICB 224 | 12.59 | * | no | * | -0.0101 | | | -0.0101 | * | no | 1.042 | - |
| 16 PCB 30/18 | TriCB 256 | 12.73 | * | no | * | -0.00246 | | | -0.00246 | * | no | 1.156 | - |
| 17 PCB 17 | TriCB 256 | 11.49 | * | no | * | -0.0033 | | | -0.0033 | * | no | 0.864 | - |
| 18 PCB 27 | TriCB 256 | 12.30 | * | no | * | -0.00412 | | | -0.00412 | * | no | 0.691 | - |
| 19 PCB 24 | TriCB 256 | 12.48 | * | no | * | -0.00283 | | | -0.00283 | * | no | 1.006 | - |
| 20 PCB 16 | TriCB 256 | 12.60 | * | no | * | -0.00355 | | | -0.00355 | * | no | 0.802 | - |
| 21 PCB 32 | TriCB 256 | 12.65 | * | no | * | -0.00464 | | | -0.00464 | * | no | 0.614 | - |
| 22 PCB 34 | TriCB 256 | 12.71 | * | no | * | -0.00259 | | | -0.00259 | * | no | 1.1 | - |
| 23 PCB 23 | TriCB 256 | 12.93 | * | no | * | -0.00051 | | | -0.00051 | * | no | 2.11 | - |
| 24 PCB 26/29 | TriCB 256 | 13.52 | * | no | * | -0.00058 | | | -0.00058 | * | no | 1.864 | - |
| 25 PCB 25 | TriCB 256 | 13.61 | * | no | * | -0.00051 | | | -0.00051 | * | no | 2.13 | - |
| 26 PCB 31 | TriCB 256 | 13.76 | * | no | * | -0.00051 | | | -0.00051 | * | no | 2.103 | - |
| 27 PCB 28/20 | TriCB 256 | 13.84 | * | no | * | -0.00049 | PCB 31 NDR | | -0.00049 | 5 | xL | 2.202 | - |
| 28 PCB 21/33 | TriCB 256 | 14.01 | -978 | 1.04 | -1918.38 | -0.00055 | | | -0.00055 | 7 | no | 1.971 | - |
| 29 PCB 22 | TriCB 256 | 14.00 | -940.385 | OK | 2320 | -0.00054 | | | -0.00054 | 6 | yes | 2.008 | - |
| 30 PCB 36 | TriCB 256 | 14.17 | 1212 | 1.09 | 1360 | -0.00061 | | | -0.00061 | 7 | no | 1.768 | - |
| 31 PCB 39 | TriCB 256 | 14.16 | 1109 | yes | * | -0.00046 | | | -0.00046 | * | no | 2.334 | - |
| 32 PCB 38 | TriCB 256 | 14.29 | 727 | 1.15 | * | -0.00056 | | | -0.00056 | * | no | 1.922 | - |
| 33 PCB 35 | TriCB 256 | 14.26 | 633 | no | * | -0.00055 | | | -0.00055 | * | no | 1.971 | - |
| 34 PCB 37 | TriCB 256 | 14.46 | * | no | * | -0.00053 | | | -0.00053 | * | no | 2.017 | - |
| 35 PCB 54 | TriCB 256 | 16.13 | * | no | * | -0.00109 | | | -0.00109 | * | no | 0.985 | - |
| 36 PCB 53/50 | TCB 292 | 16.37 | * | no | * | -0.00026 | | | -0.00026 | * | no | 1.02 | - |
| 37 PCB 45/51 | TCB 292 | 12.88 | * | no | * | -0.00152 | | | -0.00152 | * | no | 0.872 | - |
| 38 PCB 46 | TCB 292 | 13.89 | * | no | * | -0.0016 | | | -0.0016 | * | no | 0.826 | - |
| 39 PCB 52 | TCB 292 | 14.24 | * | no | * | -0.00182 | | | -0.00182 | * | no | 0.727 | - |
| 40 PCB 73 | TCB 292 | 14.39 | * | no | * | -0.00146 | | | -0.00146 | * | no | 0.905 | - |
| 41 PCB 43 | TCB 292 | 15.10 | * | no | * | -0.00118 | | | -0.00118 | * | no | 1.116 | - |
| 42 PCB 69/49 | TCB 292 | 15.18 | * | no | * | -0.00246 | | | -0.00246 | * | no | 0.537 | - |
| | TCB 292 | 15.25 | * | no | * | -0.00135 | | | -0.00135 | * | no | 0.976 | - |
| | TCB 292 | 15.37 | * | no | * | | | | | * | | | |

| | | | | | | | | | | | | |
|---------------------------|----------|--------|----------|------|----------|----------|------------------|----------|----|-----|-------|---|
| 43 PCB 48 | 290 | NotFnd | * | * | * | -0.00173 | | -0.00173 | * | no | 0.765 | - |
| | TCB 292 | 15.55 | * | no | | | | | * | | | |
| 44 PCB 44/47/65 | 290 | 15.70 | -1720.95 | 0.77 | -3955.95 | -0.00399 | PCB 44/47/65 NDR | -0.0015 | 11 | XL | 0.883 | - |
| | TCB 292 | 15.70 | -2235 | OK | | | | | 9 | | | |
| 45 PCB 59/62/75 | 290 | NotFnd | * | * | * | -0.0012 | | -0.0012 | * | no | 1.105 | - |
| | TCB 292 | 15.87 | * | no | | | | | * | | | |
| 46 PCB 42 | 290 | NotFnd | * | * | * | -0.00184 | | -0.00184 | * | no | 0.717 | - |
| | TCB 292 | 15.98 | * | no | | | | | * | | | |
| 47 PCB 40/41/71 | 290 | NotFnd | * | * | * | -0.00165 | | -0.00165 | * | no | 0.803 | - |
| | TCB 292 | 16.27 | * | no | | | | | * | | | |
| 48 PCB 64 | 290 | NotFnd | * | * | * | -0.00128 | | -0.00128 | * | no | 1.034 | - |
| | TCB 292 | 16.41 | * | no | | | | | * | | | |
| 49 PCB 72 | 290 | NotFnd | * | * | * | -0.00084 | | -0.00084 | * | no | 2.019 | - |
| | TCB 292 | 16.89 | * | no | | | | | * | | | |
| 50 PCB 68 | 290 | 17.06 | 578 | 0.6 | 1540 | -0.00089 | | -0.00089 | * | yes | 1.893 | - |
| | TCB 292 | 17.06 | 963 | no | | | | | * | | | |
| 51 PCB 57 | 290 | NotFnd | * | * | * | -0.00086 | | -0.00086 | * | no | 1.963 | - |
| | TCB 292 | 17.35 | * | no | | | | | * | | | |
| 52 PCB 58 | 290 | NotFnd | * | * | * | -0.00096 | | -0.00096 | * | no | 1.762 | - |
| | TCB 292 | 17.50 | * | no | | | | | * | | | |
| 53 PCB 67 | 290 | NotFnd | * | * | * | -0.0008 | | -0.0008 | * | no | 2.107 | - |
| | TCB 292 | 17.61 | * | no | | | | | * | | | |
| 54 PCB 63 | 290 | NotFnd | * | * | * | -0.00084 | | -0.00084 | * | no | 2.019 | - |
| | TCB 292 | 17.77 | * | no | | | | | * | | | |
| 55 PCB 61/70/74/76 | 290 | 18.05 | 1411 | 0.7 | 3439 | 0.00169 | | -0.00093 | 3 | no | 1.816 | - |
| | TCB 292 | 18.00 | 2028 | yes | | | | | 3 | | | |
| 56 PCB 66 | 290 | NotFnd | * | * | * | -0.00083 | | -0.00083 | * | no | 2.026 | - |
| | TCB 292 | 18.21 | * | no | | | | | * | | | |
| 57 PCB 55 | 290 | NotFnd | * | * | * | -0.001 | | -0.001 | * | no | 1.69 | - |
| | TCB 292 | 18.34 | * | no | | | | | * | | | |
| 58 PCB 56 | 290 | NotFnd | * | * | * | -0.00102 | | -0.00102 | * | no | 1.654 | - |
| | TCB 292 | 18.68 | * | no | | | | | * | | | |
| 59 PCB 60 | 290 | NotFnd | * | * | * | -0.00102 | | -0.00102 | * | no | 1.65 | - |
| | TCB 292 | 18.84 | * | no | | | | | * | | | |
| 60 PCB 80 | 290 | NotFnd | * | * | * | -0.00078 | | -0.00078 | * | no | 2.158 | - |
| | TCB 292 | 19.09 | * | no | | | | | * | | | |
| 61 PCB 79 | 290 | NotFnd | * | * | * | -0.00081 | | -0.00081 | * | no | 2.095 | - |
| | TCB 292 | 20.23 | * | no | | | | | * | | | |
| 62 PCB 78 | 290 | NotFnd | * | * | * | -0.00091 | | -0.00091 | * | no | 1.857 | - |
| | TCB 292 | 20.67 | * | no | | | | | * | | | |
| 63 PCB 81 | 290 | NotFnd | * | * | * | -0.00145 | | -0.00145 | * | no | 1.167 | - |
| | TCB 292 | 20.98 | * | no | | | | | * | | | |
| 64 PCB 77 | 290 | NotFnd | * | * | * | -0.00139 | | -0.00139 | * | no | 1.216 | - |
| | TCB 292 | 21.43 | * | no | | | | | * | | | |
| 65 PCB 104 | 326 | NotFnd | * | * | * | -0.00017 | | -0.00017 | * | no | 1.188 | - |
| | PeCB 328 | 15.85 | * | no | | | | | * | | | |
| 66 PCB 96 | 326 | NotFnd | * | * | * | -0.0003 | | -0.0003 | * | no | 0.682 | - |
| | PeCB 328 | 15.87 | * | no | | | | | * | | | |
| 67 PCB 103 | 326 | NotFnd | * | * | * | -0.00097 | | -0.00097 | * | no | 0.759 | - |
| | PeCB 328 | 17.01 | * | no | | | | | * | | | |
| 68 PCB 94 | 326 | NotFnd | * | * | * | -0.00132 | | -0.00132 | * | no | 0.555 | - |
| | PeCB 328 | 17.15 | * | no | | | | | * | | | |
| 69 PCB 95 | 326 | 17.44 | 559 | 1.4 | 957 | 0.00112 | | -0.00107 | 3 | yes | 0.687 | - |
| | PeCB 328 | 17.44 | 398 | yes | | | | | 3 | | | |
| 70 PCB 100/93/102/98 | 326 | NotFnd | * | * | * | -0.00118 | | -0.00118 | * | no | 0.623 | - |
| | PeCB 328 | 17.59 | * | no | | | | | * | | | |
| 71 PCB 88/91 | 326 | NotFnd | * | * | * | -0.00117 | | -0.00117 | * | no | 0.627 | - |
| | PeCB 328 | 17.98 | * | no | | | | | * | | | |
| 72 PCB 84 | 326 | NotFnd | * | * | * | -0.00134 | | -0.00134 | * | no | 0.548 | - |
| | PeCB 328 | 18.15 | * | no | | | | | * | | | |
| 73 PCB 89 | 326 | NotFnd | * | * | * | -0.00121 | | -0.00121 | * | no | 0.604 | - |
| | PeCB 328 | 18.48 | * | no | | | | | * | | | |
| 74 PCB 121 | 326 | NotFnd | * | * | * | -0.00091 | | -0.00091 | * | no | 0.81 | - |
| | PeCB 328 | 18.73 | * | no | | | | | * | | | |
| 75 PCB 92 | 326 | NotFnd | * | * | * | -0.00115 | | -0.00115 | * | no | 0.639 | - |
| | PeCB 328 | 18.99 | * | no | | | | | * | | | |
| 76 PCB 113/90/101 | 326 | 19.42 | 746 | 1.67 | 1192 | 0.001328 | | -0.00102 | 4 | yes | 0.716 | - |
| | PeCB 328 | 19.40 | 446 | yes | | | | | 4 | | | |
| 77 PCB 83/99 | 326 | 19.84 | -1061.75 | 1.55 | -1746.75 | -0.0024 | PCB 83/99 NDR | -0.00126 | 6 | XL | 0.581 | - |
| | PeCB 328 | 19.84 | -685 | OK | | | | | 5 | | | |
| 78 PCB 112 | 326 | NotFnd | * | * | * | -0.00085 | | -0.00085 | * | no | 0.863 | - |
| | PeCB 328 | 19.95 | * | no | | | | | * | | | |
| 79 PCB 109/119/86/97/125/ | 326 | NotFnd | * | * | * | -0.00103 | | -0.00103 | * | no | 0.714 | - |
| | PeCB 328 | 20.23 | * | no | | | | | * | | | |
| 80 PCB 117/116/85 | 326 | 20.78 | 487 | 1.73 | 768 | -0.00094 | | -0.00094 | * | yes | 0.778 | - |
| | PeCB 328 | 20.81 | 281 | no | | | | | * | | | |
| 81 PCB 110/115 | 326 | 20.90 | 1328 | 1.51 | 2207 | 0.002538 | | -0.00106 | 7 | yes | 0.694 | - |
| | PeCB 328 | 20.92 | 878 | yes | | | | | 8 | | | |
| 82 PCB 82 | 326 | NotFnd | * | * | * | -0.00135 | | -0.00135 | * | no | 0.542 | - |
| | PeCB 328 | 21.17 | * | no | | | | | * | | | |
| 83 PCB 111 | 326 | NotFnd | * | * | * | -0.00095 | | -0.00095 | * | no | 0.772 | - |
| | PeCB 328 | 21.45 | * | no | | | | | * | | | |
| 84 PCB 120 | 326 | NotFnd | * | * | * | -0.00084 | | -0.00084 | * | no | 0.877 | - |
| | PeCB 328 | 21.82 | * | no | | | | | * | | | |
| 85 PCB 108/124 | 326 | NotFnd | * | * | * | -0.00028 | | -0.00028 | * | no | 1.488 | - |
| | PeCB 328 | 22.73 | * | no | | | | | * | | | |
| 86 PCB 107 | 326 | NotFnd | * | * | * | -0.00025 | | -0.00025 | * | no | 1.663 | - |
| | PeCB 328 | 22.94 | * | no | | | | | * | | | |
| 87 PCB 123 | 326 | NotFnd | * | * | * | -0.00044 | | -0.00044 | * | no | 0.947 | - |
| | PeCB 328 | 23.05 | * | no | | | | | * | | | |
| 88 PCB 106 | 326 | NotFnd | * | * | * | -0.00029 | | -0.00029 | * | no | 1.465 | - |
| | PeCB 328 | 23.17 | * | no | | | | | * | | | |
| 89 PCB 118 | 326 | 23.34 | 4192 | 1.61 | 6791 | 0.004539 | | -0.0004 | 33 | no | 1.042 | - |
| | PeCB 328 | 23.37 | 2699 | yes | | | | | 33 | | | |

| | | | | | | | | | | | | | |
|---------------------|----------|--------|-------|------|-------|----------|-----------------|--|----------|----|-----|-------|---|
| 90 PCB 122 | 326 | NotFnd | * | * | * | -0.0003 | | | -0.0003 | * | no | 1.418 | - |
| | PeCB 328 | 23.65 | * | no | * | | | | | * | | | |
| 91 PCB 114 | 326 | NotFnd | * | * | * | -0.00039 | | | -0.00039 | * | no | 1.076 | - |
| | PeCB 328 | 23.80 | * | no | * | | | | | * | | | |
| 92 PCB 105 | 326 | 24.37 | 1124 | 1.66 | 1802 | 0.00127 | | | -0.0004 | 9 | no | 1.04 | - |
| | PeCB 328 | 24.39 | 678 | yes | * | | | | | 9 | | | |
| 93 PCB 127 | 326 | NotFnd | * | * | * | -0.00027 | | | -0.00027 | * | no | 1.583 | - |
| | PeCB 328 | 25.66 | * | no | * | | | | | * | | | |
| 94 PCB 126 | 326 | NotFnd | * | * | * | -0.00041 | | | -0.00041 | * | no | 1.037 | - |
| | PeCB 328 | 27.18 | * | no | * | | | | | * | | | |
| 95 PCB 155 | 360 | NotFnd | * | * | * | -0.00092 | | | -0.00092 | * | no | 1.079 | - |
| | HxCB 362 | 19.26 | * | no | * | | | | | * | | | |
| 96 PCB 152 | 360 | NotFnd | * | * | * | -0.00145 | | | -0.00145 | * | no | 0.686 | - |
| | HxCB 362 | 19.42 | * | no | * | | | | | * | | | |
| 97 PCB 150 | 360 | NotFnd | * | * | * | -0.00164 | | | -0.00164 | * | no | 0.606 | - |
| | HxCB 362 | 19.53 | * | no | * | | | | | * | | | |
| 98 PCB 136 | 360 | NotFnd | * | * | * | -0.00151 | | | -0.00151 | * | no | 0.659 | - |
| | HxCB 362 | 19.80 | * | no | * | | | | | * | | | |
| 99 PCB 145 | 360 | NotFnd | * | * | * | -0.00174 | | | -0.00174 | * | no | 0.57 | - |
| | HxCB 362 | 20.03 | * | no | * | | | | | * | | | |
| 100 PCB 148 | 360 | NotFnd | * | * | * | -0.00202 | | | -0.00202 | * | no | 0.491 | - |
| | HxCB 362 | 21.13 | * | no | * | | | | | * | | | |
| 101 PCB 151/135 | 360 | NotFnd | * | * | * | -0.00224 | | | -0.00224 | * | no | 0.442 | - |
| | HxCB 362 | 21.63 | * | no | * | | | | | * | | | |
| 102 PCB 154 | 360 | NotFnd | * | * | * | -0.00188 | | | -0.00188 | * | no | 0.528 | - |
| | HxCB 362 | 21.82 | * | no | * | | | | | * | | | |
| 103 PCB 144 | 360 | NotFnd | * | * | * | -0.00212 | | | -0.00212 | * | no | 0.469 | - |
| | HxCB 362 | 22.06 | * | no | * | | | | | * | | | |
| 104 PCB 147/149 | 360 | 22.37 | 655 | 1.33 | 1149 | -0.00176 | | | -0.00176 | * | yes | 0.665 | - |
| | HxCB 362 | 22.36 | 494 | no | * | | | | | * | | | |
| 105 PCB 134/143 | 360 | NotFnd | * | * | * | -0.00198 | | | -0.00198 | * | no | 0.593 | - |
| | HxCB 362 | 22.61 | * | no | * | | | | | * | | | |
| 106 PCB 139/140 | 360 | NotFnd | * | * | * | -0.00176 | | | -0.00176 | * | no | 0.666 | - |
| | HxCB 362 | 22.88 | * | no | * | | | | | * | | | |
| 107 PCB 131 | 360 | NotFnd | * | * | * | -0.00217 | | | -0.00217 | * | no | 0.54 | - |
| | HxCB 362 | 23.06 | * | no | * | | | | | * | | | |
| 108 PCB 142 | 360 | NotFnd | * | * | * | -0.00194 | | | -0.00194 | * | no | 0.603 | - |
| | HxCB 362 | 23.19 | * | no | * | | | | | * | | | |
| 109 PCB 132 | 360 | NotFnd | * | * | * | -0.00222 | | | -0.00222 | * | no | 0.528 | - |
| | HxCB 362 | 23.44 | * | no | * | | | | | * | | | |
| 110 PCB 133 | 360 | NotFnd | * | * | * | -0.00186 | | | -0.00186 | * | no | 0.629 | - |
| | HxCB 362 | 23.84 | * | no | * | | | | | * | | | |
| 111 PCB 165 | 360 | NotFnd | * | * | * | -0.00159 | | | -0.00159 | * | no | 0.735 | - |
| | HxCB 362 | 24.17 | * | no | * | | | | | * | | | |
| 112 PCB 146 | 360 | NotFnd | * | * | * | -0.00164 | | | -0.00164 | * | no | 0.715 | - |
| | HxCB 362 | 24.40 | * | no | * | | | | | * | | | |
| 113 PCB 161 | 360 | NotFnd | * | * | * | -0.00136 | | | -0.00136 | * | no | 0.864 | - |
| | HxCB 362 | 24.52 | * | no | * | | | | | * | | | |
| 114 PCB 153/168 | 360 | 24.97 | -1829 | 1.24 | -3304 | -0.00392 | PCB 153/168 NDR | | -0.0015 | 11 | xL | 0.783 | - |
| | HxCB 362 | 24.98 | -1475 | OK | * | | | | | 9 | | | |
| 115 PCB 141 | 360 | NotFnd | * | * | * | -0.00181 | | | -0.00181 | * | no | 0.648 | - |
| | HxCB 362 | 25.13 | * | no | * | | | | | * | | | |
| 116 PCB 130 | 360 | NotFnd | * | * | * | -0.00202 | | | -0.00202 | * | no | 0.581 | - |
| | HxCB 362 | 25.50 | * | no | * | | | | | * | | | |
| 117 PCB 137 | 360 | NotFnd | * | * | * | -0.00203 | | | -0.00203 | * | no | 0.577 | - |
| | HxCB 362 | 25.70 | * | no | * | | | | | * | | | |
| 118 PCB 164 | 360 | NotFnd | * | * | * | -0.00147 | | | -0.00147 | * | no | 0.796 | - |
| | HxCB 362 | 25.82 | * | no | * | | | | | * | | | |
| 119 PCB 138/163/129 | 360 | 26.10 | 1985 | 1.37 | 3435 | 0.005038 | | | -0.00178 | 8 | no | 0.657 | - |
| | HxCB 362 | 26.11 | 1450 | yes | * | | | | | 9 | | | |
| 120 PCB 160 | 360 | NotFnd | * | * | * | -0.00169 | | | -0.00169 | * | no | 0.695 | - |
| | HxCB 362 | 26.28 | * | no | * | | | | | * | | | |
| 121 PCB 158 | 360 | NotFnd | * | * | * | -0.00134 | | | -0.00134 | * | no | 0.872 | - |
| | HxCB 362 | 26.46 | * | no | * | | | | | * | | | |
| 122 PCB 128/166 | 360 | NotFnd | * | * | * | -0.00167 | | | -0.00167 | * | no | 0.7 | - |
| | HxCB 362 | 27.27 | * | no | * | | | | | * | | | |
| 123 PCB 159 | 360 | NotFnd | * | * | * | -0.00041 | | | -0.00041 | * | no | 1.501 | - |
| | HxCB 362 | 28.25 | * | no | * | | | | | * | | | |
| 124 PCB 162 | 360 | NotFnd | * | * | * | -0.00046 | | | -0.00046 | * | no | 1.338 | - |
| | HxCB 362 | 28.51 | * | no | * | | | | | * | | | |
| 125 PCB 167 | 360 | NotFnd | * | * | * | -0.00065 | | | -0.00065 | * | no | 0.951 | - |
| | HxCB 362 | 29.01 | * | no | * | | | | | * | | | |
| 126 PCB 156/157 | 360 | 30.13 | 449 | 1.98 | 675 | -0.00059 | | | -0.00059 | * | yes | 1.036 | - |
| | HxCB 362 | 30.16 | 226 | no | * | | | | | * | | | |
| 127 PCB 169 | 360 | NotFnd | * | * | * | -0.00063 | | | -0.00063 | * | no | 0.973 | - |
| | HxCB 362 | 33.53 | * | no | * | | | | | * | | | |
| 128 PCB 188 | 394 | NotFnd | * | * | * | -0.00079 | | | -0.00079 | * | no | 1.053 | - |
| | HpCB 396 | 23.79 | * | no | * | | | | | * | | | |
| 129 PCB 179 | 394 | NotFnd | * | * | * | -0.00085 | | | -0.00085 | * | no | 0.98 | - |
| | HpCB 396 | 24.07 | * | no | * | | | | | * | | | |
| 130 PCB 184 | 394 | NotFnd | * | * | * | -0.00092 | | | -0.00092 | * | no | 0.904 | - |
| | HpCB 396 | 24.57 | * | no | * | | | | | * | | | |
| 131 PCB 176 | 394 | NotFnd | * | * | * | -0.00089 | | | -0.00089 | * | no | 0.939 | - |
| | HpCB 396 | 24.88 | * | no | * | | | | | * | | | |
| 132 PCB 186 | 394 | NotFnd | * | * | * | -0.00101 | | | -0.00101 | * | no | 0.822 | - |
| | HpCB 396 | 25.28 | * | no | * | | | | | * | | | |
| 133 PCB 178 | 394 | NotFnd | * | * | * | -0.00126 | | | -0.00126 | * | no | 0.663 | - |
| | HpCB 396 | 26.54 | * | no | * | | | | | * | | | |
| 134 PCB 175 | 394 | NotFnd | * | * | * | -0.0012 | | | -0.0012 | * | no | 0.695 | - |
| | HpCB 396 | 27.14 | * | no | * | | | | | * | | | |
| 135 PCB 187 | 394 | NotFnd | * | * | * | -0.00129 | | | -0.00129 | * | no | 0.647 | - |
| | HpCB 396 | 27.40 | * | no | * | | | | | * | | | |
| 136 PCB 182 | 394 | NotFnd | * | * | * | -0.00124 | | | -0.00124 | * | no | 0.673 | - |
| | HpCB 396 | 27.61 | * | no | * | | | | | * | | | |

| | | | | | | | | | | | |
|-------------------|----------|--------|--------|------|--------|----------|----------|------|-----|-------|--------|
| 137 PCB 183 | 394 | NotFnd | * | * | * | -0.00176 | -0.00176 | * | no | 1.138 | - |
| 138 PCB 185 | HpCB 396 | 27.96 | * | no | * | -0.00269 | -0.00269 | * | no | 0.743 | - |
| 139 PCB 174 | 394 | NotFnd | * | * | * | -0.00231 | -0.00231 | * | no | 0.867 | - |
| 140 PCB 177 | HpCB 396 | 28.18 | * | no | * | -0.00229 | -0.00229 | * | no | 0.874 | - |
| 141 PCB 181 | 394 | NotFnd | * | * | * | -0.00235 | -0.00235 | * | no | 0.85 | - |
| 142 PCB 171/173 | HpCB 396 | 29.03 | * | no | * | -0.00229 | -0.00229 | * | no | 0.875 | - |
| 143 PCB 172 | 394 | NotFnd | * | * | * | -0.00231 | -0.00231 | * | no | 0.866 | - |
| 144 PCB 192 | HpCB 396 | 30.90 | * | no | * | -0.00204 | -0.00204 | * | no | 0.979 | - |
| 145 PCB 193/180 | 394 | NotFnd | * | no | * | -0.0015 | -0.0015 | * | no | 1.333 | - |
| 146 PCB 191 | HpCB 396 | 31.56 | * | no | * | -0.00174 | -0.00174 | * | no | 1.152 | - |
| 147 PCB 170 | 394 | NotFnd | * | * | * | -0.00186 | -0.00186 | * | no | 1.206 | - |
| 148 PCB 190 | HpCB 396 | 32.90 | * | no | * | -0.00184 | -0.00184 | * | no | 1.089 | - |
| 149 PCB 189 | 394 | NotFnd | * | * | * | -0.00108 | -0.00108 | * | no | 0.91 | - |
| 150 PCB 202 | HpCB 396 | 36.29 | * | no | * | -0.00057 | -0.00057 | * | no | 1.08 | - |
| 151 PCB 201 | 428 | NotFnd | * | * | * | -0.00057 | -0.00057 | * | no | 1.088 | - |
| 152 PCB 204 | OcCB 430 | 28.77 | * | no | * | -0.00057 | -0.00057 | * | no | 1.08 | - |
| 153 PCB 197 | 428 | NotFnd | * | * | * | -0.0007 | -0.0007 | * | no | 0.88 | - |
| 154 PCB 200 | OcCB 430 | 30.61 | * | no | * | -0.00054 | -0.00054 | * | no | 1.141 | - |
| 155 PCB 198/199 | 428 | NotFnd | * | * | * | -0.00089 | -0.00089 | * | no | 0.691 | - |
| 156 PCB 196 | OcCB 430 | 33.63 | * | no | * | -0.00084 | -0.00084 | * | no | 0.736 | - |
| 157 PCB 203 | 428 | NotFnd | * | * | * | -0.00087 | -0.00087 | * | no | 0.712 | - |
| 158 PCB 195 | OcCB 430 | 34.54 | * | no | * | -0.00073 | -0.00073 | * | no | 1.012 | - |
| 159 PCB 194 | 428 | NotFnd | * | * | * | -0.0007 | -0.0007 | * | no | 1.061 | - |
| 160 PCB 205 | OcCB 430 | 38.61 | * | no | * | -0.00069 | -0.00069 | * | no | 1.071 | - |
| 161 PCB 208 | 428 | NotFnd | * | * | * | -0.00214 | -0.00214 | * | no | 1.082 | - |
| 162 PCB 207 | NoCB 464 | 35.75 | * | no | * | -0.00175 | -0.00175 | * | no | 1.324 | - |
| 163 PCB 206 | 462 | NotFnd | * | * | * | -0.00215 | -0.00215 | * | no | 1.077 | no llp |
| 164 PCB 209 | NoCB 464 | 36.79 | * | no | * | -0.00175 | -0.00175 | * | no | 1.024 | - |
| 165 PCB 1L | DCB 500 | 43.01 | * | no | * | -0.00175 | -0.00175 | * | no | 1.024 | - |
| | 200 | 8.83 | 160071 | 3.5 | 205774 | 0.129434 | 0.001 | 2452 | no | 0.821 | 59 |
| | 202 | 8.83 | 45702 | yes | | | | 332 | | | |
| 166 PCB 3L | 200 | 10.02 | 165541 | 3.42 | 213979 | 0.13354 | 0.001 | 2696 | no | 0.828 | 60 |
| | 202 | 10.01 | 48438 | yes | | | | 371 | | | |
| 167 PCB 4L | 234 | 10.13 | 51256 | 1.63 | 82731 | 0.151783 | 0.002 | 288 | no | 0.282 | 68 |
| | 236 | 10.11 | 31475 | yes | | | | 450 | | | |
| 168 PCB 15L | 234 | 12.73 | 245781 | 1.76 | 385225 | 0.187062 | 0.001 | 726 | no | 1.064 | 85 |
| | 236 | 12.73 | 139445 | yes | | | | 416 | | | |
| 169 PCB 19L | 268 | 11.49 | 55181 | 1.01 | 109989 | 0.164591 | 0.005 | 124 | no | 0.345 | 74 |
| | 270 | 11.49 | 54807 | yes | | | | 70 | | | |
| 170 PCB 37L | 268 | 16.36 | 211912 | 1.1 | 403872 | 0.199607 | 0.003 | 226 | no | 2.614 | 90 |
| | 270 | 16.36 | 191960 | yes | | | | 159 | | | |
| 171 PCB 54L | 302 | 12.85 | 52619 | 0.79 | 119432 | 0.203541 | 0.001 | 393 | no | 0.758 | 92 |
| | 304 | 12.85 | 66813 | yes | | | | 1342 | | | |
| 172 PCB 81L | 302 | 20.98 | 127809 | 0.82 | 283736 | 0.196389 | 0.001 | 727 | no | 1.876 | 88 |
| | 304 | 20.98 | 155928 | yes | | | | 1108 | | | |
| 173 PCB 77L | 302 | 21.41 | 120887 | 0.81 | 269139 | 0.193289 | 0.001 | 668 | no | 1.799 | 87 |
| | 304 | 21.43 | 148252 | yes | | | | 1017 | | | |
| 174 PCB 104L | 338 | 15.63 | 78610 | 1.53 | 129879 | 0.212789 | 0 | 2634 | no | 0.967 | 95 |
| | 340 | 15.64 | 51268 | yes | | | | 1853 | | | |
| 175 PCB 123L | 338 | 23.03 | 186854 | 1.67 | 299027 | 0.206526 | 0 | 2755 | no | 2.293 | 93 |
| | 340 | 23.05 | 112173 | yes | | | | 2626 | | | |
| 176 PCB 118L | 338 | 23.32 | 177720 | 1.62 | 287157 | 0.206435 | 0 | 2572 | no | 2.203 | 93 |
| | 340 | 23.32 | 109437 | yes | | | | 2504 | | | |
| 177 PCB 114L | 338 | 23.78 | 167542 | 1.72 | 264985 | 0.204803 | 0 | 2381 | no | 2.049 | 92 |
| | 340 | 23.80 | 97443 | yes | | | | 2210 | | | |
| 178 PCB 105L | 338 | 24.34 | 171167 | 1.69 | 272695 | 0.204313 | 0 | 2502 | no | 2.114 | 92 |
| | 340 | 24.36 | 101527 | yes | | | | 2331 | | | |
| 179 PCB 126L | 338 | 27.16 | 167963 | 1.63 | 255067 | 0.19451 | 0 | 2127 | no | 2.077 | 87 |
| | 340 | 27.18 | 97103 | yes | | | | 2024 | | | |
| 180 PCB 155L | 372 | 19.25 | 83279 | 1.21 | 152280 | 0.236709 | 0 | 3323 | no | 1.056 | 106 |
| | 374 | 19.25 | 69001 | yes | | | | 1965 | | | |
| 181 PCB 167L | 372 | 28.98 | 151460 | 1.3 | 268012 | 0.193987 | 0.001 | 831 | no | 2.269 | 87 |
| | 374 | 29.01 | 116551 | yes | | | | 1568 | | | |
| 182 PCB 156L/157L | 372 | 30.13 | 281101 | 1.32 | 494011 | 0.390984 | 0.001 | 1247 | yes | 2.075 | 88 |
| | 374 | 30.16 | 212910 | yes | | | | 2324 | | | |
| 183 PCB 169L | 372 | 33.50 | 93357 | 1.35 | 162763 | 0.124741 | 0.001 | 496 | no | 2.142 | 56 |
| | 374 | 33.50 | 69405 | yes | | | | 906 | | | |

| | | | | | | | | | | | | |
|-----------------------|-----|--------|---------|------|---------|----------|-------|-------|-----|-------|-----|--|
| 184 PCB 188L | 406 | 23.76 | 79101 | 1.08 | 152485 | 0.226914 | | | | | | |
| | 408 | 23.77 | 73384 | yes | | | 0 | 1998 | no | 1.103 | 102 | |
| 185 PCB 180L | 406 | 31.56 | 57463 | 1.09 | 110354 | 0.323858 | | 1754 | | | | |
| | 408 | 31.56 | 52901 | yes | | | 0.001 | 1595 | no | 1.219 | 146 | |
| 186 PCB 170L | 406 | 32.87 | 47982 | 1.1 | 91573 | 0.299854 | | 1612 | | | | |
| | 408 | 32.87 | 43592 | yes | | | 0.001 | 1314 | yes | 1.093 | 135 | |
| 187 PCB 189L | 406 | 36.25 | 96371 | 1.05 | 187836 | 0.277399 | | 1305 | | | | |
| | 408 | 36.23 | 91466 | yes | | | 0.001 | 775 | no | 2.422 | 125 | |
| 188 PCB 202L | 440 | 28.74 | 58472 | 0.9 | 123664 | 0.371697 | | 1231 | | | | |
| | 442 | 28.71 | 65191 | yes | | | 0.001 | 2476 | no | 1.19 | 167 | |
| 189 PCB 205L | 440 | 39.12 | 41788 | 0.92 | 87225 | 0.211187 | | 2368 | | | | |
| | 442 | 39.12 | 45438 | yes | | | 0.001 | 1197 | no | 1.478 | 95 | |
| 190 PCB 208L | 474 | 35.72 | 36092 | 0.75 | 84429 | 0.260576 | | 1041 | | | | |
| | 476 | 35.73 | 48337 | yes | | | 0.001 | 738 | no | 1.159 | 117 | |
| 191 PCB 206L | 474 | 41.10 | 19354 | 0.78 | 44064 | 0.193634 | | 901 | | | | |
| | 476 | 41.09 | 24711 | yes | | | 0.001 | 375 | no | 0.814 | 87 | |
| 192 PCB 209L | 510 | 42.96 | 21516 | 1.21 | 39338 | 0.186468 | | 432 | | | | |
| | 512 | 42.94 | 17822 | yes | | | 0 | 2137 | no | 0.755 | 84 | |
| 193 PCB 28L | 268 | 14.15 | 223764 | 1.08 | 431539 | 0.200527 | | 2408 | | | | |
| PCB Cleanup Standard | 270 | 14.15 | 207776 | yes | | | 0.003 | 263 | no | 2.78 | 81 | |
| 194 PCB 111L | 338 | 21.41 | 112588 | 1.68 | 179571 | 0.213482 | | 192 | | | | |
| PCB Cleanup Standard | 340 | 21.44 | 66984 | yes | | | 0 | 2409 | no | 1.332 | 86 | |
| 195 PCB 178L | 406 | 26.50 | 46558 | 1.05 | 90887 | 0.22942 | | 1654 | | | | |
| PCB Cleanup Standard | 408 | 26.50 | 44329 | yes | | | 0.001 | 1144 | no | 0.65 | 93 | |
| 196 PCB 31L | 268 | 13.91 | 1684 | 0.64 | 4324 | 0.002013 | | 1042 | | | | |
| PCB Audit Standard | 270 | 13.99 | 2640 | no | | | 0.003 | 1 | no | 2.775 | 1 | |
| 197 PCB 95L | 338 | NotFnd | * | * | * | | | 2 | | | | |
| PCB Audit Standard | 340 | 17.42 | * | no | | | 0 | | no | 0.967 | | |
| 198 PCB 153L | 372 | 24.95 | 2410 | 1.61 | 3912 | 0.006395 | | 91 | | | | |
| PCB Audit Standard | 374 | 24.94 | 1502 | no | | | 0 | 34 | no | 1.191 | 3 | |
| 199 PCB 9L | 234 | 11.03 | 1351665 | 1.69 | 2150583 | 8.311744 | | 4213 | | | | |
| PCB Recovery Standard | 236 | 11.03 | 798918 | yes | | | - | 2530 | no | - | - | |
| 200 PCB 52L | 302 | 15.08 | 381337 | 0.8 | 860083 | 8.739366 | | 2532 | | | | |
| PCB Recovery Standard | 304 | 15.08 | 478746 | yes | | | - | 6918 | no | - | - | |
| 201 PCB 101L | 338 | 19.40 | 439589 | 1.68 | 701551 | 8.546236 | | 10180 | | | | |
| PCB Recovery Standard | 340 | 19.40 | 261962 | yes | | | - | 6879 | no | - | - | |
| 202 PCB 138L | 372 | 26.09 | 382166 | 1.3 | 676617 | 8.122821 | | 13765 | | | | |
| PCB Recovery Standard | 374 | 26.09 | 294451 | yes | | | - | 6168 | no | - | - | |
| 203 PCB 194L | 440 | 38.58 | 152842 | 0.97 | 310548 | 4.253096 | | 4292 | | | | |
| PCB Recovery Standard | 442 | 38.61 | 157706 | yes | | | - | 3661 | no | - | - | |
| Chlorobiphenyls | | | | | | -0.00109 | 0 | | | | | |
| Dichlorobiphenyls | | | | | | -0.0186 | 0 | | | | | |
| Trichlorobiphenyls | | | | | | 0.000917 | 1 | | | | | |
| Tetrachlorobiphenyls | | | | | | 0.00169 | 1 | | | | | |
| Pentachlorobiphenyls | | | | | | 0.010787 | 5 | | | | | |
| Hexachlorobiphenyls | | | | | | 0.005038 | 1 | | | | | |
| Heptachlorobiphenyls | | | | | | -0.00269 | 0 | | | | | |
| Octachlorobiphenyls | | | | | | -0.00089 | 0 | | | | | |
| Nonachlorobiphenyls | | | | | | -0.00215 | 0 | | | | | |
| Decachlorobiphenyl | | | | | | -0.00175 | 0 | | | | | |
| PCB (total) | | | | | | 0.018432 | 0 | | | | | |

HIGH USE
BW 2016/12/14

Sample ID **BLANK**
 Comments
 Instrument File Ultima 3
 Sample Size 10

Dil Fac 1.00

| Name | mass | RT | Area | ratio | Tot Area | ng/g | Code | Isomers | DL | S/N | Mod | rrf | Rec |
|--------------|-----------|--------|----------|-------|----------|----------|------------|---------|----------|-----|-----|-------|-----|
| 1 PCB 1 | 188 | NotFnd | * | * | * | -0.00108 | | | -0.00108 | * | no | 1.296 | - |
| | MoCB 190 | 8.83 | * | no | | | | | | * | | | |
| 2 PCB 2 | 188 | NotFnd | * | * | * | -0.00082 | | | -0.00082 | * | no | 1.697 | - |
| | MoCB 190 | 9.94 | * | no | | | | | | * | | | |
| 3 PCB 3 | 188 | NotFnd | * | * | * | -0.00109 | | | -0.00109 | * | no | 1.276 | - |
| | MoCB 190 | 10.02 | * | no | | | | | | * | | | |
| 4 PCB 4 | 222 | NotFnd | * | * | * | -0.01571 | | | -0.01571 | * | no | 1.186 | - |
| | DICB 224 | 10.13 | * | no | | | | | | * | | | |
| 5 PCB 10 | 222 | NotFnd | * | * | * | -0.0186 | | | -0.0186 | * | no | 1.002 | - |
| | DICB 224 | 10.22 | * | no | | | | | | * | | | |
| 6 PCB 9 | 222 | NotFnd | * | * | * | -0.00454 | | | -0.00454 | * | no | 2.318 | - |
| | DICB 224 | 11.02 | * | no | | | | | | * | | | |
| 7 PCB 7 | 222 | NotFnd | * | * | * | -0.00522 | | | -0.00522 | * | no | 2.015 | - |
| | DICB 224 | 11.10 | * | no | | | | | | * | | | |
| 8 PCB 6 | 222 | NotFnd | * | * | * | -0.00462 | | | -0.00462 | * | no | 2.278 | - |
| | DICB 224 | 11.20 | * | no | | | | | | * | | | |
| 9 PCB 5 | 222 | NotFnd | * | * | * | -0.0059 | | | -0.0059 | * | no | 1.783 | - |
| | DICB 224 | 11.32 | * | no | | | | | | * | | | |
| 10 PCB 8 | 222 | NotFnd | * | * | * | -0.00436 | | | -0.00436 | * | no | 2.416 | - |
| | DICB 224 | 11.38 | * | no | | | | | | * | | | |
| 11 PCB 14 | 222 | NotFnd | * | * | * | -0.0046 | | | -0.0046 | * | no | 2.288 | - |
| | DICB 224 | 12.08 | * | no | | | | | | * | | | |
| 12 PCB 11 | 222 | 12.44 | -11020 | 1.56 | -18084.1 | -0.00708 | PCB 11 NDR | | -0.00484 | 113 | xL | 2.176 | - |
| | DICB 224 | 12.45 | -7064.1 | OK | | | | | | 4 | | | |
| 13 PCB 13/12 | 222 | NotFnd | * | * | * | -0.00532 | | | -0.00532 | * | no | 1.978 | - |
| | DICB 224 | 12.59 | * | no | | | | | | * | | | |
| 14 PCB 15 | 222 | NotFnd | * | * | * | -0.0101 | | | -0.0101 | * | no | 1.042 | - |
| | DICB 224 | 12.73 | * | no | | | | | | * | | | |
| 15 PCB 19 | 256 | NotFnd | * | * | * | -0.00246 | | | -0.00246 | * | no | 1.156 | - |
| | TriCB 258 | 11.49 | * | no | | | | | | * | | | |
| 16 PCB 30/18 | 256 | NotFnd | * | * | * | -0.0033 | | | -0.0033 | * | no | 0.864 | - |
| | TriCB 258 | 12.30 | * | no | | | | | | * | | | |
| 17 PCB 17 | 256 | NotFnd | * | * | * | -0.00412 | | | -0.00412 | * | no | 0.691 | - |
| | TriCB 258 | 12.48 | * | no | | | | | | * | | | |
| 18 PCB 27 | 256 | NotFnd | * | * | * | -0.00283 | | | -0.00283 | * | no | 1.006 | - |
| | TriCB 258 | 12.60 | * | no | | | | | | * | | | |
| 19 PCB 24 | 256 | NotFnd | * | * | * | -0.00355 | | | -0.00355 | * | no | 0.802 | - |
| | TriCB 258 | 12.65 | * | no | | | | | | * | | | |
| 20 PCB 16 | 256 | NotFnd | * | * | * | -0.00464 | | | -0.00464 | * | no | 0.614 | - |
| | TriCB 258 | 12.71 | * | no | | | | | | * | | | |
| 21 PCB 32 | 256 | NotFnd | * | * | * | -0.00259 | | | -0.00259 | * | no | 1.1 | - |
| | TriCB 258 | 12.93 | * | no | | | | | | * | | | |
| 22 PCB 34 | 256 | NotFnd | * | * | * | -0.00051 | | | -0.00051 | * | no | 2.11 | - |
| | TriCB 258 | 13.52 | * | no | | | | | | * | | | |
| 23 PCB 23 | 256 | NotFnd | * | * | * | -0.00058 | | | -0.00058 | * | no | 1.864 | - |
| | TriCB 258 | 13.61 | * | no | | | | | | * | | | |
| 24 PCB 26/29 | 256 | NotFnd | * | * | * | -0.00051 | | | -0.00051 | * | no | 2.13 | - |
| | TriCB 258 | 13.76 | * | no | | | | | | * | | | |
| 25 PCB 25 | 256 | NotFnd | * | * | * | -0.00051 | | | -0.00051 | * | no | 2.103 | - |
| | TriCB 258 | 13.84 | * | no | | | | | | * | | | |
| 26 PCB 31 | 256 | 14.01 | -978 | 1.04 | -1918.38 | -0.00068 | PCB 31 NDR | | -0.00049 | 5 | xL | 2.202 | - |
| | TriCB 258 | 14.00 | -940.385 | OK | | | | | | 7 | | | |
| 27 PCB 28/20 | 256 | 14.17 | 1212 | 1.09 | 2320 | 0.000917 | | | -0.00055 | 6 | no | 1.971 | - |
| | TriCB 258 | 14.16 | 1109 | yes | | | | | | 7 | | | |
| 28 PCB 21/33 | 256 | 14.29 | 727 | 1.15 | 1360 | -0.00054 | | | -0.00054 | * | yes | 2.008 | - |
| | TriCB 258 | 14.26 | 633 | no | | | | | | * | | | |
| 29 PCB 22 | 256 | NotFnd | * | * | * | -0.00061 | | | -0.00061 | * | no | 1.758 | - |
| | TriCB 258 | 14.46 | * | no | | | | | | * | | | |
| 30 PCB 36 | 256 | NotFnd | * | * | * | -0.00046 | | | -0.00046 | * | no | 2.334 | - |
| | TriCB 258 | 15.29 | * | no | | | | | | * | | | |
| 31 PCB 39 | 256 | NotFnd | * | * | * | -0.00056 | | | -0.00056 | * | no | 1.922 | - |
| | TriCB 258 | 15.51 | * | no | | | | | | * | | | |
| 32 PCB 38 | 256 | NotFnd | * | * | * | -0.00055 | | | -0.00055 | * | no | 1.971 | - |
| | TriCB 258 | 15.86 | * | no | | | | | | * | | | |
| 33 PCB 35 | 256 | NotFnd | * | * | * | -0.00053 | | | -0.00053 | * | no | 2.017 | - |
| | TriCB 258 | 16.13 | * | no | | | | | | * | | | |
| 34 PCB 37 | 256 | NotFnd | * | * | * | -0.00109 | | | -0.00109 | * | no | 0.985 | - |
| | TriCB 258 | 16.37 | * | no | | | | | | * | | | |
| 35 PCB 54 | 290 | NotFnd | * | * | * | -0.00026 | | | -0.00026 | * | no | 1.02 | - |
| | TCB 292 | 12.88 | * | no | | | | | | * | | | |
| 36 PCB 53/50 | 290 | NotFnd | * | * | * | -0.00152 | | | -0.00152 | * | no | 0.872 | - |
| | TCB 292 | 13.89 | * | no | | | | | | * | | | |
| 37 PCB 45/51 | 290 | NotFnd | * | * | * | -0.0016 | | | -0.0016 | * | no | 0.826 | - |
| | TCB 292 | 14.24 | * | no | | | | | | * | | | |
| 38 PCB 46 | 290 | NotFnd | * | * | * | -0.00182 | | | -0.00182 | * | no | 0.727 | - |
| | TCB 292 | 14.39 | * | no | | | | | | * | | | |
| 39 PCB 52 | 290 | NotFnd | * | * | * | -0.00146 | | | -0.00146 | * | no | 0.905 | - |
| | TCB 292 | 15.10 | * | no | | | | | | * | | | |
| 40 PCB 73 | 290 | NotFnd | * | * | * | -0.00118 | | | -0.00118 | * | no | 1.116 | - |
| | TCB 292 | 15.18 | * | no | | | | | | * | | | |
| 41 PCB 43 | 290 | NotFnd | * | * | * | -0.00246 | | | -0.00246 | * | no | 0.537 | - |
| | TCB 292 | 15.25 | * | no | | | | | | * | | | |
| 42 PCB 69/49 | 290 | NotFnd | * | * | * | -0.00135 | | | -0.00135 | * | no | 0.976 | - |
| | TCB 292 | 15.37 | * | no | | | | | | * | | | |

| | | | | | | | | | | | | |
|------------------------------|----------|--------|----------|------|----------|----------|------------------|----------|----|-----|-------|---|
| 43 PCB 48 | 290 | NotFnd | * | * | * | -0.00173 | | -0.00173 | * | no | 0.765 | - |
| | TCB 292 | 15.55 | * | no | | | | | * | | | |
| 44 PCB 44/47/65 | 290 | 15.70 | -1720.95 | 0.77 | -3955.95 | -0.00399 | PCB 44/47/65 NDR | -0.0015 | 11 | xL | 0.883 | - |
| | TCB 292 | 15.70 | -2235 | OK | | | | | 9 | | | |
| 45 PCB 59/62/75 | 290 | NotFnd | * | * | * | -0.0012 | | -0.0012 | * | no | 1.105 | - |
| | TCB 292 | 15.87 | * | no | | | | | * | | | |
| 46 PCB 42 | 290 | NotFnd | * | * | * | -0.00184 | | -0.00184 | * | no | 0.717 | - |
| | TCB 292 | 15.98 | * | no | | | | | * | | | |
| 47 PCB 40/41/71 | 290 | NotFnd | * | * | * | -0.00165 | | -0.00165 | * | no | 0.803 | - |
| | TCB 292 | 16.27 | * | no | | | | | * | | | |
| 48 PCB 64 | 290 | NotFnd | * | * | * | -0.00128 | | -0.00128 | * | no | 1.034 | - |
| | TCB 292 | 16.41 | * | no | | | | | * | | | |
| 49 PCB 72 | 290 | NotFnd | * | * | * | -0.00084 | | -0.00084 | * | no | 2.019 | - |
| | TCB 292 | 16.89 | * | no | | | | | * | | | |
| 50 PCB 68 | 290 | 17.06 | 578 | 0.6 | 1540 | -0.00089 | | -0.00089 | * | yes | 1.893 | - |
| | TCB 292 | 17.06 | 963 | no | | | | | * | | | |
| 51 PCB 57 | 290 | NotFnd | * | * | * | -0.00086 | | -0.00086 | * | no | 1.963 | - |
| | TCB 292 | 17.35 | * | no | | | | | * | | | |
| 52 PCB 58 | 290 | NotFnd | * | * | * | -0.00096 | | -0.00096 | * | no | 1.762 | - |
| | TCB 292 | 17.50 | * | no | | | | | * | | | |
| 53 PCB 67 | 290 | NotFnd | * | * | * | -0.0008 | | -0.0008 | * | no | 2.107 | - |
| | TCB 292 | 17.61 | * | no | | | | | * | | | |
| 54 PCB 63 | 290 | NotFnd | * | * | * | -0.00084 | | -0.00084 | * | no | 2.019 | - |
| | TCB 292 | 17.77 | * | no | | | | | * | | | |
| 55 PCB 61/70/74/76 | 290 | 18.05 | 1411 | 0.7 | 3439 | 0.00169 | | -0.00093 | 3 | no | 1.816 | - |
| | TCB 292 | 18.00 | 2028 | yes | | | | | 3 | | | |
| 56 PCB 66 | 290 | NotFnd | * | * | * | -0.00083 | | -0.00083 | * | no | 2.026 | - |
| | TCB 292 | 18.21 | * | no | | | | | * | | | |
| 57 PCB 55 | 290 | NotFnd | * | * | * | -0.001 | | -0.001 | * | no | 1.69 | - |
| | TCB 292 | 18.34 | * | no | | | | | * | | | |
| 58 PCB 56 | 290 | NotFnd | * | * | * | -0.00102 | | -0.00102 | * | no | 1.654 | - |
| | TCB 292 | 18.68 | * | no | | | | | * | | | |
| 59 PCB 60 | 290 | NotFnd | * | * | * | -0.00102 | | -0.00102 | * | no | 1.65 | - |
| | TCB 292 | 18.84 | * | no | | | | | * | | | |
| 60 PCB 80 | 290 | NotFnd | * | * | * | -0.00078 | | -0.00078 | * | no | 2.158 | - |
| | TCB 292 | 19.09 | * | no | | | | | * | | | |
| 61 PCB 79 | 290 | NotFnd | * | * | * | -0.00081 | | -0.00081 | * | no | 2.095 | - |
| | TCB 292 | 20.23 | * | no | | | | | * | | | |
| 62 PCB 78 | 290 | NotFnd | * | * | * | -0.00091 | | -0.00091 | * | no | 1.857 | - |
| | TCB 292 | 20.67 | * | no | | | | | * | | | |
| 63 PCB 81 | 290 | NotFnd | * | * | * | -0.00145 | | -0.00145 | * | no | 1.167 | - |
| | TCB 292 | 20.98 | * | no | | | | | * | | | |
| 64 PCB 77 | 290 | NotFnd | * | * | * | -0.00139 | | -0.00139 | * | no | 1.216 | - |
| | TCB 292 | 21.43 | * | no | | | | | * | | | |
| 65 PCB 104 | 326 | NotFnd | * | * | * | -0.00017 | | -0.00017 | * | no | 1.188 | - |
| | PeCB 328 | 15.65 | * | no | | | | | * | | | |
| 66 PCB 96 | 326 | NotFnd | * | * | * | -0.0003 | | -0.0003 | * | no | 0.682 | - |
| | PeCB 328 | 15.87 | * | no | | | | | * | | | |
| 67 PCB 103 | 326 | NotFnd | * | * | * | -0.00097 | | -0.00097 | * | no | 0.759 | - |
| | PeCB 328 | 17.01 | * | no | | | | | * | | | |
| 68 PCB 94 | 326 | NotFnd | * | * | * | -0.00132 | | -0.00132 | * | no | 0.555 | - |
| | PeCB 328 | 17.15 | * | no | | | | | * | | | |
| 69 PCB 95 | 326 | 17.44 | 559 | 1.4 | 957 | 0.00112 | | -0.00107 | 3 | yes | 0.687 | - |
| | PeCB 328 | 17.44 | 398 | yes | | | | | 3 | | | |
| 70 PCB 100/93/102/98 | 326 | NotFnd | * | * | * | -0.00118 | | -0.00118 | * | no | 0.623 | - |
| | PeCB 328 | 17.59 | * | no | | | | | * | | | |
| 71 PCB 88/91 | 326 | NotFnd | * | * | * | -0.00117 | | -0.00117 | * | no | 0.627 | - |
| | PeCB 328 | 17.98 | * | no | | | | | * | | | |
| 72 PCB 84 | 326 | NotFnd | * | * | * | -0.00134 | | -0.00134 | * | no | 0.548 | - |
| | PeCB 328 | 18.15 | * | no | | | | | * | | | |
| 73 PCB 89 | 326 | NotFnd | * | * | * | -0.00121 | | -0.00121 | * | no | 0.604 | - |
| | PeCB 328 | 18.48 | * | no | | | | | * | | | |
| 74 PCB 121 | 326 | NotFnd | * | * | * | -0.00091 | | -0.00091 | * | no | 0.81 | - |
| | PeCB 328 | 18.73 | * | no | | | | | * | | | |
| 75 PCB 92 | 326 | NotFnd | * | * | * | -0.00115 | | -0.00115 | * | no | 0.639 | - |
| | PeCB 328 | 18.99 | * | no | | | | | * | | | |
| 76 PCB 113/90/101 | 326 | 19.42 | 746 | 1.67 | 1192 | 0.001328 | | -0.00102 | 4 | yes | 0.716 | - |
| | PeCB 328 | 19.40 | 446 | yes | | | | | 4 | | | |
| 77 PCB 83/99 | 326 | 19.84 | -1061.75 | 1.55 | -1746.75 | -0.0024 | PCB 83/99 NDR | -0.00126 | 6 | xL | 0.581 | - |
| | PeCB 328 | 19.84 | -685 | OK | | | | | 5 | | | |
| 78 PCB 112 | 326 | NotFnd | * | * | * | -0.00085 | | -0.00085 | * | no | 0.863 | - |
| | PeCB 328 | 19.95 | * | no | | | | | * | | | |
| 79 PCB 109/119/86/97/125/326 | 326 | NotFnd | * | * | * | -0.00103 | | -0.00103 | * | no | 0.714 | - |
| | PeCB 328 | 20.23 | * | no | | | | | * | | | |
| 80 PCB 117/116/85 | 326 | 20.78 | 487 | 1.73 | 768 | -0.00094 | | -0.00094 | * | yes | 0.778 | - |
| | PeCB 328 | 20.81 | 281 | no | | | | | * | | | |
| 81 PCB 110/115 | 326 | 20.90 | 1328 | 1.51 | 2207 | 0.002538 | | -0.00106 | 7 | yes | 0.694 | - |
| | PeCB 328 | 20.92 | 878 | yes | | | | | 8 | | | |
| 82 PCB 82 | 326 | NotFnd | * | * | * | -0.00135 | | -0.00135 | * | no | 0.542 | - |
| | PeCB 328 | 21.17 | * | no | | | | | * | | | |
| 83 PCB 111 | 326 | NotFnd | * | * | * | -0.00095 | | -0.00095 | * | no | 0.772 | - |
| | PeCB 328 | 21.45 | * | no | | | | | * | | | |
| 84 PCB 120 | 326 | NotFnd | * | * | * | -0.00084 | | -0.00084 | * | no | 0.877 | - |
| | PeCB 328 | 21.82 | * | no | | | | | * | | | |
| 85 PCB 108/124 | 326 | NotFnd | * | * | * | -0.00028 | | -0.00028 | * | no | 1.488 | - |
| | PeCB 328 | 22.73 | * | no | | | | | * | | | |
| 86 PCB 107 | 326 | NotFnd | * | * | * | -0.00025 | | -0.00025 | * | no | 1.663 | - |
| | PeCB 328 | 22.94 | * | no | | | | | * | | | |
| 87 PCB 123 | 326 | NotFnd | * | * | * | -0.00044 | | -0.00044 | * | no | 0.947 | - |
| | PeCB 328 | 23.05 | * | no | | | | | * | | | |
| 88 PCB 106 | 326 | NotFnd | * | * | * | -0.00029 | | -0.00029 | * | no | 1.465 | - |
| | PeCB 328 | 23.17 | * | no | | | | | * | | | |
| 89 PCB 118 | 326 | 23.34 | 4192 | 1.61 | 6791 | 0.004539 | | -0.0004 | 33 | no | 1.042 | - |
| | PeCB 328 | 23.37 | 2599 | yes | | | | | 33 | | | |

| | | | | | | | | | | | |
|---------------------|----------|--------|-------|------|-------|----------|----------|----|-----|-------|---|
| 90 PCB 122 | 326 | NotFnd | * | * | * | -0.0003 | -0.0003 | * | no | 1.418 | - |
| | PeCB 328 | 23.65 | * | no | * | | | * | | | |
| 91 PCB 114 | 326 | NotFnd | * | * | * | -0.00039 | -0.00039 | * | no | 1.076 | - |
| | PeCB 328 | 23.80 | * | no | * | | | * | | | |
| 92 PCB 105 | 326 | 24.37 | 1124 | 1.66 | 1802 | 0.00127 | -0.0004 | 9 | no | 1.04 | - |
| | PeCB 328 | 24.39 | 678 | yes | * | | | 9 | | | |
| 93 PCB 127 | 326 | NotFnd | * | * | * | -0.00027 | -0.00027 | * | no | 1.583 | - |
| | PeCB 328 | 25.66 | * | no | * | | | * | | | |
| 94 PCB 126 | 326 | NotFnd | * | * | * | -0.00041 | -0.00041 | * | no | 1.037 | - |
| | PeCB 328 | 27.18 | * | no | * | | | * | | | |
| 95 PCB 155 | 360 | NotFnd | * | * | * | -0.00092 | -0.00092 | * | no | 1.079 | - |
| | HxCB 362 | 19.26 | * | no | * | | | * | | | |
| 96 PCB 152 | 380 | NotFnd | * | * | * | -0.00145 | -0.00145 | * | no | 0.686 | - |
| | HxCB 362 | 19.42 | * | no | * | | | * | | | |
| 97 PCB 160 | 360 | NotFnd | * | * | * | -0.00164 | -0.00164 | * | no | 0.606 | - |
| | HxCB 362 | 19.53 | * | no | * | | | * | | | |
| 98 PCB 136 | 360 | NotFnd | * | * | * | -0.00151 | -0.00151 | * | no | 0.659 | - |
| | HxCB 362 | 19.80 | * | no | * | | | * | | | |
| 99 PCB 145 | 380 | NotFnd | * | * | * | -0.00174 | -0.00174 | * | no | 0.57 | - |
| | HxCB 362 | 20.03 | * | no | * | | | * | | | |
| 100 PCB 148 | 360 | NotFnd | * | * | * | -0.00202 | -0.00202 | * | no | 0.491 | - |
| | HxCB 362 | 21.13 | * | no | * | | | * | | | |
| 101 PCB 151/135 | 360 | NotFnd | * | * | * | -0.00224 | -0.00224 | * | no | 0.442 | - |
| | HxCB 362 | 21.63 | * | no | * | | | * | | | |
| 102 PCB 154 | 360 | NotFnd | * | * | * | -0.00188 | -0.00188 | * | no | 0.528 | - |
| | HxCB 362 | 21.82 | * | no | * | | | * | | | |
| 103 PCB 144 | 360 | NotFnd | * | * | * | -0.00212 | -0.00212 | * | no | 0.469 | - |
| | HxCB 362 | 22.06 | * | no | * | | | * | | | |
| 104 PCB 147/149 | 360 | 22.37 | 655 | 1.33 | 1149 | -0.00176 | -0.00176 | * | yes | 0.665 | - |
| | HxCB 362 | 22.36 | 494 | no | * | | | * | | | |
| 105 PCB 134/143 | 360 | NotFnd | * | * | * | -0.00198 | -0.00198 | * | no | 0.593 | - |
| | HxCB 362 | 22.61 | * | no | * | | | * | | | |
| 106 PCB 139/140 | 360 | NotFnd | * | * | * | -0.00176 | -0.00176 | * | no | 0.666 | - |
| | HxCB 362 | 22.88 | * | no | * | | | * | | | |
| 107 PCB 131 | 360 | NotFnd | * | * | * | -0.00217 | -0.00217 | * | no | 0.54 | - |
| | HxCB 362 | 23.06 | * | no | * | | | * | | | |
| 108 PCB 142 | 360 | NotFnd | * | * | * | -0.00194 | -0.00194 | * | no | 0.603 | - |
| | HxCB 362 | 23.19 | * | no | * | | | * | | | |
| 109 PCB 132 | 360 | NotFnd | * | * | * | -0.00222 | -0.00222 | * | no | 0.528 | - |
| | HxCB 362 | 23.44 | * | no | * | | | * | | | |
| 110 PCB 133 | 360 | NotFnd | * | * | * | -0.00186 | -0.00186 | * | no | 0.629 | - |
| | HxCB 362 | 23.84 | * | no | * | | | * | | | |
| 111 PCB 165 | 360 | NotFnd | * | * | * | -0.00159 | -0.00159 | * | no | 0.735 | - |
| | HxCB 362 | 24.17 | * | no | * | | | * | | | |
| 112 PCB 146 | 360 | NotFnd | * | * | * | -0.00164 | -0.00164 | * | no | 0.715 | - |
| | HxCB 362 | 24.40 | * | no | * | | | * | | | |
| 113 PCB 161 | 360 | NotFnd | * | * | * | -0.00136 | -0.00136 | * | no | 0.864 | - |
| | HxCB 362 | 24.52 | * | no | * | | | * | | | |
| 114 PCB 153/168 | 360 | 24.97 | -1829 | 1.24 | -3304 | -0.00392 | -0.0015 | 11 | xL | 0.783 | - |
| | HxCB 362 | 24.98 | -1475 | OK | * | | | 9 | | | |
| 115 PCB 141 | 360 | NotFnd | * | * | * | -0.00181 | -0.00181 | * | no | 0.648 | - |
| | HxCB 362 | 25.13 | * | no | * | | | * | | | |
| 116 PCB 130 | 360 | NotFnd | * | * | * | -0.00202 | -0.00202 | * | no | 0.581 | - |
| | HxCB 362 | 25.50 | * | no | * | | | * | | | |
| 117 PCB 137 | 360 | NotFnd | * | * | * | -0.00203 | -0.00203 | * | no | 0.577 | - |
| | HxCB 362 | 25.70 | * | no | * | | | * | | | |
| 118 PCB 164 | 360 | NotFnd | * | * | * | -0.00147 | -0.00147 | * | no | 0.796 | - |
| | HxCB 362 | 25.82 | * | no | * | | | * | | | |
| 119 PCB 138/163/129 | 360 | 26.10 | 1985 | 1.37 | 3435 | 0.005038 | -0.00178 | 8 | no | 0.657 | - |
| | HxCB 362 | 26.11 | 1450 | yes | * | | | 9 | | | |
| 120 PCB 160 | 360 | NotFnd | * | * | * | -0.00169 | -0.00169 | * | no | 0.695 | - |
| | HxCB 362 | 26.28 | * | no | * | | | * | | | |
| 121 PCB 158 | 360 | NotFnd | * | * | * | -0.00134 | -0.00134 | * | no | 0.872 | - |
| | HxCB 362 | 26.46 | * | no | * | | | * | | | |
| 122 PCB 128/166 | 360 | NotFnd | * | * | * | -0.00167 | -0.00167 | * | no | 0.7 | - |
| | HxCB 362 | 27.27 | * | no | * | | | * | | | |
| 123 PCB 159 | 360 | NotFnd | * | * | * | -0.00041 | -0.00041 | * | no | 1.501 | - |
| | HxCB 362 | 28.25 | * | no | * | | | * | | | |
| 124 PCB 162 | 360 | NotFnd | * | * | * | -0.00046 | -0.00046 | * | no | 1.338 | - |
| | HxCB 362 | 28.51 | * | no | * | | | * | | | |
| 125 PCB 167 | 360 | NotFnd | * | * | * | -0.00065 | -0.00065 | * | no | 0.951 | - |
| | HxCB 362 | 29.01 | * | no | * | | | * | | | |
| 126 PCB 156/157 | 360 | 30.13 | 449 | 1.98 | 675 | -0.00059 | -0.00059 | * | yes | 1.036 | - |
| | HxCB 362 | 30.16 | 226 | no | * | | | * | | | |
| 127 PCB 169 | 360 | NotFnd | * | * | * | -0.00063 | -0.00063 | * | no | 0.973 | - |
| | HxCB 362 | 33.53 | * | no | * | | | * | | | |
| 128 PCB 188 | 394 | NotFnd | * | * | * | -0.00079 | -0.00079 | * | no | 1.053 | - |
| | HpCB 396 | 23.79 | * | no | * | | | * | | | |
| 129 PCB 179 | 394 | NotFnd | * | * | * | -0.00085 | -0.00085 | * | no | 0.98 | - |
| | HpCB 396 | 24.07 | * | no | * | | | * | | | |
| 130 PCB 184 | 394 | NotFnd | * | * | * | -0.00092 | -0.00092 | * | no | 0.904 | - |
| | HpCB 396 | 24.57 | * | no | * | | | * | | | |
| 131 PCB 176 | 394 | NotFnd | * | * | * | -0.00089 | -0.00089 | * | no | 0.939 | - |
| | HpCB 396 | 24.88 | * | no | * | | | * | | | |
| 132 PCB 186 | 394 | NotFnd | * | * | * | -0.00101 | -0.00101 | * | no | 0.822 | - |
| | HpCB 396 | 25.28 | * | no | * | | | * | | | |
| 133 PCB 178 | 394 | NotFnd | * | * | * | -0.00126 | -0.00126 | * | no | 0.663 | - |
| | HpCB 396 | 26.54 | * | no | * | | | * | | | |
| 134 PCB 175 | 394 | NotFnd | * | * | * | -0.0012 | -0.0012 | * | no | 0.695 | - |
| | HpCB 396 | 27.14 | * | no | * | | | * | | | |
| 135 PCB 187 | 394 | NotFnd | * | * | * | -0.00129 | -0.00129 | * | no | 0.647 | - |
| | HpCB 396 | 27.40 | * | no | * | | | * | | | |
| 136 PCB 182 | 394 | NotFnd | * | * | * | -0.00124 | -0.00124 | * | no | 0.673 | - |
| | HpCB 396 | 27.61 | * | no | * | | | * | | | |

| | | | | | | | | | | | |
|-------------------|----------|--------|--------|------|--------|----------|----------|------|-----|-------|-----|
| 137 PCB 183 | 394 | NotFnd | * | * | * | -0.00176 | -0.00176 | * | no | 1.138 | - |
| | HpCB 396 | 27.96 | * | no | * | | | * | | | |
| 138 PCB 185 | 394 | NotFnd | * | * | * | -0.00269 | -0.00269 | * | no | 0.743 | - |
| | HpCB 396 | 28.06 | * | no | * | | | * | | | |
| 139 PCB 174 | 394 | NotFnd | * | * | * | -0.00231 | -0.00231 | * | no | 0.867 | - |
| | HpCB 396 | 28.18 | * | no | * | | | * | | | |
| 140 PCB 177 | 394 | NotFnd | * | * | * | -0.00229 | -0.00229 | * | no | 0.874 | - |
| | HpCB 396 | 28.66 | * | no | * | | | * | | | |
| 141 PCB 181 | 394 | NotFnd | * | * | * | -0.00235 | -0.00235 | * | no | 0.85 | - |
| | HpCB 396 | 29.03 | * | no | * | | | * | | | |
| 142 PCB 171/173 | 394 | NotFnd | * | * | * | -0.00229 | -0.00229 | * | no | 0.875 | - |
| | HpCB 396 | 29.26 | * | no | * | | | * | | | |
| 143 PCB 172 | 394 | NotFnd | * | * | * | -0.00231 | -0.00231 | * | no | 0.866 | - |
| | HpCB 396 | 30.90 | * | no | * | | | * | | | |
| 144 PCB 192 | 394 | NotFnd | * | * | * | -0.00204 | -0.00204 | * | no | 0.979 | - |
| | HpCB 396 | 31.21 | * | no | * | | | * | | | |
| 145 PCB 193/180 | 394 | NotFnd | * | * | * | -0.0015 | -0.0015 | * | no | 1.333 | - |
| | HpCB 396 | 31.56 | * | no | * | | | * | | | |
| 146 PCB 191 | 394 | NotFnd | * | * | * | -0.00174 | -0.00174 | * | no | 1.152 | - |
| | HpCB 396 | 31.94 | * | no | * | | | * | | | |
| 147 PCB 170 | 394 | NotFnd | * | * | * | -0.00166 | -0.00166 | * | no | 1.206 | - |
| | HpCB 396 | 32.90 | * | no | * | | | * | | | |
| 148 PCB 190 | 394 | NotFnd | * | * | * | -0.00184 | -0.00184 | * | no | 1.089 | - |
| | HpCB 396 | 33.46 | * | no | * | | | * | | | |
| 149 PCB 189 | 394 | NotFnd | * | * | * | -0.00108 | -0.00108 | * | no | 0.91 | - |
| | HpCB 396 | 36.29 | * | no | * | | | * | | | |
| 150 PCB 202 | 428 | NotFnd | * | * | * | -0.00057 | -0.00057 | * | no | 1.08 | - |
| | OcCB 430 | 28.77 | * | no | * | | | * | | | |
| 151 PCB 201 | 428 | NotFnd | * | * | * | -0.00057 | -0.00057 | * | no | 1.088 | - |
| | OcCB 430 | 29.69 | * | no | * | | | * | | | |
| 152 PCB 204 | 428 | NotFnd | * | * | * | -0.00057 | -0.00057 | * | no | 1.08 | - |
| | OcCB 430 | 30.38 | * | no | * | | | * | | | |
| 153 PCB 197 | 428 | NotFnd | * | * | * | -0.0007 | -0.0007 | * | no | 0.88 | - |
| | OcCB 430 | 30.61 | * | no | * | | | * | | | |
| 154 PCB 200 | 428 | NotFnd | * | * | * | -0.00054 | -0.00054 | * | no | 1.141 | - |
| | OcCB 430 | 30.73 | * | no | * | | | * | | | |
| 155 PCB 198/199 | 428 | NotFnd | * | * | * | -0.00089 | -0.00089 | * | no | 0.691 | - |
| | OcCB 430 | 33.63 | * | no | * | | | * | | | |
| 156 PCB 196 | 428 | NotFnd | * | * | * | -0.00084 | -0.00084 | * | no | 0.736 | - |
| | OcCB 430 | 34.35 | * | no | * | | | * | | | |
| 157 PCB 203 | 428 | NotFnd | * | * | * | -0.00087 | -0.00087 | * | no | 0.712 | - |
| | OcCB 430 | 34.54 | * | no | * | | | * | | | |
| 158 PCB 195 | 428 | NotFnd | * | * | * | -0.00073 | -0.00073 | * | no | 1.012 | - |
| | OcCB 430 | 35.99 | * | no | * | | | * | | | |
| 159 PCB 194 | 428 | NotFnd | * | * | * | -0.0007 | -0.0007 | * | no | 1.061 | - |
| | OcCB 430 | 38.61 | * | no | * | | | * | | | |
| 160 PCB 205 | 428 | NotFnd | * | * | * | -0.00069 | -0.00069 | * | no | 1.071 | - |
| | OcCB 430 | 39.16 | * | no | * | | | * | | | |
| 161 PCB 208 | 462 | NotFnd | * | * | * | -0.00214 | -0.00214 | * | no | 1.082 | - |
| | NoCB 464 | 35.75 | * | no | * | | | * | | | |
| 162 PCB 207 | 462 | NotFnd | * | * | * | -0.00175 | -0.00175 | * | no | 1.324 | - |
| | NoCB 464 | 36.79 | * | no | * | | | * | | | |
| 163 PCB 206 | 462 | NotFnd | * | * | * | -0.00215 | -0.00215 | * | no | 1.077 | - |
| | NoCB 464 | 41.10 | * | no | * | | | * | | | |
| 164 PCB 209 | 498 | NotFnd | * | * | * | -0.00175 | -0.00175 | * | no | 1.024 | - |
| | DCB 500 | 43.01 | * | no | * | | | * | | | |
| 165 PCB 1L | 200 | 8.83 | 160071 | 3.5 | 205774 | 0.129434 | 0.001 | 2452 | no | 0.821 | 65 |
| | 202 | 8.83 | 45702 | yes | | | | 332 | | | |
| 166 PCB 3L | 200 | 10.02 | 165541 | 3.42 | 213979 | 0.13354 | 0.001 | 2696 | no | 0.828 | 67 |
| | 202 | 10.01 | 48438 | yes | | | | 371 | | | |
| 167 PCB 4L | 234 | 10.13 | 51256 | 1.63 | 82731 | 0.151783 | 0.002 | 288 | no | 0.282 | 76 |
| | 236 | 10.11 | 31475 | yes | | | | 450 | | | |
| 168 PCB 15L | 234 | 12.73 | 245781 | 1.76 | 385225 | 0.187062 | 0.001 | 726 | no | 1.064 | 94 |
| | 236 | 12.73 | 139445 | yes | | | | 416 | | | |
| 169 PCB 19L | 268 | 11.49 | 55181 | 1.01 | 109989 | 0.164591 | 0.005 | 124 | no | 0.345 | 82 |
| | 270 | 11.49 | 54807 | yes | | | | 70 | | | |
| 170 PCB 37L | 268 | 16.36 | 211912 | 1.1 | 403872 | 0.199607 | 0.003 | 226 | no | 2.614 | 100 |
| | 270 | 16.36 | 191960 | yes | | | | 159 | | | |
| 171 PCB 54L | 302 | 12.85 | 52619 | 0.79 | 119432 | 0.203541 | 0.001 | 393 | no | 0.758 | 102 |
| | 304 | 12.85 | 66813 | yes | | | | 1342 | | | |
| 172 PCB 81L | 302 | 20.98 | 127809 | 0.82 | 283736 | 0.195389 | 0.001 | 727 | no | 1.876 | 98 |
| | 304 | 20.98 | 155928 | yes | | | | 1108 | | | |
| 173 PCB 77L | 302 | 21.41 | 120887 | 0.81 | 269139 | 0.193289 | 0.001 | 668 | no | 1.799 | 97 |
| | 304 | 21.43 | 148252 | yes | | | | 1017 | | | |
| 174 PCB 104L | 338 | 15.63 | 78610 | 1.53 | 129879 | 0.212789 | 0 | 2634 | no | 0.967 | 106 |
| | 340 | 15.64 | 51268 | yes | | | | 1853 | | | |
| 175 PCB 123L | 338 | 23.03 | 186864 | 1.67 | 299027 | 0.206526 | 0 | 2755 | no | 2.293 | 103 |
| | 340 | 23.05 | 112173 | yes | | | | 2626 | | | |
| 176 PCB 118L | 338 | 23.32 | 177720 | 1.62 | 287157 | 0.206435 | 0 | 2572 | no | 2.203 | 103 |
| | 340 | 23.32 | 109437 | yes | | | | 2504 | | | |
| 177 PCB 114L | 338 | 23.78 | 167542 | 1.72 | 264985 | 0.204803 | 0 | 2381 | no | 2.049 | 102 |
| | 340 | 23.80 | 97443 | yes | | | | 2210 | | | |
| 178 PCB 105L | 338 | 24.34 | 171167 | 1.69 | 272695 | 0.204313 | 0 | 2502 | no | 2.114 | 102 |
| | 340 | 24.36 | 101527 | yes | | | | 2331 | | | |
| 179 PCB 126L | 338 | 27.16 | 157963 | 1.63 | 255067 | 0.19451 | 0 | 2127 | no | 2.077 | 97 |
| | 340 | 27.18 | 97103 | yes | | | | 2024 | | | |
| 180 PCB 155L | 372 | 19.25 | 83279 | 1.21 | 152280 | 0.236709 | 0 | 3323 | no | 1.056 | 118 |
| | 374 | 19.25 | 69001 | yes | | | | 1965 | | | |
| 181 PCB 167L | 372 | 28.98 | 151460 | 1.3 | 268012 | 0.193987 | 0.001 | 831 | no | 2.269 | 97 |
| | 374 | 29.01 | 116551 | yes | | | | 1568 | | | |
| 182 PCB 156L/157L | 372 | 30.13 | 281101 | 1.32 | 494011 | 0.390984 | 0.001 | 1247 | yes | 2.075 | 98 |
| | 374 | 30.16 | 212910 | yes | | | | 2324 | | | |
| 183 PCB 169L | 372 | 33.50 | 93357 | 1.35 | 162763 | 0.124741 | 0.001 | 496 | no | 2.142 | 62 |
| | 374 | 33.50 | 69405 | yes | | | | 906 | | | |

| | | | | | | | | | | | | | |
|-----------------------|-----|--------|---------|------|---------|----------|-------|----------|-----|-------|-----|--|--|
| 184 PCB 188L | 406 | 23.76 | 79101 | 1.08 | 152485 | 0.226914 | | | | | | | |
| | 408 | 23.77 | 73384 | yes | | | 0 | 1998 | no | 1.103 | 113 | | |
| 185 PCB 180L | 406 | 31.56 | 57453 | 1.09 | 110354 | 0.323858 | | 1754 | | | | | |
| | 408 | 31.56 | 52901 | yes | | | 0.001 | 1595 | no | 1.219 | 162 | | |
| 186 PCB 170L | 406 | 32.87 | 47982 | 1.1 | 91573 | 0.299854 | | 1612 | | | | | |
| | 408 | 32.87 | 43592 | yes | | | 0.001 | 1314 | yes | 1.093 | 150 | | |
| 187 PCB 189L | 406 | 36.25 | 96371 | 1.05 | 187836 | 0.277399 | | 1305 | | | | | |
| | 408 | 36.23 | 91466 | yes | | | 0.001 | 775 | no | 2.422 | 139 | | |
| 188 PCB 202L | 440 | 28.74 | 58472 | 0.9 | 123664 | 0.371697 | | 1231 | | | | | |
| | 442 | 28.71 | 65191 | yes | | | 0.001 | 2476 | no | 1.19 | 186 | | |
| 189 PCB 205L | 440 | 39.12 | 41788 | 0.92 | 87225 | 0.211187 | | 2368 | | | | | |
| | 442 | 39.12 | 45438 | yes | | | 0.001 | 1197 | no | 1.478 | 106 | | |
| 190 PCB 208L | 474 | 35.72 | 36092 | 0.75 | 84429 | 0.260576 | | 1041 | | | | | |
| | 476 | 35.73 | 48337 | yes | | | 0.001 | 738 | no | 1.159 | 130 | | |
| 191 PCB 206L | 474 | 41.10 | 19354 | 0.78 | 44064 | 0.193634 | | 901 | | | | | |
| | 476 | 41.09 | 24711 | yes | | | 0.001 | 375 | no | 0.814 | 97 | | |
| 192 PCB 209L | 510 | 42.96 | 21516 | 1.21 | 39338 | 0.186468 | | 432 | | | | | |
| | 512 | 42.94 | 17822 | yes | | | 0 | 2137 | no | 0.755 | 93 | | |
| 193 PCB 28L | 268 | 14.15 | 223764 | 1.08 | 431539 | 0.200527 | | 2408 | | | | | |
| PCB Cleanup Standard | 270 | 14.15 | 207776 | yes | | | 0.003 | 263 | no | 2.78 | 90 | | |
| 194 PCB 111L | 338 | 21.41 | 112588 | 1.68 | 179571 | 0.213482 | | 192 | | | | | |
| PCB Cleanup Standard | 340 | 21.44 | 66984 | yes | | | 0 | 2409 | no | 1.332 | 96 | | |
| 195 PCB 178L | 406 | 26.50 | 46558 | 1.05 | 90887 | 0.22942 | | 1654 | | | | | |
| PCB Cleanup Standard | 408 | 26.50 | 44329 | yes | | | 0.001 | 1144 | no | 0.65 | 103 | | |
| 196 PCB 31L | 268 | 13.91 | 1684 | 0.64 | 4324 | 0.002013 | | 1042 | | | | | |
| PCB Audit Standard | 270 | 13.99 | 2640 | no | | | 0.003 | 1 | no | 2.775 | 1 | | |
| 197 PCB 95L | 338 | NotFnd | * | * | * | | 0 | 2 | no | 0.967 | | | |
| PCB Audit Standard | 340 | 17.42 | * | no | | | | | | | | | |
| 198 PCB 153L | 372 | 24.95 | 2410 | 1.61 | 3912 | 0.005395 | | 34 | | | | | |
| PCB Audit Standard | 374 | 24.94 | 1502 | no | | | 0 | 91 | no | 1.191 | 3 | | |
| 199 PCB 9L | 234 | 11.03 | 1351665 | 1.69 | 2150583 | 8.311744 | | 4213 | no | - | - | | |
| PCB Recovery Standard | 236 | 11.03 | 798918 | yes | | | - | 2530 | | | | | |
| 200 PCB 52L | 302 | 15.08 | 381337 | 0.8 | 860083 | 8.739366 | | 2532 | no | - | - | | |
| PCB Recovery Standard | 304 | 15.08 | 478746 | yes | | | - | 6918 | | | | | |
| 201 PCB 101L | 338 | 19.40 | 439589 | 1.68 | 701551 | 8.546236 | | 10180 | no | - | - | | |
| PCB Recovery Standard | 340 | 19.40 | 261962 | yes | | | - | 6879 | | | | | |
| 202 PCB 138L | 372 | 26.09 | 382166 | 1.3 | 676617 | 8.122821 | | 13765 | no | - | - | | |
| PCB Recovery Standard | 374 | 26.09 | 294451 | yes | | | - | 6168 | | | | | |
| 203 PCB 194L | 440 | 38.58 | 152842 | 0.97 | 310548 | 4.253096 | | 4292 | no | - | - | | |
| PCB Recovery Standard | 442 | 38.61 | 157706 | yes | | | - | 3661 | | | | | |
| Chlorobiphenyls | | | | | | | | | | | | | |
| Dichlorobiphenyls | | | | | | | 0 | -0.00109 | | | | | |
| Trichlorobiphenyls | | | | | | | 0 | -0.0186 | | | | | |
| Tetrachlorobiphenyls | | | | | | | 1 | 0.000917 | | | | | |
| Pentachlorobiphenyls | | | | | | | 1 | -0.00464 | | | | | |
| Hexachlorobiphenyls | | | | | | | 5 | 0.010787 | | | | | |
| Heptachlorobiphenyls | | | | | | | 1 | 0.005038 | | | | | |
| Octachlorobiphenyls | | | | | | | 0 | -0.00269 | | | | | |
| Nonachlorobiphenyls | | | | | | | 0 | -0.00089 | | | | | |
| Decachlorobiphenyl | | | | | | | 0 | -0.00215 | | | | | |
| PCB (total) | | | | | | | 0 | -0.00175 | | | | | |
| | | | | | | | | 0.018432 | | | | | |

Quantify Sample Report

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Printed: Wednesday, December 07, 2016 10:16:22 AM

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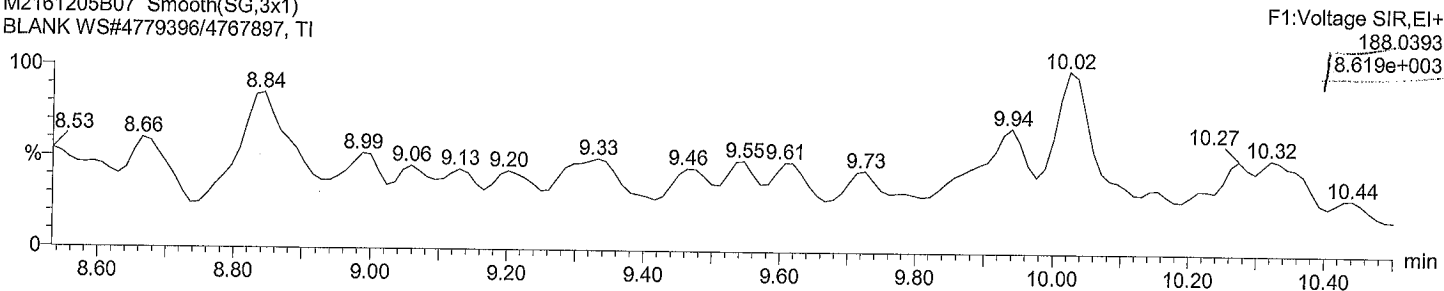
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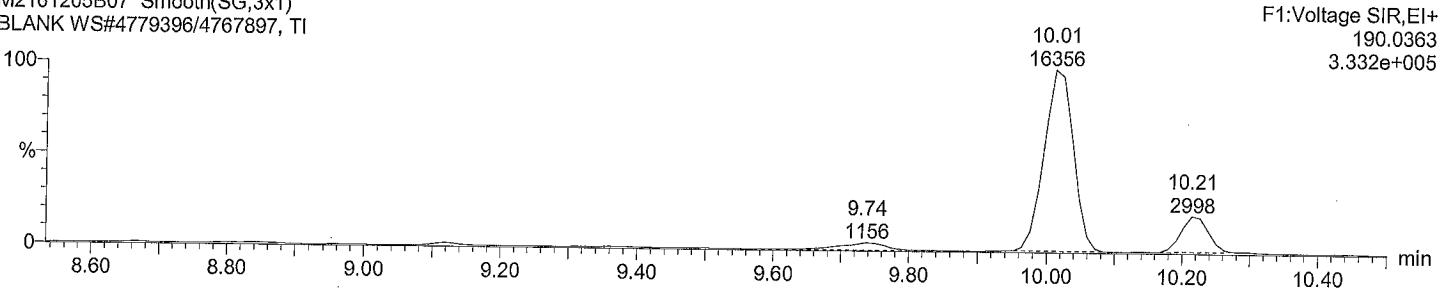
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BLANK WS#4779396/4767897, TI



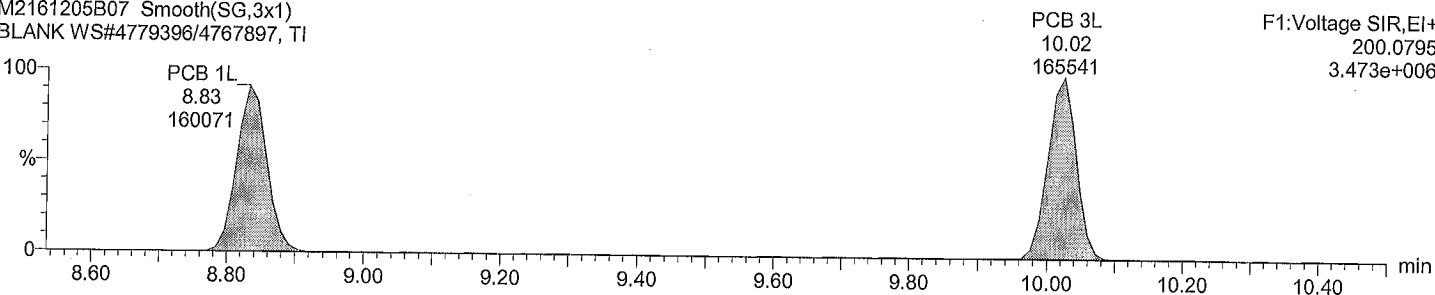
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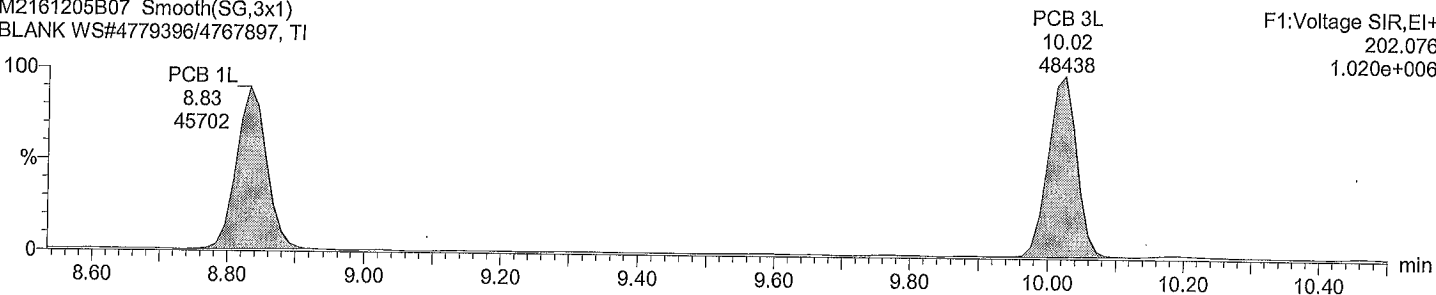
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Total MoCB labeled F1

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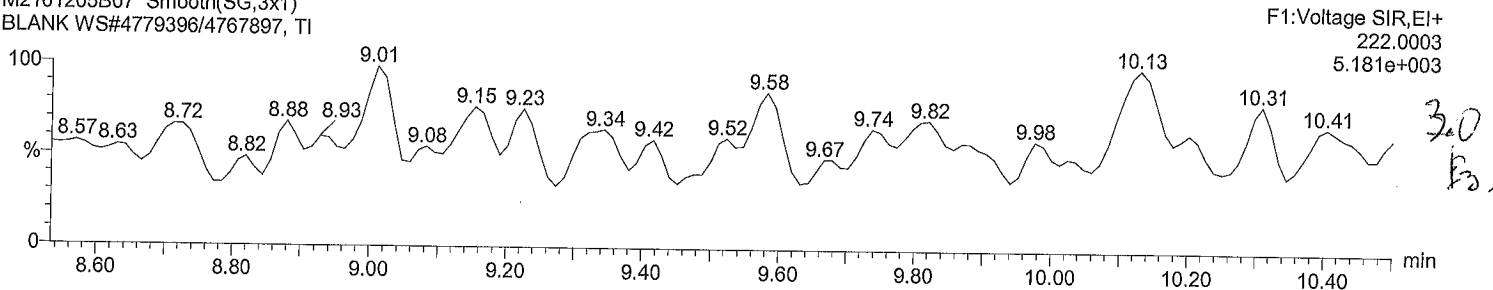
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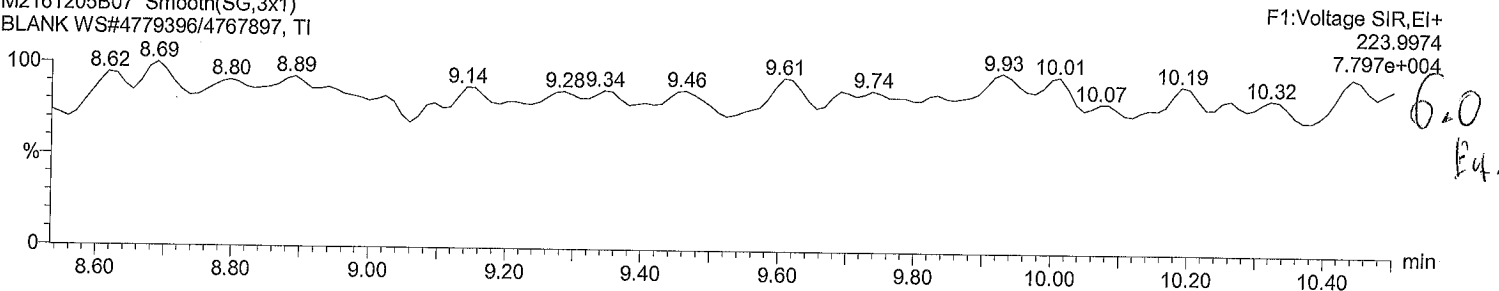
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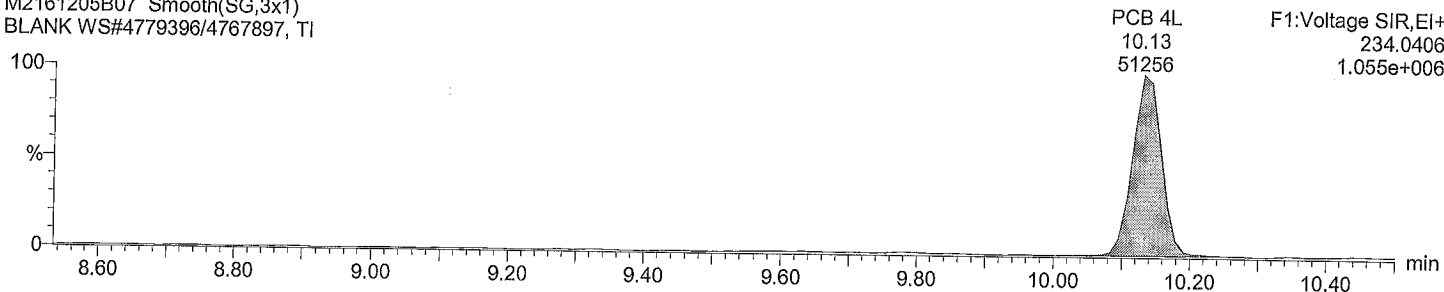
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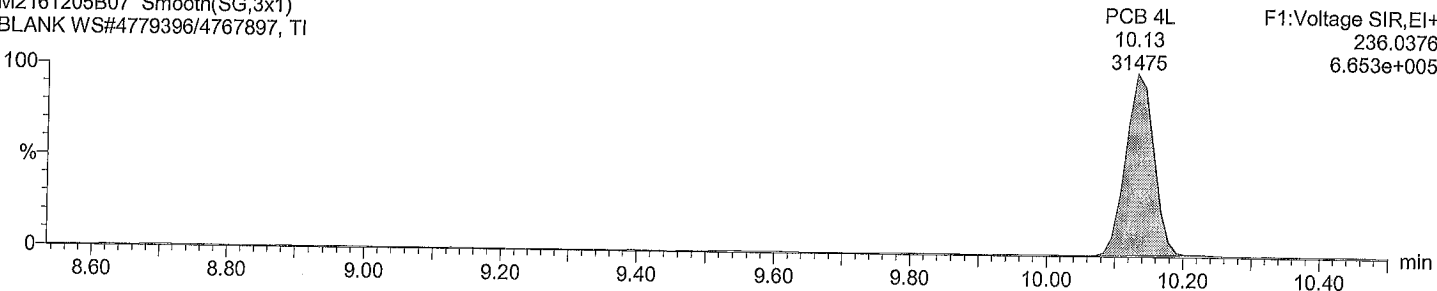
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BLANK WS#4779396/4767897, TI



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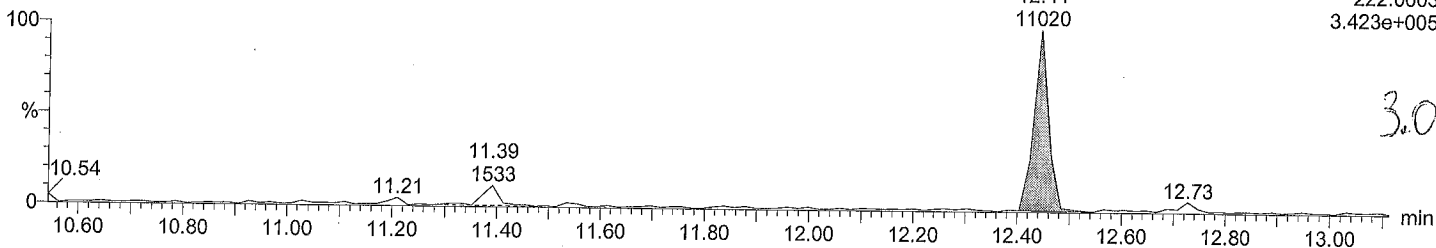
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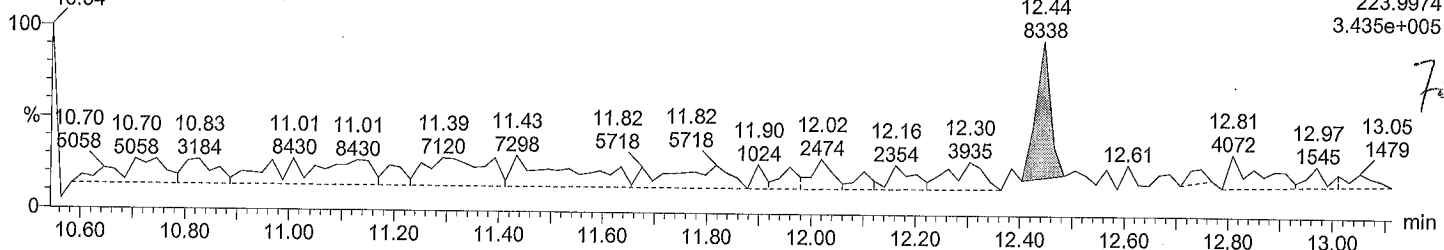
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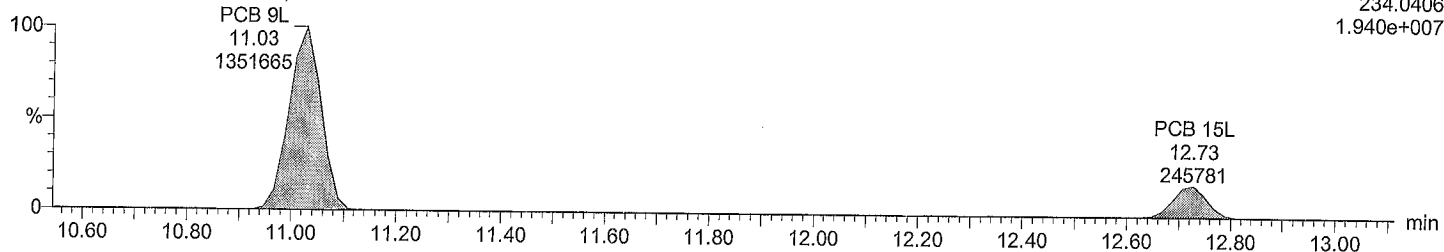
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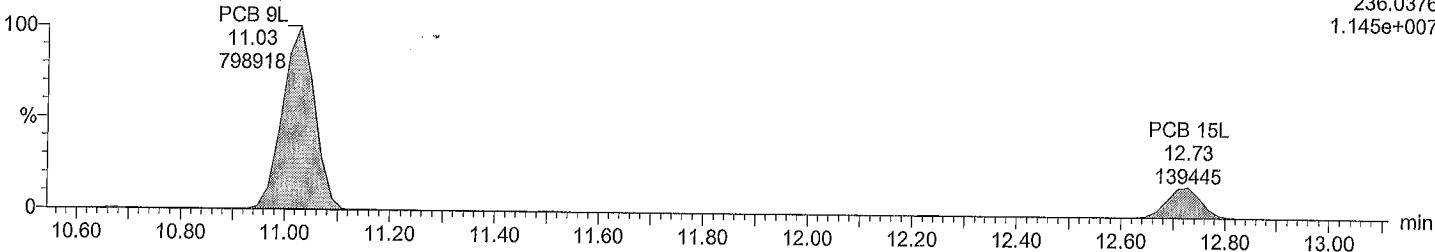
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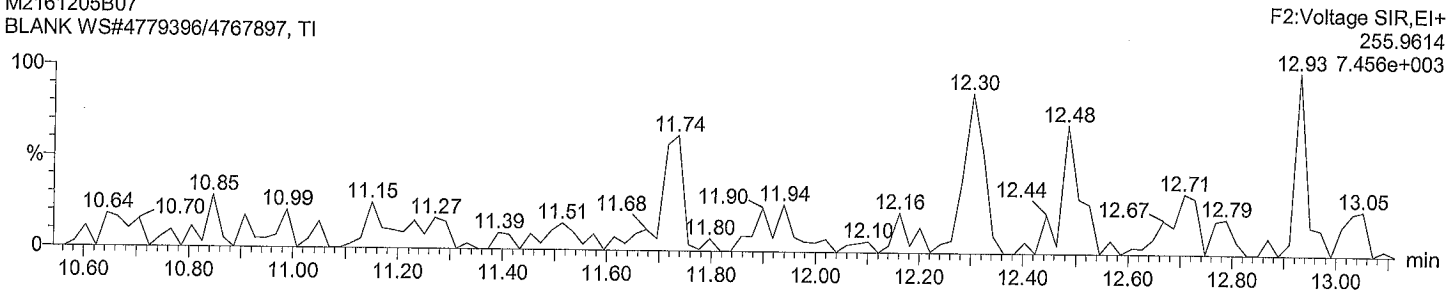
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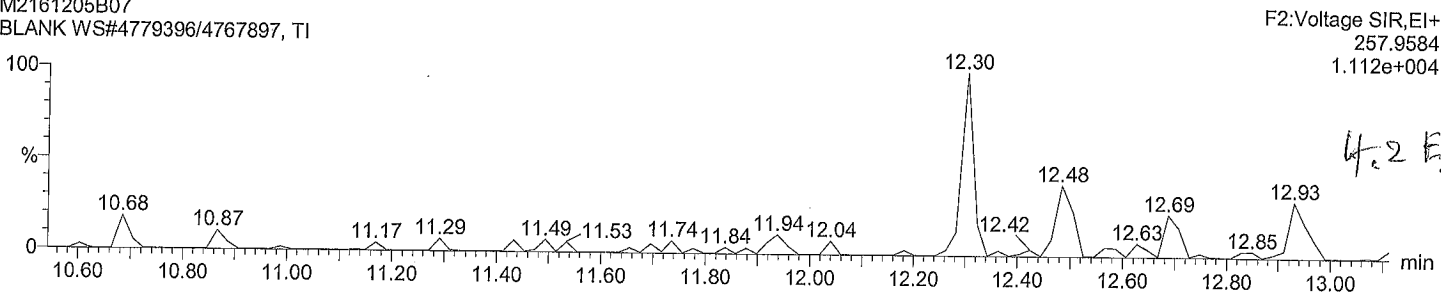
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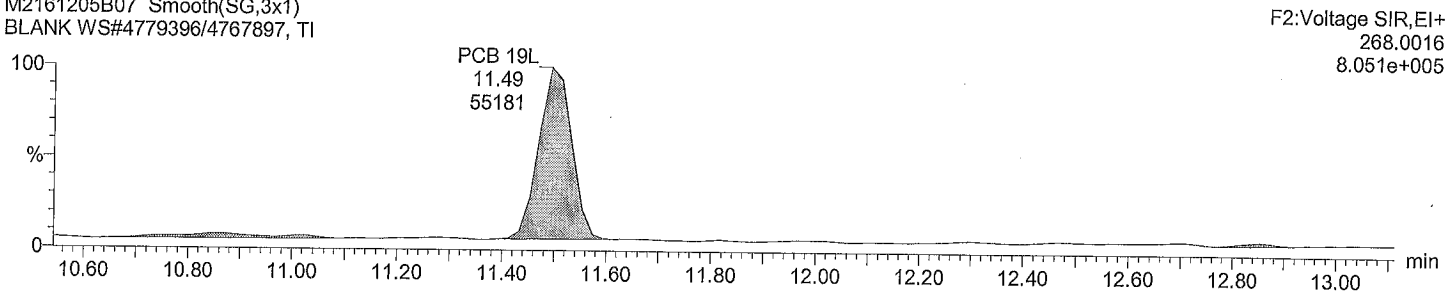
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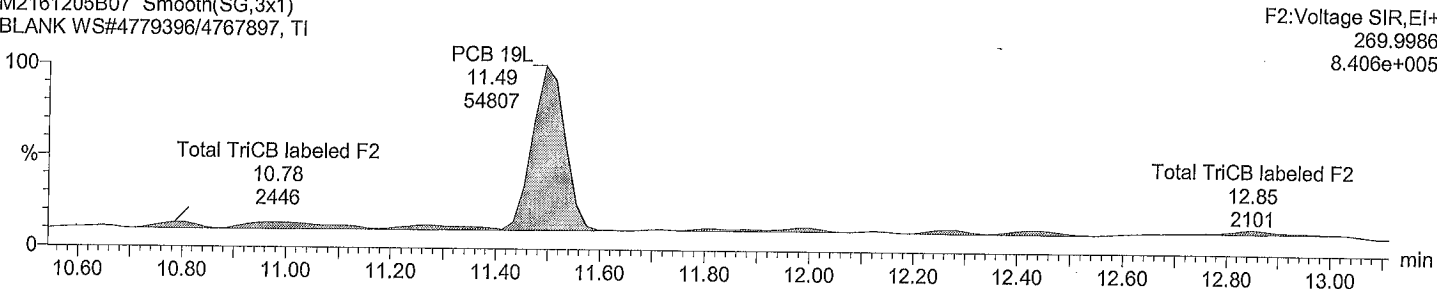
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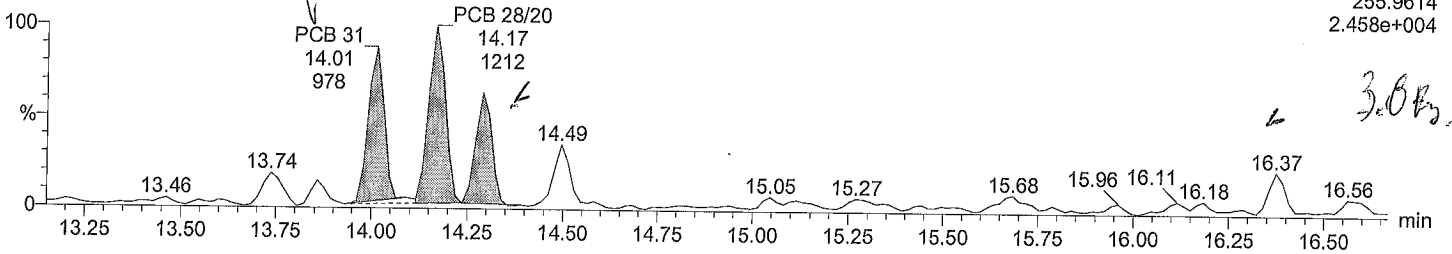
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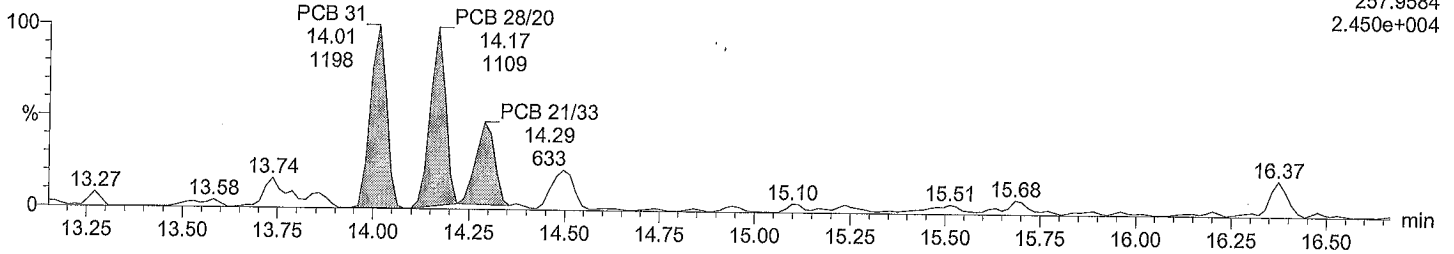
F3:Voltage SIR,EI+
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Total TriCB F3

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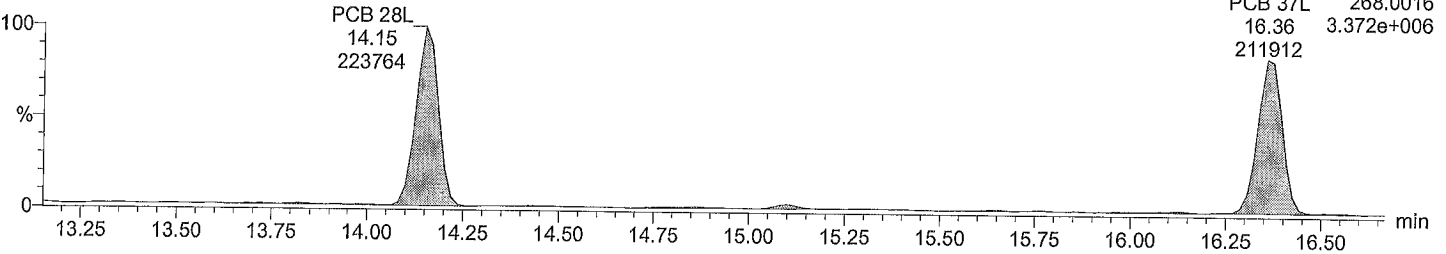
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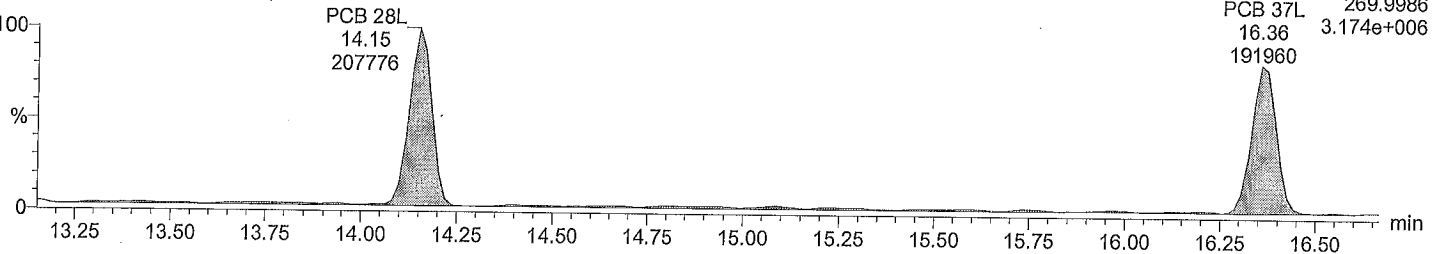
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Total TriCB labeled F3

M2161205B07 Smooth(SG,3x1)
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F3:Voltage SIR,EI+
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16.36 3.174e+006
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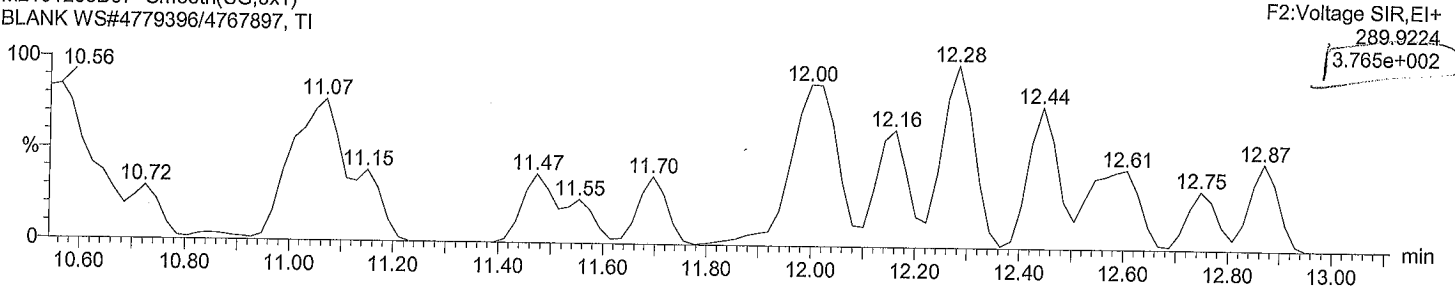
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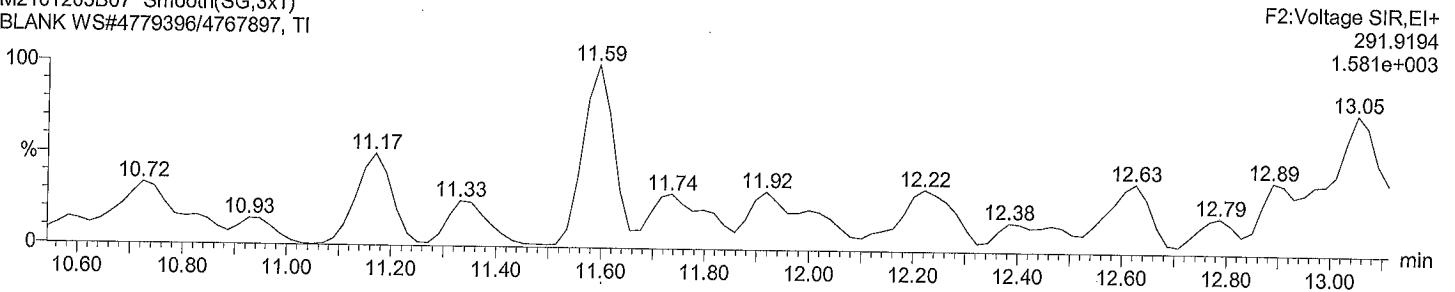
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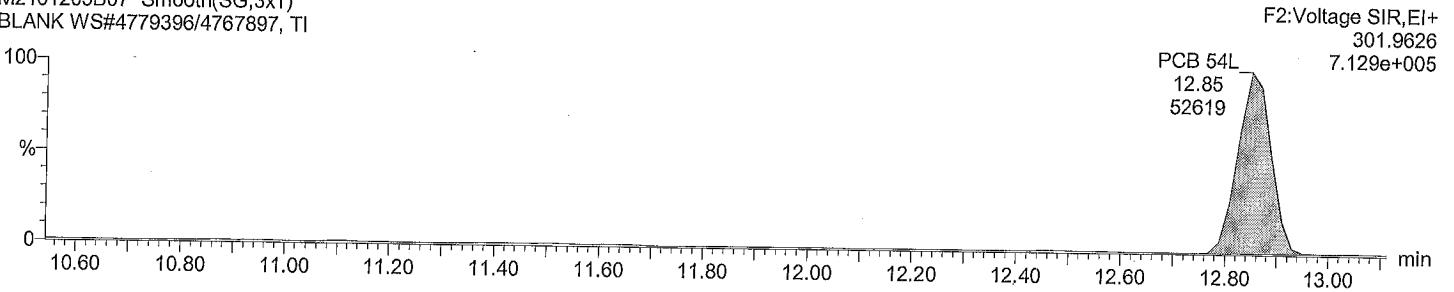
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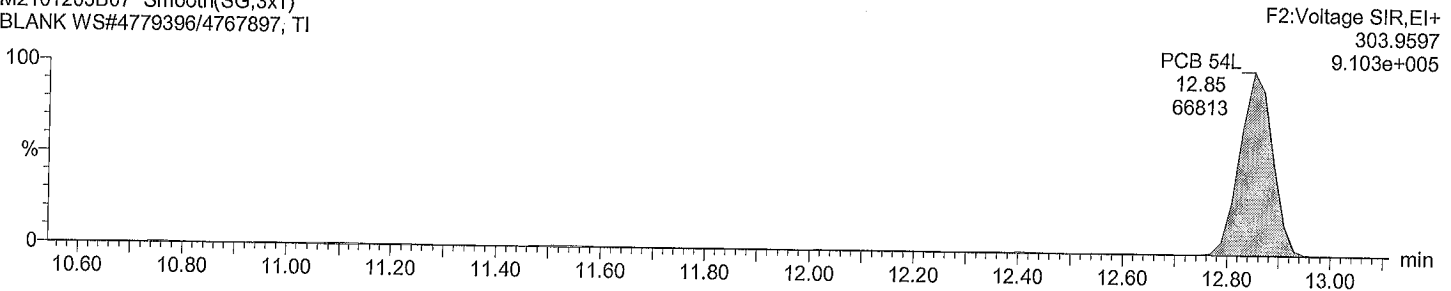
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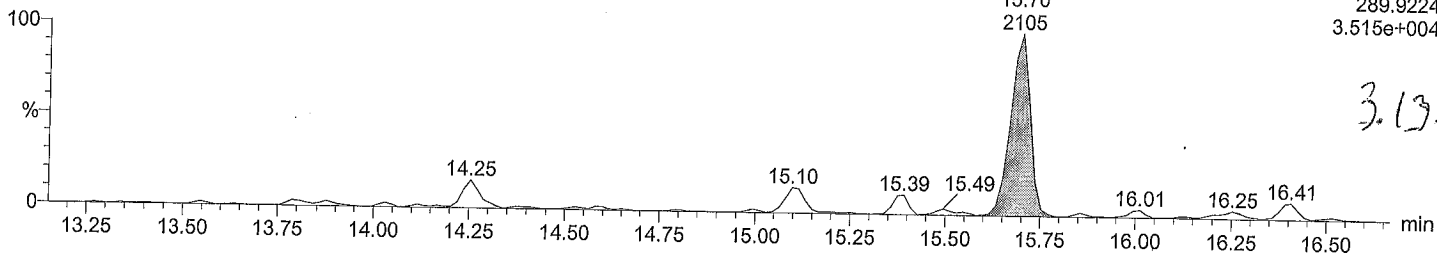
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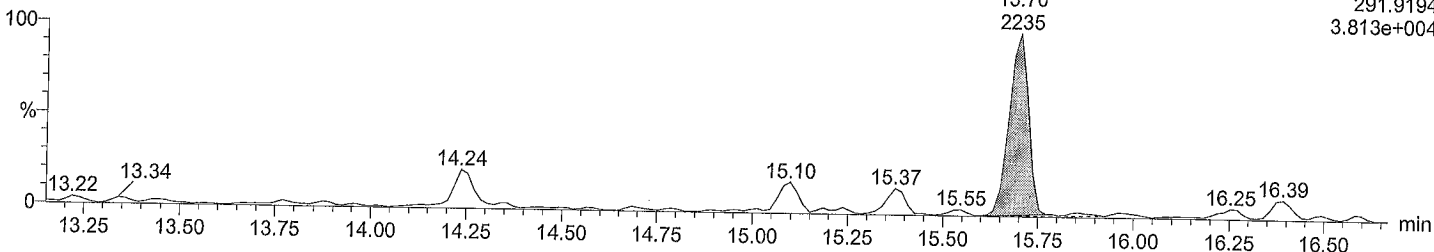
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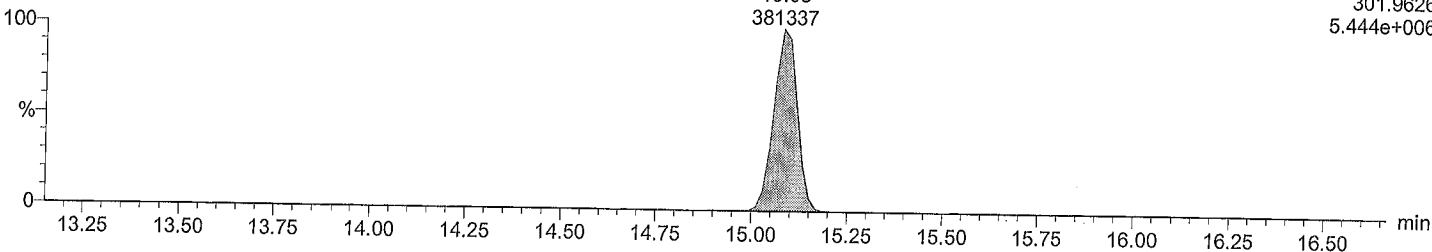
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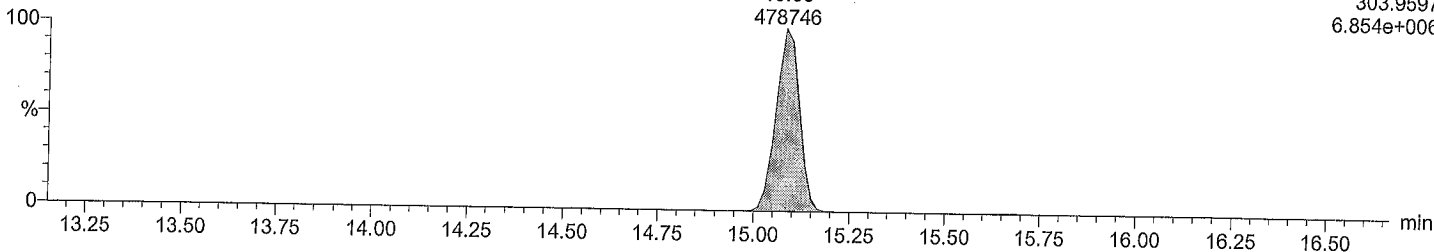
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BLANK WS#4779396/4767897, TI



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Date: 06-Dec-2016

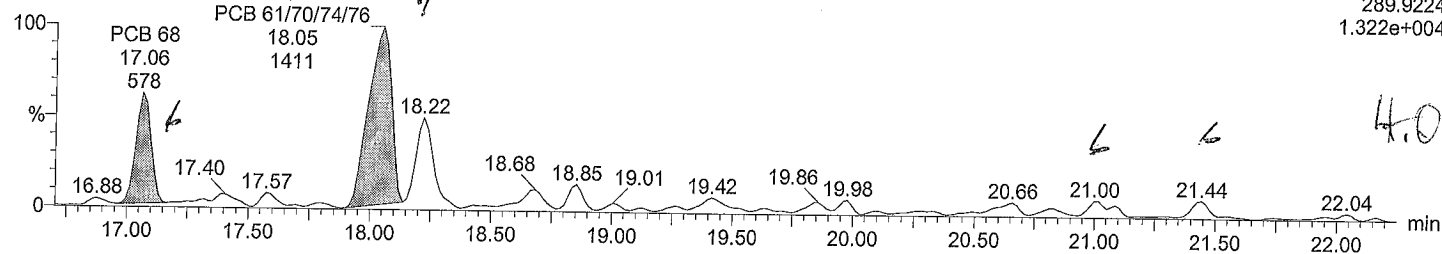
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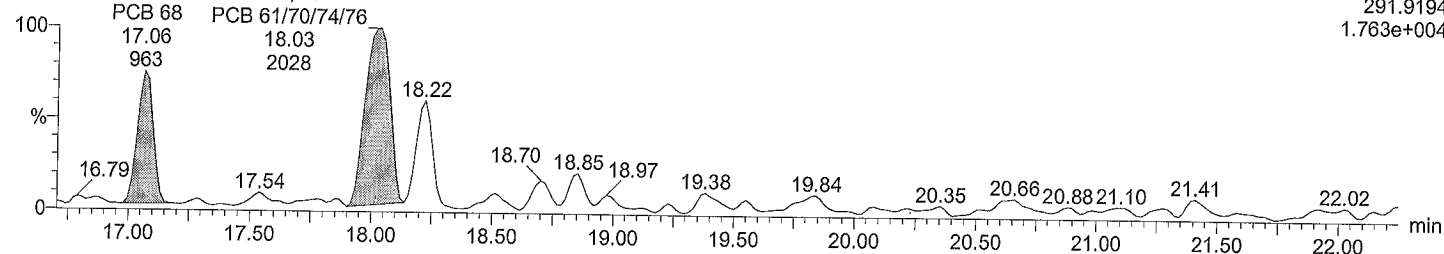
F4:Voltage SIR,EI+
289.9224
1.322e+004



Total TeCB F4

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI

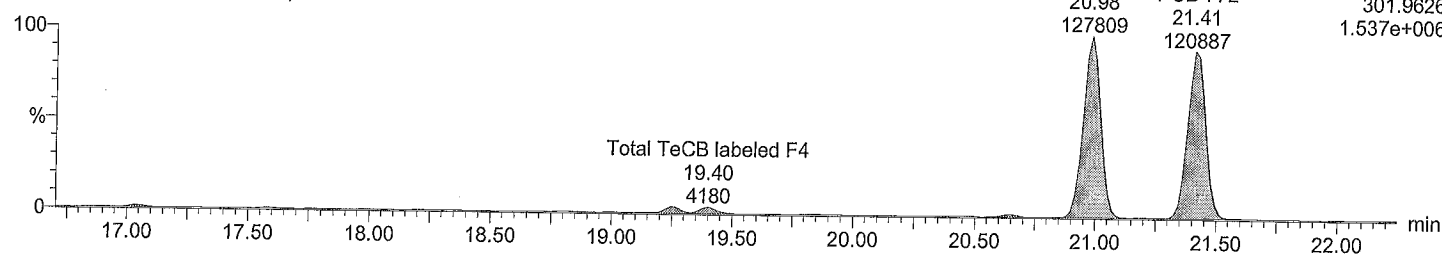
F4:Voltage SIR,EI+
291.9194
1.763e+004



Total TeCB labeled F4

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI

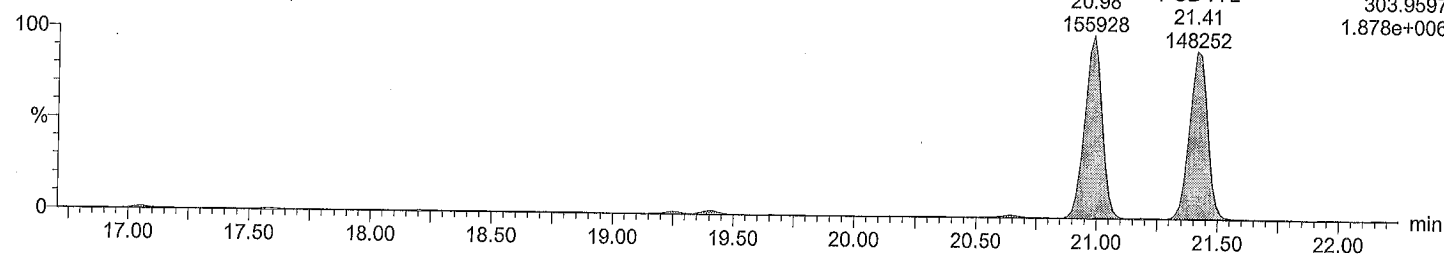
PCB 81L 20.98 127809
PCB 77L 21.41 120887
F4:Voltage SIR,EI+
301.9626
1.537e+006



Total TeCB labeled F4

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI

PCB 81L 20.98 155928
PCB 77L 21.41 148252
F4:Voltage SIR,EI+
303.9597
1.878e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 10:14:43 AM

Printed: Wednesday, December 07, 2016 10:16:22 AM

Description: BLANK

Vial: 7

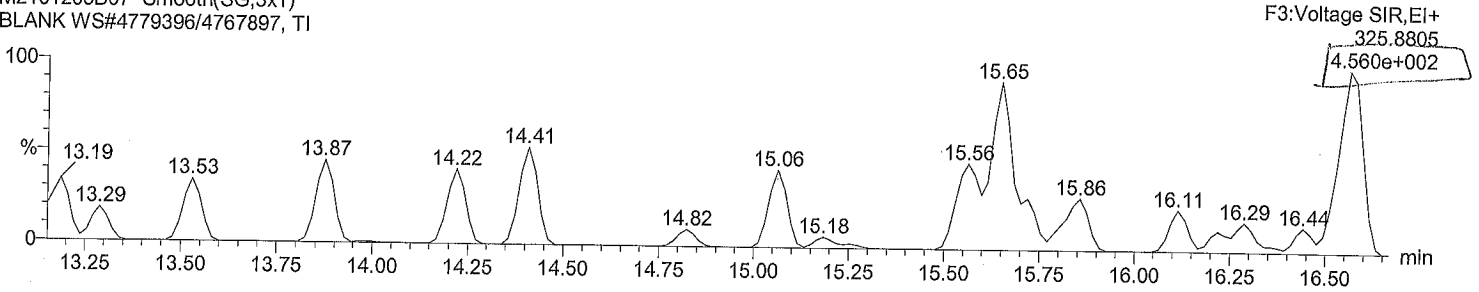
Date: 06-Dec-2016

Time: 00:39:57

Instrument:

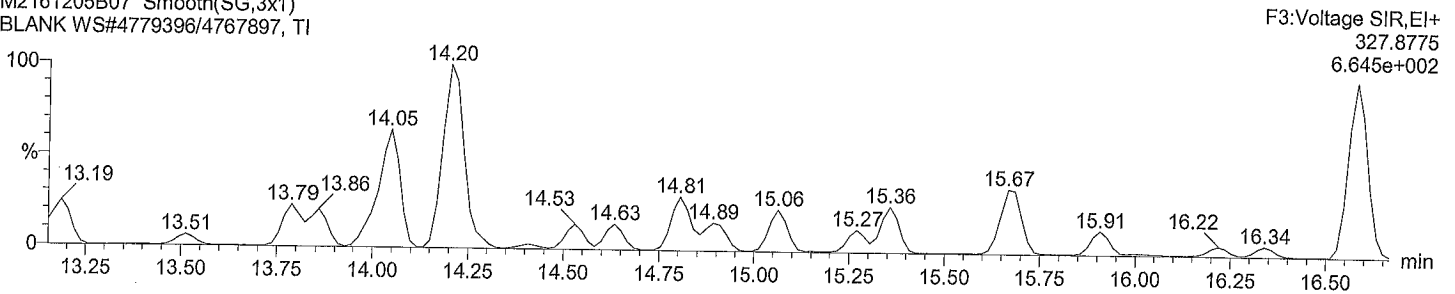
Total PeCB F3

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI



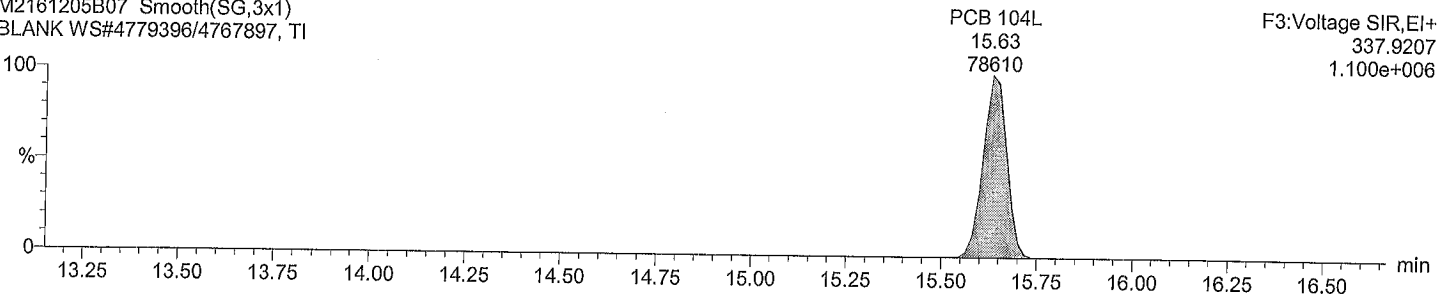
Total PeCB F3

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI



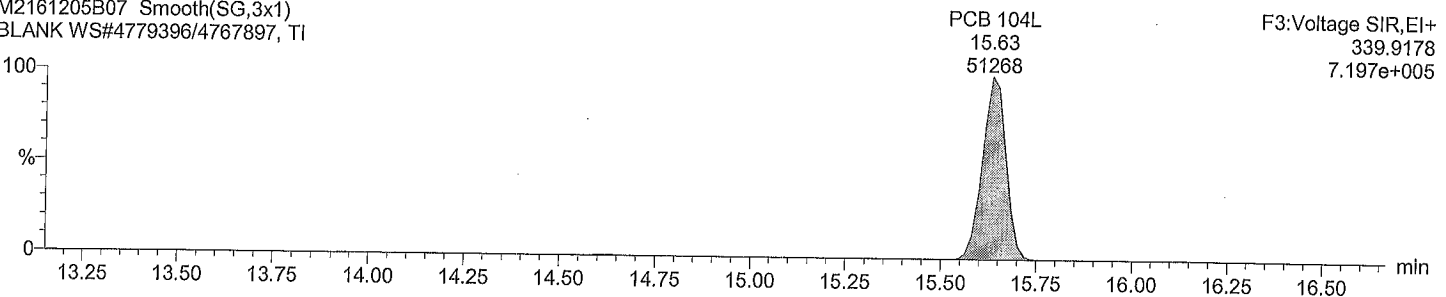
Total PeCB labeled F3

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI



Total PeCB labeled F3

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 10:14:43 AM

Printed: Wednesday, December 07, 2016 10:16:22 AM

Description: BLANK

Vial: 7

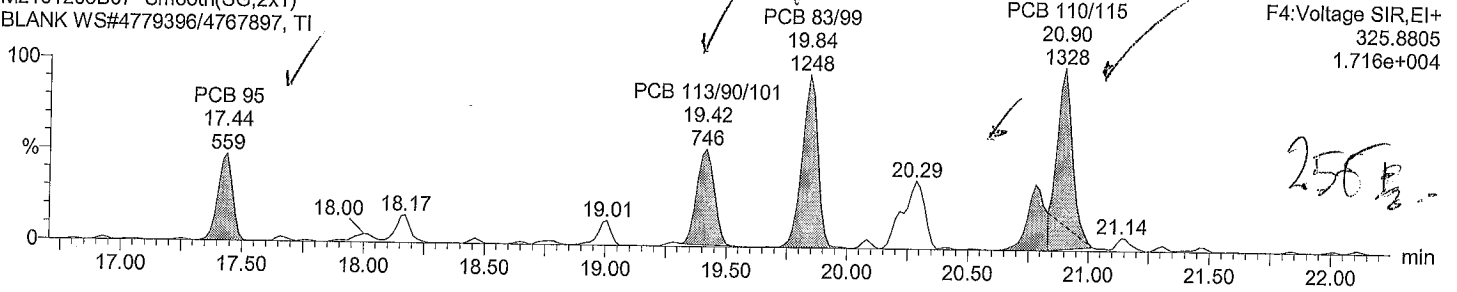
Date: 06-Dec-2016

Time: 00:39:57

Instrument:

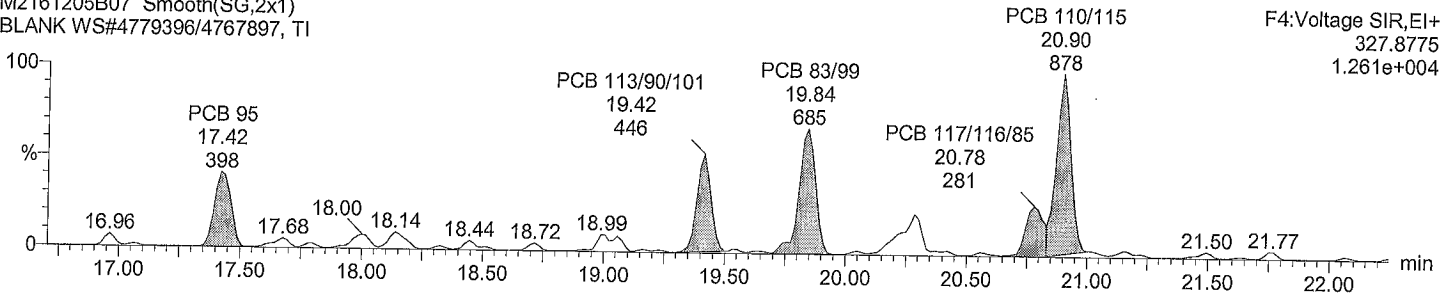
Total PeCB F4

M2161205B07 Smooth(SG,2x1)
BLANK WS#4779396/4767897, TI



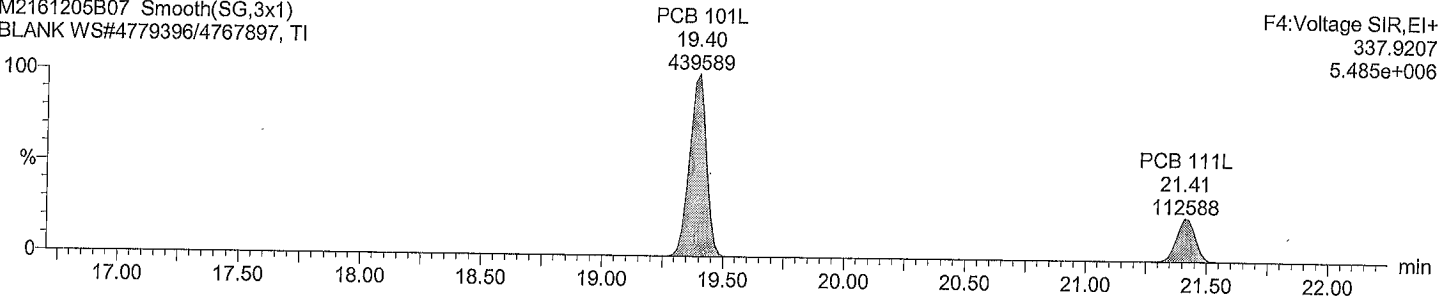
Total PeCB F4

M2161205B07 Smooth(SG,2x1)
BLANK WS#4779396/4767897, TI



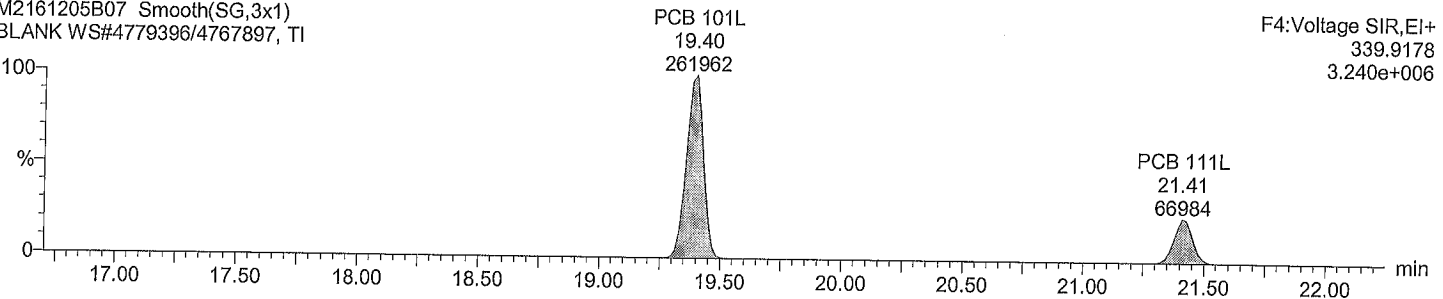
Total PeCB labeled F4

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI



Total PeCB labeled F4

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI



Quantify Sample Report

Acquired Date

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Description: BLANK

Vial: 7

Date: 06-Dec-2016

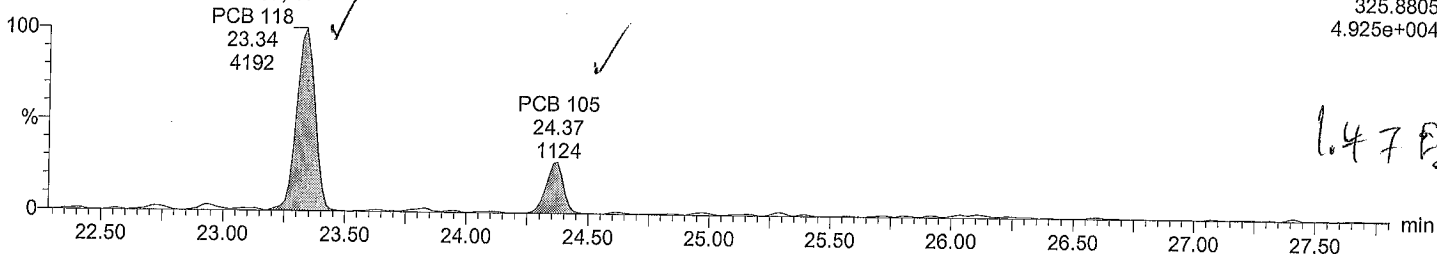
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Instrument:

Total PeCB F5

M2161205B07 Smooth(SG,2x1)
BLANK WS#4779396/4767897, TI

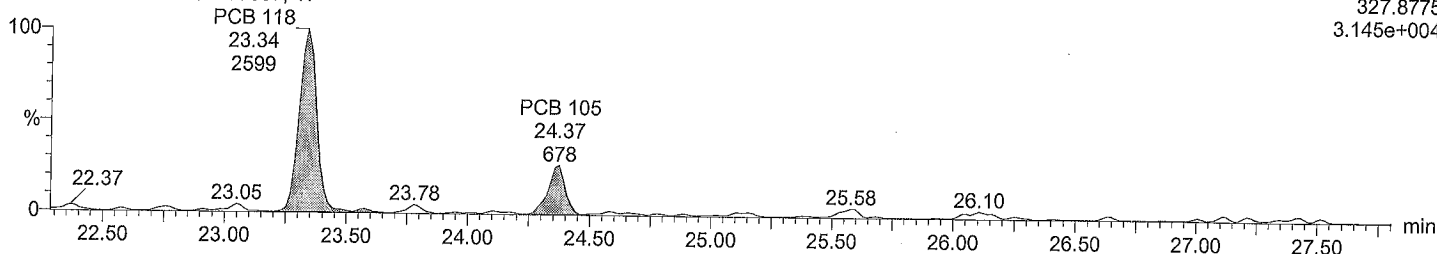
F5:Voltage SIR,EI+
325.8805
4.925e+004



Total PeCB F5

M2161205B07 Smooth(SG,2x1)
BLANK WS#4779396/4767897, TI

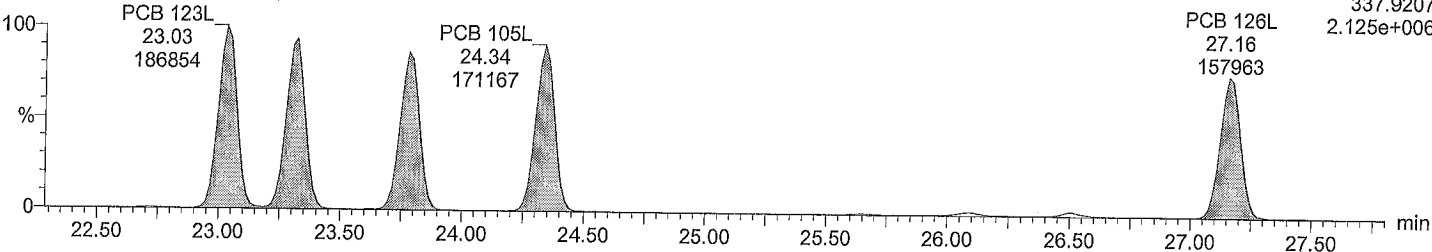
F5:Voltage SIR,EI+
327.8775
3.145e+004



Total PeCB labeled F5

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI

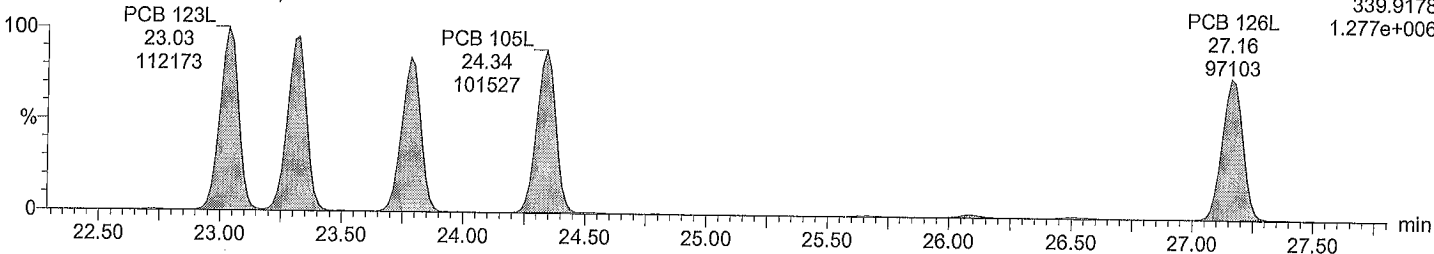
F5:Voltage SIR,EI+
337.9207
2.125e+006



Total PeCB labeled F5

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI

F5:Voltage SIR,EI+
339.9178
1.277e+006



Acquired Date

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Printed: Wednesday, December 07, 2016 10:16:22 AM

Description: BLANK

Vial: 7

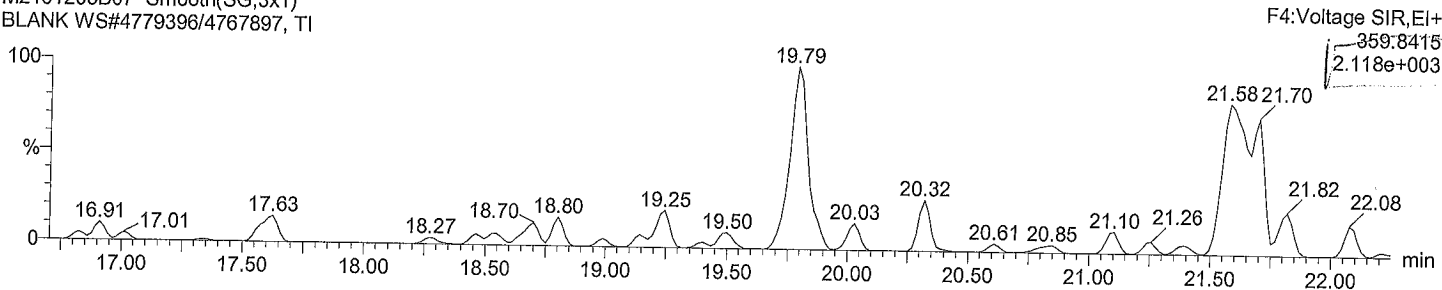
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Instrument:

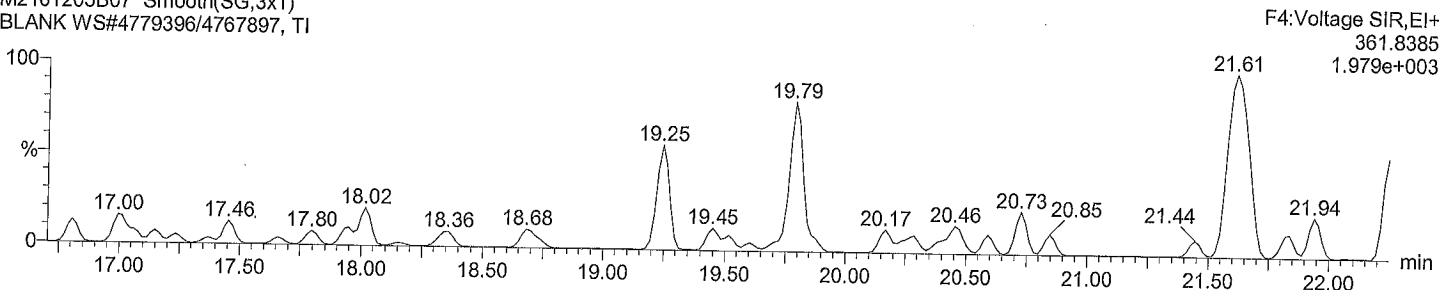
Total HxCB F4

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI



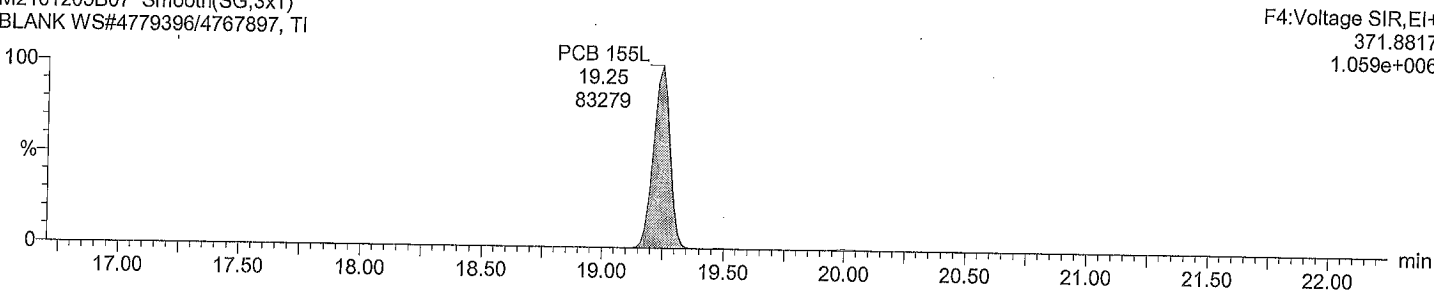
Total HxCB F4

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI



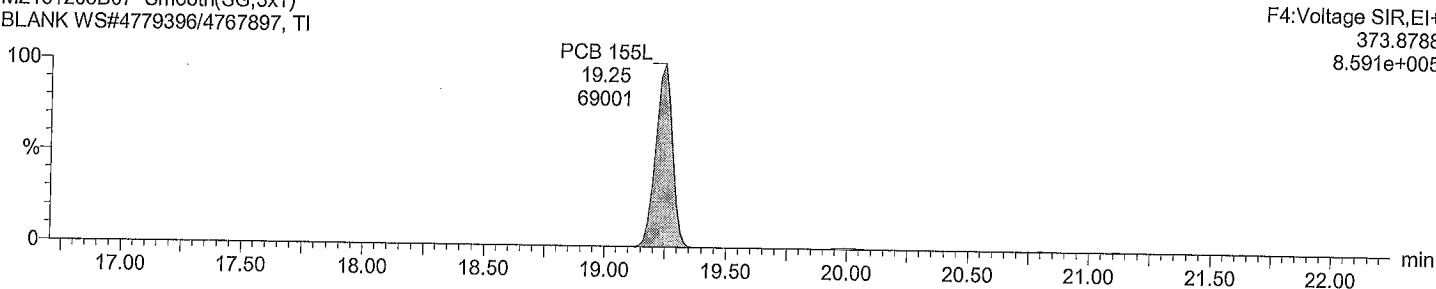
Total HxCB labeled F4

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI



Total HxCB labeled F4

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI



Quantify Sample Report

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Printed: Wednesday, December 07, 2016 10:16:22 AM

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Vial: 7

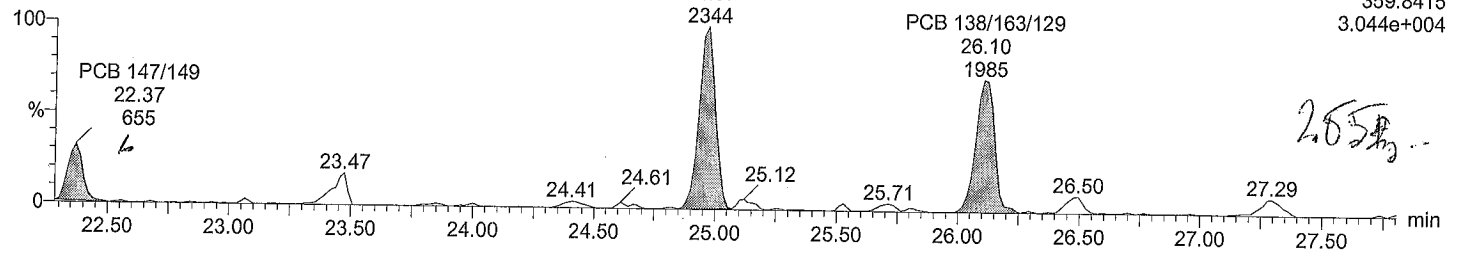
Date: 06-Dec-2016

Time: 00:39:57

Instrument:

Total HxCB F5

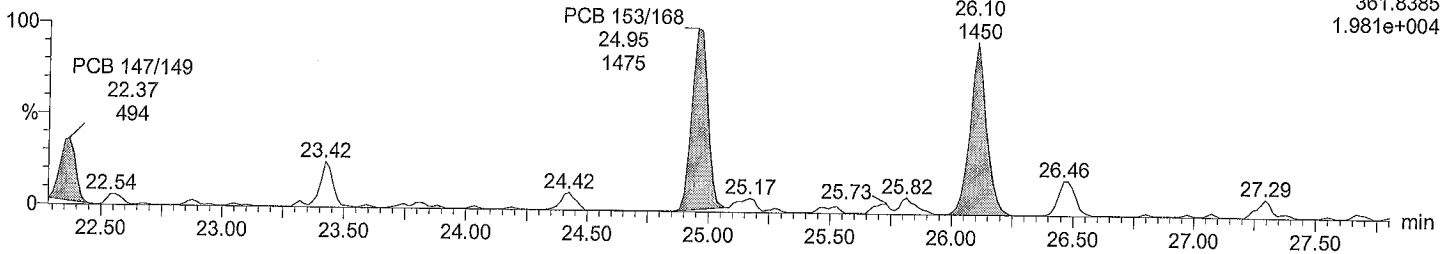
M2161205B07 Smooth(SG,1x1)
BLANK WS#4779396/4767897, T1



F5:Voltage SIR,EI+
359.8415
3.044e+004

Total HxCB F5

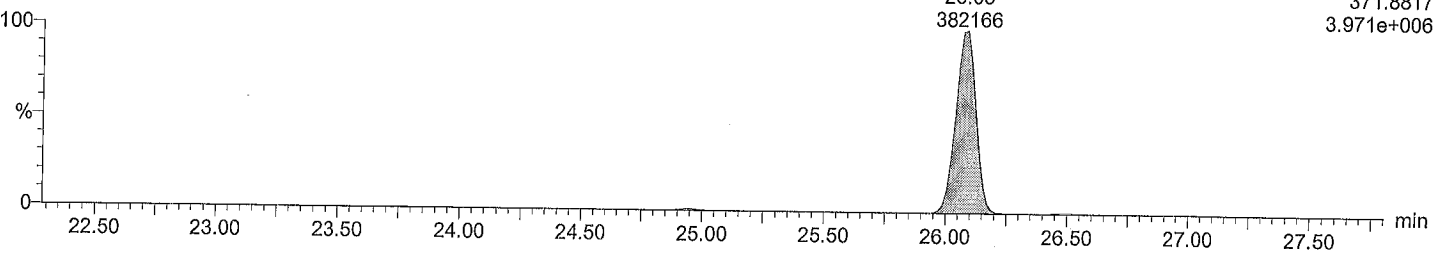
M2161205B07 Smooth(SG,1x1)
BLANK WS#4779396/4767897, T1



F5:Voltage SIR,EI+
361.8385
1.981e+004

Total HxCB labeled F5

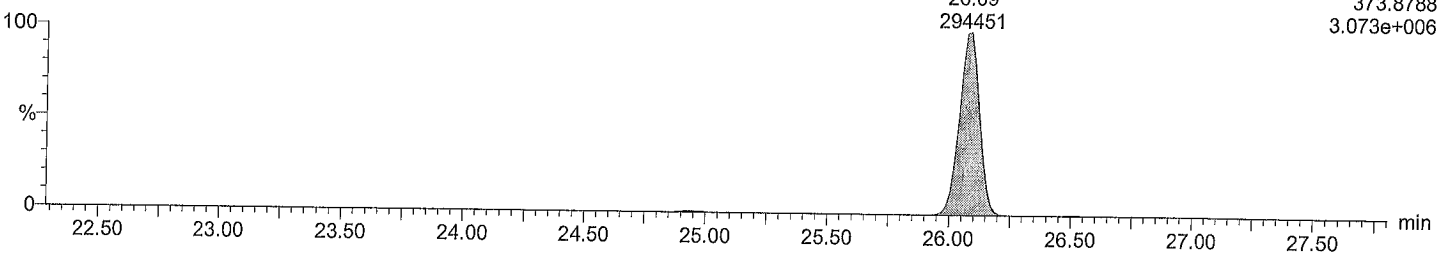
M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, T1



F5:Voltage SIR,EI+
371.8817
3.971e+006

Total HxCB labeled F5

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, T1



F5:Voltage SIR,EI+
373.8788
3.073e+006

Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

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Description: BLANK

Vial: 7

Date: 06-Dec-2016

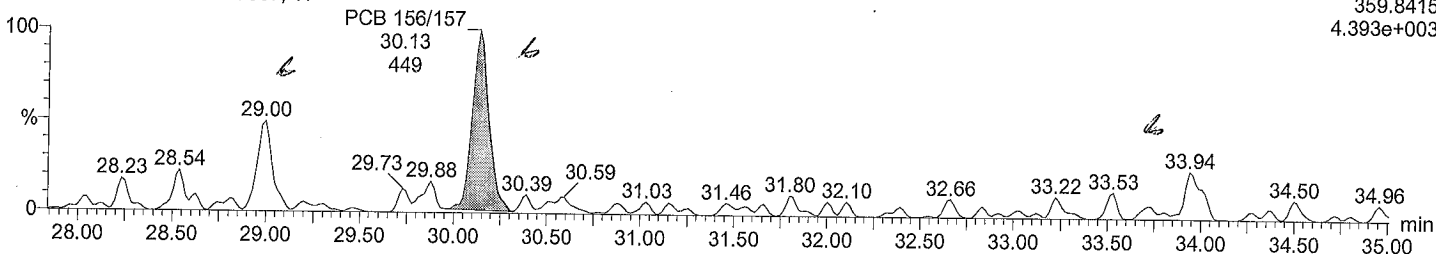
Time: 00:39:57

Instrument:

Total HxCB F6

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI

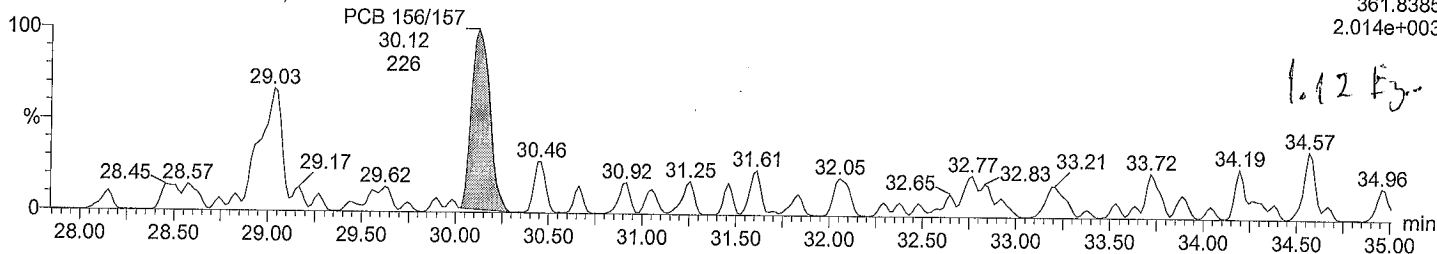
F6:Voltage SIR,EI+
359.8415
4.393e+003



Total HxCB F6

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI

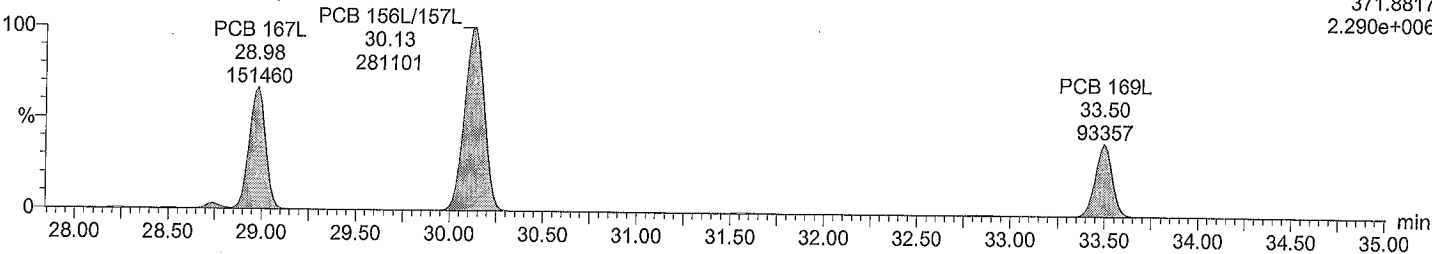
F6:Voltage SIR,EI+
361.8385
2.014e+003



Total HxCB labeled F6

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI

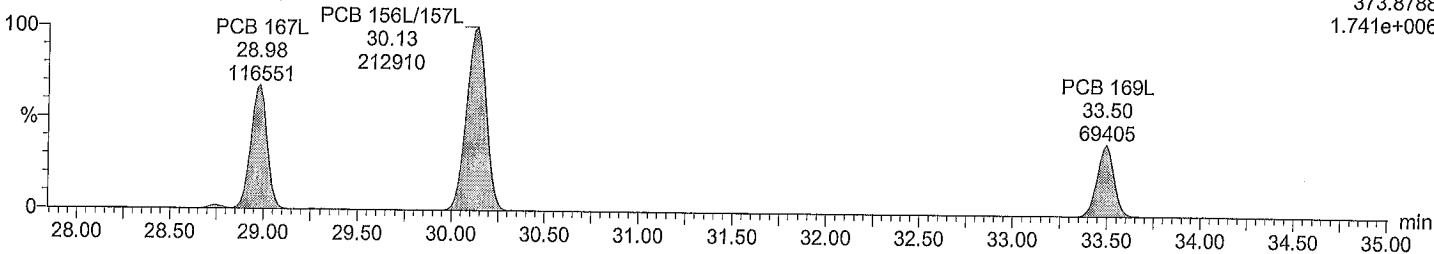
F6:Voltage SIR,EI+
371.8817
2.290e+006



Total HxCB labeled F6

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI

F6:Voltage SIR,EI+
373.8788
1.741e+006



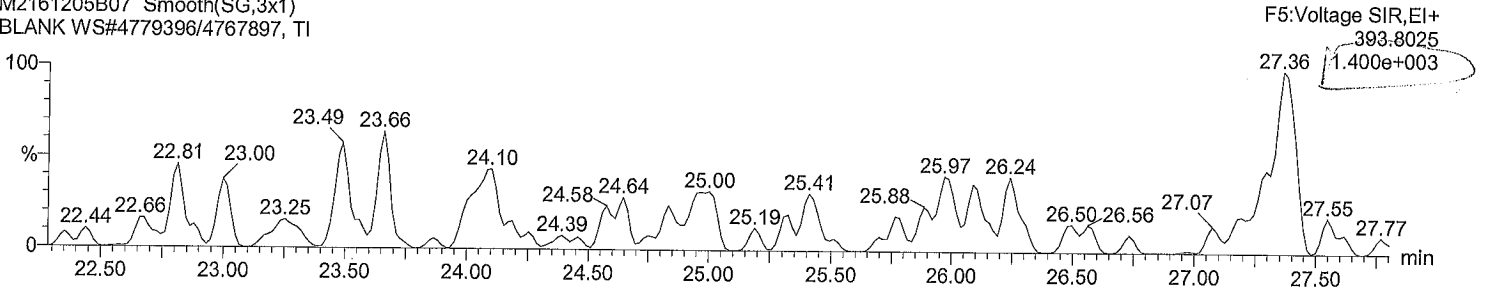
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Printed: Wednesday, December 07, 2016 10:16:22 AM

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Vial: 7
Date: 06-Dec-2016
Time: 00:39:57
Instrument:

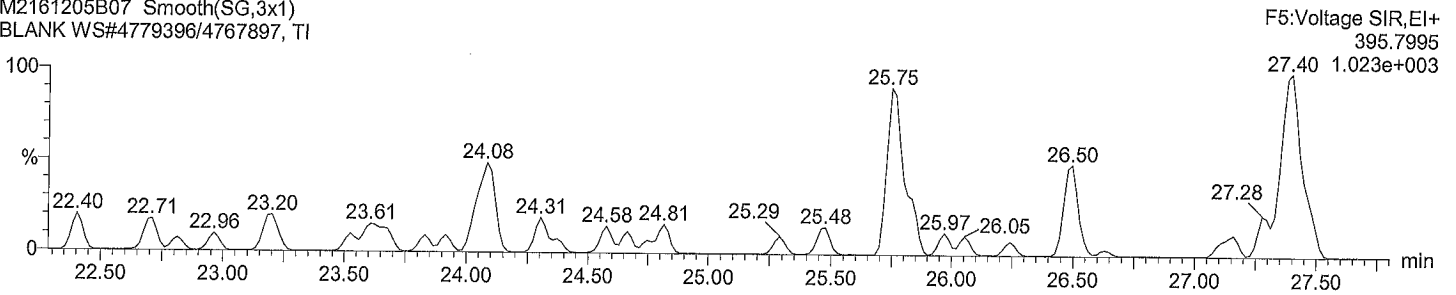
Total HpCB F5

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI



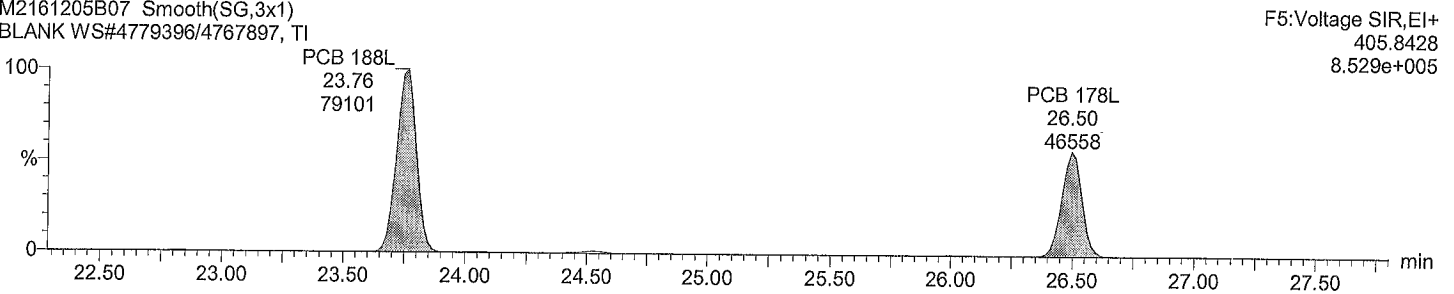
Total HpCB F5

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI



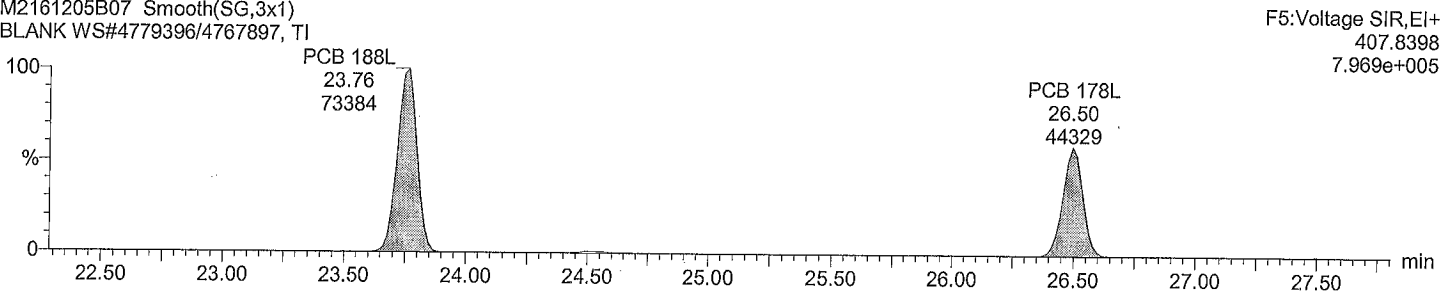
Total HpCB labeled F5

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI



Total HpCB labeled F5

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI



Acquired Date

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Printed: Wednesday, December 07, 2016 10:16:22 AM

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Vial: 7

Date: 06-Dec-2016

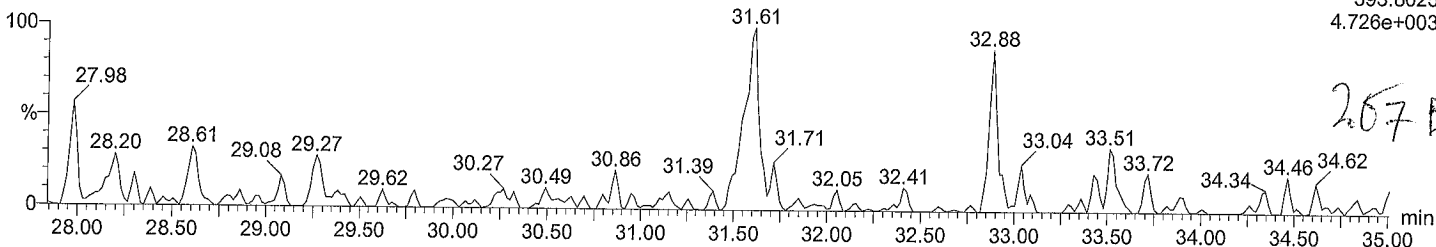
Time: 00:39:57

Instrument:

Total HpCB F6

M2161205B07 Smooth(SG,1x1)
BLANK WS#4779396/4767897, T1

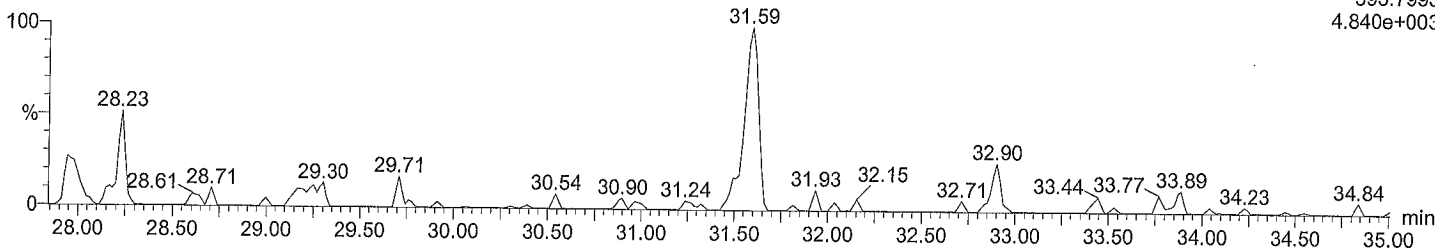
F6:Voltage SIR,EI+
393.8025
4.726e+003



Total HpCB F6

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BLANK WS#4779396/4767897, T1

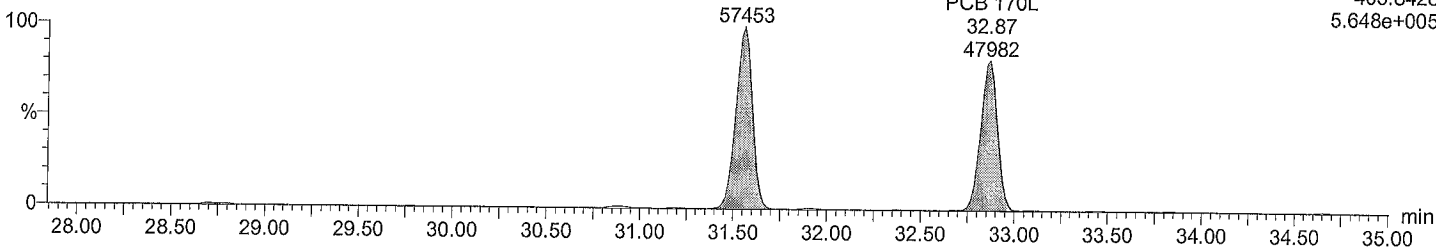
F6:Voltage SIR,EI+
395.7995
4.840e+003



Total HpCB labeled F6

M2161205B07 Smooth(SG,3x1)
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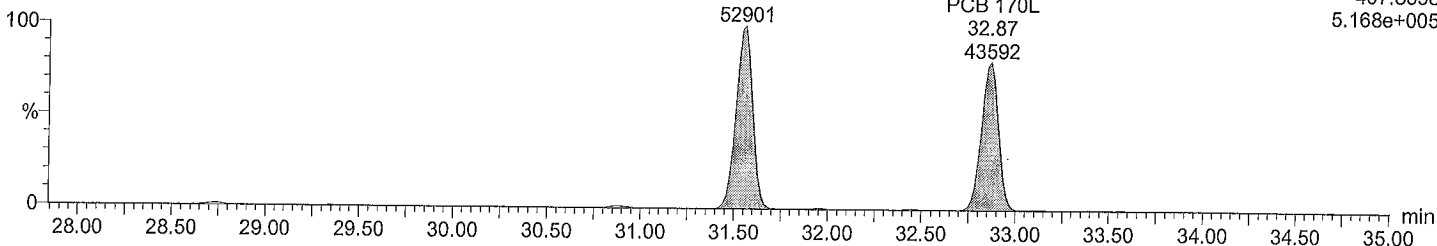
F6:Voltage SIR,EI+
405.8428
5.648e+005



Total HpCB labeled F6

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, T1

F6:Voltage SIR,EI+
407.8398
5.168e+005



Quantify Sample Report

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Printed: Wednesday, December 07, 2016 10:16:22 AM

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Vial: 7

Date: 06-Dec-2016

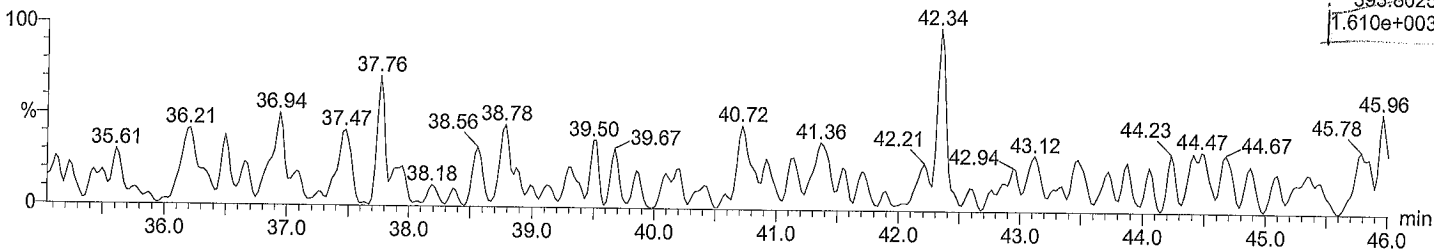
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Instrument:

Total HpCB F7

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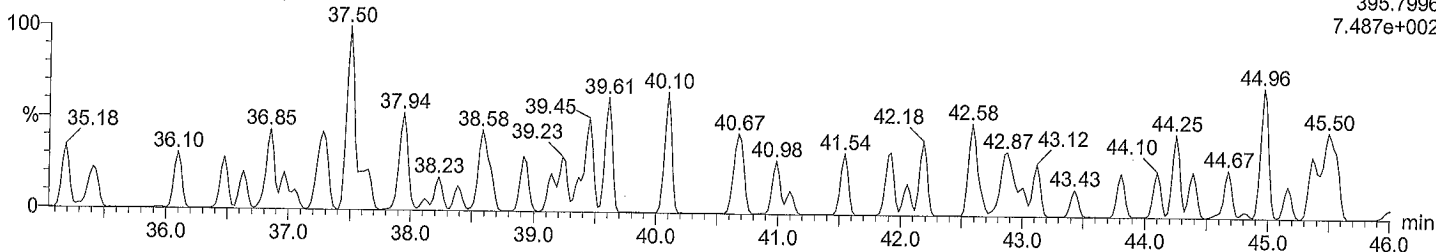
F7:Voltage SIR,EI+
393.8025
1.610e+003



Total HpCB F7

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BLANK WS#4779396/4767897, TI

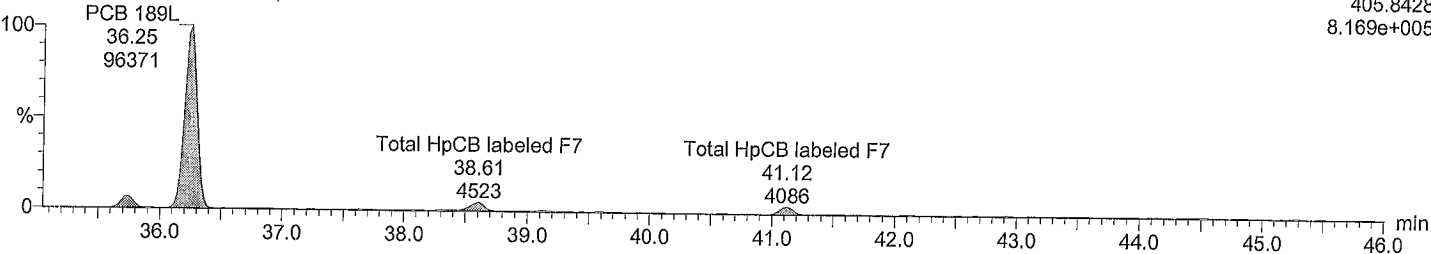
F7:Voltage SIR,EI+
395.7996
7.487e+002



Total HpCB labeled F7

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI

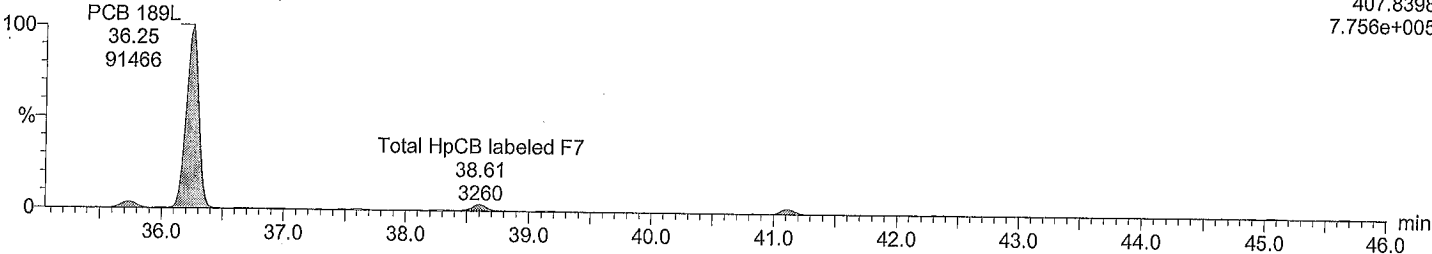
F7:Voltage SIR,EI+
405.8428
8.169e+005



Total HpCB labeled F7

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI

F7:Voltage SIR,EI+
407.8398
7.756e+005



Acquired Date

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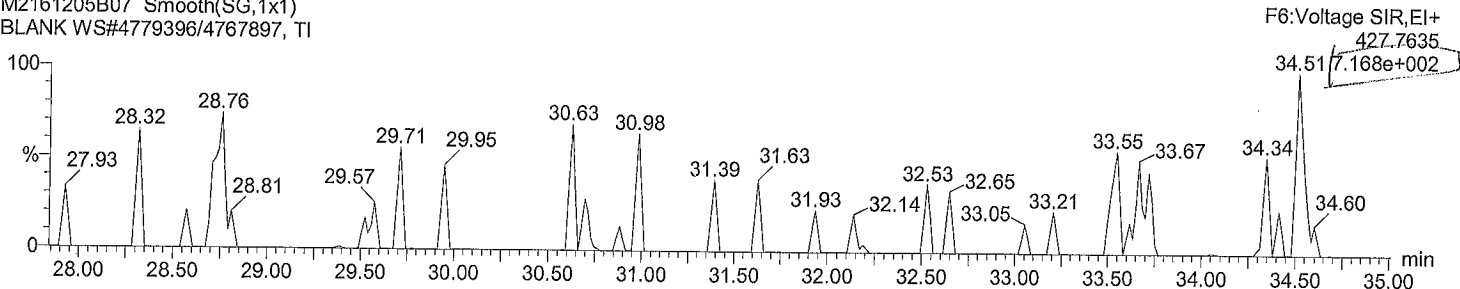
Date: 06-Dec-2016

Time: 00:39:57

Instrument:

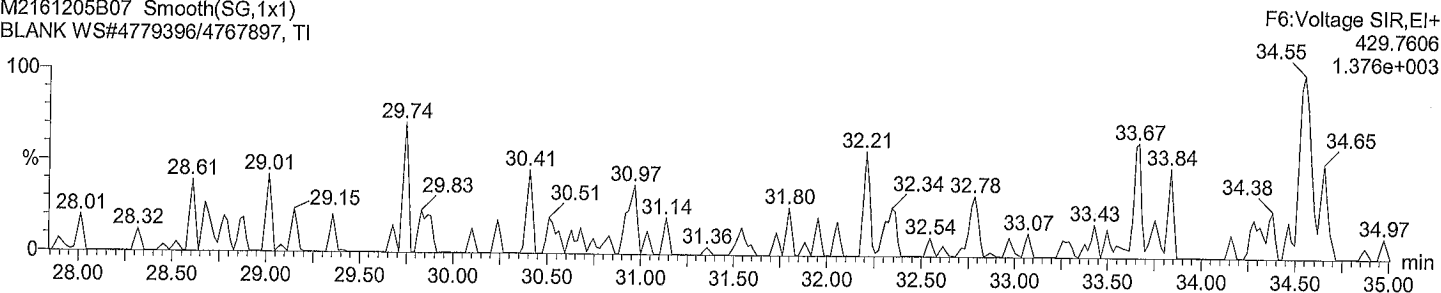
Total OcCB F6

M2161205B07 Smooth(SG,1x1)
BLANK WS#4779396/4767897, TI



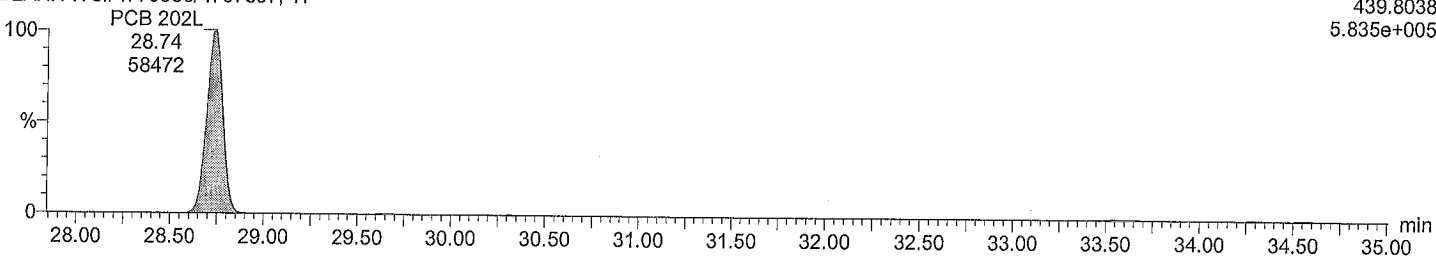
Total OcCB F6

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BLANK WS#4779396/4767897, TI



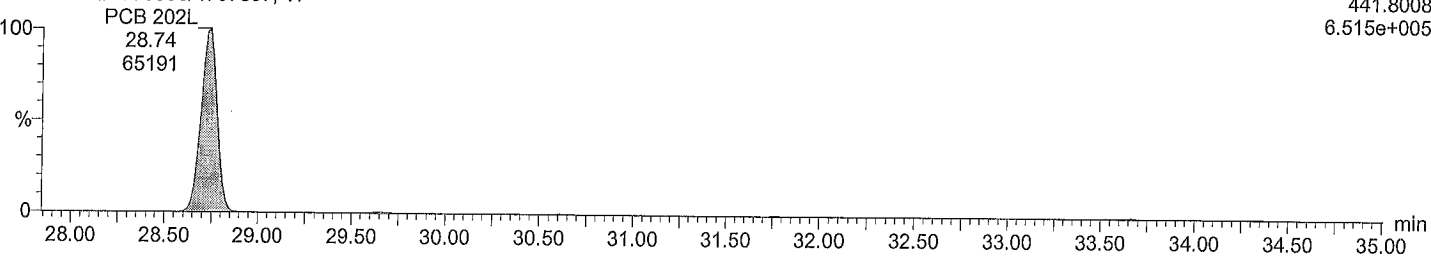
Total OcCB labeled F6

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI



Total OcCB labeled F6

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI



Acquired Date

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Vial: 7

Date: 06-Dec-2016

Time: 00:39:57

Instrument:

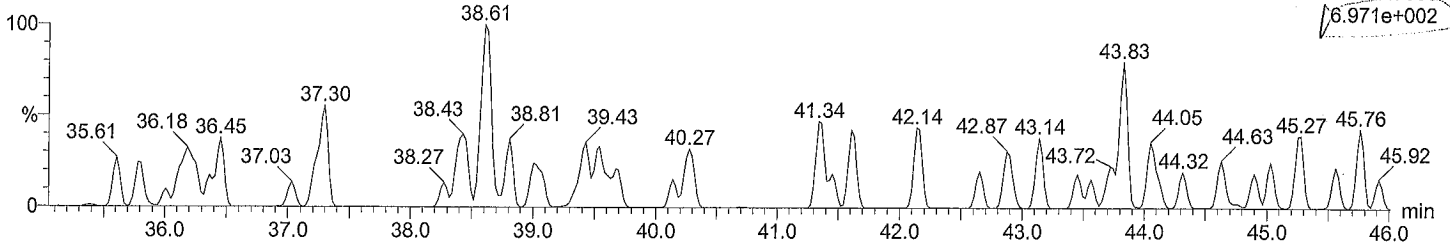
Total OcCB F7

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI

F7:Voltage SIR,EI+

427.7635

6.971e+002



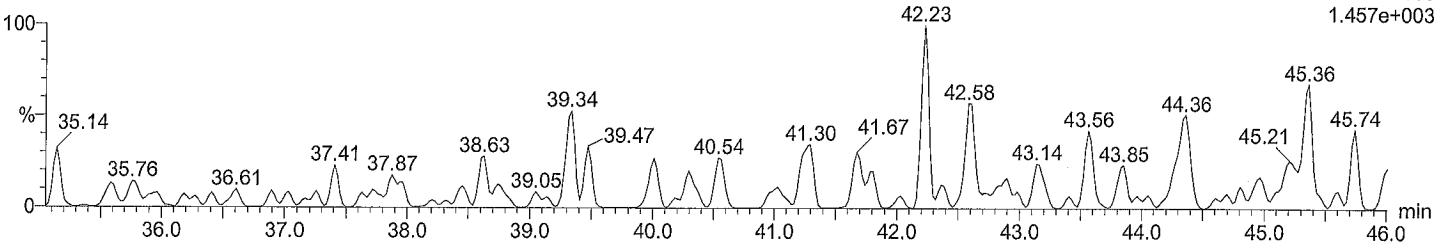
Total OcCB F7

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI

F7:Voltage SIR,EI+

429.7606

1.457e+003



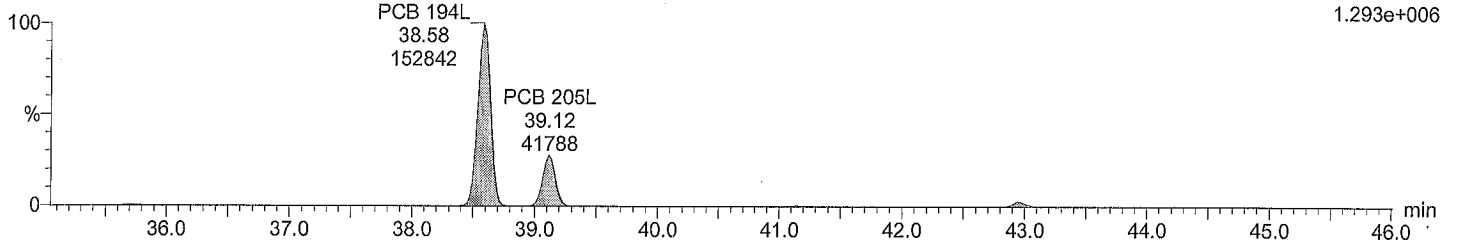
Total OcCB labeled F7

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI

F7:Voltage SIR,EI+

439.8038

1.293e+006



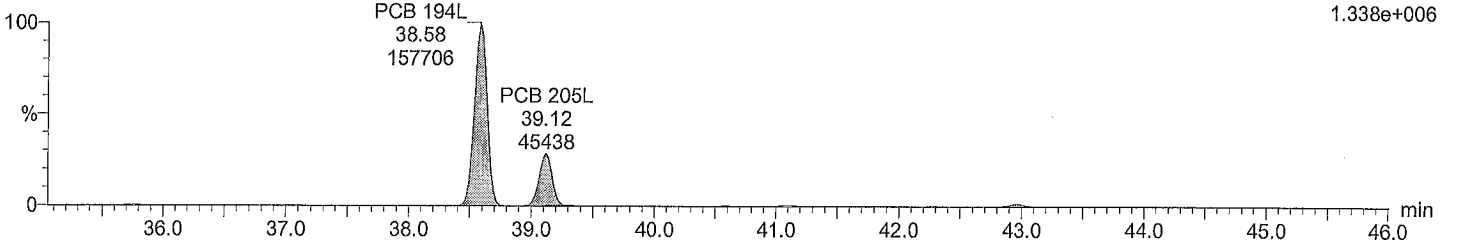
Total OcCB labeled F7

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI

F7:Voltage SIR,EI+

441.8008

1.338e+006



Acquired Date

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Vial: 7

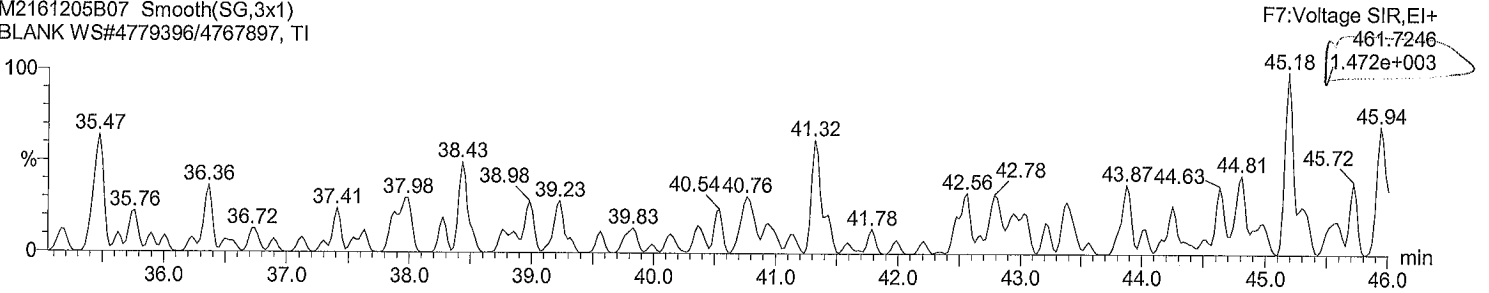
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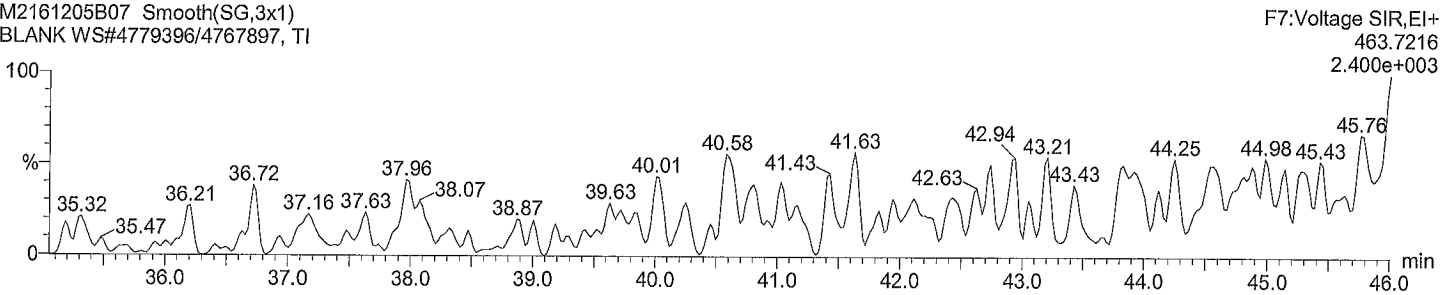
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BLANK WS#4779396/4767897, TI



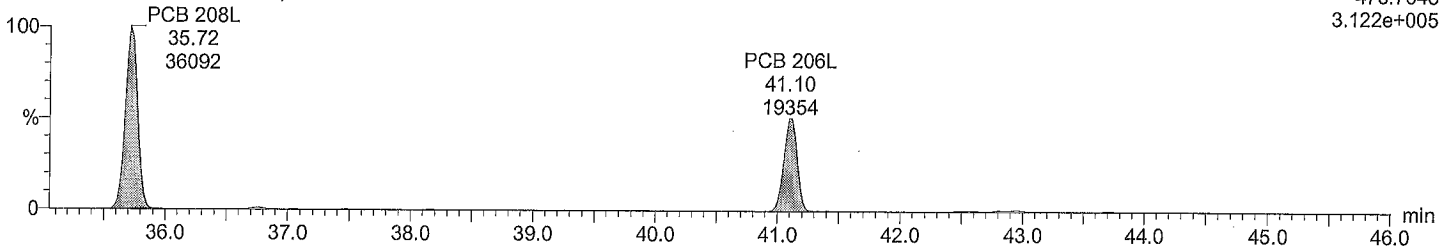
Total NoCB F7

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI



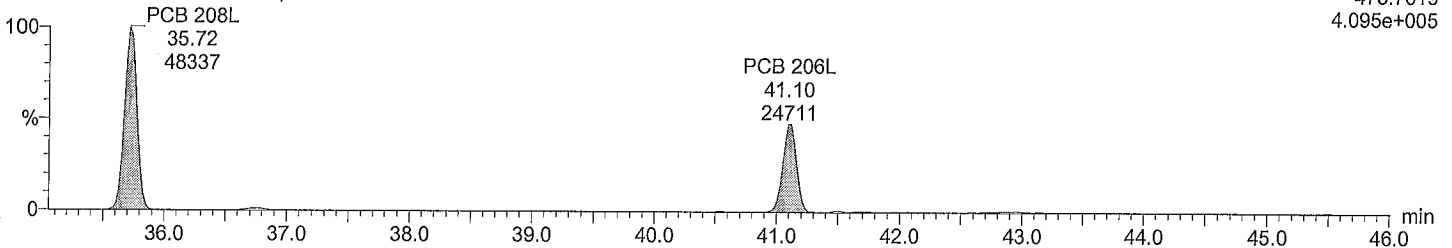
Total NoCB labeled F7

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI



Total NoCB labeled F7

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 10:14:43 AM

Printed: Wednesday, December 07, 2016 10:16:22 AM

Description: BLANK

Vial: 7

Date: 06-Dec-2016

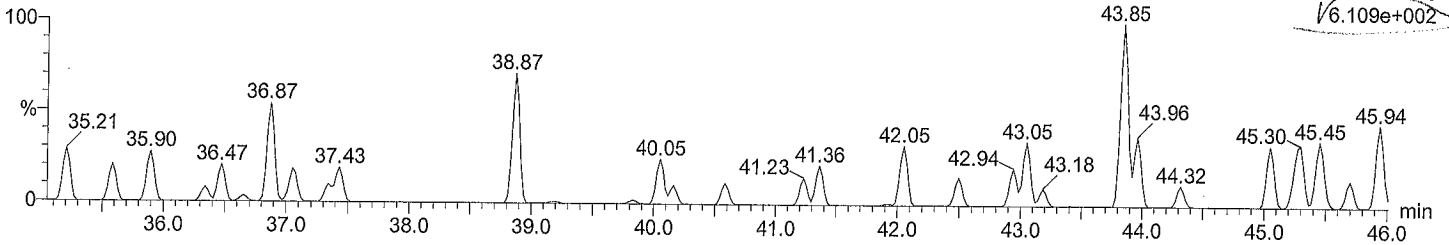
Time: 00:39:57

Instrument:

Total DeCB F7

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI

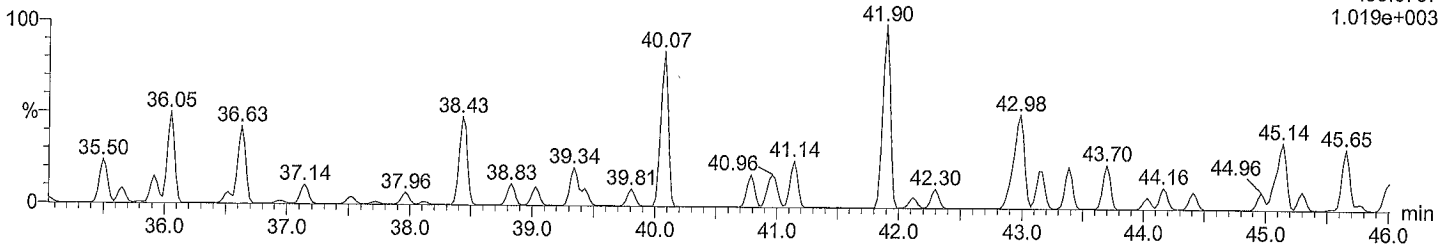
F7:Voltage SIR,EI+
497.6826
6.109e+002



Total DeCB F7

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI

F7:Voltage SIR,EI+
499.6797
1.019e+003

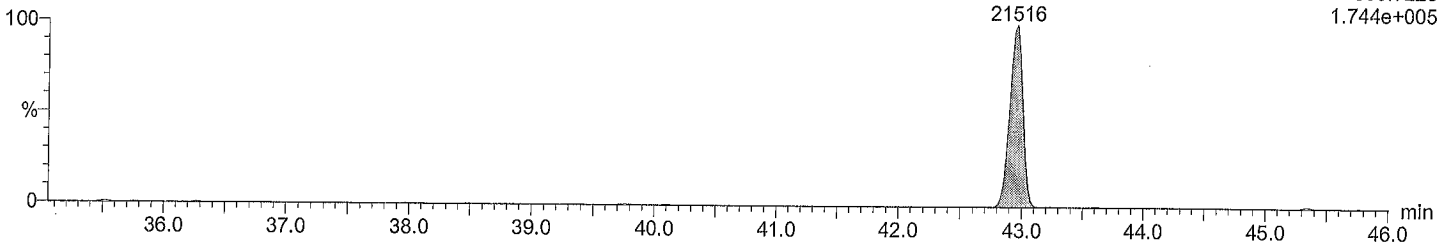


Total DeCB labeled F7

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI

PCB 209L
42.96
21516

F7:Voltage SIR,EI+
509.7229
1.744e+005

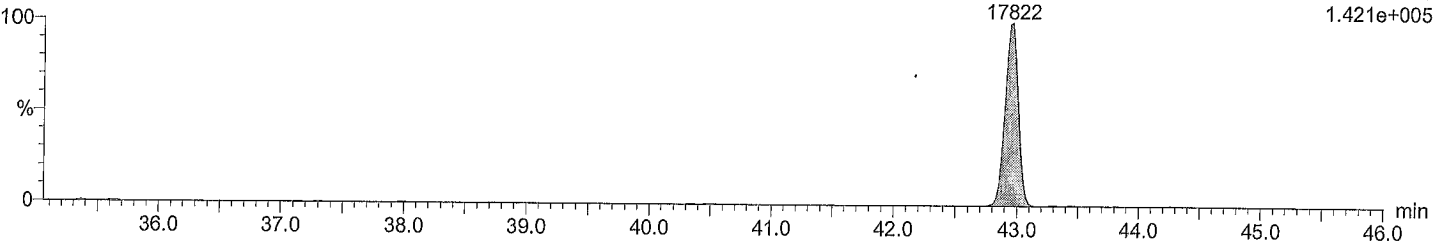


Total DeCB labeled F7

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI

PCB 209L
42.96
17822

F7:Voltage SIR,EI+
511.7199
1.421e+005



Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 10:14:43 AM

Printed: Wednesday, December 07, 2016 10:16:22 AM

Description: BLANK

Vial: 7

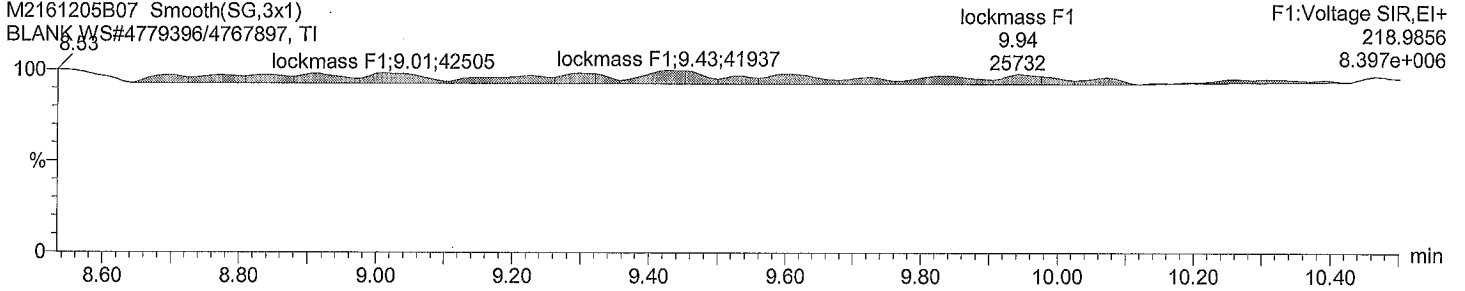
Date: 06-Dec-2016

Time: 00:39:57

Instrument:

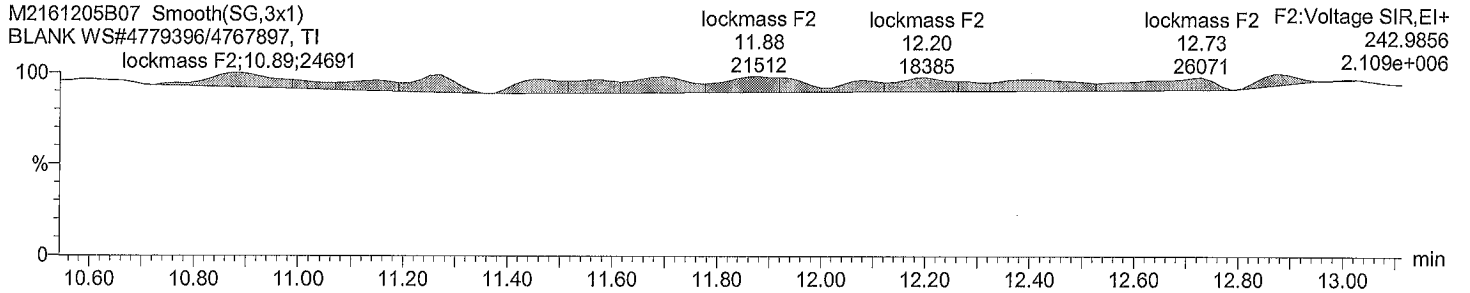
lockmass F1

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, T1



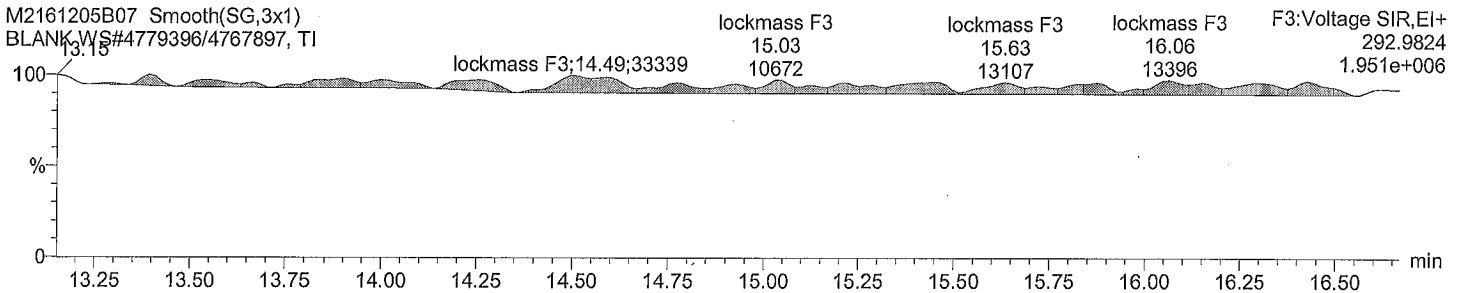
lockmass F2

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, T1



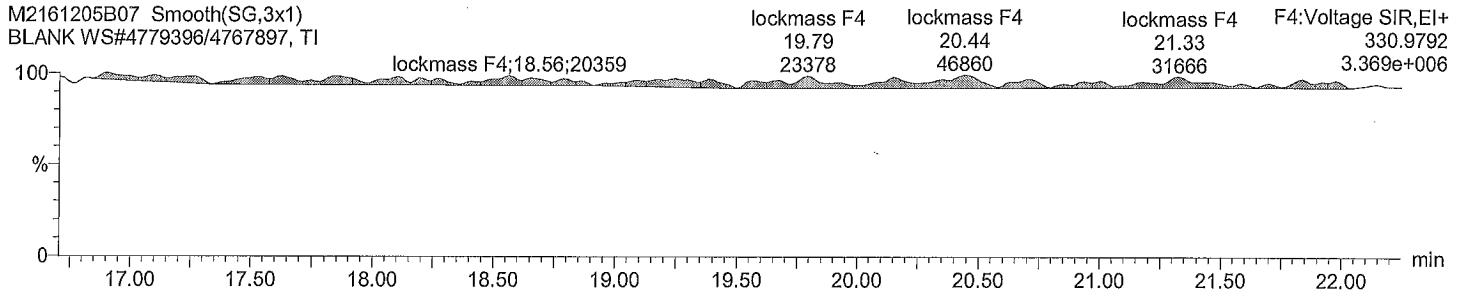
lockmass F3

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, T1



lockmass F4

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, T1



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 10:14:43 AM

Printed: Wednesday, December 07, 2016 10:16:22 AM

Description: BLANK

Vial: 7

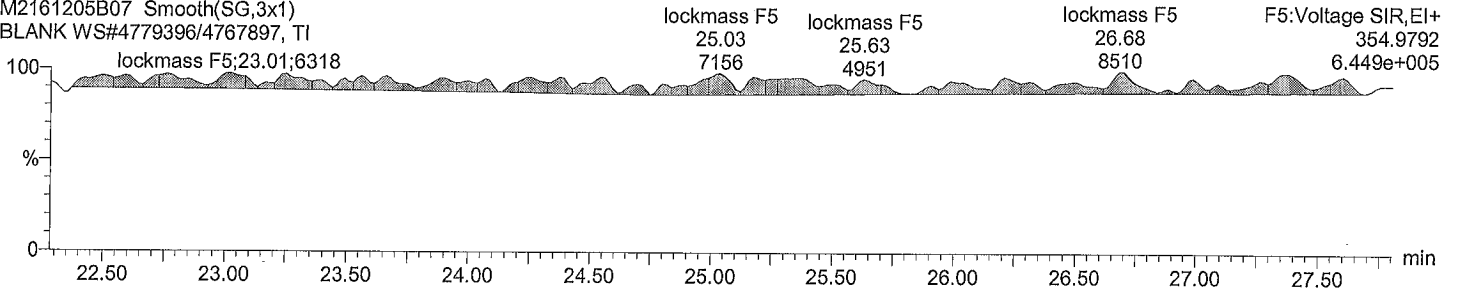
Date: 06-Dec-2016

Time: 00:39:57

Instrument:

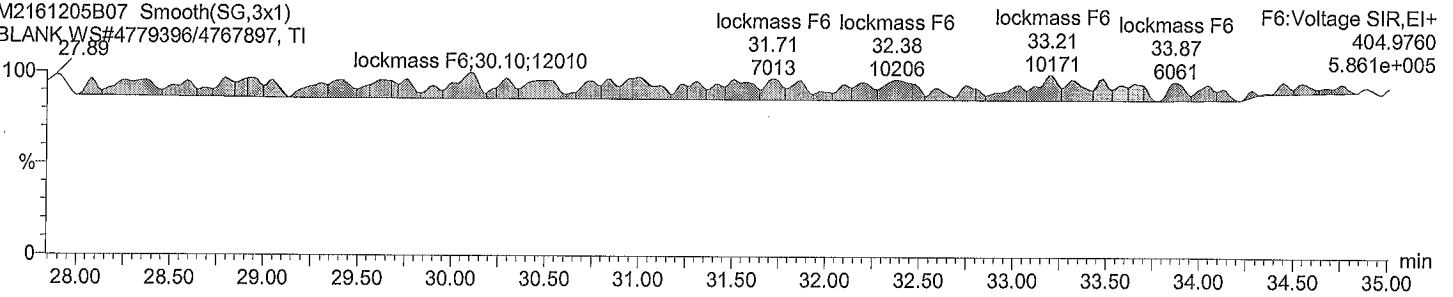
lockmass F5

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI



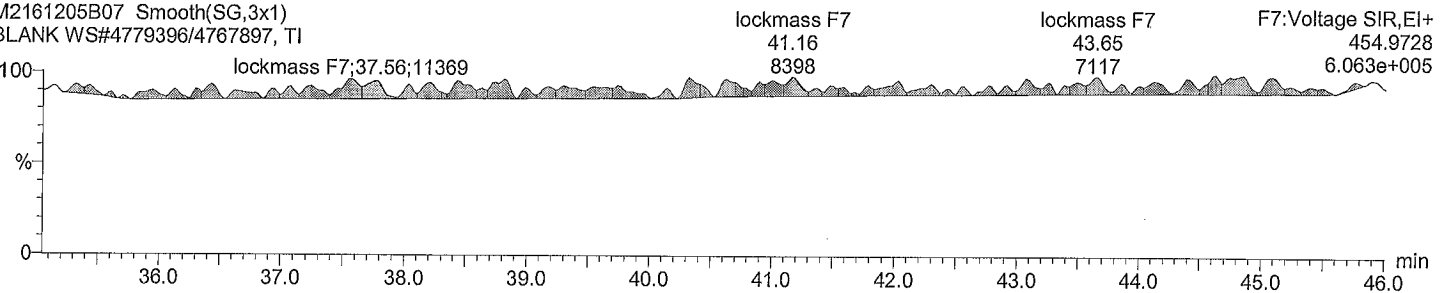
lockmass F6

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI



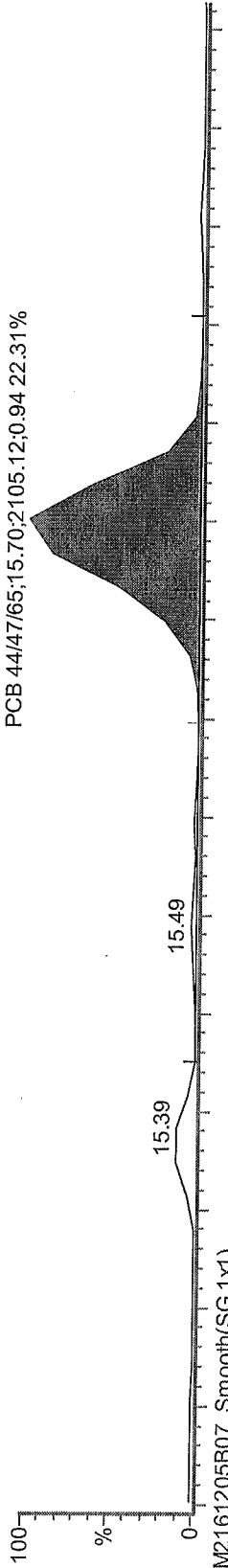
lockmass F7

M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI



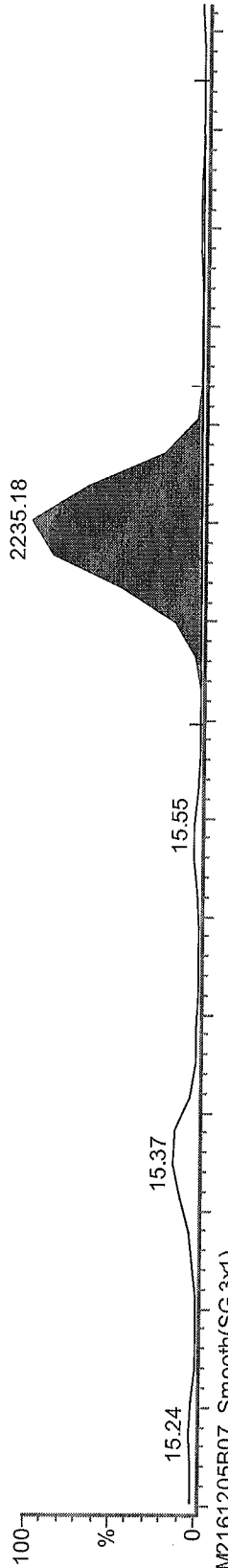
Before 1/5/12-07
AH

M2161205B07 Smooth(SG,1x1)
BLANK WS#4779396/4767897, TI



PCB 44/47/65;15.70;2105.12;0.94 22.31%

M2161205B07 Smooth(SG,1x1)
BLANK WS#4779396/4767897, TI

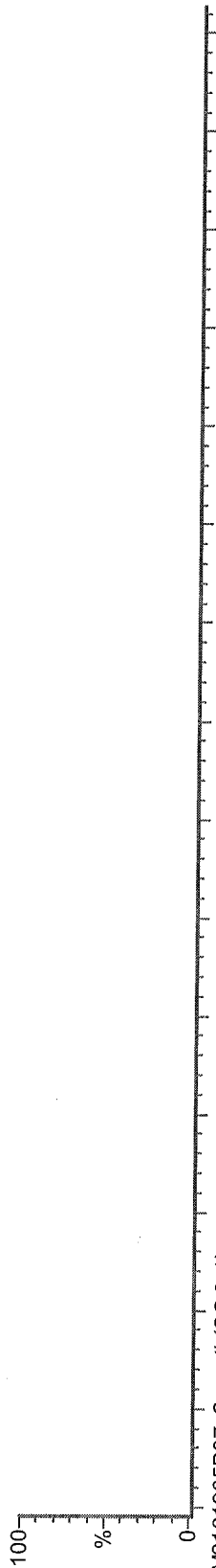


PCB 44/47/65

15.70

2235.18

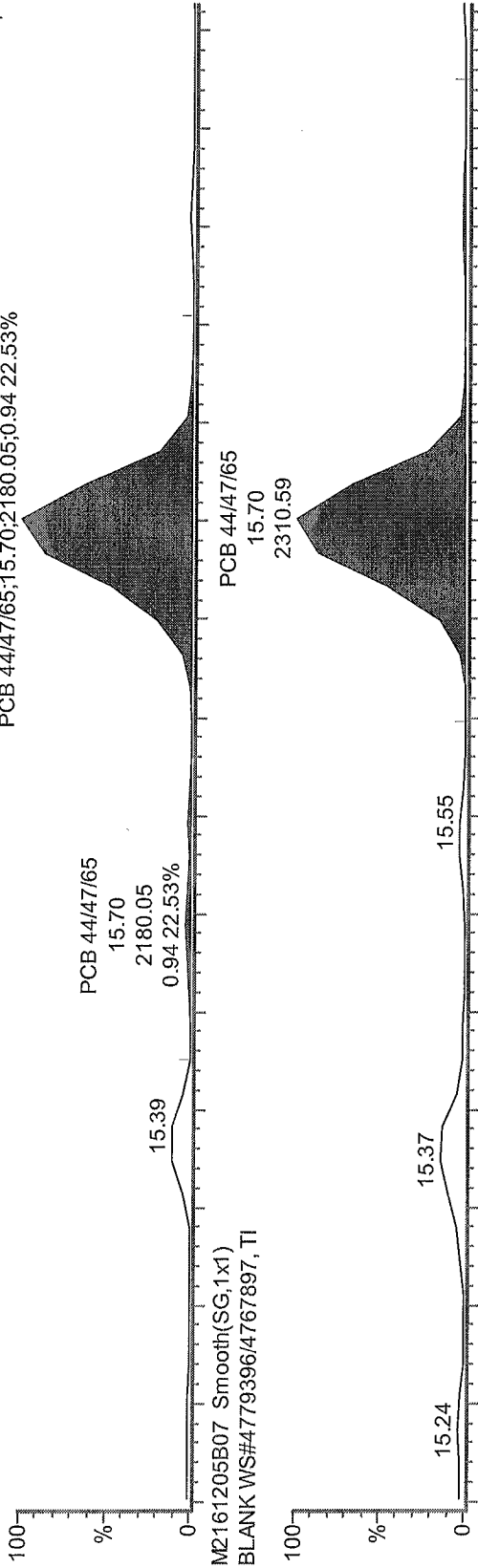
M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI



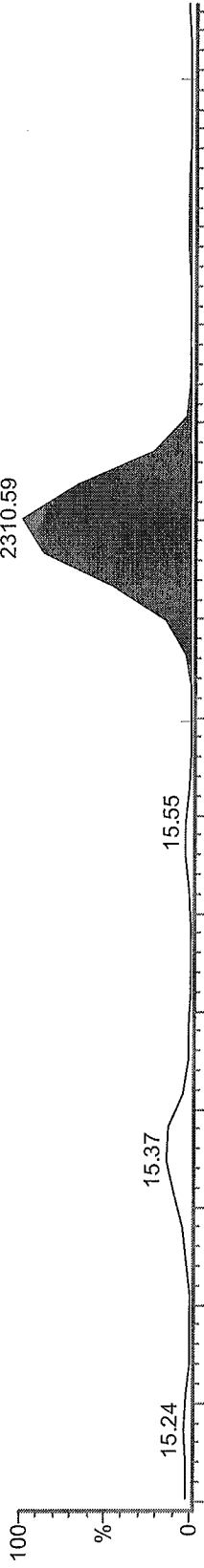
M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI

W 20161214

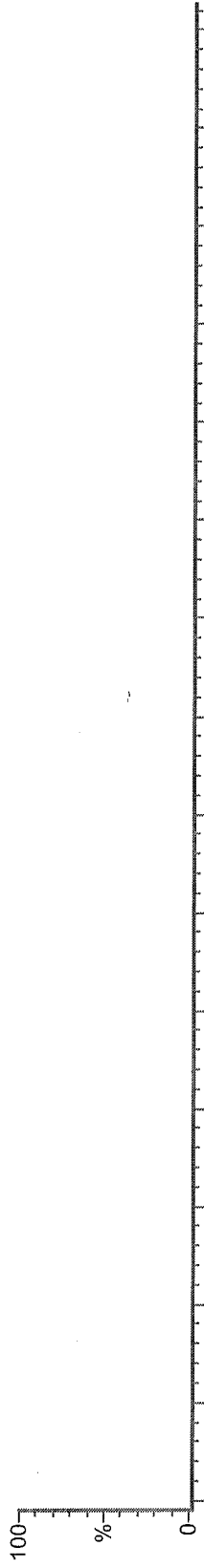
M2161205B07 Smooth(SG,1x1)
BLANK WS#4779396/4767897, TI



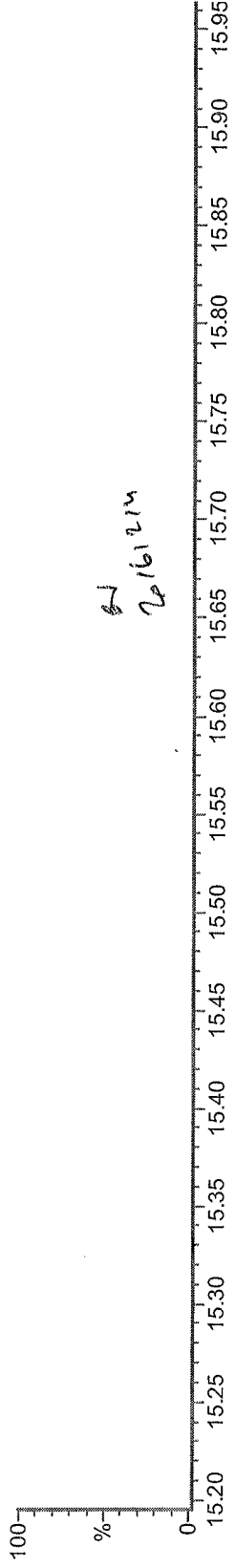
M2161205B07 Smooth(SG,1x1)
BLANK WS#4779396/4767897, TI

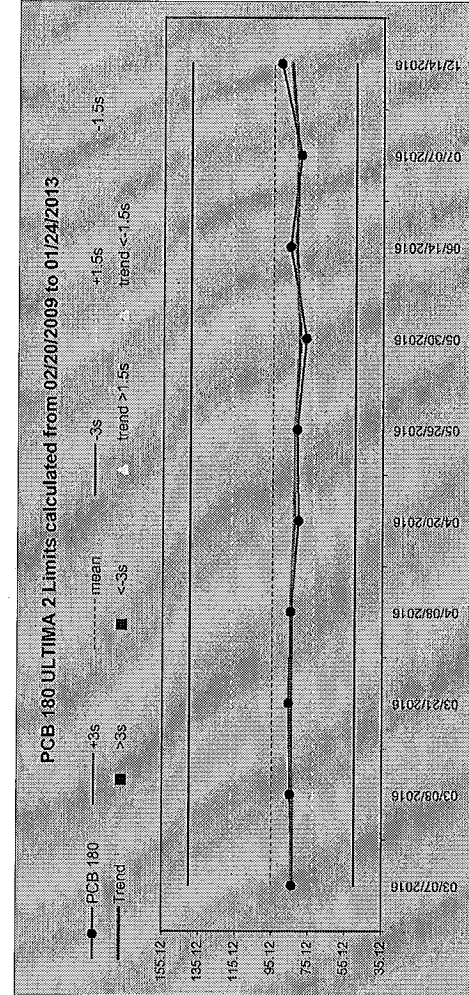
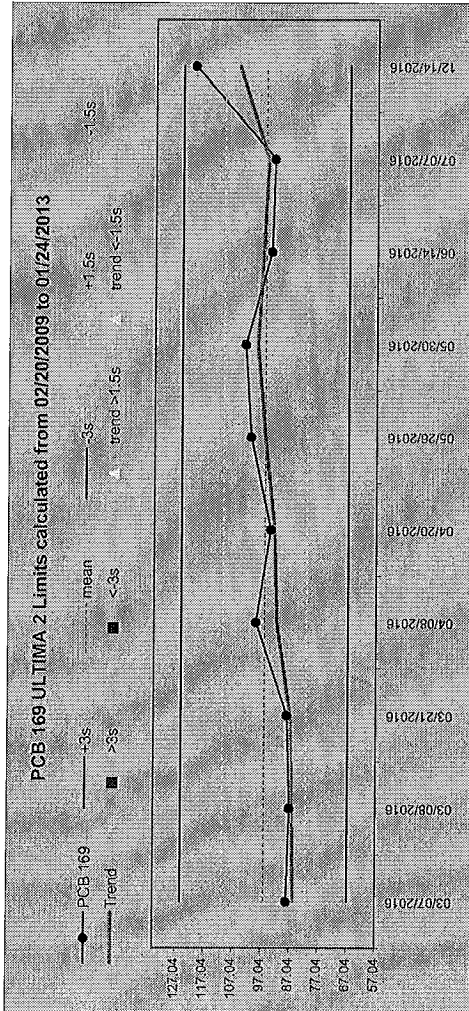
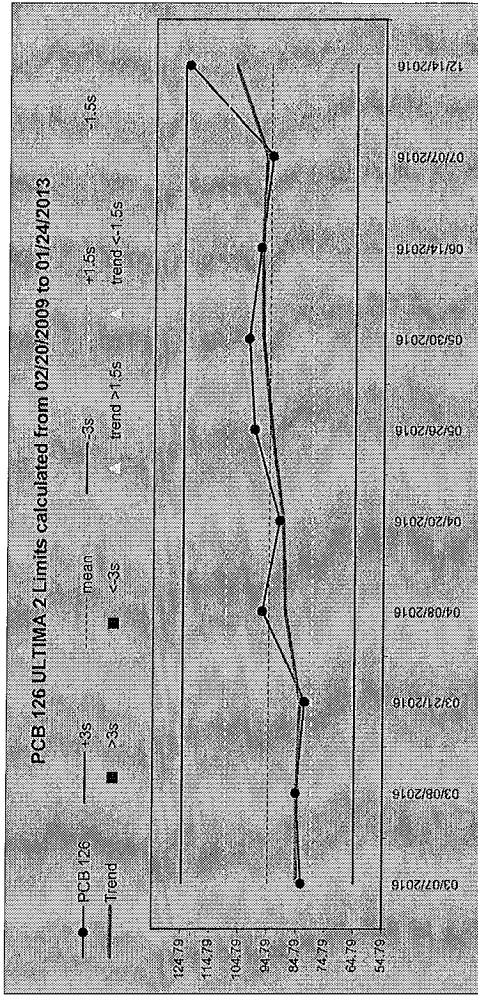
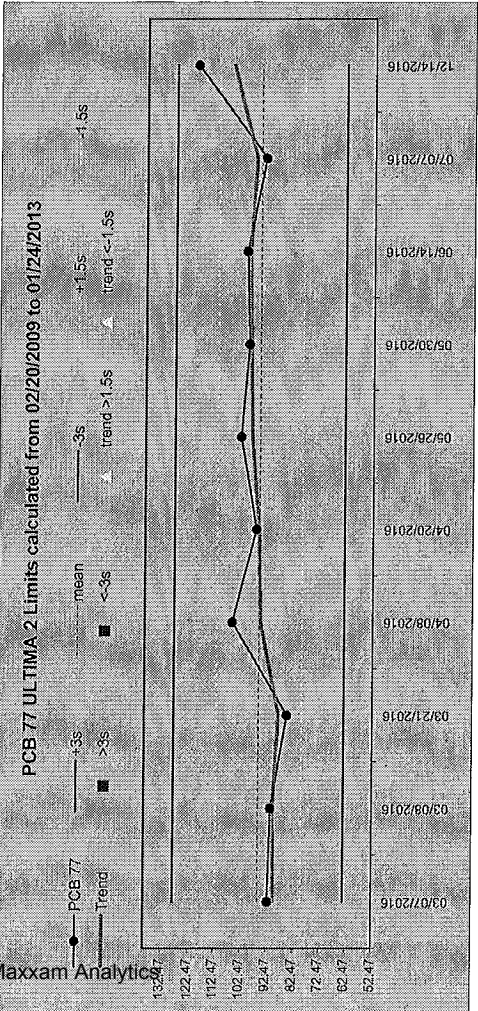


M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI

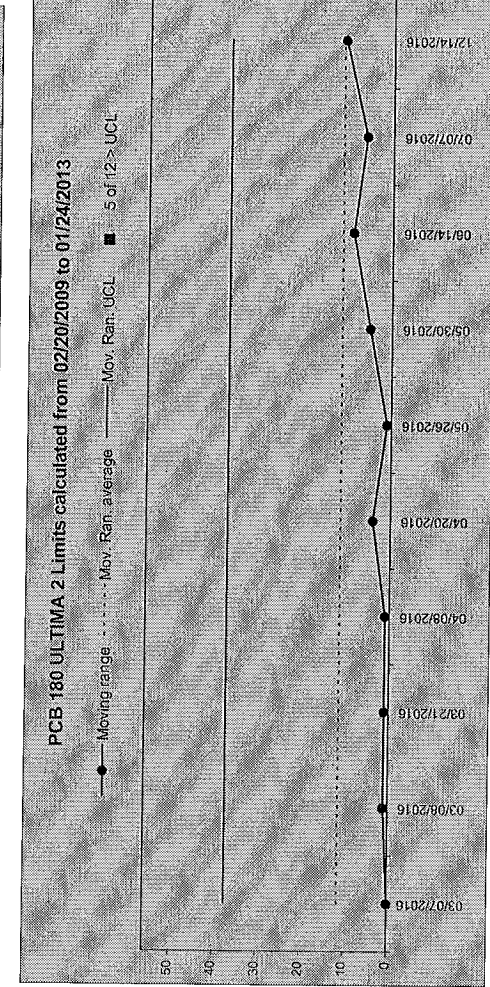
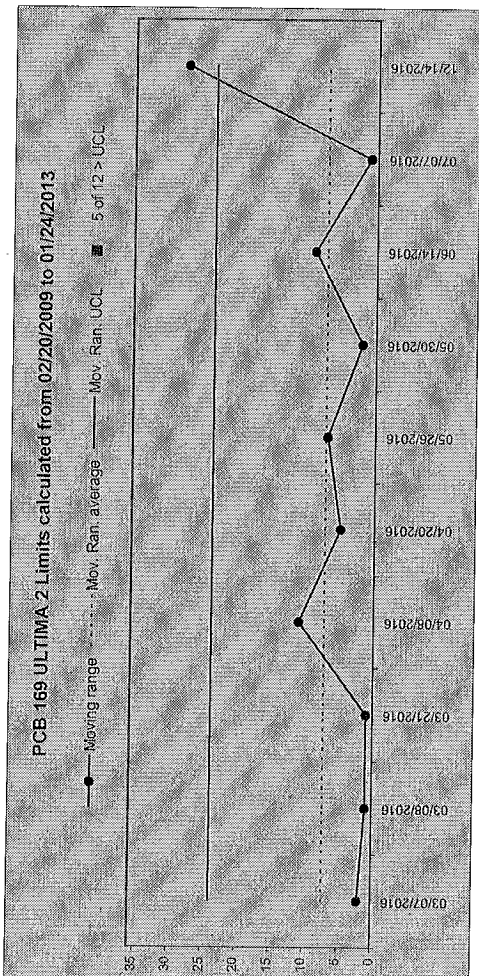
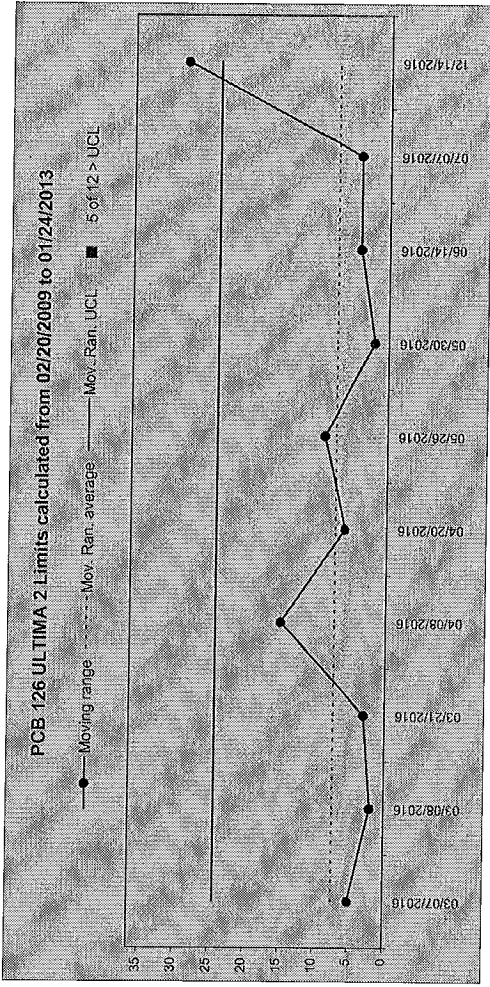
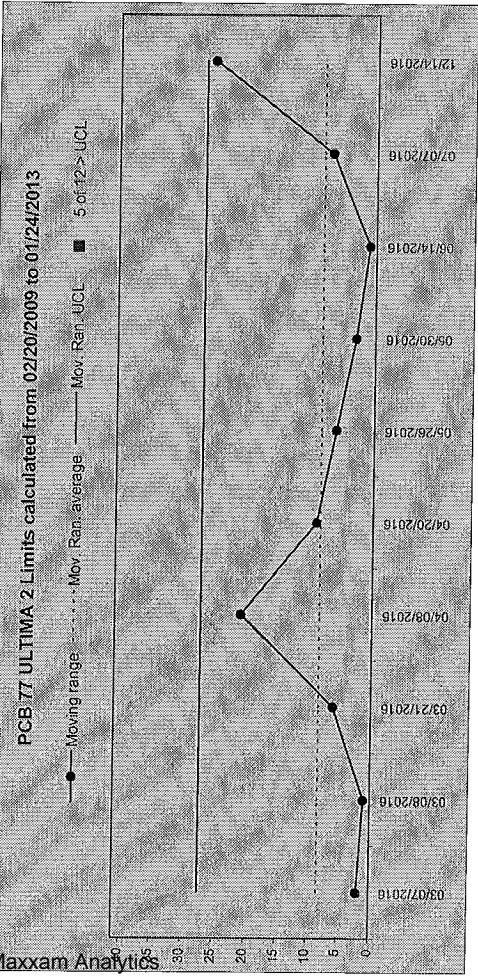


M2161205B07 Smooth(SG,3x1)
BLANK WS#4779396/4767897, TI





NS# 4779396
 2016/12/14



WS # 4779396
 01/20/2014

ULTZ
PCB

M2161206 A

| | File Name | File Text | Sample ID | Job | User Divisor 1 |
|---|-------------|----------------------|--|-----|----------------|
| 1 | M2161206A02 | CS3_PCB 150417CXU | --- | --- | 1.000000 |
| 2 | M2161206A03 | 209MIX_PCB 150822CXU | --- | --- | 1.000000 |
| 3 | M2161206A04 | solvent | solvent | --- | 1.000000 |
| 4 | M2161206A05 | DIS277-01R | Anchor, PG-REF-PJ-1,161011 16J0187, Ti | --- | 10.086600 |
| 5 | M2161206A06 | DIS278-01R ✓ | Anchor, 16J0187-05, Ti | --- | 10.259300 |
| 6 | M2161206A07 | DIS279-01R | Anchor, 16J0187-06A, Ti | --- | 10.292500 |
| 7 | M2161206A08 | CS3_PCB 150417CXU | --- | --- | 1.000000 |



Report Name : Worksheet - (Liquids and Solids)

Assignment Date : Monday, December 05, 2016

Assigned to : Cathy Xu

Test Code : PCBCONHR-T

Instrument Id: 220-GCHRMS2

Test Description : To determine PCB congeners in tissue - full list of congeners (must specify whether to calculate on Lipid content).

| Job Number | Sample Number | D | Sample ID | F | % Moisture | Wt or Vol | Final Vol | DF or AF | # Cont | Expiry Date | Test DeadLine | Criteria | Extract Date |
|------------|---------------|---|-------------------|---|------------|-----------|-----------|----------|--------|-------------|------------------|----------|--------------|
| | MTRX SPK | | MHRPD DIS272-01 | | | | | | | | | | 2016/12/28 |
| | SPIKE | 0 | MHRPD | | | | | | | | | | 2016/12/28 |
| | SPIKE | 1 | MHRPD | | | | | | | | | | 2016/12/28 |
| | BLANK | | | | | | | | | | | | 2016/12/28 |
| B6N4556 | *DIS272-01R | | PG-T0-MUS-COC-* | | | | | | 1 | 2017/08/16 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6N4556 | *DIS273-01R | | PG-T0-MUS-COC-* | | | | | | 1 | 2017/08/29 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6N4556 | *DIS274-01R | | PG-SMA-1-1-16101* | | | | | | 1 | 2017/10/11 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6N4556 | *DIS275-01R | 0 | PG-SMA-1-2-16101* | | | | | | 1 | 2017/10/11 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6N4556 | *DIS275-01R | 1 | PG-SMA-1-2-16101* | | | | | | 1 | 2017/10/11 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6N4556 | *DIS276-01R | | PG-SMA-1-3-16101* | | | | | | 1 | 2017/10/11 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6N4556 | *DIS277-01R | | PG-REF-PJ-1-1610* | | | | | | 1 | 2017/10/11 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6N4556 | DIS278-01R | | 16J0187-05 | | | | | | 1 | 2017/10/11 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6N4556 | DIS279-01R | | 16J0187-06A | | | | | | 1 | 2017/10/11 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6O0376 | *DJV041-01R | | 6102604-01 | | | | | | 1 | 2017/10/24 | 2016/11/24 18:00 | DOD | 2016/12/28 |
| B6O0376 | *DJV042-01R | | 6102604-02 | | | | | | 1 | 2017/10/24 | 2016/11/24 18:00 | DOD | 2016/12/28 |
| B6O0376 | *DJV043-01R | | 6102604-03 | | | | | | 1 | 2017/10/24 | 2016/11/24 18:00 | DOD | 2016/12/28 |
| B6O0382 | *DJV055-01R | | 6102701-01 | | | | | | 1 | 2017/10/24 | 2016/11/24 18:00 | DOD | 2016/12/28 |
| B6O0382 | *DJV056-01R | | 6102701-02 | | | | | | 1 | 2017/10/24 | 2016/11/24 18:00 | DOD | 2016/12/28 |
| B6O0382 | *DJV057-01R | | 6102701-03 | | | | | | 1 | 2017/10/24 | 2016/11/24 18:00 | DOD | 2016/12/28 |
| B6O0387 | *DJV090-01R | | 6102801-01 | | | | | | 1 | 2017/10/24 | 2016/11/23 23:00 | DOD | 2016/12/28 |
| B6O0387 | *DJV091-01R | | 6102801-02 | | | | | | 1 | 2017/10/24 | 2016/11/23 23:00 | DOD | 2016/12/28 |
| B6O0387 | *DJV092-01R | | 6102801-03 | | | | | | 1 | 2017/10/24 | 2016/11/23 23:00 | DOD | 2016/12/28 |
| B6P6472 | DMY805-01R | | PCB SMOKED ME* | | | | | | 1 | | 2016/12/23 17:00 | | 2016/12/28 |

Remarks: _____

Samples extracted by: Michael Hopkins

Instrumentation performed by: BRANKO VRZIC

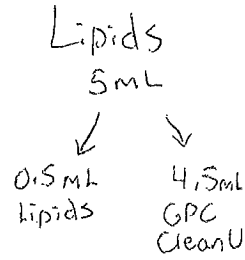
Date: 2016/12/06

Calculations performed by: Anjal Hussain

Date: 15.12.08

Maxxam Analytcs by: BRANKO VRZIC

Date: 2016/12/24



HRMS Sample Information Transfer

Analyst: Michael Hopkins

Date: 2016/11/28

WS # 4767897

Extraction Status: started @ 2:30 pm

Roto-Vap Status: Done for all of the samples 2016/11/29 MH

All samples have been filtered 2016/11/29 MH

Lipids done for all samples except Blank, Spike, Spike Dup, MS, DIS275 Dup ^{2016/11/29}

Cleanup Status: All samples are running on the ~~HPLC~~ GPC except DJV091, DJV092. need to add ^{2016/11/30 MH} to the sequence 2016/11/30 MH

^{2016/12/01} Run rest of 2-samples on GPC
- Samples BLK, SPK, SPK Dup, DMY805, MS(DIS272), DIS272, DIS273, Dup(DIS273), DIS274, DIS275, DIS276, DS not mixed w/ other GPC. Did ~~complete~~ column for them. Acid column cleanups

* Listed above ready for PCB column cleanups.

DJ 2-16/12/01
witness for
cleanup (2/2/2)

^{2016/12/03 MH} Clean Up Spike added to the remaining samples 2016/12/03 MH; ~~CFB~~ 2016/12/03.

Acid columns done for the remaining samples 2016/12/03 MH

^{2016/12/04} PCB column cleanups done for all 29-samples. (Prepared copper & added before).
- Need to blow-down & neck-vial.

Reacti-Vial: completed

Completion Date: 2016/12/05 JMH

| Job No. | Rep | Client Name | Contact | Client Tier | National |
|----------|-----|--|----------------------|-------------|----------|
| GB6N4556 | | MDG Anchor QEA, LLC | Anchor QEA Reporting | | |
| | | PCB CONHR-TI ***Please extract SRM and Spike Dup*** Level IV Package with CLP Anchor EQUS EDD required Project # : PORT GAMBLE (USE MDL) | | | |
| | | | | | |
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MK 2016/11/28

| Surrogates/Spikes | GPC Flasks | Method Spike | Spikes | Samples |
|--|---------------|---------------------|--------|---------|
| Blank: GP152 | DIS276: GP143 | DJV057: GP129 | | |
| ^{2016/11/30 AM} Spike: GP125 C89 | DIS277: GP163 | DJV090: GP59, GP157 | | |
| Spike Dup: GP91 | DIS278: GP121 | DJV091: GP45 | | |
| MS: GP150 | DIS279: GP164 | DJV092: GP147 | | |
| DIS272: GP155 | DJV041: GP39 | DMY805: GP52, GP122 | | |
| DIS273: GP127 | DJV042: GP80 | | | |
| DIS274: GP154 | DJV043: GP18 | | | |
| DIS275: GP119 | DJV055: GP89 | | | |
| Dup(DIS275): GP77 | DJV056: GP134 | | | |

| Sample | Preparation Remarks |
|--------|---------------------|
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| Sample | Instrumentation Remarks |
|--------|--|
| spike | LOW OF PCB RS #16062800V, 1 ng/w BY 20161205 |
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| Ultra Trace - Worksheet Validation Checklist | | | | | |
|---|---|--------------------------------|------------------|----|-----|
| Prep Worksheet # 4767897 | | Instrument Worksheet # 4772320 | | | |
| Testcode: PREPPCB-T1 | | Testcode: PCB CON HR-T | | | |
| Sample Preparation | | | yes | no | n/a |
| 1 | Samples extracted within hold time | | ✓ | | |
| 2 | Client sample ID verified against Lab ID | | | | ✓ |
| 3 | Job Remarks reviewed on 2nd page of worksheet & testcodes reviewed for spiking | | ✓ | | |
| 4 | Method required QC processed with samples | | ✓ | | |
| 5 | Sample, duplicate, matrix spike appear similar, initial sample as well as final extract | | | | |
| 6 | Sample weight or initial volume and extract final volume, aliquot factor clearly recorded | | ✓ | | |
| 7 | If performed any additional dilution clearly recorded | | | | |
| 8 | Spiking solutions valid (haven't expired), ID and volume used clearly identified on worksheet | | ✓ | | |
| 9 | Spiking process witnessed and signed off | | ✓ | | |
| 10 | Sample prep deviations documented on Bench Level Deviation Form (CAM FCD-00328) | | | | |
| 11 | tracking sheets completed | | | | |
| Prepared by: MH | | | Date: 2016/11/28 | | |
| Comments: | | | Reviewed by: | | |
| Primary review by the analyst - 100 % analysis review | | | yes | no | n/a |
| 1 | System performance check acceptable (if applicable) | | ✓ | | |
| 2 | Analysis set-up meets method criteria | | ✓ | | |
| 3 | Tuning and correct calibration used - criteria meets method criteria | | ✓ | | |
| 4 | SQC/Control Charts updated, analysis in statistical/method control | | | | ✓ |
| 5 | Internal area counts checked (if applicable) | | | | ✓ |
| 6 | LCS, SRM are within acceptance criteria | | | | ✓ |
| 7 | Surrogate Recovery(s) is within acceptance criteria | | ✓ | | |
| 8 | Method Blank meets acceptance criteria | | | | ✓ |
| 9 | Matrix Spike recovery(s) meets acceptance criteria | | | | ✓ |
| 10 | Duplicate precision meets acceptance criteria | | | | ✓ |
| 11 | QC is documented on the run logs | | ✓ | | |
| 12 | Runs checked for carryover | | ✓ | | |
| 13 | Prep log / worksheet(s) are present, signed / dated by a prep / instrument analysts | | ✓ | | |
| 14 | Initial weights, splits, impinger volumes (where applicable) are documented | | ✓ | | |
| 15 | Samples above calibration range diluted and reanalyzed | | | | ✓ |
| 16 | Dilution factors (where justified) have been checked for correctness and entered | | ✓ | | |
| 17 | Analytical observations/anomalies documented in LIMS | | ✓ | | |
| 18 | If corrective actions were applied they are documented, initialed & dated | | | | ✓ |
| 19 | Transferred data is approved in LIMS for correctness | | ✓ | | |
| 20 | Sample Prep section (above) reviewed and verified | | ✓ | | |
| 21 | Data package assembled (where required) | | | | ✓ |
| Data Approved by: Amjad Hussain | | | Date: 12-12-08 | | |
| Comments: | | | | | |
| Secondary Supervisor/Qualified Data Review Staff | | | yes | no | n/a |
| 1 | Repeats documented and referenced | | ✓ | | |
| 2 | Method and sample deviations noted, anomalies described (if applicable) | | ✓ | | |
| 3 | Data and QC validated in LIMS | | ✓ | | |
| 4 | Manual integration - before & after data with a reason included, initialed & dated | | ✓ | | |
| 5 | Random calculation checked | | ✓ | | |
| 6 | Worksheet(s) and sample prep sheets (FCDs) signed and dated | | ✓ | | |
| 7 | Data Package (if required) checked for completeness | | ✓ | | |
| Validated & Status Checked by: BRANKO VRZIC | | | Date: 2016/12/14 | | |
| Comments: | | | | | |

Note: Primary and Secondary Internal Data Review Check must be performed by a different person

HR Soil/Tissue/Food Tracking Sheet

| | | | |
|--------------------|-------------------|--------------------|-----------------|
| Soxhlet Burner On | Date & Time | Extracted by:- | WS# |
| 2016/11/28 2:30pm | MH | MH | 4767897 |
| Soxhlet Burner Off | 2016/11/29 6:30am | Cleaned up by:- | |
| GPC'd By | MH | | |
| GPC Date | 2016/11/30 | ID of Balance Used | Secura 324-15 |
| GPC ID # | GPC 2 | Rotovape ID | 7,3,4,1,6 + 3,6 |
| FMS Used by:- | | | |

*Note: If samples are cleaned up by FMS then attach the FMS FCD.

| Solvent/Absorbent | Lot#/Lab ID | Solvent/Absorbent | Lot#/Lab ID | N2-Evap ID |
|--|-------------|-------------------------|-------------|------------|
| 44% Acid Silica | | 50% Toluene: Ethyl Acet | | |
| 33% KOH Silica | | 50% DCM: Hexane | | |
| 10% AgNO3 | | Carbon/Celite | | |
| Surrogate/Spike solutions | | Prep. Date/Code | | |
| EPA Mid 23 Internal Std Soln | | | | |
| EPA Mid 23 Matrix Spiking Soln | | | | |
| EPA Mid 1613 Internal Std. Soln | | | | |
| EPA Mid 1613 Matrix Spiking Soln | | | | |
| EPA Mid 1613 Alt. Spike (Clean-up) | | | | |
| EPA Region IV (8290) Internal Std Soln | | | | |
| EPA Region IV (8290) Mat. Spiking Soln | | | | |

| Solvent/ Absorbent | Lot#/Lab ID | Concentration | Prep. Date/Code | N2-Evap ID | Mx. Spk. | Samples |
|----------------------------------|-------------|---------------|-----------------|------------|----------|---------|
| 1% Deati. Alumina | | 5-10 ng/ul | | | | |
| Surrogate/Spike solutions | | | | | | |
| CARB 429 Internal Std Soln (PAH) | | 5ng/ul | | | | |
| CARB 429 Matrix Spiking Soln | | | | | | |

| Solvent/ Absorbent | Lot#/Lab ID | Solvent/ Absorbent | Lot#/Lab ID | N2-Evap ID | Mx. Spk. | Samples |
|-----------------------------------|----------------|-----------------------|--------------------|------------|----------|---------|
| 44% Acid Silica | 2016/11/22 #13 | 3% Deactivated Silica | 2016/11/28 #2 | | | |
| Copper | 60757 | Nonane | SHB16333V | | | |
| 3% Deactivated Florisil | 2016/11/28 #2 | | | | | |
| Surrogate/Spike solutions | | Concentration | | | | |
| HR PCB Internal Std Soln | 1411A-MS-10 | 0.4ng/ul | 150409 CXU03 | | | |
| HR PCB Matrix Spiking Soln | 13-HAMS-03 | 0.1ng/ul | 150414 CXU 1/2 | | | |
| HR PCB Alternate (Clean-up) Spike | 14HRMS-13 | 0.4ng/ul | 201504110 CXU Q12V | | | |

| Solvent/ Absorbent | Lot#/Lab ID | Solvent/ Absorbent | Lot#/Lab ID | N2-Evap ID | Mx. Spk. | Samples |
|---------------------------|-------------|---------------------------------|-------------|------------|----------|---------|
| Petroleum Ether | | 1% Deactivated Florisil | | | | |
| Ethyl Acetate | | 20% Ethyl Acet: Petroleum Ether | | | | |
| Surrogate/Spike solutions | | Concentration | | | | |
| HR OC Internal Std Soln | | 4ng/ul | | | | |
| HR OC Matrix Spiking Soln | | 5ng/ul | | | | |

COMMENTS:-

of 1703

2016/11/28
2016/11/29
2016/11/30

GROUP NAME HRMS Prep

Analyst MH

BATCH DATE 2016/11/30

Balance ID# BAL-1

TEST CODES PCB-TI

Lipid WS#

| Extraction WS# | SAMPLE # | Sample Wgt. (g) | Final vol. (mL) | Vol. Used for Lipid (mL) | Wgt. Of dish (g) | Wgt of dish and dry lipid extract (g) | Lipid in extract | % Lipid |
|----------------|----------|-----------------|-----------------|--------------------------|------------------|---------------------------------------|------------------|---------|
| 4767897 | DIS272 | 10.2246 | 5 | 0.5 | 11.9245 | 11.9473 | 0.228 | 2.2 |
| 4767897 | DIS273 | 10.3198 | 5 | 0.5 | 11.9127 | 11.9383 | 0.256 | 2.5 |
| 4767897 | DIS274 | 10.4106 | 5 | 0.5 | 11.9614 | 12.0025 | 0.411 | 3.9 |
| 4767897 | DIS275 | 10.2828 | 5 | 0.5 | 12.0259 | 12.0444 | 0.185 | 1.8 |
| 4767897 | DIS276 | 10.1632 | 5 | 0.5 | 12.0116 | 12.0281 | 0.165 | 1.6 |
| 4767897 | DIS277 | 10.0866 | 5 | 0.5 | 12.0538 | 12.0676 | 0.138 | 1.4 |
| 4767897 | DIS278 | 10.2593 | 5 | 0.5 | 11.9326 | 11.9706 | 0.380 | 3.7 |
| 4767897 | DIS279 | 10.2925 | 5 | 0.5 | 11.9808 | 11.9982 | 0.174 | 1.7 |
| 4767897 | DJV041 | 10.3025 | 5 | 0.5 | 12.0533 | 12.0849 | 0.316 | 3.1 |
| 4767897 | DJV042 | 10.3838 | 5 | 0.5 | 11.9583 | 11.9789 | 0.206 | 2.0 |
| 4767897 | DJV043 | 10.1642 | 5 | 0.5 | 11.9611 | 11.9845 | 0.234 | 2.3 |
| 4767897 | DJV055 | 10.63932 | 5 | 0.5 | 12.0333 | 12.0589 | 0.256 | 2.4 |
| 4767897 | DJV056 | 10.3291 | 5 | 0.5 | 12.033 | 12.0527 | 0.197 | 1.9 |
| 4767897 | DJV057 | 10.2627 | 5 | 0.5 | 12.0057 | 12.0261 | 0.204 | 2.0 |
| 4767897 | DJV090 | 10.0993 | 5 | 0.5 | 11.933 | 12.0013 | 0.683 | 6.8 |
| 4767897 | DJV091 | 10.2029 | 5 | 0.5 | 11.9738 | 12.0046 | 0.308 | 3.0 |
| 4767897 | DJV092 | 10.1316 | 5 | 0.5 | 11.9114 | 11.9489 | 0.375 | 3.7 |
| 4767897 | DMY805 | 10.2818 | 5 | 0.5 | 11.9088 | 11.9681 | 0.593 | 5.8 |
| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |
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| | | | | | | | #DIV/0! | #DIV/0! |
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| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |

GROUP NAME **HRMS Prep**

Analyst **MH**

BATCH DATE **2016/11/30**

Balance ID# **BAL-1**

TEST CODES **PCB-TI**

Lipid WS#

| Extraction WS# | SAMPLE # | Sample Wgt. (g) | Final vol. (mL) | Vol. Used for Lipid (mL) | Wgt. Of dish (g) | Wgt of dish and dry lipid extract (g) | Lipid in extract | % Lipid |
|----------------|----------|-----------------|-----------------|--------------------------|------------------|---------------------------------------|------------------|---------|
| 4767897 | DIS272 | 10.2246 | 5 | 0.5 | 11.9245 | 11.9473 | 0.000 | 0.0 |
| 4767897 | DIS273 | 10.3198 | 5 | 0.5 | 11.9127 | 11.9383 | 0.000 | 0.0 |
| 4767897 | DIS274 | 10.4106 | 5 | 0.5 | 11.9614 | 12.0025 | 0.000 | 0.0 |
| 4767897 | DIS275 | 10.2828 | 5 | 0.5 | 12.0259 | 12.0444 | 0.000 | 0.0 |
| 4767897 | DIS276 | 10.1632 | 5 | 0.5 | 12.0116 | 12.0281 | 0.000 | 0.0 |
| 4767897 | DIS277 | 10.0866 | 5 | 0.5 | 12.0538 | 12.0676 | 0.000 | 0.0 |
| 4767897 | DIS278 | 10.2593 | 5 | 0.5 | 11.9326 | 11.9706 | 0.000 | 0.0 |
| 4767897 | DIS279 | 10.2925 | 5 | 0.5 | 11.9808 | 11.9982 | 0.000 | 0.0 |
| 4767897 | DJY041 | 10.3025 | 5 | 0.5 | 12.0533 | 12.0849 | 0.000 | 0.0 |
| 4767897 | DJY042 | 10.3838 | 5 | 0.5 | 11.9583 | 11.9789 | 0.000 | 0.0 |
| 4767897 | DJY043 | 10.1642 | 5 | 0.5 | 11.9611 | 11.9845 | 0.000 | 0.0 |
| 4767897 | DJY055 | 10.63932 | 5 | 0.5 | 12.0333 | 12.0589 | 0.000 | 0.0 |
| 4767897 | DJY056 | 10.3291 | 5 | 0.5 | 12.0330 | 12.0527 | 0.000 | 0.0 |
| 4767897 | DJY057 | 10.2627 | 5 | 0.5 | 12.0057 | 12.0261 | 0.000 | 0.0 |
| 4767897 | DJY090 | 10.0993 | 5 | 0.5 | 11.9330 | 12.0013 | 0.000 | 0.0 |
| 4767897 | DJY091 | 10.2029 | 5 | 0.5 | 11.9738 | 12.0046 | 0.000 | 0.0 |
| 4767897 | DJY092 | 10.1316 | 5 | 0.5 | 11.9104 | 11.9489 | 0.000 | 0.0 |
| 4767897 | DMY805 | 10.2818 | 5 | 0.5 | 11.9088 | 11.9681 | 0.000 | 0.0 |
| | | | 5 | 0.5 | | | 0.000 | #DIV/0! |
| | | | 5 | 0.5 | | | 0.000 | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |

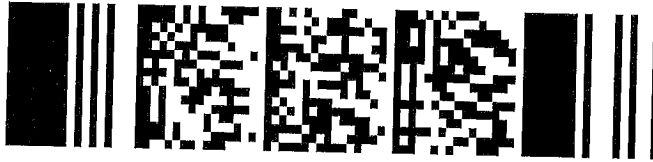
ULT 2

PCB

M2161207A

| Bottle | File Name | File Text | Sample ID | Wt/Vol | |
|--------|-----------|-------------|--|---------------------------------------|-----------|
| 1 | 1 | M2161207A01 | CS3_PCB 150417CXU | --- | 1.000000 |
| 2 | 2 | M2161207A02 | 209MIX_PCB 150822CXU | --- | 1.000000 |
| 3 | 4 | M2161207A03 | SPIKE:D1 DILX5 -- ^{lost} _{ms} WS#4779396/4767897, TI | RE-INS. | 10.000000 |
| 4 | 5 | M2161207A04 | MATSPK% DILX5 | WS#4779396/4767897, TI, DIS272 | 10.049600 |
| 5 | 3 | M2161207A05 | solvent | solvent | 1.000000 |
| 6 | 6 | M2161207A06 | BLANK DILX5 | WS#4779396/4767897, TI | 10.000000 |
| 7 | 7 | M2161207A07 | DIS273-01R DILX5 | Anchor, PG-T0-MUS-COC-160829 16H0, Ti | 10.319800 |
| 8 | 8 | M2161207A08 | DIS275-01R DILX5 | Anchor, PG-SMA-1-2-161011 16J0187, Ti | 10.282800 |
| 9 | 9 | M2161207A09 | DIS275-01R:D1 DILX5 | Anchor, PG-SMA-1-2-161011 16J0187, Ti | 10.026000 |
| 10 | 1 | M2161207A10 | CS3_PCB 150417CXU | --- | 1.000000 |

SPIKE D1 lost work mass - RE-INS



Report Name : Worksheet - (Liquids and Solids)

Assignment Date : Monday, December 05, 2016

Assigned to : Cathy Xu

Test Code : PCBCONHR-T

Instrument Id: 220-GCHRMS2

Test Description : To determine PCB congeners in tissue - full list of congeners (must specify whether to calculate on Lipid content).

| Job Number | Sample Number | D | Sample ID | F | % Moisture | Wt or Vol | Final Vol | DF or AF | # Cont | Expiry Date | Test DeadLine | Criteria | Extract Date |
|------------|---------------|---|-------------------|---|------------|-----------|-----------|----------|--------|-------------|------------------|----------|--------------|
| | MTRX SPK | | MHRPD DIS272-01 | | | | | | | | | | 2016/12/28 |
| | SPIKE | 0 | MHRPD | | | | | | | | | | 2016/12/28 |
| | SPIKE | 1 | MHRPD | | | | | | | | | | 2016/12/28 |
| | BLANK | | | | | | | | | | | | 2016/12/28 |
| B6N4556 | *DIS272-01R | | PG-T0-MUS-COC-* | | | | | | 1 | 2017/08/16 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6N4556 | *DIS273-01R | | PG-T0-MUS-COC-* | | | | | | 1 | 2017/08/29 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6N4556 | *DIS274-01R | | PG-SMA-1-1-16101* | | | | | | 1 | 2017/10/11 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6N4556 | *DIS275-01R | 0 | PG-SMA-1-2-16101* | | | | | | 1 | 2017/10/11 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6N4556 | *DIS275-01R | 1 | PG-SMA-1-2-16101* | | | | | | 1 | 2017/10/11 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6N4556 | *DIS276-01R | | PG-SMA-1-3-16101* | | | | | | 1 | 2017/10/11 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6N4556 | *DIS277-01R | | PG-REF-PJ-1-1610* | | | | | | 1 | 2017/10/11 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6N4556 | DIS278-01R | | 16J0187-05 | | | | | | 1 | 2017/10/11 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6N4556 | DIS279-01R | | 16J0187-06A | | | | | | 1 | 2017/10/11 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6O0376 | *DJV041-01R | | 6102604-01 | | | | | | 1 | 2017/10/24 | 2016/11/24 18:00 | DOD | 2016/12/28 |
| B6O0376 | *DJV042-01R | | 6102604-02 | | | | | | 1 | 2017/10/24 | 2016/11/24 18:00 | DOD | 2016/12/28 |
| B6O0376 | *DJV043-01R | | 6102604-03 | | | | | | 1 | 2017/10/24 | 2016/11/24 18:00 | DOD | 2016/12/28 |
| B6O0382 | *DJV055-01R | | 6102701-01 | | | | | | 1 | 2017/10/24 | 2016/11/24 18:00 | DOD | 2016/12/28 |
| B6O0382 | *DJV056-01R | | 6102701-02 | | | | | | 1 | 2017/10/24 | 2016/11/24 18:00 | DOD | 2016/12/28 |
| B6O0382 | *DJV057-01R | | 6102701-03 | | | | | | 1 | 2017/10/24 | 2016/11/24 18:00 | DOD | 2016/12/28 |
| B6O0387 | *DJV090-01R | | 6102801-01 | | | | | | 1 | 2017/10/24 | 2016/11/23 23:00 | DOD | 2016/12/28 |
| B6O0387 | *DJV091-01R | | 6102801-02 | | | | | | 1 | 2017/10/24 | 2016/11/23 23:00 | DOD | 2016/12/28 |
| B6O0387 | *DJV092-01R | | 6102801-03 | | | | | | 1 | 2017/10/24 | 2016/11/23 23:00 | DOD | 2016/12/28 |
| B6P6472 | DMY805-01R | | PCB SMOKED ME* | | | | | | 1 | | 2016/12/23 17:00 | | 2016/12/28 |

Remarks: _____

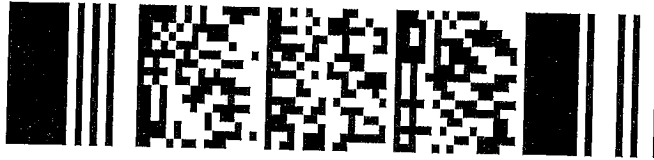
Samples extracted by: Michael Hopkins

Instrumentation performed by: BRANKO VRZIC

Calculations performed by: Ahmad Hussain

Validated by: BRANKO VRZIC
 Maxxim Analytics

Date: 2016/12/07 ^A
 Date: 18.12.14.
 Date: 2016/12/19 ^{By 2016/12/28}



Report Name : Worksheet - (Liquids and Solids)

Assignment Date : Monday, November 28, 2016

Assigned to : Michael Hopkins

Test Code : PREPPCB-TI

Instrument Id:

Test Description : Preparation of tissue by 1668 for PCBs

| Job Number | Sample Number | D | Sample ID | Soxhlet | | Flask | | # Cont | Expiry Date | Test DeadLine | Criteria | Extract Date | | | | |
|------------|---------------|---|----------------------|---------|----------------|-----------|-----------|--------|-------------|---------------|------------------|--------------|------------|------------------|-----|------------|
| | | | | F | % Moisture | Wt or Vol | Final Vol | | | | | | DF or AF | | | |
| | MTRX SPK | | DIS272-01 | | T156 | 10.0496 | 100ul | T16 | | | | 2016/11/28 | | | | |
| | - SPIKE | 0 | Butter 2016/03/30 | | T38 | 0.2121 | | T299 | | | | 2016/11/28 | | | | |
| | SPIKE | 1 | Butter 2016/03/30 | | T155 | 0.2126 | | B83 | | | | 2016/11/28 | | | | |
| | BLANK | | Butter 2016/03/30 | | T153 | 0.2556 | | T153 | | | | 2016/11/28 | | | | |
| B6N4556 | DIS272-01R | | PG-T0-MUS-COC-* | | T22 | 10.2246 | | T182 | 1 | 2017/08/16 | 2016/11/18 18:00 | DOD | 2016/11/28 | | | |
| B6N4556 | DIS273-01R | | PG-T0-MUS-COC-* | | T200 | 10.2198 | | B73 | 1 | 2017/08/29 | 2016/11/18 18:00 | DOD | 2016/11/28 | | | |
| B6N4556 | DIS274-01R | | PG-SMA-1-1-16101* | | T14 | 10.4106 | | T28 | 1 | 2017/10/11 | 2016/11/18 18:00 | DOD | 2016/11/28 | | | |
| B6N4556 | DIS275-01R | 0 | PG-SMA-1-2-16101* | | T183 | 10.2828 | | T27 | 1 | 2017/10/11 | 2016/11/18 18:00 | DOD | 2016/11/28 | | | |
| B6N4556 | DIS275-01R | 1 | PG-SMA-1-2-16101* | | T54 | 10.0260 | | T55 | 1 | 2017/10/11 | 2016/11/18 18:00 | DOD | 2016/11/28 | | | |
| B6N4556 | DIS276-01R | | PG-SMA-1-3-16101* | | T184 | 10.1632 | | T25 | 1 | 2017/10/11 | 2016/11/18 18:00 | DOD | 2016/11/28 | | | |
| B6N4556 | DIS277-01R | | PG-REF-PJ-1-1610* | | T177 | 10.0866 | | T8 | 1 | 2017/10/11 | 2016/11/18 18:00 | DOD | 2016/11/28 | | | |
| B6N4556 | DIS278-01R | | 16J0187-05 | | B130 | 10.2593 | | T49 | 1 | 2017/10/11 | 2016/11/18 18:00 | DOD | 2016/11/28 | | | |
| RS | B6N4556 | | 16J0187-06A | | T15 | 10.2425 | | T48 | 1 | 2017/10/11 | 2016/11/18 18:00 | DOD | 2016/11/28 | | | |
| RS | B6O0376 | | DJV041-01R | | 6102604-01 | | | T185 | 10.3025 | | T40 | 1 | 2017/10/24 | 2016/11/17 18:00 | DOD | 2016/11/28 |
| RS | B6O0376 | | DJV042-01R | | 6102604-02 | | | T199 | 10.3838 | | T40 | 1 | 2017/10/24 | 2016/11/17 18:00 | DOD | 2016/11/28 |
| RS | B6O0376 | | DJV043-01R | | 6102604-03 | | | T151 | 10.1642 | | T26 | 1 | 2017/10/24 | 2016/11/17 18:00 | DOD | 2016/11/28 |
| RS | B6O0382 | | DJV055-01R | | 6102701-01 | | | T144 | 10.3932 | | T43 | 1 | 2017/10/24 | 2016/11/17 18:00 | DOD | 2016/11/28 |
| RS | B6O0382 | | DJV056-01R | | 6102701-02 | | | T26 | 10.3291 | | B99 | 1 | 2017/10/24 | 2016/11/17 18:00 | DOD | 2016/11/28 |
| RS | B6O0382 | | DJV057-01R | | 6102701-03 | | | T187 | 10.2627 | | T187 | 1 | 2017/10/24 | 2016/11/17 18:00 | DOD | 2016/11/28 |
| RS | B6O0387 | | DJV090-01R | | 6102801-01 | | | T33 | 10.0943 | | T50 | 1 | 2017/10/24 | 2016/11/23 23:00 | DOD | 2016/11/28 |
| RS | B6O0387 | | DJV091-01R | | 6102801-02 | | | B11 | 10.2029 | | T18 | 1 | 2017/10/24 | 2016/11/23 23:00 | DOD | 2016/11/28 |
| RS | B6O0387 | | DJV092-01R | | 6102801-03 | | | T189 | 10.1316 | | T66 | 1 | 2017/10/24 | 2016/11/23 23:00 | DOD | 2016/11/28 |
| RS | B6P6472 | | DMY805-01R | | PCB SMOKED ME* | | | T147 | 10.2818 | ✓ | T162 | 1 | | 2016/12/16 17:00 | | 2016/11/28 |

Remarks: _____

Samples extracted by: Michael Hopkins

Instrumentation performed by: _____

Date: _____

Calculations performed by: _____

Date: _____

Maxxam Analytics: _____

Date: _____

| Ultra Trace - Worksheet Validation Checklist | | | |
|--|---|--------------------------------|----|
| Prep Worksheet # 4762897 | | Instrument Worksheet # 4779398 | |
| Testcode: PREPPCA-T1 | | Testcode: PCBCONHR-T | |
| Sample Preparation | | | |
| | | yes | no |
| 1 | Samples extracted within hold time | ✓ | |
| 2 | Client sample ID verified against Lab ID | | ✓ |
| 3 | Job Remarks reviewed on 2nd page of worksheet & testcodes reviewed for spiking | ✓ | |
| 4 | Method required QC processed with samples | ✓ | |
| 5 | Sample, duplicate, matrix spike appear similar, initial sample as well as final extract | | |
| 6 | Sample weight or initial volume and extract final volume, aliquot factor clearly recorded. | ✓ | |
| 7 | If performed any additional dilution clearly recorded | ✓ | |
| 8 | Spiking solutions valid (haven't expired), ID and volume used clearly identified on worksheet | ✓ | |
| 9 | Spiking process witnessed and signed off | ✓ | |
| 10 | Sample prep deviations documented on Bench Level Deviation Form (CAM FCD-00328) | | |
| 11 | tracking sheets completed | ✓ | |
| Prepared by: MH | | Date: 2016/11/28 | |
| Comments: | | Reviewed by: HRP 2016 12 06 | |
| Primary review by the analyst - 100 % analysis review | | | |
| | | yes | no |
| 1 | System performance check acceptable (if applicable) | ✓ | |
| 2 | Analysis set-up meets method criteria | ✓ | |
| 3 | Tuning and correct calibration used - criteria meets method criteria | ✓ | |
| 4 | SQC/Control Charts updated, analysis in statistical/method control | | ✓ |
| 5 | Internal area counts checked (if applicable) | | ✓ |
| 6 | LCS, SRM are within acceptance criteria | | ✓ |
| 7 | Surrogate Recovery(s) is within acceptance criteria | ✓ | |
| 8 | Method Blank meets acceptance criteria | | ✓ |
| 9 | Matrix Spike recovery(s) meets acceptance criteria | | ✓ |
| 10 | Duplicate precision meets acceptance criteria | | ✓ |
| 11 | QC is documented on the run logs | | ✓ |
| 12 | Runs checked for carryover | ✓ | |
| 13 | Prep log / worksheet(s) are present, signed / dated by a prep / instrument analysts | ✓ | |
| 14 | Initial weights, splits, impinger volumes (where applicable) are documented | ✓ | |
| 15 | Samples above calibration range diluted and reanalyzed <i>diln run for IS rec. problems</i> | ✓ | |
| 16 | Dilution factors (where justified) have been checked for correctness and entered | ✓ | |
| 17 | Analytical observations/anomalies documented in LIMS | ✓ | |
| 18 | If corrective actions were applied they are documented, initialed & dated | | ✓ |
| 19 | Transferred data is approved in LIMS for correctness | ✓ | |
| 20 | Sample Prep section (above) reviewed and verified | ✓ | |
| 21 | Data package assembled (where required) | | ✓ |
| Data Approved by: Amjad Hussame | | Date: 18.12.14 | |
| Comments: | | | |
| Secondary Supervisor/Qualified Data Review Staff | | | |
| | | yes | no |
| 1 | Repeats documented and referenced | ✓ | |
| 2 | Method and sample deviations noted, anomalies described (if applicable) | ✓ | |
| 3 | Data and QC validated in LIMS | ✓ | |
| 4 | Manual integration - before & after data with a reason included, initialed & dated | ✓ | |
| 5 | Random calculation checked | ✓ | |
| 6 | Worksheet(s) and sample prep sheets (FCDs) signed and dated | ✓ | |
| 7 | Data Package (if required) checked for completeness | ✓ | |
| Validated & Status Checked by: BRANKA VRZIC | | Date: 20161214 | |
| Comments: | | | |

Note: Primary and Secondary Internal Data Review Check must be performed by a different person

GROUP NAME **HRMS Prep**

Analyst **MH**

BATCH DATE **2016/11/30**

Balance ID# **BAL-1**

TEST CODES **PCB-TI**

Lipid WS#

| Extraction WS# | SAMPLE # | Sample Wgt. (g) | Final vol. (mL) | Vol. Used for Lipid (mL) | Wgt. Of dish (g) | Wgt of dish and dry lipid extract (g) | Lipid in extract | % Lipid |
|----------------|----------|-----------------|-----------------|--------------------------|------------------|---------------------------------------|------------------|---------|
| 4767897 | DIS272 | 10.2246 | 5 | 0.5 | 11.9245 | 11.9473 | 0.228 | 2.2 |
| 4767897 | DIS273 | 10.3198 | 5 | 0.5 | 11.9127 | 11.9383 | 0.256 | 2.5 |
| 4767897 | DIS274 | 10.4106 | 5 | 0.5 | 11.9614 | 12.0025 | 0.411 | 3.9 |
| 4767897 | DIS275 | 10.2828 | 5 | 0.5 | 12.0259 | 12.0444 | 0.185 | 1.8 |
| 4767897 | DIS276 | 10.1632 | 5 | 0.5 | 12.0116 | 12.0281 | 0.165 | 1.6 |
| 4767897 | DIS277 | 10.0866 | 5 | 0.5 | 12.0538 | 12.0676 | 0.138 | 1.4 |
| 4767897 | DIS278 | 10.2593 | 5 | 0.5 | 11.9326 | 11.9706 | 0.380 | 3.7 |
| 4767897 | DIS279 | 10.2925 | 5 | 0.5 | 11.9808 | 11.9982 | 0.174 | 1.7 |
| 4767897 | DJV041 | 10.3025 | 5 | 0.5 | 12.0533 | 12.0849 | 0.316 | 3.1 |
| 4767897 | DJV042 | 10.3838 | 5 | 0.5 | 11.9583 | 11.9789 | 0.206 | 2.0 |
| 4767897 | DJV043 | 10.1642 | 5 | 0.5 | 11.9611 | 11.9845 | 0.234 | 2.3 |
| 4767897 | DJV055 | 10.63932 | 5 | 0.5 | 12.0333 | 12.0589 | 0.256 | 2.4 |
| 4767897 | DJV056 | 10.3291 | 5 | 0.5 | 12.033 | 12.0527 | 0.197 | 1.9 |
| 4767897 | DJV057 | 10.2627 | 5 | 0.5 | 12.0057 | 12.0261 | 0.204 | 2.0 |
| 4767897 | DJV090 | 10.0993 | 5 | 0.5 | 11.933 | 12.0013 | 0.683 | 6.8 |
| 4767897 | DJV091 | 10.2029 | 5 | 0.5 | 11.9738 | 12.0046 | 0.308 | 3.0 |
| 4767897 | DJV092 | 10.1316 | 5 | 0.5 | 11.9114 | 11.9489 | 0.375 | 3.7 |
| 4767897 | DMY805 | 10.2818 | 5 | 0.5 | 11.9088 | 11.9681 | 0.593 | 5.8 |
| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |
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| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |

HR Soil/Tissue/Food Tracking Sheet

| | | | | |
|---|--------|-------------------|----------------|---------|
| Solvent | Lot No | Date & Time | Extracted by:- | WS# |
| MeCl ₂ | 164514 | 2016/11/28 2:30pm | MH | 4767897 |
| Hexane | 163812 | 2016/11/29 6:30am | MH | |
| Toluene | | | | |
| Iso Octane | 160910 | 2016/11/30 | | |
| Na ₂ S ₂ O ₈ | 165133 | GPC 2 | | |
| Acetone | | | | |
| Silica | | | | |

| | | | |
|-------------------|--------------------|--------------------|----------------------|
| Soxhlet Burner On | Soxhlet Burner Off | Rotovape ID | Spiking Witness by:- |
| | | 7,3,4,1,6 + 3,6 | <i>Chris</i> |
| GPC'd By | GPC Date | ID of Balance Used | |
| MH | 2016/11/30 | Secura 324-15 | |
| GPC ID # | FMS Used by:- | | |
| | | | |

*Note: If samples are cleaned up by FMS then attach the FMS FCD.

| Solvent/Absorbent | Lot#/Lab ID | Solvent/Absorbent | Lot#/Lab ID | N2-Evap ID |
|--|-------------|-------------------------|-------------|------------|
| | | | | |
| 44% Acid Silica | | 50% Toluene: Ethyl Acet | | |
| 33% KOH Silica | | 50% DCM: Hexane | | |
| 10% AgNO ₃ | | Carbon/Celite | | |
| Surrogate/Spike solutions | | Prep. Date/Code | | |
| EPA Mid 23 Internal Std Soln | | | | |
| EPA Mid 23 Matrix Spiking Soln | | | | |
| EPA Mid 1613 Internal Std. Soln | | | | |
| EPA Mid 1613 Matrix Spiking Soln | | | | |
| EPA Mid 1613 Alt. Spike (Clean-up) | | | | |
| EPA Region IV (8290) Internal Std Soln | | | | |
| EPA Region IV (8290) Mat. Spiking Soln | | | | |

| Solvent/ Absorbent | Lot#/Lab ID | Concentration | N2-Evap ID |
|----------------------------------|-------------|---------------|------------|
| | | | |
| 1% Deati. Alumina | | 5-10 ng/ul | |
| Surrogate/Spike solutions | | | |
| CARB 429 Internal Std Soln (PAH) | | | |
| CARB 429 Matrix Spiking Soln | | | |

| Solvent/ Absorbent | Lot#/Lab ID | Concentration | N2-Evap ID |
|-----------------------------------|-------------|---------------|------------|
| | | | |
| 3% Deactivated Florisil | | 5ng/ul | |
| Surrogate/Spike solutions | | | |
| HR PCB Internal Std Soln | | | |
| HR PCB Matrix Spiking Soln | | | |
| HR PCB Alternate (Clean-up) Spike | | | |

| Solvent/ Absorbent | Lot#/Lab ID | Concentration | N2-Evap ID |
|---------------------------------|-------------|---------------|------------|
| | | | |
| 1% Deactivated Florisil | | 0.4ng/ul | |
| 20% Ethyl Acet: Petroleum Ether | | 0.1ng/ul | |
| Surrogate/Spike solutions | | | |
| HR OC Internal Std Soln | | | |
| HR OC Matrix Spiking Soln | | | |

| Solvent/ Absorbent | Lot#/Lab ID | Concentration | N2-Evap ID |
|---------------------------------|-------------|---------------|------------|
| | | | |
| 1% Deactivated Florisil | | 4ng/ul | |
| 20% Ethyl Acet: Petroleum Ether | | 5ng/ul | |
| Surrogate/Spike solutions | | | |
| HR OC Internal Std Soln | | | |
| HR OC Matrix Spiking Soln | | | |

COMMENTS:-

GROUP NAME **HRMS Prep**

Analyst **MH**

BATCH DATE **2016/11/30**

Balance ID# **BAL-1**

TEST CODES **PCB-TI**

Lipid WS#

| Extraction WS# | SAMPLE # | Sample Wgt. (g) | Final vol. (mL) | Vol. Used for Lipid (mL) | Wgt. Of dish (g) | Wgt of dish and dry lipid extract (g) | Lipid in extract | % Lipid |
|-------------------|----------|--------------------|--------------------|--------------------------------|---------------------|---|---------------------|---------|
| 4767897 | DIS272 | 10.2246 | 5 | 0.5 | 11.9245 | 11.9473 | 0.000 | 0.0 |
| 4767897 | DIS273 | 10.3198 | 5 | 0.5 | 11.9127 | 11.9383 | 0.000 | 0.0 |
| 4767897 | DIS274 | 10.4106 | 5 | 0.5 | 11.9614 | 12.0025 | 0.000 | 0.0 |
| 4767897 | DIS275 | 10.2828 | 5 | 0.5 | 12.0259 | 12.0444 | 0.000 | 0.0 |
| 4767897 | DIS276 | 10.1632 | 5 | 0.5 | 12.0116 | 12.0281 | 0.000 | 0.0 |
| 4767897 | DIS277 | 10.0866 | 5 | 0.5 | 12.0538 | 12.0676 | 0.000 | 0.0 |
| 4767897 | DIS278 | 10.2593 | 5 | 0.5 | 11.9326 | 11.9706 | 0.000 | 0.0 |
| 4767897 | DIS279 | 10.2925 | 5 | 0.5 | 11.9808 | 11.9982 | 0.000 | 0.0 |
| 4767897 | DJV041 | 10.3025 | 5 | 0.5 | 12.0533 | 12.0849 | 0.000 | 0.0 |
| 4767897 | DJV042 | 10.3838 | 5 | 0.5 | 11.4583 | 11.9789 | 0.000 | 0.0 |
| 4767897 | DJV043 | 10.1642 | 5 | 0.5 | 11.9611 | 11.9845 | 0.000 | 0.0 |
| 4767897 | DJV055 | 10.63932 | 5 | 0.5 | 12.0333 | 12.0589 | 0.000 | 0.0 |
| 4767897 | DJV056 | 10.3291 | 5 | 0.5 | 12.0330 | 12.0527 | 0.000 | 0.0 |
| 4767897 | DJV057 | 10.2627 | 5 | 0.5 | 12.0057 | 12.0261 | 0.000 | 0.0 |
| 4767897 | DJV090 | 10.0993 | 5 | 0.5 | 11.9330 | 12.0013 | 0.000 | 0.0 |
| 4767897 | DJV091 | 10.2029 | 5 | 0.5 | 11.9738 | 12.0046 | 0.000 | 0.0 |
| 4767897 | DJV092 | 10.1316 | 5 | 0.5 | 11.9114 | 11.9489 | 0.000 | 0.0 |
| 4767897 | DMY805 | 10.2818 | 5 | 0.5 | 11.9088 | 11.9681 | 0.000 | 0.0 |
| | | | 5 | 0.5 | | | 0.000 | #DIV/0! |
| | | | 5 | 0.5 | | | 0.000 | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |
| | | | | | | | #DIV/0! | #DIV/0! |



CAP 18 - 189 rue d'Aubervilliers
F-75018 PARIS

PT Scheme 44 - PCB and dioxins in agri-food domain

2016-2017 annual series
Production Smoked meat PCB
MAXXAM ANALYTICS - Laboratory 12729

Type in your(s) sample number(s) :

6-2744 -

Sample(s) arrived on : yyyy-mm-dd

Results must arrive at Bipea before (23:59 Paris local time) : DIMANCHE 8 JANVIER 2017

Instructions :

Participants must treat samples for interlaboratory comparisons as they usually do, except when there are other recommendations mentioned below.

Expression of the results :

Results should be expressed compared to the raw product for all the parameters, unless otherwise instructed.

Informations about samples :

The spiking range for indicator PCBs is as follows: 1 - 30 µg/kg

• Test sample weight

MASS44 = g

• Freeze-drying step

LYO yes/no

INDICATOR POLYCHLOROBIPHENYLS

• PCB 28

Choice of used method

GC-ECD GEPCB2844 = µg.kg⁻¹
High-resolution GC GH
GC MS GM
GC MS/MS GS

• PCB 52

Choice of used method

GC-ECD GEPCB5244 = µg.kg⁻¹
High-resolution GC GH
GC MS GM
GC MS/MS GS

• PCB 101

Choice of used method

GC-ECD GEPCB10144 = µg.kg⁻¹
High-resolution GC GH
GC MS GM
GC MS/MS GS

• PCB 138

Choice of used method

GC-ECD GEPCB13844 = µg.kg⁻¹
High-resolution GC GH
GC MS GM

• PCB 153

□ Choice of used method

| | | | | | | |
|--------------------|--------|----------------------------------|---|----------------------|----------------------|---------------------|
| | GC-ECD | <input type="radio"/> GEPCB15344 | = | <input type="text"/> | <input type="text"/> | µg.kg ⁻¹ |
| High-resolution GC | | <input type="radio"/> GH | | | | |
| GC MS | | <input type="radio"/> GM | | | | |
| GC MS/MS | | <input type="radio"/> GS | | | | |

• PCB 180

□ Choice of used method

| | | | | | | |
|--------------------|--------|----------------------------------|---|----------------------|----------------------|---------------------|
| | GC-ECD | <input type="radio"/> GEPCB18044 | = | <input type="text"/> | <input type="text"/> | µg.kg ⁻¹ |
| High-resolution GC | | <input type="radio"/> GH | | | | |
| GC MS | | <input type="radio"/> GM | | | | |
| GC MS/MS | | <input type="radio"/> GS | | | | |

• Sum of the 6 Indicator-PCBs

□ Choice of used method

| | | | | | | |
|--------------------|--------|---------------------------------|---|----------------------|----------------------|---------------------|
| | GC-ECD | <input type="radio"/> GESPCBI44 | = | <input type="text"/> | <input type="text"/> | µg.kg ⁻¹ |
| High-resolution GC | | <input type="radio"/> GH | | | | |
| GC MS | | <input type="radio"/> GM | | | | |
| GC MS/MS | | <input type="radio"/> GS | | | | |

- End of form -

Remarks for BIPEA :

Remarks for the manager (not forwarded to BIPEA) :

Remarks to be published in the ILCR :

Your full name (it will not be forwarded to BIPEA) :

Lipids
5 mL
↓ ↓
0.5 mL 4.5 mL
Lipids GPC
CleanUp

HRMS Sample Information Transfer

Analyst: Michael Hopkins

Date: 2016/11/28

WS # 4767897

Extraction Status: Started @ 2:30 pm

Roto-Vap Status: Done for all of the samples 2016/11/29 MH

All samples have been filtered 2016/11/29 MH

Lipids done for all samples except Blank, Spike, Spike Dup, MS, DIS275 Dup ^{2016/11/30} MH

Cleanup Status: All samples are running on the ^{2016/11/30} PFF GPC except DJV091, DJV092. need to add ^{MH} to the sequence 2016/11/30 MH

2016/12/01 - Run rest of 2-samples on GPC

^{MH} - Samples BK, Spk, Spk Dup, DMY805, MS(DIS272), DIS272, DIS273, Dup(DIS273), DIS274, DIS275, DIS276, DIS not mixed & star GPC. Did ~~complete~~ column for them. Acid column cleanups

* Listed above ready for PCB column cleanups.

DJ 2-16/12/01
Witness for
cleanup 2/2/16

Clean Up Spike added to ^{2016/12/03} the remaining samples 2016/12/03 MH; CFB 2016/12/03.

Acid columns done for the remaining samples 2016/12/03 MH

2016/12/04. PCB column cleanups done for all 23-samples. (Prepared copper & added before).
^{MH} - Need to blow-down & reacti-vial.

Reacti-Vial: completed

Completion Date: 2016/12/05 ⁵ pm

Sample ID **MATSPK% DILX5**
 Comments
 Instrument File Ultima 3
 Sample Size 10.06

MATSPK% DILX5

Dil Fac 1.00

| Name | mass | RT | Area | ratio | Tot Area | ng/g | Code | Isomers | DL | S/N | Mod | rf | Rec |
|--------------|-----------|--------|-------|-------|----------|----------|------|---------|-------|-----|-----|-------|-----|
| 1 PCB 1 | 188 | 8.84 | 21950 | 3.16 | 28892 | 0.102782 | | | 0.001 | 504 | no | 1.296 | - |
| | MoCB 190 | 8.83 | 6941 | yes | * | | | | | 274 | | | |
| 2 PCB 2 | 188 | NotFnd | * | * | * | | | | 0.001 | | no | 1.65 | - |
| | MoCB 190 | 9.93 | * | no | | | | | | | | | |
| 3 PCB 3 | 188 | 10.02 | 21271 | 2.55 | 29622 | 0.099689 | | | 0.001 | 489 | no | 1.276 | - |
| | MoCB 190 | 10.01 | 8351 | no | | | | | | 324 | | | |
| 4 PCB 4 | 222 | 10.13 | 6990 | 1.53 | 11570 | 0.091565 | | | 0.008 | 130 | no | 1.186 | - |
| | DICB 224 | 10.12 | 4580 | yes | * | | | | | 17 | | | |
| 5 PCB 10 | 222 | NotFnd | * | * | * | | | | 0.005 | | no | 1.003 | - |
| | DICB 224 | 10.22 | * | no | | | | | | | | | |
| 6 PCB 9 | 222 | NotFnd | * | * | * | | | | 0.014 | | no | 2.123 | - |
| | DICB 224 | 11.02 | * | no | | | | | | | | | |
| 7 PCB 7 | 222 | NotFnd | * | * | * | | | | 0.016 | | no | 1.83 | - |
| | DICB 224 | 11.08 | * | no | | | | | | | | | |
| 8 PCB 6 | 222 | NotFnd | * | * | * | | | | 0.014 | | no | 2.063 | - |
| | DICB 224 | 11.18 | * | no | | | | | | | | | |
| 9 PCB 5 | 222 | NotFnd | * | * | * | | | | 0.017 | | no | 1.769 | - |
| | DICB 224 | 11.31 | * | no | | | | | | | | | |
| 10 PCB 8 | 222 | NotFnd | * | * | * | | | | 0.014 | | no | 2.077 | - |
| | DICB 224 | 11.35 | * | no | | | | | | | | | |
| 11 PCB 14 | 222 | NotFnd | * | * | * | | | | 0.014 | | no | 2.083 | - |
| | DICB 224 | 12.06 | * | no | | | | | | | | | |
| 12 PCB 11 | 222 | NotFnd | * | * | * | | | | 0.015 | | no | 2.03 | - |
| | DICB 224 | 12.41 | * | no | | | | | | | | | |
| 13 PCB 13/12 | 222 | NotFnd | * | * | * | | | | 0.016 | | no | 1.845 | - |
| | DICB 224 | 12.57 | * | no | | | | | | | | | |
| 14 PCB 15 | 222 | NotFnd | * | * | * | | | | 0.022 | | no | 1.042 | - |
| | DICB 224 | 12.71 | * | no | | | | | | | | | |
| 15 PCB 19 | 256 | 11.49 | 8092 | 1.07 | 15650 | 0.081346 | | | 0.005 | 147 | no | 1.156 | - |
| | TriCB 258 | 11.49 | 7559 | yes | * | | | | | 108 | | | |
| 16 PCB 30/18 | 256 | NotFnd | * | * | * | | | | 0.003 | | no | 0.904 | - |
| | TriCB 258 | 12.29 | * | no | | | | | | | | | |
| 17 PCB 17 | 256 | NotFnd | * | * | * | | | | 0.004 | | no | 0.726 | - |
| | TriCB 258 | 12.48 | * | no | | | | | | | | | |
| 18 PCB 27 | 256 | NotFnd | * | * | * | | | | 0.003 | | no | 1.092 | - |
| | TriCB 258 | 12.57 | * | no | | | | | | | | | |
| 19 PCB 24 | 256 | NotFnd | * | * | * | | | | 0.003 | | no | 0.938 | - |
| | TriCB 258 | 12.65 | * | no | | | | | | | | | |
| 20 PCB 16 | 256 | NotFnd | * | * | * | | | | 0.005 | | no | 0.55 | - |
| | TriCB 258 | 12.69 | * | no | | | | | | | | | |
| 21 PCB 32 | 256 | NotFnd | * | * | * | | | | 0.003 | | no | 1.174 | - |
| | TriCB 258 | 12.92 | * | no | | | | | | | | | |
| 22 PCB 34 | 256 | 13.49 | 21207 | 0.92 | 44295 | 0.075586 | | | 0.001 | 344 | no | 1.844 | - |
| | TriCB 258 | 13.50 | 23087 | yes | | | | | | 718 | | | |
| 23 PCB 23 | 256 | 13.58 | 22336 | 0.94 | 46073 | 0.082475 | | | 0.001 | 341 | no | 1.758 | - |
| | TriCB 258 | 13.59 | 23736 | yes | | | | | | 710 | | | |
| 24 PCB 26/29 | 256 | NotFnd | * | * | * | | | | 0.001 | | no | 1.919 | - |
| | TriCB 258 | 13.75 | * | no | | | | | | | | | |
| 25 PCB 25 | 256 | NotFnd | * | * | * | | | | 0.001 | | no | 1.997 | - |
| | TriCB 258 | 13.84 | * | no | | | | | | | | | |
| 26 PCB 31 | 256 | 13.99 | 1996 | 0.96 | 4083 | 0.006398 | | | 0.001 | 31 | no | 2.008 | - |
| | TriCB 258 | 14.00 | 2087 | yes | | | | | | 59 | | | |
| 27 PCB 28/20 | 256 | 14.15 | 3241 | 0.92 | 6757 | 0.011851 | | | 0.001 | 49 | no | 1.794 | - |
| | TriCB 258 | 14.15 | 3515 | yes | | | | | | 95 | | | |
| 28 PCB 21/33 | 256 | NotFnd | * | * | * | | | | 0.001 | | no | 1.913 | - |
| | TriCB 258 | 14.25 | * | no | | | | | | | | | |
| 29 PCB 22 | 256 | NotFnd | * | * | * | | | | 0.001 | | no | 1.658 | - |
| | TriCB 258 | 14.48 | * | no | | | | | | | | | |
| 30 PCB 36 | 256 | NotFnd | * | * | * | | | | 0.001 | | no | 2.238 | - |
| | TriCB 258 | 15.29 | * | no | | | | | | | | | |
| 31 PCB 39 | 256 | NotFnd | * | * | * | | | | 0.001 | | no | 1.83 | - |
| | TriCB 258 | 15.49 | * | no | | | | | | | | | |
| 32 PCB 38 | 256 | NotFnd | * | * | * | | | | 0.001 | | no | 1.841 | - |
| | TriCB 258 | 15.86 | * | no | | | | | | | | | |
| 33 PCB 35 | 256 | NotFnd | * | * | * | | | | 0.001 | | no | 1.883 | - |
| | TriCB 258 | 16.09 | * | no | | | | | | | | | |
| 34 PCB 37 | 256 | 16.36 | 22972 | 1.02 | 45517 | 0.098462 | | | 0.001 | 285 | no | 0.985 | - |
| | TriCB 258 | 16.35 | 22546 | yes | | | | | | 558 | | | |
| 35 PCB 54 | 290 | 12.85 | 6570 | 0.77 | 15106 | 0.091391 | | | 0.001 | 814 | no | 1.02 | - |
| | TCB 292 | 12.85 | 8536 | yes | | | | | | 315 | | | |
| 36 PCB 53/50 | 290 | NotFnd | * | * | * | | | | 0.001 | | no | 0.855 | - |
| | TCB 292 | 13.84 | * | no | | | | | | | | | |
| 37 PCB 45/51 | 290 | NotFnd | * | * | * | | | | 0.002 | | no | 0.819 | - |
| | TCB 292 | 14.20 | * | no | | | | | | | | | |
| 38 PCB 46 | 290 | NotFnd | * | * | * | | | | 0.002 | | no | 0.707 | - |
| | TCB 292 | 14.34 | * | no | | | | | | | | | |
| 39 PCB 52 | 290 | 15.08 | 3938 | 0.69 | 9672 | 0.040402 | | | 0.001 | 196 | no | 0.883 | - |
| | TCB 292 | 15.06 | 5734 | yes | | | | | | 102 | | | |
| 40 PCB 73 | 290 | NotFnd | * | * | * | | | | 0.001 | | no | 1.131 | - |
| | TCB 292 | 15.12 | * | no | | | | | | | | | |
| 41 PCB 43 | 290 | NotFnd | * | * | * | | | | 0.002 | | no | 0.558 | - |
| | TCB 292 | 15.19 | * | no | | | | | | | | | |
| 42 PCB 69/49 | 290 | 15.36 | 1322 | 0.8 | 2983 | 0.011283 | | | 0.001 | 68 | no | 0.975 | - |
| | TCB 292 | 15.32 | 1661 | yes | | | | | | 30 | | | |

| | | | | | | | | | | | | | |
|------------------------------|----------|--------|-------|------|-------|----------|--|--|-------|------|-------|-------|---|
| 43 PCB 48 | 290 | NotFnd | * | * | * | | | | 0.002 | no | 0.772 | - | |
| | TCB 292 | 15.51 | * | no | | | | | | | | | |
| 44 PCB 44/47/65 | 290 | 15.67 | 2948 | 0.68 | 7259 | 0.030499 | | | 0.001 | 114 | no | 0.878 | - |
| | TCB 292 | 15.64 | 4311 | yes | | | | | | 58 | | | |
| 45 PCB 59/62/75 | 290 | NotFnd | * | * | * | | | | 0.001 | | no | 1.1 | - |
| | TCB 292 | 15.82 | * | no | | | | | | | | | |
| 46 PCB 42 | 290 | NotFnd | * | * | * | | | | 0.002 | | no | 0.734 | - |
| | TCB 292 | 15.93 | * | no | | | | | | | | | |
| 47 PCB 40/41/71 | 290 | NotFnd | * | * | * | | | | 0.002 | | no | 0.804 | - |
| | TCB 292 | 16.22 | * | no | | | | | | | | | |
| 48 PCB 64 | 290 | NotFnd | * | * | * | | | | 0.001 | | no | 1.05 | - |
| | TCB 292 | 16.34 | * | no | | | | | | | | | |
| 49 PCB 72 | 290 | NotFnd | * | * | * | | | | 0.001 | | no | 1.88 | - |
| | TCB 292 | 16.86 | * | no | | | | | | | | | |
| 50 PCB 68 | 290 | NotFnd | * | * | * | | | | 0.001 | | no | 1.746 | - |
| | TCB 292 | 17.05 | * | no | | | | | | | | | |
| 51 PCB 57 | 290 | NotFnd | * | * | * | | | | 0.001 | | no | 1.738 | - |
| | TCB 292 | 17.33 | * | no | | | | | | | | | |
| 52 PCB 58 | 290 | NotFnd | * | * | * | | | | 0.001 | | no | 1.616 | - |
| | TCB 292 | 17.47 | * | no | | | | | | | | | |
| 53 PCB 67 | 290 | NotFnd | * | * | * | | | | 0.001 | | no | 1.834 | - |
| | TCB 292 | 17.58 | * | no | | | | | | | | | |
| 54 PCB 63 | 290 | NotFnd | * | * | * | | | | 0.001 | | no | 1.818 | - |
| | TCB 292 | 17.76 | * | no | | | | | | | | | |
| 55 PCB 61/70/74/76 | 290 | 17.97 | 5373 | 0.72 | 12804 | 0.029491 | | | 0.001 | 90 | no | 1.602 | - |
| | TCB 292 | 17.98 | 7432 | yes | | | | | | 49 | | | |
| 56 PCB 66 | 290 | 18.19 | 2872 | 0.74 | 6771 | 0.013699 | | | 0.001 | 62 | no | 1.823 | - |
| | TCB 292 | 18.18 | 3899 | yes | | | | | | 32 | | | |
| 57 PCB 55 | 290 | NotFnd | * | * | * | | | | 0.001 | | no | 1.472 | - |
| | TCB 292 | 18.31 | * | no | | | | | | | | | |
| 58 PCB 56 | 290 | NotFnd | * | * | * | | | | 0.001 | | no | 1.511 | - |
| | TCB 292 | 18.67 | * | no | | | | | | | | | |
| 59 PCB 60 | 290 | NotFnd | * | * | * | | | | 0.001 | | no | 1.492 | - |
| | TCB 292 | 18.81 | * | no | | | | | | | | | |
| 60 PCB 80 | 290 | NotFnd | * | * | * | | | | 0.001 | | no | 1.981 | - |
| | TCB 292 | 19.06 | * | no | | | | | | | | | |
| 61 PCB 79 | 290 | NotFnd | * | * | * | | | | 0.001 | | no | 1.963 | - |
| | TCB 292 | 20.17 | * | no | | | | | | | | | |
| 62 PCB 78 | 290 | NotFnd | * | * | * | | | | 0.001 | | no | 1.718 | - |
| | TCB 292 | 20.64 | * | no | | | | | | | | | |
| 63 PCB 81 | 290 | 20.97 | 16429 | 0.76 | 38166 | 0.101165 | | | 0.001 | 339 | no | 1.167 | - |
| | TCB 292 | 20.95 | 21736 | yes | | | | | | 176 | | | |
| 64 PCB 77 | 290 | 21.39 | 16102 | 0.71 | 38813 | 0.097383 | | | 0.001 | 323 | no | 1.216 | - |
| | TCB 292 | 21.40 | 22711 | yes | | | | | | 179 | | | |
| 65 PCB 104 | 326 | 15.63 | 11901 | 1.58 | 19457 | 0.094355 | | | 0 | 1617 | no | 1.188 | - |
| | PeCB 328 | 15.63 | 7556 | yes | | | | | | 346 | | | |
| 66 PCB 96 | 326 | NotFnd | * | * | * | | | | 0 | | no | 0.728 | - |
| | PeCB 328 | 15.88 | * | no | | | | | | | | | |
| 67 PCB 103 | 326 | NotFnd | * | * | * | | | | 0.001 | | no | 0.797 | - |
| | PeCB 328 | 16.99 | * | no | | | | | | | | | |
| 68 PCB 94 | 326 | NotFnd | * | * | * | | | | 0.001 | | no | 0.582 | - |
| | PeCB 328 | 17.11 | * | no | | | | | | | | | |
| 69 PCB 95 | 326 | 17.40 | 4967 | 1.45 | 8396 | 0.041428 | | | 0.001 | 218 | no | 0.71 | - |
| | PeCB 328 | 17.41 | 3430 | yes | | | | | | 180 | | | |
| 70 PCB 100/93/102/98 | 326 | NotFnd | * | * | * | | | | 0.001 | | no | 0.646 | - |
| | PeCB 328 | 17.57 | * | no | | | | | | | | | |
| 71 PCB 88/91 | 326 | NotFnd | * | * | * | | | | 0.001 | | no | 0.663 | - |
| | PeCB 328 | 17.96 | * | no | | | | | | | | | |
| 72 PCB 84 | 326 | NotFnd | * | * | * | | | | 0.001 | | no | 0.587 | - |
| | PeCB 328 | 18.14 | * | no | | | | | | | | | |
| 73 PCB 89 | 326 | NotFnd | * | * | * | | | | 0.001 | | no | 0.661 | - |
| | PeCB 328 | 18.47 | * | no | | | | | | | | | |
| 74 PCB 121 | 326 | NotFnd | * | * | * | | | | 0.001 | | no | 0.874 | - |
| | PeCB 328 | 18.71 | * | no | | | | | | | | | |
| 75 PCB 92 | 326 | 18.95 | 2263 | 1.64 | 3643 | 0.018756 | | | 0.001 | 96 | no | 0.681 | - |
| | PeCB 328 | 18.97 | 1380 | yes | | | | | | 71 | | | |
| 76 PCB 113/90/101 | 326 | 19.38 | 11043 | 1.45 | 18642 | 0.085494 | | | 0.001 | 428 | no | 0.764 | - |
| | PeCB 328 | 19.36 | 7599 | yes | | | | | | 360 | | | |
| 77 PCB 83/99 | 326 | 19.81 | 8434 | 1.44 | 14300 | 0.076406 | | | 0.001 | 313 | no | 0.656 | - |
| | PeCB 328 | 19.82 | 5865 | yes | | | | | | 266 | | | |
| 78 PCB 112 | 326 | NotFnd | * | * | * | | | | 0.001 | | no | 0.885 | - |
| | PeCB 328 | 19.91 | * | no | | | | | | | | | |
| 79 PCB 109/119/86/97/125/326 | 326 | 20.18 | 1520 | 0.56 | 4215 | 0.019228 | | | 0.001 | 72 | no | 0.768 | - |
| | PeCB 328 | 20.19 | 2695 | no | | | | | | | | | |
| 80 PCB 117/116/85 | 326 | 20.75 | 1554 | 1.28 | 2765 | 0.011986 | | | 0.001 | 77 | no | 0.808 | - |
| | PeCB 328 | 20.77 | 1211 | no | | | | | | 50 | | | |
| 81 PCB 110/115 | 326 | 20.86 | 6641 | 1.45 | 11216 | 0.049509 | | | 0.001 | 41 | no | 0.794 | - |
| | PeCB 328 | 20.86 | 4575 | yes | | | | | | 250 | | | |
| 82 PCB 82 | 326 | NotFnd | * | * | * | | | | 0.001 | 209 | no | 0.585 | - |
| | PeCB 328 | 21.13 | * | no | | | | | | | | | |
| 83 PCB 111 | 326 | NotFnd | * | * | * | | | | 0.001 | | no | 0.845 | - |
| | PeCB 328 | 21.42 | * | no | | | | | | | | | |
| 84 PCB 120 | 326 | NotFnd | * | * | * | | | | 0.001 | | no | 0.979 | - |
| | PeCB 328 | 21.78 | * | no | | | | | | | | | |
| 85 PCB 108/124 | 326 | NotFnd | * | * | * | | | | 0.001 | | no | 1.406 | - |
| | PeCB 328 | 22.72 | * | no | | | | | | | | | |
| 86 PCB 107 | 326 | NotFnd | * | * | * | | | | 0.001 | | no | 1.584 | - |
| | PeCB 328 | 22.93 | * | no | | | | | | | | | |
| 87 PCB 123 | 326 | 23.01 | 22407 | 2.01 | 33537 | 0.106541 | | | 0.001 | 409 | no | 0.947 | - |
| | PeCB 328 | 23.02 | 11130 | no | | | | | | 175 | | | |
| 88 PCB 106 | 326 | NotFnd | * | * | * | | | | 0.001 | | no | 1.425 | - |
| | PeCB 328 | 23.14 | * | no | | | | | | | | | |
| 89 PCB 118 | 326 | 23.30 | 33328 | 1.62 | 53908 | 0.160308 | | | 0.001 | 645 | no | 1.042 | - |
| | PeCB 328 | 23.32 | 20580 | yes | | | | | | 298 | | | |

| | | | | | | | | | | |
|---------------------|----------|--------|-------|------|-------|----------|----------|-----|-------|-------|
| 90 PCB 122 | 326 | NotFnd | * | * | * | | 0.001 | no | 1.379 | - |
| | PeCB 328 | 23.57 | * | no | | | | | | |
| 91 PCB 114 | 326 | 23.76 | 21818 | 1.54 | 35974 | 0.111817 | 0.001 | 422 | no | 1.076 |
| | PeCB 328 | 23.77 | 14156 | yes | | | | 206 | | |
| 92 PCB 105 | 326 | 24.32 | 23710 | 1.4 | 40676 | 0.130671 | 0.001 | 461 | no | 1.04 |
| | PeCB 328 | 24.35 | 16966 | yes | | | | 240 | | |
| 93 PCB 127 | 326 | NotFnd | * | * | * | | 0.001 | no | 1.489 | - |
| | PeCB 328 | 25.66 | * | no | | | | | | |
| 94 PCB 126 | 326 | 27.14 | 20350 | 1.52 | 33773 | 0.111703 | 0.001 | 365 | no | 1.037 |
| | PeCB 328 | 27.15 | 13423 | yes | | | | 171 | | |
| 95 PCB 155 | 360 | 19.23 | 11758 | 1.31 | 20745 | 0.089867 | 0.001 | 805 | no | 1.079 |
| | HxCB 362 | 19.23 | 8987 | yes | | | | 286 | | |
| 96 PCB 152 | 360 | NotFnd | * | * | * | | 0.001 | no | 0.762 | - |
| | HxCB 362 | 19.38 | * | no | | | | | | |
| 97 PCB 150 | 360 | NotFnd | * | * | * | | 0.001 | no | 0.629 | - |
| | HxCB 362 | 19.50 | * | no | | | | | | |
| 98 PCB 136 | 360 | NotFnd | * | * | * | | 0.001 | no | 0.715 | - |
| | HxCB 362 | 19.77 | * | no | | | | | | |
| 99 PCB 145 | 360 | NotFnd | * | * | * | | 0.001 | no | 0.632 | - |
| | HxCB 362 | 20.00 | * | no | | | | | | |
| 100 PCB 148 | 360 | NotFnd | * | * | * | | 0.001 | no | 0.536 | - |
| | HxCB 362 | 21.09 | * | no | | | | | | |
| 101 PCB 151/135 | 360 | 21.58 | 2470 | 1.17 | 4576 | 0.033483 | 0.001 | 126 | no | 0.493 |
| | HxCB 362 | 21.59 | 2106 | yes | | | | 48 | | |
| 102 PCB 154 | 360 | NotFnd | * | * | * | | 0.001 | no | 0.594 | - |
| | HxCB 362 | 21.78 | * | no | | | | | | |
| 103 PCB 144 | 360 | NotFnd | * | * | * | | 0.001 | no | 0.54 | - |
| | HxCB 362 | 22.03 | * | no | | | | | | |
| 104 PCB 147/149 | 360 | NotFnd | * | * | * | | 0.002 | no | 0.694 | - |
| | HxCB 362 | 22.34 | * | no | | | | | | |
| 105 PCB 134/143 | 360 | NotFnd | * | * | * | | 0.003 | no | 0.626 | - |
| | HxCB 362 | 22.59 | * | no | | | | | | |
| 106 PCB 139/140 | 360 | NotFnd | * | * | * | | 0.002 | no | 0.727 | - |
| | HxCB 362 | 22.84 | * | no | | | | | | |
| 107 PCB 131 | 360 | NotFnd | * | * | * | | 0.003 | no | 0.588 | - |
| | HxCB 362 | 23.01 | * | no | | | | | | |
| 108 PCB 142 | 360 | NotFnd | * | * | * | | 0.002 | no | 0.665 | - |
| | HxCB 362 | 23.17 | * | no | | | | | | |
| 109 PCB 132 | 360 | NotFnd | * | * | * | | 0.003 | no | 0.588 | - |
| | HxCB 362 | 23.42 | * | no | | | | | | |
| 110 PCB 133 | 360 | NotFnd | * | * | * | | 0.002 | no | 0.691 | - |
| | HxCB 362 | 23.80 | * | no | | | | | | |
| 111 PCB 165 | 360 | NotFnd | * | * | * | | 0.002 | no | 0.799 | - |
| | HxCB 362 | 24.15 | * | no | | | | | | |
| 112 PCB 146 | 360 | NotFnd | * | * | * | | 0.002 | no | 0.771 | - |
| | HxCB 362 | 24.36 | * | no | | | | | | |
| 113 PCB 161 | 360 | NotFnd | * | * | * | | 0.002 | no | 0.951 | - |
| | HxCB 362 | 24.50 | * | no | | | | | | |
| 114 PCB 153/168 | 360 | NotFnd | * | * | * | | 0.002 | no | 0.846 | - |
| | HxCB 362 | 24.93 | * | no | | | | | | |
| 115 PCB 141 | 360 | NotFnd | * | * | * | | 0.002 | no | 0.667 | - |
| | HxCB 362 | 25.08 | * | no | | | | | | |
| 116 PCB 130 | 360 | NotFnd | * | * | * | | 0.002 | no | 0.628 | - |
| | HxCB 362 | 25.46 | * | no | | | | | | |
| 117 PCB 137 | 360 | NotFnd | * | * | * | | 0.002 | no | 0.636 | - |
| | HxCB 362 | 25.69 | * | no | | | | | | |
| 118 PCB 164 | 360 | NotFnd | * | * | * | | 0.002 | no | 0.873 | - |
| | HxCB 362 | 25.77 | * | no | | | | | | |
| 119 PCB 138/163/129 | 360 | 26.07 | 12395 | 1.23 | 22507 | 0.113204 | 0.002 | 192 | no | 0.718 |
| | HxCB 362 | 26.06 | 10111 | yes | | | | 168 | | |
| 120 PCB 160 | 360 | NotFnd | * | * | * | | 0.002 | no | 0.762 | - |
| | HxCB 362 | 26.21 | * | no | | | | | | |
| 121 PCB 158 | 360 | NotFnd | * | * | * | | 0.002 | no | 0.947 | - |
| | HxCB 362 | 26.41 | * | no | | | | | | |
| 122 PCB 128/166 | 360 | NotFnd | * | * | * | | 0.002 | no | 0.765 | - |
| | HxCB 362 | 27.25 | * | no | | | | | | |
| 123 PCB 159 | 360 | NotFnd | * | * | * | | 0.001 | no | 1.417 | - |
| | HxCB 362 | 28.20 | * | no | | | | | | |
| 124 PCB 162 | 360 | NotFnd | * | * | * | | 0.001 | no | 1.28 | - |
| | HxCB 362 | 28.46 | * | no | | | | | | |
| 125 PCB 167 | 360 | 28.96 | 20894 | 1.18 | 38657 | 0.117907 | 0.001 | 571 | no | 0.951 |
| | HxCB 362 | 28.96 | 17762 | yes | | | | 529 | | |
| 126 PCB 156/157 | 360 | 30.12 | 38256 | 1.12 | 72394 | 0.224193 | 0.001 | 836 | no | 1.036 |
| | HxCB 362 | 30.11 | 34138 | yes | | | | 822 | | |
| 127 PCB 169 | 360 | 33.48 | 13427 | 1.2 | 24635 | 0.106346 | 0.001 | 341 | no | 0.973 |
| | HxCB 362 | 33.48 | 11208 | yes | | | | 324 | | |
| 128 PCB 188 | 394 | 23.74 | 10731 | 0.99 | 21586 | 0.101695 | -0.00569 | 43 | no | 1.053 |
| | HpCB 396 | 23.73 | 10855 | yes | | | | 47 | | |
| 129 PCB 179 | 394 | NotFnd | * | * | * | -0.00589 | -0.00589 | * | no | 1.017 |
| | HpCB 396 | 24.02 | * | no | | | | * | | |
| 130 PCB 184 | 394 | NotFnd | * | * | * | -0.00628 | -0.00628 | * | no | 0.955 |
| | HpCB 396 | 24.49 | * | no | | | | * | | |
| 131 PCB 176 | 394 | NotFnd | * | * | * | -0.00611 | -0.00611 | * | no | 0.981 |
| | HpCB 396 | 24.80 | * | no | | | | * | | |
| 132 PCB 186 | 394 | NotFnd | * | * | * | -0.00699 | -0.00699 | * | no | 0.858 |
| | HpCB 396 | 25.23 | * | no | | | | * | | |
| 133 PCB 178 | 394 | NotFnd | * | * | * | -0.00864 | -0.00864 | * | no | 0.694 |
| | HpCB 396 | 26.48 | * | no | | | | * | | |
| 134 PCB 175 | 394 | NotFnd | * | * | * | -0.00813 | -0.00813 | * | no | 0.737 |
| | HpCB 396 | 27.08 | * | no | | | | * | | |
| 135 PCB 187 | 394 | 27.34 | 10840 | 0.99 | 21844 | 0.135264 | -0.00861 | 42 | no | 0.696 |
| | HpCB 396 | 27.31 | 11004 | yes | | | | 45 | | |
| 136 PCB 182 | 394 | 27.55 | 8526 | 1.21 | 15597 | 0.091958 | -0.0082 | 33 | no | 0.731 |
| | HpCB 396 | 27.53 | 7072 | yes | | | | 28 | | |

| | | | | | | | | | | | |
|-------------------|----------|--------|-------|------|--------|----------|----------|------|----|-------|-----|
| 137 PCB 183 | 394 | NotFnd | * | * | * | -0.0059 | -0.0059 | * | no | 1.038 | - |
| | HpCB 396 | 27.92 | * | no | * | | | * | | | |
| 138 PCB 185 | 394 | NotFnd | * | * | * | -0.00683 | -0.00683 | * | no | 0.896 | - |
| | HpCB 396 | 28.04 | * | no | * | | | * | | | |
| 139 PCB 174 | 394 | NotFnd | * | * | * | -0.007 | -0.007 | * | no | 0.874 | - |
| | HpCB 396 | 28.14 | * | no | * | | | * | | | |
| 140 PCB 177 | 394 | NotFnd | * | * | * | -0.00676 | -0.00676 | * | no | 0.905 | - |
| | HpCB 396 | 28.58 | * | no | * | | | * | | | |
| 141 PCB 181 | 394 | NotFnd | * | * | * | -0.00709 | -0.00709 | * | no | 0.864 | - |
| | HpCB 396 | 28.99 | * | no | * | | | * | | | |
| 142 PCB 171/173 | 394 | NotFnd | * | * | * | -0.00679 | -0.00679 | * | no | 0.902 | - |
| | HpCB 396 | 29.21 | * | no | * | | | * | | | |
| 143 PCB 172 | 394 | NotFnd | * | * | * | -0.00688 | -0.00688 | * | no | 0.89 | - |
| | HpCB 396 | 30.85 | * | no | * | | | * | | | |
| 144 PCB 192 | 394 | NotFnd | * | * | * | -0.00604 | -0.00604 | * | no | 1.014 | - |
| | HpCB 396 | 31.16 | * | no | * | | | * | | | |
| 145 PCB 193/180 | 394 | 31.54 | 11279 | 1.04 | 22117 | 0.09173 | -0.00486 | 43 | no | 1.26 | - |
| | HpCB 396 | 31.61 | 10838 | yes | * | | | 44 | | | |
| 146 PCB 191 | 394 | NotFnd | * | * | * | -0.00504 | -0.00504 | * | no | 1.214 | - |
| | HpCB 396 | 31.89 | * | no | * | | | * | | | |
| 147 PCB 170 | 394 | 32.85 | 9591 | 1.04 | 18825 | 0.090856 | -0.00508 | 36 | no | 1.206 | - |
| | HpCB 396 | 32.85 | 9234 | yes | * | | | 38 | | | |
| 148 PCB 190 | 394 | NotFnd | * | * | * | -0.00533 | -0.00533 | * | no | 1.148 | - |
| | HpCB 396 | 33.41 | * | no | * | | | * | | | |
| 149 PCB 189 | 394 | 36.23 | 16032 | 0.93 | 33295 | 0.100561 | -0.00546 | 43 | no | 0.91 | - |
| | HpCB 396 | 36.24 | 17263 | yes | * | | | 50 | | | |
| 150 PCB 202 | 428 | 28.72 | 9333 | 0.92 | 19515 | 0.092589 | -0.00455 | 61 | no | 1.08 | - |
| | OcCB 430 | 28.72 | 10182 | yes | * | | | 53 | | | |
| 151 PCB 201 | 428 | NotFnd | * | * | * | -0.00445 | -0.00445 | * | no | 1.104 | - |
| | OcCB 430 | 29.64 | * | no | * | | | * | | | |
| 152 PCB 204 | 428 | NotFnd | * | * | * | -0.00448 | -0.00448 | * | no | 1.098 | - |
| | OcCB 430 | 30.33 | * | no | * | | | * | | | |
| 153 PCB 197 | 428 | NotFnd | * | * | * | -0.00513 | -0.00513 | * | no | 0.959 | - |
| | OcCB 430 | 30.55 | * | no | * | | | * | | | |
| 154 PCB 200 | 428 | NotFnd | * | * | * | -0.00437 | -0.00437 | * | no | 1.126 | - |
| | OcCB 430 | 30.64 | * | no | * | | | * | | | |
| 155 PCB 198/199 | 428 | NotFnd | * | * | * | -0.0067 | -0.0067 | * | no | 0.734 | - |
| | OcCB 430 | 33.57 | * | no | * | | | * | | | |
| 156 PCB 196 | 428 | NotFnd | * | * | * | -0.00638 | -0.00638 | * | no | 0.771 | - |
| | OcCB 430 | 34.31 | * | no | * | | | * | | | |
| 157 PCB 203 | 428 | NotFnd | * | * | * | -0.00682 | -0.00682 | * | no | 0.721 | - |
| | OcCB 430 | 34.54 | * | no | * | | | * | | | |
| 158 PCB 195 | 428 | NotFnd | * | * | * | -0.00432 | -0.00432 | * | no | 0.97 | - |
| | OcCB 430 | 35.95 | * | no | * | | | * | | | |
| 159 PCB 194 | 428 | NotFnd | * | * | * | -0.00405 | -0.00405 | * | no | 1.035 | - |
| | OcCB 430 | 38.56 | * | no | * | | | * | | | |
| 160 PCB 205 | 428 | 39.09 | 10964 | 0.93 | 22698 | 0.096764 | -0.00391 | 62 | no | 1.071 | - |
| | OcCB 430 | 39.11 | 11735 | yes | * | | | 60 | | | |
| 161 PCB 208 | 462 | 35.69 | 8447 | 0.82 | 18765 | 0.096357 | 0.002 | 222 | no | 1.082 | - |
| | NoCB 464 | 35.71 | 10319 | yes | * | | | 112 | | | |
| 162 PCB 207 | 462 | NotFnd | * | * | * | | | * | no | 1.338 | - |
| | NoCB 464 | 36.71 | * | no | * | | | * | | | |
| 163 PCB 206 | 462 | 41.09 | 5820 | 0.75 | 13606 | 0.092113 | 0.003 | 148 | no | 1.077 | - |
| | NoCB 464 | 41.05 | 7786 | yes | * | | | 83 | | | |
| 164 PCB 209 | 498 | 42.94 | 6886 | 1.2 | 12637 | 0.084797 | 0.001 | 425 | no | 1.024 | - |
| | DCB 500 | 42.96 | 5751 | yes | * | | | 359 | | | |
| 165 PCB 1L | 200 | 8.83 | 32775 | 3.15 | 43167 | 0.115795 | 0.003 | 601 | no | 0.821 | 58 |
| | 202 | 8.83 | 10392 | yes | * | | | 60 | | | |
| 166 PCB 3L | 200 | 10.01 | 34793 | 3.02 | 46335 | 0.12332 | 0.003 | 648 | no | 0.828 | 62 |
| | 202 | 10.01 | 11542 | yes | * | | | 66 | | | |
| 167 PCB 4L | 234 | 10.12 | 12860 | 1.54 | 21201 | 0.165879 | 0.008 | 71 | no | 0.282 | 83 |
| | 236 | 10.13 | 8341 | yes | * | | | 136 | | | |
| 168 PCB 15L | 234 | 12.71 | 50808 | 1.74 | 80072 | 0.165819 | 0.004 | 89 | no | 1.064 | 83 |
| | 236 | 12.70 | 29264 | yes | * | | | 361 | | | |
| 169 PCB 19L | 268 | 11.49 | 15348 | 0.86 | 33111 | 0.211305 | 0.035 | 27 | no | 0.345 | 106 |
| | 270 | 11.49 | 17762 | no | * | | | 10 | | | |
| 170 PCB 37L | 268 | 16.34 | 47603 | 1.04 | 93383 | 0.180868 | 0.011 | 59 | no | 2.614 | 91 |
| | 270 | 16.34 | 45780 | yes | * | | | 37 | | | |
| 171 PCB 54L | 302 | 12.83 | 14548 | 0.82 | 32258 | 0.215441 | 0.005 | 70 | no | 0.758 | 108 |
| | 304 | 12.85 | 17710 | yes | * | | | 243 | | | |
| 172 PCB 81L | 302 | 20.95 | 28545 | 0.8 | 64343 | 0.173642 | 0.002 | 160 | no | 1.876 | 87 |
| | 304 | 20.95 | 35798 | yes | * | | | 326 | | | |
| 173 PCB 77L | 302 | 21.38 | 29266 | 0.81 | 65235 | 0.183601 | 0.002 | 155 | no | 1.799 | 92 |
| | 304 | 21.39 | 35969 | yes | * | | | 319 | | | |
| 174 PCB 104L | 338 | 15.61 | 20420 | 1.45 | 34555 | 0.213093 | 0.001 | 939 | no | 0.967 | 107 |
| | 340 | 15.61 | 14134 | yes | * | | | 1318 | | | |
| 175 PCB 123L | 338 | 23.00 | 40972 | 1.63 | 66118 | 0.171882 | 0.001 | 824 | no | 2.293 | 86 |
| | 340 | 23.00 | 25145 | yes | * | | | 543 | | | |
| 176 PCB 118L | 338 | 23.27 | 39603 | 1.61 | 64222 | 0.17378 | 0.001 | 801 | no | 2.203 | 87 |
| | 340 | 23.30 | 24619 | yes | * | | | 512 | | | |
| 177 PCB 114L | 338 | 23.74 | 37484 | 1.7 | 59518 | 0.173147 | 0.001 | 744 | no | 2.049 | 87 |
| | 340 | 23.74 | 22034 | yes | * | | | 451 | | | |
| 178 PCB 105L | 338 | 24.30 | 36069 | 1.54 | 59549 | 0.167935 | 0.001 | 684 | no | 2.114 | 84 |
| | 340 | 24.32 | 23480 | yes | * | | | 475 | | | |
| 179 PCB 126L | 338 | 27.12 | 35978 | 1.63 | 58033 | 0.166578 | 0.001 | 670 | no | 2.077 | 84 |
| | 340 | 27.13 | 22055 | yes | * | | | 440 | | | |
| 180 PCB 155L | 372 | 19.21 | 23144 | 1.19 | 42568 | 0.234595 | 0.001 | 2112 | no | 1.056 | 118 |
| | 374 | 19.19 | 19424 | yes | * | | | 1061 | | | |
| 181 PCB 167L | 372 | 28.93 | 39402 | 1.35 | 68603 | 0.176043 | 0.001 | 894 | no | 2.269 | 88 |
| | 374 | 28.93 | 29201 | yes | * | | | 617 | | | |
| 182 PCB 156L/157L | 372 | 30.08 | 71348 | 1.35 | 124074 | 0.348149 | 0.001 | 1224 | no | 2.075 | 87 |
| | 374 | 30.07 | 52726 | yes | * | | | 891 | | | |
| 183 PCB 169L | 372 | 33.44 | 27194 | 1.35 | 47370 | 0.128713 | 0.001 | 555 | no | 2.142 | 65 |
| | 374 | 33.43 | 20176 | yes | * | | | 391 | | | |

| | | | | | | | | | | | |
|-----------------------|-----|--------|--------|------|----------|----------|-------|----------|----|-------|-----|
| 184 PCB 188L | 406 | 23.71 | 21356 | 1.14 | 40102 | 0.211574 | 0.001 | 554 | no | 1.103 | 106 |
| | 408 | 23.72 | 18747 | yes | | | | 551 | | | |
| 185 PCB 180L | 406 | 31.51 | 19776 | 1.08 | 38079 | 0.199286 | 0.001 | 366 | no | 1.219 | 100 |
| | 408 | 31.52 | 18304 | yes | | | | 862 | | | |
| 186 PCB 170L | 406 | 32.81 | 17722 | 1.08 | 34203 | 0.199723 | 0.001 | 353 | no | 1.093 | 100 |
| | 408 | 32.80 | 16481 | yes | | | | 794 | | | |
| 187 PCB 189L | 406 | 36.21 | 38008 | 1.11 | 72378 | 0.190614 | 0.001 | 314 | no | 2.422 | 96 |
| | 408 | 36.19 | 34370 | yes | | | | 600 | | | |
| 188 PCB 202L | 440 | 28.69 | 18126 | 0.88 | 38851 | 0.208245 | 0 | 2021 | no | 1.19 | 105 |
| | 442 | 28.71 | 20725 | yes | | | | 1509 | | | |
| 189 PCB 205L | 440 | 39.07 | 20792 | 0.91 | 43585 | 0.188185 | 0.001 | 769 | no | 1.478 | 95 |
| | 442 | 39.04 | 22793 | yes | | | | 520 | | | |
| 190 PCB 208L | 474 | 35.67 | 16084 | 0.81 | 35822 | 0.197157 | 0.001 | 323 | no | 1.159 | 99 |
| | 476 | 35.69 | 19738 | yes | | | | 519 | | | |
| 191 PCB 206L | 474 | 41.05 | 12211 | 0.81 | 27295 | 0.213896 | 0.002 | 244 | no | 0.814 | 107 |
| | 476 | 41.04 | 15084 | yes | | | | 379 | | | |
| 192 PCB 209L | 510 | 42.92 | 15494 | 1.15 | 28963 | 0.244831 | 0.001 | 1413 | no | 0.755 | 123 |
| | 512 | 42.89 | 13470 | yes | | | | 1141 | | | |
| 193 PCB 28L | 268 | 14.13 | 50775 | 1.16 | 94704 | 0.172459 | 0.01 | 70 | no | 2.78 | 87 |
| PCB Cleanup Standard | 270 | 14.13 | 43929 | yes | | | | 39 | | | |
| 194 PCB 111L | 338 | 21.38 | 28920 | 1.67 | 46204 | 0.206754 | 0.001 | 1195 | no | 1.332 | 104 |
| PCB Cleanup Standard | 340 | 21.40 | 17284 | yes | | | | 661 | | | |
| 195 PCB 178L | 406 | 26.46 | 13178 | 0.97 | 26782 | 0.239679 | 0.002 | 333 | no | 0.65 | 120 |
| PCB Cleanup Standard | 408 | 26.45 | 13604 | yes | | | | 399 | | | |
| 196 PCB 31L | 268 | NotFnd | * | * | * | | 0.01 | | no | 2.775 | |
| PCB Audit Standard | 270 | 13.98 | * | no | | | | | | | |
| 197 PCB 95L | 338 | NotFnd | * | * | * | | 0.001 | | no | 0.967 | |
| PCB Audit Standard | 340 | 17.39 | * | no | | | | | | | |
| 198 PCB 153L | 372 | NotFnd | * | * | * | | 0.001 | | no | 1.191 | |
| PCB Audit Standard | 374 | 24.92 | * | no | | | | | | | |
| 199 PCB 9L | 234 | 11.01 | 284653 | 1.7 | 451657 | 1.067834 | - | 536 | no | - | - |
| PCB Recovery Standard | 236 | 11.01 | 167004 | yes | | | | 2227 | | | |
| 200 PCB 52L | 302 | 15.06 | 86335 | 0.78 | 196568 | 1.046679 | - | 541 | no | - | - |
| PCB Recovery Standard | 304 | 15.06 | 110233 | yes | | | | 1433 | | | |
| 201 PCB 101L | 338 | 19.36 | 104588 | 1.68 | 166935 | 1.055018 | - | 4656 | no | - | - |
| PCB Recovery Standard | 340 | 19.36 | 62346 | yes | | | | 2399 | | | |
| 202 PCB 138L | 372 | 26.04 | 97380 | 1.32 | 170931 | 1.02705 | - | 5354 | no | - | - |
| PCB Recovery Standard | 374 | 26.05 | 73551 | yes | | | | 2470 | | | |
| 203 PCB 194L | 440 | 38.54 | 74381 | 0.91 | 155971 | 1.063484 | - | 2944 | no | - | - |
| PCB Recovery Standard | 442 | 38.56 | 81590 | yes | | | | 1832 | | | |
| Chlorobiphenyls | | | | | 0.202471 | | 2 | -0.001 | | | |
| Dichlorobiphenyls | | | | | 0.091565 | | 1 | -0.022 | | | |
| Trichlorobiphenyls | | | | | 0.356118 | | 6 | -0.005 | | | |
| Tetrachlorobiphenyls | | | | | 0.416313 | | 8 | -0.002 | | | |
| Pentachlorobiphenyls | | | | | 1.018202 | | 13 | -0.001 | | | |
| Hexachlorobiphenyls | | | | | 0.685 | | 6 | -0.003 | | | |
| Heptachlorobiphenyls | | | | | 0.612064 | | 6 | -0.00864 | | | |
| Octachlorobiphenyls | | | | | 0.189353 | | 2 | -0.00682 | | | |
| Nonachlorobiphenyls | | | | | 0.18847 | | 2 | -0.003 | | | |
| Decachlorobiphenyl | | | | | 0.084797 | | 1 | -0.001 | | | |
| PCB (total) | | | | | 3.843353 | | | | | | |

Quantify Sample Report

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Calibration: C:\MassLynx\Default.PRO\CurveDB\m2161207A_209.cdb 08 Dec 2016 13:35:56

ID: WS#4779396/4767897, TI, DIS272

Description: MATSPK% DILX5

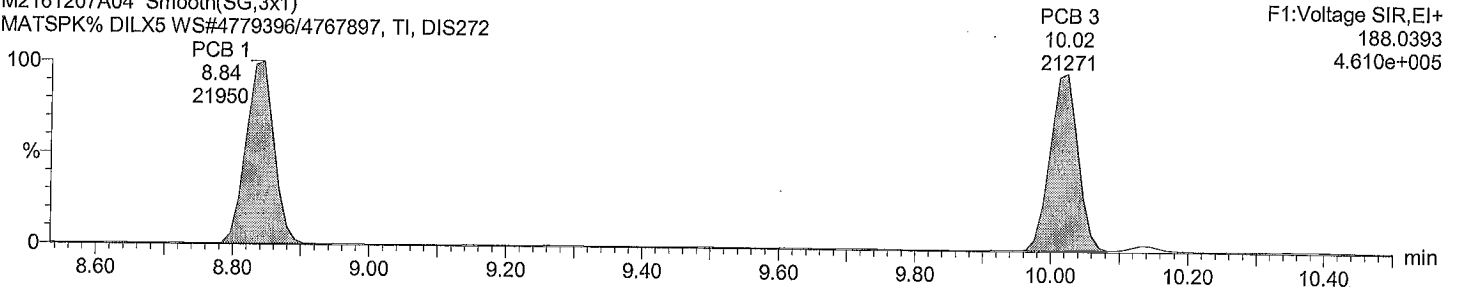
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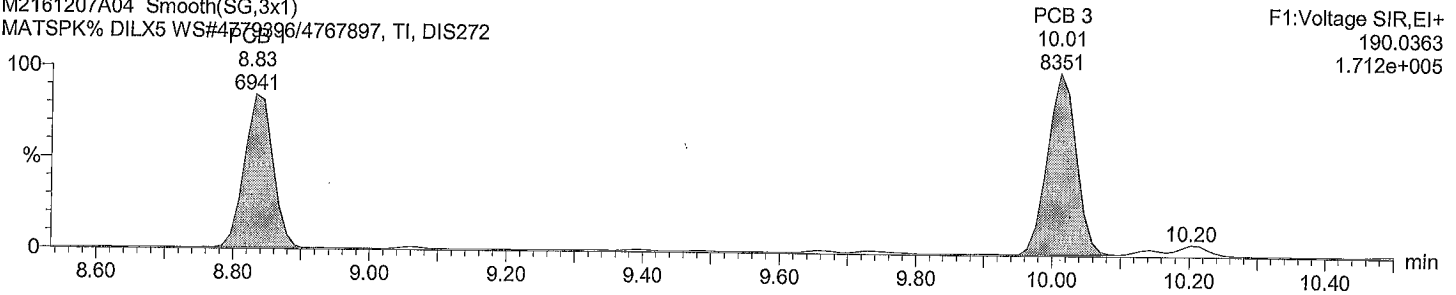
Total MoCB F1

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MATSPK% DILX5 WS#4779396/4767897, TI, DIS272



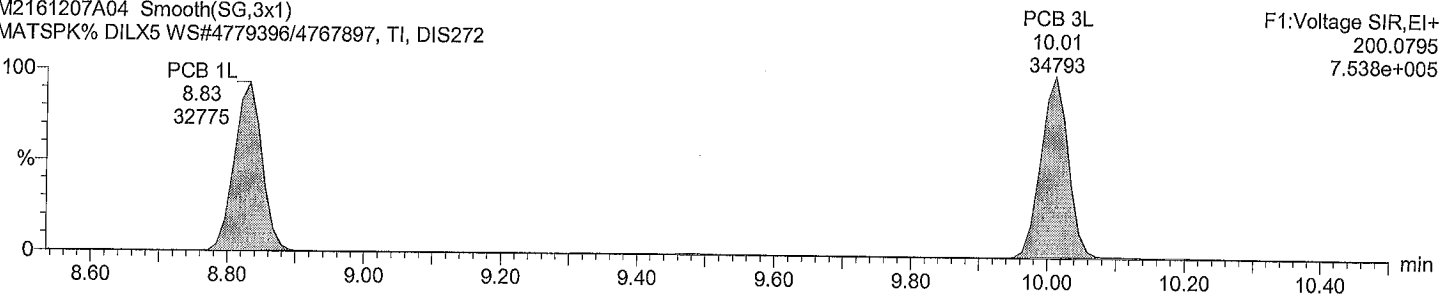
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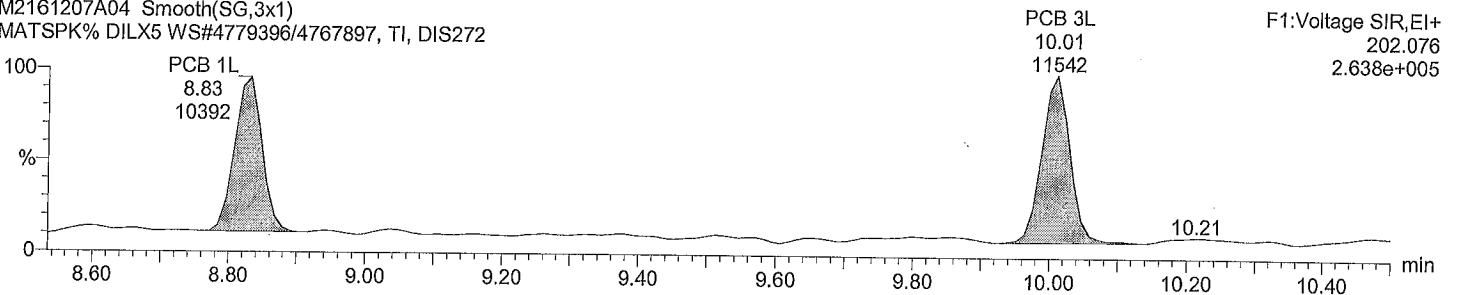
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M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272



Total MoCB labeled F1

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272



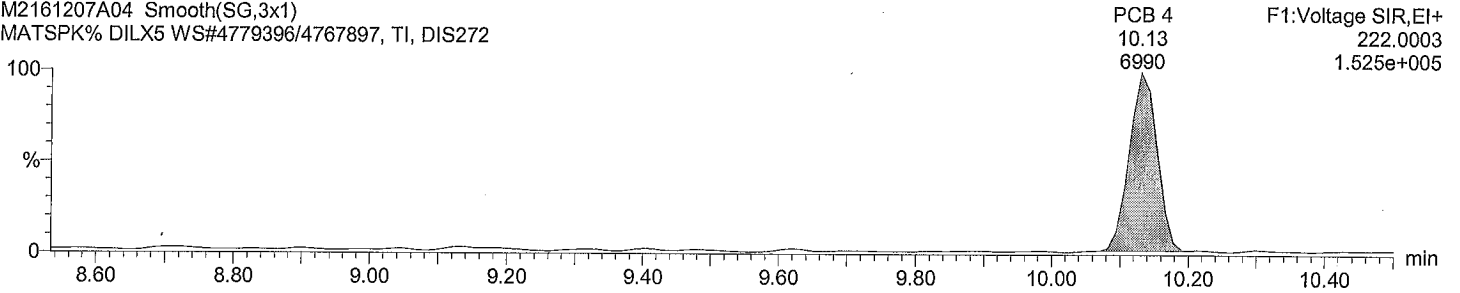
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Vial: 5
Date: 07-Dec-2016
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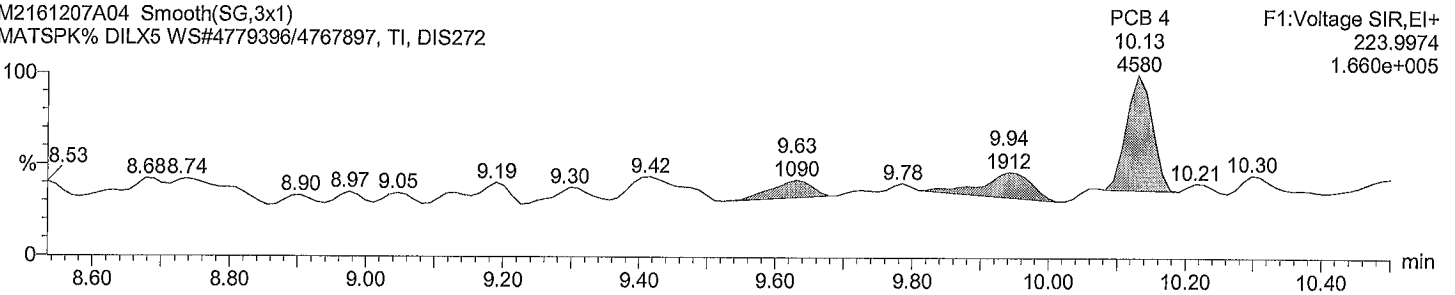
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MATSPK% DILX5 WS#4779396/4767897, TI, DIS272



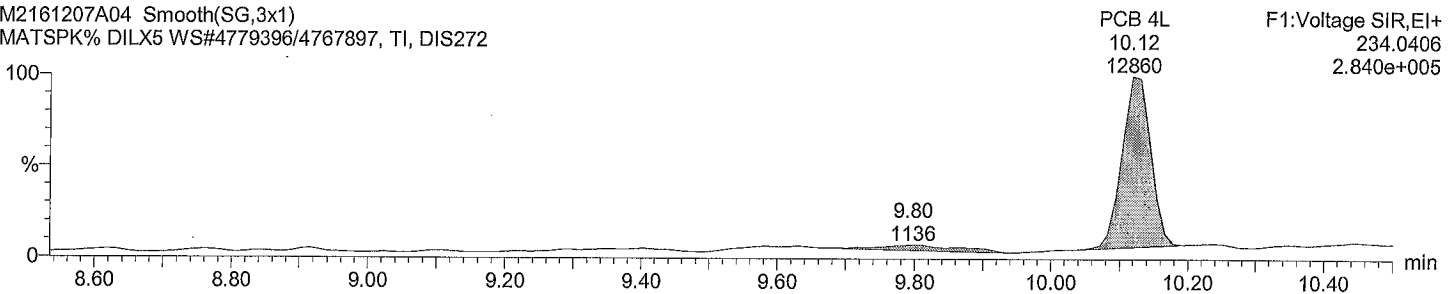
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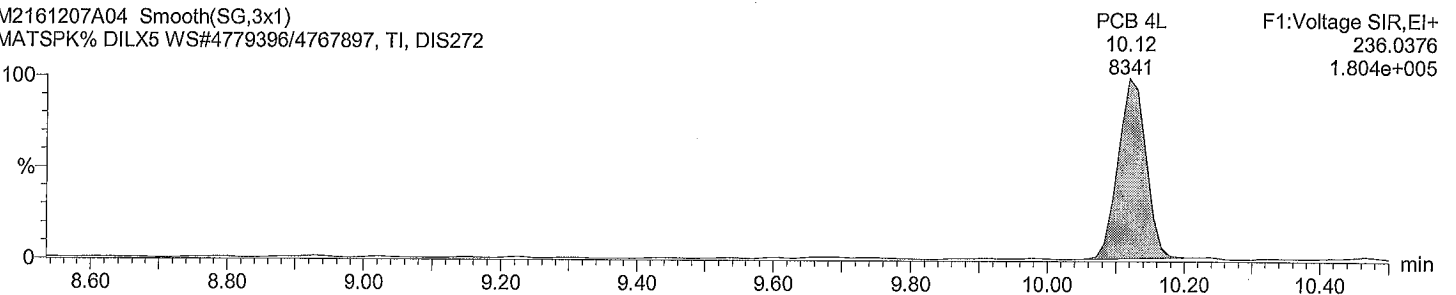
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MATSPK% DILX5 WS#4779396/4767897, TI, DIS272



Total DiCB labeled F1

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MATSPK% DILX5 WS#4779396/4767897, TI, DIS272



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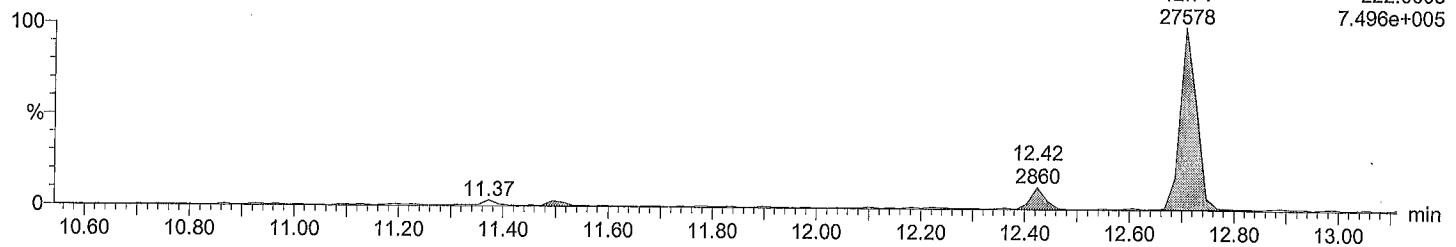
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M2161207A04

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F2:Voltage SIR,EI+
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7.496e+005

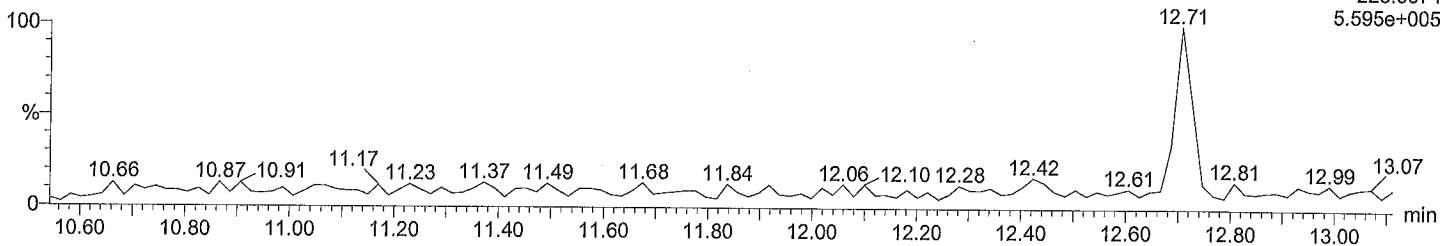


Total DiCB F2

M2161207A04

MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

F2:Voltage SIR,EI+
223.9974
5.595e+005

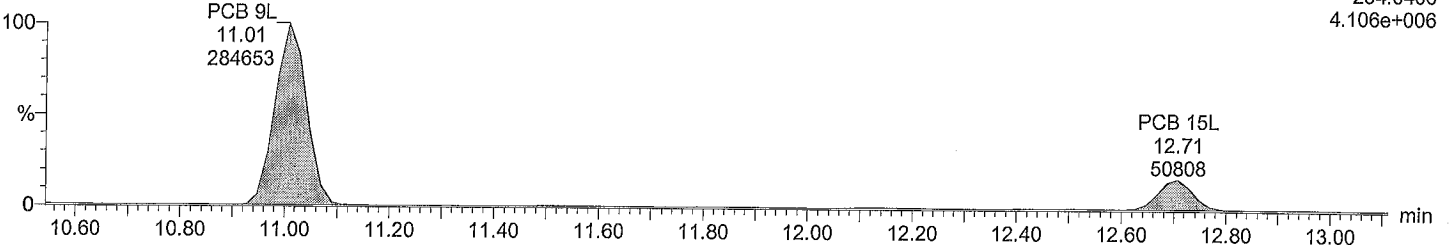


Total DiCB labeled F2

M2161207A04 Smooth(SG,3x1)

MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

F2:Voltage SIR,EI+
234.0406
4.106e+006

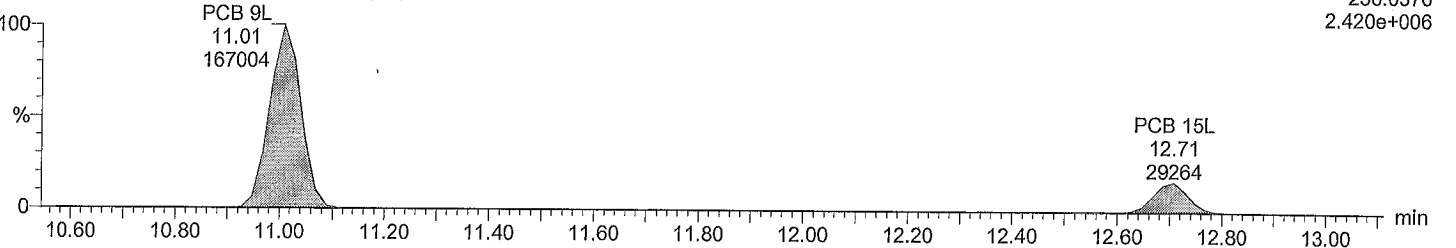


Total DiCB labeled F2

M2161207A04 Smooth(SG,3x1)

MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

F2:Voltage SIR,EI+
236.0376
2.420e+006



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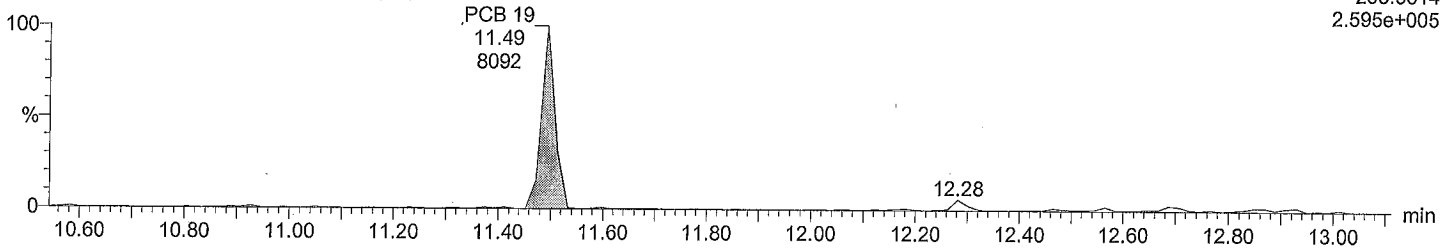
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Total TriCB F2

M2161207A04
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

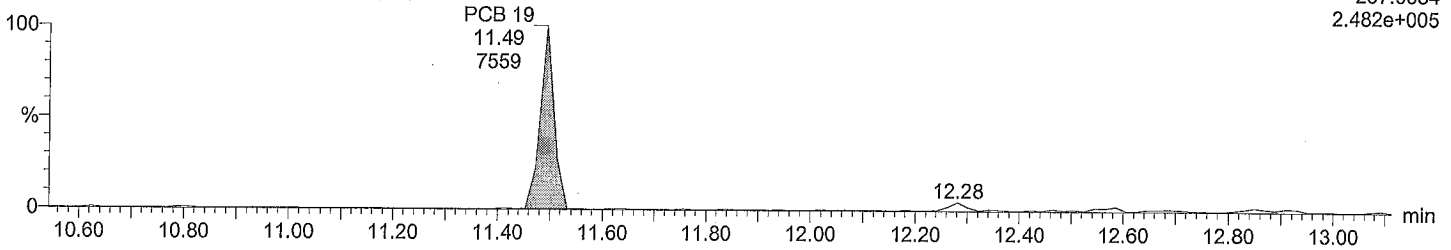
F2:Voltage SIR,EI+
255.9614
2.595e+005



Total TriCB F2

M2161207A04
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

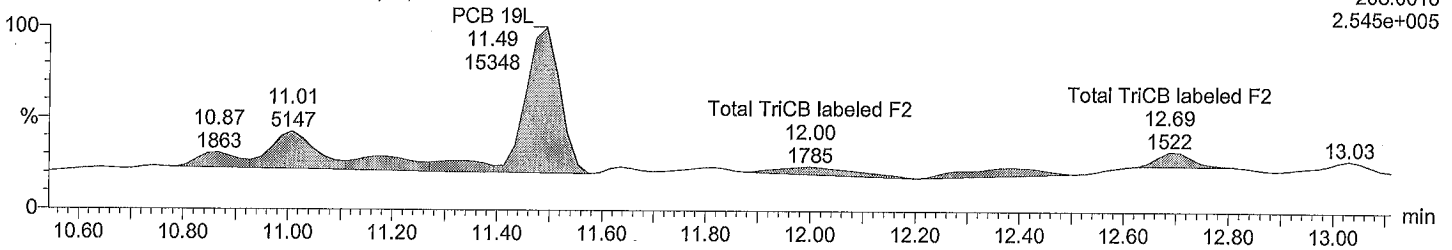
F2:Voltage SIR,EI+
257.9584
2.482e+005



Total TriCB labeled F2

M2161207A04 Smooth(SG,3x1)
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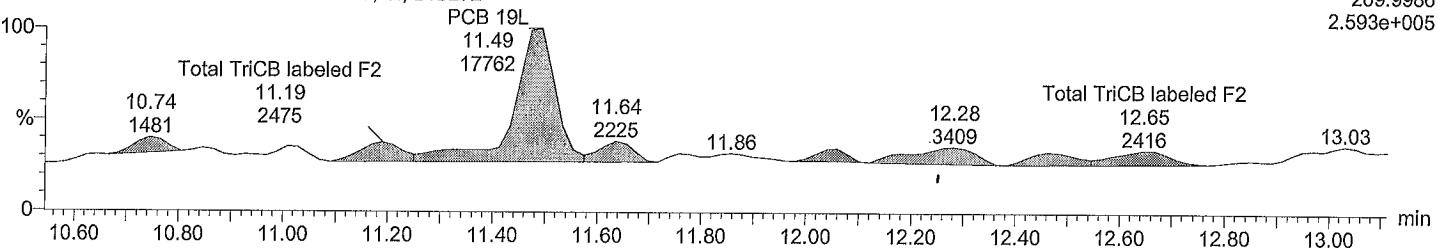
F2:Voltage SIR,EI+
268.0016
2.545e+005



Total TriCB labeled F2

M2161207A04 Smooth(SG,3x1)
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F2:Voltage SIR,EI+
269.9986
2.593e+005



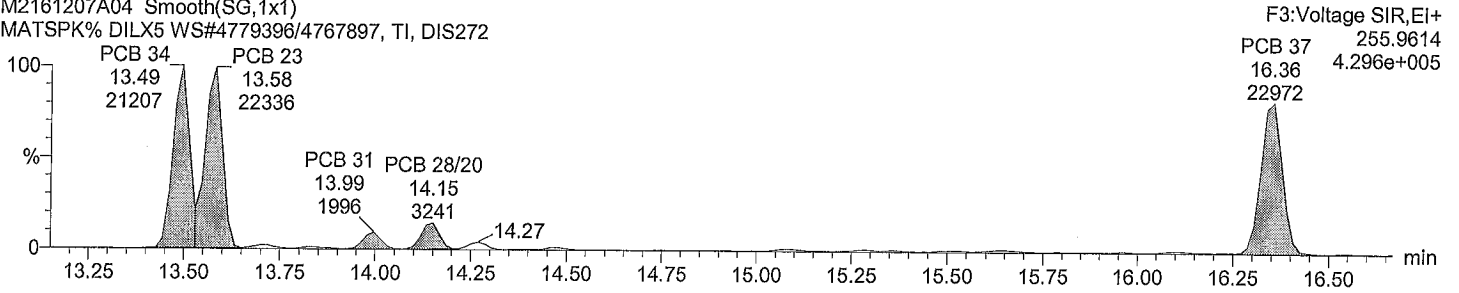
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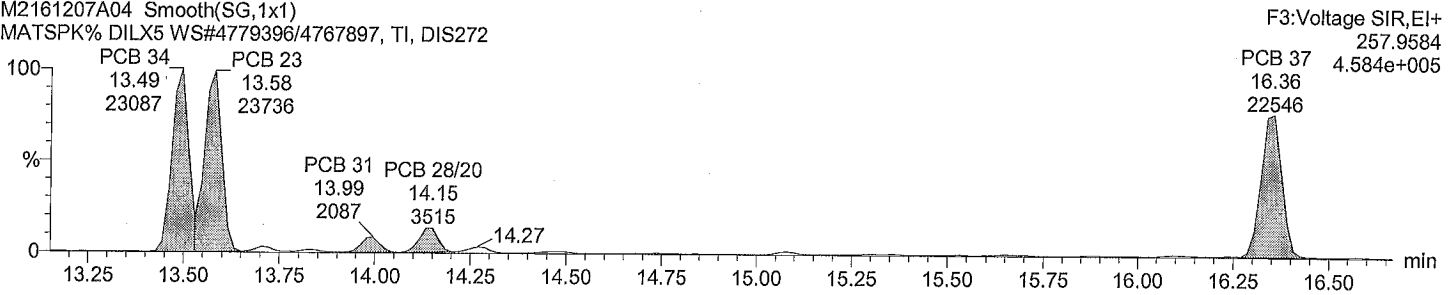
Total TriCB F3

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MATSPK% DILX5 WS#4779396/4767897, TI, DIS272



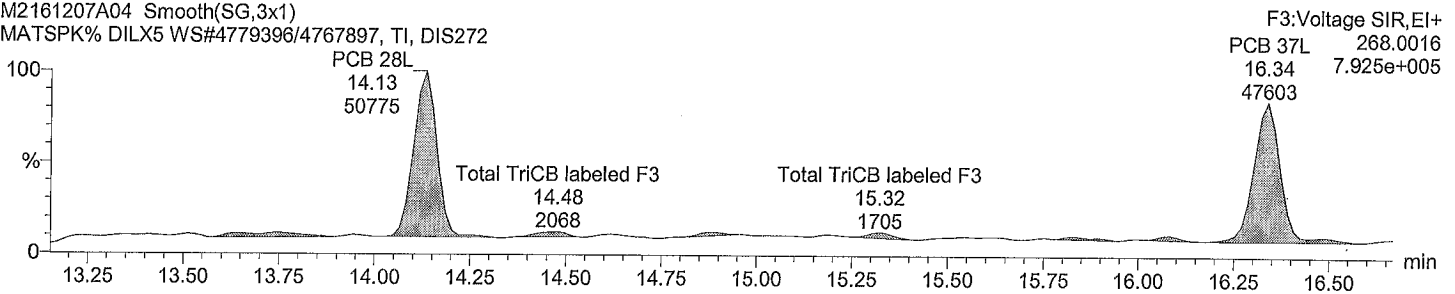
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MATSPK% DILX5 WS#4779396/4767897, TI, DIS272



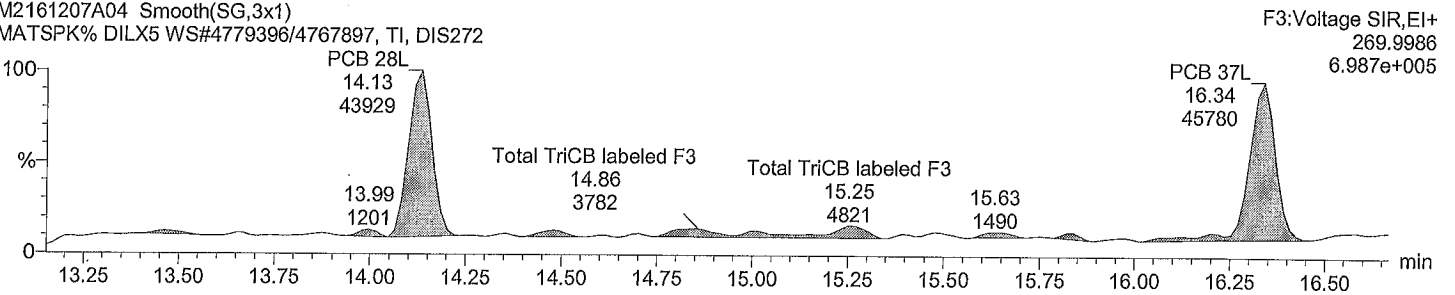
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M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272



Total TriCB labeled F3

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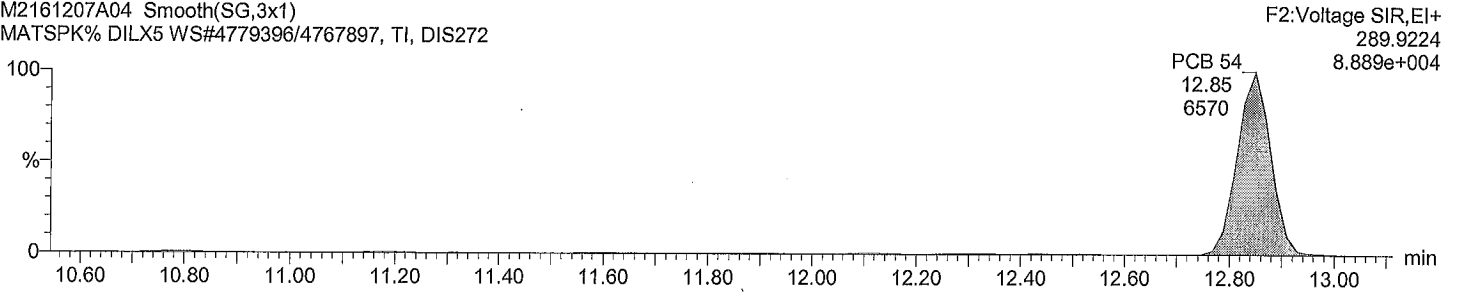
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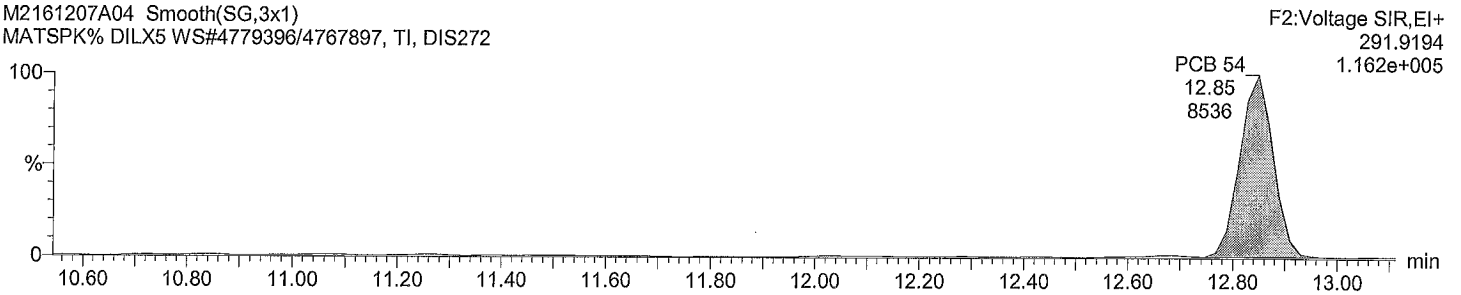
Total TeCB F2

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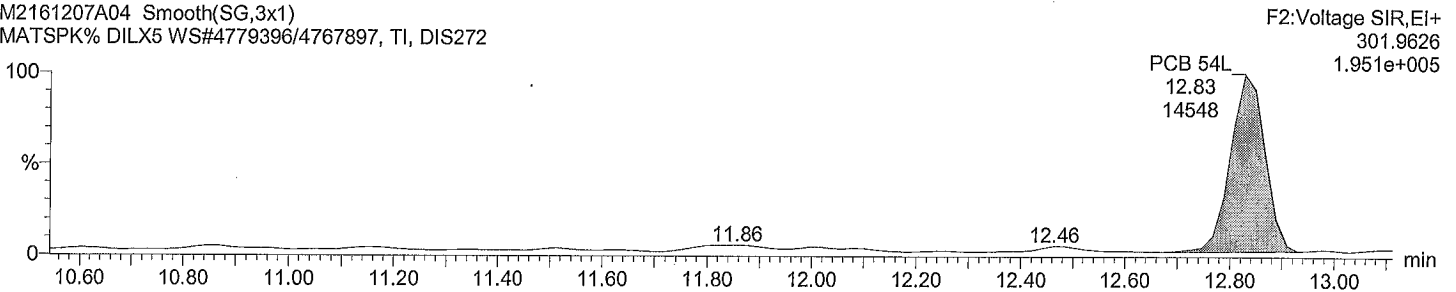
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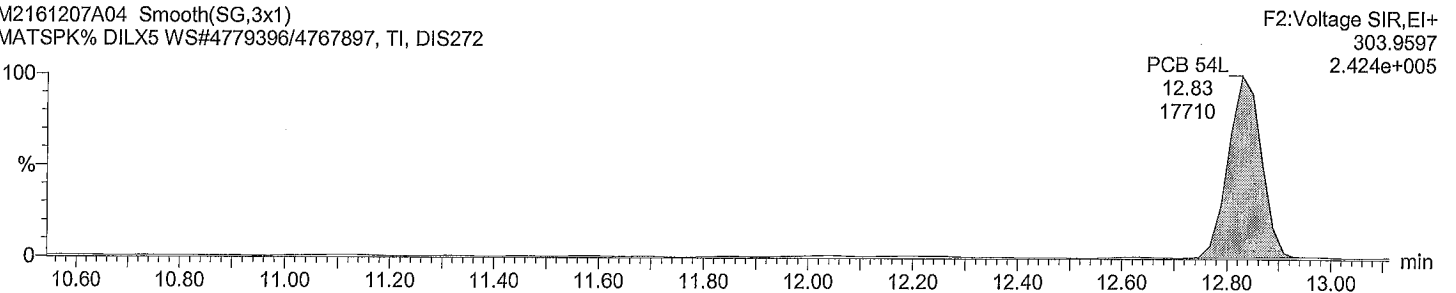
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Total TeCB labeled F2

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MATSPK% DILX5 WS#4779396/4767897, TI, DIS272



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Vial: 5

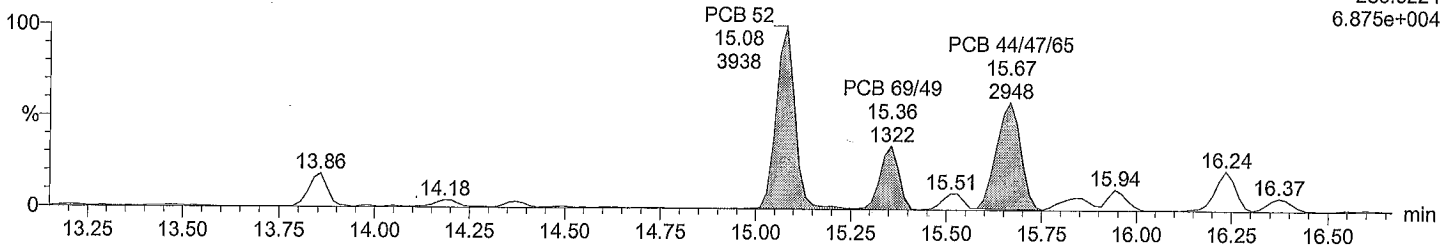
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M2161207A04 Smooth(SG,1x1)
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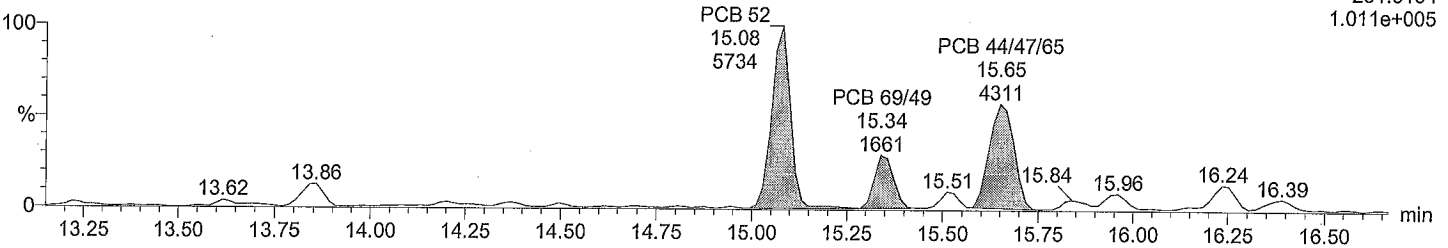
F3:Voltage SIR,EI+
289.9224
6.875e+004



Total TeCB F3

M2161207A04 Smooth(SG,1x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

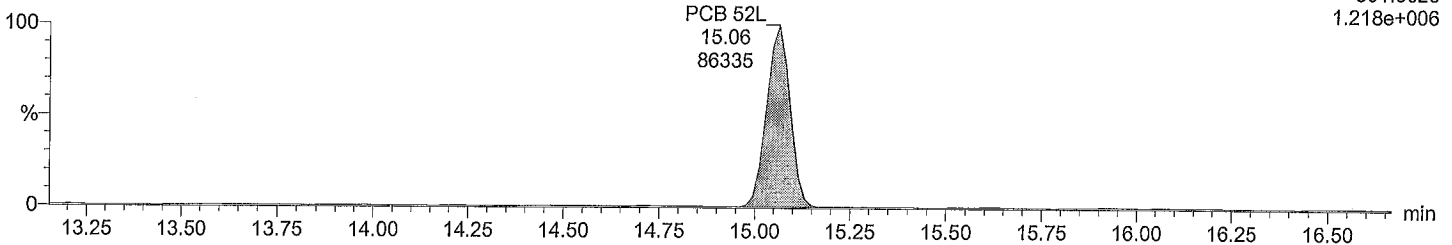
F3:Voltage SIR,EI+
291.9194
1.011e+005



Total TeCB labeled F3

M2161207A04 Smooth(SG,3x1)
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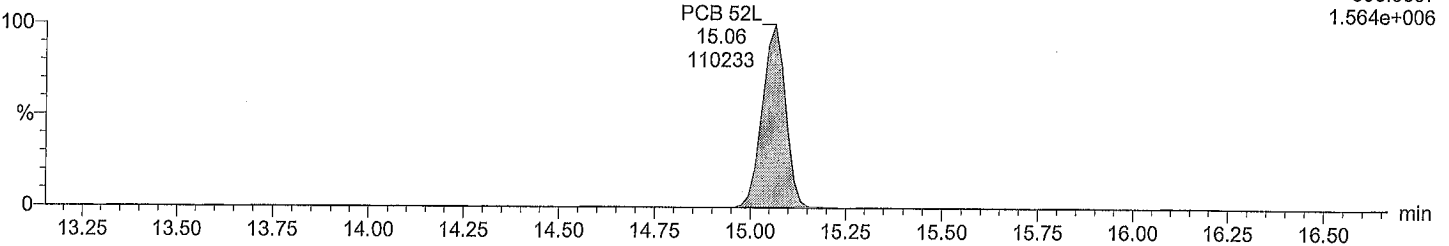
F3:Voltage SIR,EI+
301.9626
1.218e+006



Total TeCB labeled F3

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

F3:Voltage SIR,EI+
303.9597
1.564e+006



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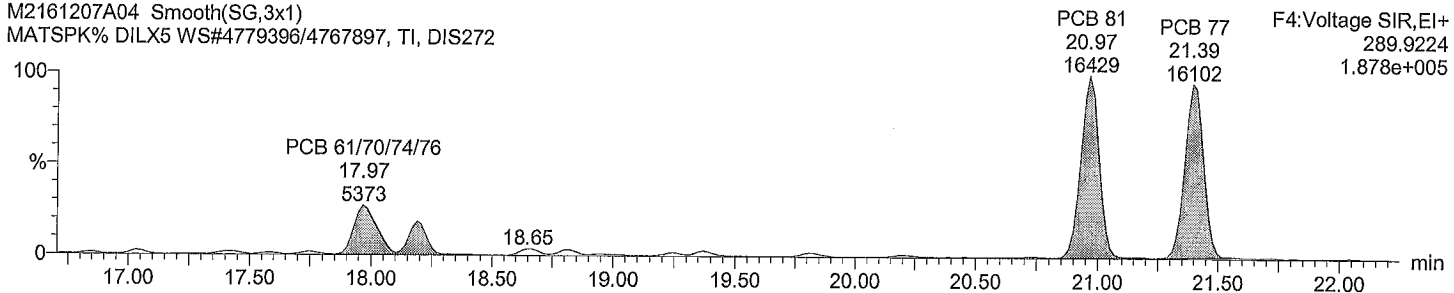
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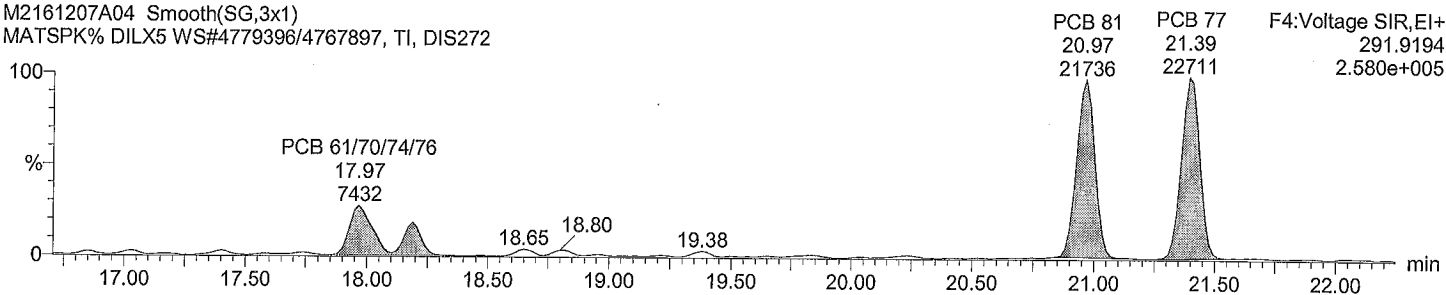
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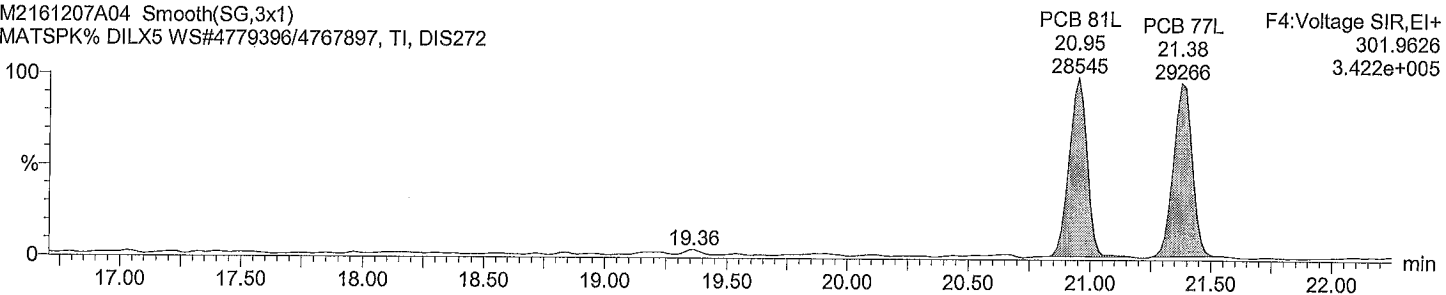
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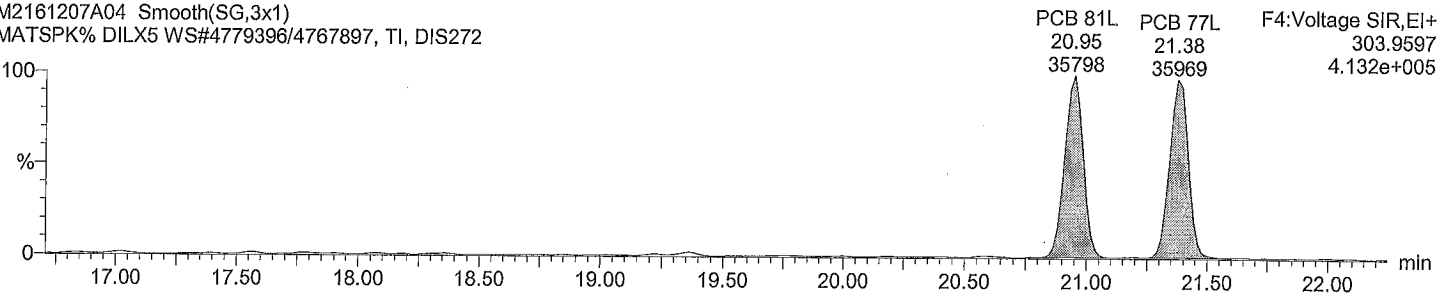
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MATSPK% DILX5 WS#4779396/4767897, TI, DIS272



Total TeCB labeled F4

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MATSPK% DILX5 WS#4779396/4767897, TI, DIS272



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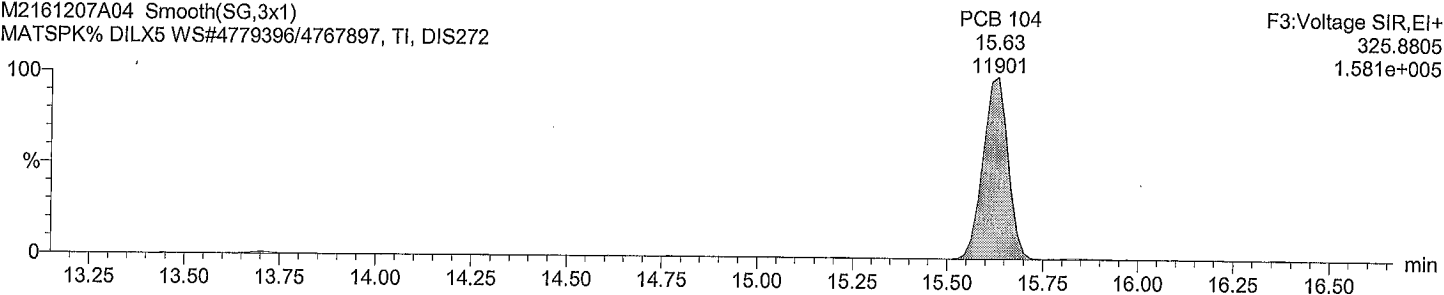
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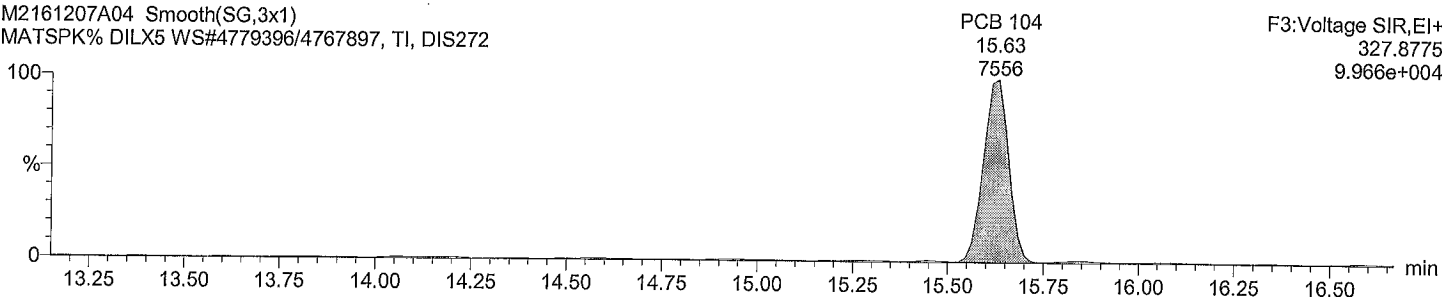
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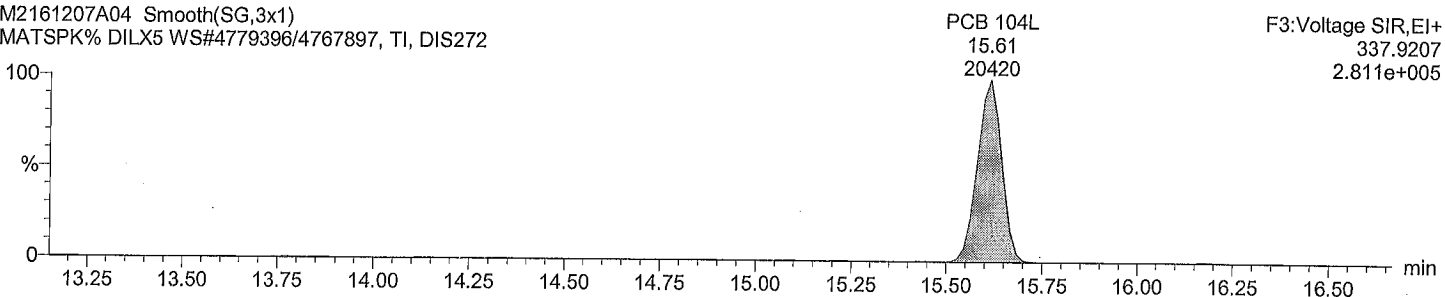
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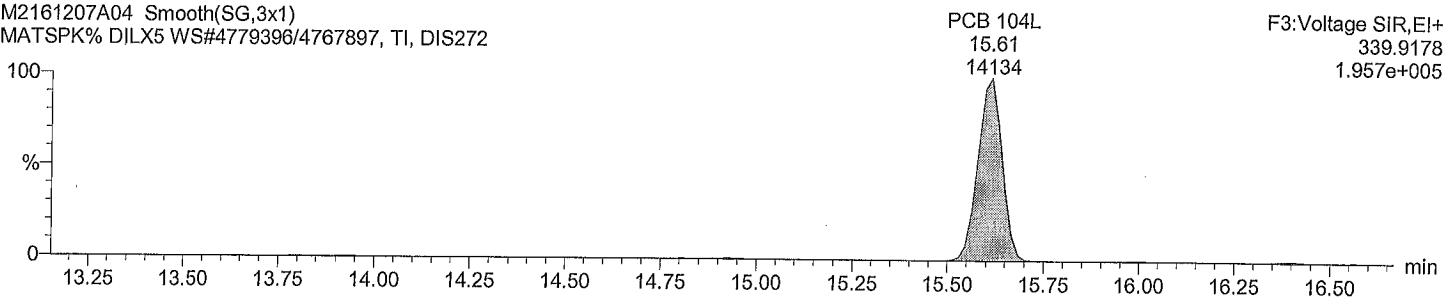
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MATSPK% DILX5 WS#4779396/4767897, TI, DIS272



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Last Altered: Monday, December 12, 2016 3:06:01 PM

Printed: Monday, December 12, 2016 3:06:59 PM

ID: WS#4779396/4767897, TI, DIS272

Description: MATSPK% DILX5

Vial: 5

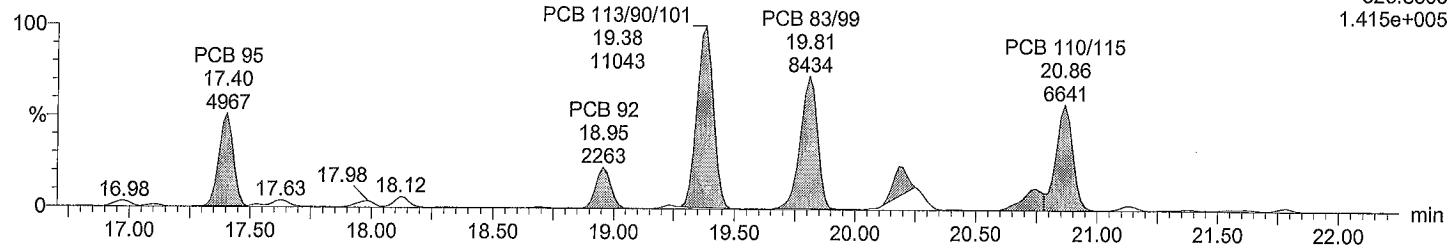
Date: 07-Dec-2016

Time: 10:59:06

Total PeCB F4

M2161207A04 Smooth(SG,2x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

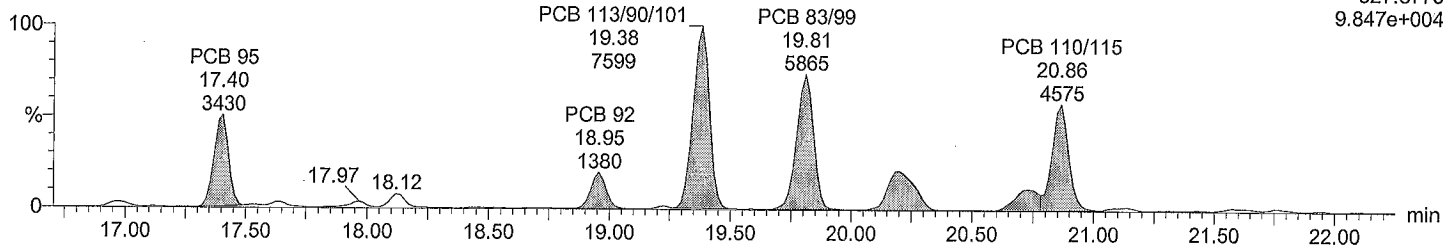
F4:Voltage SIR,EI+
325.8805
1.415e+005



Total PeCB F4

M2161207A04 Smooth(SG,2x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

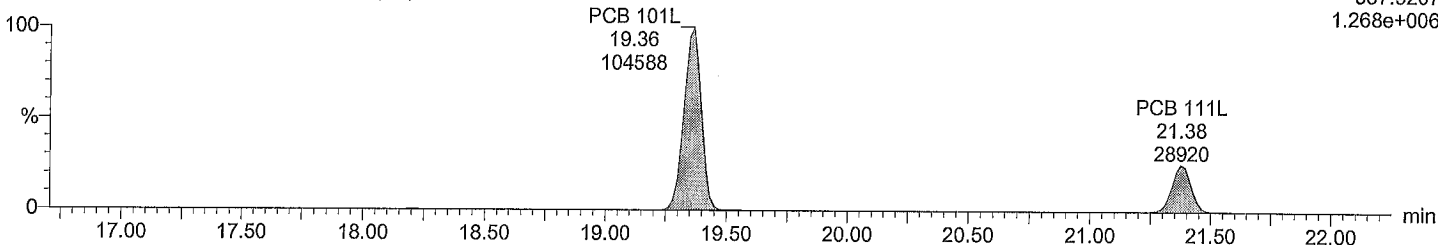
F4:Voltage SIR,EI+
327.8775
9.847e+004



Total PeCB labeled F4

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

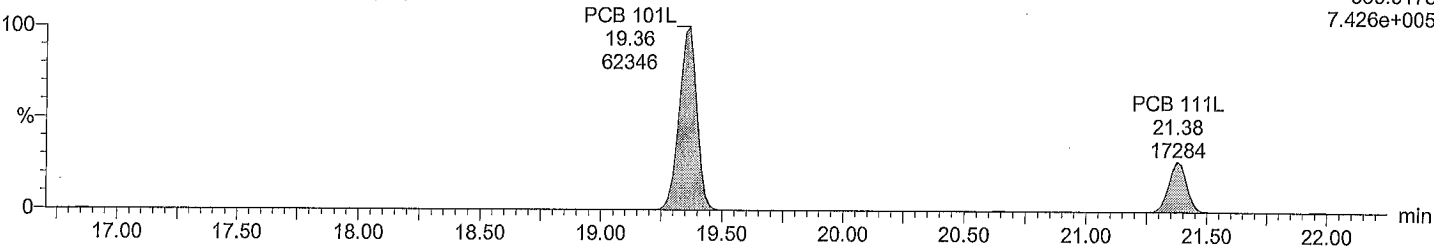
F4:Voltage SIR,EI+
337.9207
1.268e+006



Total PeCB labeled F4

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

F4:Voltage SIR,EI+
339.9178
7.426e+005



Quantify Sample Report

Acquired Date

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Last Altered: Monday, December 12, 2016 3:06:01 PM

Printed: Monday, December 12, 2016 3:06:59 PM

ID: WS#4779396/4767897, TI, DIS272

Description: MATSPK% DILX5

Vial: 5

Date: 07-Dec-2016

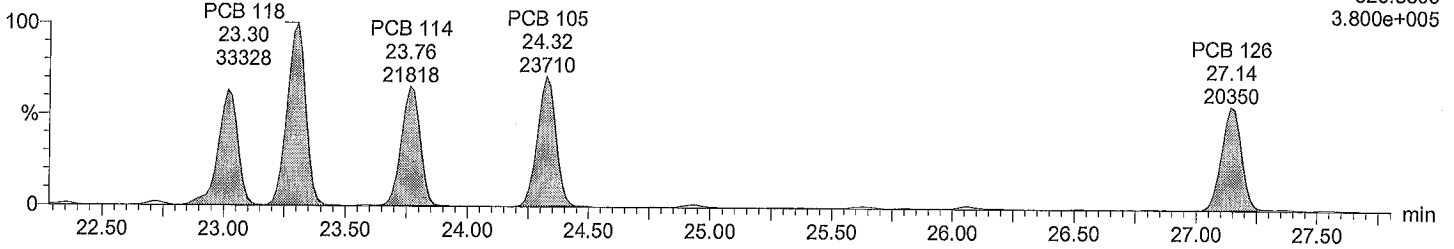
Time: 10:59:06

Total PeCB F5

M2161207A04 Smooth(SG,2x1)

MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

F5:Voltage SIR,EI+
325.8805
3.800e+005

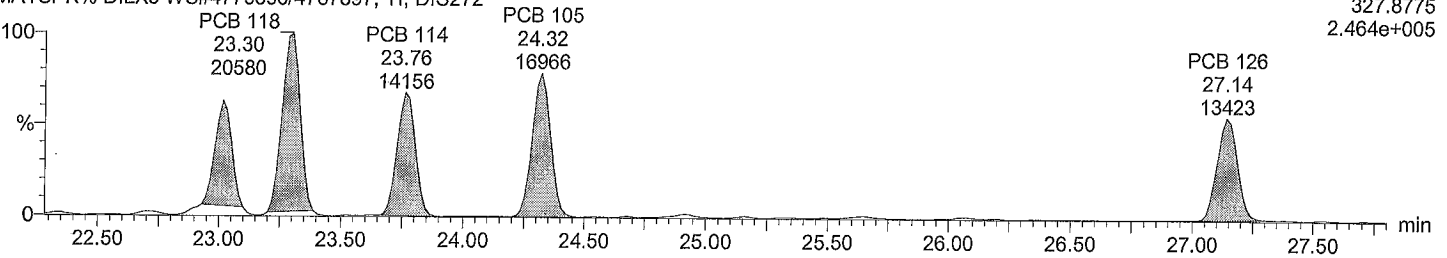


Total PeCB F5

M2161207A04 Smooth(SG,2x1)

MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

F5:Voltage SIR,EI+
327.8775
2.464e+005

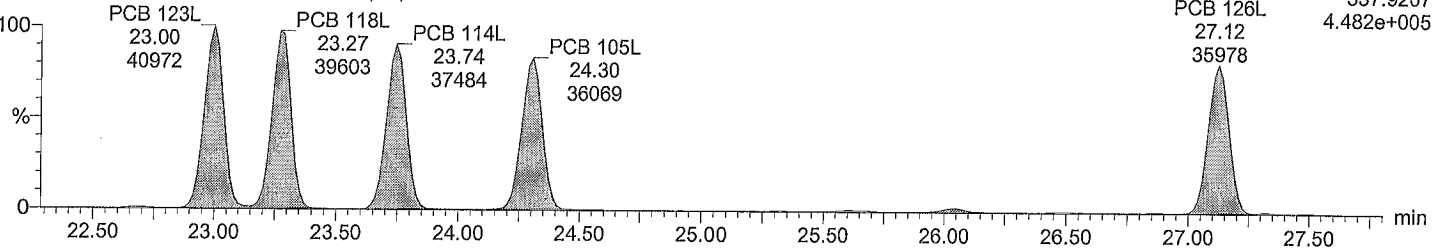


Total PeCB labeled F5

M2161207A04 Smooth(SG,3x1)

MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

F5:Voltage SIR,EI+
337.9207
4.482e+005

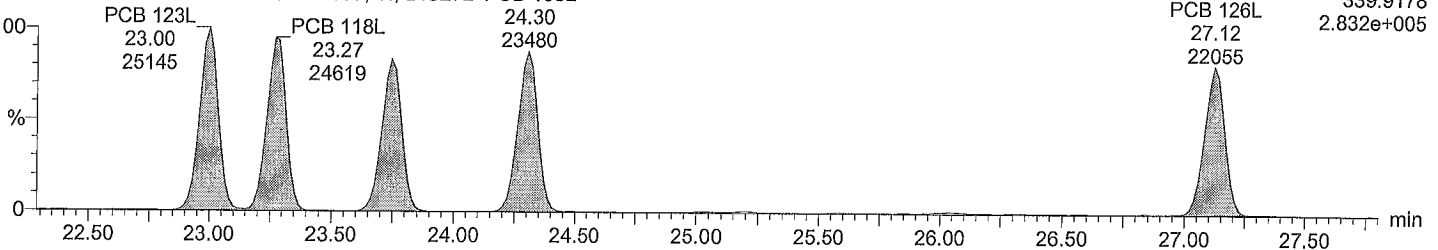


Total PeCB labeled F5

M2161207A04 Smooth(SG,3x1)

MATSPK% DILX5 WS#4779396/4767897, TI, DIS272 PCB 105L

F5:Voltage SIR,EI+
339.9178
2.832e+005



Dataset: M:\ULTIMA 2\Finished\m2161207A_finished_1668\M2161207A_samp_1668.qld

Last Altered: Monday, December 12, 2016 3:06:01 PM

Printed: Monday, December 12, 2016 3:06:59 PM

ID: WS#4779396/4767897, TI, DIS272

Description: MATSPK% DILX5

Vial: 5

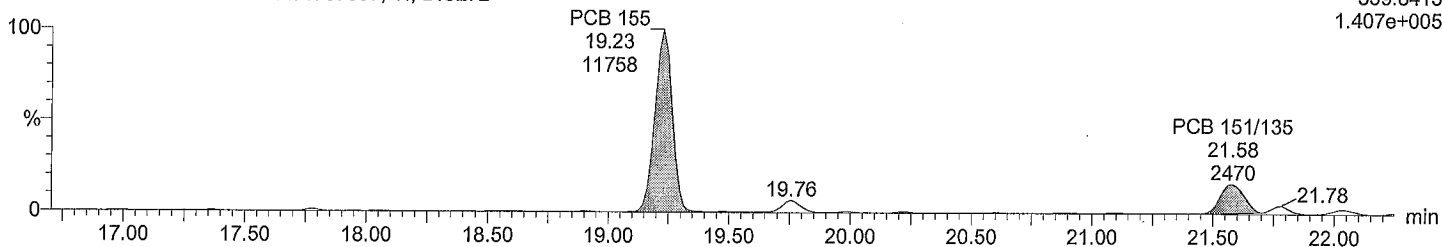
Date: 07-Dec-2016

Time: 10:59:06

Total HxCB F4

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

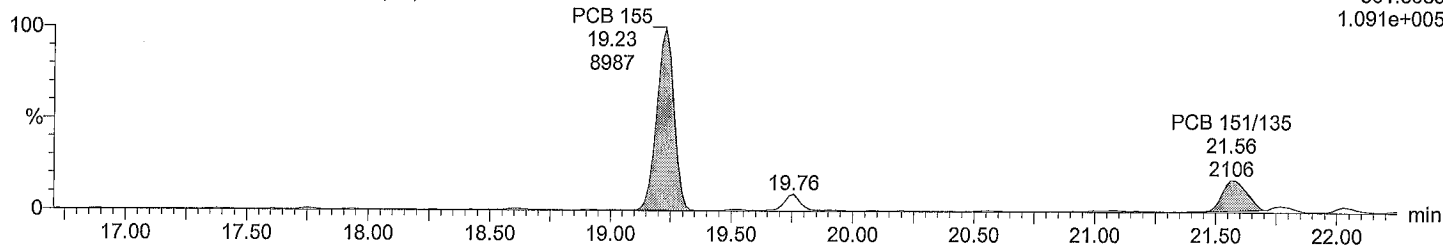
F4:Voltage SIR,EI+
359.8415
1.407e+005



Total HxCB F4

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

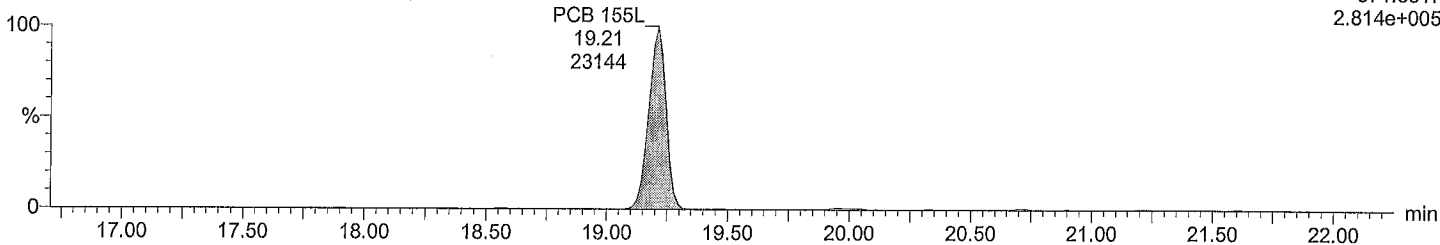
F4:Voltage SIR,EI+
361.8385
1.091e+005



Total HxCB labeled F4

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

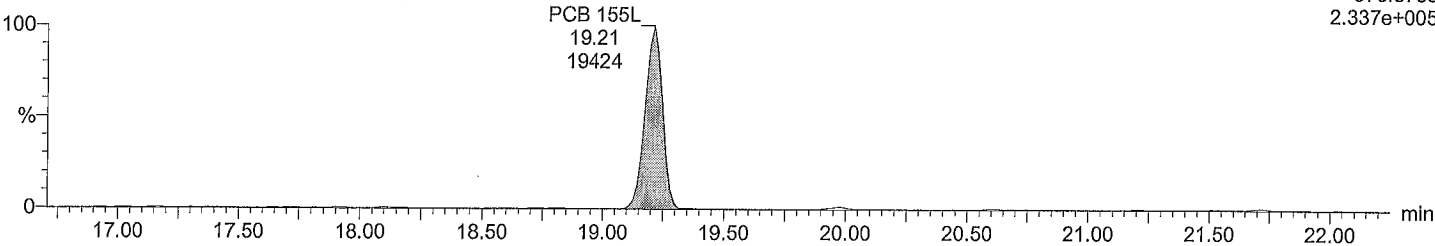
F4:Voltage SIR,EI+
371.8817
2.814e+005



Total HxCB labeled F4

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

F4:Voltage SIR,EI+
373.8788
2.337e+005



Acquired Date

Dataset: M:\ULTIMA 2\Finished\m2161207A_finished_1668\M2161207A_samp_1668.qld

Last Altered: Monday, December 12, 2016 3:06:01 PM

Printed: Monday, December 12, 2016 3:06:59 PM

ID: WS#4779396/4767897, TI, DIS272

Description: MATSPK% DILX5

Vial: 5

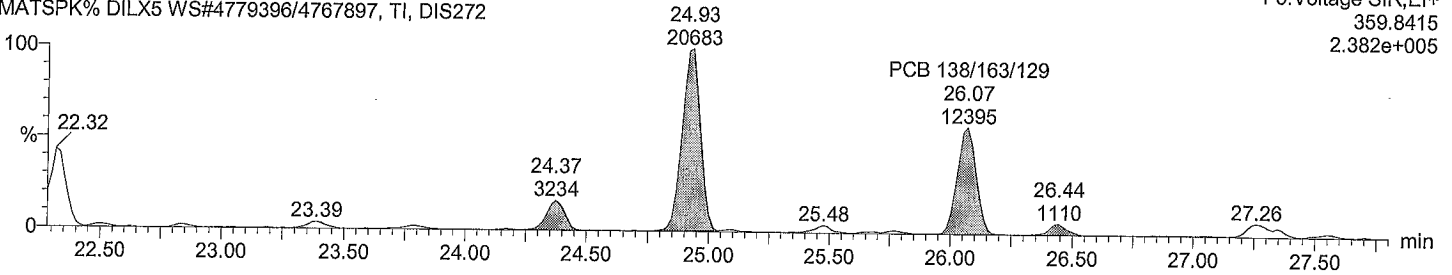
Date: 07-Dec-2016

Time: 10:59:06

Total HxCB F5

M2161207A04 Smooth(SG,1x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

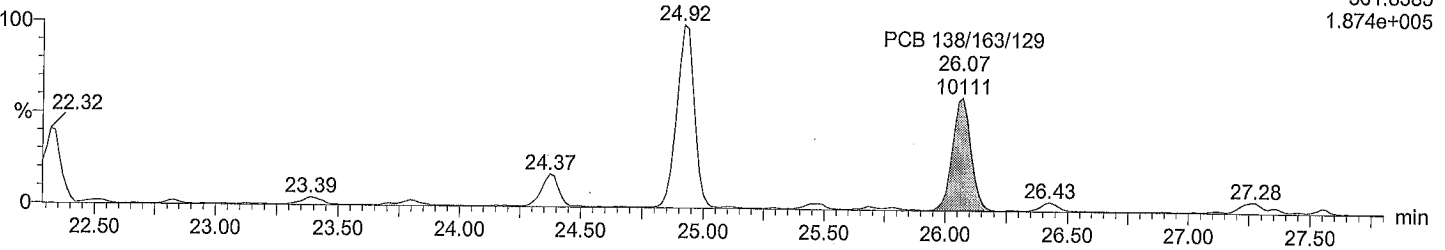
F5:Voltage SIR,EI+
359.8415
2.382e+005



Total HxCB F5

M2161207A04 Smooth(SG,1x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

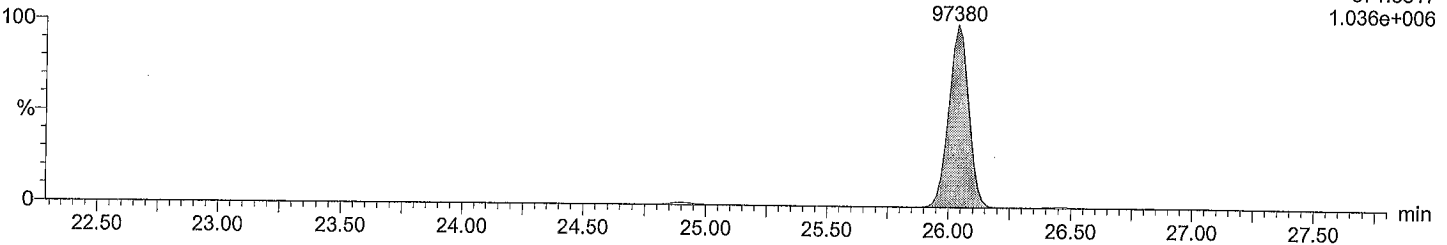
F5:Voltage SIR,EI+
361.8385
1.874e+005



Total HxCB labeled F5

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

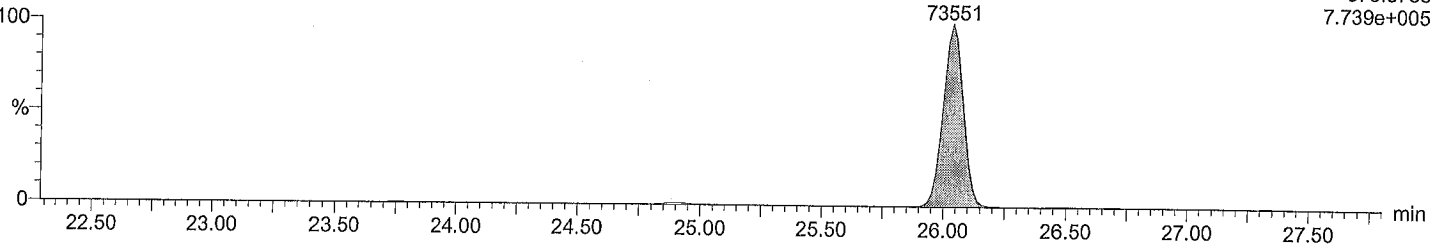
F5:Voltage SIR,EI+
371.8817
1.036e+006



Total HxCB labeled F5

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

F5:Voltage SIR,EI+
373.8788
7.739e+005



Acquired Date

Dataset: M:\ULTIMA 2\Finished\m2161207A_finished_1668\M2161207A_samp_1668.qld

Last Altered: Monday, December 12, 2016 3:06:01 PM

Printed: Monday, December 12, 2016 3:06:59 PM

ID: WS#4779396/4767897, TI, DIS272

Description: MATSPK% DILX5

Vial: 5

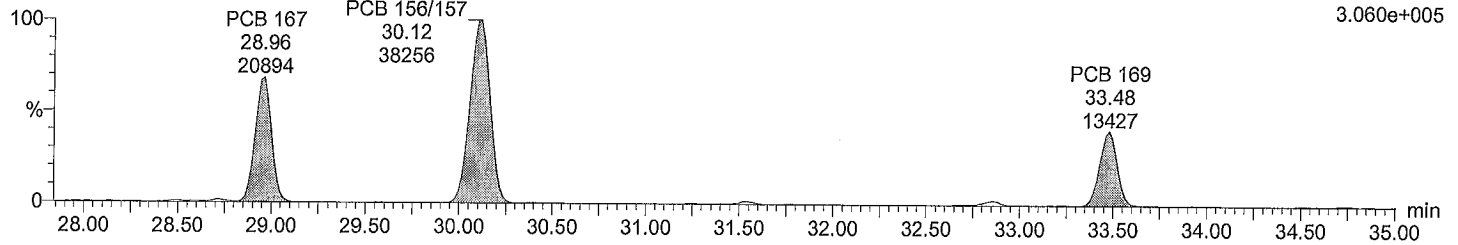
Date: 07-Dec-2016

Time: 10:59:06

Total HxCB F6

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

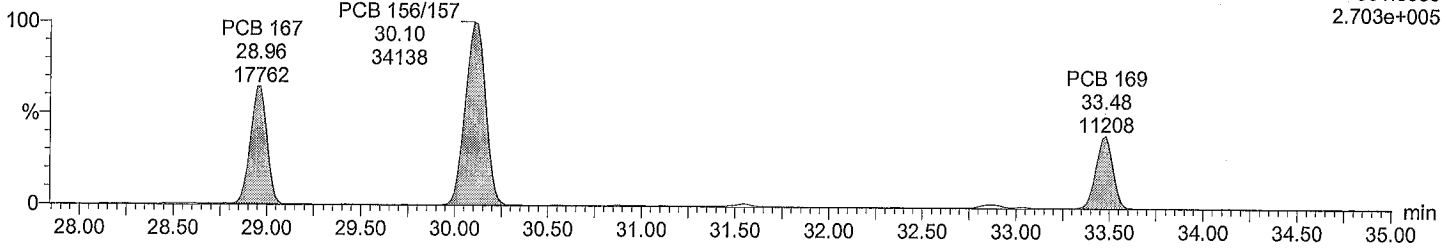
F6:Voltage SIR,EI+
359.8415
3.060e+005



Total HxCB F6

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

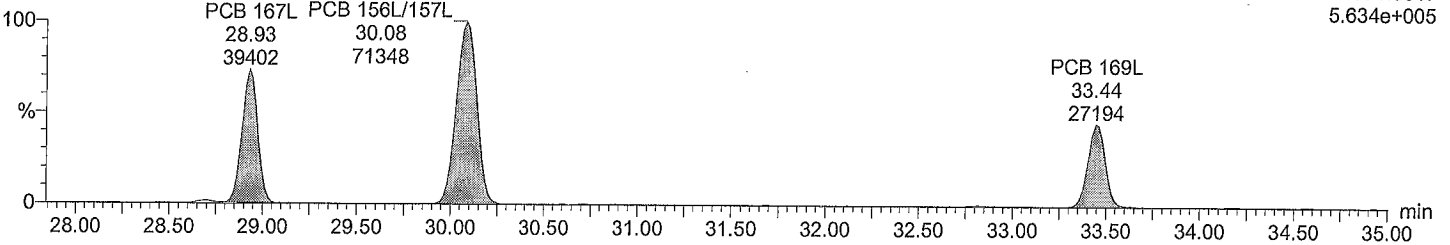
F6:Voltage SIR,EI+
361.8385
2.703e+005



Total HxCB labeled F6

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

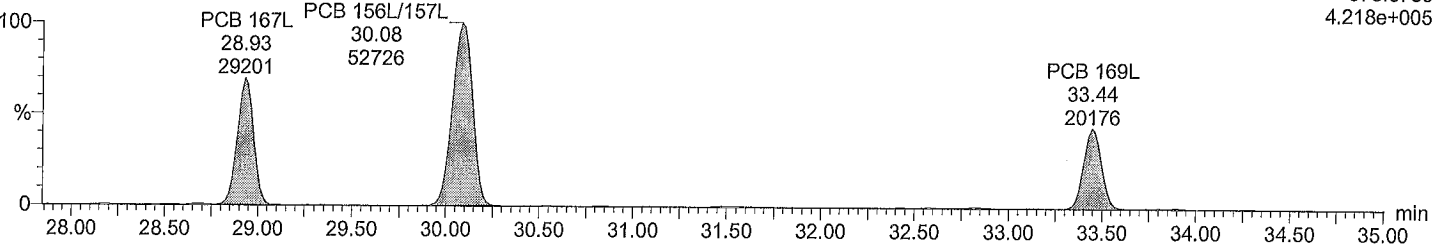
F6:Voltage SIR,EI+
371.8817
5.634e+005



Total HxCB labeled F6

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

F6:Voltage SIR,EI+
373.8788
4.218e+005



Acquired Date

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Last Altered: Monday, December 12, 2016 3:06:01 PM

Printed: Monday, December 12, 2016 3:06:59 PM

ID: WS#4779396/4767897, TI, DIS272

Description: MATSPK% DILX5

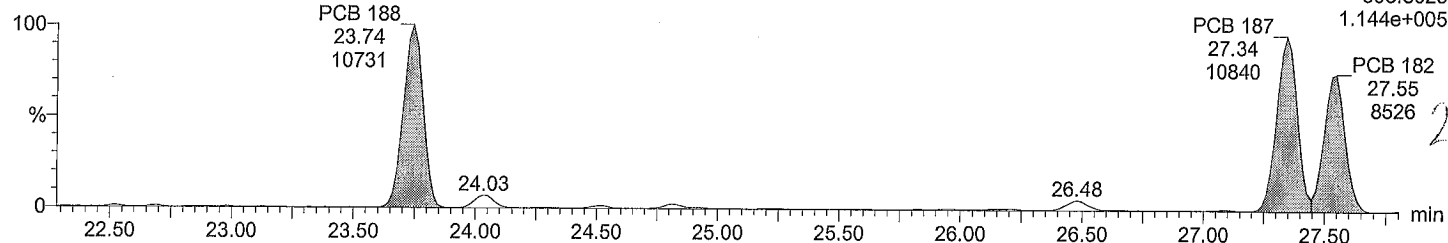
Vial: 5

Date: 07-Dec-2016

Time: 10:59:06

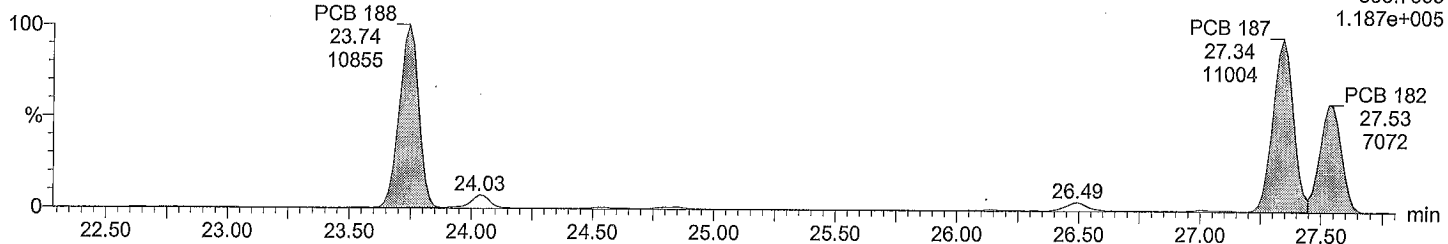
Total HpCB F5

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272



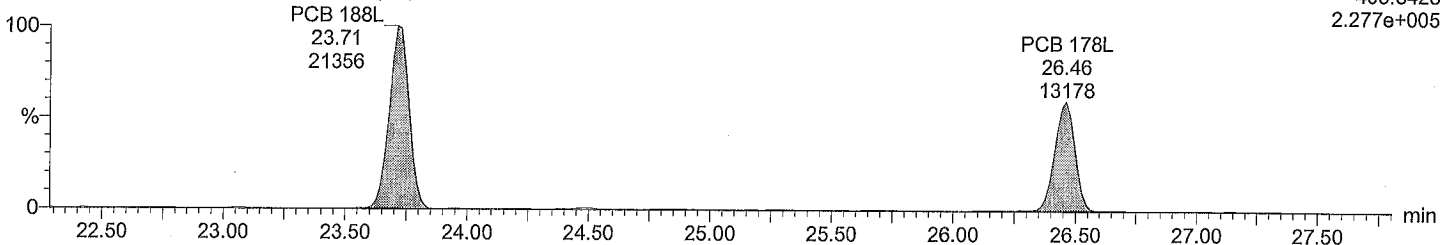
Total HpCB F5

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272



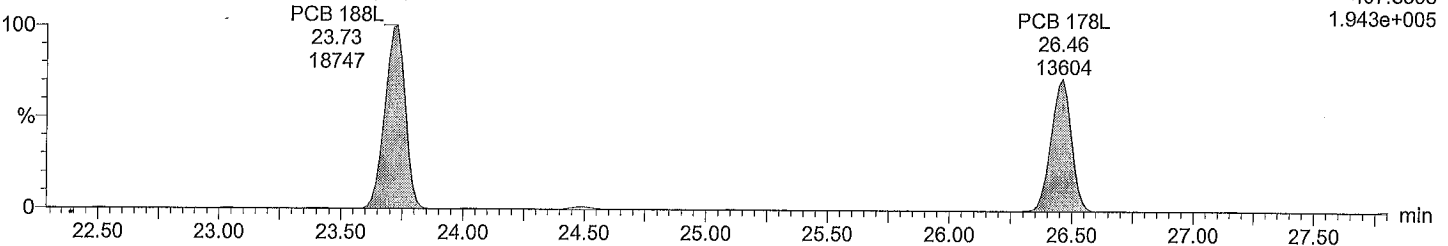
Total HpCB labeled F5

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272



Total HpCB labeled F5

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272



Quantify Sample Report

Acquired Date

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Last Altered: Monday, December 12, 2016 3:06:01 PM

Printed: Monday, December 12, 2016 3:06:59 PM

ID: WS#4779396/4767897, TI, DIS272

Description: MATSPK% DILX5

Vial: 5

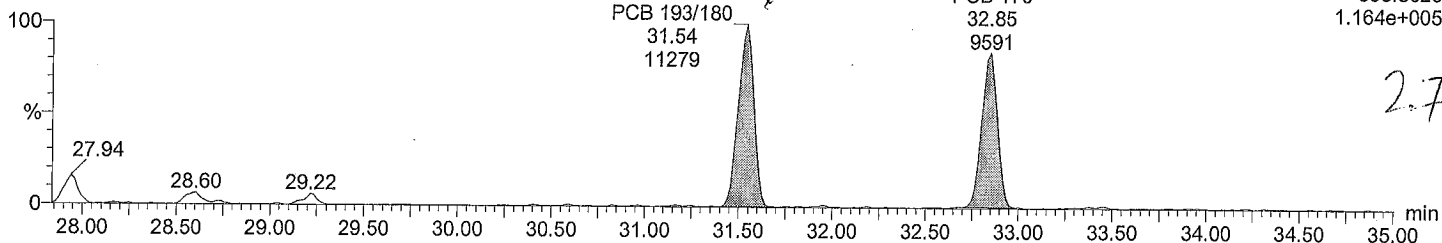
Date: 07-Dec-2016

Time: 10:59:06

Total HpCB F6

M2161207A04 Smooth(SG,1x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

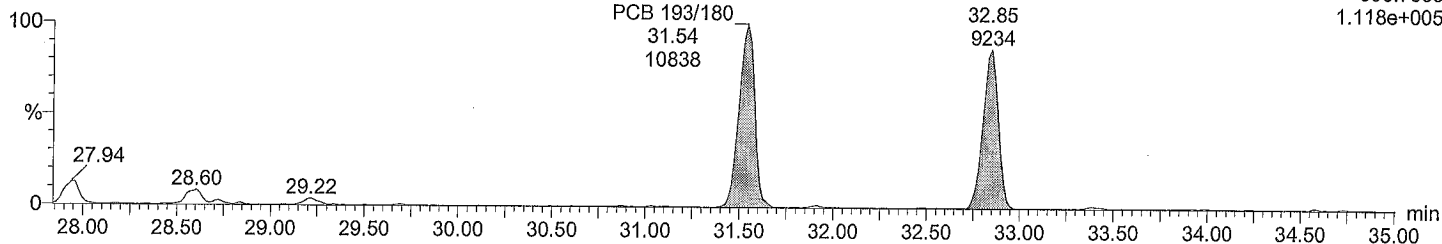
F6:Voltage SIR,EI+
393.8025
1.164e+005



Total HpCB F6

M2161207A04 Smooth(SG,1x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

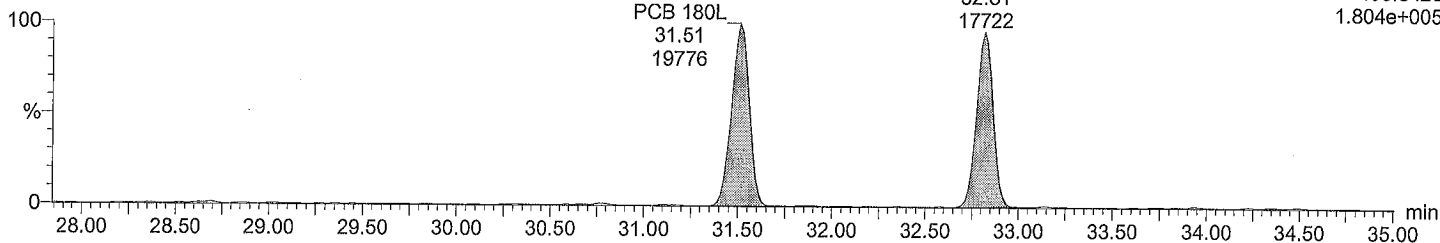
F6:Voltage SIR,EI+
395.7995
1.118e+005



Total HpCB labeled F6

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

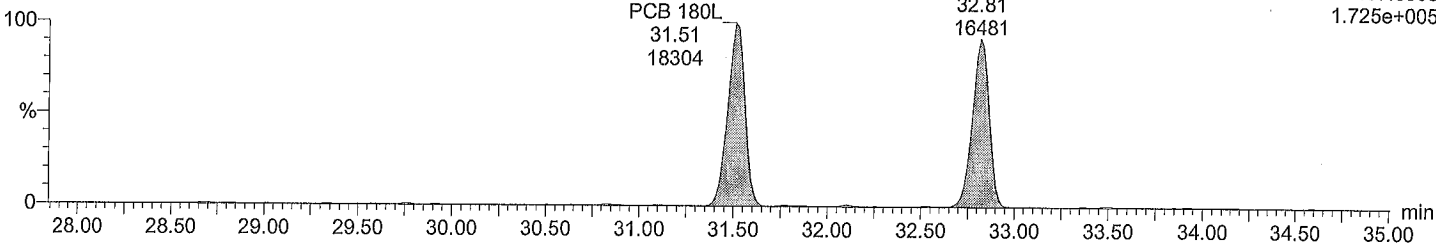
F6:Voltage SIR,EI+
405.8428
1.804e+005



Total HpCB labeled F6

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

F6:Voltage SIR,EI+
407.8398
1.725e+005



Dataset: M:\ULTIMA 2\Finished\m2161207A_finished_1668\M2161207A_samp_1668.qld

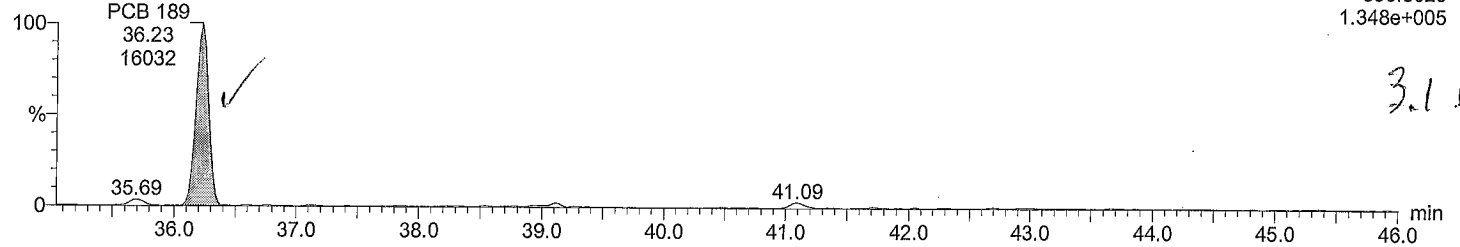
Last Altered: Monday, December 12, 2016 3:06:01 PM
Printed: Monday, December 12, 2016 3:06:59 PM

ID: WS#4779396/4767897, TI, DIS272
Description: MATSPK% DILX5
Vial: 5
Date: 07-Dec-2016
Time: 10:59:06

Total HpCB F7

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

F7:Voltage SIR,EI+
393.8025
1.348e+005

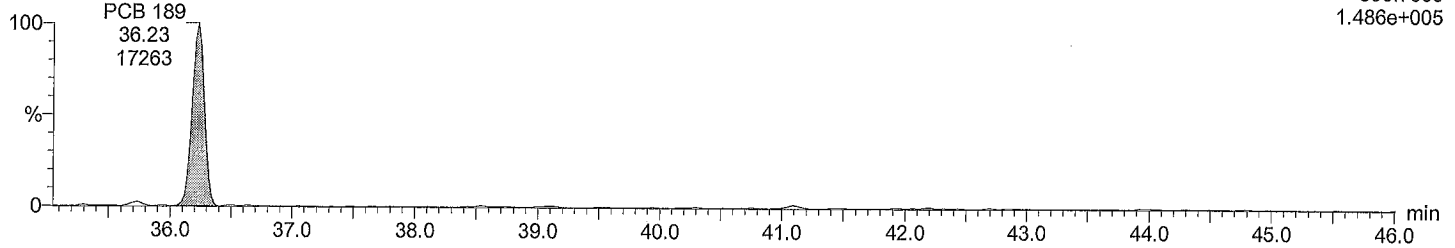


3.1 E3

Total HpCB F7

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

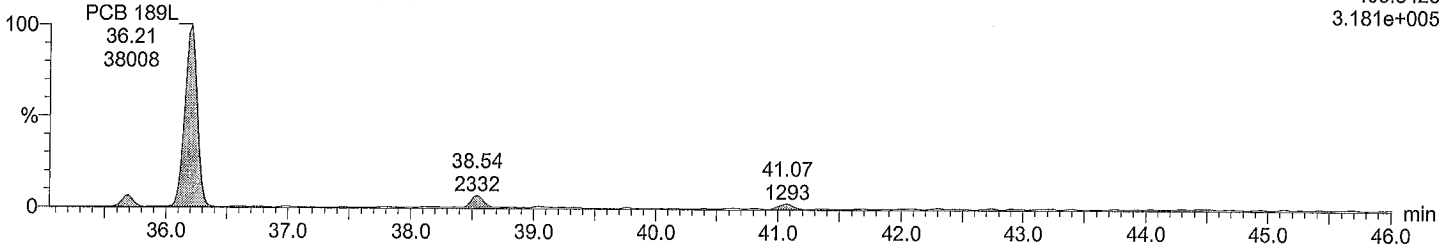
F7:Voltage SIR,EI+
395.7995
1.486e+005



Total HpCB labeled F7

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

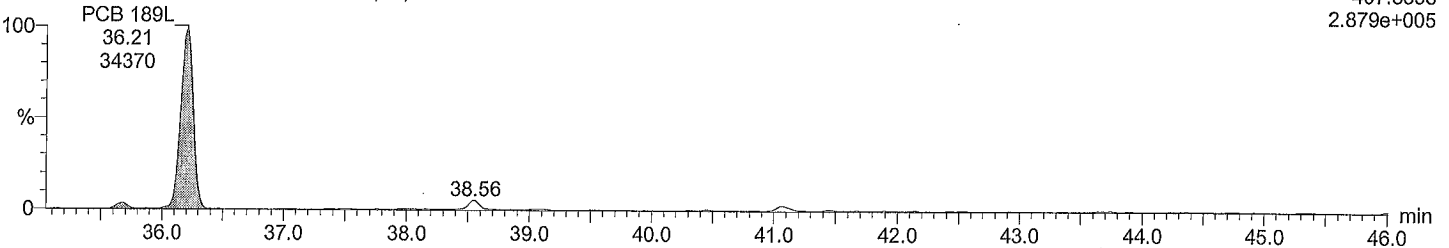
F7:Voltage SIR,EI+
405.8428
3.181e+005



Total HpCB labeled F7

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

F7:Voltage SIR,EI+
407.8398
2.879e+005



Acquired Date

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Last Altered: Monday, December 12, 2016 3:06:01 PM

Printed: Monday, December 12, 2016 3:06:59 PM

ID: WS#4779396/4767897, TI, DIS272

Description: MATSPK% DILX5

Vial: 5

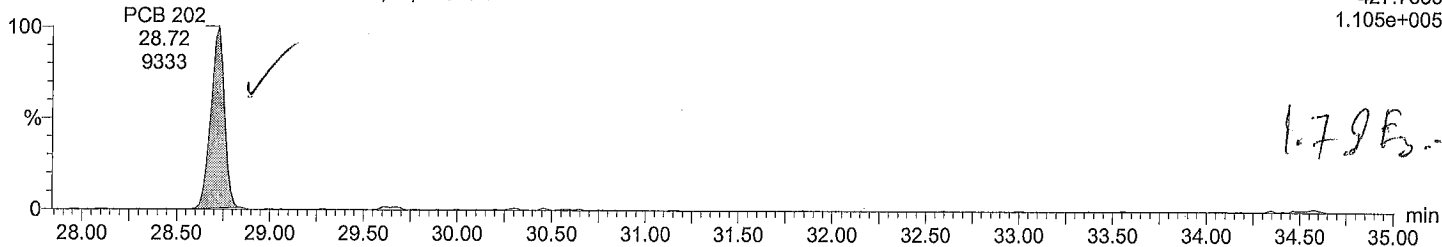
Date: 07-Dec-2016

Time: 10:59:06

Total OcCB F6

M2161207A04 Smooth(SG,1x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

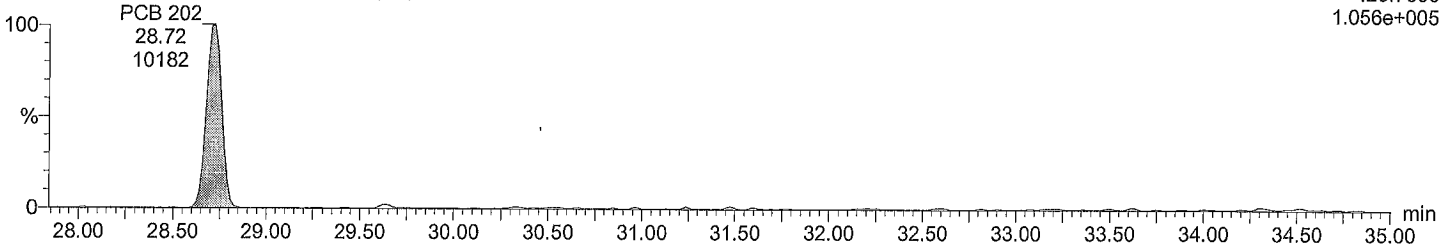
F6:Voltage SIR,EI+
427.7635
1.105e+005



Total OcCB F6

M2161207A04 Smooth(SG,1x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

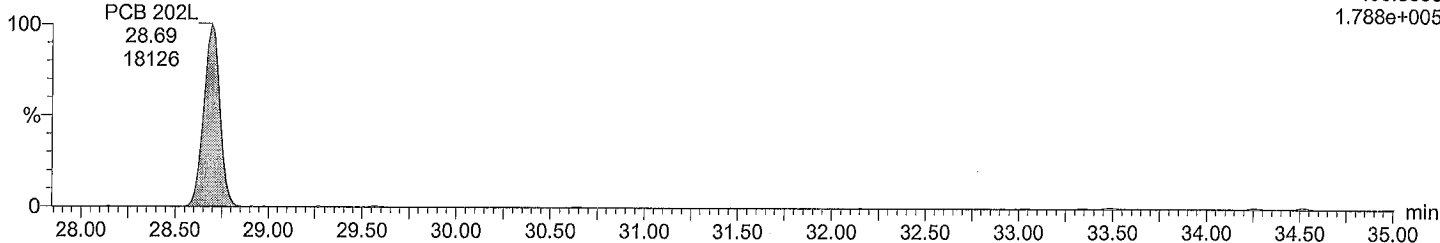
F6:Voltage SIR,EI+
429.7606
1.056e+005



Total OcCB labeled F6

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

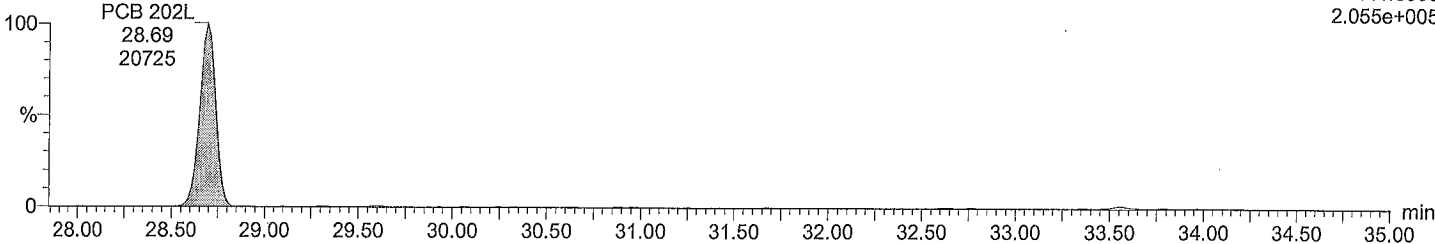
F6:Voltage SIR,EI+
439.8038
1.788e+005



Total OcCB labeled F6

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

F6:Voltage SIR,EI+
441.8008
2.055e+005



Dataset: M:\ULTIMA 2\Finished\m2161207A_finished_1668\M2161207A_samp_1668.qld

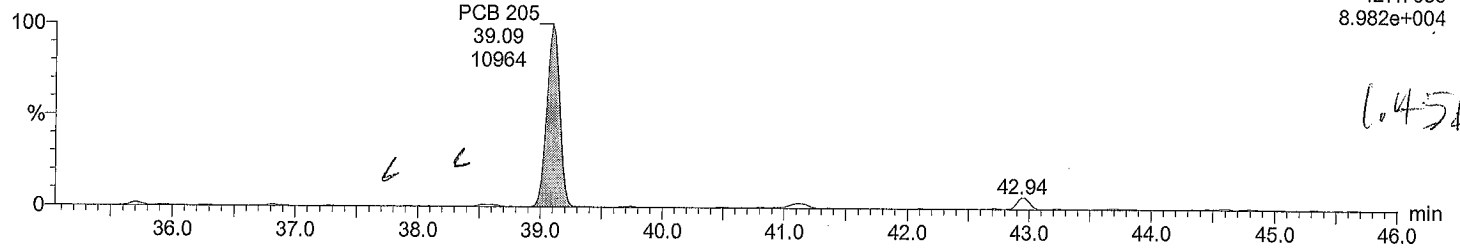
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Printed: Monday, December 12, 2016 3:06:59 PM

ID: WS#4779396/4767897, TI, DIS272
Description: MATSPK% DILX5
Vial: 5
Date: 07-Dec-2016
Time: 10:59:06

Total OcCB F7

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

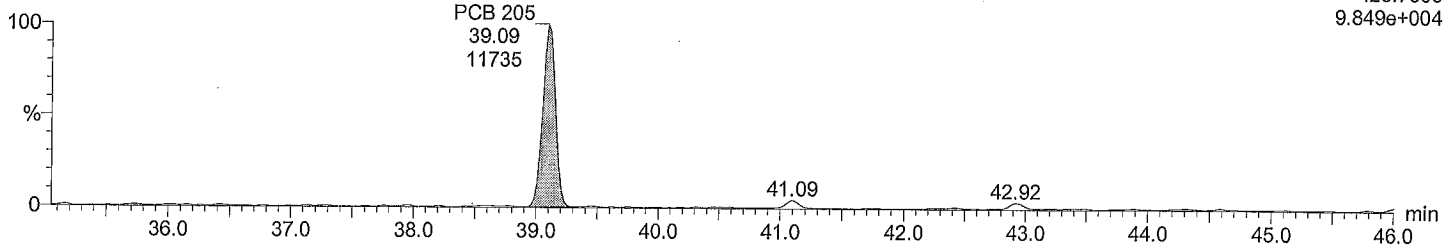
F7:Voltage SIR,EI+
427.7635
8.982e+004



Total OcCB F7

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

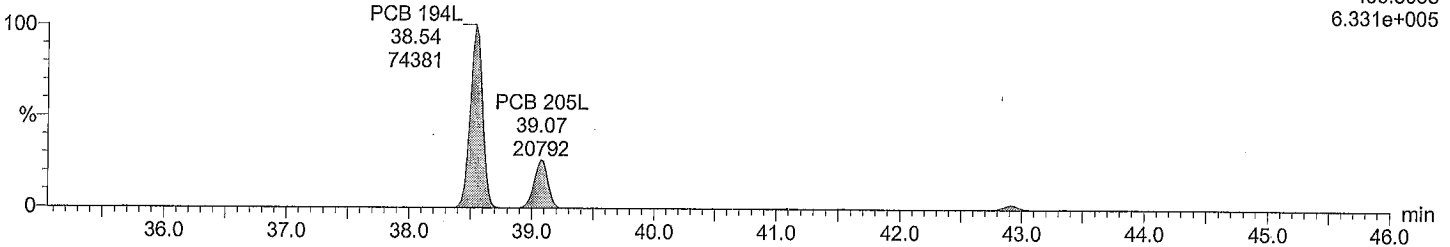
F7:Voltage SIR,EI+
429.7606
9.849e+004



Total OcCB labeled F7

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

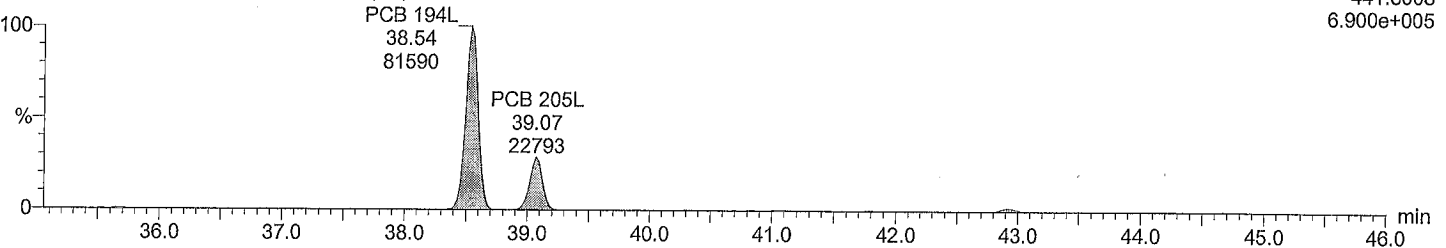
F7:Voltage SIR,EI+
439.8038
6.331e+005



Total OcCB labeled F7

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

F7:Voltage SIR,EI+
441.8008
6.900e+005



Acquired Date

Dataset: M:\ULTIMA 2\Finished\m2161207A_finished_1668\M2161207A_samp_1668.qld

Last Altered: Monday, December 12, 2016 3:06:01 PM

Printed: Monday, December 12, 2016 3:06:59 PM

ID: WS#4779396/4767897, TI, DIS272

Description: MATSPK% DILX5

Vial: 5

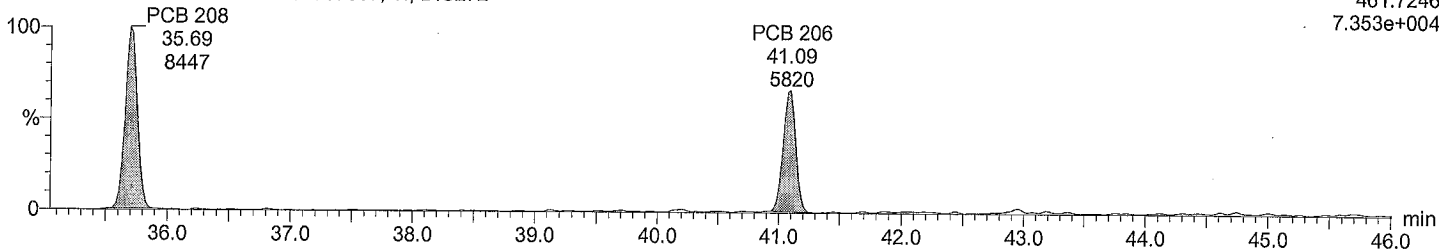
Date: 07-Dec-2016

Time: 10:59:06

Total NoCB F7

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

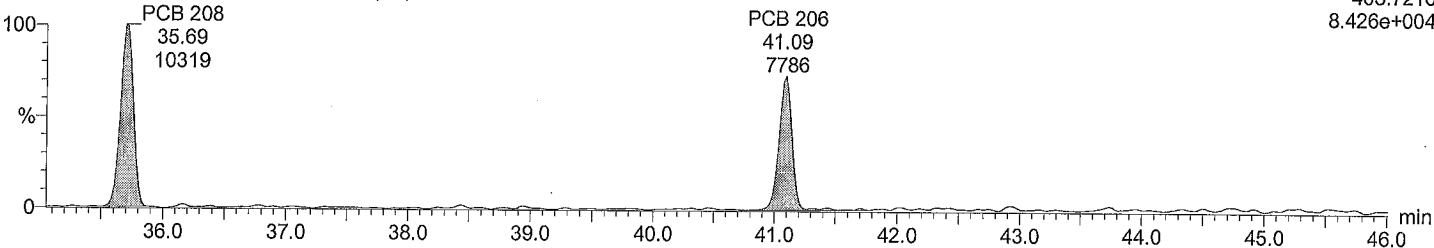
F7:Voltage SIR,EI+
461.7246
7.353e+004



Total NoCB F7

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

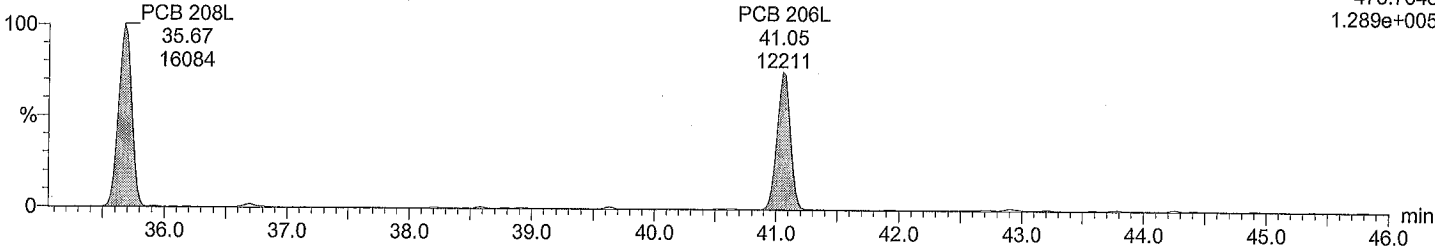
F7:Voltage SIR,EI+
463.7216
8.426e+004



Total NoCB labeled F7

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

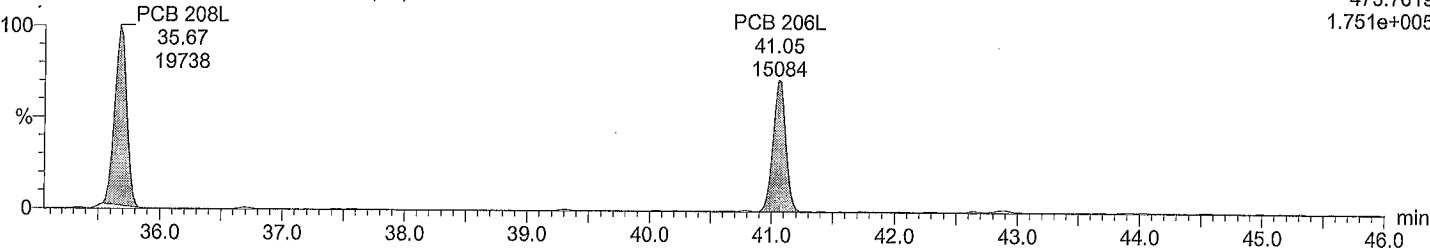
F7:Voltage SIR,EI+
473.7648
1.289e+005



Total NoCB labeled F7

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

F7:Voltage SIR,EI+
475.7619
1.751e+005



Acquired Date

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Last Altered: Monday, December 12, 2016 3:06:01 PM

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ID: WS#4779396/4767897, TI, DIS272

Description: MATSPK% DILX5

Vial: 5

Date: 07-Dec-2016

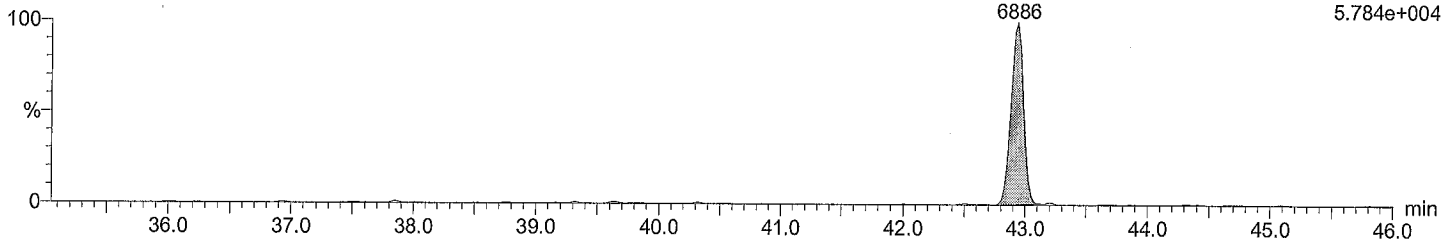
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Total DeCB F7

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

PCB 209
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6886

F7:Voltage SIR,EI+
497.6826
5.784e+004

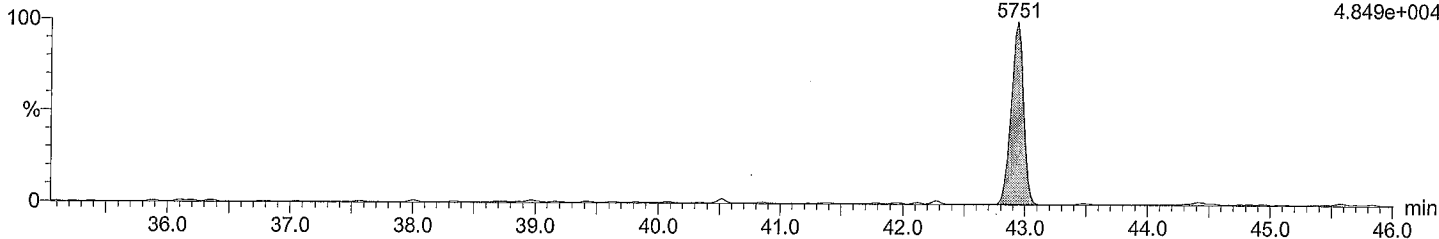


Total DeCB F7

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

PCB 209
42.94
5751

F7:Voltage SIR,EI+
499.6797
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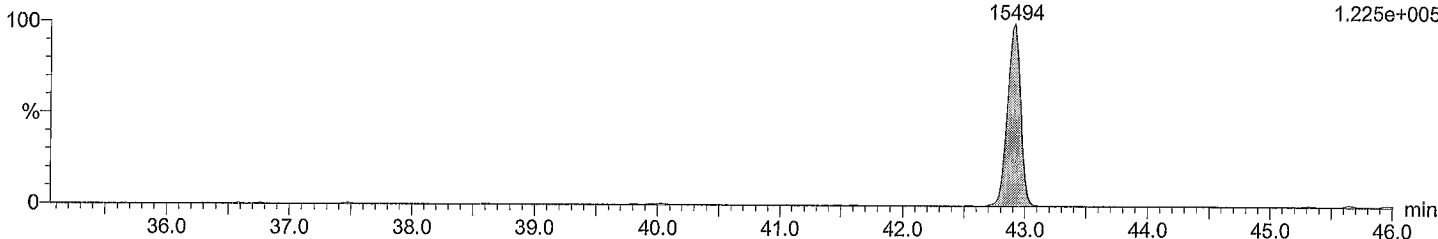


Total DeCB labeled F7

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

PCB 209L
42.92
15494

F7:Voltage SIR,EI+
509.7229
1.225e+005

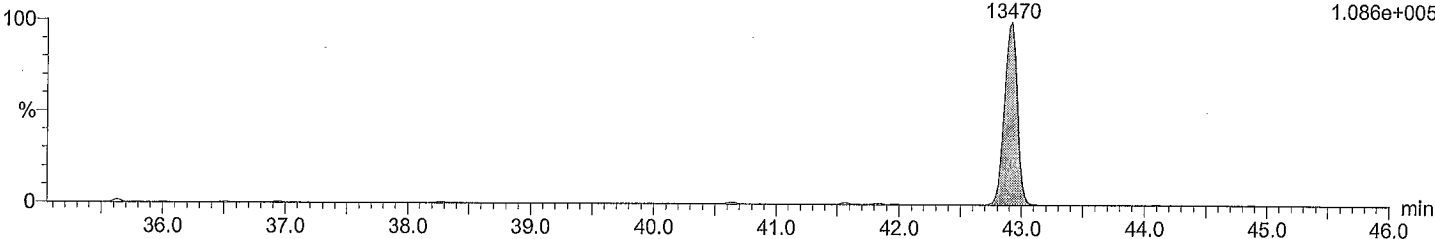


Total DeCB labeled F7

M2161207A04 Smooth(SG,3x1)
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272

PCB 209L
42.92
13470

F7:Voltage SIR,EI+
511.7199
1.086e+005



Acquired Date

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ID: WS#4779396/4767897, TI, DIS272

Description: MATSPK% DILX5

Vial: 5

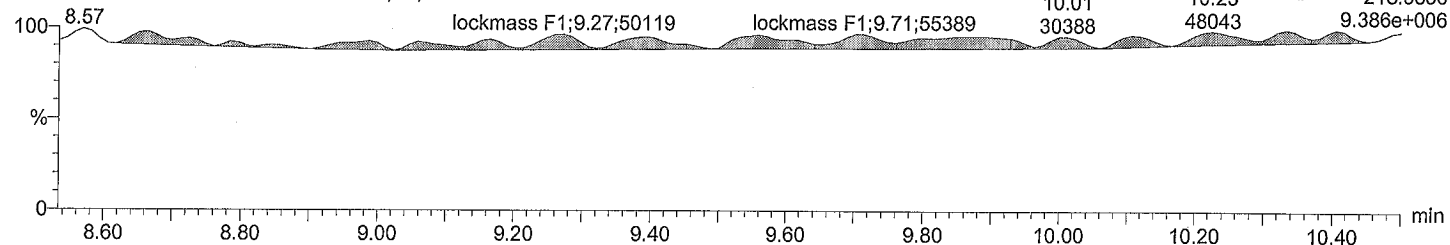
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lockmass F1

M2161207A04 Smooth(SG,3x1)

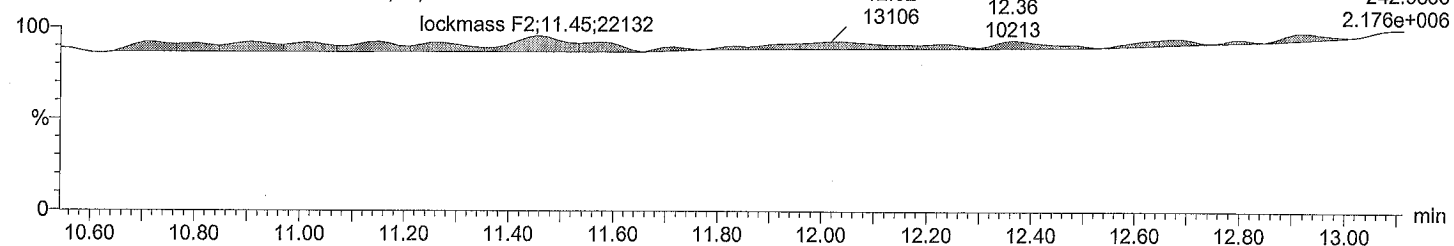
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lockmass F2

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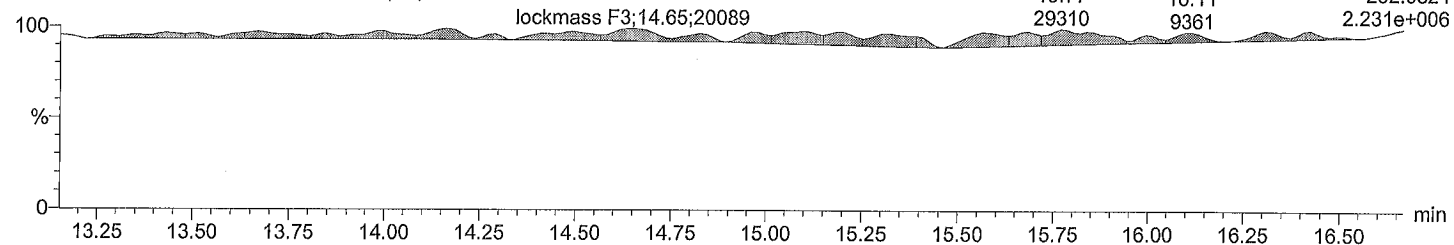
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lockmass F3

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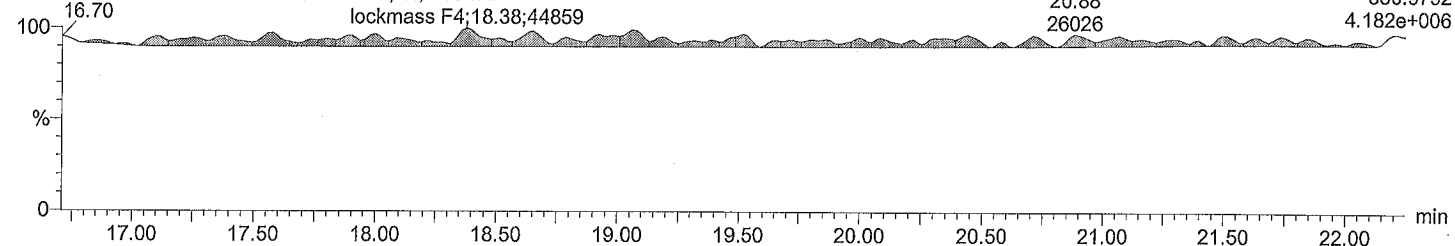
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lockmass F4

M2161207A04 Smooth(SG,3x1)

MATSPK% DILX5 WS#4779396/4767897, TI, DIS272



Acquired Date

Dataset: M:\ULTIMA 2\Finished\m2161207A_finished_1668\M2161207A_samp_1668.qld

Last Altered: Monday, December 12, 2016 3:06:01 PM

Printed: Monday, December 12, 2016 3:06:59 PM

ID: WS#4779396/4767897, TI, DIS272

Description: MATSPK% DILX5

Vial: 5

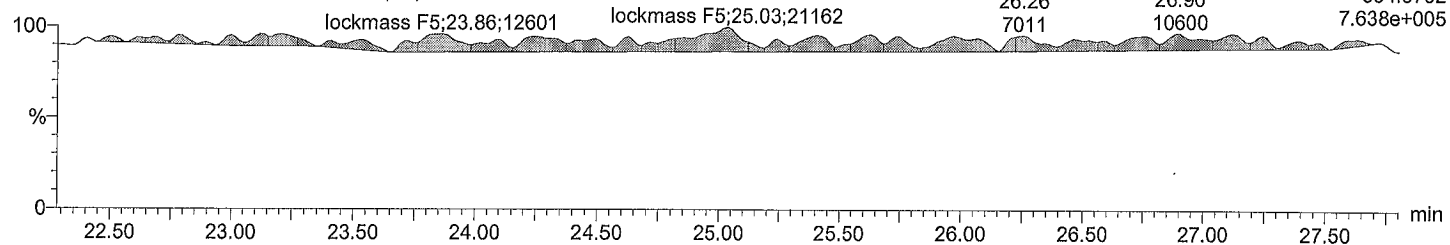
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lockmass F5

M2161207A04 Smooth(SG,3x1)

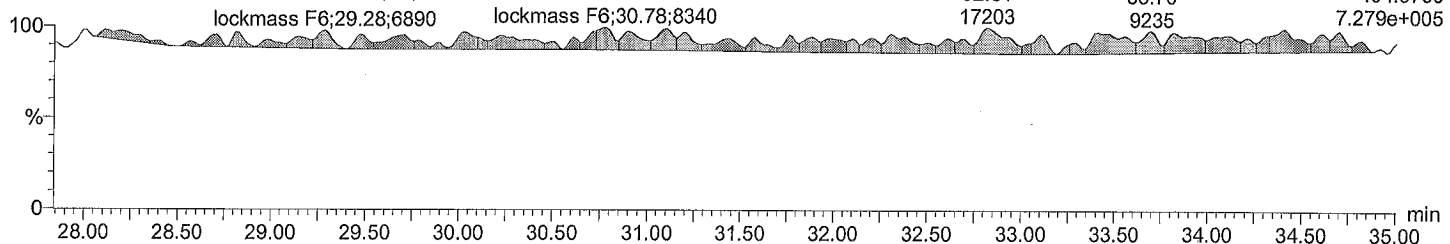
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lockmass F6

M2161207A04 Smooth(SG,3x1)

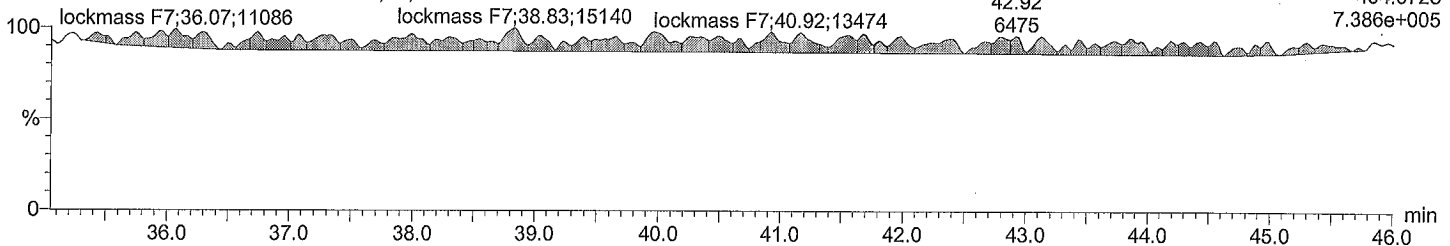
MATSPK% DILX5 WS#4779396/4767897, TI, DIS272



lockmass F7

M2161207A04 Smooth(SG,3x1)

MATSPK% DILX5 WS#4779396/4767897, TI, DIS272



Sample ID BLANK DILX5
 Comments
 Instrument File Ultima 3
 Sample Size 10

BLANK DILX5

Dil Fac 1.00

| Name | mass | RT | Area | ratio | Tot Area | ng/g | Code | Isomers | DL | S/N | Mod | rrf | Rec |
|--------------|-----------|--------|------|-------|----------|----------|------|---------|-------|-----|-----|-------|-----|
| 1 PCB 1 | 188 | NotFnd | * | * | * | | | | 0.001 | | no | 1.296 | - |
| | MoCB 190 | 8.83 | * | no | * | | | | | | no | 1.65 | - |
| 2 PCB 2 | 188 | NotFnd | * | * | * | | | | 0 | | no | 1.276 | - |
| | MoCB 190 | 9.93 | * | no | * | | | | | | no | 1.186 | - |
| 3 PCB 3 | 188 | NotFnd | * | * | * | | | | 0 | | no | 1.003 | - |
| | MoCB 190 | 10.01 | * | no | * | | | | | | no | 2.123 | - |
| 4 PCB 4 | 222 | NotFnd | * | * | * | | | | 0.01 | | no | 1.83 | - |
| | DICB 224 | 10.13 | * | no | * | | | | | | no | 2.063 | - |
| 5 PCB 10 | 222 | NotFnd | * | * | * | | | | 0.007 | | no | 1.769 | - |
| | DICB 224 | 10.23 | * | no | * | | | | | | no | 2.077 | - |
| 6 PCB 9 | 222 | NotFnd | * | * | * | | | | 0.011 | | no | 2.083 | - |
| | DICB 224 | 11.03 | * | no | * | | | | | | no | 2.077 | - |
| 7 PCB 7 | 222 | NotFnd | * | * | * | | | | 0.013 | | no | 2.083 | - |
| | DICB 224 | 11.09 | * | no | * | | | | | | no | 2.083 | - |
| 8 PCB 6 | 222 | NotFnd | * | * | * | | | | 0.012 | | no | 2.083 | - |
| | DICB 224 | 11.19 | * | no | * | | | | | | no | 2.083 | - |
| 9 PCB 5 | 222 | NotFnd | * | * | * | | | | 0.014 | | no | 2.077 | - |
| | DICB 224 | 11.33 | * | no | * | | | | | | no | 2.077 | - |
| 10 PCB 8 | 222 | NotFnd | * | * | * | | | | 0.012 | | no | 2.077 | - |
| | DICB 224 | 11.37 | * | no | * | | | | | | no | 2.083 | - |
| 11 PCB 14 | 222 | NotFnd | * | * | * | | | | 0.012 | | no | 2.083 | - |
| | DICB 224 | 12.06 | * | no | * | | | | | | no | 2.083 | - |
| 12 PCB 11 | 222 | 12.42 | 2756 | 0.7 | 6690 | 0.012713 | | | 0.012 | 17 | no | 2.03 | - |
| | DICB 224 | 12.41 | 3934 | no | * | | | | | 3 | no | 1.845 | - |
| 13 PCB 13/12 | 222 | NotFnd | * | * | * | | | | 0.013 | | no | 1.845 | - |
| | DICB 224 | 12.57 | * | no | * | | | | | | no | 1.042 | - |
| 14 PCB 15 | 222 | NotFnd | * | * | * | | | | 0.018 | | no | 1.042 | - |
| | DICB 224 | 12.71 | * | no | * | | | | | | no | 1.156 | - |
| 15 PCB 19 | 256 | NotFnd | * | * | * | | | | 0.002 | | no | 0.904 | - |
| | TriCB 258 | 11.49 | * | no | * | | | | | | no | 0.904 | - |
| 16 PCB 30/18 | 256 | NotFnd | * | * | * | | | | 0.001 | | no | 0.904 | - |
| | TriCB 258 | 12.29 | * | no | * | | | | | | no | 0.726 | - |
| 17 PCB 17 | 256 | NotFnd | * | * | * | | | | 0.002 | | no | 0.726 | - |
| | TriCB 258 | 12.48 | * | no | * | | | | | | no | 1.092 | - |
| 18 PCB 27 | 256 | NotFnd | * | * | * | | | | 0.001 | | no | 1.092 | - |
| | TriCB 258 | 12.57 | * | no | * | | | | | | no | 0.938 | - |
| 19 PCB 24 | 256 | NotFnd | * | * | * | | | | 0.001 | | no | 0.938 | - |
| | TriCB 258 | 12.65 | * | no | * | | | | | | no | 0.55 | - |
| 20 PCB 16 | 256 | NotFnd | * | * | * | | | | 0.002 | | no | 0.55 | - |
| | TriCB 258 | 12.69 | * | no | * | | | | | | no | 1.174 | - |
| 21 PCB 32 | 256 | NotFnd | * | * | * | | | | 0.001 | | no | 1.174 | - |
| | TriCB 258 | 12.92 | * | no | * | | | | | | no | 1.844 | - |
| 22 PCB 34 | 256 | NotFnd | * | * | * | | | | 0.001 | | no | 1.844 | - |
| | TriCB 258 | 13.50 | * | no | * | | | | | | no | 1.758 | - |
| 23 PCB 23 | 256 | NotFnd | * | * | * | | | | 0.001 | | no | 1.758 | - |
| | TriCB 258 | 13.59 | * | no | * | | | | | | no | 1.919 | - |
| 24 PCB 26/29 | 256 | NotFnd | * | * | * | | | | 0.001 | | no | 1.919 | - |
| | TriCB 258 | 13.75 | * | no | * | | | | | | no | 1.997 | - |
| 25 PCB 25 | 256 | NotFnd | * | * | * | | | | 0.001 | | no | 1.997 | - |
| | TriCB 258 | 13.84 | * | no | * | | | | | | no | 2.008 | - |
| 26 PCB 31 | 256 | NotFnd | * | * | * | | | | 0.001 | | no | 2.008 | - |
| | TriCB 258 | 14.00 | * | no | * | | | | | | no | 1.794 | - |
| 27 PCB 28/20 | 256 | NotFnd | * | * | * | | | | 0.001 | | no | 1.794 | - |
| | TriCB 258 | 14.15 | * | no | * | | | | | | no | 1.913 | - |
| 28 PCB 21/33 | 256 | NotFnd | * | * | * | | | | 0.001 | | no | 1.913 | - |
| | TriCB 258 | 14.25 | * | no | * | | | | | | no | 1.658 | - |
| 29 PCB 22 | 256 | NotFnd | * | * | * | | | | 0.001 | | no | 1.658 | - |
| | TriCB 258 | 14.48 | * | no | * | | | | | | no | 2.238 | - |
| 30 PCB 36 | 256 | NotFnd | * | * | * | | | | 0 | | no | 2.238 | - |
| | TriCB 258 | 15.29 | * | no | * | | | | | | no | 1.83 | - |
| 31 PCB 39 | 256 | NotFnd | * | * | * | | | | 0.001 | | no | 1.83 | - |
| | TriCB 258 | 15.49 | * | no | * | | | | | | no | 1.841 | - |
| 32 PCB 38 | 256 | NotFnd | * | * | * | | | | 0.001 | | no | 1.841 | - |
| | TriCB 258 | 15.86 | * | no | * | | | | | | no | 1.883 | - |
| 33 PCB 35 | 256 | NotFnd | * | * | * | | | | 0.001 | | no | 1.883 | - |
| | TriCB 258 | 16.09 | * | no | * | | | | | | no | 0.985 | - |
| 34 PCB 37 | 256 | NotFnd | * | * | * | | | | 0.001 | | no | 0.985 | - |
| | TriCB 258 | 16.35 | * | no | * | | | | | | no | 1.02 | - |
| 35 PCB 54 | 290 | NotFnd | * | * | * | | | | 0.001 | | no | 1.02 | - |
| | TCB 292 | 12.85 | * | no | * | | | | | | no | 0.855 | - |
| 36 PCB 53/50 | 290 | NotFnd | * | * | * | | | | 0.001 | | no | 0.855 | - |
| | TCB 292 | 13.84 | * | no | * | | | | | | no | 0.819 | - |
| 37 PCB 45/51 | 290 | NotFnd | * | * | * | | | | 0.001 | | no | 0.819 | - |
| | TCB 292 | 14.20 | * | no | * | | | | | | no | 0.707 | - |
| 38 PCB 46 | 290 | NotFnd | * | * | * | | | | 0.001 | | no | 0.707 | - |
| | TCB 292 | 14.34 | * | no | * | | | | | | no | 0.883 | - |
| 39 PCB 52 | 290 | NotFnd | * | * | * | | | | 0.001 | | no | 0.883 | - |
| | TCB 292 | 15.06 | * | no | * | | | | | | no | 1.131 | - |
| 40 PCB 73 | 290 | NotFnd | * | * | * | | | | 0.001 | | no | 1.131 | - |
| | TCB 292 | 15.12 | * | no | * | | | | | | no | 0.558 | - |
| 41 PCB 43 | 290 | NotFnd | * | * | * | | | | 0.002 | | no | 0.558 | - |
| | TCB 292 | 15.19 | * | no | * | | | | | | no | 0.975 | - |
| 42 PCB 69/49 | 290 | NotFnd | * | * | * | | | | 0.001 | | no | 0.975 | - |
| | TCB 292 | 15.32 | * | no | * | | | | | | no | | - |

| | | | | | | | | | |
|---------------------------|----------|--------|---|----|---|-------|----|-------|---|
| 43 PCB 48 | 290 | NotFnd | * | * | * | 0.001 | no | 0.772 | - |
| | TCB 292 | 15.51 | * | no | * | | | | |
| 44 PCB 44/47/65 | 290 | NotFnd | * | * | * | 0.001 | no | 0.878 | - |
| | TCB 292 | 15.64 | * | no | * | | | | |
| 45 PCB 59/62/75 | 290 | NotFnd | * | * | * | 0.001 | no | 1.1 | - |
| | TCB 292 | 15.82 | * | no | * | | | | |
| 46 PCB 42 | 290 | NotFnd | * | * | * | 0.001 | no | 0.734 | - |
| | TCB 292 | 15.93 | * | no | * | | | | |
| 47 PCB 40/41/71 | 290 | NotFnd | * | * | * | 0.001 | no | 0.804 | - |
| | TCB 292 | 16.22 | * | no | * | | | | |
| 48 PCB 64 | 290 | NotFnd | * | * | * | 0.001 | no | 1.05 | - |
| | TCB 292 | 16.34 | * | no | * | | | | |
| 49 PCB 72 | 290 | NotFnd | * | * | * | 0.001 | no | 1.88 | - |
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| | TCB 292 | 17.05 | * | no | * | | | | |
| 51 PCB 57 | 290 | NotFnd | * | * | * | 0.001 | no | 1.738 | - |
| | TCB 292 | 17.33 | * | no | * | | | | |
| 52 PCB 58 | 290 | NotFnd | * | * | * | 0.001 | no | 1.616 | - |
| | TCB 292 | 17.47 | * | no | * | | | | |
| 53 PCB 67 | 290 | NotFnd | * | * | * | 0.001 | no | 1.834 | - |
| | TCB 292 | 17.58 | * | no | * | | | | |
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| | TCB 292 | 17.77 | * | no | * | | | | |
| 55 PCB 61/70/74/76 | 290 | NotFnd | * | * | * | 0.001 | no | 1.602 | - |
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| | TCB 292 | 18.18 | * | no | * | | | | |
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| | TCB 292 | 18.31 | * | no | * | | | | |
| 58 PCB 56 | 290 | NotFnd | * | * | * | 0.001 | no | 1.511 | - |
| | TCB 292 | 18.67 | * | no | * | | | | |
| 59 PCB 60 | 290 | NotFnd | * | * | * | 0.001 | no | 1.492 | - |
| | TCB 292 | 18.81 | * | no | * | | | | |
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| | TCB 292 | 20.64 | * | no | * | | | | |
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| 65 PCB 104 | 326 | NotFnd | * | * | * | 0 | no | 1.188 | - |
| | PeCB 328 | 15.63 | * | no | * | | | | |
| 66 PCB 96 | 326 | NotFnd | * | * | * | 0 | no | 0.728 | - |
| | PeCB 328 | 15.96 | * | no | * | | | | |
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| | PeCB 328 | 16.99 | * | no | * | | | | |
| 68 PCB 94 | 326 | NotFnd | * | * | * | 0.001 | no | 0.582 | - |
| | PeCB 328 | 17.11 | * | no | * | | | | |
| 69 PCB 95 | 326 | NotFnd | * | * | * | 0.001 | no | 0.71 | - |
| | PeCB 328 | 17.41 | * | no | * | | | | |
| 70 PCB 100/93/102/98 | 326 | NotFnd | * | * | * | 0.001 | no | 0.646 | - |
| | PeCB 328 | 17.57 | * | no | * | | | | |
| 71 PCB 88/91 | 326 | NotFnd | * | * | * | 0.001 | no | 0.663 | - |
| | PeCB 328 | 17.96 | * | no | * | | | | |
| 72 PCB 84 | 326 | NotFnd | * | * | * | 0.001 | no | 0.587 | - |
| | PeCB 328 | 18.15 | * | no | * | | | | |
| 73 PCB 89 | 326 | NotFnd | * | * | * | 0.001 | no | 0.661 | - |
| | PeCB 328 | 18.47 | * | no | * | | | | |
| 74 PCB 121 | 326 | NotFnd | * | * | * | 0.001 | no | 0.874 | - |
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| 75 PCB 92 | 326 | NotFnd | * | * | * | 0.001 | no | 0.681 | - |
| | PeCB 328 | 18.97 | * | no | * | | | | |
| 76 PCB 113/90/101 | 326 | NotFnd | * | * | * | 0.001 | no | 0.764 | - |
| | PeCB 328 | 19.36 | * | no | * | | | | |
| 77 PCB 83/99 | 326 | NotFnd | * | * | * | 0.001 | no | 0.656 | - |
| | PeCB 328 | 19.82 | * | no | * | | | | |
| 78 PCB 112 | 326 | NotFnd | * | * | * | 0.001 | no | 0.885 | - |
| | PeCB 328 | 19.91 | * | no | * | | | | |
| 79 PCB 109/119/86/97/125/ | 326 | NotFnd | * | * | * | 0.001 | no | 0.768 | - |
| | PeCB 328 | 20.19 | * | no | * | | | | |
| 80 PCB 117/116/85 | 326 | NotFnd | * | * | * | 0.001 | no | 0.808 | - |
| | PeCB 328 | 20.77 | * | no | * | | | | |
| 81 PCB 110/115 | 326 | NotFnd | * | * | * | 0.001 | no | 0.794 | - |
| | PeCB 328 | 20.86 | * | no | * | | | | |
| 82 PCB 82 | 326 | NotFnd | * | * | * | 0.001 | no | 0.585 | - |
| | PeCB 328 | 21.13 | * | no | * | | | | |
| 83 PCB 111 | 326 | NotFnd | * | * | * | 0.001 | no | 0.845 | - |
| | PeCB 328 | 21.42 | * | no | * | | | | |
| 84 PCB 120 | 326 | NotFnd | * | * | * | 0.001 | no | 0.979 | - |
| | PeCB 328 | 21.78 | * | no | * | | | | |
| 85 PCB 108/124 | 326 | NotFnd | * | * | * | 0 | no | 1.406 | - |
| | PeCB 328 | 22.72 | * | no | * | | | | |
| 86 PCB 107 | 326 | NotFnd | * | * | * | 0 | no | 1.584 | - |
| | PeCB 328 | 22.93 | * | no | * | | | | |
| 87 PCB 123 | 326 | NotFnd | * | * | * | 0 | no | 0.947 | - |
| | PeCB 328 | 23.02 | * | no | * | | | | |
| 88 PCB 106 | 326 | NotFnd | * | * | * | 0 | no | 1.425 | - |
| | PeCB 328 | 23.14 | * | no | * | | | | |
| 89 PCB 118 | 326 | NotFnd | * | * | * | 0 | no | 1.042 | - |
| | PeCB 328 | 23.32 | * | no | * | | | | |

| | | | | | | | | | | | | | | |
|-----|-----------------|----------|--------|-----|------|------|----------|--|--|----------|----|-----|-------|---|
| 90 | PCB 122 | 326 | NotFnd | * | * | * | | | | 0 | | no | 1.379 | - |
| | | PeCB 328 | 23.57 | * | no | * | | | | | | | | |
| 91 | PCB 114 | 326 | NotFnd | * | * | * | | | | 0 | | no | 1.076 | - |
| | | PeCB 328 | 23.77 | * | no | * | | | | | | | | |
| 92 | PCB 105 | 326 | NotFnd | * | * | * | | | | 0 | | no | 1.04 | - |
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| 93 | PCB 127 | 326 | NotFnd | * | * | * | | | | 0 | | no | 1.489 | - |
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| 94 | PCB 126 | 326 | NotFnd | * | * | * | | | | 0 | | no | 1.037 | - |
| | | PeCB 328 | 27.15 | * | no | * | | | | | | | | |
| 95 | PCB 155 | 360 | NotFnd | * | * | * | | | | 0 | | no | 1.079 | - |
| | | HxCB 362 | 19.23 | * | no | * | | | | | | | | |
| 96 | PCB 152 | 360 | NotFnd | * | * | * | | | | 0 | | no | 0.762 | - |
| | | HxCB 362 | 19.36 | * | no | * | | | | | | | | |
| 97 | PCB 150 | 360 | NotFnd | * | * | * | | | | 0 | | no | 0.629 | - |
| | | HxCB 362 | 19.50 | * | no | * | | | | | | | | |
| 98 | PCB 136 | 360 | NotFnd | * | * | * | | | | 0 | | no | 0.715 | - |
| | | HxCB 362 | 19.77 | * | no | * | | | | | | | | |
| 99 | PCB 145 | 360 | NotFnd | * | * | * | | | | 0 | | no | 0.632 | - |
| | | HxCB 362 | 20.00 | * | no | * | | | | | | | | |
| 100 | PCB 148 | 360 | NotFnd | * | * | * | | | | 0.001 | | no | 0.536 | - |
| | | HxCB 362 | 21.09 | * | no | * | | | | | | | | |
| 101 | PCB 151/135 | 360 | NotFnd | * | * | * | | | | 0.001 | | no | 0.493 | - |
| | | HxCB 362 | 21.59 | * | no | * | | | | | | | | |
| 102 | PCB 154 | 360 | NotFnd | * | * | * | | | | 0 | | no | 0.594 | - |
| | | HxCB 362 | 21.78 | * | no | * | | | | | | | | |
| 103 | PCB 144 | 360 | NotFnd | * | * | * | | | | 0.001 | | no | 0.54 | - |
| | | HxCB 362 | 22.03 | * | no | * | | | | | | | | |
| 104 | PCB 147/149 | 360 | NotFnd | * | * | * | | | | 0.001 | | no | 0.694 | - |
| | | HxCB 362 | 22.34 | * | no | * | | | | | | | | |
| 105 | PCB 134/143 | 360 | NotFnd | * | * | * | | | | 0.001 | | no | 0.626 | - |
| | | HxCB 362 | 22.59 | * | no | * | | | | | | | | |
| 106 | PCB 139/140 | 360 | NotFnd | * | * | * | | | | 0.001 | | no | 0.727 | - |
| | | HxCB 362 | 22.84 | * | no | * | | | | | | | | |
| 107 | PCB 131 | 360 | NotFnd | * | * | * | | | | 0.001 | | no | 0.588 | - |
| | | HxCB 362 | 23.01 | * | no | * | | | | | | | | |
| 108 | PCB 142 | 360 | NotFnd | * | * | * | | | | 0.001 | | no | 0.665 | - |
| | | HxCB 362 | 23.17 | * | no | * | | | | | | | | |
| 109 | PCB 132 | 360 | NotFnd | * | * | * | | | | 0.001 | | no | 0.588 | - |
| | | HxCB 362 | 23.42 | * | no | * | | | | | | | | |
| 110 | PCB 133 | 360 | NotFnd | * | * | * | | | | 0.001 | | no | 0.691 | - |
| | | HxCB 362 | 23.80 | * | no | * | | | | | | | | |
| 111 | PCB 165 | 360 | NotFnd | * | * | * | | | | 0.001 | | no | 0.799 | - |
| | | HxCB 362 | 24.16 | * | no | * | | | | | | | | |
| 112 | PCB 146 | 360 | NotFnd | * | * | * | | | | 0.001 | | no | 0.771 | - |
| | | HxCB 362 | 24.36 | * | no | * | | | | | | | | |
| 113 | PCB 161 | 360 | NotFnd | * | * | * | | | | 0.001 | | no | 0.951 | - |
| | | HxCB 362 | 24.50 | * | no | * | | | | | | | | |
| 114 | PCB 153/168 | 360 | 24.93 | 560 | 1.36 | 972 | 0.00388 | | | 0 | 21 | yes | 0.846 | - |
| | | HxCB 362 | 24.94 | 413 | yes | * | | | | | 0 | | | |
| 115 | PCB 141 | 360 | NotFnd | * | * | * | | | | 0.001 | | no | 0.667 | - |
| | | HxCB 362 | 25.08 | * | no | * | | | | | | | | |
| 116 | PCB 130 | 360 | NotFnd | * | * | * | | | | 0.001 | | no | 0.628 | - |
| | | HxCB 362 | 25.46 | * | no | * | | | | | | | | |
| 117 | PCB 137 | 360 | NotFnd | * | * | * | | | | 0.001 | | no | 0.636 | - |
| | | HxCB 362 | 25.69 | * | no | * | | | | | | | | |
| 118 | PCB 164 | 360 | NotFnd | * | * | * | | | | 0.001 | | no | 0.873 | - |
| | | HxCB 362 | 25.77 | * | no | * | | | | | | | | |
| 119 | PCB 138/163/129 | 360 | 26.07 | 649 | 1.61 | 1052 | 0.004947 | | | 0 | 23 | yes | 0.718 | - |
| | | HxCB 362 | 26.06 | 403 | no | * | | | | | 0 | | | |
| 120 | PCB 160 | 360 | NotFnd | * | * | * | | | | 0.001 | | no | 0.762 | - |
| | | HxCB 362 | 26.21 | * | no | * | | | | | | | | |
| 121 | PCB 158 | 360 | NotFnd | * | * | * | | | | 0.001 | | no | 0.947 | - |
| | | HxCB 362 | 26.41 | * | no | * | | | | | | | | |
| 122 | PCB 128/166 | 360 | NotFnd | * | * | * | | | | 0.001 | | no | 0.765 | - |
| | | HxCB 362 | 27.25 | * | no | * | | | | | | | | |
| 123 | PCB 159 | 360 | NotFnd | * | * | * | | | | 0 | | no | 1.417 | - |
| | | HxCB 362 | 28.20 | * | no | * | | | | | | | | |
| 124 | PCB 162 | 360 | NotFnd | * | * | * | | | | 0 | | no | 1.28 | - |
| | | HxCB 362 | 28.47 | * | no | * | | | | | | | | |
| 125 | PCB 167 | 360 | NotFnd | * | * | * | | | | 0 | | no | 0.951 | - |
| | | HxCB 362 | 28.96 | * | no | * | | | | | | | | |
| 126 | PCB 156/157 | 360 | NotFnd | * | * | * | | | | 0 | | no | 1.036 | - |
| | | HxCB 362 | 30.11 | * | no | * | | | | | | | | |
| 127 | PCB 169 | 360 | NotFnd | * | * | * | | | | 0 | | no | 0.973 | - |
| | | HxCB 362 | 33.48 | * | no | * | | | | | | | | |
| 128 | PCB 188 | 394 | NotFnd | * | * | * | -0.0015 | | | -0.0015 | * | no | 1.053 | - |
| | | HpCB 396 | 23.74 | * | no | * | | | | | | | | |
| 129 | PCB 179 | 394 | NotFnd | * | * | * | -0.00156 | | | -0.00156 | * | no | 1.017 | - |
| | | HpCB 396 | 24.02 | * | no | * | | | | | | | | |
| 130 | PCB 184 | 394 | NotFnd | * | * | * | -0.00166 | | | -0.00166 | * | no | 0.955 | - |
| | | HpCB 396 | 24.49 | * | no | * | | | | | | | | |
| 131 | PCB 176 | 394 | NotFnd | * | * | * | -0.00161 | | | -0.00161 | * | no | 0.981 | - |
| | | HpCB 396 | 24.80 | * | no | * | | | | | | | | |
| 132 | PCB 186 | 394 | NotFnd | * | * | * | -0.00184 | | | -0.00184 | * | no | 0.858 | - |
| | | HpCB 396 | 25.23 | * | no | * | | | | | | | | |
| 133 | PCB 178 | 394 | NotFnd | * | * | * | -0.00228 | | | -0.00228 | * | no | 0.694 | - |
| | | HpCB 396 | 26.49 | * | no | * | | | | | | | | |
| 134 | PCB 175 | 394 | NotFnd | * | * | * | -0.00215 | | | -0.00215 | * | no | 0.737 | - |
| | | HpCB 396 | 27.08 | * | no | * | | | | | | | | |
| 135 | PCB 187 | 394 | NotFnd | * | * | * | -0.00227 | | | -0.00227 | * | no | 0.696 | - |
| | | HpCB 396 | 27.32 | * | no | * | | | | | | | | |
| 136 | PCB 182 | 394 | NotFnd | * | * | * | -0.00216 | | | -0.00216 | * | no | 0.731 | - |
| | | HpCB 396 | 27.53 | * | no | * | | | | | | | | |

| | | | | | | | | | | | |
|-------------------|----------|--------|-------|------|--------|----------|----------|------|----|-------|-----|
| 137 PCB 183 | 394 | NotFnd | * | * | * | -0.00415 | -0.00415 | * | no | 1.038 | - |
| | HpCB 396 | 27.92 | * | no | * | | | * | | | |
| 138 PCB 185 | 394 | NotFnd | * | * | * | -0.0048 | -0.0048 | * | no | 0.896 | - |
| | HpCB 396 | 28.04 | * | no | * | | | * | | | |
| 139 PCB 174 | 394 | NotFnd | * | * | * | -0.00492 | -0.00492 | * | no | 0.874 | - |
| | HpCB 396 | 28.14 | * | no | * | | | * | | | |
| 140 PCB 177 | 394 | NotFnd | * | * | * | -0.00476 | -0.00476 | * | no | 0.905 | - |
| | HpCB 396 | 28.58 | * | no | * | | | * | | | |
| 141 PCB 181 | 394 | NotFnd | * | * | * | -0.00498 | -0.00498 | * | no | 0.864 | - |
| | HpCB 396 | 28.99 | * | no | * | | | * | | | |
| 142 PCB 171/173 | 394 | NotFnd | * | * | * | -0.00477 | -0.00477 | * | no | 0.902 | - |
| | HpCB 396 | 29.21 | * | no | * | | | * | | | |
| 143 PCB 172 | 394 | NotFnd | * | * | * | -0.00484 | -0.00484 | * | no | 0.89 | - |
| | HpCB 396 | 30.85 | * | no | * | | | * | | | |
| 144 PCB 192 | 394 | NotFnd | * | * | * | -0.00424 | -0.00424 | * | no | 1.014 | - |
| | HpCB 396 | 31.16 | * | no | * | | | * | | | |
| 145 PCB 193/180 | 394 | NotFnd | * | * | * | -0.00342 | -0.00342 | * | no | 1.26 | - |
| | HpCB 396 | 31.51 | * | no | * | | | * | | | |
| 146 PCB 191 | 394 | NotFnd | * | * | * | -0.00354 | -0.00354 | * | no | 1.214 | - |
| | HpCB 396 | 31.89 | * | no | * | | | * | | | |
| 147 PCB 170 | 394 | NotFnd | * | * | * | -0.00357 | -0.00357 | * | no | 1.206 | - |
| | HpCB 396 | 32.85 | * | no | * | | | * | | | |
| 148 PCB 190 | 394 | NotFnd | * | * | * | -0.00375 | -0.00375 | * | no | 1.148 | - |
| | HpCB 396 | 33.41 | * | no | * | | | * | | | |
| 149 PCB 189 | 394 | NotFnd | * | * | * | -0.00168 | -0.00168 | * | no | 0.91 | - |
| | HpCB 396 | 36.24 | * | no | * | | | * | | | |
| 150 PCB 202 | 428 | NotFnd | * | * | * | -0.00346 | -0.00346 | * | no | 1.08 | - |
| | OcCB 430 | 28.72 | * | no | * | | | * | | | |
| 151 PCB 201 | 428 | NotFnd | * | * | * | -0.00339 | -0.00339 | * | no | 1.104 | - |
| | OcCB 430 | 29.64 | * | no | * | | | * | | | |
| 152 PCB 204 | 428 | NotFnd | * | * | * | -0.00341 | -0.00341 | * | no | 1.098 | - |
| | OcCB 430 | 30.33 | * | no | * | | | * | | | |
| 153 PCB 197 | 428 | NotFnd | * | * | * | -0.0039 | -0.0039 | * | no | 0.959 | - |
| | OcCB 430 | 30.56 | * | no | * | | | * | | | |
| 154 PCB 200 | 428 | NotFnd | * | * | * | -0.00332 | -0.00332 | * | no | 1.126 | - |
| | OcCB 430 | 30.64 | * | no | * | | | * | | | |
| 155 PCB 198/199 | 428 | NotFnd | * | * | * | -0.0051 | -0.0051 | * | no | 0.734 | - |
| | OcCB 430 | 33.57 | * | no | * | | | * | | | |
| 156 PCB 196 | 428 | NotFnd | * | * | * | -0.00485 | -0.00485 | * | no | 0.771 | - |
| | OcCB 430 | 34.31 | * | no | * | | | * | | | |
| 157 PCB 203 | 428 | NotFnd | * | * | * | -0.00519 | -0.00519 | * | no | 0.721 | - |
| | OcCB 430 | 34.54 | * | no | * | | | * | | | |
| 158 PCB 195 | 428 | NotFnd | * | * | * | -0.00249 | -0.00249 | * | no | 0.97 | - |
| | OcCB 430 | 35.95 | * | no | * | | | * | | | |
| 159 PCB 194 | 428 | NotFnd | * | * | * | -0.00234 | -0.00234 | * | no | 1.035 | - |
| | OcCB 430 | 38.57 | * | no | * | | | * | | | |
| 160 PCB 205 | 428 | NotFnd | * | * | * | -0.00226 | -0.00226 | * | no | 1.071 | - |
| | OcCB 430 | 39.11 | * | no | * | | | * | | | |
| 161 PCB 208 | 462 | NotFnd | * | * | * | | 0.002 | * | no | 1.082 | - |
| | NoCB 464 | 35.71 | * | no | * | | | * | | | |
| 162 PCB 207 | 462 | NotFnd | * | * | * | | 0.002 | * | no | 1.338 | - |
| | NoCB 464 | 36.71 | * | no | * | | | * | | | |
| 163 PCB 206 | 462 | NotFnd | * | * | * | | 0.002 | * | no | 1.077 | - |
| | NoCB 464 | 41.05 | * | no | * | | | * | | | |
| 164 PCB 209 | 498 | NotFnd | * | * | * | | 0 | * | no | 1.024 | - |
| | DCB 500 | 42.94 | * | no | * | | | * | | | |
| 165 PCB 1L | 200 | 8.83 | 35190 | 3.29 | 45880 | 0.110915 | 0.003 | 819 | no | 0.821 | 55 |
| | 202 | 8.83 | 10691 | yes | | | | 56 | | | |
| 166 PCB 3L | 200 | 10.01 | 38387 | 3.43 | 49587 | 0.118938 | 0.003 | 887 | no | 0.828 | 59 |
| | 202 | 10.01 | 11200 | yes | | | | 57 | | | |
| 167 PCB 4L | 234 | 10.13 | 12953 | 1.44 | 21975 | 0.154951 | 0.007 | 71 | no | 0.282 | 77 |
| | 236 | 10.13 | 9022 | yes | | | | 174 | | | |
| 168 PCB 15L | 234 | 12.71 | 51659 | 1.72 | 81730 | 0.152531 | 0.004 | 96 | no | 1.064 | 76 |
| | 236 | 12.70 | 30072 | yes | | | | 197 | | | |
| 169 PCB 19L | 268 | 11.49 | 13683 | 0.94 | 28171 | 0.162021 | 0.036 | 17 | no | 0.345 | 81 |
| | 270 | 11.49 | 14488 | yes | | | | 10 | | | |
| 170 PCB 37L | 268 | 16.34 | 45551 | 1.02 | 90091 | 0.162978 | 0.011 | 64 | no | 2.614 | 81 |
| | 270 | 16.34 | 44540 | yes | | | | 32 | | | |
| 171 PCB 54L | 302 | 12.83 | 13058 | 0.77 | 29925 | 0.186676 | 0.005 | 67 | no | 0.758 | 93 |
| | 304 | 12.85 | 16867 | yes | | | | 216 | | | |
| 172 PCB 81L | 302 | 20.95 | 31585 | 0.83 | 69443 | 0.175039 | 0.002 | 160 | no | 1.876 | 88 |
| | 304 | 20.95 | 37858 | yes | | | | 538 | | | |
| 173 PCB 77L | 302 | 21.38 | 30018 | 0.82 | 66627 | 0.175147 | 0.002 | 143 | no | 1.799 | 88 |
| | 304 | 21.39 | 36610 | yes | | | | 504 | | | |
| 174 PCB 104L | 338 | 15.61 | 20415 | 1.54 | 33708 | 0.196779 | 0.001 | 1438 | no | 0.967 | 98 |
| | 340 | 15.61 | 13293 | yes | | | | 1011 | | | |
| 175 PCB 123L | 338 | 23.00 | 43671 | 1.65 | 70159 | 0.172655 | 0.001 | 1648 | no | 2.293 | 86 |
| | 340 | 23.01 | 26488 | yes | | | | 458 | | | |
| 176 PCB 118L | 338 | 23.27 | 43962 | 1.76 | 68957 | 0.176633 | 0.001 | 1592 | no | 2.203 | 88 |
| | 340 | 23.30 | 24994 | yes | | | | 436 | | | |
| 177 PCB 114L | 338 | 23.74 | 39032 | 1.56 | 64062 | 0.176418 | 0.001 | 1420 | no | 2.049 | 88 |
| | 340 | 23.74 | 25030 | yes | | | | 440 | | | |
| 178 PCB 105L | 338 | 24.31 | 41668 | 1.65 | 66903 | 0.178604 | 0.001 | 1468 | no | 2.114 | 89 |
| | 340 | 24.32 | 25235 | yes | | | | 419 | | | |
| 179 PCB 126L | 338 | 27.12 | 40448 | 1.67 | 64717 | 0.175849 | 0.001 | 1378 | no | 2.077 | 88 |
| | 340 | 27.13 | 24270 | yes | | | | 397 | | | |
| 180 PCB 155L | 372 | 19.21 | 23469 | 1.34 | 40944 | 0.207401 | 0 | 2534 | no | 1.056 | 104 |
| | 374 | 19.19 | 17475 | yes | | | | 998 | | | |
| 181 PCB 167L | 372 | 28.93 | 41466 | 1.34 | 72316 | 0.17057 | 0.001 | 511 | no | 2.269 | 85 |
| | 374 | 28.93 | 30850 | yes | | | | 657 | | | |
| 182 PCB 156L/157L | 372 | 30.08 | 76082 | 1.31 | 134335 | 0.346466 | 0.001 | 745 | no | 2.075 | 87 |
| | 374 | 30.07 | 58254 | yes | | | | 996 | | | |
| 183 PCB 169L | 372 | 33.44 | 32829 | 1.37 | 56741 | 0.14171 | 0.001 | 373 | no | 2.142 | 71 |
| | 374 | 33.43 | 23912 | yes | | | | 475 | | | |

| | | | | | | | | | | | |
|-----------------------|-----|--------|--------|------|--------|----------|-------|----------|-----|-------|-----|
| 184 PCB 188L | 406 | 23.71 | 21385 | 1.03 | 42219 | 0.204732 | 0.001 | 820 | no | 1.103 | 102 |
| | 408 | 23.72 | 20833 | yes | | | | 832 | | | |
| 185 PCB 180L | 406 | 31.51 | 20315 | 1.13 | 38356 | 0.190036 | 0.001 | 414 | yes | 1.219 | 95 |
| | 408 | 31.53 | 18040 | yes | | | | 0 | | | |
| 186 PCB 170L | 406 | 32.82 | 17736 | 1.05 | 34594 | 0.19124 | 0.001 | 347 | no | 1.093 | 96 |
| | 408 | 32.80 | 16858 | yes | | | | 803 | | | |
| 187 PCB 189L | 406 | 36.21 | 38629 | 1.02 | 76602 | 0.190986 | 0.001 | 340 | no | 2.422 | 95 |
| | 408 | 36.19 | 37972 | yes | | | | 592 | | | |
| 188 PCB 202L | 440 | 28.69 | 17750 | 0.85 | 38695 | 0.196355 | 0.001 | 1533 | no | 1.19 | 98 |
| | 442 | 28.71 | 20945 | yes | | | | 744 | | | |
| 189 PCB 205L | 440 | 39.07 | 22862 | 0.98 | 46161 | 0.188688 | 0.001 | 944 | no | 1.478 | 94 |
| | 442 | 39.04 | 23299 | yes | | | | 860 | | | |
| 190 PCB 208L | 474 | 35.67 | 18353 | 0.85 | 35510 | 0.185026 | 0.001 | 484 | no | 1.159 | 93 |
| | 476 | 35.69 | 19157 | yes | | | | 469 | | | |
| 191 PCB 206L | 474 | 41.05 | 12442 | 0.88 | 26668 | 0.197849 | 0.002 | 373 | no | 0.814 | 99 |
| | 476 | 41.05 | 14227 | yes | | | | 336 | | | |
| 192 PCB 209L | 510 | 42.90 | 15463 | 1.09 | 29606 | 0.236929 | 0.001 | 780 | no | 0.755 | 118 |
| | 512 | 42.90 | 14143 | yes | | | | 1792 | | | |
| 193 PCB 28L | 268 | 14.13 | 51321 | 1.14 | 96470 | 0.164083 | 0.01 | 76 | no | 2.78 | 82 |
| PCB Cleanup Standard | 270 | 14.13 | 45150 | yes | | | | 36 | | | |
| 194 PCB 111L | 338 | 21.38 | 29823 | 1.63 | 48122 | 0.203843 | 0 | 2083 | no | 1.332 | 102 |
| PCB Cleanup Standard | 340 | 21.40 | 18298 | yes | | | | 838 | | | |
| 195 PCB 178L | 406 | 26.46 | 14063 | 1.1 | 26876 | 0.221079 | 0.001 | 507 | no | 0.65 | 111 |
| PCB Cleanup Standard | 408 | 26.45 | 12814 | yes | | | | 492 | | | |
| 196 PCB 31L | 268 | NotFnd | * | * | * | | 0.01 | | no | 2.775 | |
| PCB Audit Standard | 270 | 13.98 | * | no | | | | | | | |
| 197 PCB 95L | 338 | NotFnd | * | * | * | | 0.001 | | no | 0.967 | |
| PCB Audit Standard | 340 | 17.39 | * | no | | | | | | | |
| 198 PCB 153L | 372 | NotFnd | * | * | * | | 0.001 | | no | 1.191 | |
| PCB Audit Standard | 374 | 24.92 | * | no | | | | | | | |
| 199 PCB 9L | 234 | 11.01 | 315099 | 1.67 | 503657 | 1.196682 | - | 635 | no | - | - |
| PCB Recovery Standard | 236 | 11.01 | 188559 | yes | | | | 1336 | | | |
| 200 PCB 52L | 302 | 15.06 | 95071 | 0.82 | 211499 | 1.131766 | - | 763 | no | - | - |
| PCB Recovery Standard | 304 | 15.06 | 116428 | yes | | | | 1287 | | | |
| 201 PCB 101L | 338 | 19.36 | 110838 | 1.67 | 177221 | 1.125581 | - | 8371 | no | - | - |
| PCB Recovery Standard | 340 | 19.36 | 66383 | yes | | | | 3180 | | | |
| 202 PCB 138L | 372 | 26.04 | 105869 | 1.31 | 186887 | 1.128498 | - | 4815 | no | - | - |
| PCB Recovery Standard | 374 | 26.05 | 81019 | yes | | | | 1757 | | | |
| 203 PCB 194L | 440 | 38.54 | 80149 | 0.94 | 165567 | 1.134517 | - | 3274 | no | - | - |
| PCB Recovery Standard | 442 | 38.56 | 85418 | yes | | | | 3246 | | | |
| Chlorobiphenyls | | | | | | -0.001 | 0 | -0.001 | | | |
| Dichlorobiphenyls | | | | | | 0.012713 | 1 | -0.018 | | | |
| Trichlorobiphenyls | | | | | | -0.002 | 0 | -0.002 | | | |
| Tetrachlorobiphenyls | | | | | | -0.002 | 0 | -0.002 | | | |
| Pentachlorobiphenyls | | | | | | -0.001 | 0 | -0.001 | | | |
| Hexachlorobiphenyls | | | | | | 0.008827 | 2 | -0.001 | | | |
| Heptachlorobiphenyls | | | | | | -0.00498 | 0 | -0.00498 | | | |
| Octachlorobiphenyls | | | | | | -0.00519 | 0 | -0.00519 | | | |
| Nonachlorobiphenyls | | | | | | -0.002 | 0 | -0.002 | | | |
| Decachlorobiphenyl | | | | | | 0 | 0 | 0 | | | |
| PCB (total) | | | | | | 0.02154 | | | | | |

Acquired Date

Dataset: M:\ULTIMA 2\Finished\m2161207A_finished_1668\M2161207A_samp_1668.qld

Last Altered: Monday, December 12, 2016 3:06:01 PM

Printed: Monday, December 12, 2016 3:07:11 PM

Method: C:\MassLynx\Default.PRO\MethDB\EPA 1668_M2161207A.mdb 08 Dec 2016 12:46:45

Calibration: C:\MassLynx\Default.PRO\CurveDB\m2161207A_209.cdb 08 Dec 2016 13:35:56

ID: WS#4779396/4767897, TI

Description: BLANK DILX5

Vial: 6

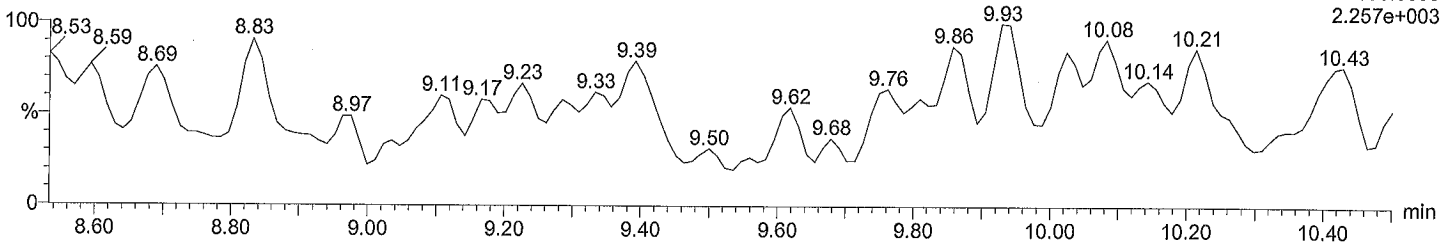
Date: 07-Dec-2016

Time: 12:39:09

Total MoCB F1

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

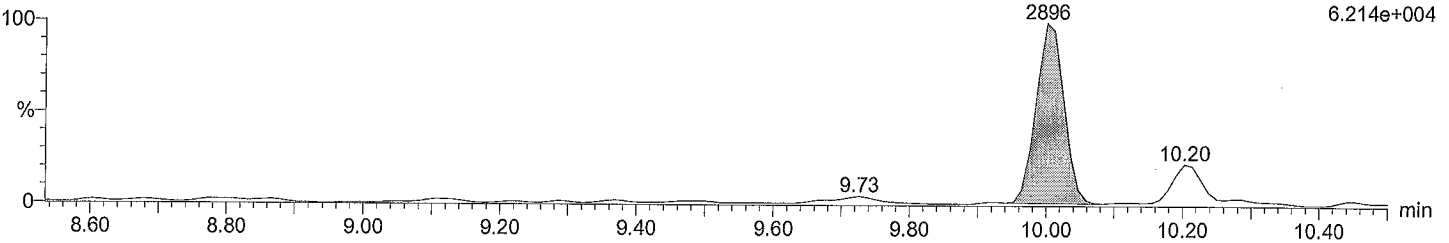
F1:Voltage SIR,EI+
188.0393
2.257e+003



Total MoCB F1

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

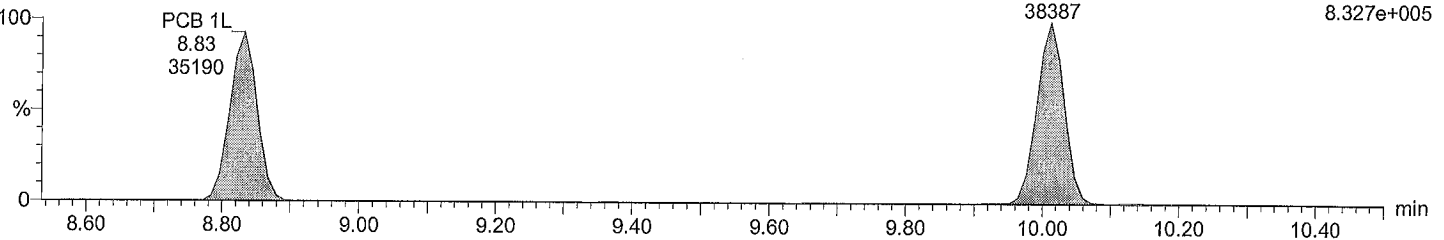
F1:Voltage SIR,EI+
190.0363
6.214e+004



Total MoCB labeled F1

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

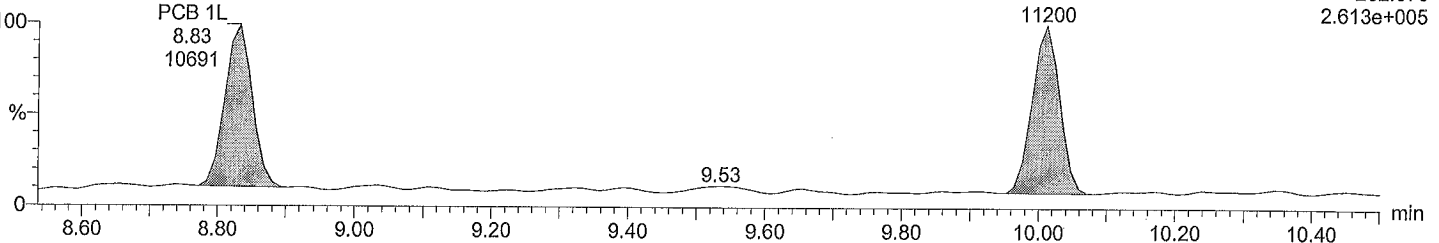
PCB 3L
10.01
38387
F1:Voltage SIR,EI+
200.0795
8.327e+005



Total MoCB labeled F1

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

PCB 3L
10.01
11200
F1:Voltage SIR,EI+
202.076
2.613e+005



Quantify Sample Report

Acquired Date

Dataset: M:\ULTIMA 2\Finished\m2161207A_finished_1668\M2161207A_samp_1668.qld

Last Altered: Monday, December 12, 2016 3:06:01 PM

Printed: Monday, December 12, 2016 3:07:11 PM

ID: WS#4779396/4767897, TI

Description: BLANK DILX5

Vial: 6

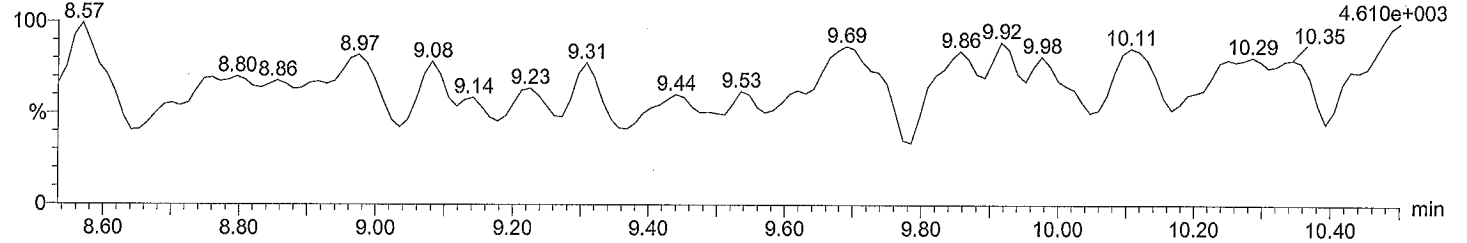
Date: 07-Dec-2016

Time: 12:39:09

Total DiCB F1

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

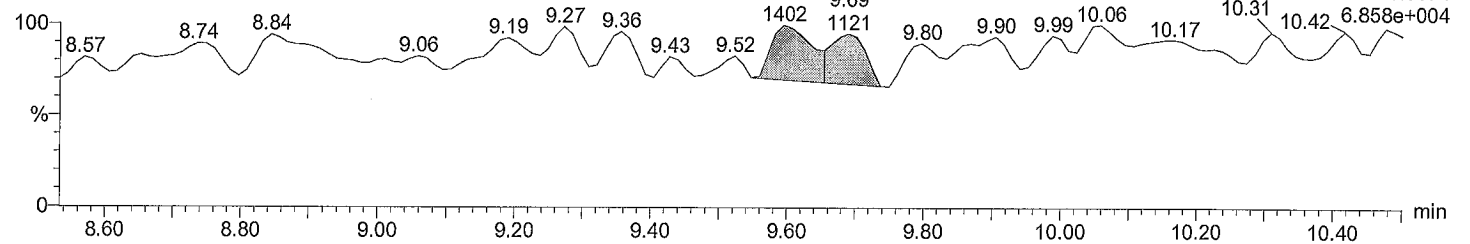
F1:Voltage SIR,EI+
222.0003



Total DiCB F1

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

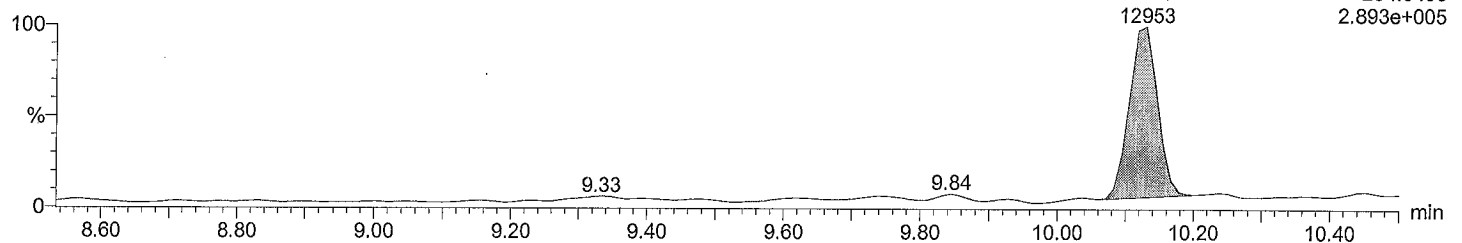
F1:Voltage SIR,EI+
223.9974



Total DiCB labeled F1

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

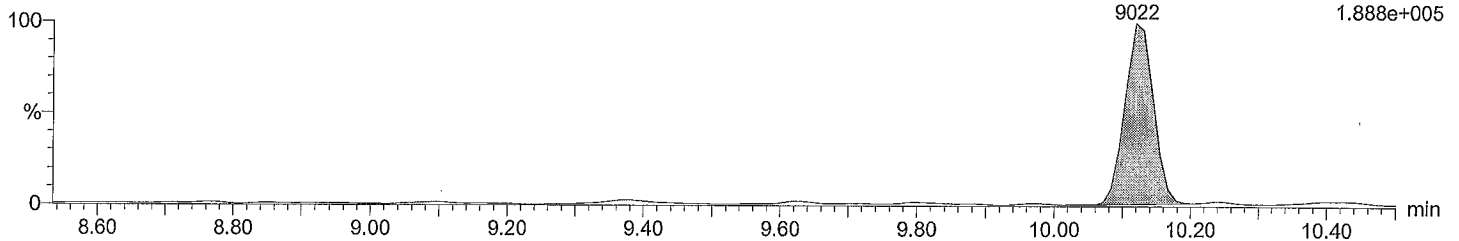
PCB 4L
10.13
12953
F1:Voltage SIR,EI+
234.0406
2.893e+005



Total DiCB labeled F1

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

PCB 4L
10.12
9022
F1:Voltage SIR,EI+
236.0376
1.888e+005



Dataset: M:\ULTIMA 2\Finished\m2161207A_finished_1668\M2161207A_samp_1668.qld

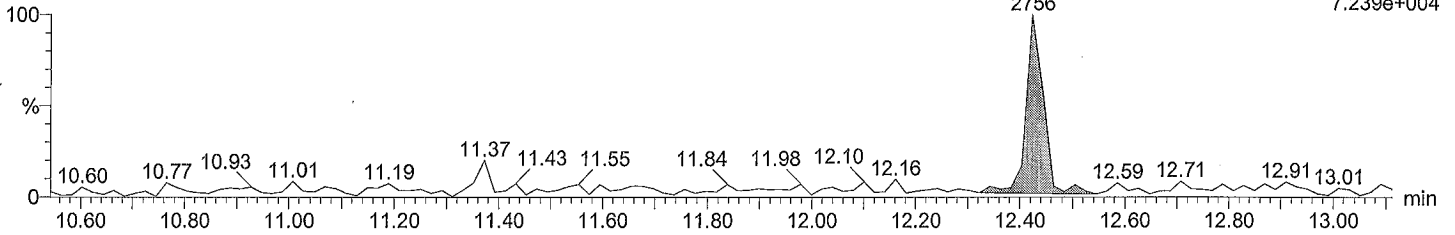
Last Altered: Monday, December 12, 2016 3:06:01 PM
Printed: Monday, December 12, 2016 3:07:11 PM

ID: WS#4779396/4767897, TI
Description: BLANK DILX5
Vial: 6
Date: 07-Dec-2016
Time: 12:39:09

Total DiCB F2

M2161207A06
BLANK DILX5 WS#4779396/4767897, TI

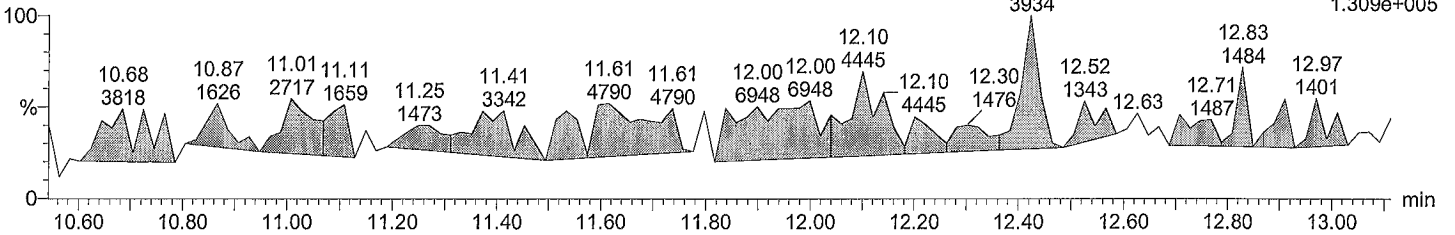
PCB 11
12.42
2756
F2:Voltage SIR,EI+
222.0003
7.239e+004



Total DiCB F2

M2161207A06
BLANK DILX5 WS#4779396/4767897, TI

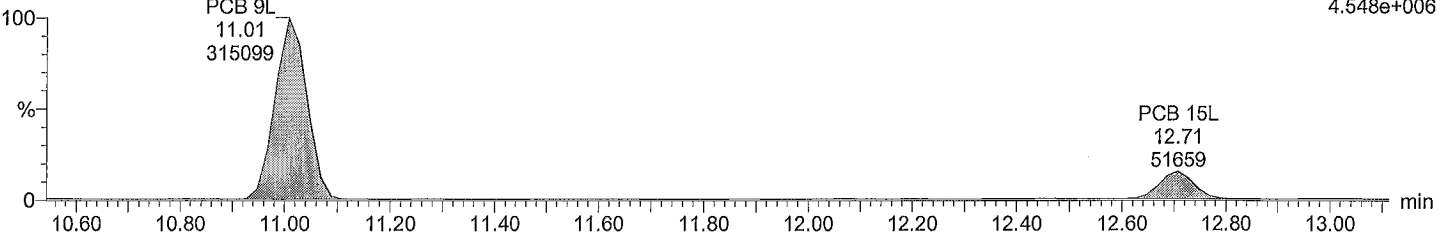
PCB 11
12.42
3934
F2:Voltage SIR,EI+
223.9974
1.309e+005



Total DiCB labeled F2

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

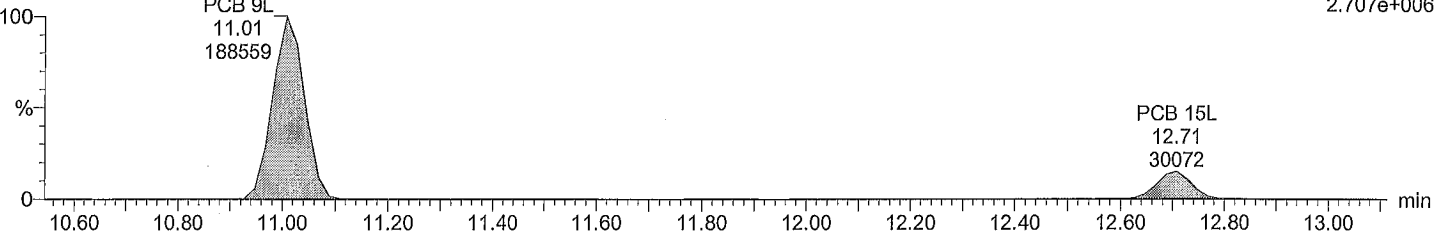
PCB 9L
11.01
315099
F2:Voltage SIR,EI+
234.0406
4.548e+006



Total DiCB labeled F2

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

PCB 9L
11.01
188559
F2:Voltage SIR,EI+
236.0376
2.707e+006



Acquired Date

Dataset: M:\ULTIMA 2\Finished\m2161207A_finished_1668\M2161207A_samp_1668.qld

Last Altered: Monday, December 12, 2016 3:06:01 PM

Printed: Monday, December 12, 2016 3:07:11 PM

ID: WS#4779396/4767897, TI

Description: BLANK DILX5

Vial: 6

Date: 07-Dec-2016

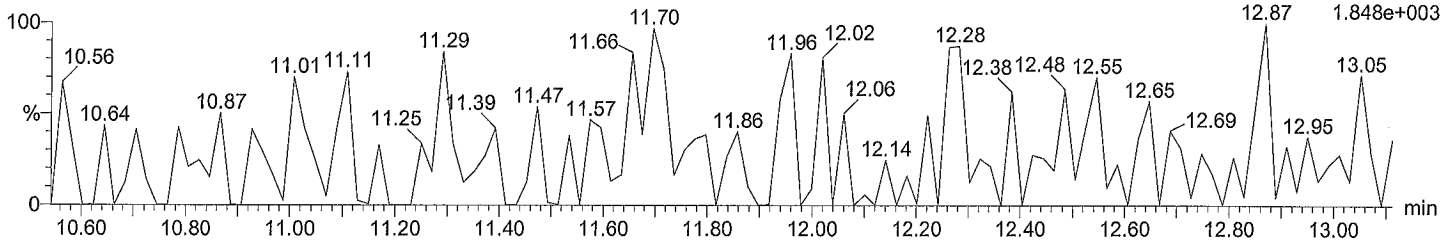
Time: 12:39:09

Total TriCB F2

M2161207A06

BLANK DILX5 WS#4779396/4767897, TI

F2:Voltage SIR,EI+
255.9614
1.848e+003

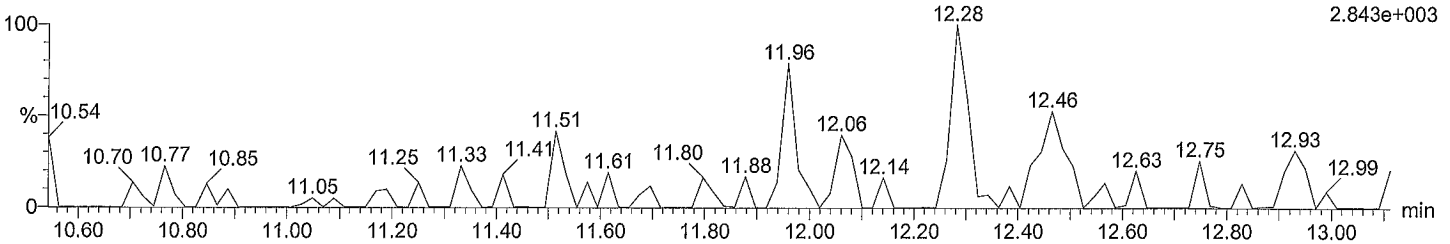


Total TriCB F2

M2161207A06

BLANK DILX5 WS#4779396/4767897, TI

F2:Voltage SIR,EI+
257.9584
2.843e+003

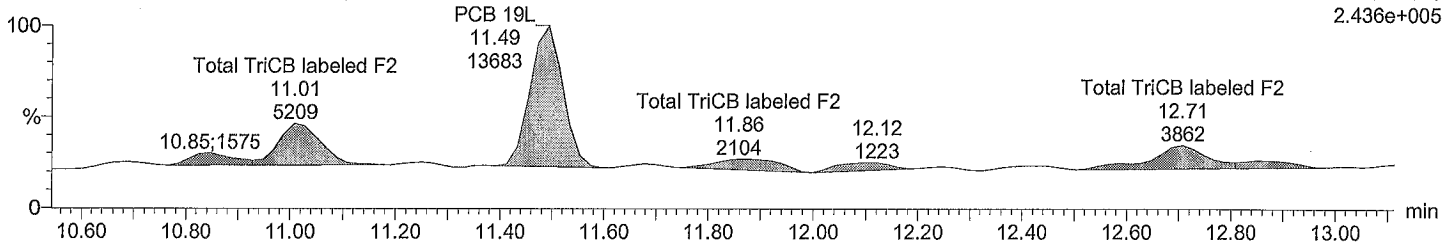


Total TriCB labeled F2

M2161207A06 Smooth(SG,3x1)

BLANK DILX5 WS#4779396/4767897, TI

F2:Voltage SIR,EI+
268.0016
2.436e+005

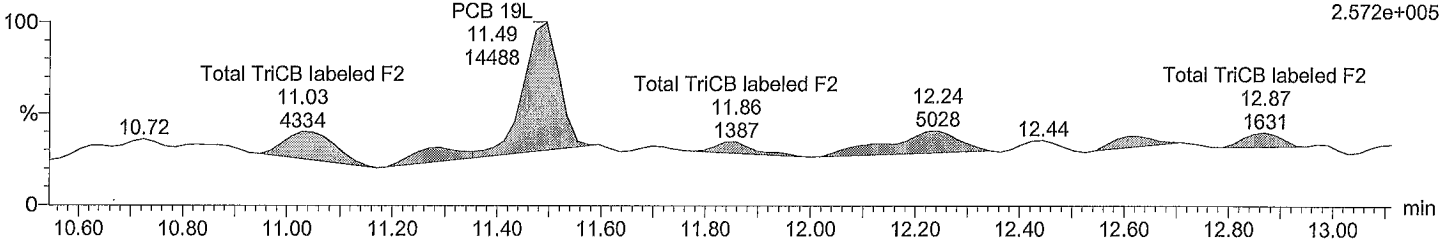


Total TriCB labeled F2

M2161207A06 Smooth(SG,3x1)

BLANK DILX5 WS#4779396/4767897, TI

F2:Voltage SIR,EI+
269.9986
2.572e+005



Acquired Date

Dataset: M:\ULTIMA 2\Finished\m2161207A_finished_1668\M2161207A_samp_1668.qld

Last Altered: Monday, December 12, 2016 3:06:01 PM

Printed: Monday, December 12, 2016 3:07:11 PM

ID: WS#4779396/4767897, TI

Description: BLANK DILX5

Vial: 6

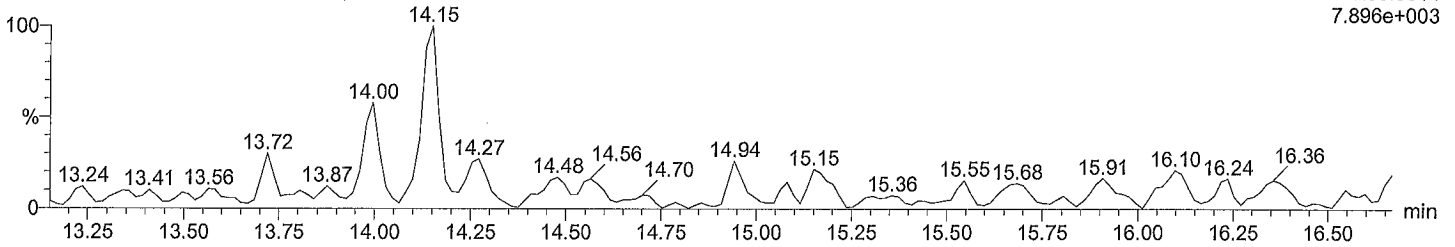
Date: 07-Dec-2016

Time: 12:39:09

Total TriCB F3

M2161207A06 Smooth(SG,1x1)
BLANK DILX5 WS#4779396/4767897, TI

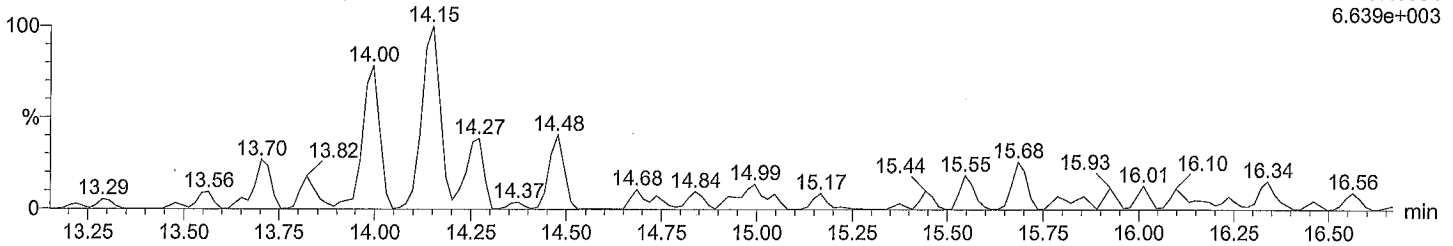
F3:Voltage SIR,EI+
255.9614
7.896e+003



Total TriCB F3

M2161207A06 Smooth(SG,1x1)
BLANK DILX5 WS#4779396/4767897, TI

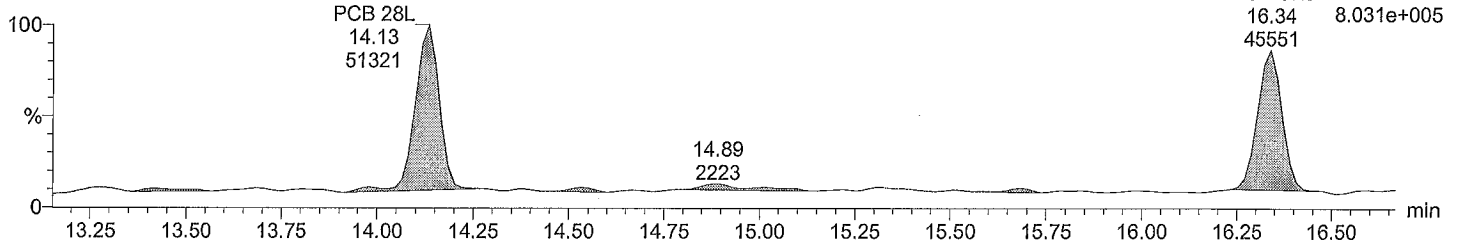
F3:Voltage SIR,EI+
257.9584
6.639e+003



Total TriCB labeled F3

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

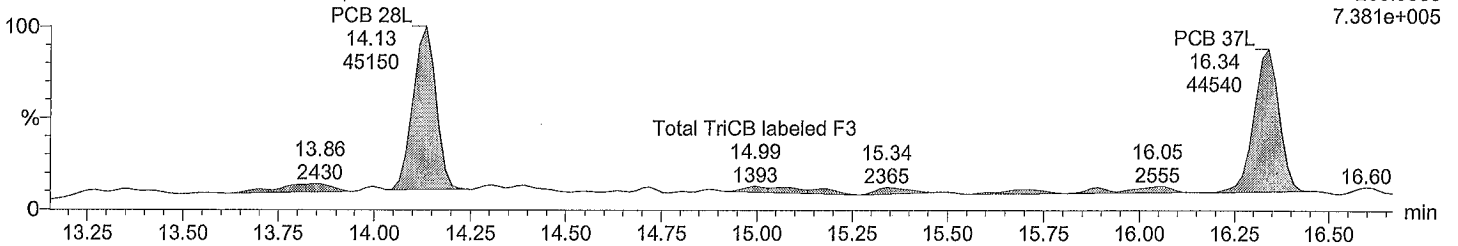
F3:Voltage SIR,EI+
PCB 37L 268.0016
16.34 8.031e+005
45551



Total TriCB labeled F3

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

F3:Voltage SIR,EI+
269.9986
7.381e+005



Dataset: M:\ULTIMA 2\Finished\m2161207A_finished_1668\M2161207A_samp_1668.qld

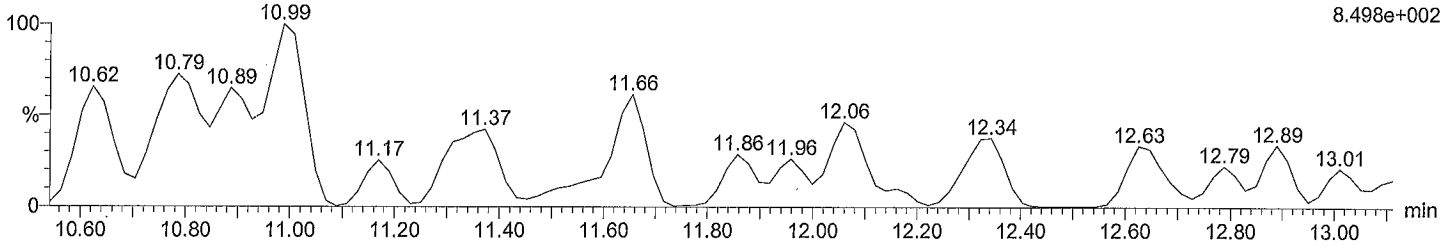
Last Altered: Monday, December 12, 2016 3:06:01 PM
Printed: Monday, December 12, 2016 3:07:11 PM

ID: WS#4779396/4767897, TI
Description: BLANK DILX5
Vial: 6
Date: 07-Dec-2016
Time: 12:39:09

Total TeCB F2

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

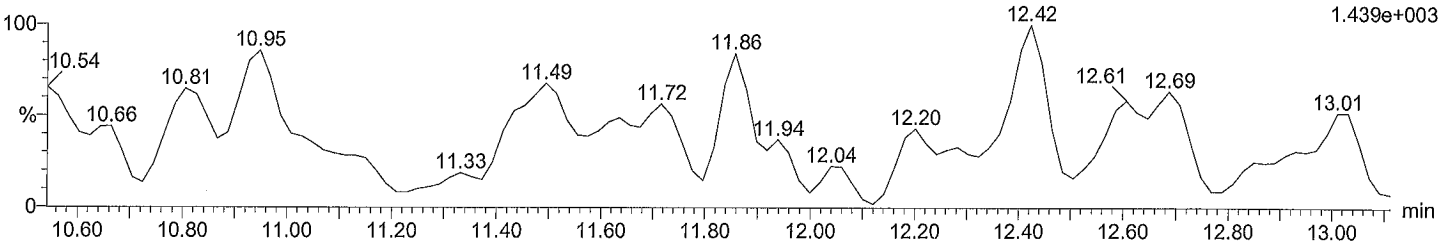
F2:Voltage SIR,EI+
289.9224
8.498e+002



Total TeCB F2

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

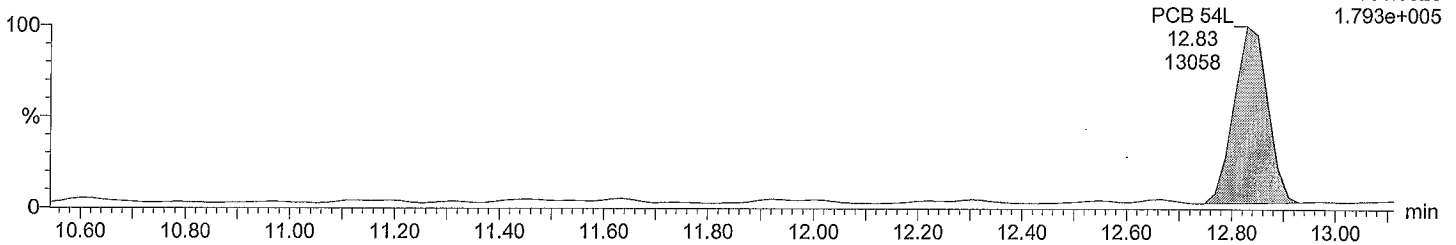
F2:Voltage SIR,EI+
291.9194
1.439e+003



Total TeCB labeled F2

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

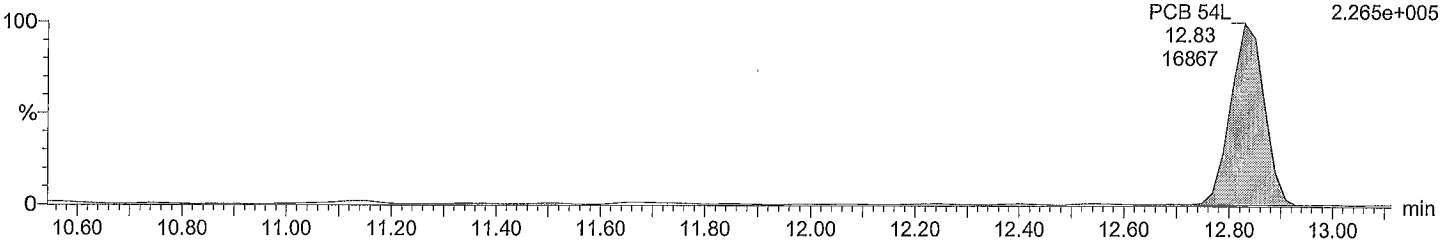
F2:Voltage SIR,EI+
301.9626
1.793e+005



Total TeCB labeled F2

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

F2:Voltage SIR,EI+
303.9597
2.265e+005



Dataset: M:\ULTIMA 2\Finished\m2161207A_finished_1668\M2161207A_samp_1668.qld

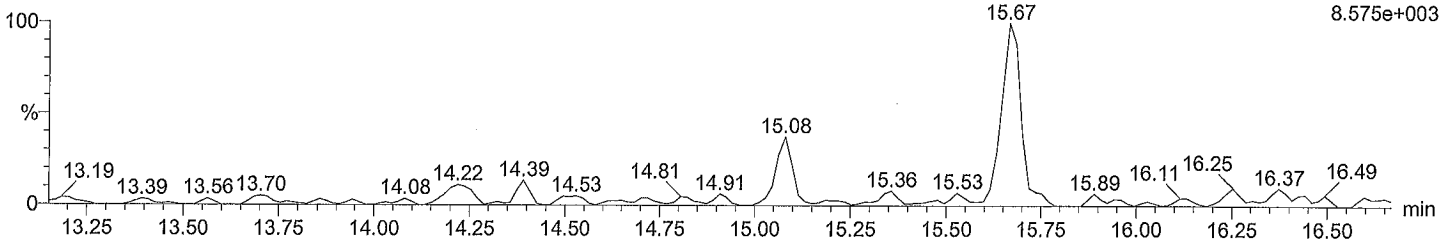
Last Altered: Monday, December 12, 2016 3:06:01 PM
Printed: Monday, December 12, 2016 3:07:11 PM

ID: WS#4779396/4767897, TI
Description: BLANK DILX5
Vial: 6
Date: 07-Dec-2016
Time: 12:39:09

Total TeCB F3

M2161207A06 Smooth(SG,1x1)
BLANK DILX5 WS#4779396/4767897, TI

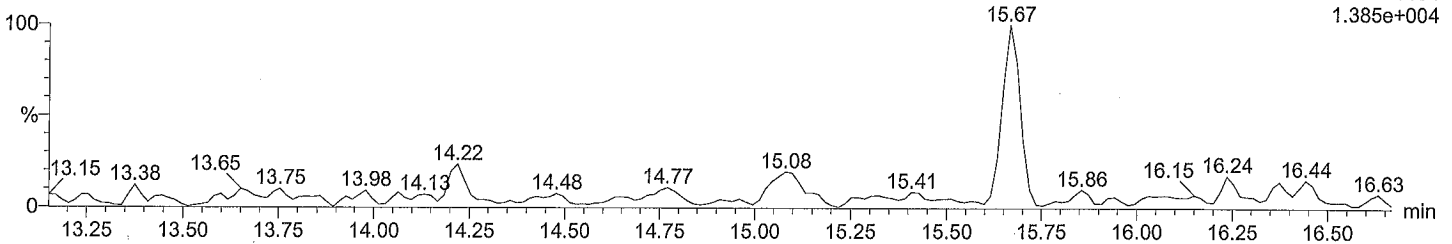
F3:Voltage SIR,EI+
289.9224
8.575e+003



Total TeCB F3

M2161207A06 Smooth(SG,1x1)
BLANK DILX5 WS#4779396/4767897, TI

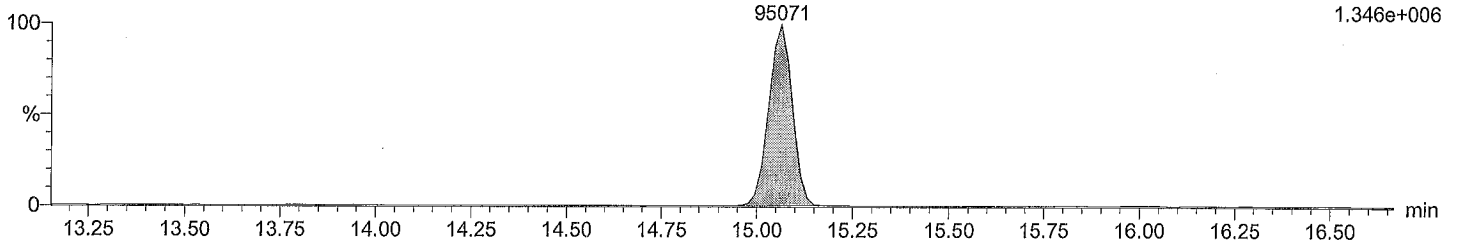
F3:Voltage SIR,EI+
291.9194
1.385e+004



Total TeCB labeled F3

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

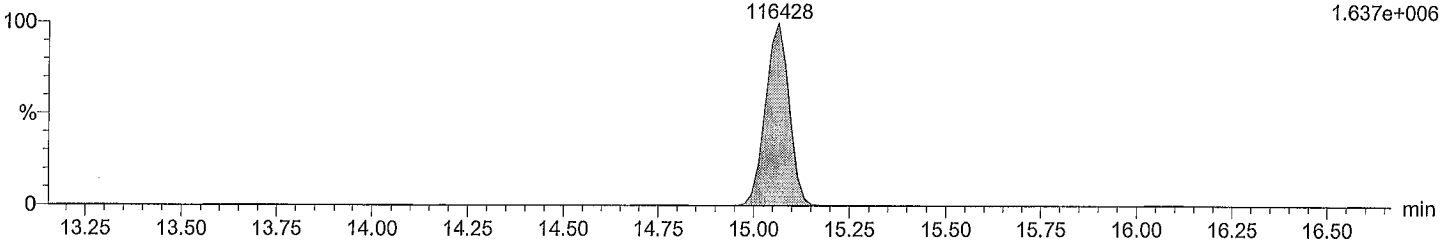
F3:Voltage SIR,EI+
301.9626
1.346e+006



Total TeCB labeled F3

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

F3:Voltage SIR,EI+
303.9597
1.637e+006



Dataset: M:\ULTIMA 2\Finished\m2161207A_finished_1668\M2161207A_samp_1668.qld

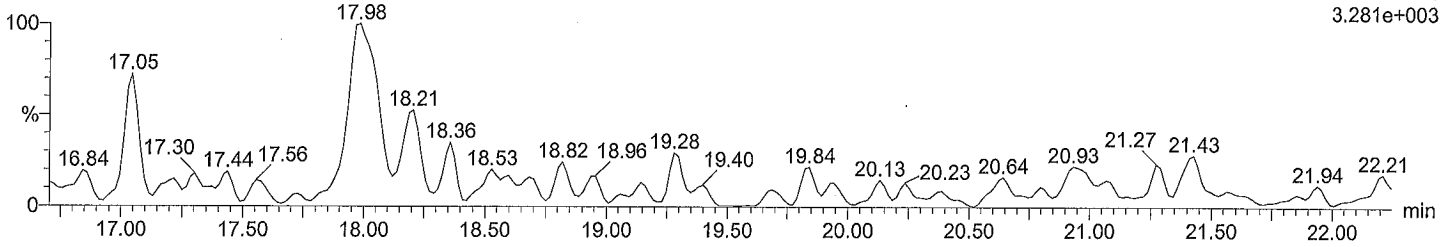
Last Altered: Monday, December 12, 2016 3:06:01 PM
Printed: Monday, December 12, 2016 3:07:11 PM

ID: WS#4779396/4767897, TI
Description: BLANK DILX5
Vial: 6
Date: 07-Dec-2016
Time: 12:39:09

Total TeCB F4

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

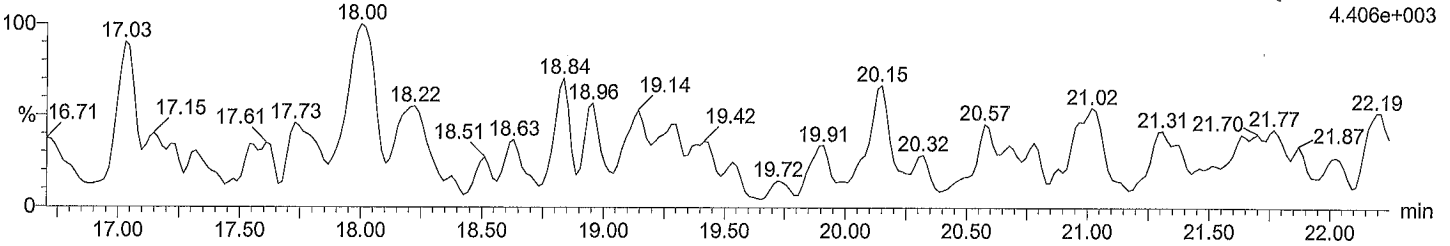
F4:Voltage SIR,EI+
289.9224
3.281e+003



Total TeCB F4

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

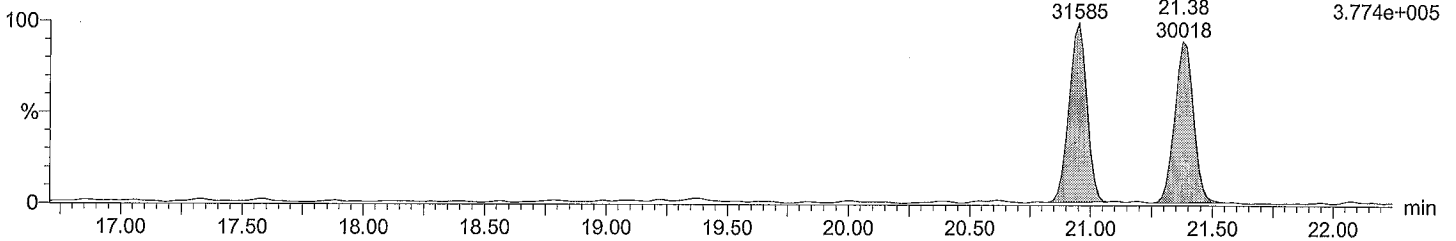
F4:Voltage SIR,EI+
291.9194
4.406e+003



Total TeCB labeled F4

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

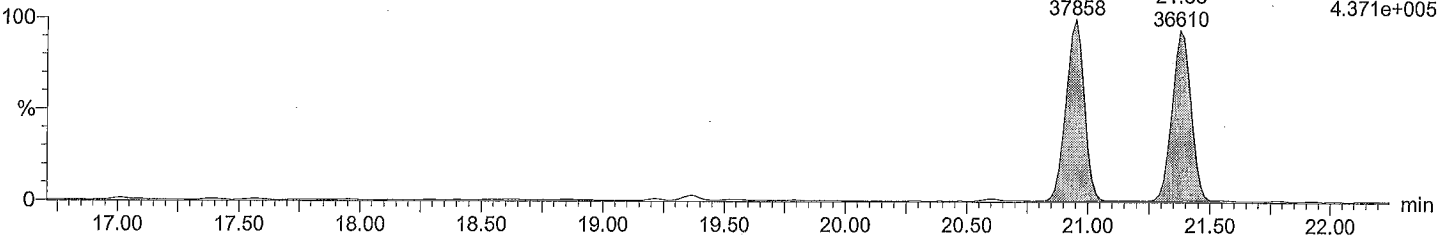
PCB 81L 20.95 31585
PCB 77L 21.38 30018
F4:Voltage SIR,EI+
301.9626
3.774e+005



Total TeCB labeled F4

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

PCB 81L 20.95 37858
PCB 77L 21.38 36610
F4:Voltage SIR,EI+
303.9597
4.371e+005



Dataset: M:\ULTIMA 2\Finished\m2161207A_finished_1668\M2161207A_samp_1668.qld

Last Altered: Monday, December 12, 2016 3:06:01 PM

Printed: Monday, December 12, 2016 3:07:11 PM

ID: WS#4779396/4767897, TI

Description: BLANK DILX5

Vial: 6

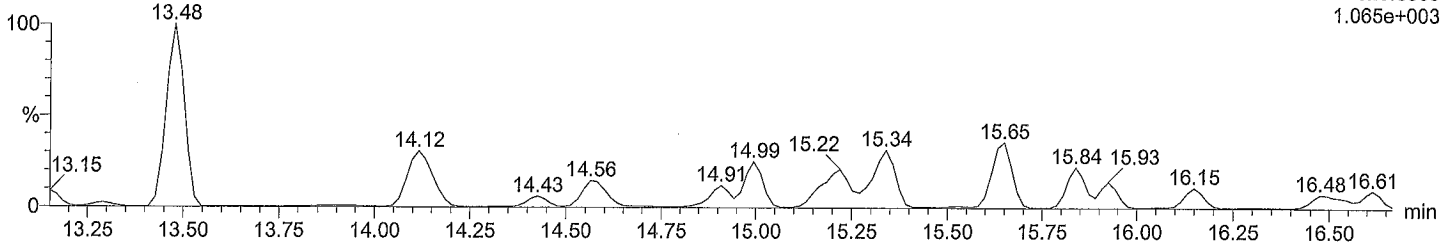
Date: 07-Dec-2016

Time: 12:39:09

Total PeCB F3

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

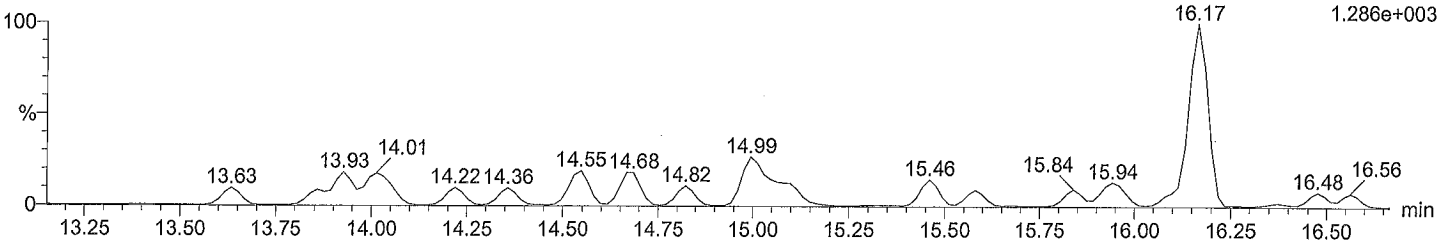
F3:Voltage SIR,EI+
325.8805
1.065e+003



Total PeCB F3

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

F3:Voltage SIR,EI+
327.8775
1.286e+003

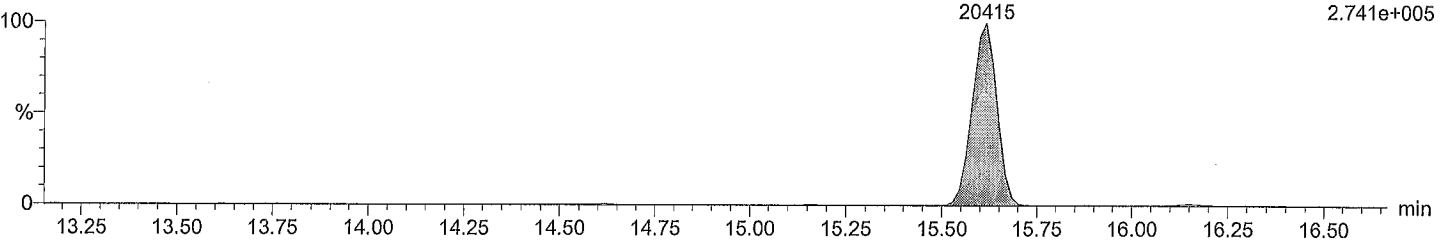


Total PeCB labeled F3

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

PCB 104L
15.61
20415

F3:Voltage SIR,EI+
337.9207
2.741e+005

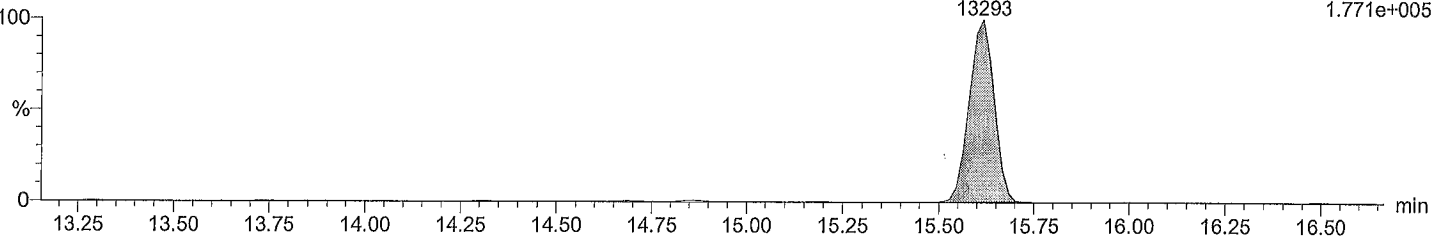


Total PeCB labeled F3

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

PCB 104L
15.61
13293

F3:Voltage SIR,EI+
339.9178
1.771e+005



Acquired Date

Dataset: M:\ULTIMA 2\Finished\m2161207A_finished_1668\M2161207A_samp_1668.qld

Last Altered: Monday, December 12, 2016 3:06:01 PM

Printed: Monday, December 12, 2016 3:07:11 PM

ID: WS#4779396/4767897, TI

Description: BLANK DILX5

Vial: 6

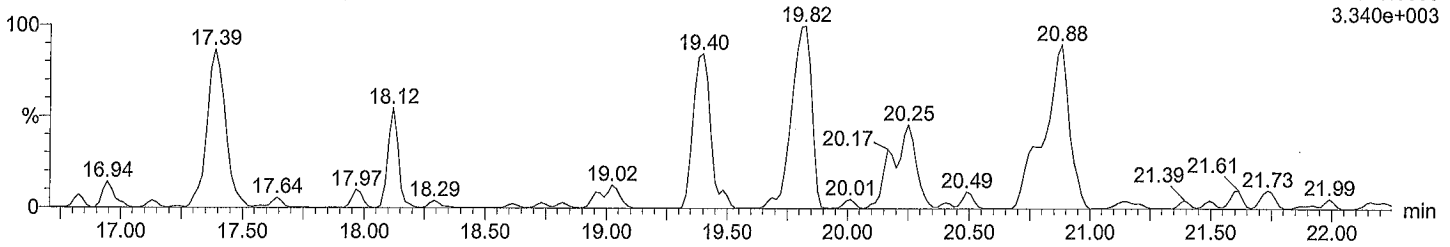
Date: 07-Dec-2016

Time: 12:39:09

Total PeCB F4

M2161207A06 Smooth(SG,2x1)
BLANK DILX5 WS#4779396/4767897, TI

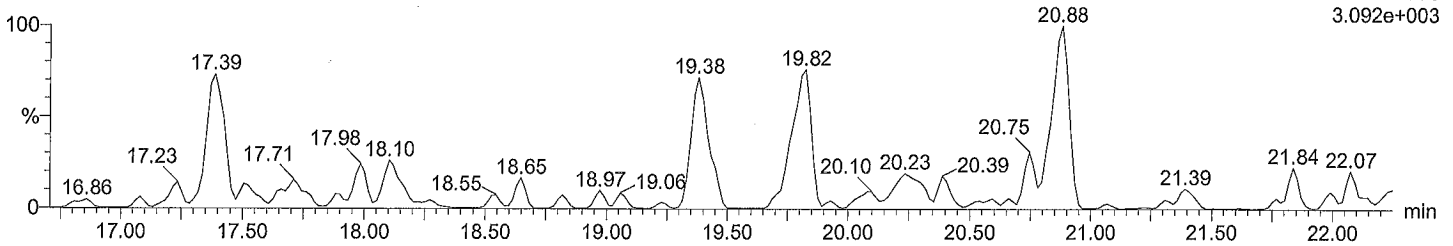
F4:Voltage SIR,EI+
325.8805
3.340e+003



Total PeCB F4

M2161207A06 Smooth(SG,2x1)
BLANK DILX5 WS#4779396/4767897, TI

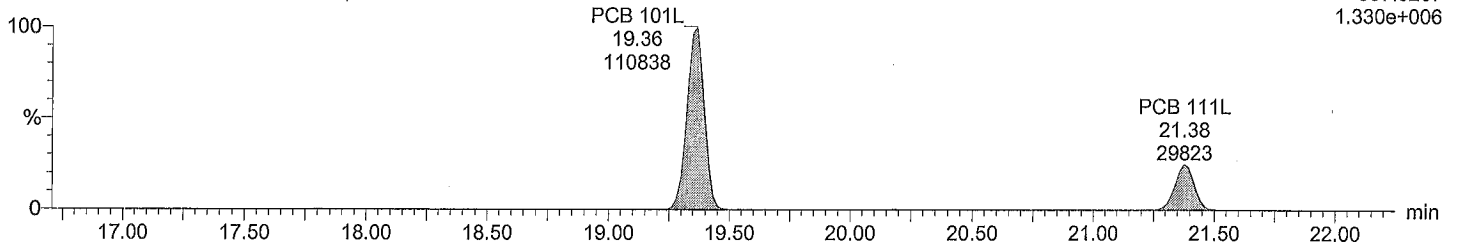
F4:Voltage SIR,EI+
327.8775
3.092e+003



Total PeCB labeled F4

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

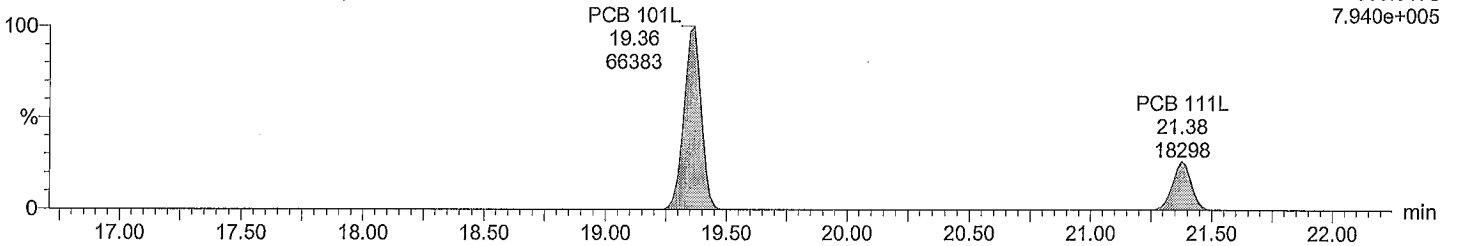
F4:Voltage SIR,EI+
337.9207
1.330e+006



Total PeCB labeled F4

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

F4:Voltage SIR,EI+
339.9178
7.940e+005



Dataset: M:\ULTIMA 2\Finished\m2161207A_finished_1668\M2161207A_samp_1668.qld

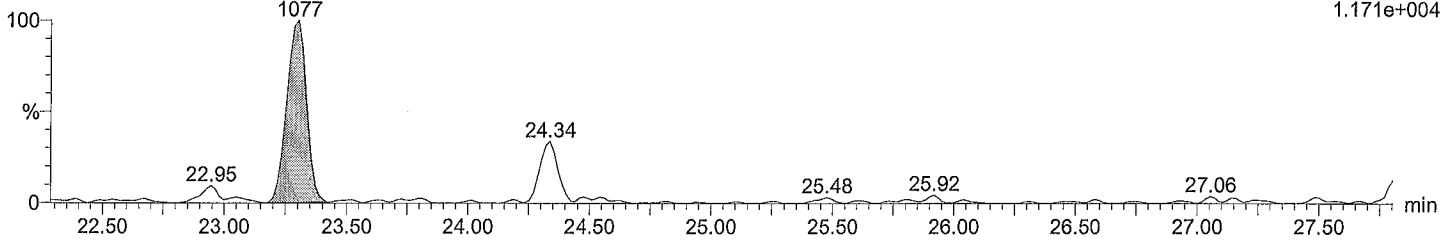
Last Altered: Monday, December 12, 2016 3:06:01 PM
Printed: Monday, December 12, 2016 3:07:11 PM

ID: WS#4779396/4767897, TI
Description: BLANK DILX5
Vial: 6
Date: 07-Dec-2016
Time: 12:39:09

Total PeCB F5

M2161207A06 Smooth(SG,2x1)
BLANK DILX5 WS#4779396/4767897, TI

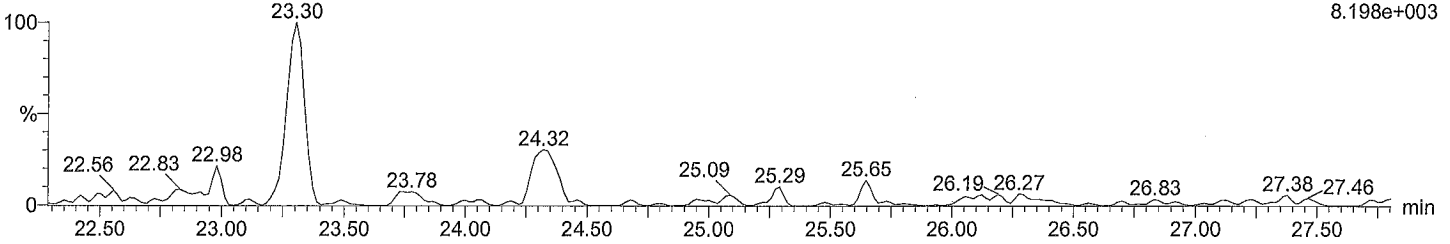
F5:Voltage SIR,EI+
325.8805
1.171e+004



Total PeCB F5

M2161207A06 Smooth(SG,2x1)
BLANK DILX5 WS#4779396/4767897, TI

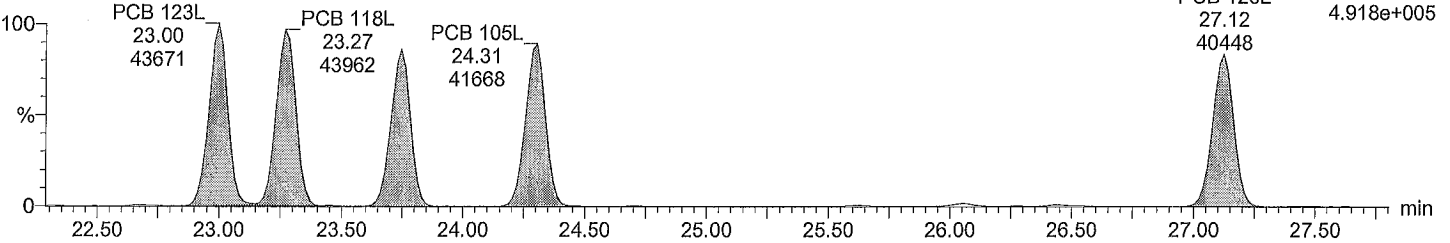
F5:Voltage SIR,EI+
327.8775
8.198e+003



Total PeCB labeled F5

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

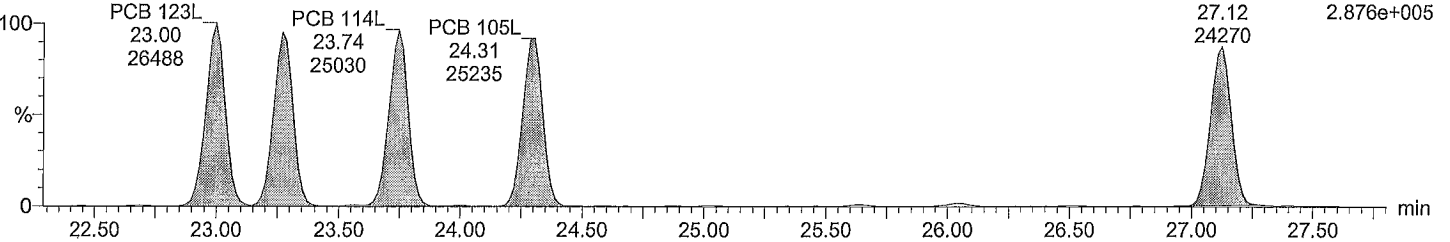
F5:Voltage SIR,EI+
337.9207
4.918e+005



Total PeCB labeled F5

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

F5:Voltage SIR,EI+
339.9178
2.876e+005



Dataset: M:\ULTIMA 2\Finished\m2161207A_finished_1668\M2161207A_samp_1668.qld

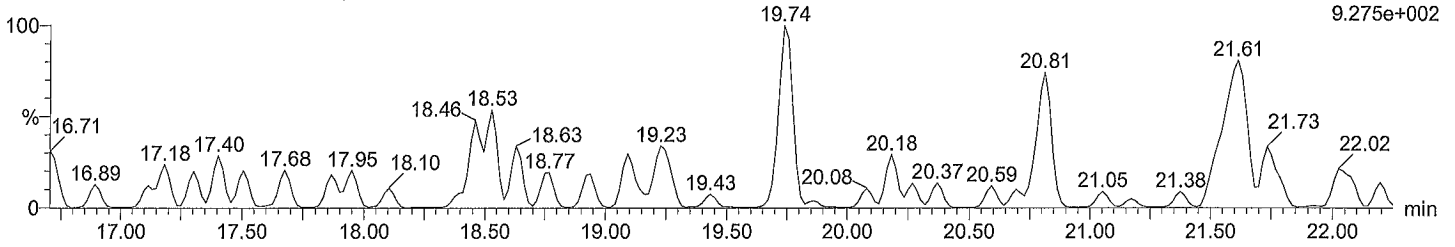
Last Altered: Monday, December 12, 2016 3:06:01 PM
Printed: Monday, December 12, 2016 3:07:11 PM

ID: WS#4779396/4767897, TI
Description: BLANK DILX5
Vial: 6
Date: 07-Dec-2016
Time: 12:39:09

Total HxCB F4

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

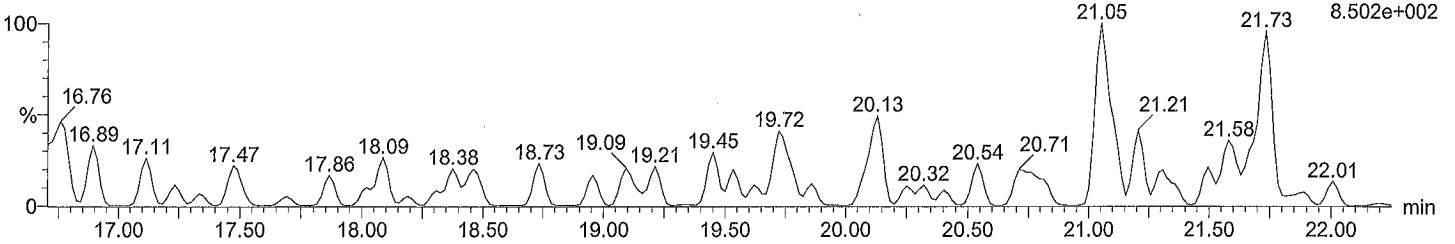
F4:Voltage SIR,EI+
359.8415
9.275e+002



Total HxCB F4

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

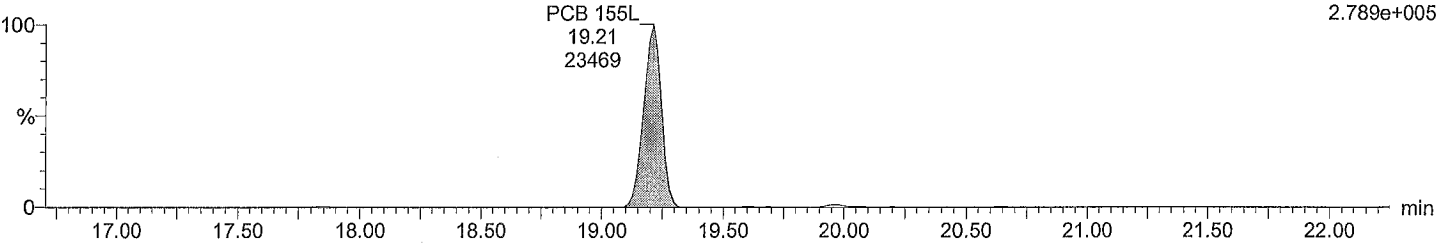
F4:Voltage SIR,EI+
361.8385
8.502e+002



Total HxCB labeled F4

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

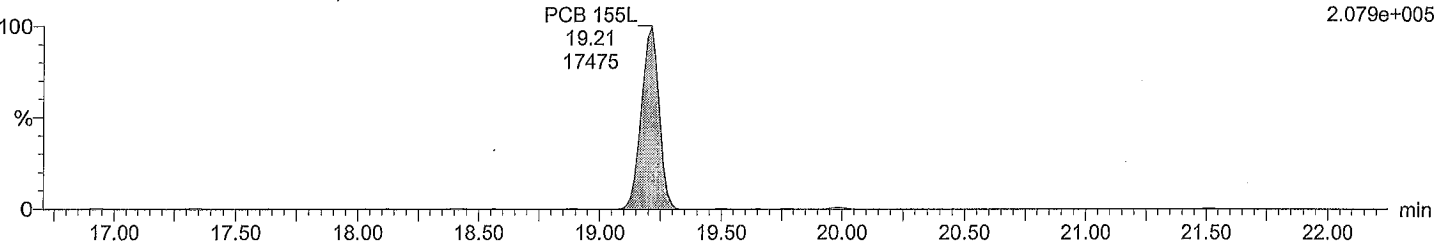
F4:Voltage SIR,EI+
371.8817
2.789e+005



Total HxCB labeled F4

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

F4:Voltage SIR,EI+
373.8788
2.079e+005



Dataset: M:\ULTIMA 2\Finished\m2161207A_finished_1668\M2161207A_samp_1668.qld

Last Altered: Monday, December 12, 2016 3:06:01 PM
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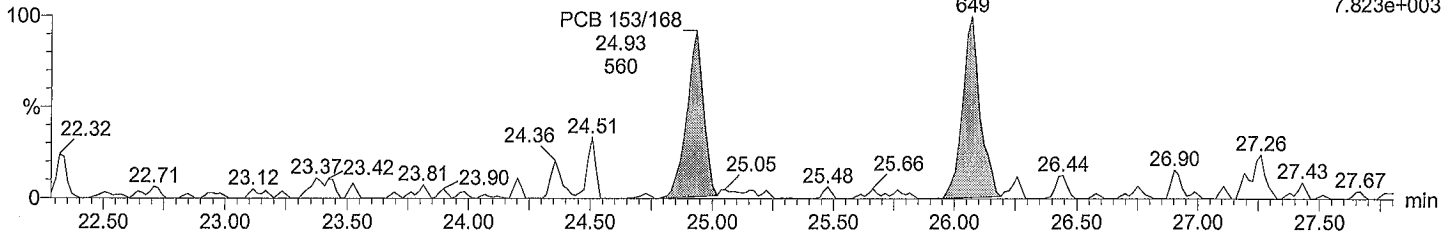
ID: WS#4779396/4767897, TI
Description: BLANK DILX5
Vial: 6
Date: 07-Dec-2016
Time: 12:39:09

Total HxCB F5

M2161207A06 Smooth(SG,1x1)
BLANK DILX5 WS#4779396/4767897, TI

PCB 138/163/129
26.07
649

F5:Voltage SIR,EI+
359.8415
7.823e+003

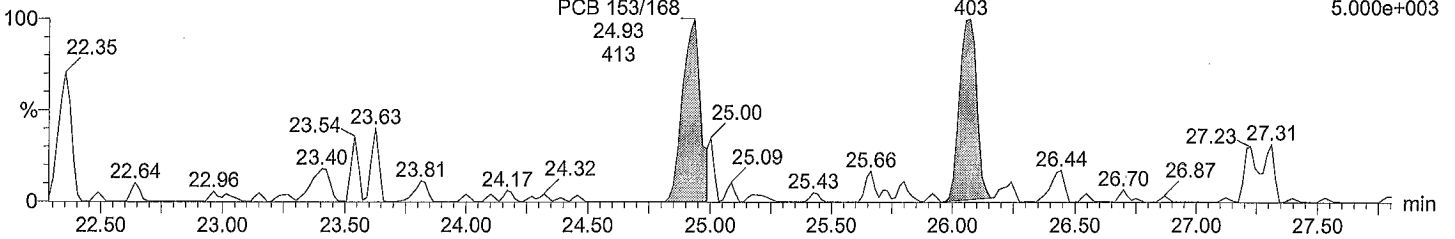


Total HxCB F5

M2161207A06 Smooth(SG,1x1)
BLANK DILX5 WS#4779396/4767897, TI

PCB 138/163/129
26.07
403

F5:Voltage SIR,EI+
361.8385
5.000e+003

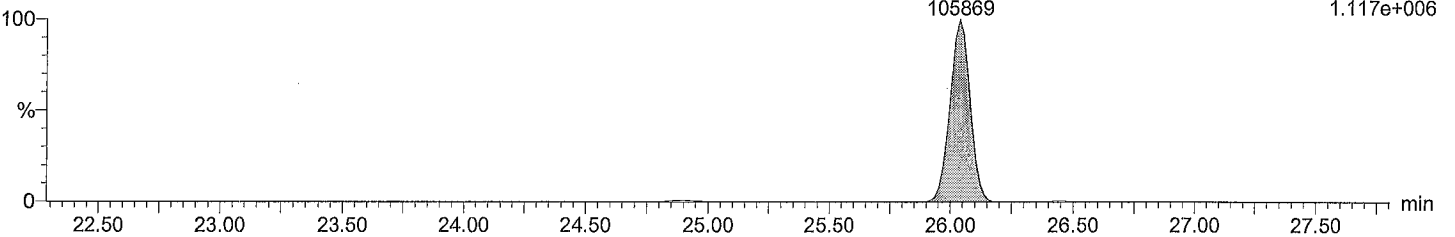


Total HxCB labeled F5

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

PCB 138L
26.04
105869

F5:Voltage SIR,EI+
371.8817
1.117e+006

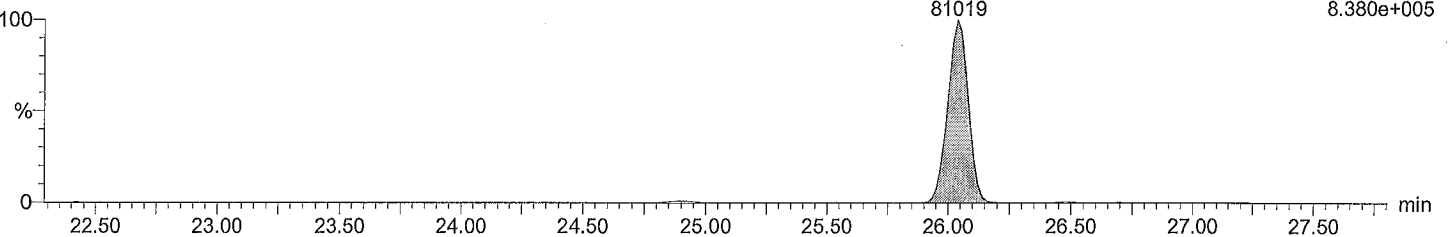


Total HxCB labeled F5

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

PCB 138L
26.04
81019

F5:Voltage SIR,EI+
373.8788
8.380e+005



Acquired Date

Dataset: M:\ULTIMA 2\Finished\m2161207A_finished_1668\M2161207A_samp_1668.qld

Last Altered: Monday, December 12, 2016 3:06:01 PM

Printed: Monday, December 12, 2016 3:07:11 PM

ID: WS#4779396/4767897, TI

Description: BLANK DILX5

Vial: 6

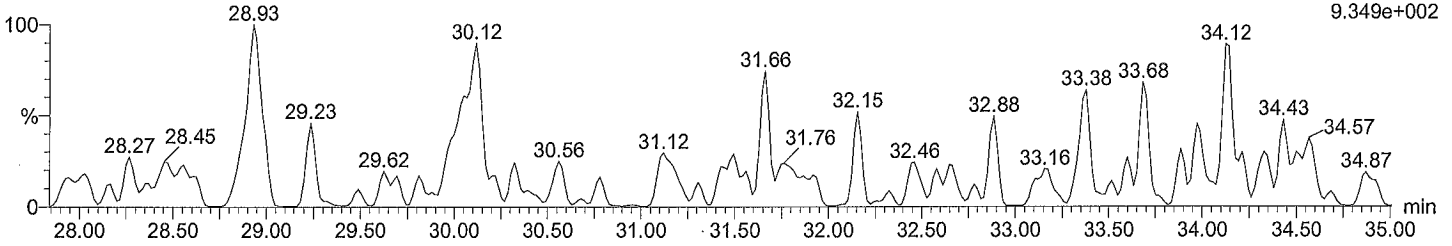
Date: 07-Dec-2016

Time: 12:39:09

Total HxCB F6

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

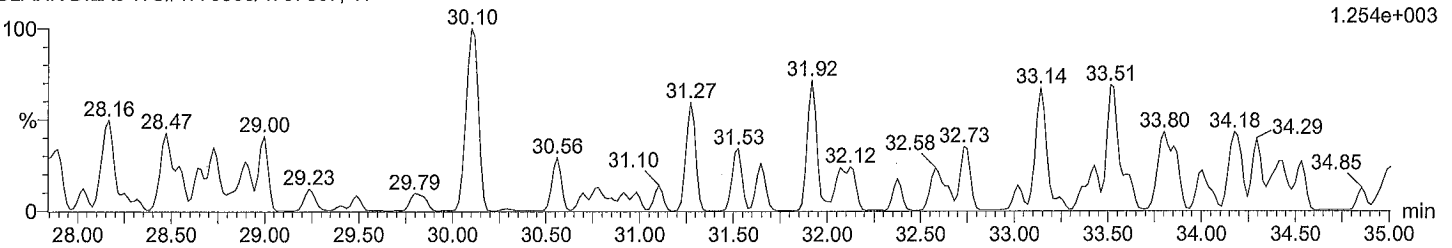
F6:Voltage SIR,EI+
359.8415
9.349e+002



Total HxCB F6

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

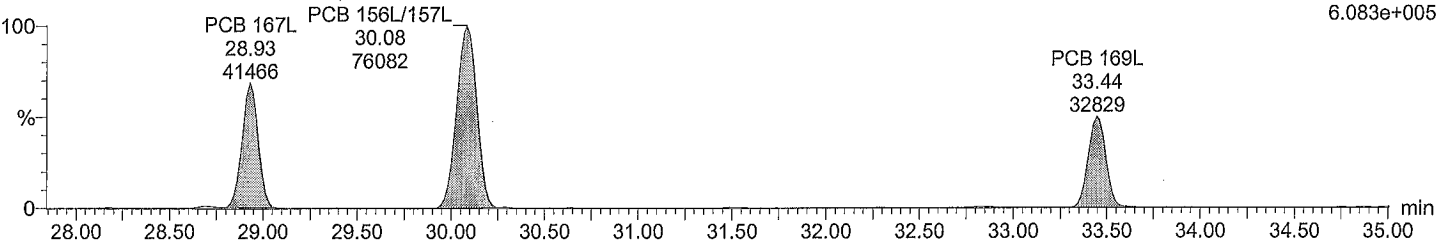
F6:Voltage SIR,EI+
361.8385
1.254e+003



Total HxCB labeled F6

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

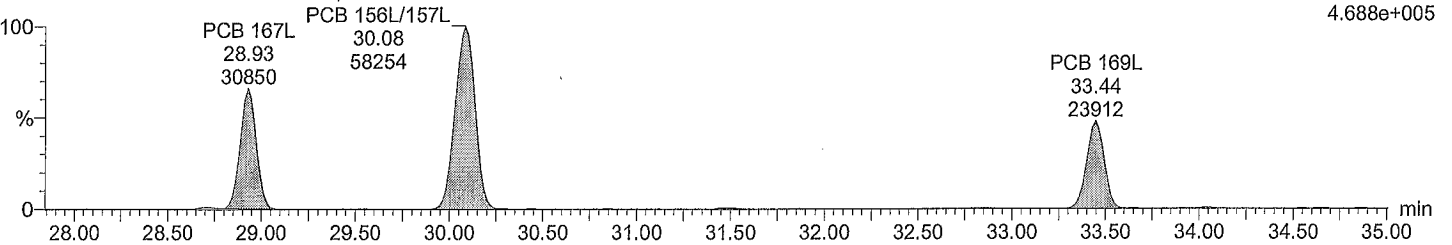
F6:Voltage SIR,EI+
371.8817
6.083e+005



Total HxCB labeled F6

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

F6:Voltage SIR,EI+
373.8788
4.688e+005



Quantify Sample Report

Acquired Date

Dataset: M:\ULTIMA 2\Finished\m2161207A_finished_1668\M2161207A_samp_1668.qld

Last Altered: Monday, December 12, 2016 3:06:01 PM

Printed: Monday, December 12, 2016 3:07:11 PM

ID: WS#4779396/4767897, TI

Description: BLANK DILX5

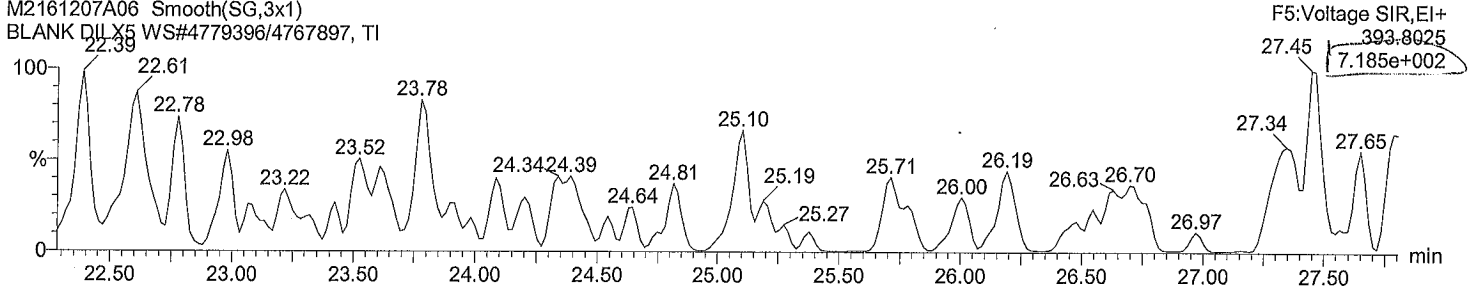
Vial: 6

Date: 07-Dec-2016

Time: 12:39:09

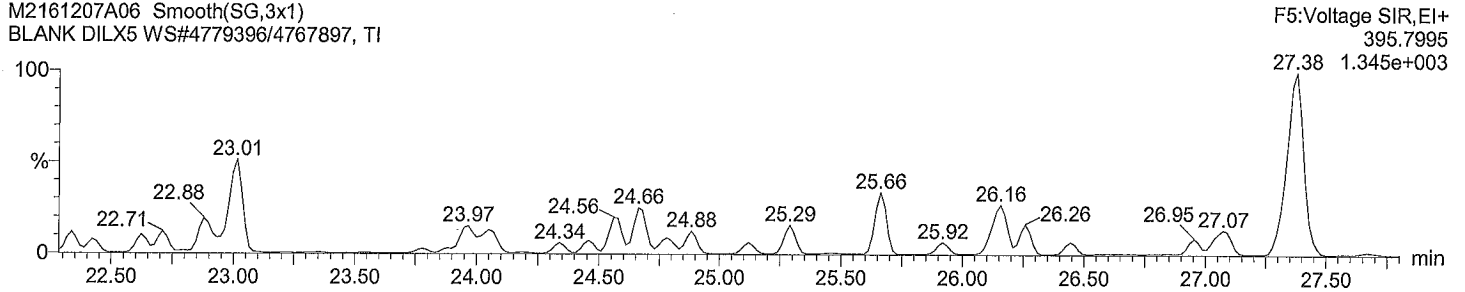
Total HpCB F5

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI



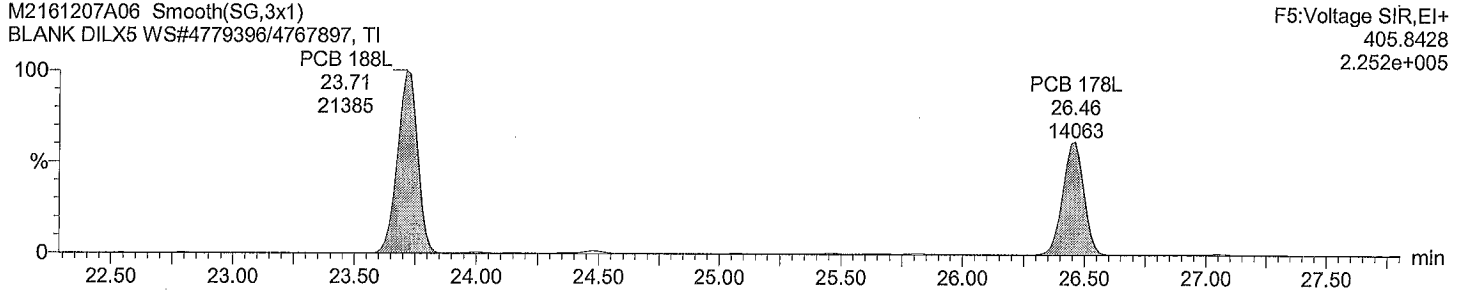
Total HpCB F5

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI



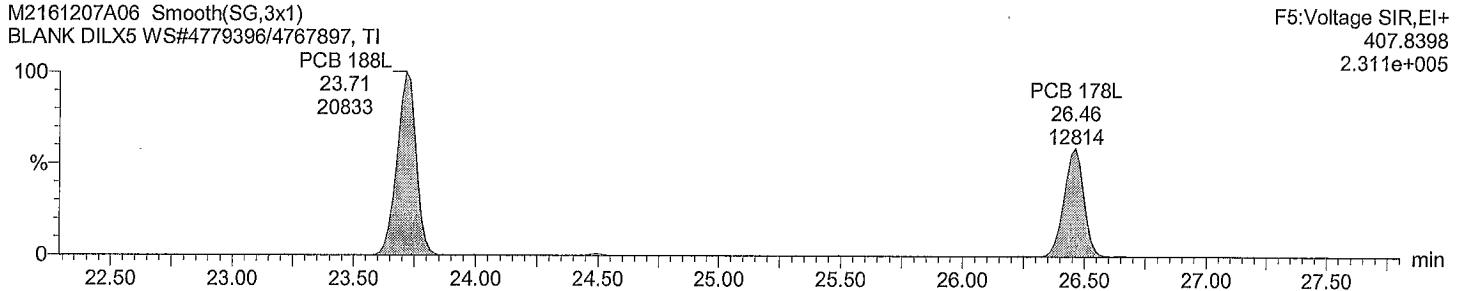
Total HpCB labeled F5

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI



Total HpCB labeled F5

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI



Acquired Date

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Last Altered: Monday, December 12, 2016 3:06:01 PM

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ID: WS#4779396/4767897, TI

Description: BLANK DILX5

Vial: 6

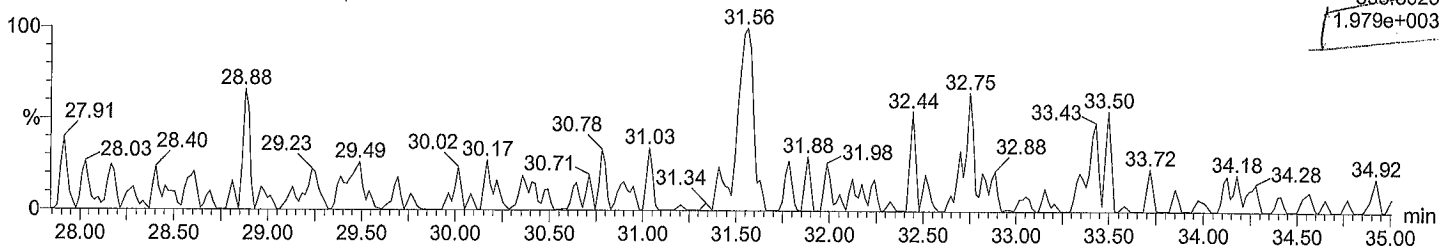
Date: 07-Dec-2016

Time: 12:39:09

Total HpCB F6

M2161207A06 Smooth(SG,1x1)
BLANK DILX5 WS#4779396/4767897, TI

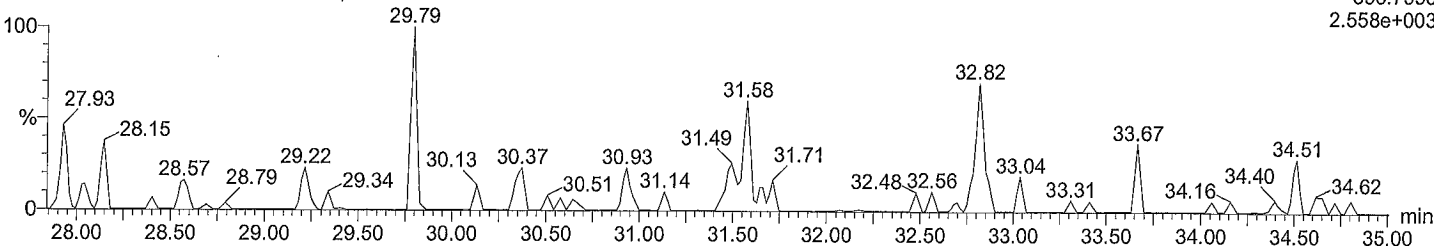
F6:Voltage SIR,EI+
393.8025
1.979e+003



Total HpCB F6

M2161207A06 Smooth(SG,1x1)
BLANK DILX5 WS#4779396/4767897, TI

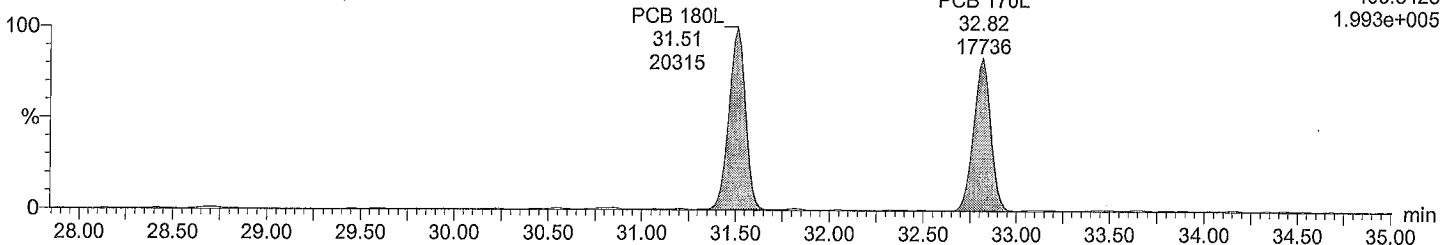
F6:Voltage SIR,EI+
395.7995
2.558e+003



Total HpCB labeled F6

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

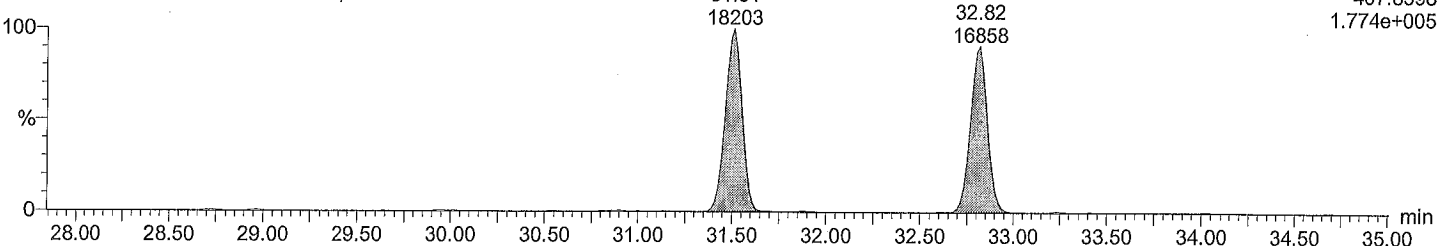
F6:Voltage SIR,EI+
405.8428
1.993e+005



Total HpCB labeled F6

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

F6:Voltage SIR,EI+
407.8398
1.774e+005



Acquired Date

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Printed: Monday, December 12, 2016 3:07:11 PM

ID: WS#4779396/4767897, TI

Description: BLANK DILX5

Vial: 6

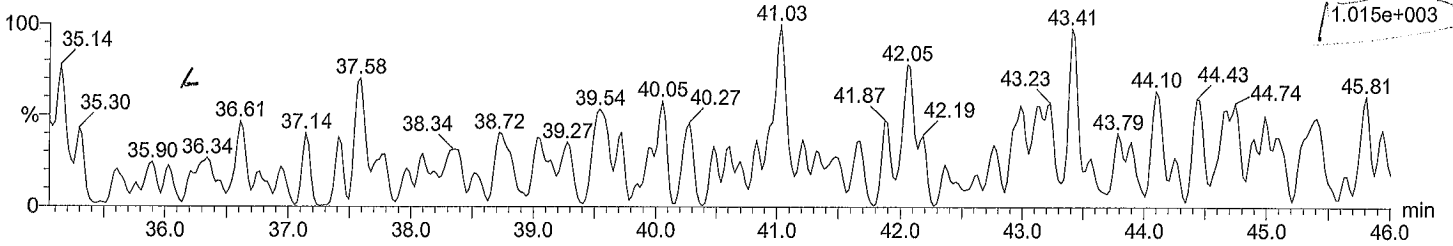
Date: 07-Dec-2016

Time: 12:39:09

Total HpCB F7

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

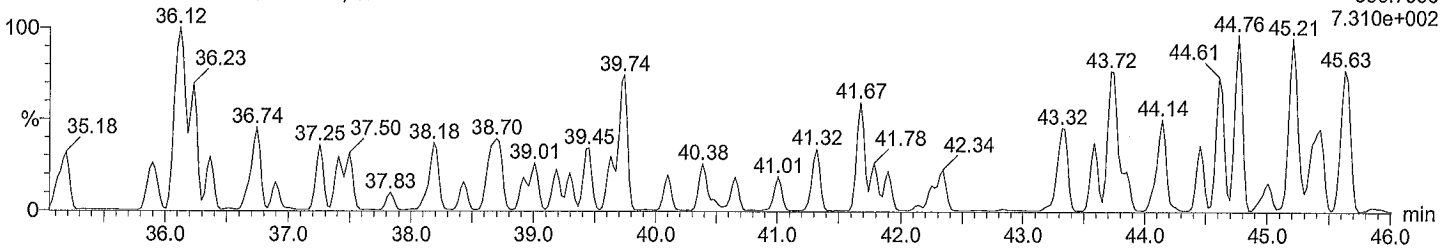
F7:Voltage SIR,EI+
393.8025
1.015e+003



Total HpCB F7

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

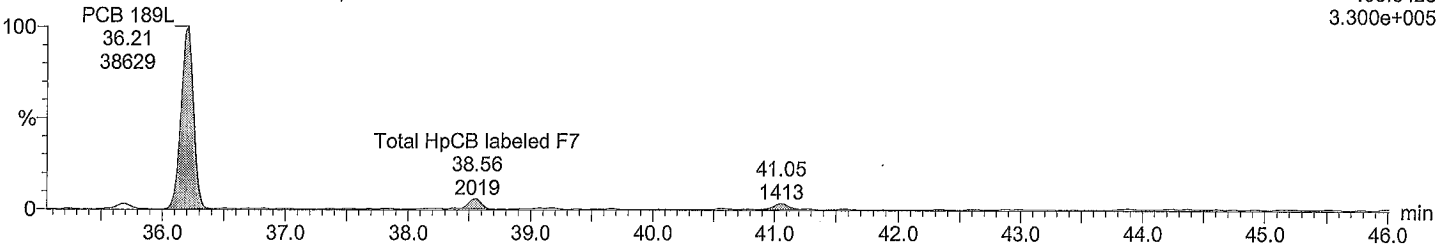
F7:Voltage SIR,EI+
395.7996
7.310e+002



Total HpCB labeled F7

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

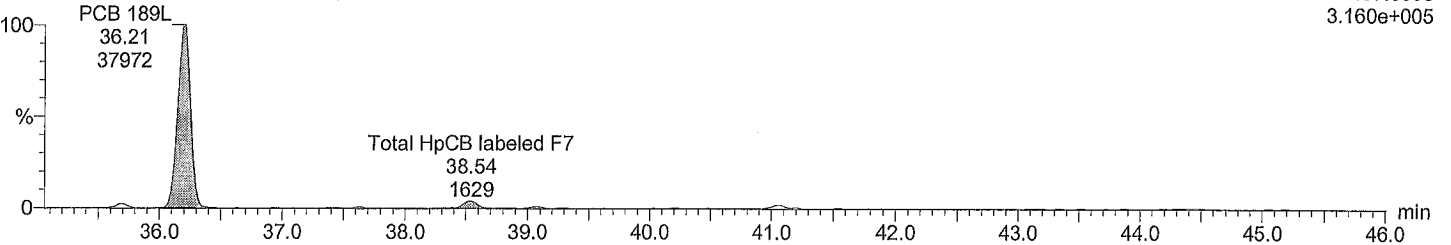
F7:Voltage SIR,EI+
405.8428
3.300e+005



Total HpCB labeled F7

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

F7:Voltage SIR,EI+
407.8398
3.160e+005



Dataset: M:\ULTIMA 2\Finished\m2161207A_finished_1668\M2161207A_samp_1668.qld

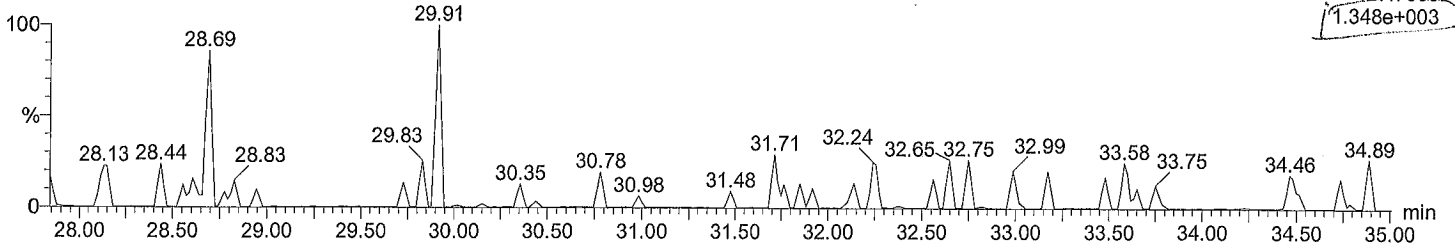
Last Altered: Monday, December 12, 2016 3:06:01 PM
Printed: Monday, December 12, 2016 3:07:11 PM

ID: WS#4779396/4767897, TI
Description: BLANK DILX5
Vial: 6
Date: 07-Dec-2016
Time: 12:39:09

Total OcCB F6

M2161207A06 Smooth(SG,1x1)
BLANK DILX5 WS#4779396/4767897, TI

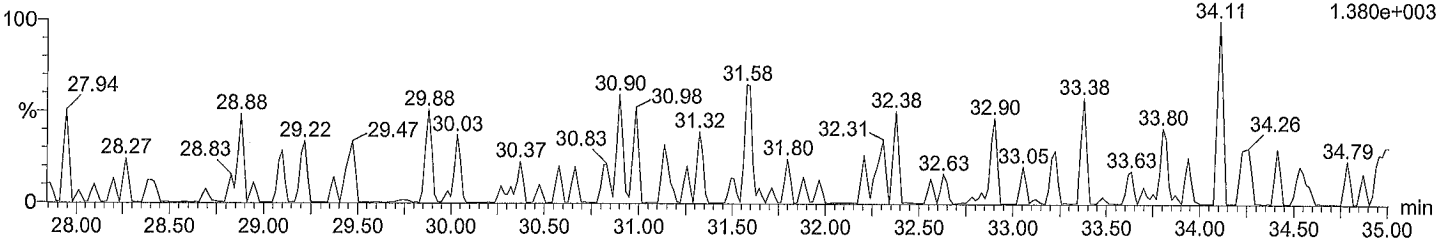
F6:Voltage SIR,EI+
427.7635
1.348e+003



Total OcCB F6

M2161207A06 Smooth(SG,1x1)
BLANK DILX5 WS#4779396/4767897, TI

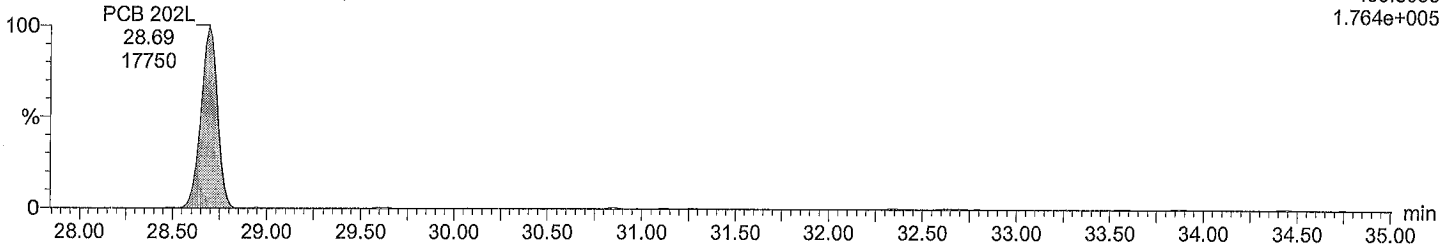
F6:Voltage SIR,EI+
429.7606
1.380e+003



Total OcCB labeled F6

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

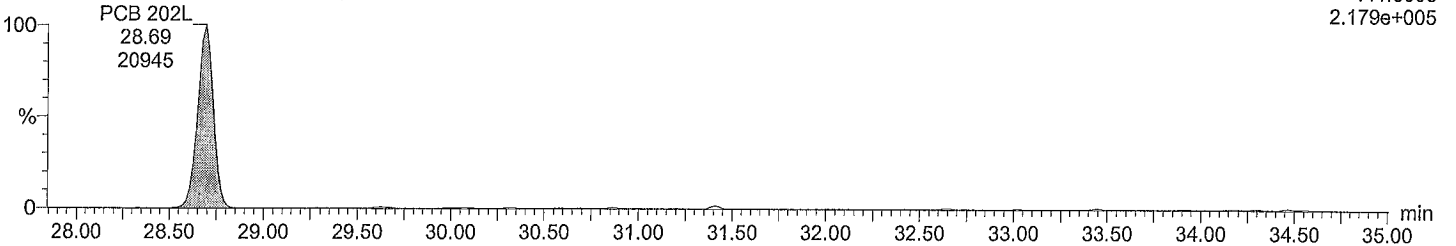
F6:Voltage SIR,EI+
439.8038
1.764e+005



Total OcCB labeled F6

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

F6:Voltage SIR,EI+
441.8008
2.179e+005



Acquired Date

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ID: WS#4779396/4767897, TI

Description: BLANK DILX5

Vial: 6

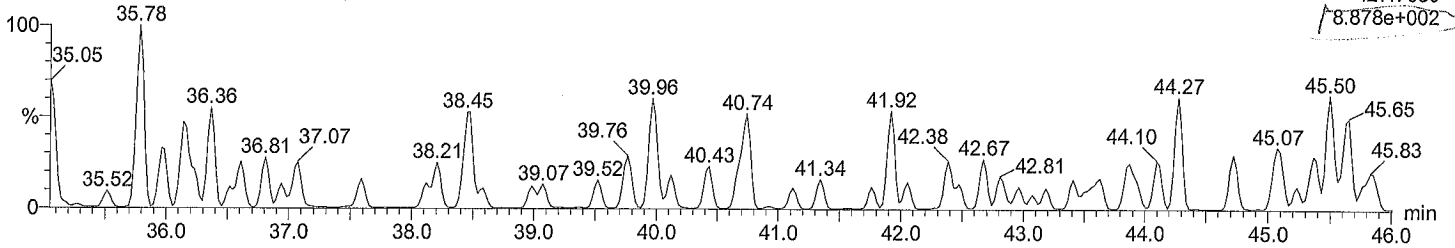
Date: 07-Dec-2016

Time: 12:39:09

Total OcCB F7

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

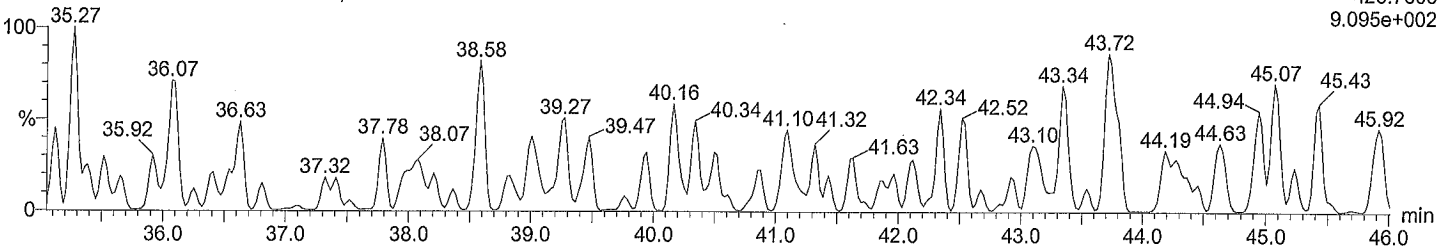
F7:Voltage SIR,EI+
427.7635
8.878e+002



Total OcCB F7

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

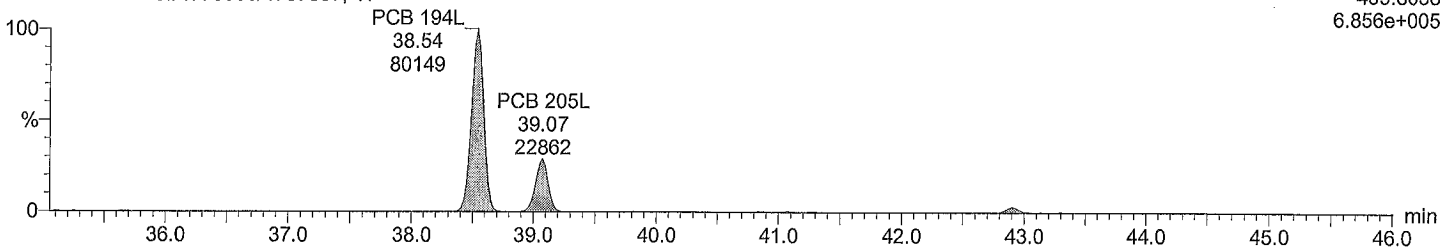
F7:Voltage SIR,EI+
429.7606
9.095e+002



Total OcCB labeled F7

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

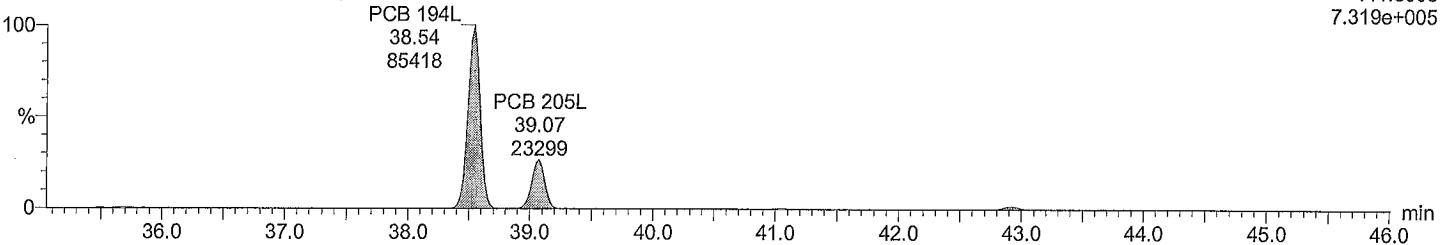
F7:Voltage SIR,EI+
439.8038
6.856e+005



Total OcCB labeled F7

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

F7:Voltage SIR,EI+
441.8008
7.319e+005



Dataset: M:\ULTIMA 2\Finished\m2161207A_finished_1668\M2161207A_samp_1668.qld

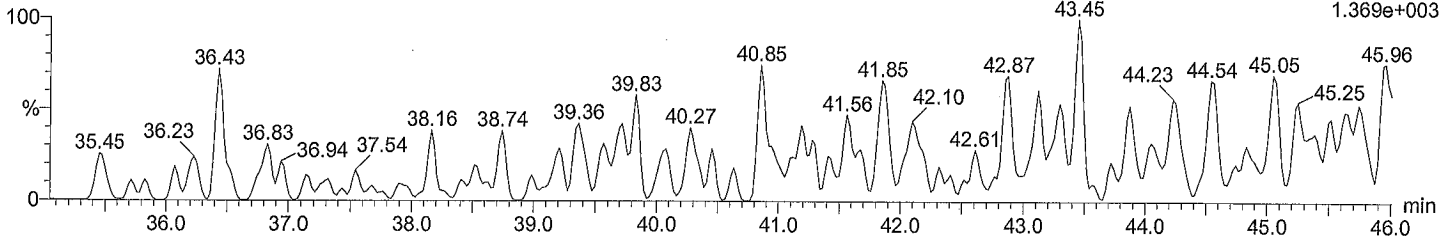
Last Altered: Monday, December 12, 2016 3:06:01 PM
Printed: Monday, December 12, 2016 3:07:11 PM

ID: WS#4779396/4767897, TI
Description: BLANK DILX5
Vial: 6
Date: 07-Dec-2016
Time: 12:39:09

Total NoCB F7

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

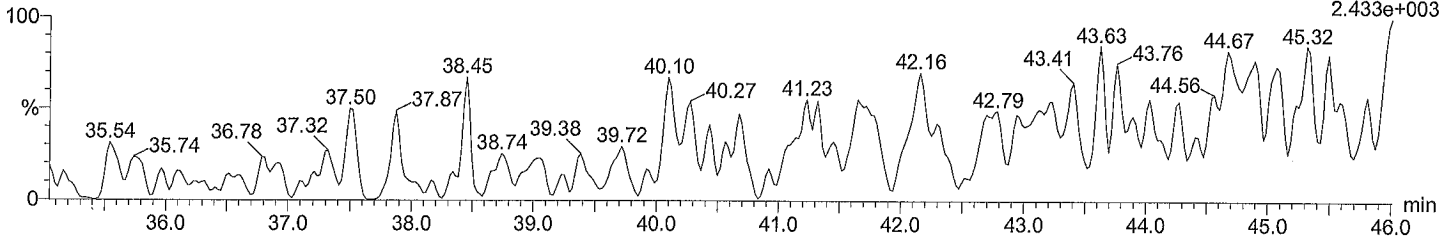
F7:Voltage SIR,EI+
461.7246
1.369e+003



Total NoCB F7

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

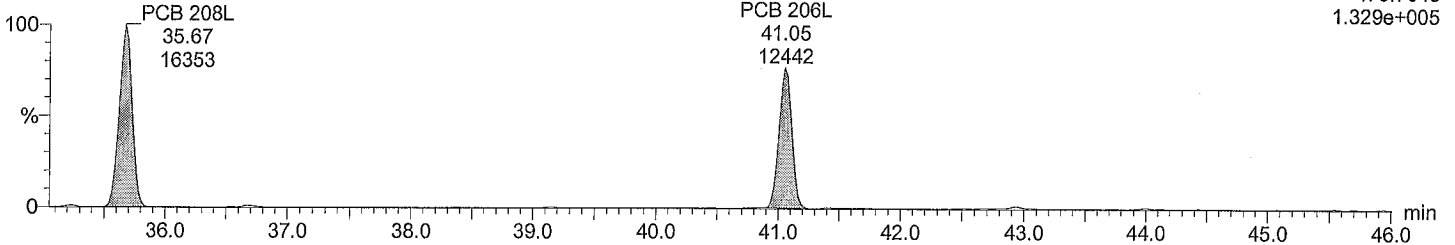
F7:Voltage SIR,EI+
463.7216
2.433e+003



Total NoCB labeled F7

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

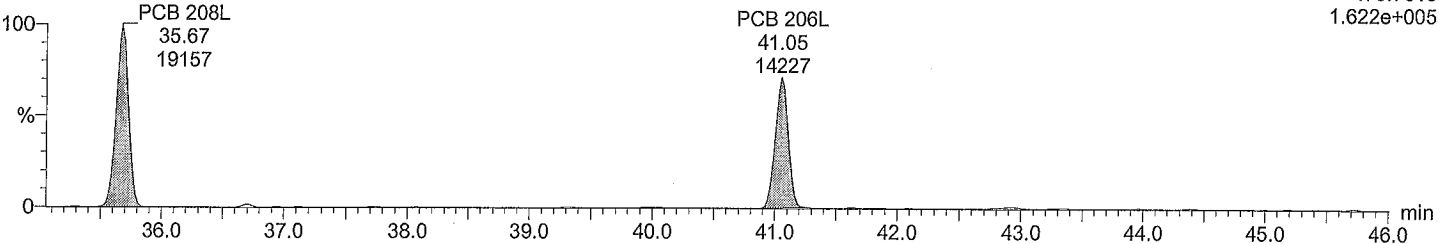
F7:Voltage SIR,EI+
473.7648
1.329e+005



Total NoCB labeled F7

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

F7:Voltage SIR,EI+
475.7619
1.622e+005



Acquired Date

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Printed: Monday, December 12, 2016 3:07:11 PM

ID: WS#4779396/4767897, TI

Description: BLANK DILX5

Vial: 6

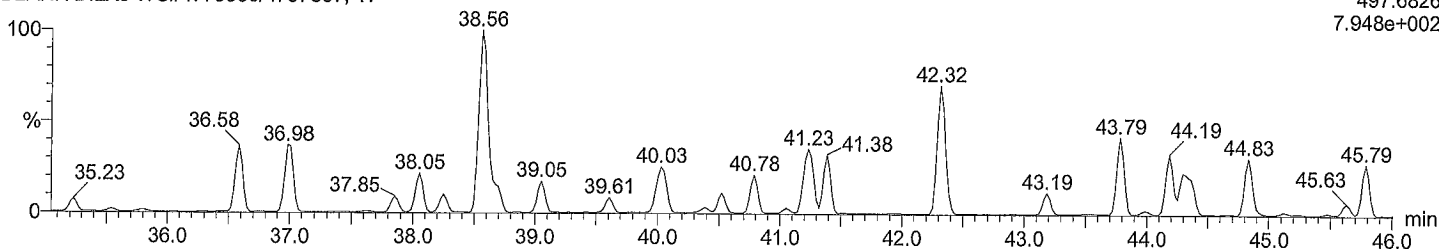
Date: 07-Dec-2016

Time: 12:39:09

Total DeCB F7

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

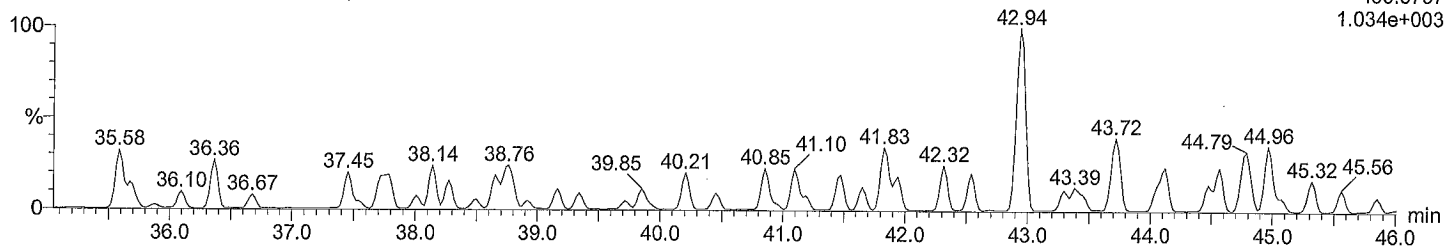
F7:Voltage SIR,EI+
497.6826
7.948e+002



Total DeCB F7

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

F7:Voltage SIR,EI+
499.6797
1.034e+003

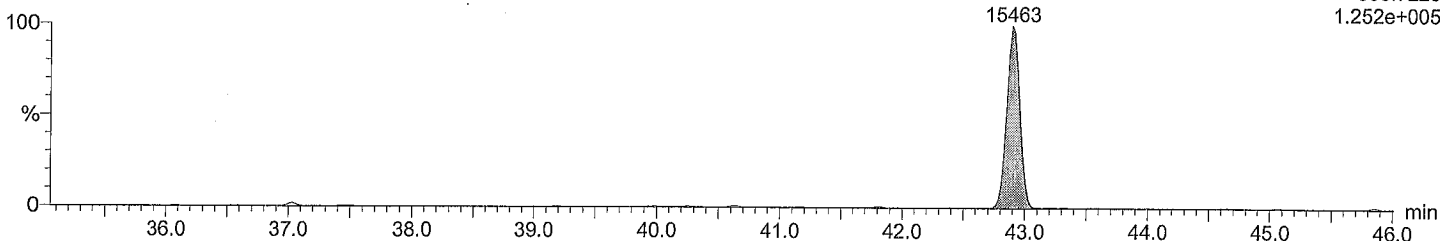


Total DeCB labeled F7

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

PCB 209L
42.90
15463

F7:Voltage SIR,EI+
509.7229
1.252e+005

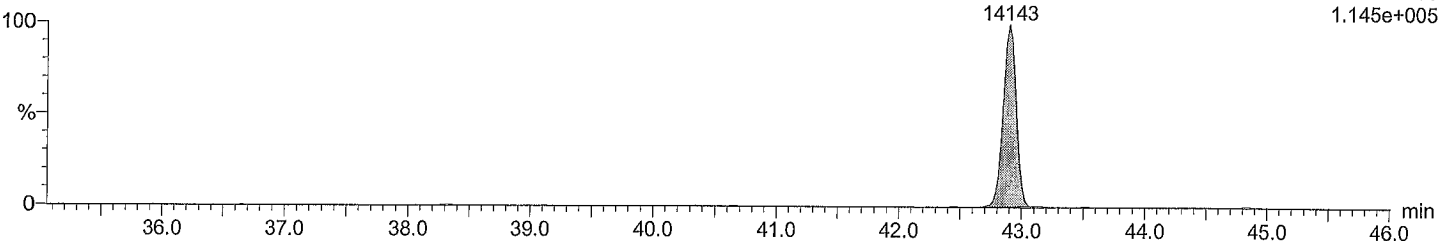


Total DeCB labeled F7

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI

PCB 209L
42.90
14143

F7:Voltage SIR,EI+
511.7199
1.145e+005



Acquired Date

Dataset: M:\ULTIMA 2\Finished\m2161207A_finished_1668\M2161207A_samp_1668.qld

Last Altered: Monday, December 12, 2016 3:06:01 PM

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ID: WS#4779396/4767897, TI

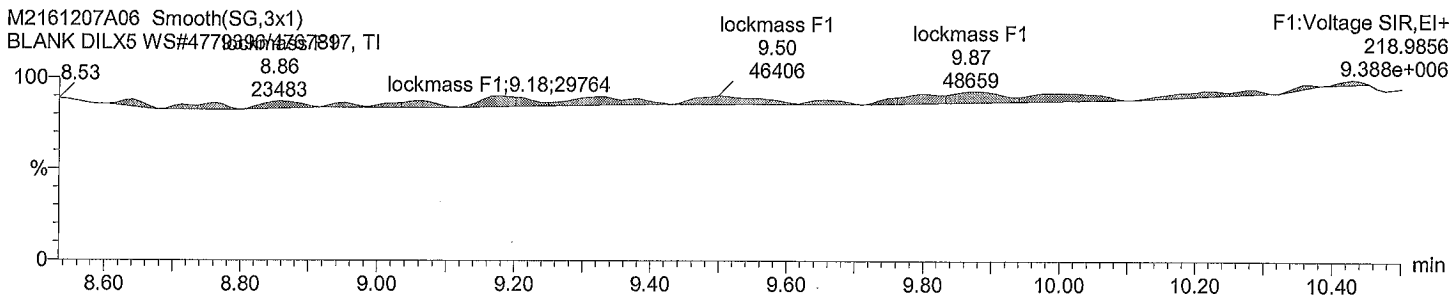
Description: BLANK DILX5

Vial: 6

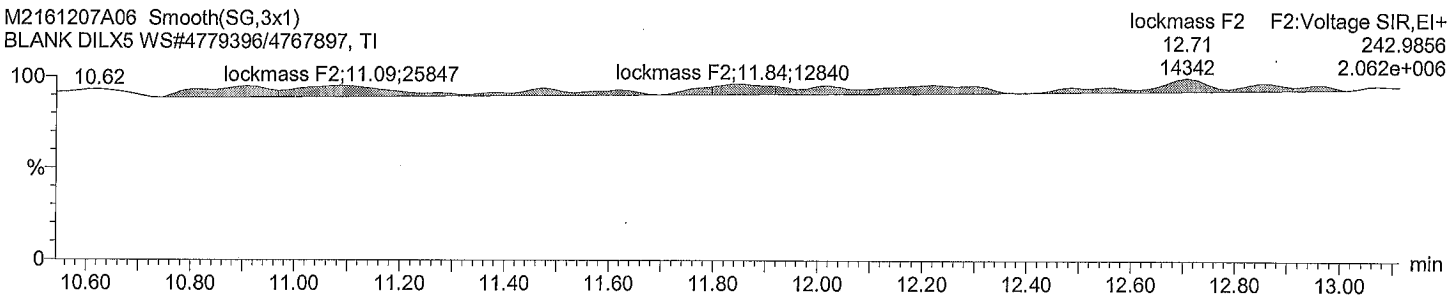
Date: 07-Dec-2016

Time: 12:39:09

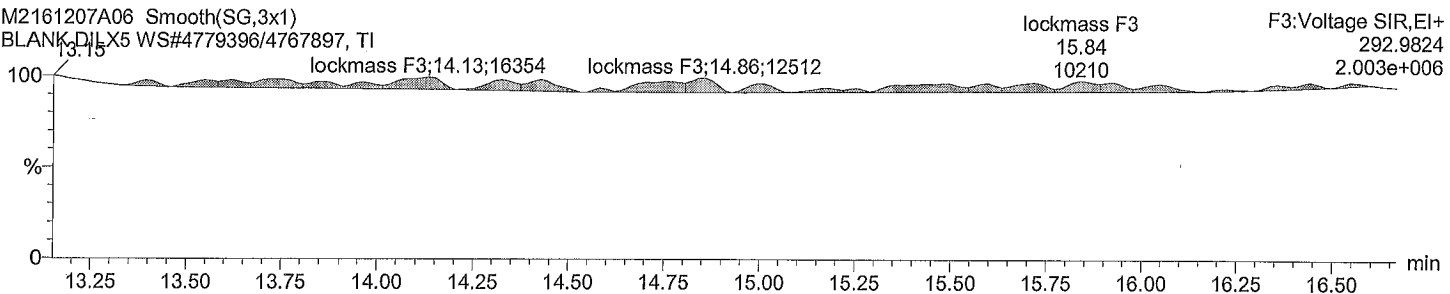
lockmass F1



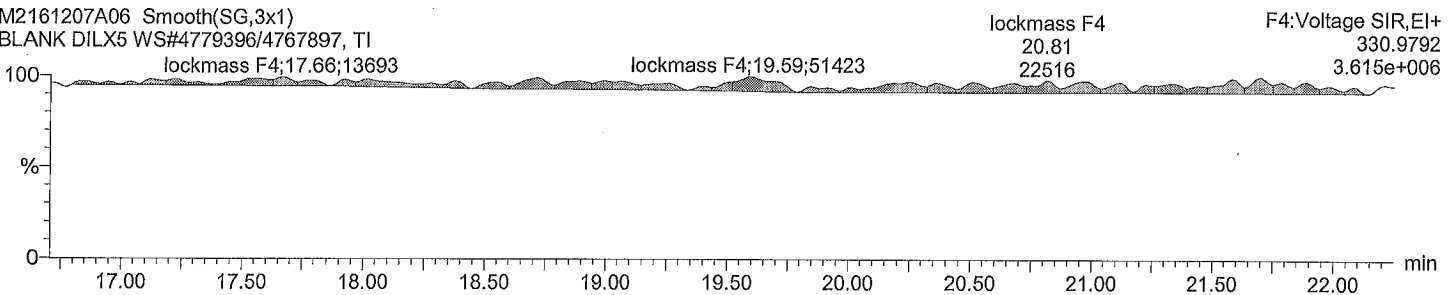
lockmass F2



lockmass F3



lockmass F4



Acquired Date

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ID: WS#4779396/4767897, TI

Description: BLANK DILX5

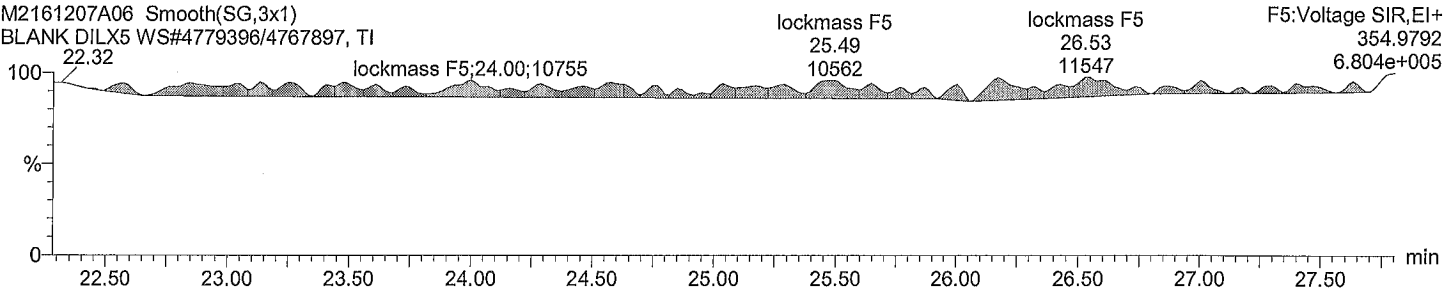
Vial: 6

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Time: 12:39:09

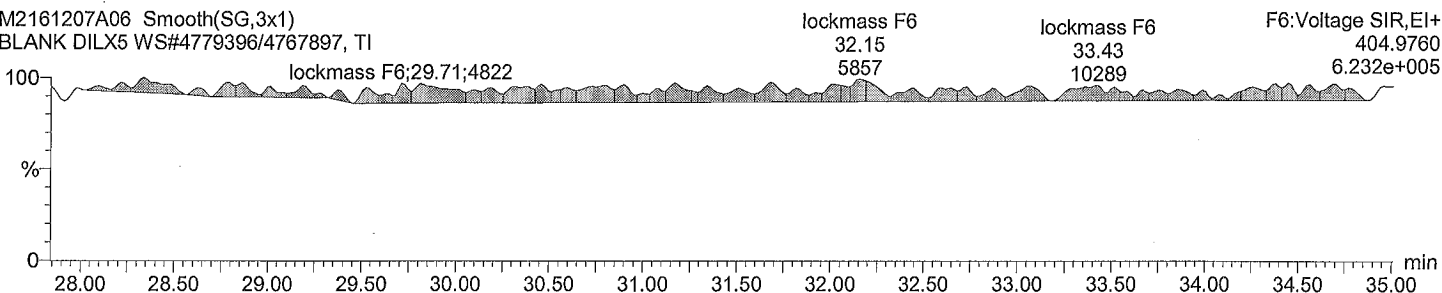
lockmass F5

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI



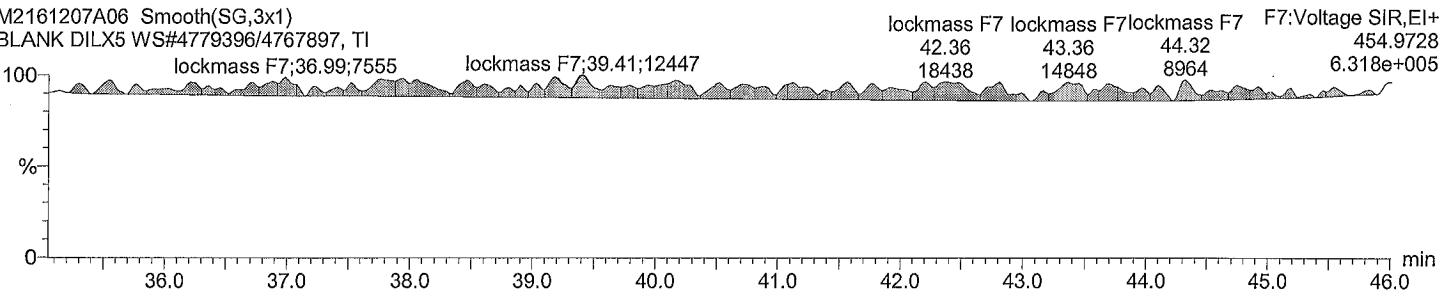
lockmass F6

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI



lockmass F7

M2161207A06 Smooth(SG,3x1)
BLANK DILX5 WS#4779396/4767897, TI



M2161207B

| Bottle | File Name | File Text | Sample ID | Wt/Vol |
|--------|-----------|-------------|----------------------|-----------|
| 1 | 1 | M2161207B01 | CS3_PCB 150417CXU | --- |
| 2 | 2 | M2161207B02 | 209MIX_PCB 150822CXU | --- |
| 3 | 3 | M2161207B03 | solvent | 1.000000 |
| 4 | 4 | M2161207B04 | DIS276-01R DILX5 | 1.000000 |
| 5 | 5 | M2161207B05 | DIS277-01R DILX5 | 1.000000 |
| 6 | 6 | M2161207B06 | DIS279-01R DILX5 | 10.163200 |
| 7 | 7 | M2161207B07 | DJV041-01 DILX5 | 10.086600 |
| 8 | 8 | M2161207B08 | DJV043.01 DILX5 | 10.292500 |
| 9 | 9 | M2161207B09 | DMY805-01 DILX5 | 10.302500 |
| 10 | 10 | M2161207B10 | solvent | 10.164200 |
| 11 | 1 | M2161207B11 | CS3_PCB 150417CXU | 10.281800 |
| 12 | 10 | M2161207B12 | solvent | 1.000000 |
| 13 | 10 | M2161207B13 | solvent | 1.000000 |
| | | | solvent | 1.000000 |



Report Name : Worksheet - (Liquids and Solids)

Assignment Date : Monday, December 05, 2016

Assigned to : Cathy Xu

Test Code : PCBCONHR-T

Instrument Id: 220-GCHRMS2

Test Description : To determine PCB congeners in tissue - full list of congeners (must specify whether to calculate on Lipid content).

| Job Number | Sample Number | D | Sample ID | F | % Moisture | Wt or Vol | Final Vol | DF or AF | # Cont | Expiry Date | Test DeadLine | Criteria | Extract Date |
|------------|---------------|---|-------------------|---|------------|-----------|-----------|----------|--------|-------------|------------------|----------|--------------|
| | MTRX SPK | | MHRPD DIS272-01 | | | | | | | | | | 2016/12/28 |
| | SPIKE | 0 | MHRPD | | | | | | | | | | 2016/12/28 |
| | SPIKE | 1 | MHRPD | | | | | | | | | | 2016/12/28 |
| | BLANK | | | | | | | | | | | | 2016/12/28 |
| B6N4556 | *DIS272-01R | | PG-T0-MUS-COC-* | | | | | | 1 | 2017/08/16 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6N4556 | *DIS273-01R | | PG-T0-MUS-COC-* | | | | | | 1 | 2017/08/29 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6N4556 | *DIS274-01R | | PG-SMA-1-1-16101* | | | | | | 1 | 2017/10/11 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6N4556 | *DIS275-01R | 0 | PG-SMA-1-2-16101* | | | | | | 1 | 2017/10/11 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6N4556 | *DIS275-01R | 1 | PG-SMA-1-2-16101* | | | | | | 1 | 2017/10/11 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6N4556 | *DIS276-01R | | PG-SMA-1-3-16101* | | | | | | 1 | 2017/10/11 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6N4556 | *DIS277-01R | | PG-REF-PJ-1-1610* | | | | | | 1 | 2017/10/11 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6N4556 | DIS278-01R | | 16J0187-05 | | | | | | 1 | 2017/10/11 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6N4556 | DIS279-01R | | 16J0187-06A | | | | | | 1 | 2017/10/11 | 2016/11/24 23:00 | DOD | 2016/12/28 |
| B6O0376 | *DJV041-01R | | 6102604-01 | | | | | | 1 | 2017/10/24 | 2016/11/24 18:00 | DOD | 2016/12/28 |
| B6O0376 | *DJV042-01R | | 6102604-02 | | | | | | 1 | 2017/10/24 | 2016/11/24 18:00 | DOD | 2016/12/28 |
| B6O0376 | *DJV043-01R | | 6102604-03 | | | | | | 1 | 2017/10/24 | 2016/11/24 18:00 | DOD | 2016/12/28 |
| B6O0382 | *DJV055-01R | | 6102701-01 | | | | | | 1 | 2017/10/24 | 2016/11/24 18:00 | DOD | 2016/12/28 |
| B6O0382 | *DJV056-01R | | 6102701-02 | | | | | | 1 | 2017/10/24 | 2016/11/24 18:00 | DOD | 2016/12/28 |
| B6O0382 | *DJV057-01R | | 6102701-03 | | | | | | 1 | 2017/10/24 | 2016/11/24 18:00 | DOD | 2016/12/28 |
| B6O0387 | *DJV090-01R | | 6102801-01 | | | | | | 1 | 2017/10/24 | 2016/11/23 23:00 | DOD | 2016/12/28 |
| B6O0387 | *DJV091-01R | | 6102801-02 | | | | | | 1 | 2017/10/24 | 2016/11/23 23:00 | DOD | 2016/12/28 |
| B6O0387 | *DJV092-01R | | 6102801-03 | | | | | | 1 | 2017/10/24 | 2016/11/23 23:00 | DOD | 2016/12/28 |
| B6P6472 | DMY805-01R | | PCB SMOKED ME* | | | | | | 1 | | 2016/12/23 17:00 | | 2016/12/28 |

Remarks: _____

Samples extracted by: Michael Hopkins

Instrumentation performed by: BRANKO VRZIC

Calculations performed by: Amjad Hussain

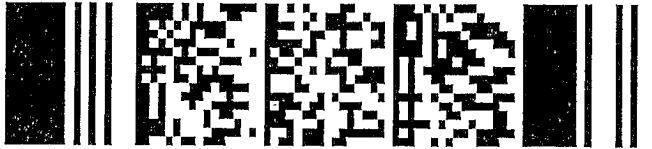
Maxxam Analytics by: Cathy Xu

Date: 20161207

Date: 15-12-14

Date: 16 Page 1082 of 1703

B B
20161208



Report Name : Worksheet - (Liquids and Solids)

Assignment Date : Monday, November 28, 2016

Assigned to : Michael Hopkins

Test Code : PREPPCB-TI

Instrument Id:

Test Description : Preparation of tissue by 1668 for PCBs

| Job Number | Sample Number | D | Sample ID | F | Soxhlet % Moisture | Wt or Vol | Final Vol | Fusk DE or AF | # Cont | Expiry Date | Test DeadLine | Criteria | Extract Date |
|------------|---------------|---|----------------------|---|-----------------------|-----------|-----------|------------------|--------|-------------|------------------|----------|--------------|
| | MTRX SPK | | DIS272-01 | | T156 | 10.0496 | 100ul | T16 | | | | | 2016/11/28 |
| | SPIKE | 0 | Butter 2016/03/30 | | T38 | 0.2121 | | T299 | | | | | 2016/11/28 |
| | SPIKE | 1 | Butter 2016/03/30 | | T155 | 0.2126 | | B83 | | | | | 2016/11/28 |
| | BLANK | | Butter 2016/03/30 | | T153 | 0.2556 | | T153 | | | | | 2016/11/28 |
| B6N4556 | DIS272-01R | | PG-T0-MUS-COC-* | | T22 | 10.2246 | | T182 | 1 | 2017/08/16 | 2016/11/18 18:00 | DOD | 2016/11/28 |
| B6N4556 | DIS273-01R | | PG-T0-MUS-COC-* | | T200 | 10.3198 | | B73 | 1 | 2017/08/29 | 2016/11/18 18:00 | DOD | 2016/11/28 |
| B6N4556 | DIS274-01R | | PG-SMA-1-1-16101* | | T14 | 10.4106 | | T28 | 1 | 2017/10/11 | 2016/11/18 18:00 | DOD | 2016/11/28 |
| B6N4556 | DIS275-01R | 0 | PG-SMA-1-2-16101* | | T183 | 10.2828 | | T27 | 1 | 2017/10/11 | 2016/11/18 18:00 | DOD | 2016/11/28 |
| B6N4556 | DIS275-01R | 1 | PG-SMA-1-2-16101* | | T54 | 10.2260 | | T55 | 1 | 2017/10/11 | 2016/11/18 18:00 | DOD | 2016/11/28 |
| B6N4556 | DIS276-01R | | PG-SMA-1-3-16101* | | T184 | 10.1632 | | T25 | 1 | 2017/10/11 | 2016/11/18 18:00 | DOD | 2016/11/28 |
| B6N4556 | DIS277-01R | | PG-REF-PJ-1-1610* | | T177 | 10.0866 | | T8 | 1 | 2017/10/11 | 2016/11/18 18:00 | DOD | 2016/11/28 |
| B6N4556 | DIS278-01R | | 16J0187-05 | | B130 | 10.2593 | | T49 | 1 | 2017/10/11 | 2016/11/18 18:00 | DOD | 2016/11/28 |
| S B6N4556 | DIS279-01R | | 16J0187-06A | | T15 | 10.2925 | | T48 | 1 | 2017/10/11 | 2016/11/18 18:00 | DOD | 2016/11/28 |
| RS B6O0376 | DJV041-01R | | 6102604-01 | | T185 | 10.3625 | | T40 | 1 | 2017/10/24 | 2016/11/17 18:00 | DOD | 2016/11/28 |
| S B6O0376 | DJV042-01R | | 6102604-02 | | T199 | 10.3838 | | T140 | 1 | 2017/10/24 | 2016/11/17 18:00 | DOD | 2016/11/28 |
| S B6O0376 | DJV043-01R | | 6102604-03 | | T151 | 10.1642 | | T26 | 1 | 2017/10/24 | 2016/11/17 18:00 | DOD | 2016/11/28 |
| S B6O0382 | DJV055-01R | | 6102701-01 | | T144 | 10.3932 | | T143 | 1 | 2017/10/24 | 2016/11/17 18:00 | DOD | 2016/11/28 |
| S B6O0382 | DJV056-01R | | 6102701-02 | | T26 | 10.3291 | | B99 | 1 | 2017/10/24 | 2016/11/17 18:00 | DOD | 2016/11/28 |
| S B6O0382 | DJV057-01R | | 6102701-03 | | T187 | 10.2627 | | T187 | 1 | 2017/10/24 | 2016/11/17 18:00 | DOD | 2016/11/28 |
| S B6O0387 | DJV090-01R | | 6102801-01 | | T33 | 10.0993 | | T50 | 1 | 2017/10/24 | 2016/11/23 23:00 | DOD | 2016/11/28 |
| S B6O0387 | DJV091-01R | | 6102801-02 | | B11 | 10.2629 | | T18 | 1 | 2017/10/24 | 2016/11/23 23:00 | DOD | 2016/11/28 |
| S B6O0387 | DJV092-01R | | 6102801-03 | | T189 | 10.1316 | | T66 | 1 | 2017/10/24 | 2016/11/23 23:00 | DOD | 2016/11/28 |
| S B6P6472 | DMY805-01R | | PCB SMOKED ME* | | T147 | 10.2818 | ✓ | T162 | 1 | | 2016/12/16 17:00 | | 2016/11/28 |

Remarks:

Samples extracted by: Michael Hopkins

Instrumentation performed by: _____

Date: _____

Calculations performed by: _____

Date: _____

Validated by: Maxxim Analytics

Date: _____

| Ultra Trace - Worksheet Validation Checklist | | | | | |
|---|---|--------------------------------|--------------------------------|----|-----|
| Prep Worksheet # 4767897 | | Instrument Worksheet # 4779395 | | | |
| Testcode: PREPPCA-T1 | | Testcode: PCBCOWHR-T | | | |
| Sample Preparation | | | yes | no | n/a |
| 1 | Samples extracted within hold time | | ✓ | | |
| 2 | Client sample ID, verified against Lab ID | | | | ✓ |
| 3 | Job Remarks reviewed on 2nd page of worksheet & testcodes reviewed for spiking | | ✓ | | |
| 4 | Method required QC processed with samples | | ✓ | | |
| 5 | Sample, duplicate, matrix spike appear similar, initial sample as well as final extract | | | | |
| 6 | Sample weight or initial volume and extract final volume, aliquot factor clearly recorded | | ✓ | | |
| 7 | If performed any additional dilution clearly recorded | | | | |
| 8 | Spiking solutions valid (haven't expired), ID and volume used clearly identified on worksheet | | ✓ | | |
| 9 | Spiking process witnessed and signed off | | ✓ | | |
| 10 | Sample prep deviations documented on Bench Level Deviation Form (CAM FCD-00328) | | | | |
| 11 | Tracking sheets completed | | ✓ | | |
| Prepared by: MH | | | Date: 2016/11/29 | | |
| Comments: | | | Reviewed by: HRP 2016 12 06 | | |
| Primary review by the analyst - 100 % analysis review | | | yes | no | n/a |
| 1 | System performance check acceptable (if applicable) | | ✓ | | |
| 2 | Analysis set-up meets method criteria | | ✓ | | |
| 3 | Tuning and correct calibration used - criteria meets method criteria | | ✓ | | |
| 4 | SQC/Control Charts updated, analysis in statistical/method control | | | | ✓ |
| 5 | Internal area counts checked (if applicable) | | | | ✓ |
| 6 | LCS, SRM are within acceptance criteria | | | | ✓ |
| 7 | Surrogate Recovery(s) is within acceptance criteria | | ✓ | | |
| 8 | Method Blank meets acceptance criteria | | | | ✓ |
| 9 | Matrix Spike recovery(s) meets acceptance criteria | | | | ✓ |
| 10 | Duplicate precision meets acceptance criteria | | | | ✓ |
| 11 | QC is documented on the run logs | | ✓ | | |
| 12 | Runs checked for carryover | | ✓ | | |
| 13 | Prep log / worksheet(s) are present, signed / dated by a prep / instrument analysts | | ✓ | | |
| 14 | Initial weights, splits, impinger volumes (where applicable) are documented | | ✓ | | |
| 15 | Samples above calibration range diluted and reanalyzed <i>diluted for high intervals.</i> | | | ✓ | |
| 16 | Dilution factors (where justified) have been checked for correctness and entered | | ✓ | | |
| 17 | Analytical observations/anomalies documented in LIMS | | ✓ | | |
| 18 | If corrective actions were applied they are documented, initialed & dated | | | | ✓ |
| 19 | Transferred data is approved in LIMS for correctness | | ✓ | | |
| 20 | Sample Prep section (above) reviewed and verified | | ✓ | | |
| 21 | Data package assembled (where required) | | | | ✓ |
| Data Approved by: Amjad Hassan | | | Date: 12-12-14 | | |
| Comments: | | | | | |
| Secondary Supervisor/Qualified Data Review Staff | | | yes | no | n/a |
| 1 | Repeats documented and referenced | | ✓ | | |
| 2 | Method and sample deviations noted, anomalies described (if applicable) | | ✓ | | |
| 3 | Data and QC validated in LIMS | | ✓ | | |
| 4 | Manual Integration -- before & after data with a reason included, initialed & dated | | ✓ | | |
| 5 | Random calculation checked | | ✓ | | |
| 6 | Worksheet(s) and sample prep sheets (FCDs) signed and dated | | ✓ | | |
| 7 | Data Package (if required) checked for completeness | | ✓ | | |
| Validated & Status Checked by: Carly Xu | | | Date: 12/12/15 | | |
| Comments: | | | | | |

Note: Primary and Secondary Internal Data Review Check must be performed by a different person

HR Soil/Tissue/Food Tracking Sheet

| | | | | |
|---------------------------------|--------|-------------------|----------------|---------|
| Solvent | Lot No | Date & Time | Extracted by:- | WS# |
| MeCl ₂ | 164514 | 2016/11/28 2:30pm | MH | 4767897 |
| Hexane | 163812 | 2016/11/29 6:30am | MH | |
| Toluene | | | | |
| Iso Octane | 160030 | 2016/11/30 | | |
| Na ₂ SO ₄ | 165133 | GPC | | |
| Acetone | | | | |
| Silica | | | | |
| DF | | | | |

| | | | | |
|--|-------------|---|----------------------------|-------------|
| Solvent/Absorbent | Lot#/Lab ID | Lot#/Lab ID | Solvent/Absorbent | Lot#/Lab ID |
| 44% Acid Silica | | | 50% Toluene: Ethyl Acetate | H2SO4 |
| 33% KOH Silica | | | 50% DCM: Hexane | KOH |
| 10% AgNO ₃ | | | Carbon/Celite | Carbon |
| Surrogate/Spike solutions | Syringe ID | Concentration | MTD SPK | Mx. Spk. |
| EPA Mid 23 Internal Std Soln | | 13C12-T4-H7DD/DF @ 100 pg/ul 13C12-08CDD @ 200 pg/ul | | Samples |
| EPA Mid 23 Matrix Spiking Soln | | T4-H7DD/DF @ 250 pg/ul O8CDD/DF @ 500 pg/ul | | |
| EPA Mid 1613 Internal Std. Soln | | 13C12-T4-H7DD/DF @ 100 pg/ul 13C12-08CDD @ 200 pg/ul | | |
| EPA Mid 1613 Matrix Spiking Soln | | T4 @ 40 P5-H7DD/DF @ 200 pg/ul O8CBB/DF @ 400 pg/ul | | |
| EPA Mid 1613 Alt. Spike (Clean-up) | | 37C14-2378-T4CDD @ 400 pg/ul | | |
| EPA Region IV (8290) Internal Std Soln | | 13C12-T4-E5 @ 400 pg/ul H6-H7 @ 250 pg/ul 13C12-08CDD @ 500 pg/ul | | |
| EPA Region IV (8290) Mat. Spiking Soln | | T4-H7DD/DF @ 25 pg/ul O8CDD/DF @ 50 pg/ul | | |

| | | | |
|----------------------------------|-------------|-----------------|------------|
| Solvent/ Absorbent | Lot#/Lab ID | Prep. Date/Code | N2-Evap ID |
| 1% Deati. Alumina | | | |
| Surrogate/Spike solutions | Syringe ID | Concentration | MTD SPK |
| CARB 429 Internal Std Soln (PAH) | | 5-10 ng/ul | |
| CARB 429 Matrix Spiking Soln | | 5ng/ul | |

| | | | | |
|-----------------------------------|----------------|----------------|--------------------|-------------|
| Solvent/ Absorbent | Lot#/Lab ID | Lot#/Lab ID | Solvent/ Absorbent | Lot#/Lab ID |
| 44% Acid Silica | 2016/11/22 #13 | 2016/11/28 #17 | H2SO4 | |
| Copper | | | HCl | |
| 3% Deactivated Florisil | | | | |
| Surrogate/Spike solutions | Syringe ID | Concentration | MTD SPK | Mx. Spk. |
| HR PCB Internal Std Soln | 14HRMS-10 | 0.4ng/ul | | Samples |
| HR PCB Matrix Spiking Soln | 13HRMS-03 | 0.1ng/ul | | |
| HR PCB Alternate (Clean-up) Spike | 14HRMS-13 | 0.4ng/ul | | |

| | | | |
|---------------------------|-------------|-----------------|------------|
| Solvent/ Absorbent | Lot#/Lab ID | Prep. Date/Code | N2-Evap ID |
| Petroleum Ether | | | |
| Ethyl Acetate | | | |
| Surrogate/Spike solutions | Syringe ID | Concentration | MTD SPK |
| HR OC Internal Std Soln | | 4ng/ul | |
| HR OC Matrix Spiking Soln | | 5ng/ul | |

COMMENTS:-

of 1703

Spiking Witness by: *[Signature]* 2016/11/28

Rotovape ID: 734116 + 3.6

*Note: If samples are cleaned up by FMS then attach the FMS FCD.

2016/12/03

#04 NE-01

5ml

10ml

5ml

5ml

5ml

5ml

5ml

5ml

5ml

5ml

5ml

5ml

5ml

5ml

5ml

5ml

5ml

5ml

5ml

5ml

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5ml

5ml

5ml

5ml

5ml

5ml

5ml

5ml

5ml



CAP 18 - 189 rue d'Aubervilliers
F-75018 PARIS

PT Scheme 44 - PCB and dioxins in agri-food domain

2016-2017 annual series
Production Smoked meat PCB

MAXXAM ANALYTICS - Laboratory 12729

Type in your(s) sample number(s) :

6-2744 -

Sample(s) arrived on : yyyy-mm-dd

Results must arrive at Bipea before (23:59 Paris local time) : DIMANCHE 8 JANVIER 2017

Instructions :

Participants must treat samples for interlaboratory comparisons as they usually do, except when there are other recommendations mentioned below.

Expression of the results :

Results should be expressed compared to the raw product for all the parameters, unless otherwise instructed.

Informations about samples :

The spiking range for indicator PCBs is as follows: 1 - 30 µg/kg

• Test sample weight

MASS44 = 9

• Freeze-drying step

LYO yes/no

INDICATOR POLYCHLOROBIPHENYLS

• PCB 28

Choice of used method

| | | | | | |
|--------------------|--------------------------|---------------------------------|------------------------|----------------------|---------------------|
| | GC-ECD | <input type="radio"/> GEPCB2844 | = <input type="text"/> | <input type="text"/> | µg.kg ⁻¹ |
| High-resolution GC | <input type="radio"/> GH | | | | |
| GC MS | <input type="radio"/> GM | | | | |
| GC MS/MS | <input type="radio"/> GS | | | | |

• PCB 52

Choice of used method

| | | | | | |
|--------------------|--------------------------|---------------------------------|------------------------|----------------------|---------------------|
| | GC-ECD | <input type="radio"/> GEPCB5244 | = <input type="text"/> | <input type="text"/> | µg.kg ⁻¹ |
| High-resolution GC | <input type="radio"/> GH | | | | |
| GC MS | <input type="radio"/> GM | | | | |
| GC MS/MS | <input type="radio"/> GS | | | | |

• PCB 101

Choice of used method

| | | | | | |
|--------------------|--------------------------|----------------------------------|------------------------|----------------------|---------------------|
| | GC-ECD | <input type="radio"/> GEPCB10144 | = <input type="text"/> | <input type="text"/> | µg.kg ⁻¹ |
| High-resolution GC | <input type="radio"/> GH | | | | |
| GC MS | <input type="radio"/> GM | | | | |
| GC MS/MS | <input type="radio"/> GS | | | | |

• PCB 138

Choice of used method

| | | | | | |
|--------------------|--------------------------|----------------------------------|------------------------|----------------------|---------------------|
| | GC-ECD | <input type="radio"/> GEPCB13844 | = <input type="text"/> | <input type="text"/> | µg.kg ⁻¹ |
| High-resolution GC | <input type="radio"/> GH | | | | |
| GC MS | <input type="radio"/> GM | | | | |

• PCB 153

□ Choice of used method

| | | | | | |
|--------------------|--------------------------|----------------------------------|---|----------------------|---------------------|
| | GC-ECD | <input type="radio"/> GEPCB15344 | = | <input type="text"/> | µg.kg ⁻¹ |
| High-resolution GC | <input type="radio"/> GH | | | | |
| GC MS | <input type="radio"/> GM | | | | |
| GC MS/MS | <input type="radio"/> GS | | | | |

• PCB 180

□ Choice of used method

| | | | | | |
|--------------------|--------------------------|----------------------------------|---|----------------------|---------------------|
| | GC-ECD | <input type="radio"/> GEPCB18044 | = | <input type="text"/> | µg.kg ⁻¹ |
| High-resolution GC | <input type="radio"/> GH | | | | |
| GC MS | <input type="radio"/> GM | | | | |
| GC MS/MS | <input type="radio"/> GS | | | | |

• Sum of the 6 Indicator-PCBs

□ Choice of used method

| | | | | | |
|--------------------|--------------------------|---------------------------------|---|----------------------|---------------------|
| | GC-ECD | <input type="radio"/> GESPCBI44 | = | <input type="text"/> | µg.kg ⁻¹ |
| High-resolution GC | <input type="radio"/> GH | | | | |
| GC MS | <input type="radio"/> GM | | | | |
| GC MS/MS | <input type="radio"/> GS | | | | |

- End of form -

Remarks for BIPEA :

Remarks for the manager (not forwarded to BIPEA) :

Remarks to be published in the ILCR :

Your full name (it will not be forwarded to BIPEA) :

Lipids
5 mL
↓ ↓
0.5 mL 4.5 mL
lipids GPC
CleanUp

HRMS Sample Information Transfer

Analyst: Michael Hopkins

Date: 2016/11/28

WS # 4767897

Extraction Status: Started @ 2:30 pm

Roto-Vap Status: Done for all of the samples 2016/11/29 MH

All samples have been filtered 2016/11/29 MH

Lipids done for all samples except Blank, Spike, Spike Dup, MS, DIS275 Dup ^{2016/11/30} MH

Cleanup Status: All samples are running on the ~~HT~~ GPC except DJV091, DJV092. need to add ^{2016/11/30} MH to the sequence 2016/11/30 MH

^{2016/12/01} _{HSD} Run rest of 2-samples on GPC
Samples BUK, SPR, SPR DUP, DMY805, MS(DIS272), DIS272, DIS273, Dup(DIS273), DIS274, DIS275, DIS276, DTS not mixed after LIPC. Did complete cleanup for them. Acid column cleanups

* Listed above ready for PCB column cleanups.

DE 2016/12/01
witness for
cleanup (SPK)

^{2016/12/03} Clean Up Spike added to ~~the~~ remaining samples 2016/12/03 MH; CFB 2016/12/03.

Acid columns done for the remaining samples 2016/12/03 MH

^{2016/12/04} _{HSD} PCB column cleanups done for all 23-samples. (Prepared copper & added before).
- Need to blow-down & accept-vial.

Reacti-Vial: completed

Completion Date: 2016/12/05 JN

M2161208 A

ULT 2

PCB

| Bottle | File Name | File Text | Sample ID | Wt/Vol | |
|--------|-----------|-------------|----------------------------------|------------|----------|
| 1 | 1 | M2161208A04 | CS3_PCB 150417CXU | --- | 1.000000 |
| 2 | 2 | M2161208A05 | 209MIX_PCB 150822CXU | --- | 1.000000 |
| 3 | 3 | M2161208A06 | SPIKE | 4783920 IP | 1.000000 |
| 4 | 4 | M2161208A07 | SPIKE:D1 | 4783920 IP | 1.000000 |
| 5 | 5 | M2161208A08 | solvent | solvent | 1.000000 |
| 6 | 6 | M2161208A09 | BLANK → HIGH-FLAG | 4783920 IP | 1.000000 |
| 7 | 7 | M2161208A10 | SPIKE:D1 DILX5 - NOT M2161208A10 | 4779396 TI | 1.000000 |
| 8 | 1 | M2161208A11 | CS3_PCB 150417CXU | --- | 1.000000 |

Spt = M216129A - Spt = 106B

BLANK - ACC. INW ON M216129A AND IS ALSO HIGH



4.3 Sample Chromatograms

Maxxam Analytics International
6740 Campobello Rd
Mississauga, Ontario, Canada
L5N 2L8
1-800-668-0639
www.maxxamanalytics.com

PG-T0-MUS-COC-160816 16H1

| | | | | |
|-------------------------------|-----------------------|--------------------|------------------|-------------------|
| Lab Name | Maxxam Analytics Inc. | | Lab Sample ID: | B6N4556-DIS272 |
| Method | EPA 1668A m | | Project Number: | PORT GAMBLE |
| Matrix: | tissue | | Project Name: | |
| Sample wt/vol: | 10.22 | (g) g (dry weight) | Lab File ID: | M2161205B08 |
| Level (low/med): | low | | Date Received: | October 28, 2016 |
| % Moisture: | Not applicable | Decanted (Y/N): N | Date Extracted: | November 28, 2016 |
| Concentrated Extract Volume: | 100 | (uL) | Lab Batch: | 4779396 |
| Injection Volume: | 1 | (uL) | Date Analyzed: | December 6, 2016 |
| Acid/Base Wash Cleanup (Y/N): | N | pH | Calib. Ref.: | December 5, 2016 |
| Silica Column Cleanup (Y/N): | Y | | Time Analyzed: | 01:30 |
| Alumina Column Cleanup (Y/N): | N | | Dilution Factor: | 1 |
| Carbon Column Cleanup (Y/N): | N | | | |
| GPC Column Cleanup (Y/N): | N | | | |

| CAS Number | Compound | Concentration (ng/g) | EDL (ng/g) | TE (ng/g) | REPORTING LIMIT (ng/g) |
|-----------------|--------------------------|----------------------|------------|--------------|------------------------|
| 2051-60-7 | 2-MonoCB-(1) | 0.0011 U | 0.0011 | | 0.0098 |
| 33146-45-1 | 2,6-DiCB-(10) | 0.021 U | 0.021 | | 0.0098 |
| 60145-21-3 | 22'45'6'-PentaCB-(103) | 0.0020 J | 0.0012 | | 0.0098 |
| 56558-16-8 | 22'466'-PentaCB-(104) | 0.00056 U | 0.00056 | | 0.0098 |
| 32598-14-4 | 233'44'-PentaCB-(105) | 0.0152 | 0.0013 | 0.000000456 | 0.0098 |
| 70424-69-0 | 233'45'-PentaCB-(106) | 0.00090 U | 0.00090 | | 0.0098 |
| 70424-68-9 | 233'4'5'-PentaCB-(107) | 0.00460 J | 0.00079 | | 0.0098 |
| 70362-41-3 | PentaCB-(108)+(124) | 0.00173 J | 0.00088 | | 0.020 |
| 2050-67-1 | 3,3'-DiCB-(11) | 0.0083 U | 0.0083 | | 0.0098 |
| 38380-03-9 | PentaCB-(110)+(115) | 0.0447 | 0.0013 | | 0.020 |
| 39635-32-0 | 233'55'-PentaCB-(111) | 0.0012 U | 0.0012 | | 0.0098 |
| 74472-36-9 | 233'56'-PentaCB-(112) | 0.0011 U | 0.0011 | | 0.0098 |
| 74472-37-0 | 2344'5'-PentaCB-(114) | 0.0012 U | 0.0012 | 0.0000000360 | 0.0098 |
| 31508-00-6 | 23'44'5'-PentaCB-(118) | 0.0557 | 0.0013 | 0.00000167 | 0.0098 |
| 2974-92-7..90-5 | DiCB-(12)+(13) | 0.0063 U | 0.0063 | | 0.020 |
| 68194-12-7 | 23'455'-PentaCB-(120) | 0.0010 U | 0.0010 | | 0.0098 |
| 56558-18-0 | 23'45'6'-PentaCB-(121) | 0.0011 U | 0.0011 | | 0.0098 |
| 76842-07-4 | 233'45'-PentaCB-(122) | 0.00093 U | 0.00093 | | 0.0098 |
| 65510-44-3 | 23'44'5'-PentaCB-(123) | 0.0014 U | 0.0014 | 0.0000000420 | 0.0098 |
| 57465-28-8 | 33'44'5'-PentaCB-(126) | 0.0013 U | 0.0013 | 0.000130 | 0.0098 |
| 39635-33-1 | 33'455'-PentaCB-(127) | 0.00083 U | 0.00083 | | 0.0098 |
| 38380-07-3 | HexaCB-(128)+(166) | 0.0133 J | 0.0034 | | 0.020 |
| 55215-18-4 | HexaCB-(129)+(138)+(163) | 0.117 | 0.0036 | | 0.029 |
| 52663-66-8 | 22'33'45'-HexaCB-(130) | 0.0067 J | 0.0041 | | 0.0098 |
| 61798-70-7 | 22'33'46'-HexaCB-(131) | 0.0044 U | 0.0044 | | 0.0098 |
| 38380-05-1 | 22'33'46'-HexaCB-(132) | 0.0096 J | 0.0045 | | 0.0098 |
| 35694-04-3 | 22'33'55'-HexaCB-(133) | 0.0038 U | 0.0038 | | 0.0098 |
| 52704-70-8 | HexaCB-(134)+(143) | 0.0040 U | 0.0040 | | 0.020 |
| 52744-13-5 | HexaCB-(135)+(151) | 0.0386 | 0.0024 | | 0.020 |
| 38411-22-2 | 22'33'66'-HexaCB-(136) | 0.0075 J | 0.0016 | | 0.0098 |
| 35694-06-5 | 22'344'5'-HexaCB-(137) | 0.0041 U | 0.0041 | | 0.0098 |
| 56030-56-9 | HexaCB-(139)+(140) | 0.0035 U | 0.0035 | | 0.020 |
| 34883-41-5 | 3,5-DiCB-(14) | 0.0054 U | 0.0054 | | 0.0098 |
| 52712-04-6 | 22'3455'-HexaCB-(141) | 0.0036 U | 0.0036 | | 0.0098 |
| 41411-61-4 | 22'3456'-HexaCB-(142) | 0.0039 U | 0.0039 | | 0.0098 |
| 68194-14-9 | 22'345'6'-HexaCB-(144) | 0.0028 J | 0.0022 | | 0.0098 |
| 74472-40-5 | 22'3466'-HexaCB-(145) | 0.0018 U | 0.0018 | | 0.0098 |
| 51908-16-8 | 22'34'55'-HexaCB-(146) | 0.0301 | 0.0033 | | 0.0098 |
| 68194-13-8 | HexaCB-(147)+(149) | 0.0847 | 0.0035 | | 0.020 |
| 74472-41-6 | 22'34'56'-HexaCB-(148) | 0.0021 U | 0.0021 | | 0.0098 |
| 2050-68-2 | 4,4'-DiCB-(15) | 0.012 U | 0.012 | | 0.0098 |
| 68194-08-1 | 22'34'66'-HexaCB-(150) | 0.0017 U | 0.0017 | | 0.0098 |
| 68194-09-2 | 22'3566'-HexaCB-(152) | 0.0015 U | 0.0015 | | 0.0098 |
| 35065-27-1 | HexaCB-(153)+(168) | 0.168 | 0.0030 | | 0.0098 |
| 60145-22-4 | 22'44'56'-HexaCB-(154) | 0.0053 J | 0.0020 | | 0.0098 |
| 33979-03-2 | 22'44'66'-HexaCB-(155) | 0.00097 U | 0.00097 | | 0.0098 |

PG-T0-MUS-COC-160816 16H1

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|-------------------------------|------------------------------|-----------------|---------------------|-------------------------|--------------------------|
| Lab Name | <u>Maxxam Analytics Inc.</u> | | Lab Sample ID: | <u>B6N4556-DIS272</u> | |
| Method | <u>EPA 1668A m</u> | | Project Number: | <u>PORT GAMBLE</u> | |
| Matrix: | <u>tissue</u> | | Project Name: | <u></u> | |
| Sample wt/vol: | <u>10.22</u> | (g) | Lab File ID: | <u>M2161205B08</u> | |
| Level (low/med): | <u>low</u> | | Date Received: | <u>October 28, 2016</u> | |
| % Moisture: | <u>Not applicable</u> | Decanted (Y/N): | <u>N</u> | Date Extracted: | <u>November 28, 2016</u> |
| Concentrated Extract Volume: | <u>100</u> | (uL) | Lab Batch: | <u>4779396</u> | |
| Injection Volume: | <u>1</u> | (uL) | Date Analyzed: | <u>December 6, 2016</u> | |
| Acid/Base Wash Cleanup (Y/N): | <u>N</u> | | Calib. Ref.: | <u>December 5, 2016</u> | |
| Silica Column Cleanup (Y/N): | <u>Y</u> | | Time Analyzed: | <u>01:30</u> | |
| Alumina Column Cleanup (Y/N): | <u>N</u> | | Dilution Factor: | <u>1</u> | |
| Carbon Column Cleanup (Y/N): | <u>N</u> | | | | |
| GPC Column Cleanup (Y/N): | <u>N</u> | | | | |
| | | pH | <u>Not analyzed</u> | | |

| CAS Number | Compound | Concentration (ng/g) | EDL (ng/g) | TE (ng/g) | REPORTING LIMIT (ng/g) |
|-----------------|---------------------------|----------------------|------------|--------------|------------------------|
| 38380-08-4 | HexaCB-(156)+(157) | 0.0039 U | 0.0039 | 0.000000117 | 0.020 |
| 74472-42-7 | 233'44'6'-HexaCB-(158) | 0.0062 J | 0.0027 | | 0.0098 |
| 39635-35-3 | 233'455'-HexaCB-(159) | 0.0011 U | 0.0011 | | 0.0098 |
| 38444-78-9 | 22'3'-TriCB-(16) | 0.0036 U | 0.0036 | | 0.0098 |
| 41411-62-5 | 233'456'-HexaCB-(160) | 0.0034 U | 0.0034 | | 0.0098 |
| 74472-43-8 | 233'45'6'-HexaCB-(161) | 0.0027 U | 0.0027 | | 0.0098 |
| 39635-34-2 | 233'4'55'-HexaCB-(162) | 0.0012 U | 0.0012 | | 0.0098 |
| 74472-45-0 | 233'4'5'6'-HexaCB-(164) | 0.0030 U | 0.0030 | | 0.0098 |
| 74472-46-1 | 233'55'6'-HexaCB-(165) | 0.0032 U | 0.0032 | | 0.0098 |
| 52663-72-6 | 23'44'55'-HexaCB-(167) | 0.0030 U | 0.0030 | 0.0000000900 | 0.0098 |
| 32774-16-6 | 33'44'55'-HexaCB-(169) | 0.0017 U | 0.0017 | 0.0000510 | 0.0098 |
| 37680-66-3 | 22'4'-TriCB-(17) | 0.0032 U | 0.0032 | | 0.0098 |
| 35065-30-6 | 22'33'44'5'-HeptaCB-(170) | 0.0016 U | 0.0016 | | 0.0098 |
| 52663-71-5 | HeptaCB-(171)+(173) | 0.0041 U | 0.0041 | | 0.020 |
| 52663-74-8 | 22'33'455'-HeptaCB-(172) | 0.0022 U | 0.0022 | | 0.0098 |
| 38411-25-5 | 22'33'456'-HeptaCB-(174) | 0.0022 U | 0.0022 | | 0.0098 |
| 40186-70-7 | 22'33'45'6'-HeptaCB-(175) | 0.0010 U | 0.0010 | | 0.0098 |
| 52663-65-7 | 22'33'466'-HeptaCB-(176) | 0.00161 J | 0.00078 | | 0.0098 |
| 52663-70-4 | 22'33'45'6'-HeptaCB-(177) | 0.0083 J | 0.0022 | | 0.0098 |
| 52663-67-9 | 22'33'55'6'-HeptaCB-(178) | 0.0071 J | 0.0011 | | 0.0098 |
| 52663-64-6 | 22'33'566'-HeptaCB-(179) | 0.00799 J | 0.00074 | | 0.0098 |
| 37680-65-2 | TriCB-(18)+(30) | 0.0042 J | 0.0026 | | 0.020 |
| 35065-29-3 | HeptaCB-(180)+(193) | 0.0124 J | 0.0014 | | 0.020 |
| 74472-47-2 | 22'344'56'-HeptaCB-(181) | 0.0022 U | 0.0022 | | 0.0098 |
| 60145-23-5 | 22'344'56'-HeptaCB-(182) | 0.0011 U | 0.0011 | | 0.0098 |
| 52663-69-1 | 22'344'5'6'-HeptaCB-(183) | 0.0113 | 0.0017 | | 0.0098 |
| 74472-48-3 | 22'344'66'-HeptaCB-(184) | 0.00081 U | 0.00081 | | 0.0098 |
| 52712-05-7 | 22'3455'6'-HeptaCB-(185) | 0.0025 U | 0.0025 | | 0.0098 |
| 74472-49-4 | 22'34566'-HeptaCB-(186) | 0.00089 U | 0.00089 | | 0.0098 |
| 52663-68-0 | 22'34'55'6'-HeptaCB-(187) | 0.0443 | 0.0011 | | 0.0098 |
| 74487-85-7 | 22'34'566'-HeptaCB-(188) | 0.00069 U | 0.00069 | | 0.0098 |
| 39635-31-9 | 233'44'55'-HeptaCB-(189) | 0.0011 U | 0.0011 | 0.0000000330 | 0.0098 |
| 38444-73-4 | 22'6'-TriCB-(19) | 0.0019 U | 0.0019 | | 0.0098 |
| 41411-64-7 | 233'44'56'-HeptaCB-(190) | 0.0017 U | 0.0017 | | 0.0098 |
| 74472-50-7 | 233'44'5'6'-HeptaCB-(191) | 0.0016 U | 0.0016 | | 0.0098 |
| 74472-51-8 | 233'455'6'-HeptaCB-(192) | 0.0019 U | 0.0019 | | 0.0098 |
| 35694-08-7 | 22'33'44'55'-OctaCB-(194) | 0.0015 U | 0.0015 | | 0.0098 |
| 52663-78-2 | 22'33'44'56'-OctaCB-(195) | 0.0016 U | 0.0016 | | 0.0098 |
| 42740-50-1 | 22'33'44'56'-OctaCB-(196) | 0.0011 U | 0.0011 | | 0.0098 |
| 33091-17-7 | 22'33'44'66'-OctaCB-(197) | 0.00089 U | 0.00089 | | 0.0098 |
| 68194-17-2 | OctaCB-(198)+(199) | 0.0011 U | 0.0011 | | 0.020 |
| 2051-61-8 | 3-MonoCB-(2) | 0.00081 U | 0.00081 | | 0.0098 |
| 38444-84-7 | TriCB-(20) + (28) | 0.0126 J | 0.00073 | | 0.020 |
| 52663-73-7 | 22'33'4566'-OctaCB-(200) | 0.00069 U | 0.00069 | | 0.0098 |
| 40186-71-8 | 22'33'45'66'-OctaCB-(201) | 0.00072 U | 0.00072 | | 0.0098 |
| 2136-99-4 | 22'33'55'66'-OctaCB-(202) | 0.00261 J | 0.00073 | | 0.0098 |
| 52663-76-0 | 22'344'55'6'-OctaCB-(203) | 0.0011 U | 0.0011 | | 0.0098 |
| 74472-52-9 | 22'344'566'-OctaCB-(204) | 0.00073 U | 0.00073 | | 0.0098 |

PG-T0-MUS-COC-160816 16H1

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|-------------------------------|------------------------------|---------------------------|------------------|--------------------------|
| Lab Name | <u>Maxxam Analytics Inc.</u> | | Lab Sample ID: | <u>B6N4556-DIS272</u> |
| Method | <u>EPA 1668A m</u> | | Project Number: | <u>PORT GAMBLE</u> |
| Matrix: | <u>tissue</u> | | Project Name: | <u></u> |
| Sample wt/vol: | <u>10.22</u> | (g) <u>g (dry weight)</u> | Lab File ID: | <u>M2161205B08</u> |
| Level (low/med): | <u>low</u> | | Date Received: | <u>October 28, 2016</u> |
| % Moisture: | <u>Not applicable</u> | Decanted (Y/N): <u>N</u> | Date Extracted: | <u>November 28, 2016</u> |
| Concentrated Extract Volume: | <u>100</u> | (uL) | Lab Batch: | <u>4779396</u> |
| Injection Volume: | <u>1</u> | (uL) | Date Analyzed: | <u>December 6, 2016</u> |
| Acid/Base Wash Cleanup (Y/N): | <u>N</u> | pH <u>Not analyzed</u> | Calib. Ref.: | <u>December 5, 2016</u> |
| Silica Column Cleanup (Y/N): | <u>Y</u> | | Time Analyzed: | <u>01:30</u> |
| Alumina Column Cleanup (Y/N): | <u>N</u> | | Dilution Factor: | <u>1</u> |
| Carbon Column Cleanup (Y/N): | <u>N</u> | | | |
| GPC Column Cleanup (Y/N): | <u>N</u> | | | |

| CAS Number | Compound | Concentration (ng/g) | EDL (ng/g) | TE (ng/g) | REPORTING LIMIT (ng/g) |
|-----------------|-----------------------------|----------------------|------------|-----------|------------------------|
| 74472-53-0 | 233'44'55'6-OctaCB-(205) | 0.0015 U | 0.0015 | | 0.0098 |
| 40186-72-9 | 22'33'44'55'6-NonaCB-(206) | 0.0013 U | 0.0013 | | 0.0098 |
| 52663-79-3 | 22'33'44'566'-NonaCB-(207) | 0.0010 U | 0.0010 | | 0.0098 |
| 52663-77-1 | 22'33'455'66'-NonaCB-(208) | 0.0013 U | 0.0013 | | 0.0098 |
| 2051-24-3 | DecaCB-(209) | 0.0024 U | 0.0024 | | 0.0098 |
| 55702-46-0 | TriCB-(21)+(33) | 0.0025 U | 0.0025 | | 0.020 |
| 38444-85-8 | 234'-TriCB-(22) | 0.0013 U | 0.0013 | | 0.0098 |
| 55720-44-0 | 235'-TriCB-(23) | 0.00077 U | 0.00077 | | 0.0098 |
| 55702-45-9 | 236'-TriCB-(24) | 0.0028 U | 0.0028 | | 0.0098 |
| 55712-37-3 | 234'-TriCB-(25) | 0.00094 U | 0.00094 | | 0.0098 |
| 38444-81-4 | TriCB-(26)+(29) | 0.00149 J | 0.00067 | | 0.020 |
| 38444-76-7 | 23'6'-TriCB-(27) | 0.0022 U | 0.0022 | | 0.0098 |
| 2051-62-9 | 4-MonoCB-(3) | 0.0011 U | 0.0011 | | 0.0098 |
| 16606-02-3 | 24'5'-TriCB-(31) | 0.00622 J | 0.00065 | | 0.0098 |
| 38444-77-8 | 24'6'-TriCB-(32) | 0.0020 U | 0.0020 | | 0.0098 |
| 37680-68-5 | 23'5'-TriCB-(34) | 0.00068 U | 0.00068 | | 0.0098 |
| 37680-69-6 | 33'4'-TriCB-(35) | 0.00071 U | 0.00071 | | 0.0098 |
| 38444-87-0 | 33'5'-TriCB-(36) | 0.00061 U | 0.00061 | | 0.0098 |
| 38444-90-5 | 344'-TriCB-(37) | 0.0021 J | 0.0015 | | 0.0098 |
| 53555-66-1 | 345'-TriCB-(38) | 0.00073 U | 0.00073 | | 0.0098 |
| 38444-88-1 | 34'5'-TriCB-(39) | 0.00074 U | 0.00074 | | 0.0098 |
| 13029-08-8 | 22'-DiCB-(4) | 0.018 U | 0.018 | | 0.0098 |
| 38444-93-8 | TetraCB-(40)+(41)+(71) | 0.0064 U | 0.0064 | | 0.029 |
| 36559-22-5 | 22'34'-TetraCB-(42) | 0.0039 J | 0.0017 | | 0.0098 |
| 70362-46-8 | 22'35'-TetraCB-(43) | 0.0023 U | 0.0023 | | 0.0098 |
| 41464-39-5 | TetraCB-(44)+(47)+(65) | 0.0264 J | 0.0014 | | 0.029 |
| 70362-45-7 | TetraCB-(45)+(51) | 0.0015 U | 0.0015 | | 0.020 |
| 41464-47-5 | 22'36'-TetraCB-(46) | 0.0017 U | 0.0017 | | 0.0098 |
| 70362-47-9 | 22'45'-TetraCB-(48) | 0.0036 J | 0.0016 | | 0.0098 |
| 41464-47-5 | TetraCB-(49)+TetraCB-(69) | 0.0101 J | 0.0013 | | 0.020 |
| 16605-91-7 | 2,3-DiCB-(5) | 0.0070 U | 0.0070 | | 0.0098 |
| 62796-65-0 | TetraCB-(50)+(53) | 0.0053 J | 0.0014 | | 0.020 |
| 35693-99-3 | 22'55'-TetraCB-(52) | 0.0352 U | 0.0014 | | 0.0098 |
| 15968-05-5 | 22'66'-TetraCB-(54) | 0.00070 U | 0.00070 | | 0.0098 |
| 74338-24-2 | 233'4'-TetraCB-(55) | 0.00078 U | 0.00078 | | 0.0098 |
| 41464-43-1 | 233'4'-TetraCB(56) | 0.00229 J | 0.00079 | | 0.0098 |
| 70424-67-8 | 233'5'-TetraCB-(57) | 0.00067 U | 0.00067 | | 0.0098 |
| 41464-49-7 | 233'5'-TetraCB-(58) | 0.00074 U | 0.00074 | | 0.0098 |
| 74472-33-6 | TetraCB-(59)+(62)+(75) | 0.0024 J | 0.0011 | | 0.029 |
| 25569-80-6 | 2,3'-DiCB-(6) | 0.0055 U | 0.0055 | | 0.0098 |
| 33025-41-1 | 2344'-TetraCB-(60) | 0.0023 U | 0.0023 | | 0.0098 |
| 33284-53-6 | TetraCB-(61)+(70)+(74)+(76) | 0.0261 J | 0.00072 | | 0.039 |
| 74472-34-7 | 2345'-TetraCB-(63) | 0.00093 J | 0.00065 | | 0.0098 |
| 52663-58-8 | 234'6'-TetraCB-(64) | 0.0024 J | 0.0012 | | 0.0098 |
| 32598-10-0 | 23'44'-TetraCB-(66) | 0.0124 U | 0.00065 | | 0.0098 |
| 73575-53-8 | 23'45'-TetraCB-(67) | 0.00062 U | 0.00062 | | 0.0098 |
| 73575-52-7 | 23'45'-TetraCB-(68) | 0.0011 U | 0.0011 | | 0.0098 |
| 33284-50-3 | 2,4-DiCB-(7) | 0.0062 U | 0.0062 | | 0.0098 |

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|-------------------------------|-----------------------|-----------------|------------------|-------------------|
| Lab Name | Maxxam Analytics Inc. | | Lab Sample ID: | B6N4556-DIS272 |
| Method | EPA 1668A m | | Project Number: | PORT GAMBLE |
| Matrix: | tissue | | Project Name: | |
| Sample wt/vol: | 10.22 | (g) | Lab File ID: | M2161205B08 |
| Level (low/med): | low | | Date Received: | October 28, 2016 |
| % Moisture: | Not applicable | Decanted (Y/N): | Date Extracted: | November 28, 2016 |
| Concentrated Extract Volume: | 100 | (uL) | Lab Batch: | 4779396 |
| Injection Volume: | 1 | (uL) | Date Analyzed: | December 6, 2016 |
| Acid/Base Wash Cleanup (Y/N): | N | pH | Calib. Ref.: | December 5, 2016 |
| Silica Column Cleanup (Y/N): | Y | | Time Analyzed: | 01:30 |
| Alumina Column Cleanup (Y/N): | N | | Dilution Factor: | 1 |
| Carbon Column Cleanup (Y/N): | N | | | |
| GPC Column Cleanup (Y/N): | N | | | |

| CAS Number | Compound | Concentration (ng/g) | EDL (ng/g) | TE (ng/g) | REPORTING LIMIT (ng/g) |
|-----------------|-------------------------------------|----------------------|------------|-------------|------------------------|
| 41464-42-0 | 23'55'-TetraCB-(72) | 0.00087 J | 0.00065 | | 0.0098 |
| 74338-23-1 | 23'5'6'-TetraCB-(73) | 0.0011 U | 0.0011 | | 0.0098 |
| 32598-13-3 | 33'44'-TetraCB-(77) | 0.0014 J | 0.0011 | 0.00000140 | 0.0098 |
| 70362-49-1 | 33'45'-TetraCB-(78) | 0.00071 U | 0.00071 | | 0.0098 |
| 41464-48-6 | 33'45'-TetraCB-(79) | 0.00063 U | 0.00063 | | 0.0098 |
| 34883-43-7 | 2,4'-DiCB-(8) | 0.0051 U | 0.0051 | | 0.0098 |
| 33284-52-5 | 33'55'-TetraCB-(80) | 0.00061 U | 0.00061 | | 0.0098 |
| 70362-50-4 | 344'5'-TetraCB-(81) | 0.0011 U | 0.0011 | 0.000000330 | 0.0098 |
| 52663-62-4 | 22'33'4'-PentaCB-(82) | 0.0028 U | 0.0028 | | 0.0098 |
| 60145-20-2 | PentaCB-(83)+(99) | 0.0714 | 0.0016 | | 0.020 |
| 52663-60-2 | 22'33'6'-PentaCB-(84) | 0.0057 J | 0.0017 | | 0.0098 |
| 65510-45-4 | PentaCB-(85)+(116)+(117) | 0.0120 J | 0.0012 | | 0.029 |
| 55312-69-1 | PentaCB-(86)(87)(97)(109)(119)(125) | 0.0254 J | 0.0013 | | 0.059 |
| 55215-17-3 | PentaCB-(88)+(91) | 0.0031 J | 0.0015 | | 0.020 |
| 73575-57-2 | 22'346'-PentaCB-(89) | 0.0015 U | 0.0015 | | 0.0098 |
| 34883-39-1 | 2,5-DiCB-(9) | 0.0054 U | 0.0054 | | 0.0098 |
| 68194-07-0 | PentaCB-(90)+(101)+(113) | 0.0806 | 0.0013 | | 0.029 |
| 52663-61-3 | 22'355'-PentaCB-(92) | 0.0168 | 0.0014 | | 0.0098 |
| 73575-56-1 | PentaCB-(93)+(98)+(100)+(102) | 0.0041 U | 0.0041 | | 0.039 |
| 73575-55-0 | 22'356'-PentaCB-(94) | 0.0016 U | 0.0016 | | 0.0098 |
| 38379-99-6 | 22'35'6'-PentaCB-(95) | 0.0386 | 0.0013 | | 0.0098 |
| 73575-54-9 | 22'366'-PentaCB-(96) | 0.00098 U | 0.00098 | | 0.0098 |
| CAS Number | Compound | Concentration (ng/g) | # of peaks | | |
| 1336-36-3 | Total PCB | 1.12 | | | |
| NA | Total TEQ | 0.000184 | | | |

| CAS Number | Surrogate | Recovery (%) | Acceptance Criteria (%) |
|------------|-------------------------------|--------------|-------------------------|
| | C13-2-MonoCB-(1) | 62 | 15 - 140 |
| | C13-22'466'-PentaCB-(104) | 100 | 30 - 140 |
| | C13-233'44'-PentaCB-(105) | 94 | 30 - 140 |
| | C13-233'55'-PentaCB-(111) | 97 | 40 - 125 |
| | C13-2344'5'-PentaCB-(114) | 95 | 30 - 140 |
| | C13-23'44'5'-PentaCB-(118) | 92 | 30 - 140 |
| | C13-2'344'5'-PentaCB-(123) | 96 | 30 - 140 |
| | C13-33'44'5'-PentaCB-(126) | 79 | 30 - 140 |
| | C13-44'-DiCB-(15) | 81 | 30 - 140 |
| | C13-22'44'66'-HexaCB-(155) | 115 | 30 - 140 |
| | C13-HexaCB-(156)+(157) | 85 | 30 - 140 |
| | C13-23'44'55'-HexaCB-(167) | 90 | 30 - 140 |
| | C13-33'44'55'-HexaCB-(169) | 52 | 30 - 140 |
| | C13-22'33'44'5'-HeptaCB-(170) | 114 | 30 - 140 |
| | C13-22'33'55'6'-HeptaCB-(178) | 107 | 40 - 125 |
| | C13-22'344'55'-HeptaCB-(180) | 119 | 30 - 140 |
| | C13-22'34'566'-HeptaCB-(188) | 106 | 30 - 140 |
| | C13-233'44'55'-HeptaCB-(189) | 117 | 30 - 140 |
| | C13-22'6'-TriCB-(19) | 83 | 30 - 140 |
| | C13-22'33'55'66'-OctaCB-(202) | 141 Q | 30 - 140 |

PG-T0-MUS-COC-160816 16H1

| | | | | |
|-------------------------------|------------------------------|-----------------|------------------|--------------------------|
| Lab Name | <u>Maxxam Analytics Inc.</u> | | Lab Sample ID: | <u>B6N4556-DIS272</u> |
| Method | <u>EPA 1668A m</u> | | Project Number: | <u>PORT GAMBLE</u> |
| Matrix: | <u>tissue</u> | | Project Name: | <u></u> |
| Sample wt/vol: | <u>10.22</u> | (g) | Lab File ID: | <u>M2161205B08</u> |
| Level (low/med): | <u>low</u> | | Date Received: | <u>October 28, 2016</u> |
| % Moisture: | <u>Not applicable</u> | Decanted (Y/N): | Date Extracted: | <u>November 28, 2016</u> |
| Concentrated Extract Volume: | <u>100</u> | (uL) | Lab Batch: | <u>4779396</u> |
| Injection Volume: | <u>1</u> | (uL) | Date Analyzed: | <u>December 6, 2016</u> |
| Acid/Base Wash Cleanup (Y/N): | <u>N</u> | pH | Calib. Ref.: | <u>December 5, 2016</u> |
| Silica Column Cleanup (Y/N): | <u>Y</u> | | Time Analyzed: | <u>01:30</u> |
| Alumina Column Cleanup (Y/N): | <u>N</u> | | Dilution Factor: | <u>1</u> |
| Carbon Column Cleanup (Y/N): | <u>N</u> | | | |
| GPC Column Cleanup (Y/N): | <u>N</u> | | | |

| CAS Number | Compound | Concentration (%) | EDL (%) | TE (%) | REPORTING LIMIT (%) |
|-------------|--------------------------------|-------------------|-------------------------|--------|---------------------|
| CAS Number | Surrogate | Recovery (%) | Acceptance Criteria (%) | | |
| | C13-233'44'55'6-OctaCB-(205) | 94 | 30 - 140 | | |
| | C13-22'33'44'55'6-NonaCB-(206) | 87 | 30 - 140 | | |
| | C13-22'33'45'56'6-NonaCB-(208) | 104 | 30 - 140 | | |
| 105600-27-9 | C13-DecaCB-(209) | 89 | 30 - 140 | | |
| | C13-2,44'-TriCB-(28) | 97 | 40 - 125 | | |
| | C13-4-MonoCB-(3) | 63 | 15 - 140 | | |
| | C13-344'-TriCB-(37) | 91 | 30 - 140 | | |
| | C13-22'-DiCB-(4) | 71 | 30 - 140 | | |
| | C13-22'66'-TetraCB-(54) | 99 | 30 - 140 | | |
| | C13-33'44'-TetraCB-(77) | 88 | 30 - 140 | | |
| | C13-344'5-TetraCB-(81) | 87 | 30 - 140 | | |

Filename M2161205B08
 Acquired 12/06/2016 1:30

Calli File m2161205B_209

Sample ID DIS272-01R
 Comments
 Instrument File Ultima 3
 Sample Size 10.225

Dil Fac 1.00

| Name | mass | RT | Area | ratio | Tot Area | ng/g | Code | Isomers | DL | S/N | Mod no | rf | Rec |
|--------------|-----------|--------|----------|-------|----------|----------|---------------|---------|----------|-----|--------|-------|-----|
| 1 PCB 1 | 188 | NotFnd | * | * | * | -0.00107 | | | -0.00107 | * | | 1.296 | - |
| | MoCB 190 | 8.82 | * | no | * | | | | | * | | | |
| 2 PCB 2 | 188 | NotFnd | * | * | * | -0.00081 | | | -0.00081 | * | no | 1.697 | - |
| | MoCB 190 | 9.93 | * | no | * | | | | | * | | | |
| 3 PCB 3 | 188 | NotFnd | * | * | * | -0.00108 | | | -0.00108 | * | no | 1.276 | - |
| | MoCB 190 | 10.01 | * | no | * | | | | | * | | | |
| 4 PCB 4 | 222 | NotFnd | * | * | * | -0.01785 | | | -0.01785 | * | no | 1.186 | - |
| | DICB 224 | 10.13 | * | no | * | | | | | * | | | |
| 5 PCB 10 | 222 | NotFnd | * | * | * | -0.02112 | | | -0.02112 | * | no | 1.002 | - |
| | DICB 224 | 10.22 | * | no | * | | | | | * | | | |
| 6 PCB 9 | 222 | NotFnd | * | * | * | -0.00537 | | | -0.00537 | * | no | 2.318 | - |
| | DICB 224 | 11.02 | * | no | * | | | | | * | | | |
| 7 PCB 7 | 222 | NotFnd | * | * | * | -0.00617 | | | -0.00617 | * | no | 2.015 | - |
| | DICB 224 | 11.10 | * | no | * | | | | | * | | | |
| 8 PCB 6 | 222 | NotFnd | * | * | * | -0.00546 | | | -0.00546 | * | no | 2.278 | - |
| | DICB 224 | 11.20 | * | no | * | | | | | * | | | |
| 9 PCB 5 | 222 | NotFnd | * | * | * | -0.00698 | | | -0.00698 | * | no | 1.783 | - |
| | DICB 224 | 11.32 | * | no | * | | | | | * | | | |
| 10 PCB 8 | 222 | NotFnd | * | * | * | -0.00515 | | | -0.00515 | * | no | 2.416 | - |
| | DICB 224 | 11.38 | * | no | * | | | | | * | | | |
| 11 PCB 14 | 222 | NotFnd | * | * | * | -0.00544 | | | -0.00544 | * | no | 2.288 | - |
| | DICB 224 | 12.06 | * | no | * | | | | | * | | | |
| 12 PCB 11 | 222 | 12.42 | -12153 | 1.56 | -19943.4 | -0.00825 | PCB 11 NDR | | -0.00572 | 95 | xL | 2.176 | - |
| | DICB 224 | 12.43 | -7790.38 | OK | * | | | | | 3 | | | |
| 13 PCB 13/12 | 222 | NotFnd | * | * | * | -0.00629 | | | -0.00629 | * | no | 1.978 | - |
| | DICB 224 | 12.57 | * | no | * | | | | | * | | | |
| 14 PCB 15 | 222 | NotFnd | * | * | * | -0.01194 | | | -0.01194 | * | no | 1.042 | - |
| | DICB 224 | 12.71 | * | no | * | | | | | * | | | |
| 15 PCB 19 | 256 | NotFnd | * | * | * | -0.00193 | | | -0.00193 | * | no | 1.156 | - |
| | TriCB 258 | 11.49 | * | no | * | | | | | * | | | |
| 16 PCB 30/18 | 256 | 12.30 | 2243 | 0.99 | 4514 | 0.004189 | | | -0.00258 | 13 | yes | 0.864 | - |
| | TriCB 258 | 12.30 | 2271 | yes | * | | | | | 15 | | | |
| 17 PCB 17 | 256 | NotFnd | * | * | * | -0.00322 | | | -0.00322 | * | no | 0.691 | - |
| | TriCB 258 | 12.48 | * | no | * | | | | | * | | | |
| 18 PCB 27 | 256 | NotFnd | * | * | * | -0.00221 | | | -0.00221 | * | no | 1.006 | - |
| | TriCB 258 | 12.60 | * | no | * | | | | | * | | | |
| 19 PCB 24 | 256 | NotFnd | * | * | * | -0.00278 | | | -0.00278 | * | no | 0.802 | - |
| | TriCB 258 | 12.65 | * | no | * | | | | | * | | | |
| 20 PCB 16 | 256 | NotFnd | * | * | * | -0.00363 | | | -0.00363 | * | no | 0.614 | - |
| | TriCB 258 | 12.71 | * | no | * | | | | | * | | | |
| 21 PCB 32 | 256 | NotFnd | * | * | * | -0.00202 | | | -0.00202 | * | no | 1.1 | - |
| | TriCB 258 | 12.93 | * | no | * | | | | | * | | | |
| 22 PCB 34 | 256 | NotFnd | * | * | * | -0.00068 | | | -0.00068 | * | no | 2.11 | - |
| | TriCB 258 | 13.52 | * | no | * | | | | | * | | | |
| 23 PCB 23 | 256 | NotFnd | * | * | * | -0.00077 | | | -0.00077 | * | no | 1.864 | - |
| | TriCB 258 | 13.61 | * | no | * | | | | | * | | | |
| 24 PCB 26/29 | 256 | 13.72 | 1919 | 0.94 | 3969 | 0.001494 | | | -0.00067 | 7 | no | 2.13 | - |
| | TriCB 258 | 13.76 | 2051 | yes | * | | | | | 8 | | | |
| 25 PCB 25 | 256 | 13.84 | -1257 | 1.04 | -2465.65 | -0.00094 | PCB 25 NDR | | -0.00068 | 5 | xL | 2.103 | - |
| | TriCB 258 | 13.84 | -1208.65 | OK | * | | | | | 5 | | | |
| 26 PCB 31 | 256 | 13.99 | 8584 | 1.01 | 17071 | 0.006216 | | | -0.00065 | 33 | no | 2.202 | - |
| | TriCB 258 | 14.00 | 8487 | yes | * | | | | | 34 | | | |
| 27 PCB 28/20 | 256 | 14.15 | 15919 | 1.06 | 30901 | 0.012571 | | | -0.00073 | 60 | no | 1.971 | - |
| | TriCB 258 | 14.16 | 14982 | yes | * | | | | | 61 | | | |
| 28 PCB 21/33 | 256 | 14.29 | -3232 | 1.04 | -6339.69 | -0.00252 | PCB 21/33 NDR | | -0.00071 | 12 | xL | 2.008 | - |
| | TriCB 258 | 14.26 | -3107.69 | OK | * | | | | | 13 | | | |
| 29 PCB 22 | 256 | 14.49 | -1422 | 1.04 | -2789.31 | -0.00127 | PCB 22 NDR | | -0.00081 | 4 | xL | 1.758 | - |
| | TriCB 258 | 14.46 | -1367.31 | OK | * | | | | | 6 | | | |
| 30 PCB 36 | 256 | NotFnd | * | * | * | -0.00061 | | | -0.00061 | * | no | 2.334 | - |
| | TriCB 258 | 15.29 | * | no | * | | | | | * | | | |
| 31 PCB 39 | 256 | NotFnd | * | * | * | -0.00074 | | | -0.00074 | * | no | 1.922 | - |
| | TriCB 258 | 15.51 | * | no | * | | | | | * | | | |
| 32 PCB 38 | 256 | NotFnd | * | * | * | -0.00073 | | | -0.00073 | * | no | 1.971 | - |
| | TriCB 258 | 15.86 | * | no | * | | | | | * | | | |
| 33 PCB 35 | 256 | NotFnd | * | * | * | -0.00071 | | | -0.00071 | * | no | 2.017 | - |
| | TriCB 258 | 16.13 | * | no | * | | | | | * | | | |
| 34 PCB 37 | 256 | 16.37 | 2091 | 1.18 | 3856 | 0.002062 | | | -0.00145 | 6 | no | 0.985 | - |
| | TriCB 258 | 16.37 | 1764 | yes | * | | | | | 6 | | | |
| 35 PCB 54 | 290 | NotFnd | * | * | * | -0.0007 | | | -0.0007 | * | no | 1.02 | - |
| | TCB 292 | 12.88 | * | no | * | | | | | * | | | |
| 36 PCB 53/50 | 290 | 13.86 | 1983 | 0.69 | 4838 | 0.005252 | | | -0.00142 | 14 | no | 0.872 | - |
| | TCB 292 | 13.89 | 2855 | yes | * | | | | | 15 | | | |
| 37 PCB 45/51 | 290 | 14.22 | 589 | 1.05 | 1147 | -0.0015 | | | -0.0015 | * | yes | 0.826 | - |
| | TCB 292 | 14.24 | 559 | no | * | | | | | * | | | |
| 38 PCB 46 | 290 | NotFnd | * | * | * | -0.0017 | | | -0.0017 | * | no | 0.727 | - |
| | TCB 292 | 14.39 | * | no | * | | | | | * | | | |
| 39 PCB 52 | 290 | 15.10 | 14956 | 0.8 | 33699 | 0.035237 | | | -0.00137 | 98 | no | 0.905 | - |
| | TCB 292 | 15.10 | 18744 | yes | * | | | | | 91 | | | |
| 40 PCB 73 | 290 | NotFnd | * | * | * | -0.00111 | | | -0.00111 | * | no | 1.116 | - |
| | TCB 292 | 15.18 | * | no | * | | | | | * | | | |
| 41 PCB 43 | 290 | NotFnd | * | * | * | -0.0023 | | | -0.0023 | * | no | 0.537 | - |
| | TCB 292 | 15.25 | * | no | * | | | | | * | | | |
| 42 PCB 69/49 | 290 | 15.37 | 4553 | 0.77 | 10433 | 0.010112 | | | -0.00127 | 29 | no | 0.976 | - |
| | TCB 292 | 15.37 | 5880 | yes | * | | | | | 27 | | | |

| | | | | | | | | | | | | |
|------------------------------|----------|--------|----------|------|----------|----------|----------------------|----------|-----|-----|-------|---|
| 43 PCB 48 | 290 | 15.53 | 1329 | 0.83 | 2938 | 0.003633 | | | | | | |
| | TCB 292 | 15.55 | 1609 | yes | | | | -0.00162 | 8 | no | 0.765 | - |
| 44 PCB 44/47/65 | 290 | 15.68 | 10669 | 0.76 | 24631 | 0.026411 | | | | | | |
| | TCB 292 | 15.70 | 13962 | yes | | | | -0.0014 | 56 | no | 0.883 | - |
| 45 PCB 59/62/75 | 290 | 15.86 | 1222 | 0.77 | 2803 | 0.002401 | | | | | | |
| | TCB 292 | 15.87 | 1581 | yes | | | | -0.00112 | 7 | no | 1.105 | - |
| 46 PCB 42 | 290 | 15.98 | 1271 | 0.75 | 2962 | 0.00391 | | | | | | |
| | TCB 292 | 15.98 | 1691 | yes | | | | -0.00172 | 8 | no | 0.717 | - |
| 47 PCB 40/41/71 | 290 | 16.25 | -2358 | 0.77 | -5420.34 | -0.00639 | PCB 40/41/71 NDR | | | | | |
| | TCB 292 | 16.27 | -3062.34 | OK | | | | -0.00154 | 8 | | | |
| 48 PCB 64 | 290 | 16.39 | 1194 | 0.87 | 2576 | 0.002358 | | | | | | |
| | TCB 292 | 16.41 | 1382 | yes | | | | -0.0012 | 14 | xL | 0.803 | - |
| 49 PCB 72 | 290 | 16.88 | 840 | 0.83 | 1847 | 0.000866 | | | | | | |
| | TCB 292 | 16.88 | 1007 | yes | | | | -0.00065 | 7 | no | 1.034 | - |
| 50 PCB 68 | 290 | 17.06 | -932 | 0.77 | -2142.39 | -0.00107 | PCB 68 NDR | | | | | |
| | TCB 292 | 17.05 | -1210.39 | OK | | | | -0.00069 | 4 | xL | 1.893 | - |
| 51 PCB 57 | 290 | 17.34 | 148 | 0.5 | 444 | -0.00067 | | | | | | |
| | TCB 292 | 17.34 | 296 | no | | | | -0.00067 | 5 | yes | 1.963 | - |
| 52 PCB 58 | 290 | NotFnd | * | * | * | -0.00074 | | | | | | |
| | TCB 292 | 17.49 | * | no | | | | -0.00074 | * | no | 1.762 | - |
| 53 PCB 67 | 290 | 17.61 | 363 | 0.88 | 818 | -0.00062 | | | | | | |
| | TCB 292 | 17.59 | 435 | no | | | | -0.00062 | * | yes | 2.107 | - |
| 54 PCB 63 | 290 | 17.76 | 842 | 0.74 | 1975 | 0.000925 | | | | | | |
| | TCB 292 | 17.76 | 1133 | yes | | | | -0.00065 | 4 | yes | 2.019 | - |
| 55 PCB 61/70/74/76 | 290 | 17.98 | 21260 | 0.74 | 50086 | 0.026096 | | | | | | |
| | TCB 292 | 17.99 | 28826 | yes | | | | -0.00072 | 4 | no | 1.816 | - |
| 56 PCB 66 | 290 | 18.20 | 11814 | 0.8 | 26583 | 0.012413 | | | | | | |
| | TCB 292 | 18.20 | 14769 | yes | | | | -0.00065 | 69 | no | 2.026 | - |
| 57 PCB 55 | 290 | NotFnd | * | * | * | -0.00078 | | | | | | |
| | TCB 292 | 18.33 | * | no | | | | -0.00078 | 50 | no | 1.69 | - |
| 58 PCB 56 | 290 | 18.68 | 1620 | 0.68 | 4002 | 0.00229 | | | | | | |
| | TCB 292 | 18.66 | 2362 | yes | | | | -0.00079 | * | no | 1.654 | - |
| 59 PCB 60 | 290 | 18.84 | -1718.64 | 0.77 | -3950.64 | -0.00226 | PCB 60 NDR | | | | | |
| | TCB 292 | 18.83 | -2232 | OK | | | | -0.0008 | 7 | xL | 1.65 | - |
| 60 PCB 80 | 290 | NotFnd | * | * | * | -0.00061 | | | | | | |
| | TCB 292 | 19.08 | * | no | | | | -0.00061 | 8 | no | 2.158 | - |
| 61 PCB 79 | 290 | NotFnd | * | * | * | -0.00063 | | | | | | |
| | TCB 292 | 20.21 | * | no | | | | -0.00063 | * | no | 2.095 | - |
| 62 PCB 78 | 290 | NotFnd | * | * | * | -0.00071 | | | | | | |
| | TCB 292 | 20.65 | * | no | | | | -0.00071 | * | no | 1.857 | - |
| 63 PCB 81 | 290 | NotFnd | * | * | * | -0.00112 | | | | | | |
| | TCB 292 | 20.97 | * | no | | | | -0.00112 | * | no | 1.167 | - |
| 64 PCB 77 | 290 | 21.43 | 894 | 0.68 | 2205 | 0.001431 | | | | | | |
| | TCB 292 | 21.43 | 1311 | yes | | | | -0.00108 | 3 | yes | 1.216 | - |
| 65 PCB 104 | 326 | NotFnd | * | * | * | -0.00056 | | | | | | |
| | PeCB 328 | 15.65 | * | no | | | | -0.00056 | 4 | no | 1.188 | - |
| 66 PCB 96 | 326 | NotFnd | * | * | * | -0.00098 | | | | | | |
| | PeCB 328 | 15.87 | * | no | | | | -0.00098 | * | no | 0.682 | - |
| 67 PCB 103 | 326 | 17.00 | 1101 | 1.71 | 1745 | 0.002002 | | | | | | |
| | PeCB 328 | 17.01 | 644 | yes | | | | -0.0012 | 6 | no | 0.759 | - |
| 68 PCB 94 | 326 | NotFnd | * | * | * | -0.00165 | | | | | | |
| | PeCB 328 | 17.15 | * | no | | | | -0.00165 | 5 | no | 0.555 | - |
| 69 PCB 95 | 326 | 17.42 | 18060 | 1.46 | 30432 | 0.03858 | | | | | | |
| | PeCB 328 | 17.44 | 12372 | yes | | | | -0.00133 | * | no | 0.687 | - |
| 70 PCB 100/93/102/98 | 326 | 17.66 | -1780.95 | 1.55 | -2929.95 | -0.00409 | CB 100/93/102/98 NDR | | | | | |
| | PeCB 328 | 17.59 | -1149 | OK | | | | -0.00147 | 93 | xL | 0.623 | - |
| 71 PCB 88/91 | 326 | 17.98 | 1410 | 1.7 | 2241 | 0.003108 | | | | | | |
| | PeCB 328 | 17.98 | 831 | OK | | | | -0.00146 | 5 | xL | 0.627 | - |
| 72 PCB 84 | 326 | 18.15 | 2062 | 1.37 | 3564 | 0.00566 | | | | | | |
| | PeCB 328 | 18.15 | 1502 | yes | | | | -0.00167 | 6 | no | 0.548 | - |
| 73 PCB 89 | 326 | NotFnd | * | * | * | -0.00151 | | | | | | |
| | PeCB 328 | 18.48 | * | no | | | | -0.00151 | 7 | no | 0.604 | - |
| 74 PCB 121 | 326 | NotFnd | * | * | * | -0.00113 | | | | | | |
| | PeCB 328 | 18.73 | * | no | | | | -0.00113 | 11 | no | 0.81 | - |
| 75 PCB 92 | 326 | 18.99 | 7364 | 1.49 | 12299 | 0.016755 | | | | | | |
| | PeCB 328 | 18.99 | 4935 | yes | | | | -0.00143 | * | no | 0.639 | - |
| 76 PCB 113/90/101 | 326 | 19.40 | 40476 | 1.57 | 66291 | 0.080567 | | | | | | |
| | PeCB 328 | 19.40 | 25815 | yes | | | | -0.00128 | 33 | no | 0.716 | - |
| 77 PCB 83/99 | 326 | 19.83 | 28836 | 1.53 | 47660 | 0.071442 | | | | | | |
| | PeCB 328 | 19.84 | 18824 | yes | | | | -0.00157 | 183 | no | 0.581 | - |
| 78 PCB 112 | 326 | NotFnd | * | * | * | -0.00106 | | | | | | |
| | PeCB 328 | 19.95 | * | no | | | | -0.00106 | 122 | no | 0.863 | - |
| 79 PCB 109/119/86/97/125/326 | 326 | 20.22 | 12692 | 1.57 | 20782 | 0.02535 | | | | | | |
| | PeCB 328 | 20.23 | 8090 | yes | | | | -0.00128 | 126 | yes | 0.714 | - |
| 80 PCB 117/116/85 | 326 | 20.76 | 6287 | 1.42 | 10703 | 0.011975 | | | | | | |
| | PeCB 328 | 20.81 | 4416 | yes | | | | -0.00117 | 38 | no | 0.778 | - |
| 81 PCB 110/115 | 326 | 20.88 | 21610 | 1.55 | 35584 | 0.044657 | | | | | | |
| | PeCB 328 | 20.92 | 13974 | yes | | | | -0.00132 | 34 | no | 0.694 | - |
| 82 PCB 82 | 326 | 21.15 | -1056 | 1.55 | -1737.29 | -0.00279 | PCB 82 NDR | | | | | |
| | PeCB 328 | 21.17 | -681.29 | OK | | | | -0.00168 | 23 | xL | 0.542 | - |
| 83 PCB 111 | 326 | NotFnd | * | * | * | -0.00118 | | | | | | |
| | PeCB 328 | 21.45 | * | no | | | | -0.00118 | 90 | no | 0.772 | - |
| 84 PCB 120 | 326 | NotFnd | * | * | * | -0.00104 | | | | | | |
| | PeCB 328 | 21.82 | * | no | | | | -0.00104 | 6 | no | 0.877 | - |
| 85 PCB 108/124 | 326 | 22.73 | 1726 | 1.4 | 2955 | 0.001729 | | | | | | |
| | PeCB 328 | 22.73 | 1229 | yes | | | | -0.00088 | * | yes | 1.488 | - |
| 86 PCB 107 | 326 | 22.95 | 5242 | 1.48 | 8778 | 0.004595 | | | | | | |
| | PeCB 328 | 22.94 | 3535 | yes | | | | -0.00079 | 5 | yes | 1.663 | - |
| 87 PCB 123 | 326 | NotFnd | * | * | * | -0.00139 | | | | | | |
| | PeCB 328 | 23.05 | * | no | | | | -0.00139 | 6 | no | 0.947 | - |
| 88 PCB 106 | 326 | NotFnd | * | * | * | -0.0009 | | | | | | |
| | PeCB 328 | 23.17 | * | no | | | | -0.0009 | 15 | no | 1.465 | - |
| 89 PCB 118 | 326 | 23.32 | 43819 | 1.46 | 73873 | 0.055688 | | | | | | |
| | PeCB 328 | 23.35 | 30054 | yes | | | | -0.00126 | 15 | no | 1.042 | - |

| | | | | | | | | | | | | | |
|---------------------|----------|--------|----------|------|----------|----------|-----|-----|-------|---|--|--|--|
| 90 PCB 122 | 326 | NotFnd | * | * | * | -0.00093 | | | | | | | |
| | PeCB 328 | 23.83 | * | no | * | -0.00093 | * | no | 1.418 | - | | | |
| 91 PCB 114 | 326 | NotFnd | * | * | * | -0.00122 | * | no | 1.076 | - | | | |
| | PeCB 328 | 23.80 | * | no | * | -0.00122 | * | no | 1.076 | - | | | |
| 92 PCB 105 | 326 | 24.36 | 11707 | 1.46 | 19736 | 0.015184 | | | | | | | |
| | PeCB 328 | 24.37 | 8029 | yes | * | -0.00126 | 30 | no | 1.04 | - | | | |
| 93 PCB 127 | 326 | NotFnd | * | * | * | -0.00083 | 32 | no | 1.583 | - | | | |
| | PeCB 328 | 25.66 | * | no | * | -0.00083 | * | no | 1.583 | - | | | |
| 94 PCB 126 | 326 | NotFnd | * | * | * | -0.00127 | * | no | 1.037 | - | | | |
| | PeCB 328 | 27.18 | * | no | * | -0.00127 | * | no | 1.037 | - | | | |
| 95 PCB 155 | 360 | NotFnd | * | * | * | -0.00097 | * | no | 1.079 | - | | | |
| | HxCB 362 | 19.25 | * | no | * | -0.00097 | * | no | 1.079 | - | | | |
| 96 PCB 152 | 360 | NotFnd | * | * | * | -0.00152 | * | no | 0.686 | - | | | |
| | HxCB 362 | 19.40 | * | no | * | -0.00152 | * | no | 0.686 | - | | | |
| 97 PCB 150 | 360 | NotFnd | * | * | * | -0.00173 | * | no | 0.606 | - | | | |
| | HxCB 362 | 19.52 | * | no | * | -0.00173 | * | no | 0.606 | - | | | |
| 98 PCB 136 | 360 | 19.77 | 2478 | 1.33 | 4347 | 0.007517 | | | | | | | |
| | HxCB 362 | 19.79 | 1870 | yes | * | -0.00159 | 15 | no | 0.669 | - | | | |
| 99 PCB 145 | 360 | NotFnd | * | * | * | -0.00183 | 14 | no | 0.57 | - | | | |
| | HxCB 362 | 20.02 | * | no | * | -0.00183 | * | no | 0.57 | - | | | |
| 100 PCB 148 | 360 | NotFnd | * | * | * | -0.00213 | * | no | 0.491 | - | | | |
| | HxCB 362 | 21.11 | * | no | * | -0.00213 | * | no | 0.491 | - | | | |
| 101 PCB 151/135 | 360 | 21.61 | 8262 | 1.23 | 14981 | 0.038608 | | | | | | | |
| | HxCB 362 | 21.61 | 6719 | yes | * | -0.00237 | 38 | no | 0.442 | - | | | |
| 102 PCB 154 | 360 | 21.80 | 1300 | 1.14 | 2436 | 0.005262 | 40 | no | 0.528 | - | | | |
| | HxCB 362 | 21.81 | 1136 | yes | * | -0.00198 | 7 | no | 0.528 | - | | | |
| 103 PCB 144 | 360 | 22.06 | 630 | 1.23 | 1142 | 0.002778 | 8 | yes | 0.469 | - | | | |
| | HxCB 362 | 22.03 | 513 | yes | * | -0.00223 | 4 | yes | 0.469 | - | | | |
| 104 PCB 147/149 | 360 | 22.35 | 28102 | 1.32 | 49405 | 0.084727 | 4 | yes | 0.665 | - | | | |
| | HxCB 362 | 22.34 | 21303 | yes | * | -0.00355 | 82 | yes | 0.665 | - | | | |
| 105 PCB 134/143 | 360 | NotFnd | * | * | * | -0.00398 | 80 | no | 0.593 | - | | | |
| | HxCB 362 | 22.59 | * | no | * | -0.00398 | * | no | 0.593 | - | | | |
| 106 PCB 139/140 | 360 | NotFnd | * | * | * | -0.00354 | * | no | 0.666 | - | | | |
| | HxCB 362 | 22.86 | * | no | * | -0.00354 | * | no | 0.666 | - | | | |
| 107 PCB 131 | 360 | NotFnd | * | * | * | -0.00437 | * | no | 0.54 | - | | | |
| | HxCB 362 | 23.03 | * | no | * | -0.00437 | * | no | 0.54 | - | | | |
| 108 PCB 142 | 360 | NotFnd | * | * | * | -0.00391 | * | no | 0.803 | - | | | |
| | HxCB 362 | 23.17 | * | no | * | -0.00391 | * | no | 0.803 | - | | | |
| 109 PCB 132 | 360 | 23.41 | 2303 | 1.07 | 4463 | 0.009627 | | | | | | | |
| | HxCB 362 | 23.42 | 2161 | yes | * | -0.00447 | 6 | no | 0.528 | - | | | |
| 110 PCB 133 | 360 | 23.83 | 1147 | 1.49 | 1917 | -0.00375 | 8 | no | 0.629 | - | | | |
| | HxCB 362 | 23.82 | 770 | no | * | -0.00375 | * | no | 0.629 | - | | | |
| 111 PCB 165 | 360 | NotFnd | * | * | * | -0.00321 | * | no | 0.735 | - | | | |
| | HxCB 362 | 24.15 | * | no | * | -0.00321 | * | no | 0.735 | - | | | |
| 112 PCB 146 | 360 | 24.41 | 10338 | 1.21 | 18902 | 0.030117 | | | | | | | |
| | HxCB 362 | 24.39 | 8564 | yes | * | -0.0033 | 30 | no | 0.715 | - | | | |
| 113 PCB 161 | 360 | NotFnd | * | * | * | -0.00273 | 30 | no | 0.884 | - | | | |
| | HxCB 362 | 24.50 | * | no | * | -0.00273 | * | no | 0.884 | - | | | |
| 114 PCB 153/168 | 360 | 24.95 | 64963 | 1.29 | 115491 | 0.168095 | | | | | | | |
| | HxCB 362 | 24.97 | 50529 | yes | * | -0.00301 | 179 | no | 0.783 | - | | | |
| 115 PCB 141 | 360 | NotFnd | * | * | * | -0.00364 | 174 | no | 0.648 | - | | | |
| | HxCB 362 | 25.11 | * | no | * | -0.00364 | * | no | 0.648 | - | | | |
| 116 PCB 130 | 360 | 25.51 | 1971 | 1.39 | 3390 | 0.006652 | | | | | | | |
| | HxCB 362 | 25.49 | 1419 | yes | * | -0.00406 | 5 | no | 0.581 | - | | | |
| 117 PCB 137 | 360 | NotFnd | * | * | * | -0.00409 | 5 | no | 0.577 | - | | | |
| | HxCB 362 | 25.69 | * | no | * | -0.00409 | * | no | 0.577 | - | | | |
| 118 PCB 164 | 360 | NotFnd | * | * | * | -0.00296 | * | no | 0.796 | - | | | |
| | HxCB 362 | 25.81 | * | no | * | -0.00296 | * | no | 0.796 | - | | | |
| 119 PCB 138/163/129 | 360 | 26.09 | 38823 | 1.36 | 67349 | 0.11682 | | | | | | | |
| | HxCB 362 | 26.09 | 28526 | yes | * | -0.00359 | 101 | no | 0.657 | - | | | |
| 120 PCB 160 | 360 | NotFnd | * | * | * | -0.0034 | 91 | no | 0.695 | - | | | |
| | HxCB 362 | 26.27 | * | no | * | -0.0034 | * | no | 0.695 | - | | | |
| 121 PCB 158 | 360 | 26.46 | 2714 | 1.33 | 4754 | 0.006211 | | | | | | | |
| | HxCB 362 | 26.44 | 2040 | yes | * | -0.00271 | 7 | no | 0.872 | - | | | |
| 122 PCB 128/166 | 360 | 27.29 | 4616 | 1.3 | 8152 | 0.013281 | 6 | no | 0.7 | - | | | |
| | HxCB 362 | 27.25 | 3536 | yes | * | -0.00337 | 10 | no | 0.7 | - | | | |
| 123 PCB 159 | 360 | NotFnd | * | * | * | -0.00109 | 11 | no | 1.501 | - | | | |
| | HxCB 362 | 28.24 | * | no | * | -0.00109 | * | no | 1.501 | - | | | |
| 124 PCB 162 | 360 | NotFnd | * | * | * | -0.00122 | * | no | 1.338 | - | | | |
| | HxCB 362 | 28.50 | * | no | * | -0.00122 | * | no | 1.338 | - | | | |
| 125 PCB 167 | 360 | 28.98 | -1858.76 | 1.24 | -3357.76 | -0.00302 | 8 | XL | 0.951 | - | | | |
| | HxCB 362 | 28.99 | -1499 | OK | * | -0.00172 | 6 | XL | 0.951 | - | | | |
| 126 PCB 156/157 | 360 | 30.12 | -2250.6 | 1.24 | -4065.6 | -0.00388 | 7 | XL | 1.036 | - | | | |
| | HxCB 362 | 30.15 | -1815 | OK | * | -0.00158 | 7 | XL | 1.036 | - | | | |
| 127 PCB 169 | 360 | NotFnd | * | * | * | -0.00168 | 7 | no | 0.973 | - | | | |
| | HxCB 362 | 33.51 | * | no | * | -0.00168 | * | no | 0.973 | - | | | |
| 128 PCB 188 | 394 | NotFnd | * | * | * | -0.00069 | * | no | 1.053 | - | | | |
| | HpCB 396 | 23.77 | * | no | * | -0.00069 | * | no | 1.053 | - | | | |
| 129 PCB 179 | 394 | 24.07 | 2452 | 1.05 | 4776 | 0.007991 | | | | | | | |
| | HpCB 396 | 24.05 | 2324 | yes | * | -0.00074 | 26 | no | 0.98 | - | | | |
| 130 PCB 184 | 394 | NotFnd | * | * | * | -0.00081 | 24 | no | 0.904 | - | | | |
| | HpCB 396 | 24.55 | * | no | * | -0.00081 | * | no | 0.904 | - | | | |
| 131 PCB 176 | 394 | 24.85 | 470 | 1.04 | 922 | 0.001609 | | | | | | | |
| | HpCB 396 | 24.86 | 452 | yes | * | -0.00078 | 5 | yes | 0.939 | - | | | |
| 132 PCB 186 | 394 | NotFnd | * | * | * | -0.00089 | 5 | no | 0.822 | - | | | |
| | HpCB 396 | 25.26 | * | no | * | -0.00089 | * | no | 0.822 | - | | | |
| 133 PCB 178 | 394 | 26.51 | 1527 | 1.14 | 2861 | 0.007079 | | | | | | | |
| | HpCB 396 | 26.52 | 1334 | yes | * | -0.0011 | 14 | no | 0.663 | - | | | |
| 134 PCB 175 | 394 | NotFnd | * | * | * | -0.00105 | 13 | no | 0.695 | - | | | |
| | HpCB 396 | 27.12 | * | no | * | -0.00105 | * | no | 0.695 | - | | | |
| 135 PCB 187 | 394 | 27.38 | 9000 | 1.06 | 17498 | 0.044332 | | | | | | | |
| | HpCB 396 | 27.38 | 8498 | yes | * | -0.00113 | 84 | no | 0.647 | - | | | |
| 136 PCB 182 | 394 | NotFnd | * | * | * | -0.00108 | 81 | no | 0.673 | - | | | |
| | HpCB 396 | 27.69 | * | no | * | -0.00108 | * | no | 0.673 | - | | | |

| | | | | | | | | | | | | | |
|-------------------|----------|--------|----------|------|----------|----------|----------|------|-----|-------|-----|--|--|
| 137 PCB 183 | 394 | 27.98 | 3889 | 0.98 | 7847 | 0.011301 | | | | | | | |
| | HpCB 396 | 27.95 | 3958 | yes | | | -0.00166 | 19 | yes | 1.138 | - | | |
| 138 PCB 185 | 394 | NotFnd | * | * | * | | | 20 | | | | | |
| | HpCB 396 | 28.04 | * | no | | -0.00254 | -0.00254 | * | no | 0.743 | - | | |
| 139 PCB 174 | 394 | NotFnd | * | * | * | | | * | | | | | |
| | HpCB 396 | 28.17 | * | no | | -0.00218 | -0.00218 | * | no | 0.867 | - | | |
| 140 PCB 177 | 394 | 28.82 | 2277 | 1.05 | 4441 | 0.00833 | | * | | | | | |
| | HpCB 396 | 28.64 | 2164 | yes | | | -0.00216 | 12 | no | 0.874 | - | | |
| 141 PCB 181 | 394 | NotFnd | * | * | * | | | 11 | | | | | |
| | HpCB 396 | 29.02 | * | no | | -0.00222 | -0.00222 | * | no | 0.85 | - | | |
| 142 PCB 171/173 | 394 | 29.25 | -1130.85 | 1.05 | -2207.85 | -0.00413 | | * | | | | | |
| | HpCB 396 | 29.24 | -1077 | OK | | | -0.00216 | 7 | xL | 0.875 | - | | |
| 143 PCB 172 | 394 | NotFnd | * | * | * | | | 6 | | | | | |
| | HpCB 396 | 30.88 | * | no | | -0.00218 | -0.00218 | * | no | 0.866 | - | | |
| 144 PCB 192 | 394 | NotFnd | * | * | * | | | * | | | | | |
| | HpCB 396 | 31.20 | * | no | | -0.00193 | -0.00193 | * | no | 0.979 | - | | |
| 145 PCB 193/180 | 394 | 31.56 | 3942 | 1.05 | 7687 | 0.012374 | | * | | | | | |
| | HpCB 396 | 31.54 | 3744 | yes | | | -0.00142 | 18 | no | 1.333 | - | | |
| 146 PCB 191 | 394 | NotFnd | * | * | * | | | 18 | | | | | |
| | HpCB 396 | 31.92 | * | no | | -0.00164 | -0.00164 | * | no | 1.152 | - | | |
| 147 PCB 170 | 394 | NotFnd | * | * | * | | | * | | | | | |
| | HpCB 396 | 32.88 | * | no | | -0.00157 | -0.00157 | * | no | 1.206 | - | | |
| 148 PCB 190 | 394 | NotFnd | * | * | * | | | * | | | | | |
| | HpCB 396 | 33.44 | * | no | | -0.00173 | -0.00173 | * | no | 1.089 | - | | |
| 149 PCB 189 | 394 | NotFnd | * | * | * | | | * | | | | | |
| | HpCB 396 | 36.26 | * | no | | -0.0011 | -0.0011 | * | no | 0.91 | - | | |
| 150 PCB 202 | 428 | 28.76 | 757 | 1.01 | 1508 | 0.002608 | | * | | | | | |
| | OcCB 430 | 26.75 | 751 | yes | | | -0.00073 | 12 | yes | 1.08 | - | | |
| 151 PCB 201 | 428 | NotFnd | * | * | * | | | 9 | | | | | |
| | OcCB 430 | 29.67 | * | no | | -0.00072 | -0.00072 | * | no | 1.088 | - | | |
| 152 PCB 204 | 428 | NotFnd | * | * | * | | | * | | | | | |
| | OcCB 430 | 30.36 | * | no | | -0.00073 | -0.00073 | * | no | 1.08 | - | | |
| 153 PCB 197 | 428 | NotFnd | * | * | * | | | * | | | | | |
| | OcCB 430 | 30.59 | * | no | | -0.00089 | -0.00089 | * | no | 0.88 | - | | |
| 154 PCB 200 | 428 | NotFnd | * | * | * | | | * | | | | | |
| | OcCB 430 | 30.71 | * | no | | -0.00069 | -0.00069 | * | no | 1.141 | - | | |
| 155 PCB 198/199 | 428 | NotFnd | * | * | * | | | * | | | | | |
| | OcCB 430 | 33.61 | * | no | | -0.00113 | -0.00113 | * | no | 0.691 | - | | |
| 156 PCB 196 | 428 | NotFnd | * | * | * | | | * | | | | | |
| | OcCB 430 | 34.35 | * | no | | -0.00106 | -0.00106 | * | no | 0.736 | - | | |
| 157 PCB 203 | 428 | NotFnd | * | * | * | | | * | | | | | |
| | OcCB 430 | 34.54 | * | no | | -0.0011 | -0.0011 | * | no | 0.712 | - | | |
| 158 PCB 195 | 428 | NotFnd | * | * | * | | | * | | | | | |
| | OcCB 430 | 35.99 | * | no | | -0.00157 | -0.00157 | * | no | 1.012 | - | | |
| 159 PCB 194 | 428 | NotFnd | * | * | * | | | * | | | | | |
| | OcCB 430 | 38.61 | * | no | | -0.0015 | -0.0015 | * | no | 1.061 | - | | |
| 160 PCB 205 | 428 | NotFnd | * | * | * | | | * | | | | | |
| | OcCB 430 | 39.16 | * | no | | -0.00148 | -0.00148 | * | no | 1.071 | - | | |
| 161 PCB 208 | 462 | NotFnd | * | * | * | | | * | | | | | |
| | NoCB 464 | 35.75 | * | no | | -0.00125 | -0.00125 | * | no | 1.082 | - | | |
| 162 PCB 207 | 462 | NotFnd | * | * | * | | | * | | | | | |
| | NoCB 464 | 36.79 | * | no | | -0.00102 | -0.00102 | * | no | 1.324 | - | | |
| 163 PCB 206 | 462 | NotFnd | * | * | * | | | * | | | | | |
| | NoCB 464 | 41.10 | * | no | | -0.00126 | -0.00126 | * | no | 1.077 | - | | |
| 164 PCB 209 | 498 | NotFnd | * | * | * | | | * | | | | | |
| | DCB 500 | 42.98 | * | no | | -0.0024 | -0.0024 | * | no | 1.024 | - | | |
| 165 PCB 1L | 200 | 8.82 | 161025 | 3.43 | 207911 | 0.121066 | | * | | | | | |
| | 202 | 8.82 | 46886 | yes | | | 0 | 3834 | no | 0.821 | 62 | | |
| 166 PCB 3L | 200 | 10.01 | 164169 | 3.32 | 213642 | 0.123428 | | 315 | | | | | |
| | 202 | 9.99 | 49473 | yes | | | 0 | 4208 | no | 0.828 | 63 | | |
| 167 PCB 4L | 234 | 10.13 | 50480 | 1.59 | 82143 | 0.139512 | | 351 | | | | | |
| | 236 | 10.09 | 31663 | yes | | | 0.001 | 418 | no | 0.282 | 71 | | |
| 168 PCB 15L | 234 | 12.71 | 221033 | 1.65 | 354562 | 0.159385 | | 715 | | | | | |
| | 236 | 12.70 | 133529 | yes | | | 0.001 | 475 | no | 1.064 | 81 | | |
| 169 PCB 19L | 268 | 11.49 | 57937 | 0.99 | 116738 | 0.161716 | | 1245 | | | | | |
| | 270 | 11.47 | 58800 | yes | | | 0.009 | 94 | no | 0.345 | 83 | | |
| 170 PCB 37L | 268 | 16.36 | 192636 | 1.08 | 371226 | 0.17765 | | 38 | | | | | |
| | 270 | 16.36 | 178590 | yes | | | 0.003 | 213 | no | 2.614 | 91 | | |
| 171 PCB 54L | 302 | 12.85 | 51797 | 0.79 | 117078 | 0.193197 | | 128 | | | | | |
| | 304 | 12.85 | 65281 | yes | | | 0.001 | 346 | no | 0.758 | 99 | | |
| 172 PCB 81L | 302 | 20.97 | 113788 | 0.8 | 255265 | 0.170205 | | 1105 | | | | | |
| | 304 | 20.98 | 141477 | yes | | | 0.001 | 459 | no | 1.876 | 87 | | |
| 173 PCB 77L | 302 | 21.41 | 111598 | 0.82 | 247789 | 0.172308 | | 1101 | | | | | |
| | 304 | 21.43 | 136191 | yes | | | 0.001 | 450 | no | 1.799 | 88 | | |
| 174 PCB 104L | 338 | 15.63 | 70898 | 1.49 | 118458 | 0.194649 | | 1033 | | | | | |
| | 340 | 15.62 | 47561 | yes | | | 0 | 4382 | no | 0.967 | 100 | | |
| 175 PCB 123L | 338 | 23.03 | 171666 | 1.72 | 271357 | 0.187966 | | 2488 | | | | | |
| | 340 | 23.03 | 99691 | yes | | | 0 | 3158 | no | 2.293 | 96 | | |
| 176 PCB 118L | 338 | 23.30 | 155217 | 1.65 | 249010 | 0.179538 | | 1667 | | | | | |
| | 340 | 23.30 | 93793 | yes | | | 0 | 2933 | no | 2.203 | 92 | | |
| 177 PCB 114L | 338 | 23.78 | 153187 | 1.75 | 240493 | 0.18642 | | 1656 | | | | | |
| | 340 | 23.78 | 87306 | yes | | | 0 | 2806 | no | 2.049 | 95 | | |
| 178 PCB 105L | 338 | 24.32 | 152698 | 1.66 | 244399 | 0.183651 | | 1602 | | | | | |
| | 340 | 24.34 | 91701 | yes | | | 0 | 2745 | no | 2.114 | 94 | | |
| 179 PCB 126L | 338 | 27.16 | 125641 | 1.67 | 200987 | 0.153721 | | 1620 | | | | | |
| | 340 | 27.15 | 75347 | yes | | | 0 | 2115 | no | 2.077 | 79 | | |
| 180 PCB 155L | 372 | 19.23 | 76070 | 1.26 | 136530 | 0.225611 | | 1216 | | | | | |
| | 374 | 19.24 | 60460 | yes | | | 0.001 | 761 | no | 1.056 | 115 | | |
| 181 PCB 167L | 372 | 28.96 | 130747 | 1.33 | 229120 | 0.176295 | | 2625 | | | | | |
| | 374 | 28.99 | 98373 | yes | | | 0 | 1878 | no | 2.269 | 90 | | |
| 182 PCB 166L/157L | 372 | 30.12 | 225862 | 1.34 | 394223 | 0.331683 | | 1696 | | | | | |
| | 374 | 30.14 | 165361 | yes | | | 0 | 2522 | no | 2.075 | 85 | | |
| 183 PCB 169L | 372 | 33.48 | 71416 | 1.37 | 123695 | 0.100778 | | 2304 | | | | | |
| | 374 | 33.47 | 52279 | yes | | | 0 | 938 | no | 2.142 | 52 | | |
| | | | | | | | | 825 | | | | | |

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|-----------------------|-----|--------|---------|------|---------|----------|-------|----------|-----|-------|-----|--|--|--|--|--|--|--|--|
| 184 PCB 188L | 406 | 23.75 | 66073 | 1.02 | 130620 | 0.206634 | | | | | | | | | | | | | |
| | 408 | 23.75 | 64548 | yes | | | 0 | 2244 | no | 1.103 | 106 | | | | | | | | |
| 185 PCB 180L | 406 | 31.54 | 47445 | 1.09 | 91145 | 0.233547 | | 1553 | | | | | | | | | | | |
| | 408 | 31.66 | 43699 | yes | | | 0.001 | 1010 | yes | 1.219 | 119 | | | | | | | | |
| 186 PCB 170L | 406 | 32.85 | 39874 | 1.05 | 77709 | 0.222171 | | 1131 | | | | | | | | | | | |
| | 408 | 32.87 | 37834 | yes | | | 0.001 | 833 | no | 1.093 | 114 | | | | | | | | |
| 187 PCB 189L | 406 | 36.23 | 92887 | 1.09 | 177764 | 0.229216 | | 942 | | | | | | | | | | | |
| | 408 | 36.23 | 84877 | yes | | | 0.001 | 723 | no | 2.422 | 117 | | | | | | | | |
| 188 PCB 202L | 440 | 28.72 | 52111 | 0.99 | 104737 | 0.274868 | | 1236 | | | | | | | | | | | |
| | 442 | 28.71 | 52626 | yes | | | 0.001 | 1073 | no | 1.19 | 141 | | | | | | | | |
| 189 PCB 205L | 440 | 39.12 | 42902 | 0.96 | 87380 | 0.18472 | | 1634 | | | | | | | | | | | |
| | 442 | 39.12 | 44477 | yes | | | 0.001 | 938 | no | 1.478 | 94 | | | | | | | | |
| 190 PCB 208L | 474 | 35.72 | 32063 | 0.74 | 75212 | 0.202677 | | 601 | | | | | | | | | | | |
| | 476 | 35.73 | 43149 | yes | | | 0.001 | 847 | no | 1.159 | 104 | | | | | | | | |
| 191 PCB 206L | 474 | 41.10 | 19279 | 0.78 | 44100 | 0.169203 | | 455 | | | | | | | | | | | |
| | 476 | 41.09 | 24821 | yes | | | 0.002 | 490 | yes | 0.814 | 87 | | | | | | | | |
| 192 PCB 209L | 510 | 42.94 | 22827 | 1.18 | 42238 | 0.174813 | | 255 | | | | | | | | | | | |
| | 512 | 42.94 | 19411 | yes | | | 0 | 1766 | no | 0.755 | 89 | | | | | | | | |
| 193 PCB 28L | 268 | 14.15 | 246598 | 1.1 | 470126 | 0.211525 | | 6681 | | | | | | | | | | | |
| PCB Cleanup Standard | 270 | 14.15 | 223528 | yes | | | 0.003 | 282 | no | 2.78 | 97 | | | | | | | | |
| 194 PCB 111L | 338 | 21.41 | 110608 | 1.69 | 175943 | 0.209784 | | 168 | | | | | | | | | | | |
| PCB Cleanup Standard | 340 | 21.42 | 65335 | yes | | | 0 | 3142 | no | 1.332 | 97 | | | | | | | | |
| 195 PCB 178L | 406 | 26.50 | 44692 | 1.06 | 86873 | 0.233114 | | 2110 | | | | | | | | | | | |
| PCB Cleanup Standard | 408 | 26.49 | 42181 | yes | | | 0.001 | 1399 | no | 0.65 | 107 | | | | | | | | |
| 196 PCB 31L | 268 | NotFnd | * | * | * | | | 934 | | | | | | | | | | | |
| PCB Audit Standard | 270 | 13.99 | * | no | | | 0.003 | | no | 2.775 | | | | | | | | | |
| 197 PCB 95L | 338 | NotFnd | * | * | * | | | | | | | | | | | | | | |
| PCB Audit Standard | 340 | 17.41 | * | no | | | 0 | | no | 0.967 | | | | | | | | | |
| 198 PCB 153L | 372 | 24.93 | 1934 | 1.02 | 3630 | 0.005614 | | | | | | | | | | | | | |
| PCB Audit Standard | 374 | 24.92 | 1896 | no | | | 0 | 42 | no | 1.191 | 3 | | | | | | | | |
| 199 PCB 9L | 234 | 11.01 | 1422435 | 1.67 | 2272082 | 8.588428 | | 32 | | | | | | | | | | | |
| PCB Recovery Standard | 236 | 11.03 | 849647 | yes | | | - | 3124 | no | - | - | | | | | | | | |
| 200 PCB 52L | 302 | 15.08 | 386001 | 0.8 | 868758 | 8.633606 | | 8177 | | | | | | | | | | | |
| PCB Recovery Standard | 304 | 15.08 | 482757 | yes | | | - | 4287 | no | - | - | | | | | | | | |
| 201 PCB 101L | 338 | 19.38 | 422104 | 1.61 | 684128 | 8.150921 | | 6215 | | | | | | | | | | | |
| PCB Recovery Standard | 340 | 19.40 | 262024 | yes | | | - | 12924 | no | - | - | | | | | | | | |
| 202 PCB 138L | 372 | 26.07 | 350734 | 1.29 | 622498 | 7.308966 | | 9262 | | | | | | | | | | | |
| PCB Recovery Standard | 374 | 26.09 | 271765 | yes | | | - | 7234 | no | - | - | | | | | | | | |
| 203 PCB 194L | 440 | 38.58 | 166617 | 0.92 | 347860 | 4.659454 | | 5246 | | | | | | | | | | | |
| PCB Recovery Standard | 442 | 38.61 | 181243 | yes | | | - | 3625 | no | - | - | | | | | | | | |
| | | | | | | | | 2455 | | | | | | | | | | | |
| Chlorobiphenyls | | | | | | -0.00108 | 0 | -0.00108 | | | | | | | | | | | |
| Dichlorobiphenyls | | | | | | -0.02112 | 0 | -0.02112 | | | | | | | | | | | |
| Trichlorobiphenyls | | | | | | 0.026532 | 5 | -0.00363 | | | | | | | | | | | |
| Tetrachlorobiphenyls | | | | | | 0.133335 | 14 | -0.0023 | | | | | | | | | | | |
| Pentachlorobiphenyls | | | | | | 0.377292 | 14 | -0.00168 | | | | | | | | | | | |
| Hexachlorobiphenyls | | | | | | 0.489895 | 12 | -0.00447 | | | | | | | | | | | |
| Heptachlorobiphenyls | | | | | | 0.093016 | 7 | -0.00254 | | | | | | | | | | | |
| Octachlorobiphenyls | | | | | | 0.002608 | 1 | -0.00157 | | | | | | | | | | | |
| Nonachlorobiphenyls | | | | | | -0.00126 | 0 | -0.00126 | | | | | | | | | | | |
| Decachlorobiphenyl | | | | | | -0.0024 | 0 | -0.0024 | | | | | | | | | | | |
| PCB (total) | | | | | | 1.122478 | | | | | | | | | | | | | |

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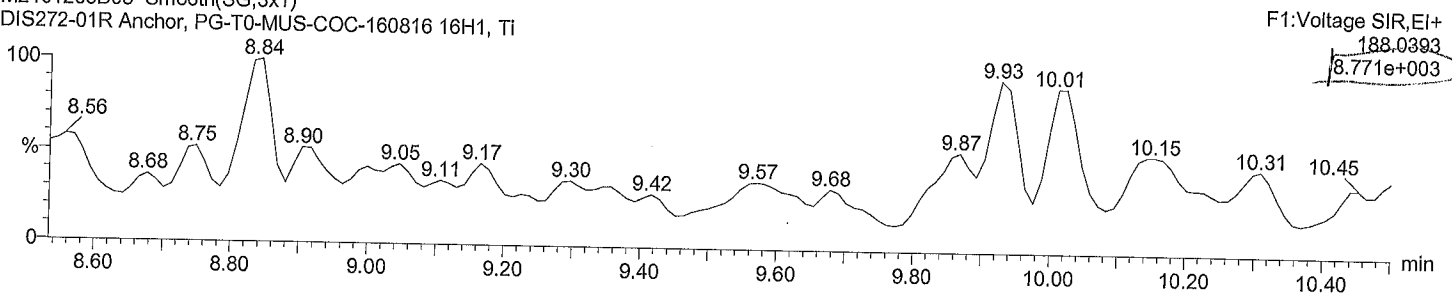
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Printed: Wednesday, December 07, 2016 11:31:14 AM

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Calibration: C:\MassLynx\Default.pro\Curvedb\m2161205B_209.cdb 06 Dec 2016 10:53:58

Description: DIS272-01R
Vial: 8
Date: 06-Dec-2016
Time: 01:30:02
Instrument:

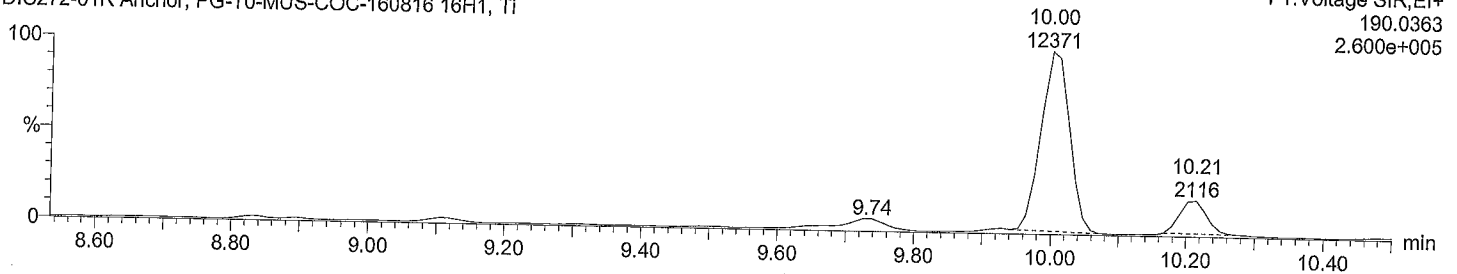
Total MoCB F1

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI



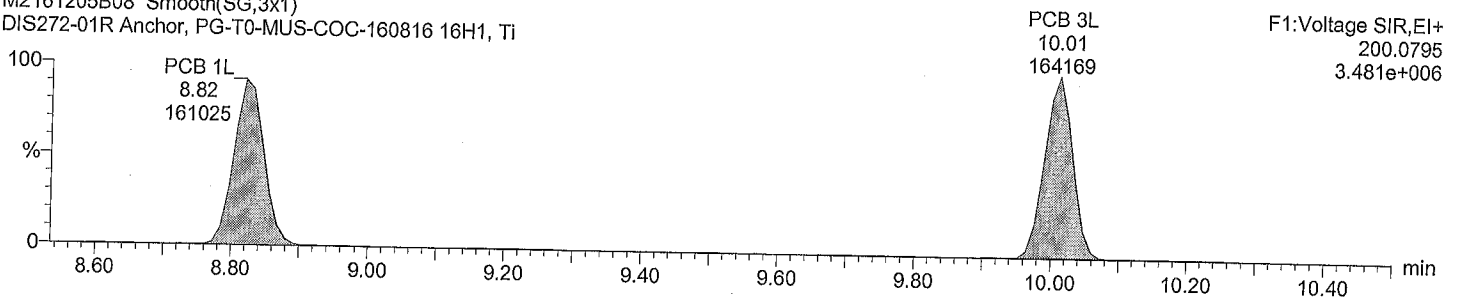
Total MoCB F1

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI



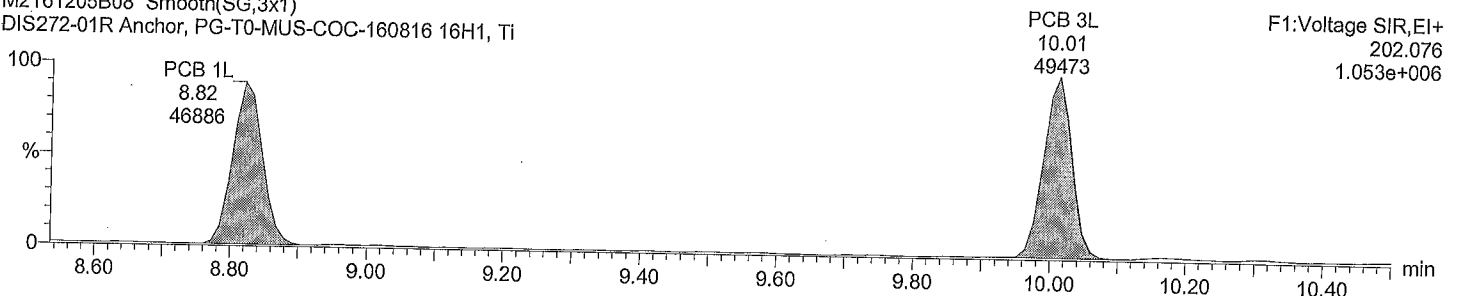
Total MoCB labeled F1

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI



Total MoCB labeled F1

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 11:30:05 AM

Printed: Wednesday, December 07, 2016 11:31:14 AM

Description: DIS272-01R

Vial: 8

Date: 06-Dec-2016

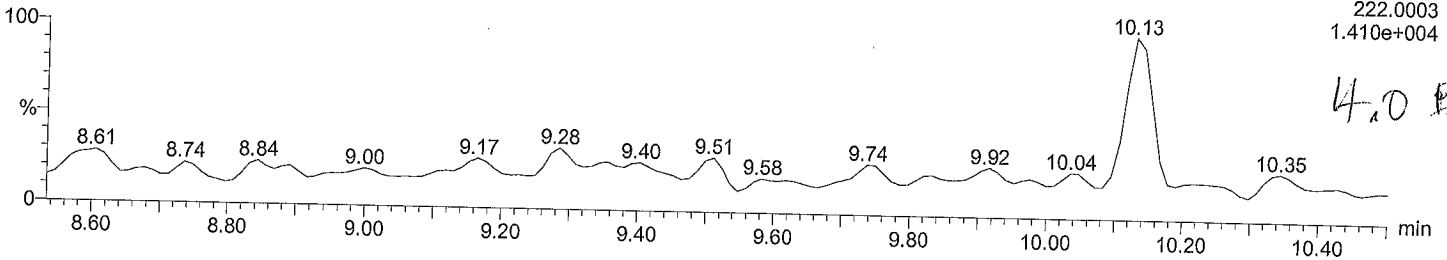
Time: 01:30:02

Instrument:

Total DiCB F1

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti

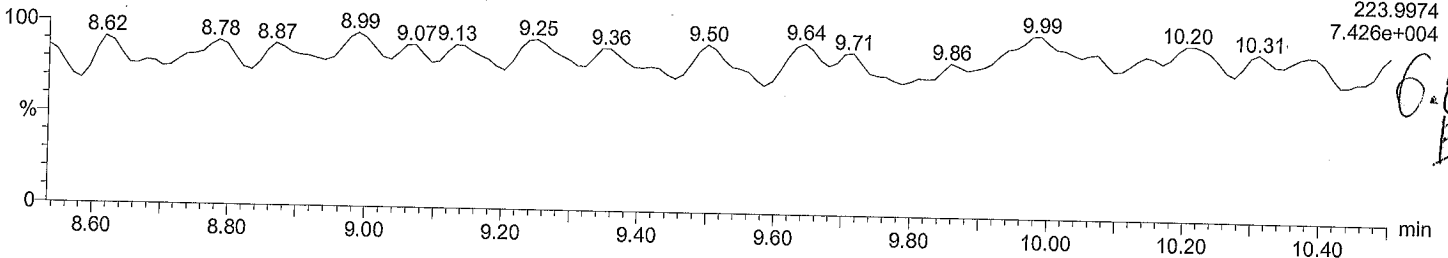
F1:Voltage SIR,EI+
222.0003
1.410e+004



Total DiCB F1

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti

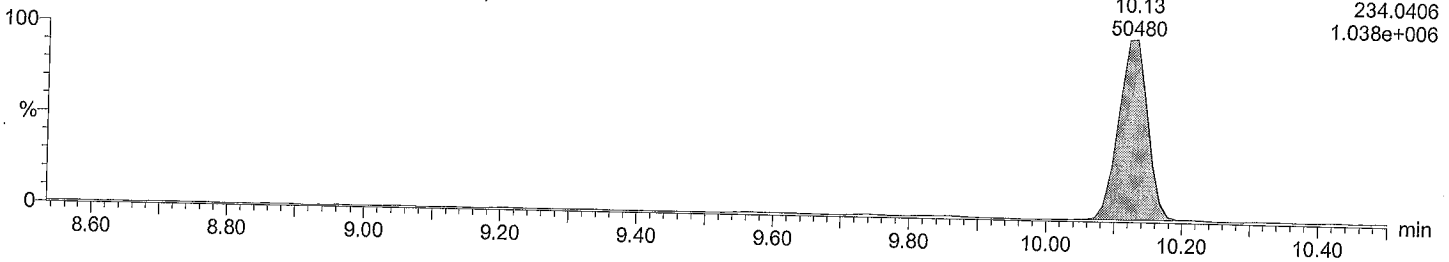
F1:Voltage SIR,EI+
223.9974
7.426e+004



Total DiCB labeled F1

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti

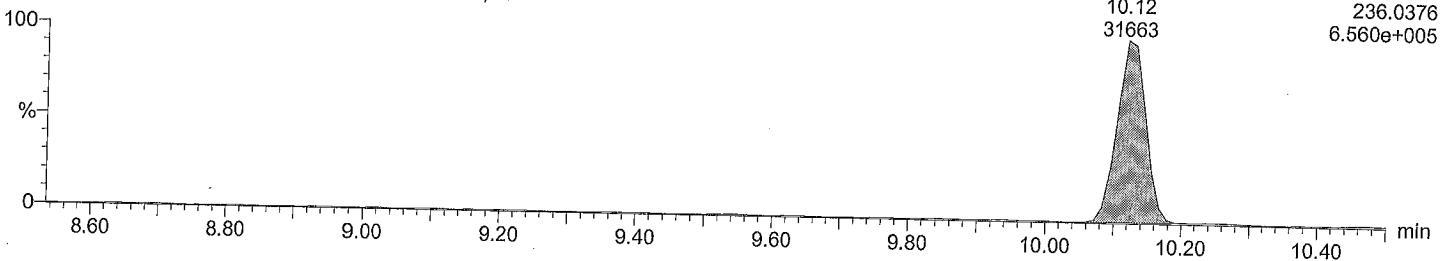
PCB 4L
10.13
50480
F1:Voltage SIR,EI+
234.0406
1.038e+006



Total DiCB labeled F1

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti

PCB 4L
10.12
31663
F1:Voltage SIR,EI+
236.0376
6.560e+005



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

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Printed: Wednesday, December 07, 2016 11:31:14 AM

Description: DIS272-01R

Vial: 8

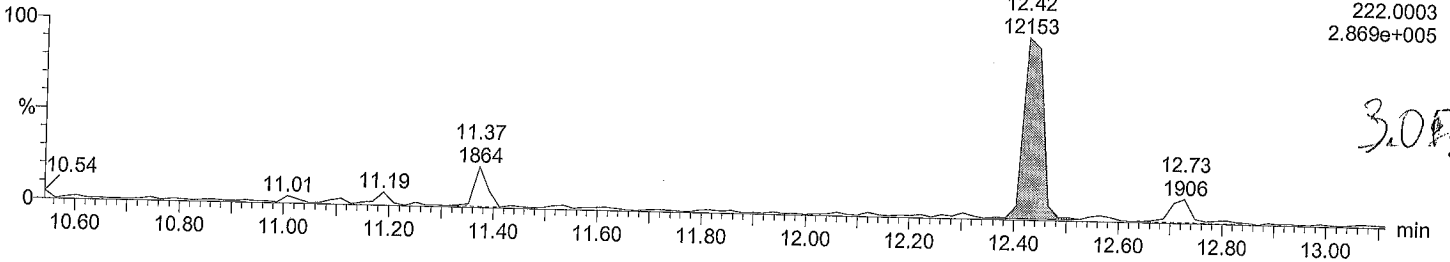
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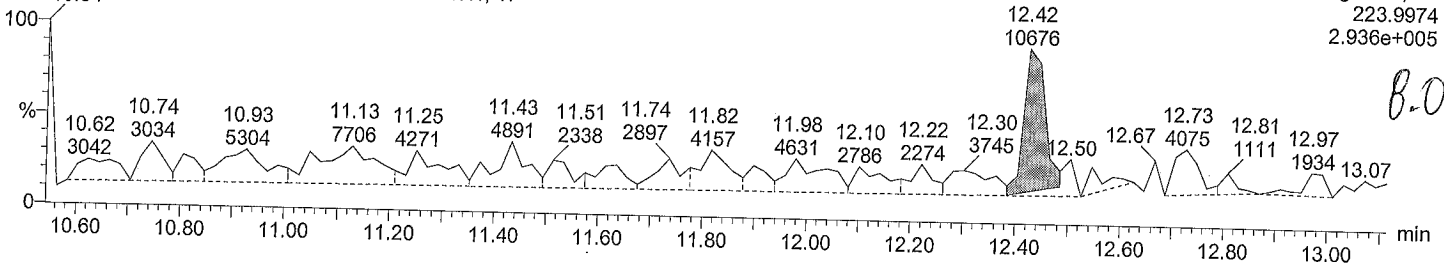
Total DiCB F2

M2161205B08
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI



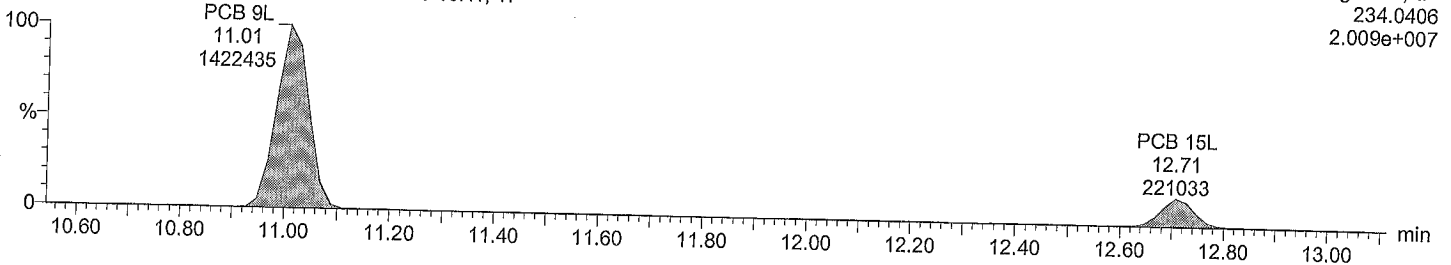
Total DiCB F2

M2161205B08
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI



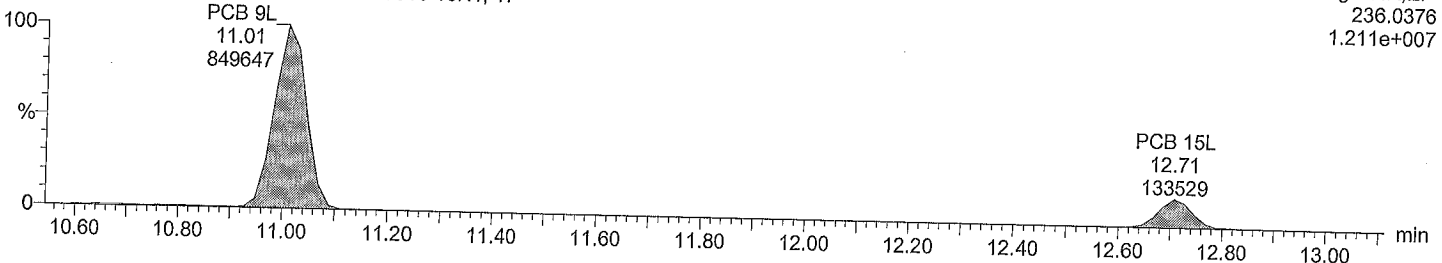
Total DiCB labeled F2

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI



Total DiCB labeled F2

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

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Printed: Wednesday, December 07, 2016 11:31:14 AM

Description: DIS272-01R

Vial: 8

Date: 06-Dec-2016

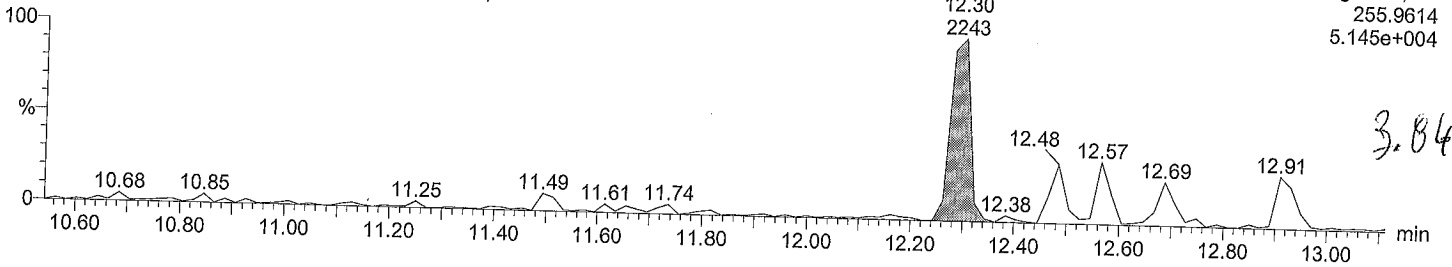
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Instrument:

Total TriCB F2

M2161205B08

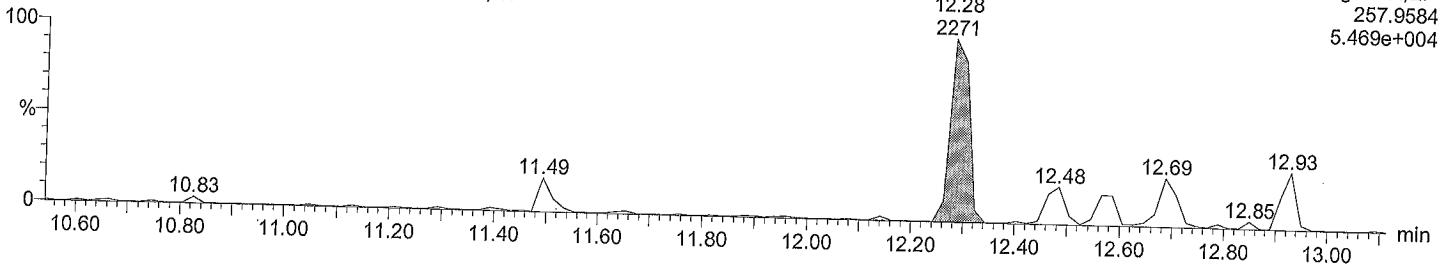
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



Total TriCB F2

M2161205B08

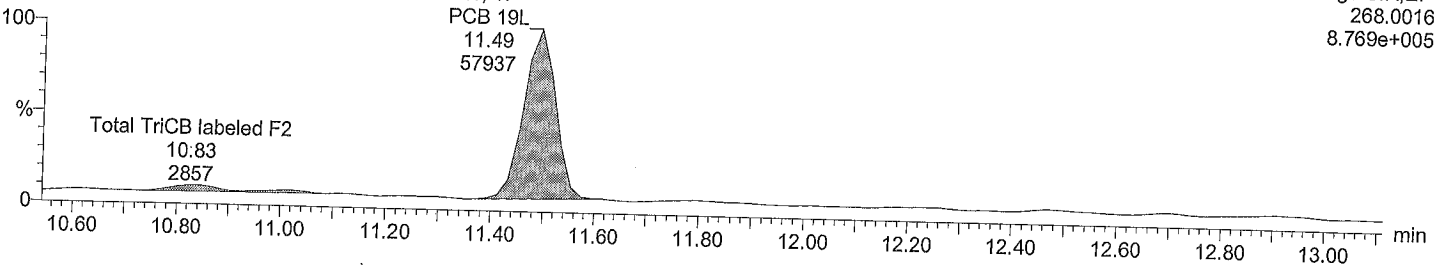
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



Total TriCB labeled F2

M2161205B08 Smooth(SG,3x1)

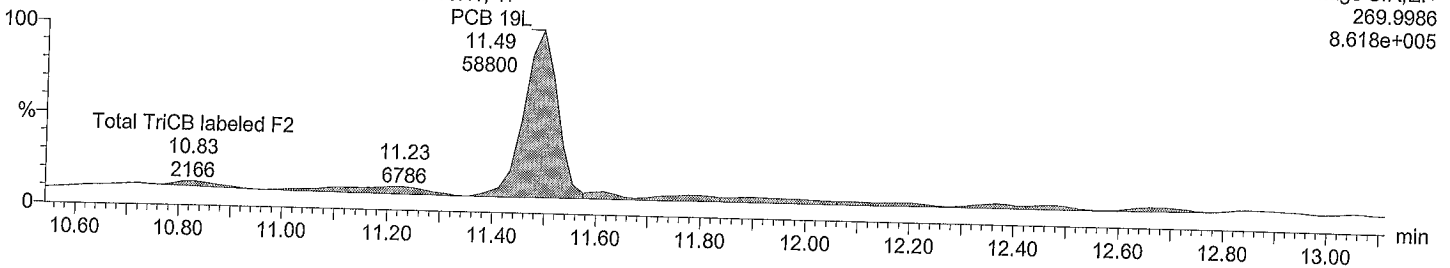
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



Total TriCB labeled F2

M2161205B08 Smooth(SG,3x1)

DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



Quantify Sample Report

Acquired Date

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Printed: Wednesday, December 07, 2016 11:31:14 AM

Description: DIS272-01R

Vial: 8

Date: 06-Dec-2016

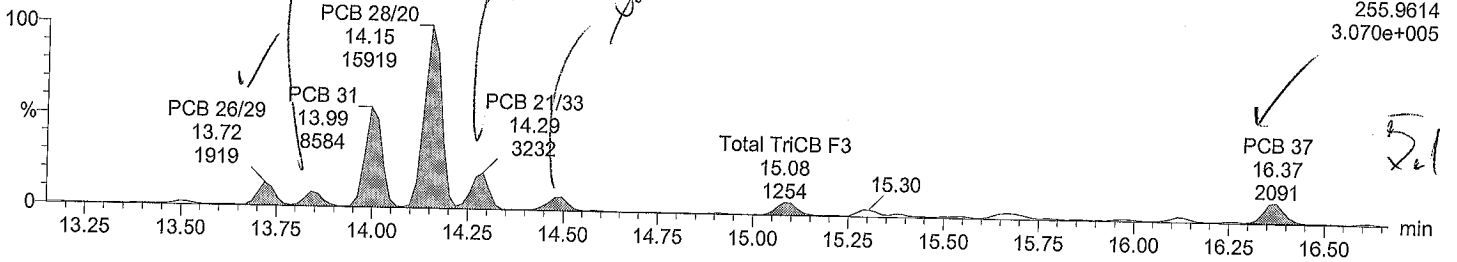
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Instrument:

Total TriCB F3

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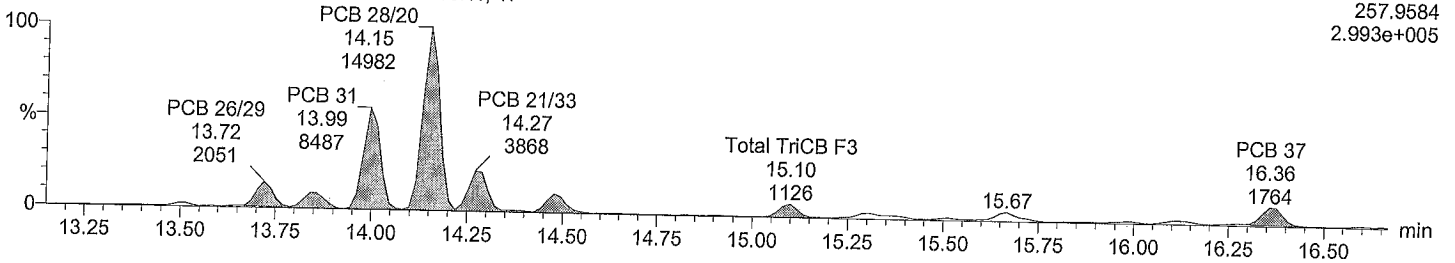
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI



Total TriCB F3

M2161205B08 Smooth(SG,1x1)

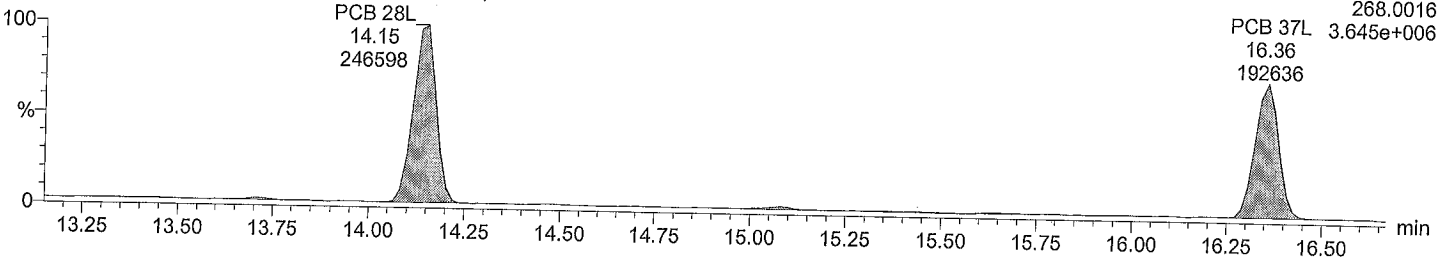
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI



Total TriCB labeled F3

M2161205B08 Smooth(SG,3x1)

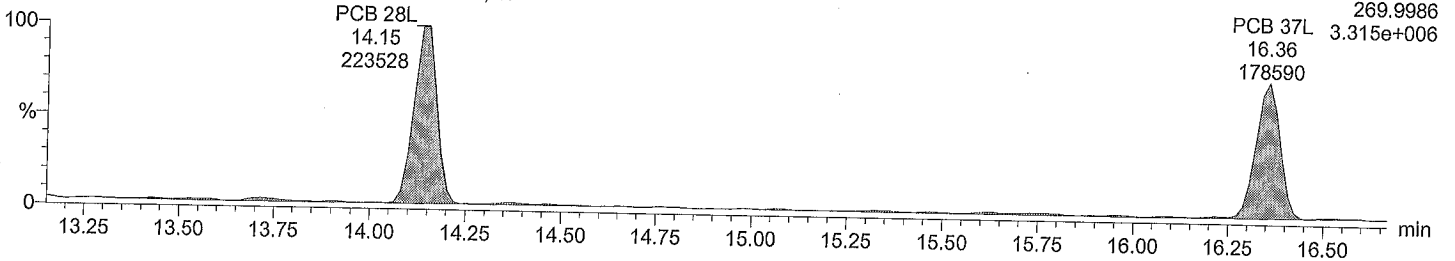
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI



Total TriCB labeled F3

M2161205B08 Smooth(SG,3x1)

DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

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Description: DIS272-01R

Vial: 8

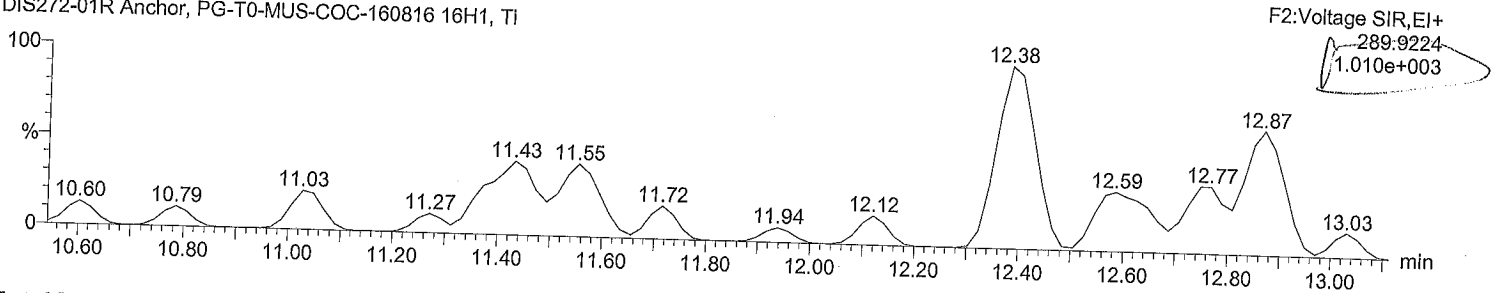
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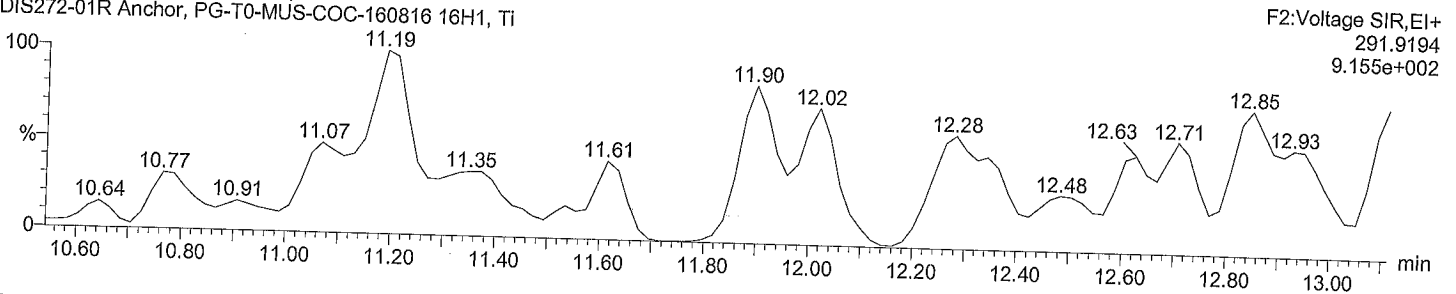
Total TeCB F2

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI



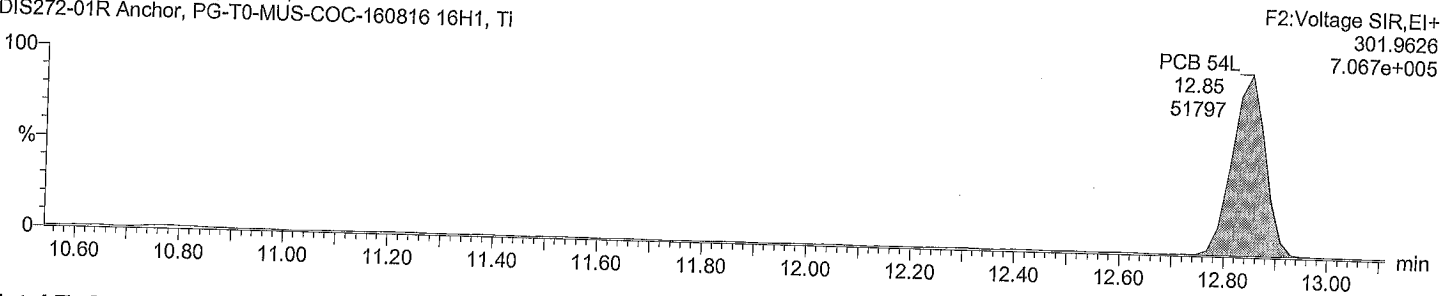
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M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI



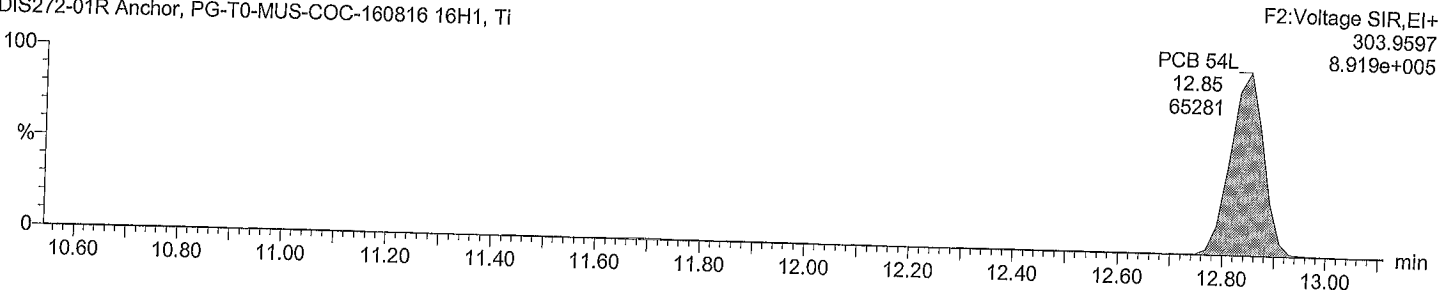
Total TeCB labeled F2

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI



Total TeCB labeled F2

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

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Printed: Wednesday, December 07, 2016 11:31:14 AM

Description: DIS272-01R

Vial: 8

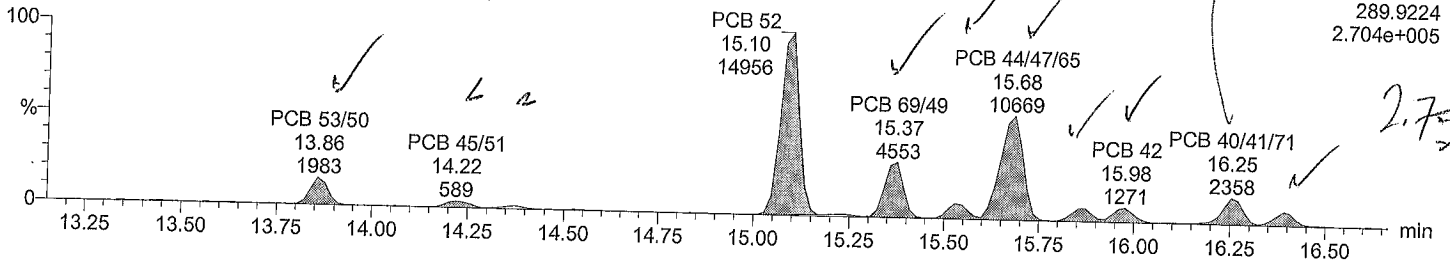
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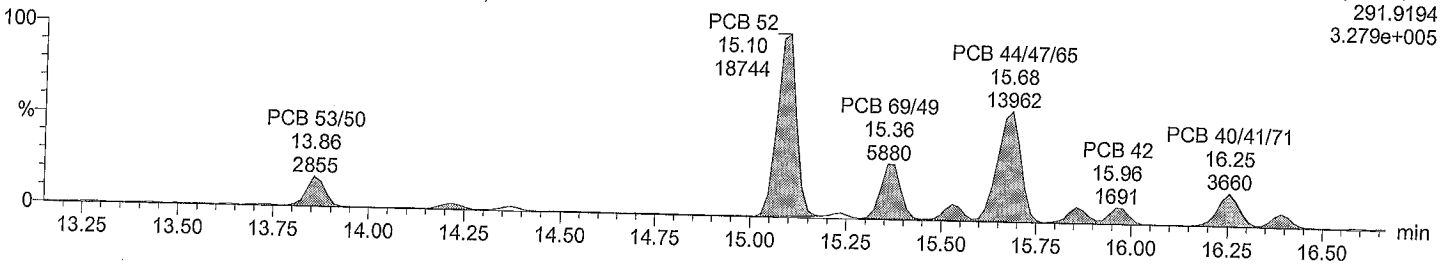
Total TeCB F3

M2161205B08 Smooth(SG,1x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



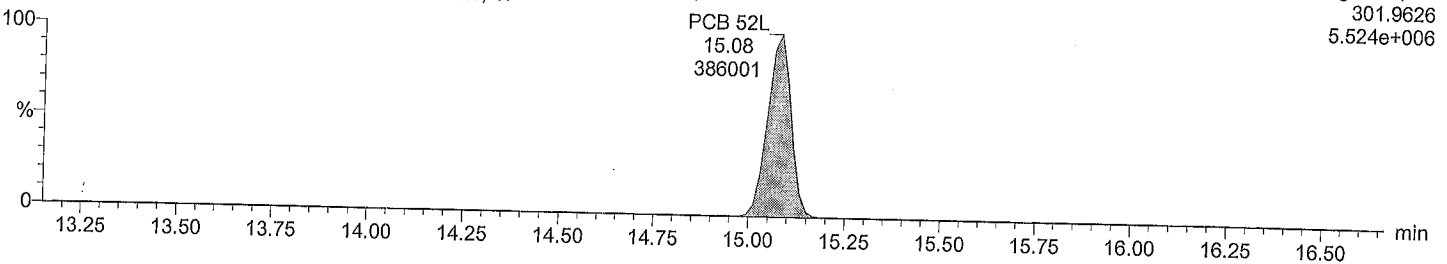
Total TeCB F3

M2161205B08 Smooth(SG,1x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



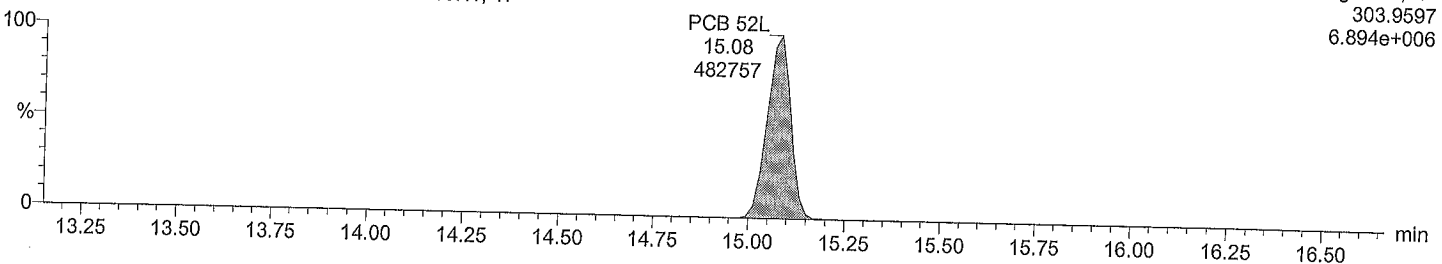
Total TeCB labeled F3

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



Total TeCB labeled F3

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 11:30:05 AM
Printed: Wednesday, December 07, 2016 11:31:14 AM

Description: DIS272-01R

Vial: 8

Date: 06-Dec-2016

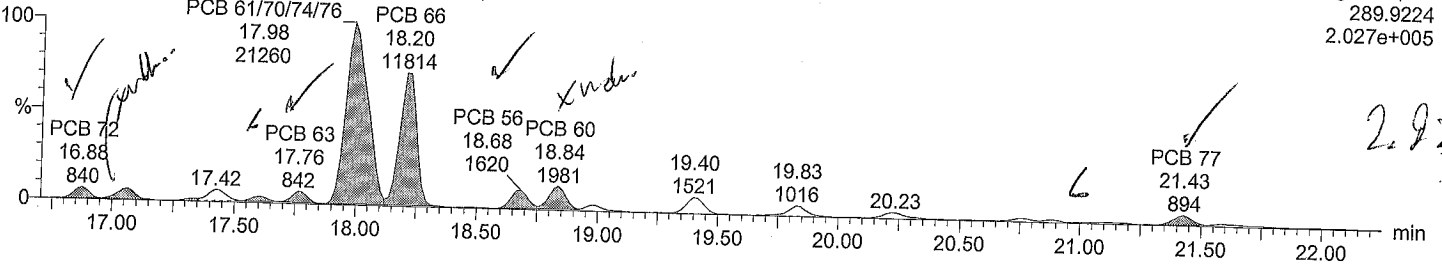
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Instrument:

Total TeCB F4

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti

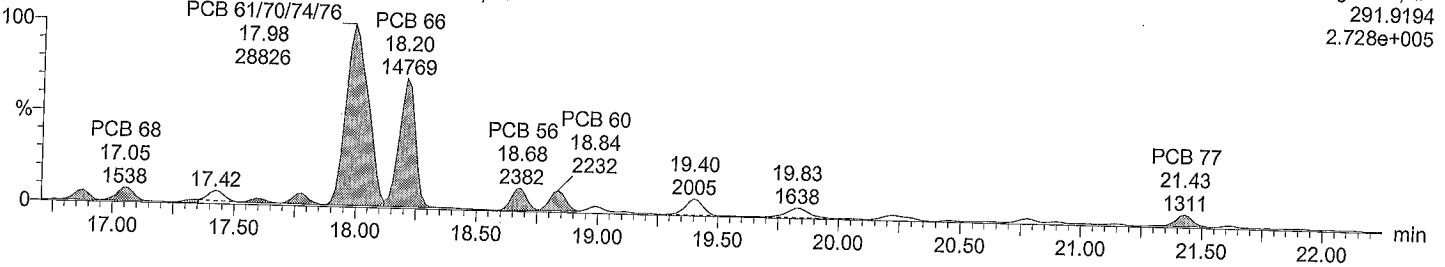
F4:Voltage SIR,EI+
289.9224
2.027e+005



Total TeCB F4

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti

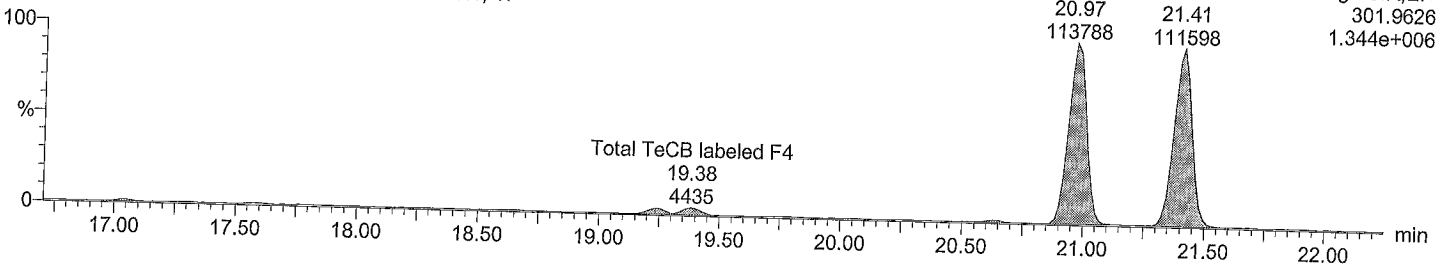
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291.9194
2.728e+005



Total TeCB labeled F4

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DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti

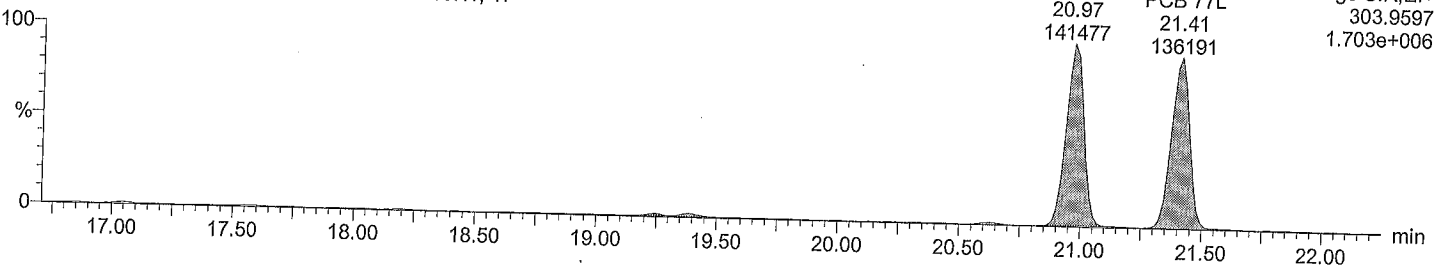
F4:Voltage SIR,EI+
301.9626
1.344e+006



Total TeCB labeled F4

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti

F4:Voltage SIR,EI+
303.9597
1.703e+006



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

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Printed: Wednesday, December 07, 2016 11:31:14 AM

Description: DIS272-01R

Vial: 8

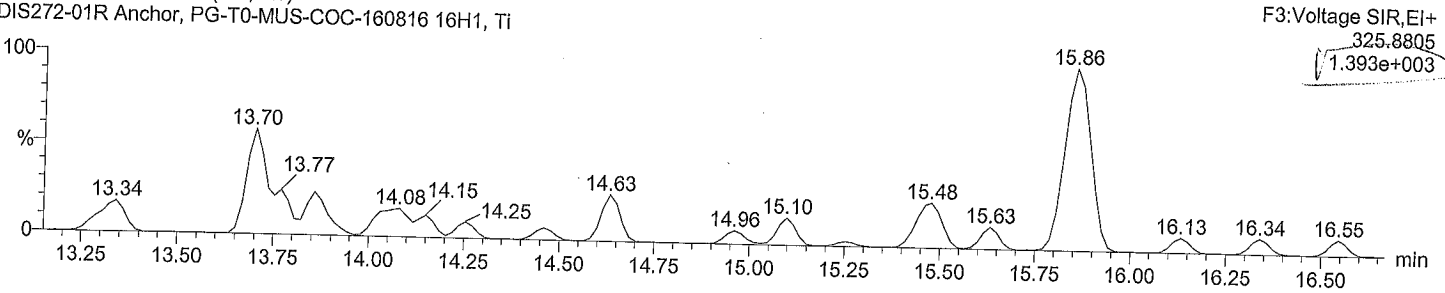
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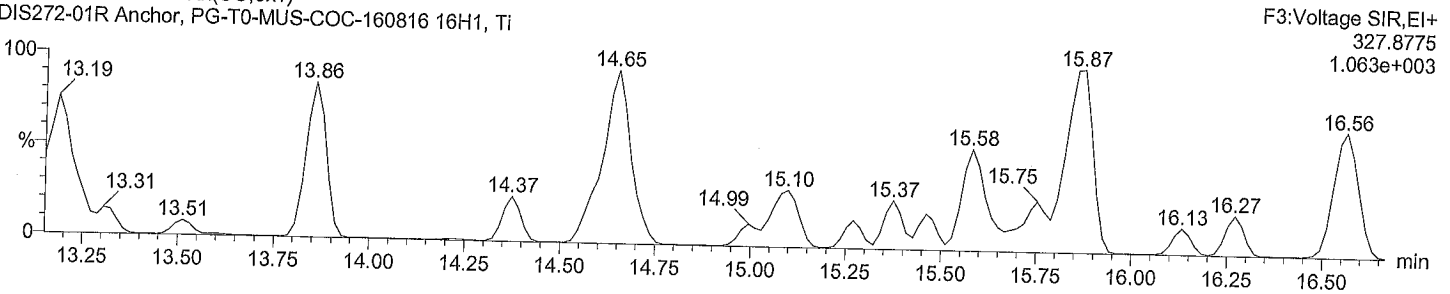
Total PeCB F3

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



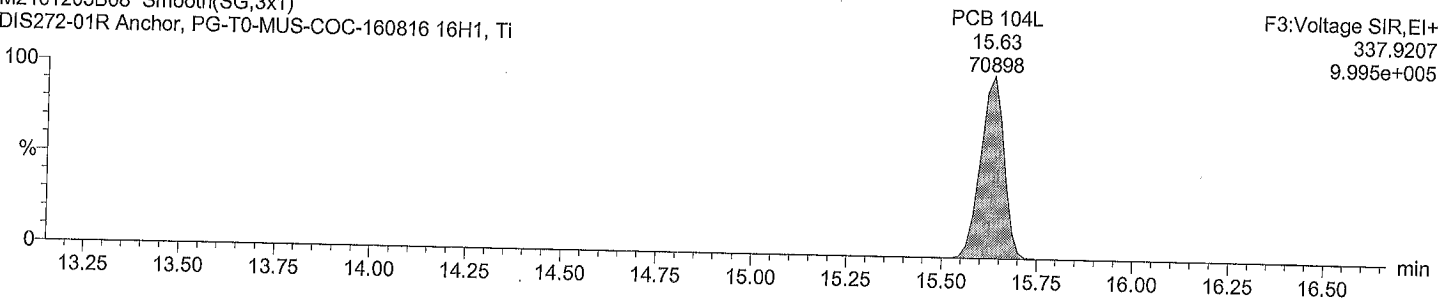
Total PeCB F3

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



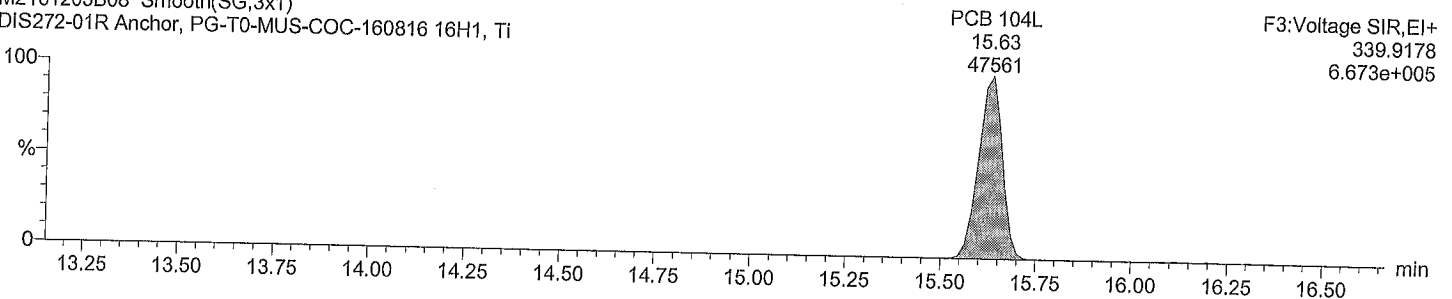
Total PeCB labeled F3

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



Total PeCB labeled F3

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

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Printed: Wednesday, December 07, 2016 11:31:14 AM

Description: DIS272-01R

Vial: 8

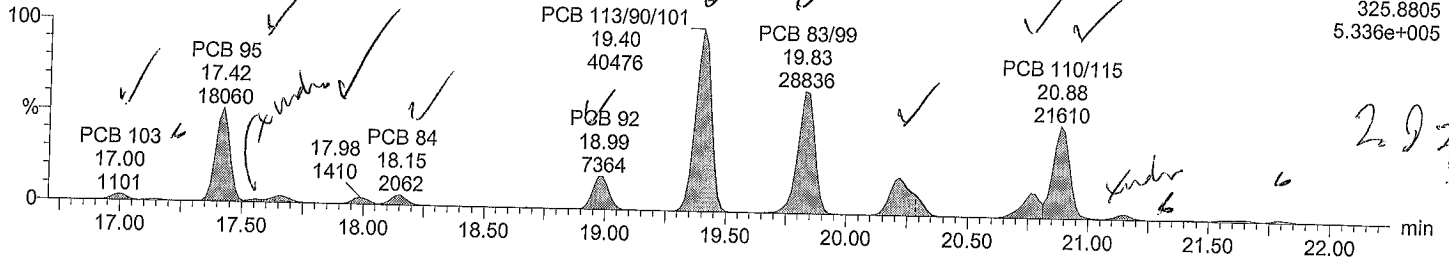
Date: 06-Dec-2016

Time: 01:30:02

Instrument:

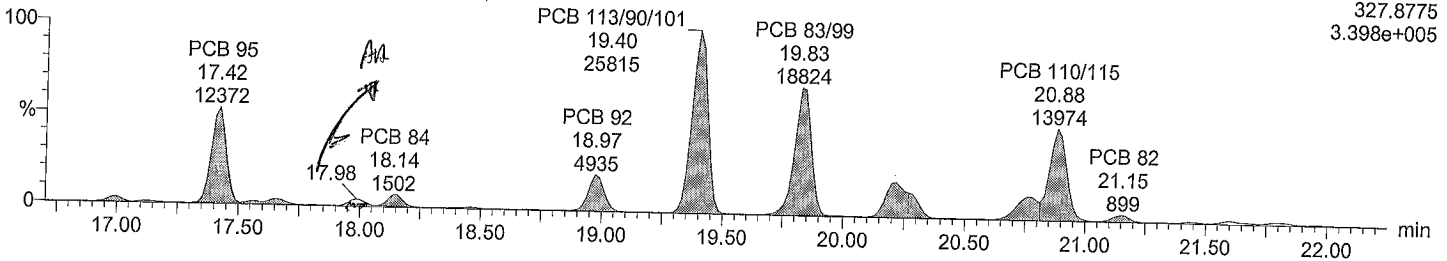
Total PeCB F4

M2161205B08 Smooth(SG,2x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



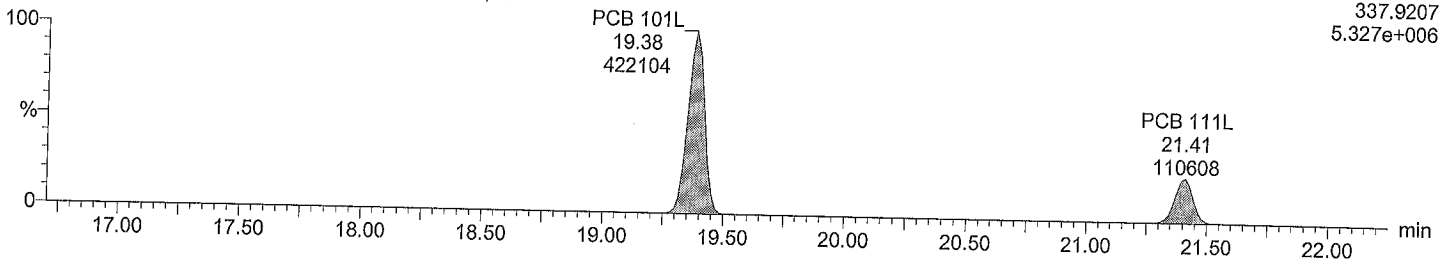
Total PeCB F4

M2161205B08 Smooth(SG,2x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



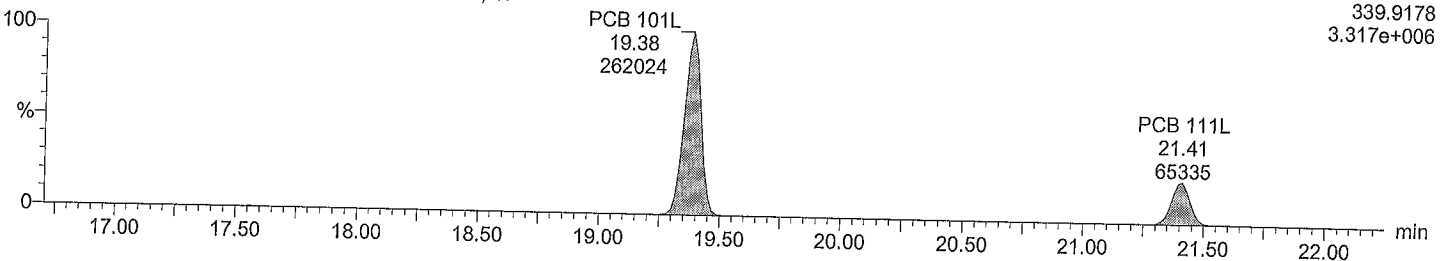
Total PeCB labeled F4

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



Total PeCB labeled F4

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

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Printed: Wednesday, December 07, 2016 11:31:14 AM

Description: DIS272-01R

Vial: 8

Date: 06-Dec-2016

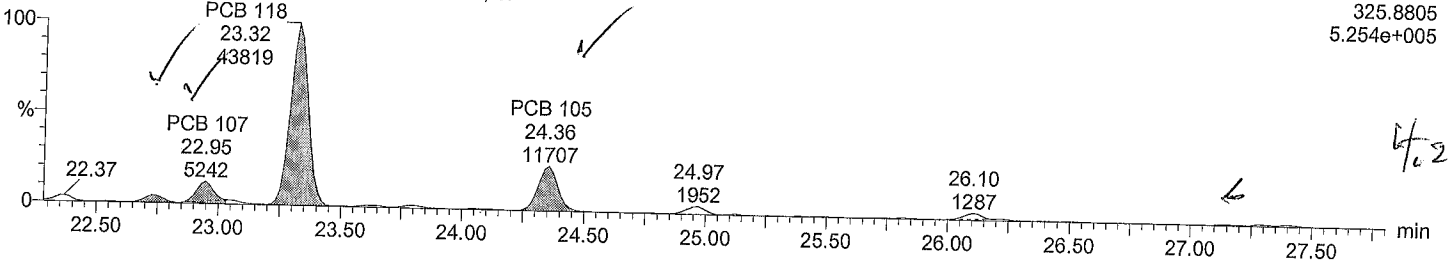
Time: 01:30:02

Instrument:

Total PeCB F5

M2161205B08 Smooth(SG,2x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI

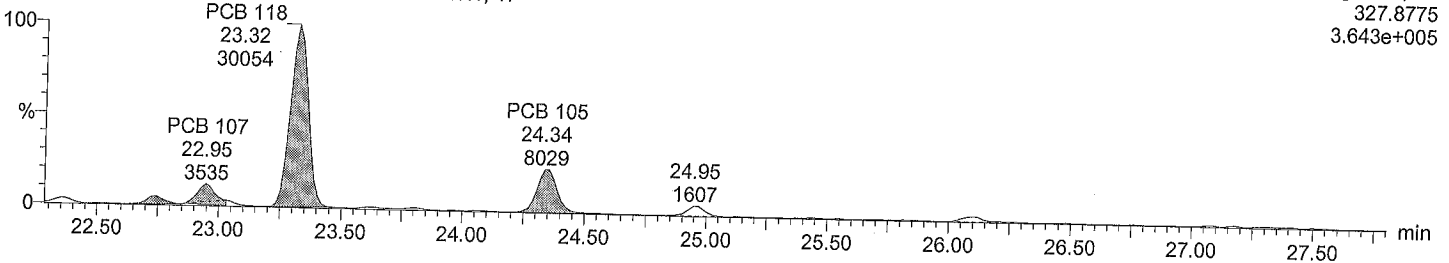
F5:Voltage SIR,EI+
325.8805
5.254e+005



Total PeCB F5

M2161205B08 Smooth(SG,2x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI

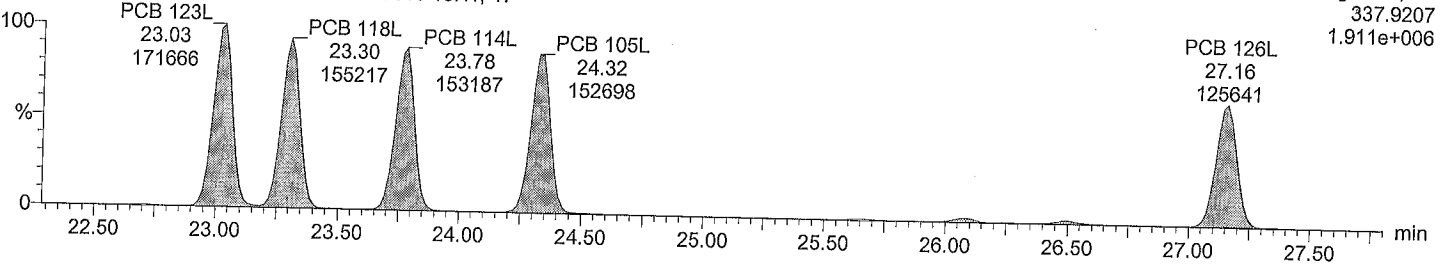
F5:Voltage SIR,EI+
327.8775
3.643e+005



Total PeCB labeled F5

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI

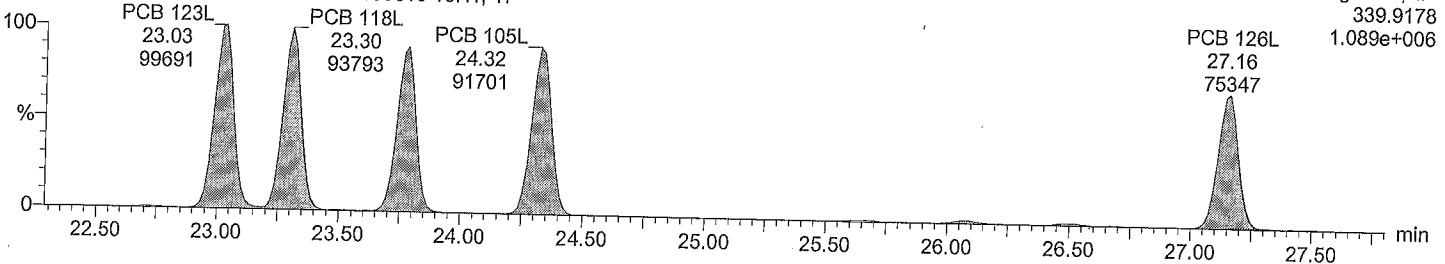
F5:Voltage SIR,EI+
337.9207
1.911e+006



Total PeCB labeled F5

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI

F5:Voltage SIR,EI+
339.9178
1.089e+006



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 11:30:05 AM

Printed: Wednesday, December 07, 2016 11:31:14 AM

Description: DIS272-01R

Vial: 8

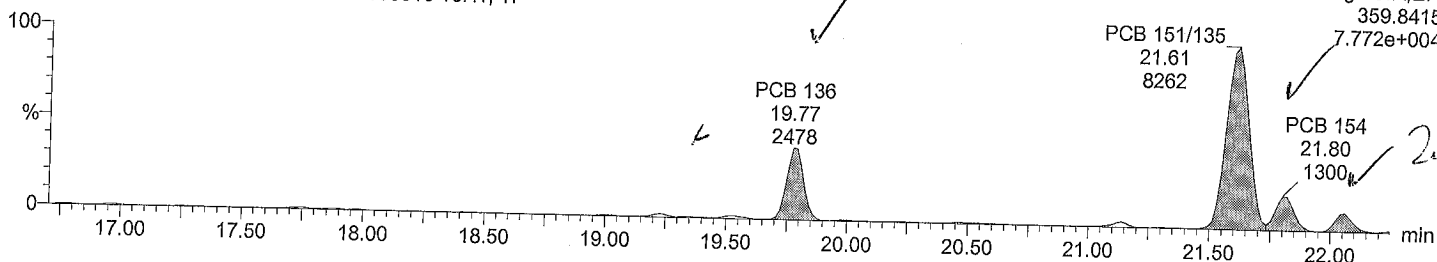
Date: 06-Dec-2016

Time: 01:30:02

Instrument:

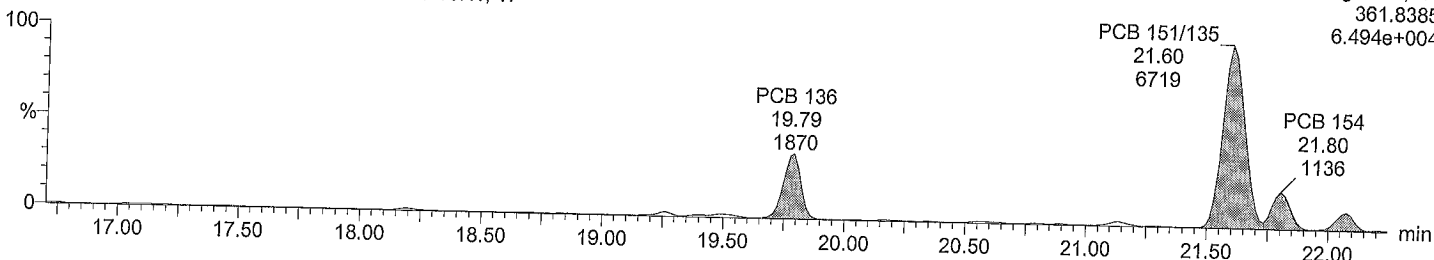
Total HxCB F4

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



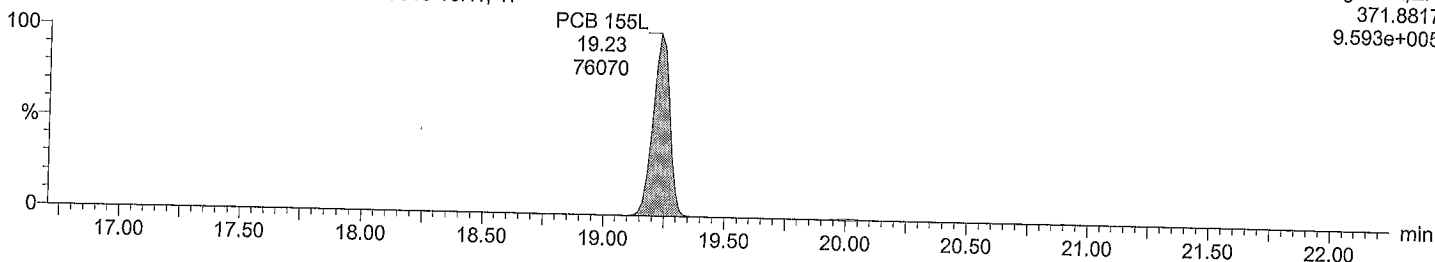
Total HxCB F4

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



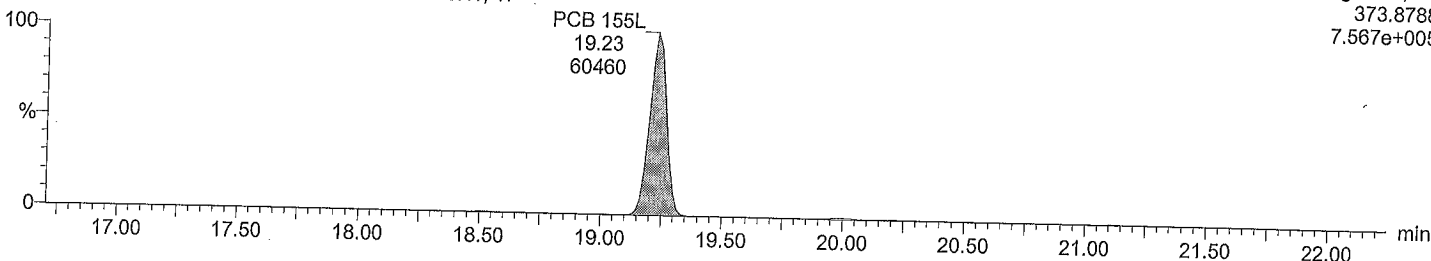
Total HxCB labeled F4

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



Total HxCB labeled F4

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 11:30:05 AM

Printed: Wednesday, December 07, 2016 11:31:14 AM

Description: DIS272-01R

Vial: 8

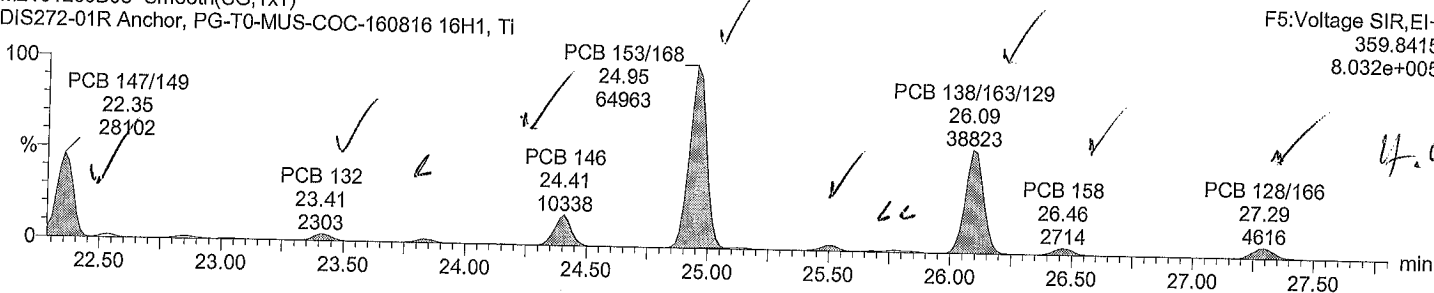
Date: 06-Dec-2016

Time: 01:30:02

Instrument:

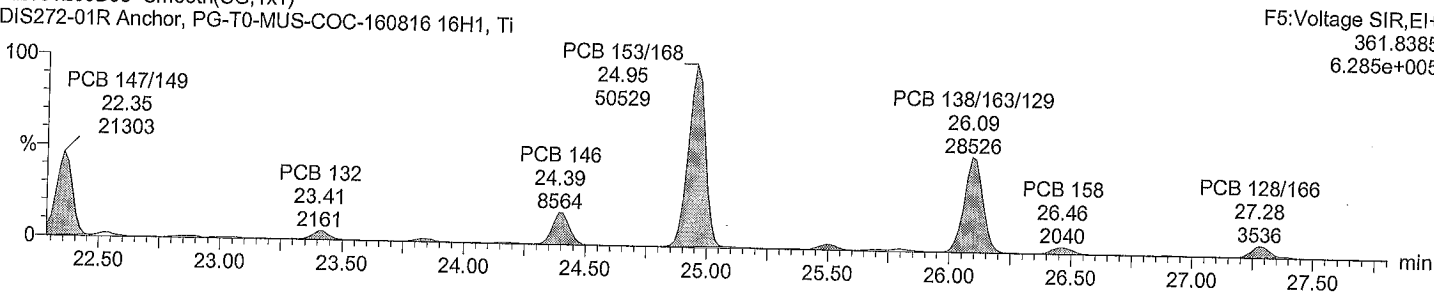
Total HxCB F5

M2161205B08 Smooth(SG,1x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI



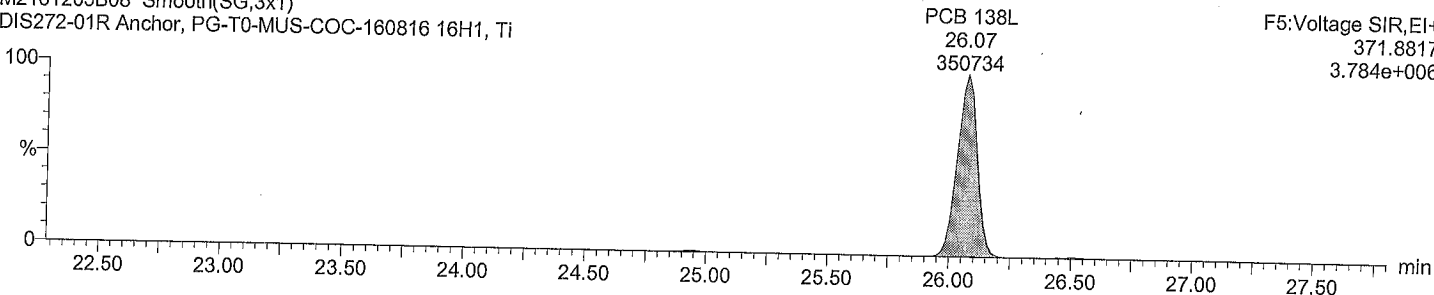
Total HxCB F5

M2161205B08 Smooth(SG,1x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI



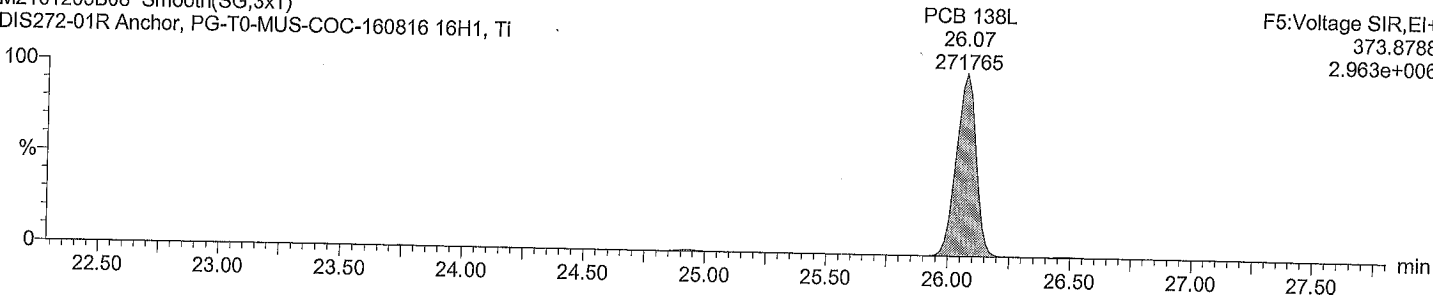
Total HxCB labeled F5

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI



Total HxCB labeled F5

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 11:30:05 AM
Printed: Wednesday, December 07, 2016 11:31:14 AM

Description: DIS272-01R

Vial: 8

Date: 06-Dec-2016

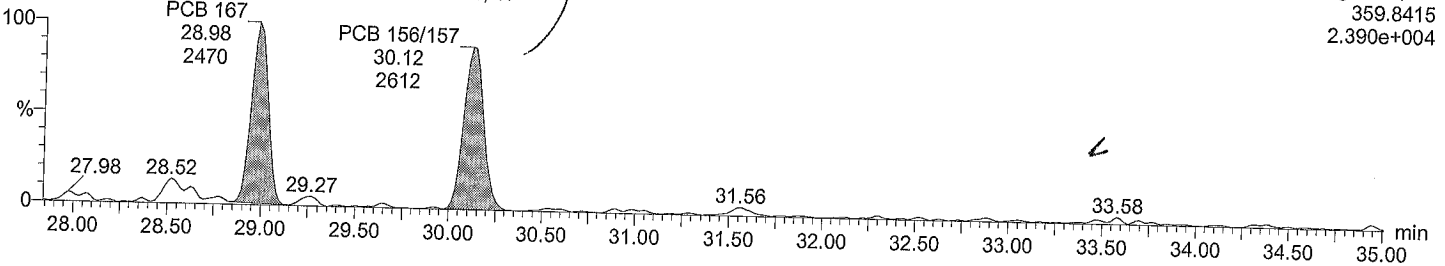
Time: 01:30:02

Instrument:

Total HxCB F6

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti

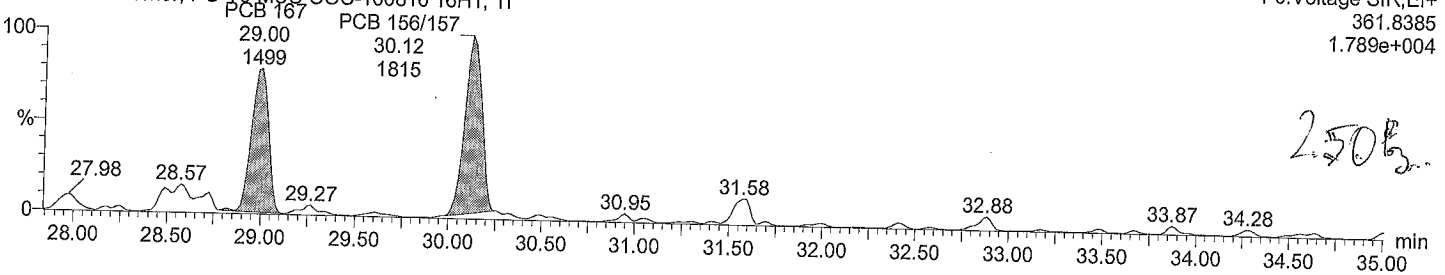
F6:Voltage SIR,EI+
359.8415
2.390e+004



Total HxCB F6

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti

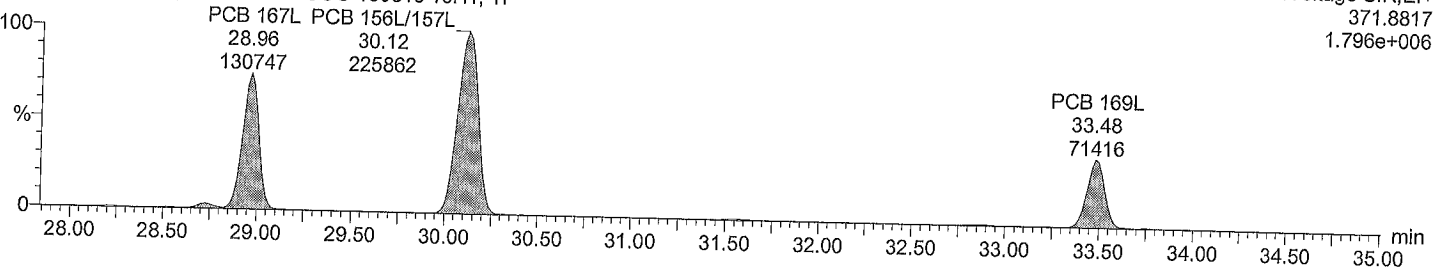
F6:Voltage SIR,EI+
361.8385
1.789e+004



Total HxCB labeled F6

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti

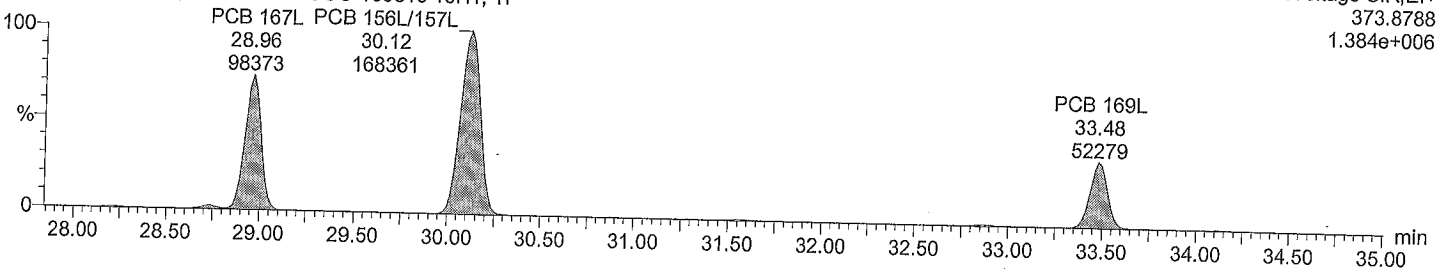
F6:Voltage SIR,EI+
371.8817
1.796e+006



Total HxCB labeled F6

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti

F6:Voltage SIR,EI+
373.8788
1.384e+006



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 11:30:05 AM
Printed: Wednesday, December 07, 2016 11:31:14 AM

Description: DIS272-01R

Vial: 8

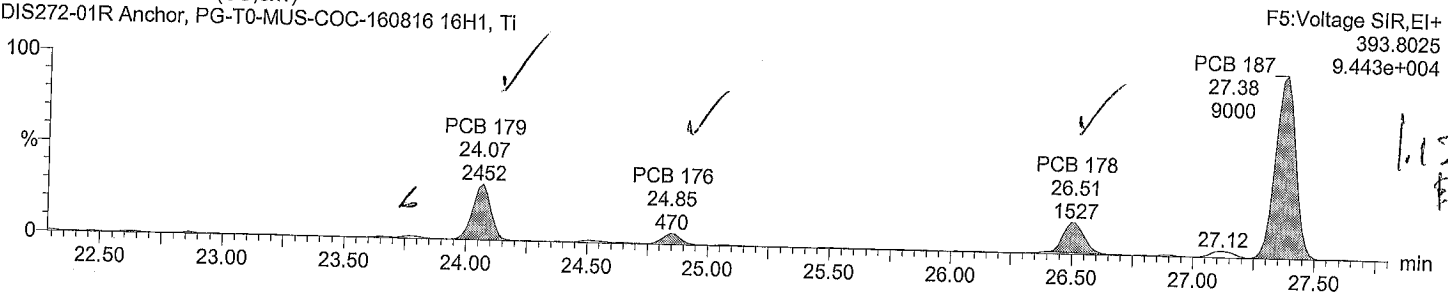
Date: 06-Dec-2016

Time: 01:30:02

Instrument:

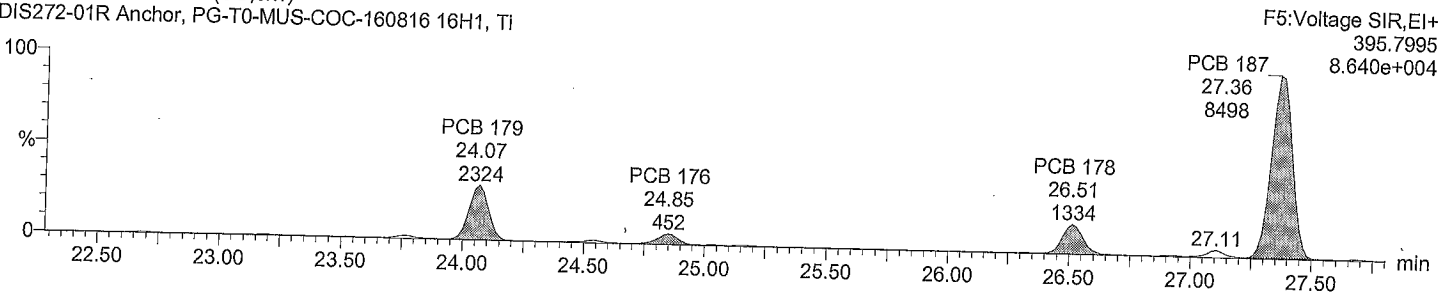
Total HpCB F5

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



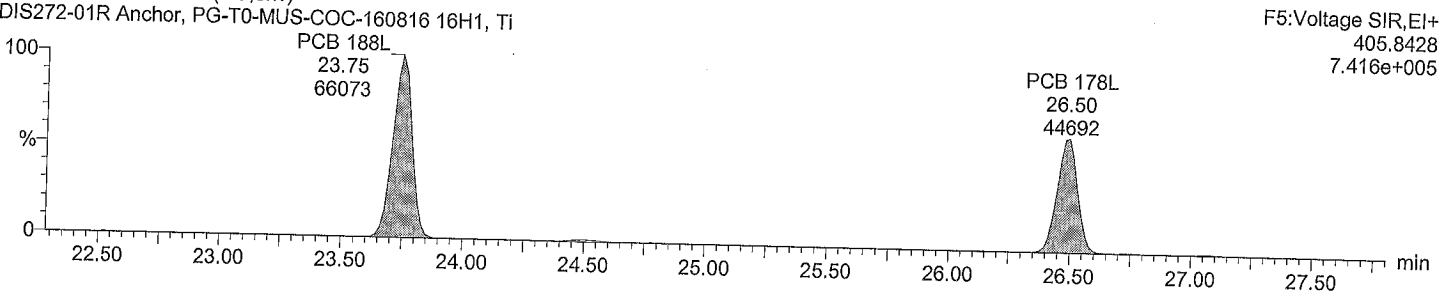
Total HpCB F5

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



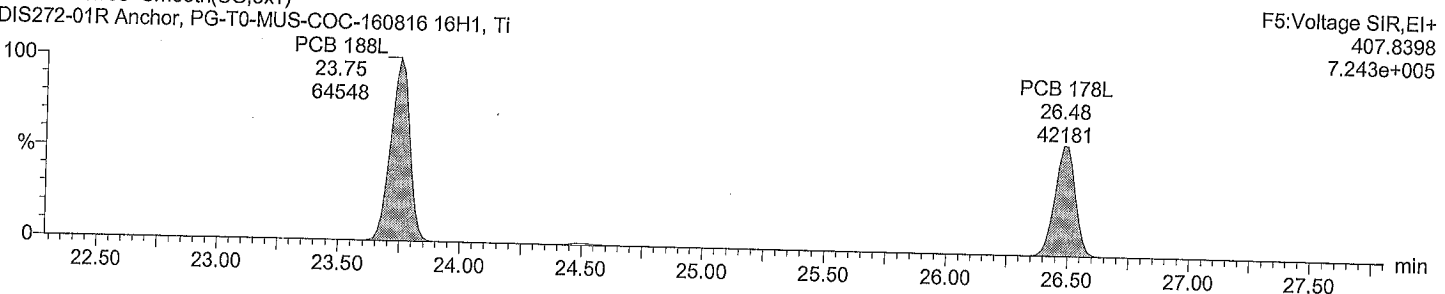
Total HpCB labeled F5

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



Total HpCB labeled F5

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 11:30:05 AM

Printed: Wednesday, December 07, 2016 11:31:14 AM

Description: DIS272-01R

Vial: 8

Date: 06-Dec-2016

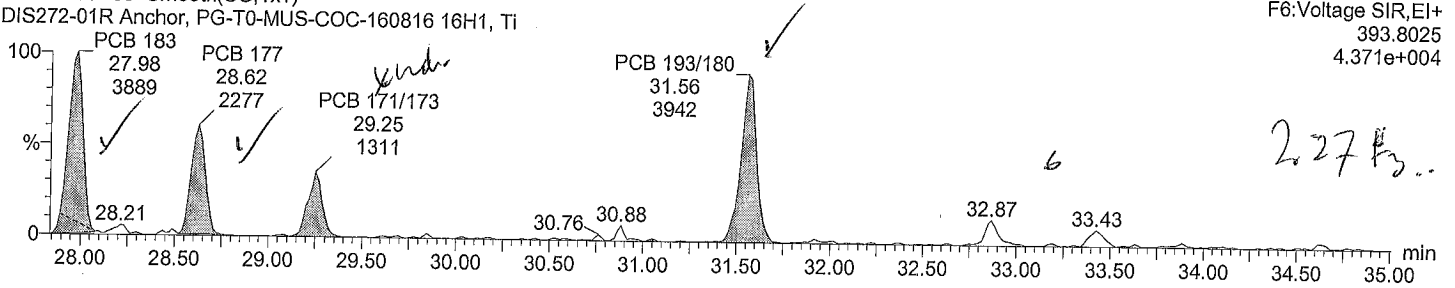
Time: 01:30:02

Instrument:

Total HpCB F6

M2161205B08 Smooth(SG,1x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI

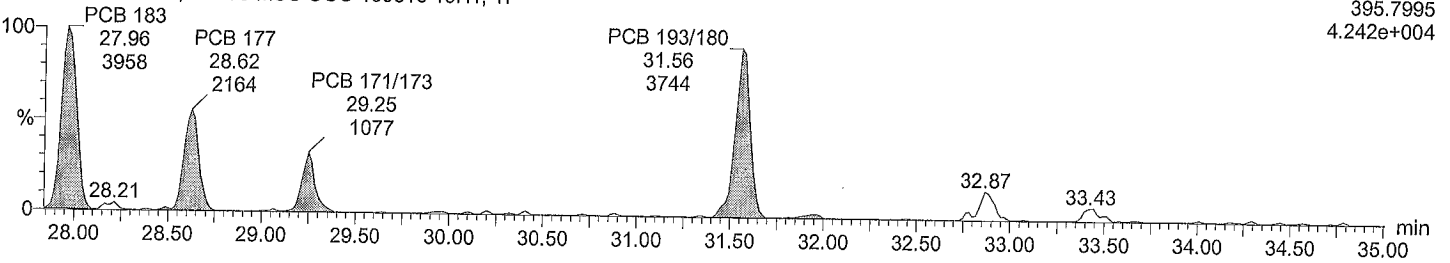
F6:Voltage SIR,EI+
393.8025
4.371e+004



Total HpCB F6

M2161205B08 Smooth(SG,1x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI

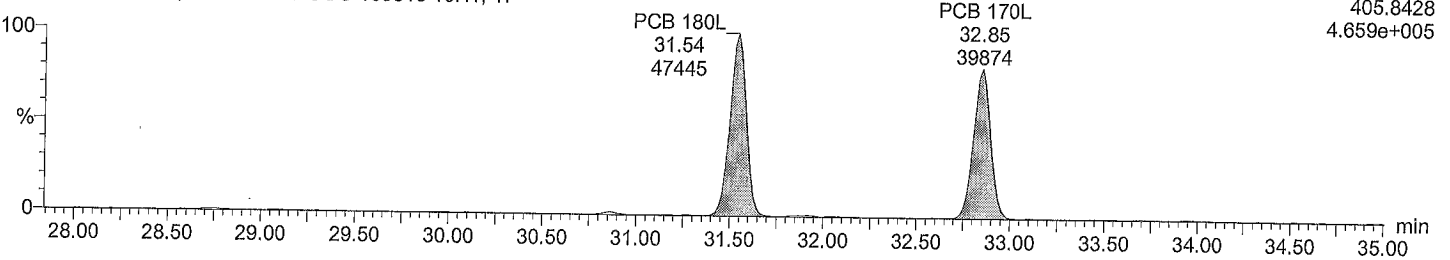
F6:Voltage SIR,EI+
395.7995
4.242e+004



Total HpCB labeled F6

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI

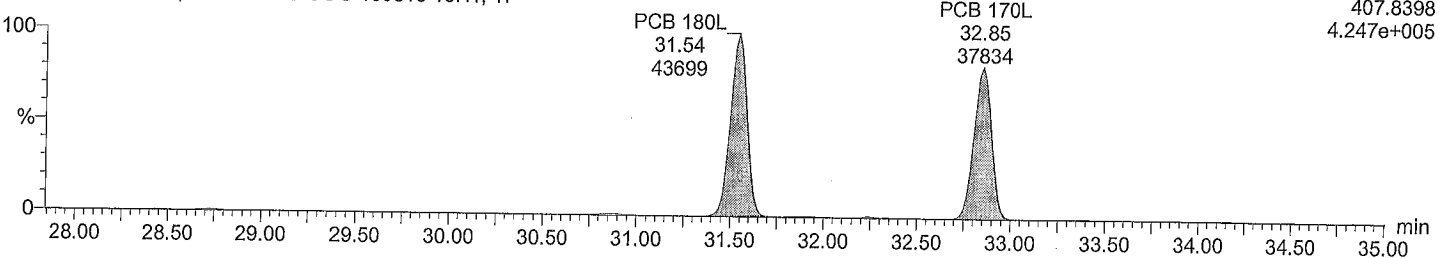
F6:Voltage SIR,EI+
405.8428
4.659e+005



Total HpCB labeled F6

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI

F6:Voltage SIR,EI+
407.8398
4.247e+005



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 11:30:05 AM

Printed: Wednesday, December 07, 2016 11:31:14 AM

Description: DIS272-01R

Vial: 8

Date: 06-Dec-2016

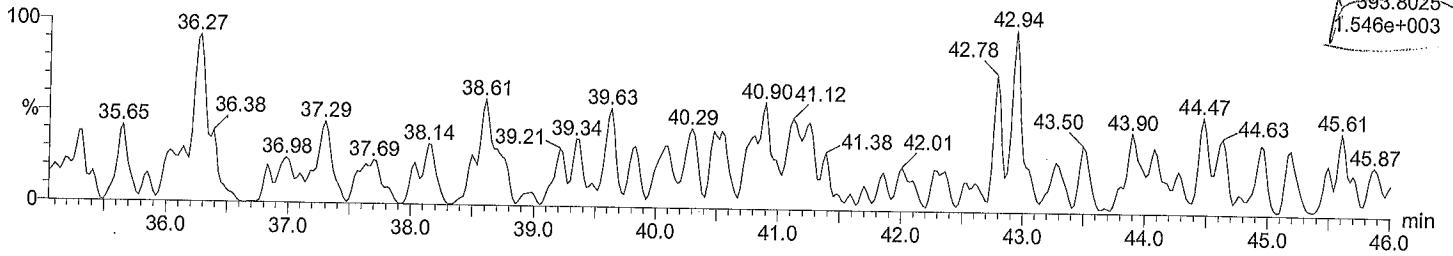
Time: 01:30:02

Instrument:

Total HpCB F7

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti

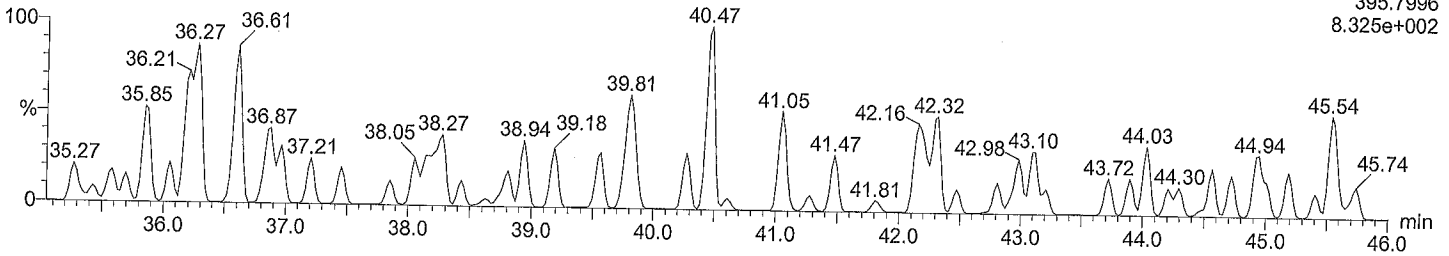
F7:Voltage SIR,EI+
393.8025
1.546e+003



Total HpCB F7

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti

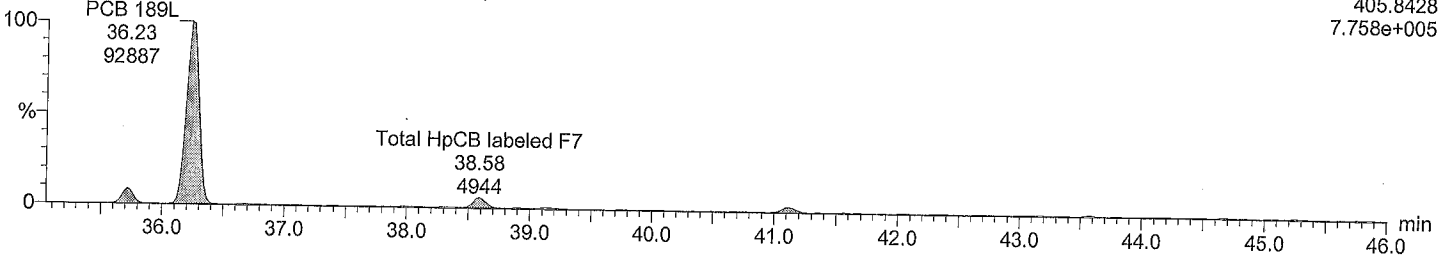
F7:Voltage SIR,EI+
395.7996
8.325e+002



Total HpCB labeled F7

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti

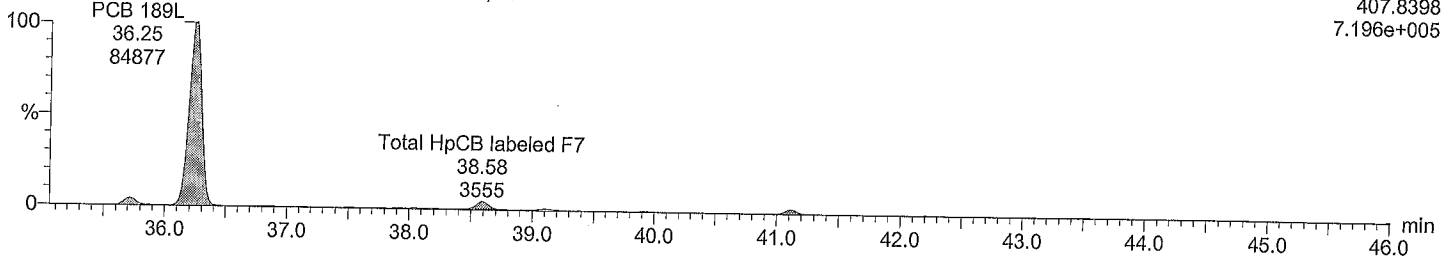
F7:Voltage SIR,EI+
405.8428
7.758e+005



Total HpCB labeled F7

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti

F7:Voltage SIR,EI+
407.8398
7.196e+005



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 11:30:05 AM

Printed: Wednesday, December 07, 2016 11:31:14 AM

Description: DIS272-01R

Vial: 8

Date: 06-Dec-2016

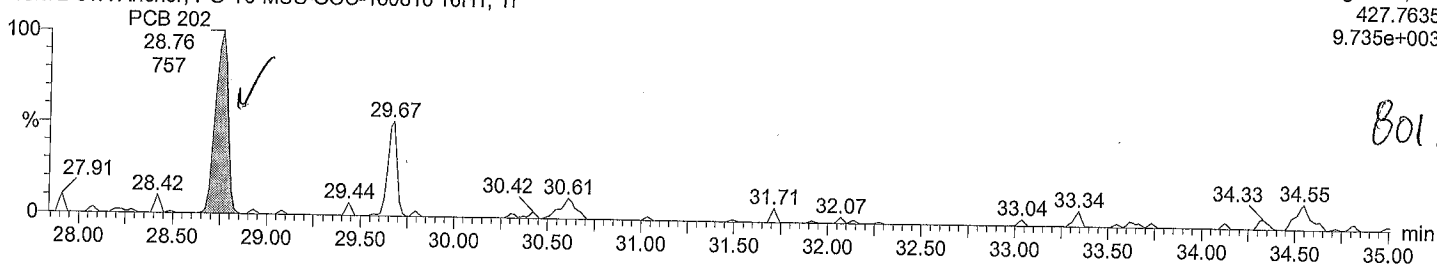
Time: 01:30:02

Instrument:

Total OcCB F6

M2161205B08 Smooth(SG,1x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI

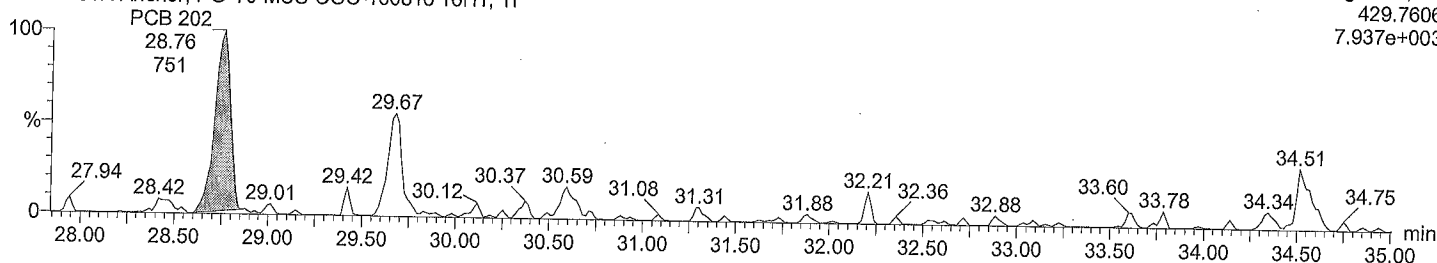
F6:Voltage SIR,EI+
427.7635
9.735e+003



Total OcCB F6

M2161205B08 Smooth(SG,1x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI

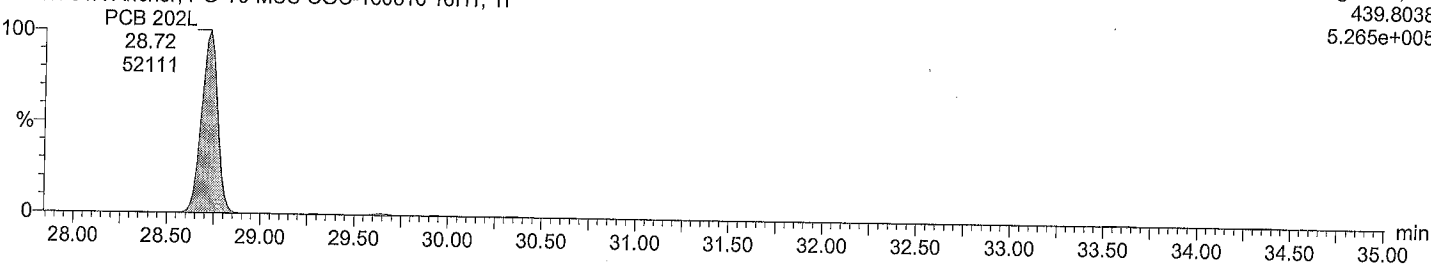
F6:Voltage SIR,EI+
429.7606
7.937e+003



Total OcCB labeled F6

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI

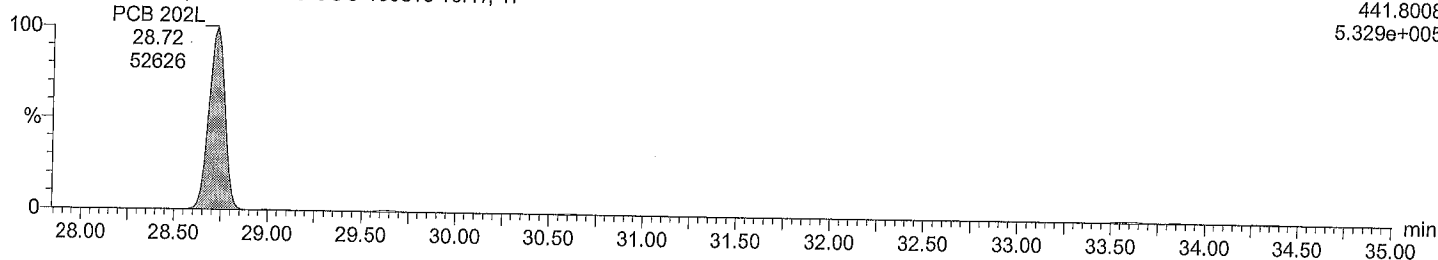
F6:Voltage SIR,EI+
439.8038
5.265e+005



Total OcCB labeled F6

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI

F6:Voltage SIR,EI+
441.8008
5.329e+005



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 11:30:05 AM

Printed: Wednesday, December 07, 2016 11:31:14 AM

Description: DIS272-01R

Vial: 8

Date: 06-Dec-2016

Time: 01:30:02

Instrument:

Total OcCB F7

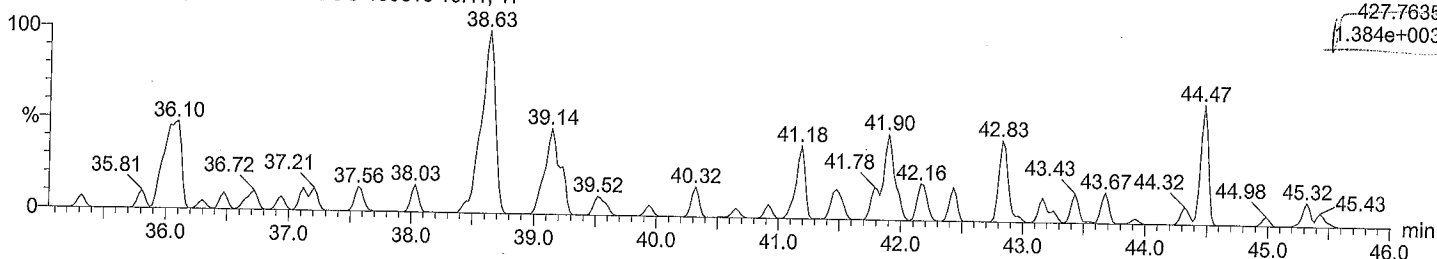
M2161205B08 Smooth(SG,3x1)

DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti

F7:Voltage SIR,EI+

427.7635

1.384e+003



Total OcCB F7

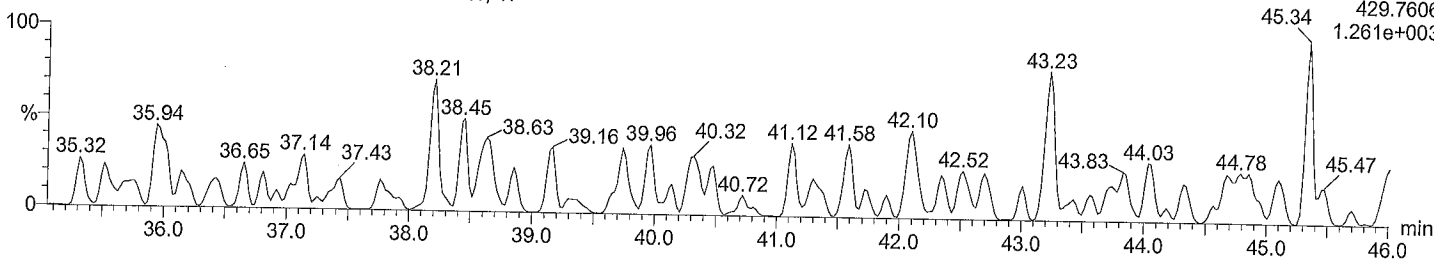
M2161205B08 Smooth(SG,3x1)

DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti

F7:Voltage SIR,EI+

429.7606

1.261e+003



Total OcCB labeled F7

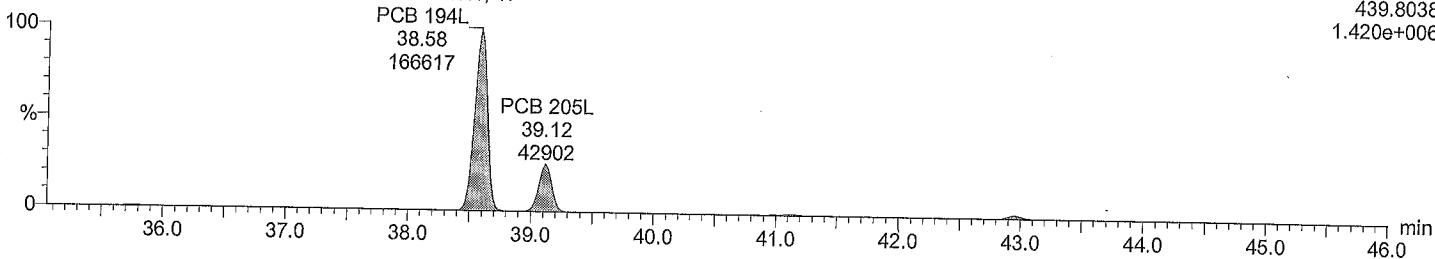
M2161205B08 Smooth(SG,3x1)

DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti

F7:Voltage SIR,EI+

439.8038

1.420e+006



Total OcCB labeled F7

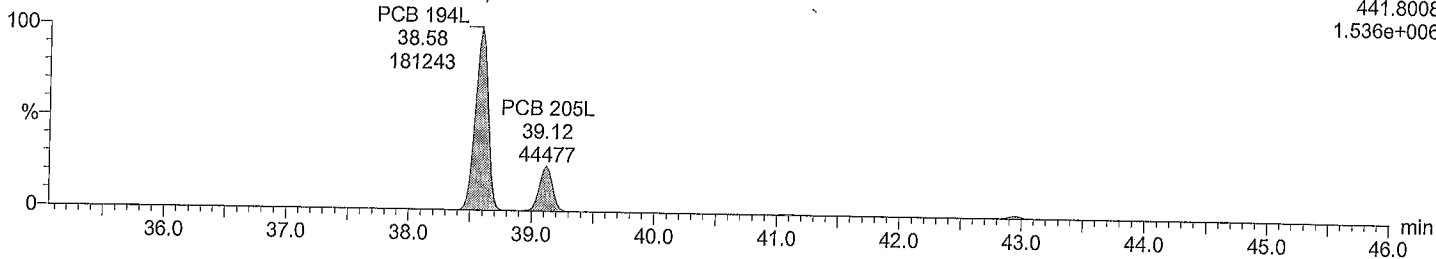
M2161205B08 Smooth(SG,3x1)

DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti

F7:Voltage SIR,EI+

441.8008

1.536e+006



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 11:30:05 AM

Printed: Wednesday, December 07, 2016 11:31:14 AM

Description: DIS272-01R

Vial: 8

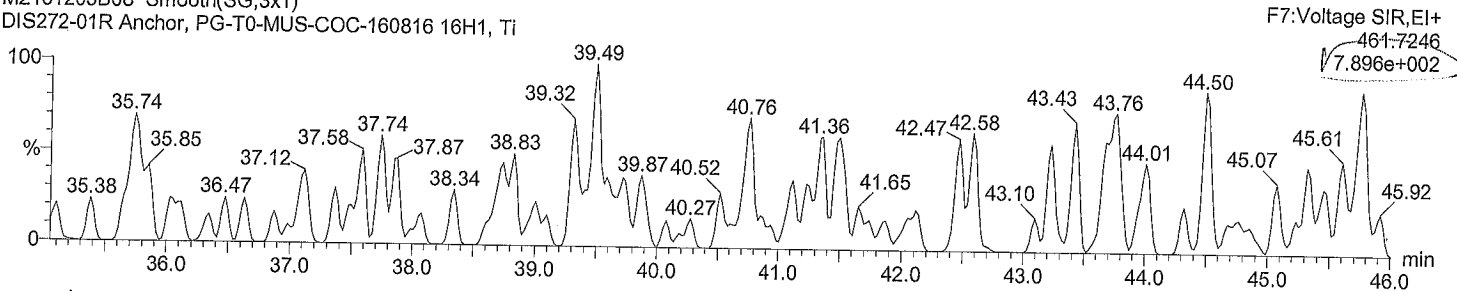
Date: 06-Dec-2016

Time: 01:30:02

Instrument:

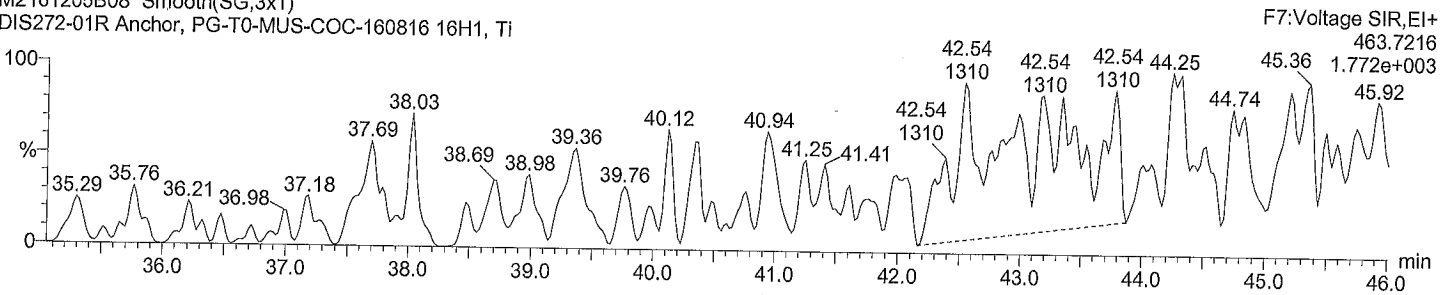
Total NoCB F7

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



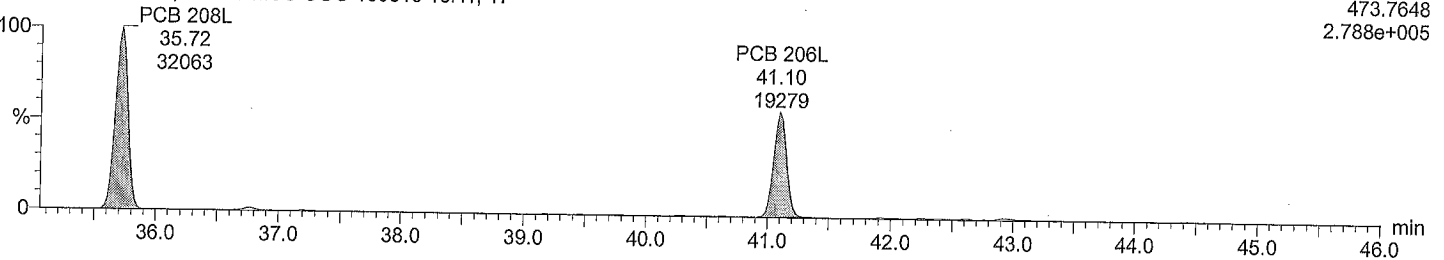
Total NoCB F7

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



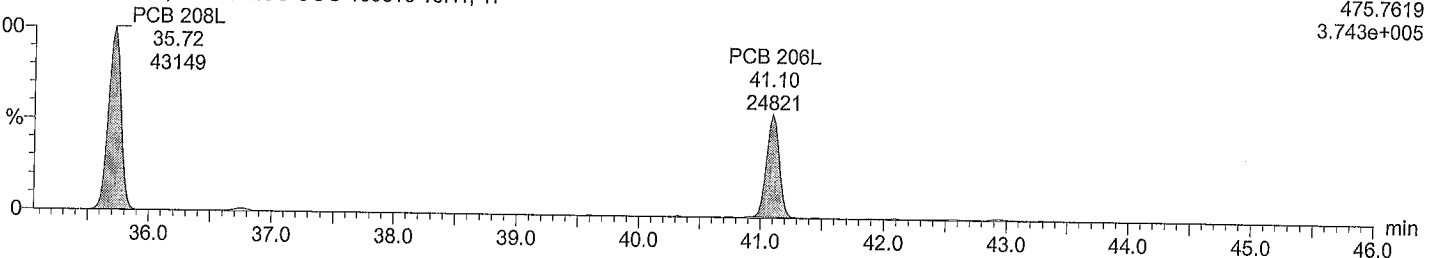
Total NoCB labeled F7

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



Total NoCB labeled F7

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 11:30:05 AM

Printed: Wednesday, December 07, 2016 11:31:14 AM

Description: DIS272-01R

Vial: 8

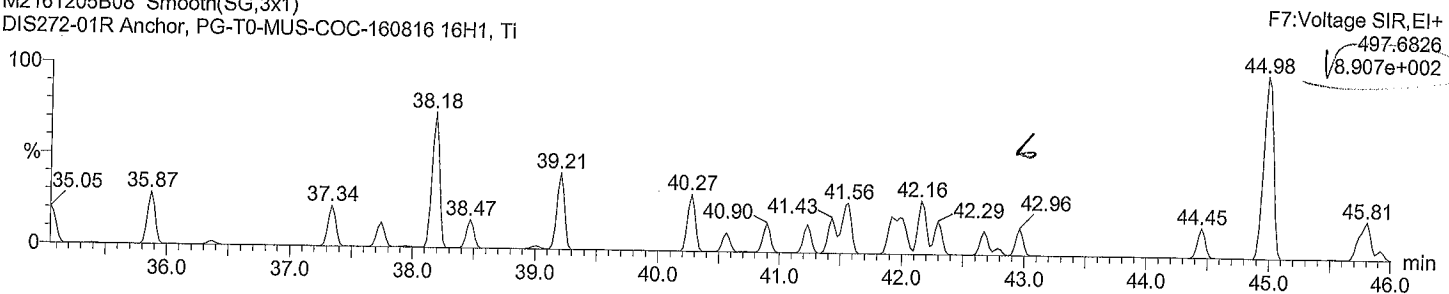
Date: 06-Dec-2016

Time: 01:30:02

Instrument:

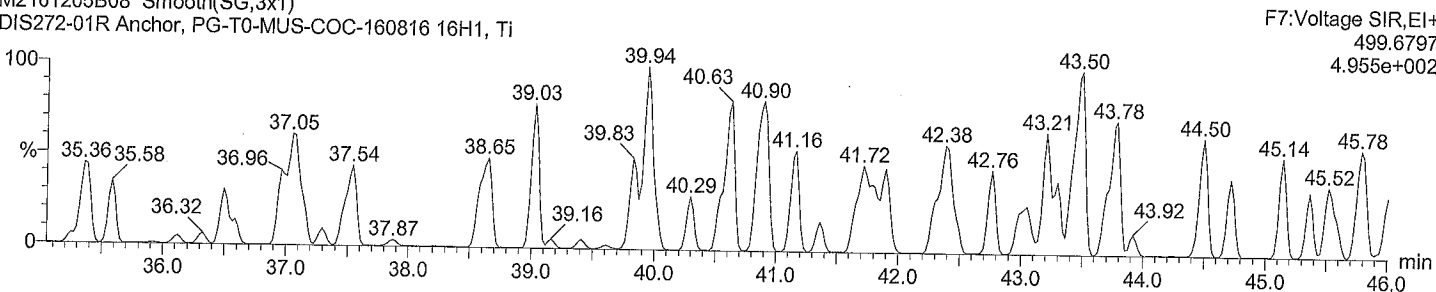
Total DeCB F7

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI



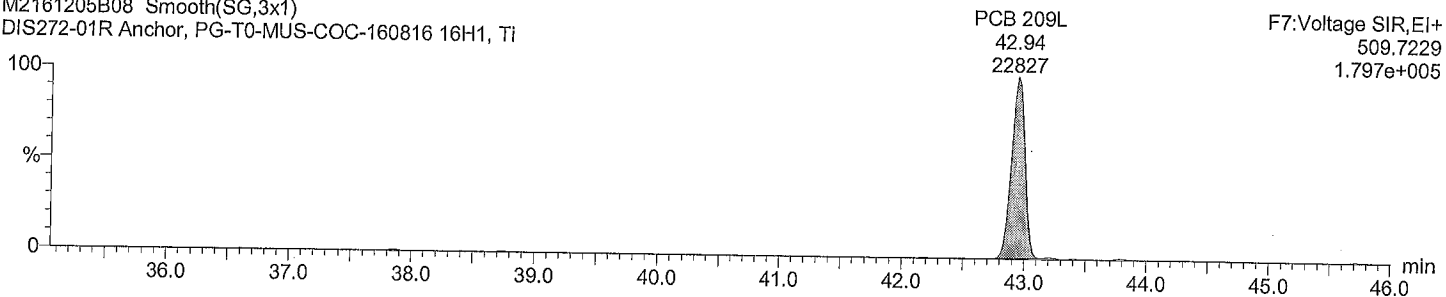
Total DeCB F7

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI



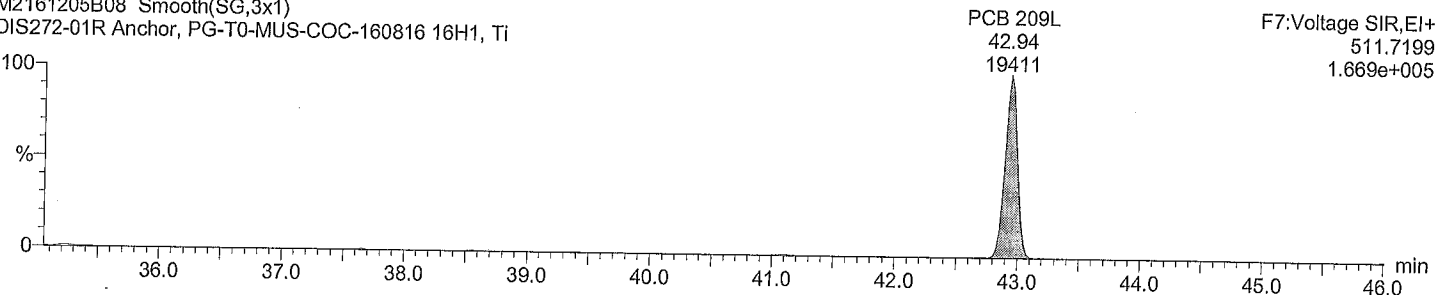
Total DeCB labeled F7

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI



Total DeCB labeled F7

M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 11:30:05 AM

Printed: Wednesday, December 07, 2016 11:31:14 AM

Description: DIS272-01R

Vial: 8

Date: 06-Dec-2016

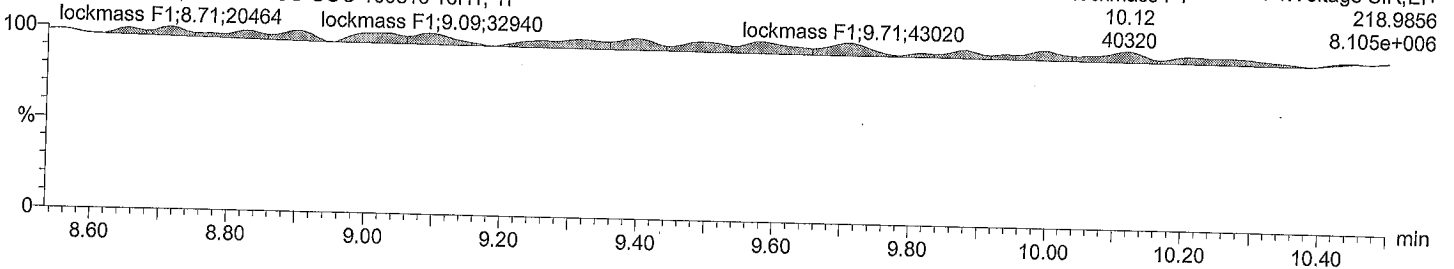
Time: 01:30:02

Instrument:

lockmass F1

M2161205B08 Smooth(SG,3x1)

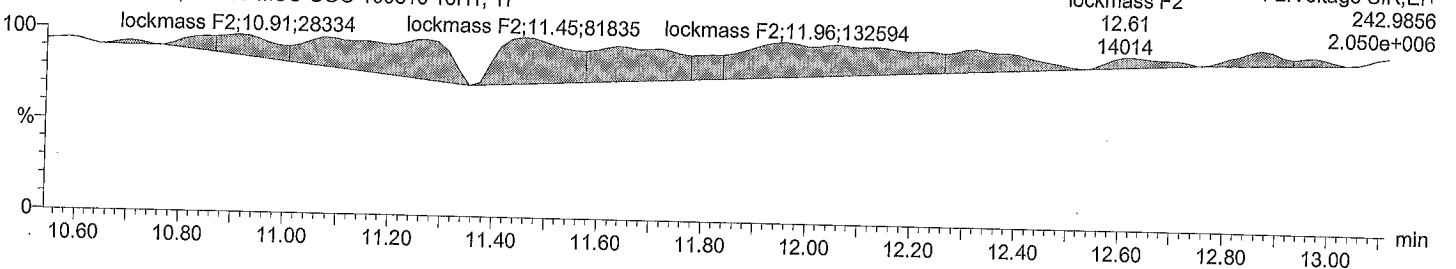
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



lockmass F2

M2161205B08 Smooth(SG,3x1)

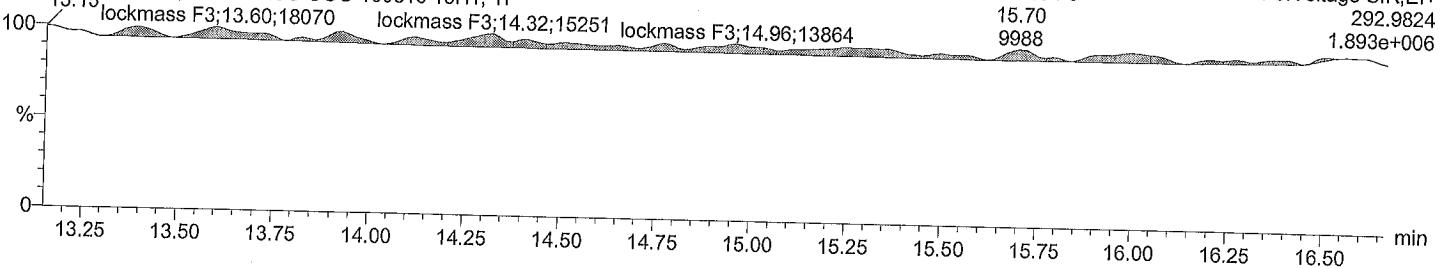
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



lockmass F3

M2161205B08 Smooth(SG,3x1)

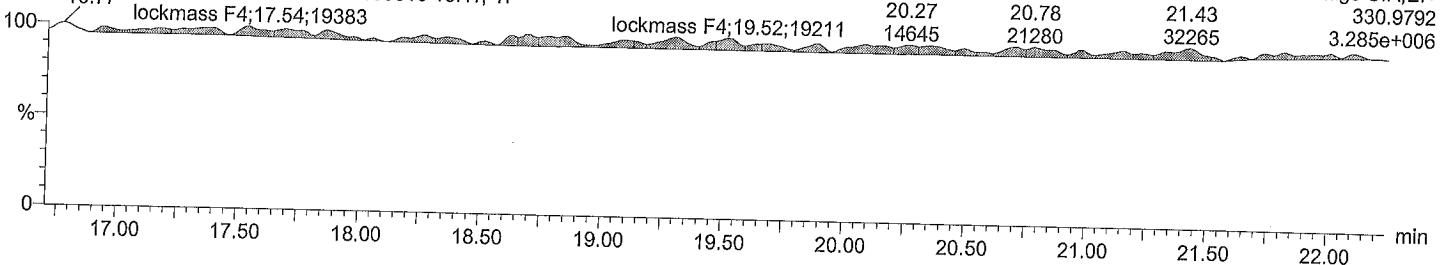
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



lockmass F4

M2161205B08 Smooth(SG,3x1)

DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 11:30:05 AM

Printed: Wednesday, December 07, 2016 11:31:14 AM

Description: DIS272-01R

Vial: 8

Date: 06-Dec-2016

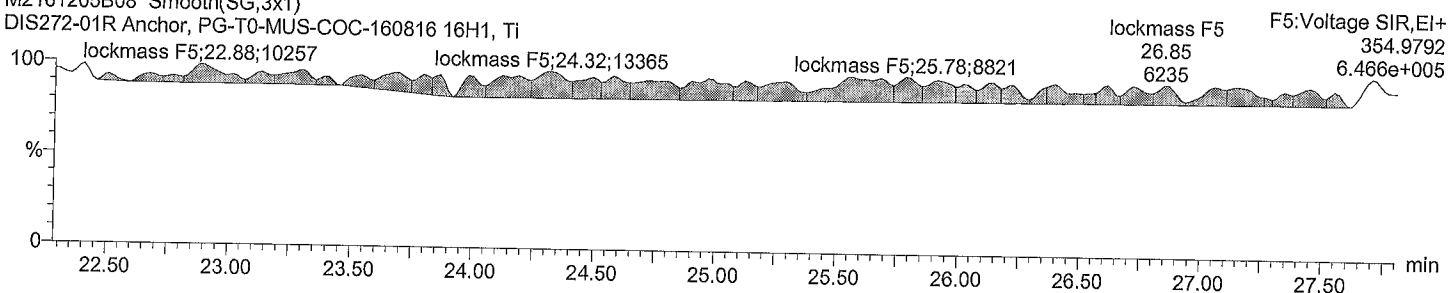
Time: 01:30:02

Instrument:

lockmass F5

M2161205B08 Smooth(SG,3x1)

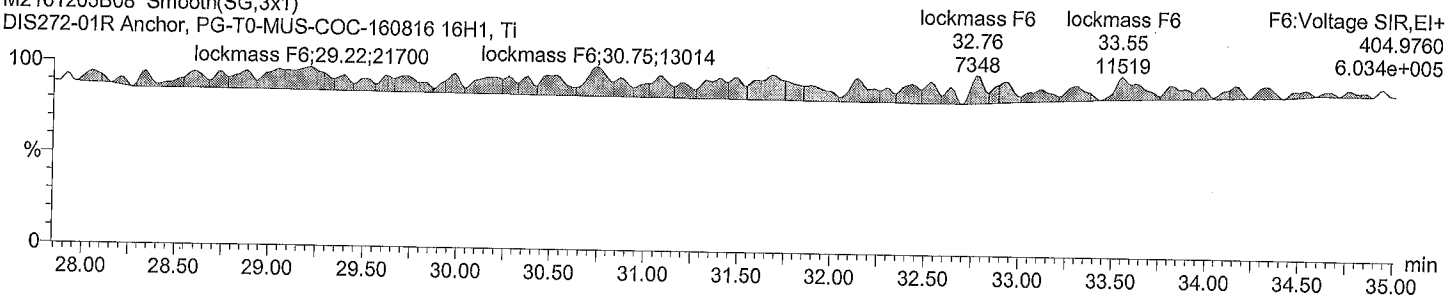
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



lockmass F6

M2161205B08 Smooth(SG,3x1)

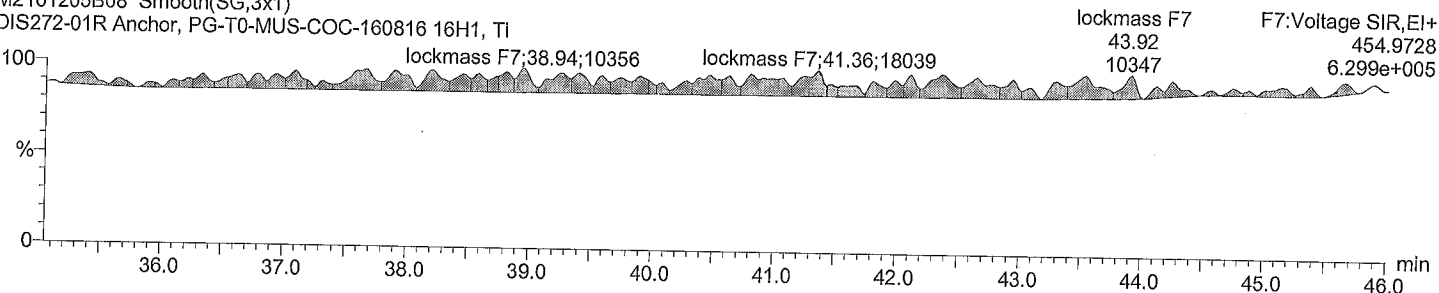
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



lockmass F7

M2161205B08 Smooth(SG,3x1)

DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Ti



PG-T0-MUS-COC-160829 16H0

| | | | | |
|-------------------------------|------------------------------|---------------------------|------------------|--------------------------|
| Lab Name | <u>Maxxam Analytics Inc.</u> | | Lab Sample ID: | <u>B6N4556-DIS273</u> |
| Method | <u>EPA 1668A m</u> | | Project Number: | <u>PORT GAMBLE</u> |
| Matrix: | <u>tissue</u> | | Project Name: | <u></u> |
| Sample wt/vol: | <u>10.32</u> | (g) <u>g (dry weight)</u> | Lab File ID: | <u>M2161205B09</u> |
| Level (low/med): | <u>low</u> | | Date Received: | <u>October 28, 2016</u> |
| % Moisture: | <u>Not applicable</u> | Decanted (Y/N): <u>N</u> | Date Extracted: | <u>November 28, 2016</u> |
| Concentrated Extract Volume: | <u>100</u> | (uL) | Lab Batch: | <u>4779396</u> |
| Injection Volume: | <u>1</u> | (uL) | Date Analyzed: | <u>December 6, 2016</u> |
| Acid/Base Wash Cleanup (Y/N): | <u>N</u> | pH <u>Not analyzed</u> | Calib. Ref.: | <u>November 29, 2016</u> |
| Silica Column Cleanup (Y/N): | <u>Y</u> | | Time Analyzed: | <u>02:20</u> |
| Alumina Column Cleanup (Y/N): | <u>N</u> | | Dilution Factor: | <u>1</u> |
| Carbon Column Cleanup (Y/N): | <u>N</u> | | | |
| GPC Column Cleanup (Y/N): | <u>N</u> | | | |

| CAS Number | Compound | Concentration (ng/g) | EDL (ng/g) | TE (ng/g) | REPORTING LIMIT (ng/g) |
|-----------------|--------------------------|----------------------|------------|--------------|------------------------|
| 2051-60-7 | 2-MonoCB-(1) | 0.0014 U | 0.0014 | | 0.0097 |
| 33146-45-1 | 2,6-DiCB-(10) | 0.021 U | 0.021 | | 0.0097 |
| 60145-21-3 | 22'45'6'-PentaCB-(103) | 0.0016 J | 0.0012 | | 0.0097 |
| 56558-16-8 | 22'466'-PentaCB-(104) | 0.00078 U | 0.00078 | | 0.0097 |
| 32598-14-4 | 233'44'-PentaCB-(105) | 0.0150 | 0.0013 | 0.000000450 | 0.0097 |
| 70424-69-0 | 233'45'-PentaCB-(106) | 0.00091 U | 0.00091 | | 0.0097 |
| 70424-68-9 | 233'4'5'-PentaCB-(107) | 0.00457 J | 0.00080 | | 0.0097 |
| 70362-41-3 | PentaCB-(108)+(124) | 0.00166 J | 0.00090 | | 0.019 |
| 2050-67-1 | 3,3'-DiCB-(11) | 0.0091 J | 0.0049 | | 0.0097 |
| 38380-03-9 | PentaCB-(110)+(115) | 0.0552 | 0.0013 | | 0.019 |
| 39635-32-0 | 233'55'-PentaCB-(111) | 0.0012 U | 0.0012 | | 0.0097 |
| 74472-36-9 | 233'56'-PentaCB-(112) | 0.0011 U | 0.0011 | | 0.0097 |
| 74472-37-0 | 2344'5'-PentaCB-(114) | 0.0012 U | 0.0012 | 0.0000000360 | 0.0097 |
| 31508-00-6 | 23'44'5'-PentaCB-(118) | 0.0468 | 0.0013 | 0.00000140 | 0.0097 |
| 2974-92-7..90-5 | DiCB-(12)+(13) | 0.0054 U | 0.0054 | | 0.019 |
| 68194-12-7 | 23'455'-PentaCB-(120) | 0.0011 U | 0.0011 | | 0.0097 |
| 56558-18-0 | 23'45'6'-PentaCB-(121) | 0.0011 U | 0.0011 | | 0.0097 |
| 76842-07-4 | 233'4'5'-PentaCB-(122) | 0.00094 U | 0.00094 | | 0.0097 |
| 65510-44-3 | 23'44'5'-PentaCB-(123) | 0.0014 U | 0.0014 | 0.0000000420 | 0.0097 |
| 57465-28-8 | 33'44'5'-PentaCB-(126) | 0.0013 U | 0.0013 | 0.000130 | 0.0097 |
| 39635-33-1 | 33'455'-PentaCB-(127) | 0.00084 U | 0.00084 | | 0.0097 |
| 38380-07-3 | HexaCB-(128)+(166) | 0.0104 J | 0.0039 | | 0.019 |
| 55215-18-4 | HexaCB-(129)+(138)+(163) | 0.107 | 0.0042 | | 0.029 |
| 52663-66-8 | 22'33'45'-HexaCB-(130) | 0.0061 J | 0.0047 | | 0.0097 |
| 61798-70-7 | 22'33'46'-HexaCB-(131) | 0.0051 U | 0.0051 | | 0.0097 |
| 38380-05-1 | 22'33'46'-HexaCB-(132) | 0.0170 | 0.0052 | | 0.0097 |
| 35694-04-3 | 22'33'55'-HexaCB-(133) | 0.0044 U | 0.0044 | | 0.0097 |
| 52704-70-8 | HexaCB-(134)+(143) | 0.0046 U | 0.0046 | | 0.019 |
| 52744-13-5 | HexaCB-(135)+(151) | 0.0386 | 0.0017 | | 0.019 |
| 38411-22-2 | 22'33'66'-HexaCB-(136) | 0.0094 J | 0.0011 | | 0.0097 |
| 35694-06-5 | 22'344'5'-HexaCB-(137) | 0.0048 U | 0.0048 | | 0.0097 |
| 56030-56-9 | HexaCB-(139)+(140) | 0.0041 U | 0.0041 | | 0.019 |
| 34883-41-5 | 3,5-DiCB-(14) | 0.0047 U | 0.0047 | | 0.0097 |
| 52712-04-6 | 22'3455'-HexaCB-(141) | 0.0042 U | 0.0042 | | 0.0097 |
| 41411-61-4 | 22'3456'-HexaCB-(142) | 0.0046 U | 0.0046 | | 0.0097 |
| 68194-14-9 | 22'345'6'-HexaCB-(144) | 0.0040 J | 0.0016 | | 0.0097 |
| 74472-40-5 | 22'3466'-HexaCB-(145) | 0.0013 U | 0.0013 | | 0.0097 |
| 51908-16-8 | 22'34'55'-HexaCB-(146) | 0.0255 | 0.0039 | | 0.0097 |
| 68194-13-8 | HexaCB-(147)+(149) | 0.0820 | 0.0041 | | 0.019 |
| 74472-41-6 | 22'34'56'-HexaCB-(148) | 0.0015 U | 0.0015 | | 0.0097 |
| 2050-68-2 | 4,4'-DiCB-(15) | 0.010 U | 0.010 | | 0.0097 |
| 68194-08-1 | 22'34'66'-HexaCB-(150) | 0.0012 U | 0.0012 | | 0.0097 |
| 68194-09-2 | 22'3566'-HexaCB-(152) | 0.0011 U | 0.0011 | | 0.0097 |
| 35065-27-1 | HexaCB-(153)+(168) | 0.136 | 0.0035 | | 0.0097 |
| 60145-22-4 | 22'44'56'-HexaCB-(154) | 0.0045 J | 0.0014 | | 0.0097 |
| 33979-03-2 | 22'44'66'-HexaCB-(155) | 0.00070 U | 0.00070 | | 0.0097 |
| 38380-08-4 | HexaCB-(156)+(157) | 0.0033 U | 0.0033 | 0.0000000990 | 0.019 |
| 74472-42-7 | 233'44'6'-HexaCB-(158) | 0.0065 J | 0.0032 | | 0.0097 |

PG-T0-MUS-COC-160829 16H0

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|-------------------------------|-----------------------|-----------------|------------------|-------------------|
| Lab Name | Maxxam Analytics Inc. | | Lab Sample ID: | B6N4556-DIS273 |
| Method | EPA 1668A m | | Project Number: | PORT GAMBLE |
| Matrix: | tissue | | Project Name: | |
| Sample wt/vol: | 10.32 | (g) | Lab File ID: | M2161205B09 |
| Level (low/med): | low | | Date Received: | October 28, 2016 |
| % Moisture: | Not applicable | Decanted (Y/N): | Date Extracted: | November 28, 2016 |
| Concentrated Extract Volume: | 100 | (uL) | Lab Batch: | 4779396 |
| Injection Volume: | 1 | (uL) | Date Analyzed: | December 6, 2016 |
| Acid/Base Wash Cleanup (Y/N): | N | pH | Calib. Ref.: | November 29, 2016 |
| Silica Column Cleanup (Y/N): | Y | | Time Analyzed: | 02:20 |
| Alumina Column Cleanup (Y/N): | N | | Dilution Factor: | 1 |
| Carbon Column Cleanup (Y/N): | N | | | |
| GPC Column Cleanup (Y/N): | N | | | |

| CAS Number | Compound | Concentration (ng/g) | EDL (ng/g) | TE (ng/g) | REPORTING LIMIT (ng/g) |
|-----------------|----------------------------|----------------------|------------|--------------|------------------------|
| 39635-35-3 | 233'455'-HexaCB-(159) | 0.00077 U | 0.00077 | | 0.0097 |
| 38444-78-9 | 22'3-TriCB-(16) | 0.0033 U | 0.0033 | | 0.0097 |
| 41411-62-5 | 233'456'-HexaCB-(160) | 0.0040 U | 0.0040 | | 0.0097 |
| 74472-43-8 | 233'456'-HexaCB-(161) | 0.0032 U | 0.0032 | | 0.0097 |
| 39635-34-2 | 233'455'-HexaCB-(162) | 0.00087 U | 0.00087 | | 0.0097 |
| 74472-45-0 | 233'456'-HexaCB-(164) | 0.0035 U | 0.0035 | | 0.0097 |
| 74472-46-1 | 233'556'-HexaCB-(165) | 0.0037 U | 0.0037 | | 0.0097 |
| 52663-72-6 | 23'44'55'-HexaCB-(167) | 0.0024 J | 0.0012 | 0.0000000720 | 0.0097 |
| 32774-16-6 | 33'44'55'-HexaCB-(169) | 0.0012 U | 0.0012 | 0.0000360 | 0.0097 |
| 37680-66-3 | 22'4-TriCB-(17) | 0.0030 U | 0.0030 | | 0.0097 |
| 35065-30-6 | 22'33'44'5-HeptaCB-(170) | 0.0013 U | 0.0013 | | 0.0097 |
| 52663-71-5 | HeptaCB-(171)+(173) | 0.0036 J | 0.0018 | | 0.019 |
| 52663-74-8 | 22'33'455'-HeptaCB-(172) | 0.0018 U | 0.0018 | | 0.0097 |
| 38411-25-5 | 22'33'456'-HeptaCB-(174) | 0.0018 U | 0.0018 | | 0.0097 |
| 40186-70-7 | 22'33'456'-HeptaCB-(175) | 0.0013 U | 0.0013 | | 0.0097 |
| 52663-65-7 | 22'33'466'-HeptaCB-(176) | 0.0014 U | 0.0014 | | 0.0097 |
| 52663-70-4 | 22'33'456'-HeptaCB-(177) | 0.0075 U | 0.0075 | | 0.0097 |
| 52663-67-9 | 22'33'556'-HeptaCB-(178) | 0.0052 U | 0.0052 | | 0.0097 |
| 52663-64-6 | 22'33'566'-HeptaCB-(179) | 0.0065 U | 0.0065 | | 0.0097 |
| 37680-65-2 | TriCB-(18)+(30) | 0.0060 J | 0.0024 | | 0.019 |
| 35065-29-3 | HeptaCB-(180)+(193) | 0.0074 J | 0.0012 | | 0.019 |
| 74472-47-2 | 22'344'56'-HeptaCB-(181) | 0.0019 U | 0.0019 | | 0.0097 |
| 60145-23-5 | 22'344'56'-HeptaCB-(182) | 0.0014 U | 0.0014 | | 0.0097 |
| 52663-69-1 | 22'344'56'-HeptaCB-(183) | 0.0082 J | 0.0014 | | 0.0097 |
| 74472-48-3 | 22'344'66'-HeptaCB-(184) | 0.0010 U | 0.0010 | | 0.0097 |
| 52712-05-7 | 22'34556'-HeptaCB-(185) | 0.0021 U | 0.0021 | | 0.0097 |
| 74472-49-4 | 22'34566'-HeptaCB-(186) | 0.0011 U | 0.0011 | | 0.0097 |
| 52663-68-0 | 22'34'556'-HeptaCB-(187) | 0.0343 | 0.0014 | | 0.0097 |
| 74487-85-7 | 22'34'566'-HeptaCB-(188) | 0.00088 U | 0.00088 | | 0.0097 |
| 39635-31-9 | 233'44'55'-HeptaCB-(189) | 0.00089 U | 0.00089 | 0.0000000267 | 0.0097 |
| 38444-73-4 | 22'6-TriCB-(19) | 0.0018 U | 0.0018 | | 0.0097 |
| 41411-64-7 | 233'44'56'-HeptaCB-(190) | 0.0015 U | 0.0015 | | 0.0097 |
| 74472-50-7 | 233'44'56'-HeptaCB-(191) | 0.0014 U | 0.0014 | | 0.0097 |
| 74472-51-8 | 233'4556'-HeptaCB-(192) | 0.0016 U | 0.0016 | | 0.0097 |
| 35694-08-7 | 22'33'44'55'-OctaCB-(194) | 0.0022 U | 0.0022 | | 0.048 |
| 52663-78-2 | 22'33'44'56'-OctaCB-(195) | 0.0023 U | 0.0023 | | 0.048 |
| 42740-50-1 | 22'33'44'56'-OctaCB-(196) | 0.0053 U | 0.0053 | | 0.048 |
| 33091-17-7 | 22'33'44'66'-OctaCB-(197) | 0.0042 U | 0.0042 | | 0.048 |
| 68194-17-2 | OctaCB-(198)+(199) | 0.0055 U | 0.0055 | | 0.097 |
| 2051-61-8 | 3-MonoCB-(2) | 0.0011 U | 0.0011 | | 0.0097 |
| 38444-84-7 | TriCB-(20) + (28) | 0.0145 J | 0.00051 | | 0.019 |
| 52663-73-7 | 22'33'4566'-OctaCB-(200) | 0.0036 U | 0.0036 | | 0.048 |
| 40186-71-8 | 22'33'4566'-OctaCB-(201) | 0.0037 U | 0.0037 | | 0.048 |
| 2136-99-4 | 22'33'5566'-OctaCB-(202) | 0.0038 U | 0.0038 | | 0.048 |
| 52663-76-0 | 22'344'556'-OctaCB-(203) | 0.0057 U | 0.0057 | | 0.048 |
| 74472-52-9 | 22'344'566'-OctaCB-(204) | 0.0037 U | 0.0037 | | 0.048 |
| 74472-53-0 | 233'44'556'-OctaCB-(205) | 0.0011 U | 0.0011 | | 0.0097 |
| 40186-72-9 | 22'33'44'556'-NonaCB-(206) | 0.0027 U | 0.0027 | | 0.0097 |

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|-------------------------------|------------------------------|-----------------|------------------|--------------------------|
| Lab Name | <u>Maxxam Analytics Inc.</u> | | Lab Sample ID: | <u>B6N4556-DIS273</u> |
| Method | <u>EPA 1668A m</u> | | Project Number: | <u>PORT GAMBLE</u> |
| Matrix: | <u>tissue</u> | | Project Name: | <u></u> |
| Sample wt/vol: | <u>10.32</u> | (g) | Lab File ID: | <u>M2161205B09</u> |
| Level (low/med): | <u>low</u> | | Date Received: | <u>October 28, 2016</u> |
| % Moisture: | <u>Not applicable</u> | Decanted (Y/N): | Date Extracted: | <u>November 28, 2016</u> |
| Concentrated Extract Volume: | <u>100</u> | (uL) | Lab Batch: | <u>4779396</u> |
| Injection Volume: | <u>1</u> | (uL) | Date Analyzed: | <u>December 6, 2016</u> |
| Acid/Base Wash Cleanup (Y/N): | <u>N</u> | pH | Calib. Ref.: | <u>November 29, 2016</u> |
| Silica Column Cleanup (Y/N): | <u>Y</u> | | Time Analyzed: | <u>02:20</u> |
| Alumina Column Cleanup (Y/N): | <u>N</u> | | Dilution Factor: | <u>1</u> |
| Carbon Column Cleanup (Y/N): | <u>N</u> | | | |
| GPC Column Cleanup (Y/N): | <u>N</u> | | | |

| CAS Number | Compound | Concentration (ng/g) | EDL (ng/g) | TE (ng/g) | REPORTING LIMIT (ng/g) |
|-----------------|-----------------------------|----------------------|------------|-----------|------------------------|
| 52663-79-3 | 22'33'44'566'-NonaCB-(207) | 0.0022 U | 0.0022 | | 0.0097 |
| 52663-77-1 | 22'33'455'66'-NonaCB-(208) | 0.0027 U | 0.0027 | | 0.0097 |
| 2051-24-3 | DecaCB-(209) | 0.0042 U | 0.0042 | | 0.0097 |
| 55702-46-0 | TriCB-(21)+(33) | 0.00364 J | 0.00050 | | 0.019 |
| 38444-85-8 | 234'-TriCB-(22) | 0.00212 J | 0.00057 | | 0.0097 |
| 55720-44-0 | 235'-TriCB-(23) | 0.00054 U | 0.00054 | | 0.0097 |
| 55702-45-9 | 236'-TriCB-(24) | 0.0025 U | 0.0025 | | 0.0097 |
| 55712-37-3 | 234'-TriCB-(25) | 0.00116 J | 0.00048 | | 0.0097 |
| 38444-81-4 | TriCB-(26)+(29) | 0.00202 J | 0.00047 | | 0.019 |
| 38444-76-7 | 236'-TriCB-(27) | 0.0020 U | 0.0020 | | 0.0097 |
| 2051-62-9 | 4-MonoCB-(3) | 0.0014 U | 0.0014 | | 0.0097 |
| 16606-02-3 | 24'5'-TriCB-(31) | 0.00840 J | 0.00046 | | 0.0097 |
| 38444-77-8 | 24'6'-TriCB-(32) | 0.0019 U | 0.0019 | | 0.0097 |
| 37680-68-5 | 23'5'-TriCB-(34) | 0.00048 U | 0.00048 | | 0.0097 |
| 37680-69-6 | 33'4'-TriCB-(35) | 0.00050 U | 0.00050 | | 0.0097 |
| 38444-87-0 | 33'5'-TriCB-(36) | 0.00043 U | 0.00043 | | 0.0097 |
| 38444-90-5 | 344'-TriCB-(37) | 0.0021 J | 0.0010 | | 0.0097 |
| 53555-66-1 | 345'-TriCB-(38) | 0.00051 U | 0.00051 | | 0.0097 |
| 38444-88-1 | 34'5'-TriCB-(39) | 0.00052 U | 0.00052 | | 0.0097 |
| 13029-08-8 | 22'-DiCB-(4) | 0.017 U | 0.017 | | 0.0097 |
| 38444-93-8 | TetraCB-(40)+(41)+(71) | 0.0099 J | 0.0020 | | 0.029 |
| 36559-22-5 | 22'34'-TetraCB-(42) | 0.0054 J | 0.0022 | | 0.0097 |
| 70362-46-8 | 22'35'-TetraCB-(43) | 0.0030 U | 0.0030 | | 0.0097 |
| 41464-39-5 | TetraCB-(44)+(47)+(65) | 0.0307 | 0.0018 | | 0.029 |
| 70362-45-7 | TetraCB-(45)+(51) | 0.0019 U | 0.0019 | | 0.019 |
| 41464-47-5 | 22'36'-TetraCB-(46) | 0.0022 U | 0.0022 | | 0.0097 |
| 70362-47-9 | 22'45'-TetraCB-(48) | 0.0042 J | 0.0021 | | 0.0097 |
| 41464-47-5 | TetraCB-(49)+TetraCB-(69) | 0.0174 J | 0.0016 | | 0.019 |
| 16605-91-7 | 2,3-DiCB-(5) | 0.0060 U | 0.0060 | | 0.0097 |
| 62796-65-0 | TetraCB-(50)+(53) | 0.0055 J | 0.0018 | | 0.019 |
| 35693-99-3 | 22'55'-TetraCB-(52) | 0.0432 | 0.0018 | | 0.0097 |
| 15968-05-5 | 22'66'-TetraCB-(54) | 0.00049 U | 0.00049 | | 0.0097 |
| 74338-24-2 | 233'4'-TetraCB-(55) | 0.00069 U | 0.00069 | | 0.0097 |
| 41464-43-1 | 233'4'-TetraCB-(56) | 0.00376 J | 0.00070 | | 0.0097 |
| 70424-67-8 | 233'5'-TetraCB-(57) | 0.00059 U | 0.00059 | | 0.0097 |
| 41464-49-7 | 233'5'-TetraCB-(58) | 0.00066 U | 0.00066 | | 0.0097 |
| 74472-33-6 | TetraCB-(59)+(62)+(75) | 0.0027 J | 0.0015 | | 0.029 |
| 25569-80-6 | 2,3-DiCB-(6) | 0.0047 U | 0.0047 | | 0.0097 |
| 33025-41-1 | 2344'-TetraCB-(60) | 0.00281 J | 0.00071 | | 0.0097 |
| 33284-53-6 | TetraCB-(61)+(70)+(74)+(76) | 0.0297 J | 0.00064 | | 0.039 |
| 74472-34-7 | 234'5'-TetraCB-(63) | 0.00106 J | 0.00058 | | 0.0097 |
| 52663-58-8 | 234'6'-TetraCB-(64) | 0.0058 J | 0.0016 | | 0.0097 |
| 32598-10-0 | 23'44'-TetraCB-(66) | 0.0127 | 0.00057 | | 0.0097 |
| 73575-53-8 | 23'45'-TetraCB-(67) | 0.00055 U | 0.00055 | | 0.0097 |
| 73575-52-7 | 23'45'-TetraCB-(68) | 0.0010 U | 0.0010 | | 0.0097 |
| 33284-50-3 | 2,4-DiCB-(7) | 0.0053 U | 0.0053 | | 0.0097 |
| 41464-42-0 | 23'55'-TetraCB-(72) | 0.00085 J | 0.00058 | | 0.0097 |
| 74338-23-1 | 23'5'6'-TetraCB-(73) | 0.0014 U | 0.0014 | | 0.0097 |

PG-T0-MUS-COC-160829 16H0

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|-------------------------------|------------------------------|-----------------|------------------|--------------------------|
| Lab Name | <u>Maxxam Analytics Inc.</u> | | Lab Sample ID: | <u>B6N4556-DIS273</u> |
| Method | <u>EPA 1668A m</u> | | Project Number: | <u>PORT GAMBLE</u> |
| Matrix: | <u>tissue</u> | | Project Name: | <u></u> |
| Sample wt/vol: | <u>10.32</u> | (g) | Lab File ID: | <u>M2161205B09</u> |
| Level (low/med): | <u>low</u> | | Date Received: | <u>October 28, 2016</u> |
| % Moisture: | <u>Not applicable</u> | Decanted (Y/N): | Date Extracted: | <u>November 28, 2016</u> |
| Concentrated Extract Volume: | <u>100</u> | (uL) | Lab Batch: | <u>4779396</u> |
| Injection Volume: | <u>1</u> | (uL) | Date Analyzed: | <u>December 6, 2016</u> |
| Acid/Base Wash Cleanup (Y/N): | <u>N</u> | | Calib. Ref.: | <u>November 29, 2016</u> |
| Silica Column Cleanup (Y/N): | <u>Y</u> | | Time Analyzed: | <u>02:20</u> |
| Alumina Column Cleanup (Y/N): | <u>N</u> | | Dilution Factor: | <u>1</u> |
| Carbon Column Cleanup (Y/N): | <u>N</u> | | | |
| GPC Column Cleanup (Y/N): | <u>N</u> | | | |
| | | pH | | <u>Not analyzed</u> |

| CAS Number | Compound | Concentration (ng/g) | EDL (ng/g) | TE (ng/g) | REPORTING LIMIT (ng/g) |
|-----------------|-------------------------------------|----------------------|-------------------------|------------|------------------------|
| 32598-13-3 | 33'44'-TetraCB-(77) | 0.00166 J | 0.00096 | 0.00000166 | 0.0097 |
| 70362-49-1 | 33'45'-TetraCB-(78) | 0.00063 U | 0.00063 | | 0.0097 |
| 41464-48-6 | 33'45'-TetraCB-(79) | 0.00056 U | 0.00056 | | 0.0097 |
| 34883-43-7 | 2,4'-DiCB-(8) | 0.0044 U | 0.0044 | | 0.0097 |
| 33284-52-5 | 33'55'-TetraCB-(80) | 0.00054 U | 0.00054 | | 0.0097 |
| 70362-50-4 | 344'5'-TetraCB-(81) | 0.0010 U | 0.0010 | 0.00000300 | 0.0097 |
| 52663-62-4 | 22'33'4'-PentaCB-(82) | 0.0042 J | 0.0017 | | 0.0097 |
| 60145-20-2 | PentaCB-(83)+(99) | 0.0667 | 0.0016 | | 0.019 |
| 52663-60-2 | 22'33'6'-PentaCB-(84) | 0.0090 U | 0.0090 | | 0.0097 |
| 65510-45-4 | PentaCB-(85)+(116)+(117) | 0.0106 J | 0.0012 | | 0.029 |
| 55312-69-1 | PentaCB-(86)(87)(97)(109)(119)(125) | 0.0315 J | 0.0013 | | 0.058 |
| 55215-17-3 | PentaCB-(88)+(91) | 0.0053 J | 0.0015 | | 0.019 |
| 73575-57-2 | 22'346'-PentaCB-(89) | 0.0015 U | 0.0015 | | 0.0097 |
| 34883-39-1 | 2,5-DiCB-(9) | 0.0046 U | 0.0046 | | 0.0097 |
| 68194-07-0 | PentaCB-(90)+(101)+(113) | 0.0782 | 0.0013 | | 0.029 |
| 52663-61-3 | 22'355'-PentaCB-(92) | 0.0158 | 0.0014 | | 0.0097 |
| 73575-56-1 | PentaCB-(93)+(98)+(100)+(102) | 0.0036 J | 0.0015 | | 0.039 |
| 73575-55-0 | 22'356'-PentaCB-(94) | 0.0017 U | 0.0017 | | 0.0097 |
| 38379-99-6 | 22'35'6'-PentaCB-(95) | 0.0431 | 0.0013 | | 0.0097 |
| 73575-54-9 | 22'366'-PentaCB-(96) | 0.0014 U | 0.0014 | | 0.0097 |
| CAS Number | Compound | Concentration (ng/g) | # of peaks | | |
| 1336-36-3 | Total PCB | 1.11 | | | |
| NA | Total TEQ | 0.000169 | | | |
| CAS Number | Surrogate | Recovery (%) | Acceptance Criteria (%) | | |
| | C13-2-MonoCB-(1) | 45 | 15 - 140 | | |
| | C13-22'466'-PentaCB-(104) | 93 | 30 - 140 | | |
| | C13-233'44'-PentaCB-(105) | 84 | 30 - 140 | | |
| | C13-233'55'-PentaCB-(111) | 93 | 40 - 125 | | |
| | C13-2344'5'-PentaCB-(114) | 85 | 30 - 140 | | |
| | C13-23'44'5'-PentaCB-(118) | 86 | 30 - 140 | | |
| | C13-2'344'5'-PentaCB-(123) | 86 | 30 - 140 | | |
| | C13-33'44'5'-PentaCB-(126) | 65 | 30 - 140 | | |
| | C13-44'-DiCB-(15) | 81 | 30 - 140 | | |
| | C13-22'44'66'-HexaCB-(155) | 119 | 30 - 140 | | |
| | C13-HexaCB-(156)+(157) | 75 | 30 - 140 | | |
| | C13-23'44'55'-HexaCB-(167) | 77 | 30 - 140 | | |
| | C13-33'44'55'-HexaCB-(169) | 37 | 30 - 140 | | |
| | C13-22'33'44'5'-HeptaCB-(170) | 127 | 30 - 140 | | |
| | C13-22'33'55'6'-HeptaCB-(178) | 102 | 40 - 125 | | |
| | C13-22'344'55'-HeptaCB-(180) | 139 | 30 - 140 | | |
| | C13-22'34'566'-HeptaCB-(188) | 106 | 30 - 140 | | |
| | C13-233'44'55'-HeptaCB-(189) | 118 | 30 - 140 | | |
| | C13-22'6'-TriCB-(19) | 73 | 30 - 140 | | |
| | C13-22'33'55'66'-OctaCB-(202) | 85 | 30 - 140 | | |
| | C13-233'44'55'6'-OctaCB-(205) | 88 | 30 - 140 | | |
| | C13-22'33'44'55'6'-NonaCB-(206) | 85 | 30 - 140 | | |

PG-T0-MUS-COC-160829 16H0

| | | | | |
|-------------------------------|------------------------------|-----------------|------------------|--------------------------|
| Lab Name | <u>Maxxam Analytics Inc.</u> | | Lab Sample ID: | <u>B6N4556-DIS273</u> |
| Method | <u>EPA 1668A m</u> | | Project Number: | <u>PORT GAMBLE</u> |
| Matrix: | <u>tissue</u> | | Project Name: | <u></u> |
| Sample wt/vol: | <u>10.32</u> | (g) | Lab File ID: | <u>M2161205B09</u> |
| Level (low/med): | <u>low</u> | | Date Received: | <u>October 28, 2016</u> |
| % Moisture: | <u>Not applicable</u> | Decanted (Y/N): | Date Extracted: | <u>November 28, 2016</u> |
| Concentrated Extract Volume: | <u>100</u> | (uL) | Lab Batch: | <u>4779396</u> |
| Injection Volume: | <u>1</u> | (uL) | Date Analyzed: | <u>December 6, 2016</u> |
| Acid/Base Wash Cleanup (Y/N): | <u>N</u> | | Calib. Ref.: | <u>November 29, 2016</u> |
| Silica Column Cleanup (Y/N): | <u>Y</u> | | Time Analyzed: | <u>02:20</u> |
| Alumina Column Cleanup (Y/N): | <u>N</u> | | Dilution Factor: | <u>1</u> |
| Carbon Column Cleanup (Y/N): | <u>N</u> | | | |
| GPC Column Cleanup (Y/N): | <u>N</u> | | | |
| | | pH | | <u>Not analyzed</u> |

| CAS Number | Compound | Concentration (%) | EDL (%) | TE (%) | REPORTING LIMIT (%) |
|-------------|--------------------------------|-------------------|-------------------------|--------|---------------------|
| CAS Number | Surrogate | Recovery (%) | Acceptance Criteria (%) | | |
| | C13-22'33'455'66'-NonaCB-(208) | 114 | 30 - 140 | | |
| 105600-27-9 | C13-DecaCB-(209) | 78 | 30 - 140 | | |
| | C13-2,44'-TriCB-(28) | 95 | 40 - 125 | | |
| | C13-4-MonoCB-(3) | 52 | 15 - 140 | | |
| | C13-344'-TriCB-(37) | 85 | 30 - 140 | | |
| | C13-22'-DiCB-(4) | 60 | 30 - 140 | | |
| | C13-22'66'-TetraCB-(54) | 93 | 30 - 140 | | |
| | C13-33'44'-TetraCB-(77) | 82 | 30 - 140 | | |
| | C13-344'5-TetraCB-(81) | 84 | 30 - 140 | | |

* Final Data *

Filename M2161205B09
Acquired 12/06/2016 2:20

Call File m2161205B_209

Sample ID DIS273-01R
Comments

Instrument File Ultima 3
Sample Size 10.32

Dil Fac 1.00

From 5X Dilution

| Name | mass | RT | Area | ratio | Tot Area | ng/g | Code | Isomers | DL | S/N | Mod | rf | Rec |
|--------------|-----------|--------|-------|-------|----------|----------|------|---------|----------|-----|-----|-------|-----|
| 1 PCB 1 | 188 | NotFnd | * | * | * | -0.0014 | | | -0.0014 | * | no | 1.296 | - |
| | MoCB 190 | 8.83 | * | no | | | | | | * | | | |
| 2 PCB 2 | 188 | NotFnd | * | * | * | -0.00107 | | | -0.00107 | * | no | 1.697 | - |
| | MoCB 190 | 9.94 | * | no | | | | | | * | | | |
| 3 PCB 3 | 188 | NotFnd | * | * | * | -0.00142 | | | -0.00142 | * | no | 1.276 | - |
| | MoCB 190 | 10.02 | * | no | | | | | | * | | | |
| 4 PCB 4 | 222 | NotFnd | * | * | * | -0.01733 | | | -0.01733 | * | no | 1.186 | - |
| | DICB 224 | 10.13 | * | no | | | | | | * | | | |
| 5 PCB 10 | 222 | NotFnd | * | * | * | -0.02051 | | | -0.02051 | * | no | 1.002 | - |
| | DICB 224 | 10.22 | * | no | | | | | | * | | | |
| 6 PCB 9 | 222 | NotFnd | * | * | * | -0.00461 | | | -0.00461 | * | no | 2.318 | - |
| | DICB 224 | 11.02 | * | no | | | | | | * | | | |
| 7 PCB 7 | 222 | NotFnd | * | * | * | -0.0053 | | | -0.0053 | * | no | 2.015 | - |
| | DICB 224 | 11.10 | * | no | | | | | | * | | | |
| 8 PCB 6 | 222 | NotFnd | * | * | * | -0.00469 | | | -0.00469 | * | no | 2.278 | - |
| | DICB 224 | 11.20 | * | no | | | | | | * | | | |
| 9 PCB 5 | 222 | NotFnd | * | * | * | -0.00599 | | | -0.00599 | * | no | 1.783 | - |
| | DICB 224 | 11.32 | * | no | | | | | | * | | | |
| 10 PCB 8 | 222 | NotFnd | * | * | * | -0.00442 | | | -0.00442 | * | no | 2.416 | - |
| | DICB 224 | 11.38 | * | no | | | | | | * | | | |
| 11 PCB 14 | 222 | NotFnd | * | * | * | -0.00467 | | | -0.00467 | * | no | 2.288 | - |
| | DICB 224 | 12.08 | * | no | | | | | | * | | | |
| 12 PCB 11 | 222 | 12.44 | 14563 | 1.54 | 24000 | 0.009125 | | | -0.00491 | 90 | no | 2.176 | - |
| | DICB 224 | 12.45 | 9437 | yes | | | | | | 4 | | | |
| 13 PCB 13/12 | 222 | NotFnd | * | * | * | -0.0054 | | | -0.0054 | * | no | 1.978 | - |
| | DICB 224 | 12.59 | * | no | | | | | | * | | | |
| 14 PCB 15 | 222 | NotFnd | * | * | * | -0.01026 | | | -0.01026 | * | no | 1.042 | - |
| | DICB 224 | 12.73 | * | no | | | | | | * | | | |
| 15 PCB 19 | 256 | NotFnd | * | * | * | -0.00177 | | | -0.00177 | * | no | 1.156 | - |
| | TriCB 258 | 11.49 | * | no | | | | | | * | | | |
| 16 PCB 30/18 | 256 | 12.30 | 3216 | 0.94 | 6641 | 0.005954 | | | -0.00236 | 31 | no | 0.864 | - |
| | TriCB 258 | 12.30 | 3425 | yes | | | | | | 34 | | | |
| 17 PCB 17 | 256 | NotFnd | * | * | * | -0.00295 | | | -0.00295 | * | no | 0.691 | - |
| | TriCB 258 | 12.48 | * | no | | | | | | * | | | |
| 18 PCB 27 | 256 | NotFnd | * | * | * | -0.00203 | | | -0.00203 | * | no | 1.006 | - |
| | TriCB 258 | 12.60 | * | no | | | | | | * | | | |
| 19 PCB 24 | 256 | NotFnd | * | * | * | -0.00254 | | | -0.00254 | * | no | 0.802 | - |
| | TriCB 258 | 12.65 | * | no | | | | | | * | | | |
| 20 PCB 16 | 256 | NotFnd | * | * | * | -0.00332 | | | -0.00332 | * | no | 0.614 | - |
| | TriCB 258 | 12.71 | * | no | | | | | | * | | | |
| 21 PCB 32 | 256 | NotFnd | * | * | * | -0.00186 | | | -0.00186 | * | no | 1.1 | - |
| | TriCB 258 | 12.93 | * | no | | | | | | * | | | |
| 22 PCB 34 | 256 | NotFnd | * | * | * | -0.00048 | | | -0.00048 | * | no | 2.11 | - |
| | TriCB 258 | 13.52 | * | no | | | | | | * | | | |
| 23 PCB 23 | 256 | NotFnd | * | * | * | -0.00054 | | | -0.00054 | * | no | 1.864 | - |
| | TriCB 258 | 13.61 | * | no | | | | | | * | | | |
| 24 PCB 26/29 | 256 | 13.74 | 2708 | 0.95 | 5553 | 0.00202 | | | -0.00047 | 14 | no | 2.13 | - |
| | TriCB 258 | 13.76 | 2845 | yes | | | | | | 16 | | | |
| 25 PCB 25 | 256 | 13.86 | 1554 | 0.98 | 3139 | 0.001156 | | | -0.00048 | 8 | no | 2.103 | - |
| | TriCB 258 | 13.84 | 1585 | yes | | | | | | 8 | | | |
| 26 PCB 31 | 256 | 14.01 | 11370 | 0.91 | 23885 | 0.008401 | | | -0.00046 | 64 | no | 2.202 | - |
| | TriCB 258 | 14.00 | 12515 | yes | | | | | | 71 | | | |
| 27 PCB 28/20 | 256 | 14.17 | 18710 | 1.03 | 36836 | 0.014478 | | | -0.00051 | 105 | no | 1.971 | - |
| | TriCB 258 | 14.16 | 16126 | yes | | | | | | 100 | | | |
| 28 PCB 21/33 | 256 | 14.29 | 5039 | 1.15 | 9427 | 0.003637 | | | -0.0005 | 27 | no | 2.008 | - |
| | TriCB 258 | 14.26 | 4387 | yes | | | | | | 26 | | | |
| 29 PCB 22 | 256 | 14.49 | 2415 | 1.01 | 4807 | 0.002117 | | | -0.00057 | 12 | no | 1.758 | - |
| | TriCB 258 | 14.46 | 2392 | yes | | | | | | 13 | | | |
| 30 PCB 36 | 256 | NotFnd | * | * | * | -0.00043 | | | -0.00043 | * | no | 2.334 | - |
| | TriCB 258 | 15.29 | * | no | | | | | | * | | | |
| 31 PCB 39 | 256 | NotFnd | * | * | * | -0.00052 | | | -0.00052 | * | no | 1.922 | - |
| | TriCB 258 | 15.51 | * | no | | | | | | * | | | |
| 32 PCB 38 | 256 | NotFnd | * | * | * | -0.00051 | | | -0.00051 | * | no | 1.971 | - |
| | TriCB 258 | 15.86 | * | no | | | | | | * | | | |
| 33 PCB 35 | 256 | NotFnd | * | * | * | -0.0005 | | | -0.0005 | * | no | 2.017 | - |
| | TriCB 258 | 16.13 | * | no | | | | | | * | | | |
| 34 PCB 37 | 256 | 16.37 | 2069 | 1.03 | 4077 | 0.002075 | | | -0.00102 | 9 | no | 0.985 | - |
| | TriCB 258 | 16.37 | 2008 | yes | | | | | | 11 | | | |
| 35 PCB 54 | 290 | NotFnd | * | * | * | -0.00049 | | | -0.00049 | * | no | 1.02 | - |
| | TCB 292 | 12.88 | * | no | | | | | | * | | | |
| 36 PCB 53/50 | 290 | 13.88 | 2199 | 0.69 | 5366 | 0.005506 | | | -0.00184 | 11 | no | 0.872 | - |
| | TCB 292 | 13.89 | 3167 | yes | | | | | | 13 | | | |
| 37 PCB 45/51 | 290 | 14.22 | 589 | 0.66 | 1484 | -0.00194 | | | -0.00194 | * | yes | 0.826 | - |
| | TCB 292 | 14.24 | 895 | no | | | | | | * | | | |
| 38 PCB 46 | 290 | 14.37 | 467 | 0.81 | 1046 | -0.00221 | | | -0.00221 | * | yes | 0.727 | - |
| | TCB 292 | 14.39 | 578 | no | | | | | | * | | | |
| 39 PCB 52 | 290 | 15.10 | 19384 | 0.8 | 43683 | 0.043175 | | | -0.00177 | 96 | no | 0.905 | - |
| | TCB 292 | 15.10 | 24299 | yes | | | | | | 93 | | | |
| 40 PCB 73 | 290 | NotFnd | * | * | * | -0.00144 | | | -0.00144 | * | no | 1.116 | - |
| | TCB 292 | 15.18 | * | no | | | | | | * | | | |
| 41 PCB 43 | 290 | NotFnd | * | * | * | -0.00299 | | | -0.00299 | * | no | 0.537 | - |
| | TCB 292 | 15.25 | * | no | | | | | | * | | | |
| 42 PCB 69/49 | 290 | 15.37 | 7738 | 0.69 | 18984 | 0.017393 | | | -0.00164 | 36 | no | 0.976 | - |
| | TCB 292 | 15.37 | 11246 | yes | | | | | | 43 | | | |

| | | | | | | | | | | | | |
|------------------------------|----------|--------|----------|------|----------|----------|----------|-----|-----|-------|---|--|
| 43 PCB 48 | 290 | 15.55 | 1578 | 0.78 | 3609 | 0.004218 | | | | | | |
| | TCB 292 | 15.55 | 2031 | yes | | | -0.0021 | 8 | no | 0.765 | - | |
| 44 PCB 44/47/65 | 290 | 15.68 | 12780 | 0.73 | 30252 | 0.030661 | | | | | | |
| | TCB 292 | 15.70 | 17471 | yes | | | -0.00182 | 46 | no | 0.883 | - | |
| 45 PCB 59/62/75 | 290 | 15.87 | 1565 | 0.87 | 3356 | 0.002716 | | | | | | |
| | TCB 292 | 15.87 | 1791 | yes | | | -0.00145 | 6 | no | 1.105 | - | |
| 46 PCB 42 | 290 | 15.98 | 1924 | 0.81 | 4306 | 0.005372 | | | | | | |
| | TCB 292 | 15.98 | 2382 | yes | | | -0.00224 | 6 | no | 0.717 | - | |
| 47 PCB 40/41/71 | 290 | 16.27 | 3796 | 0.74 | 8901 | 0.009921 | | | | | | |
| | TCB 292 | 16.27 | 5106 | yes | | | -0.002 | 17 | no | 0.803 | - | |
| 48 PCB 64 | 290 | 16.41 | 2720 | 0.69 | 6679 | 0.005778 | | | | | | |
| | TCB 292 | 16.41 | 3958 | yes | | | -0.00155 | 13 | no | 1.034 | - | |
| 49 PCB 72 | 290 | 16.88 | 873 | 0.84 | 1908 | 0.000845 | | | | | | |
| | TCB 292 | 16.89 | 1035 | yes | | | -0.00058 | 5 | yes | 2.019 | - | |
| 50 PCB 68 | 290 | 17.06 | -953 | 0.77 | -2190.66 | -0.00103 | | | | | | |
| | TCB 292 | 17.06 | -1237.66 | OK | | | -0.00062 | 5 | xL | 1.893 | - | |
| 51 PCB 57 | 290 | NotFnd | * | * | * | -0.00059 | | | | | | |
| | TCB 292 | 17.35 | * | no | | | -0.00059 | * | no | 1.963 | - | |
| 52 PCB 58 | 290 | NotFnd | * | * | * | -0.00066 | | | | | | |
| | TCB 292 | 17.50 | * | no | | | -0.00066 | * | no | 1.762 | - | |
| 53 PCB 67 | 290 | 17.61 | 501 | 0.77 | 1154 | -0.00055 | | | | | | |
| | TCB 292 | 17.61 | 653 | no | | | -0.00055 | * | yes | 2.107 | - | |
| 54 PCB 63 | 290 | 17.78 | 1067 | 0.81 | 2392 | 0.00106 | | | | | | |
| | TCB 292 | 17.77 | 1325 | yes | | | -0.00058 | 5 | no | 2.019 | - | |
| 55 PCB 61/70/74/76 | 290 | 18.00 | 25887 | 0.75 | 60286 | 0.02969 | | | | | | |
| | TCB 292 | 18.00 | 34399 | yes | | | -0.00064 | 38 | no | 1.816 | - | |
| 56 PCB 66 | 290 | 18.22 | 12387 | 0.75 | 28869 | 0.012742 | | | | | | |
| | TCB 292 | 18.21 | 16482 | yes | | | -0.00057 | 57 | no | 2.026 | - | |
| 57 PCB 55 | 290 | NotFnd | * | * | * | -0.00069 | | | | | | |
| | TCB 292 | 18.34 | * | no | | | -0.00069 | * | no | 1.69 | - | |
| 58 PCB 56 | 290 | 18.68 | 3104 | 0.81 | 6945 | 0.003756 | | | | | | |
| | TCB 292 | 18.68 | 3841 | yes | | | -0.0007 | 15 | no | 1.654 | - | |
| 59 PCB 60 | 290 | 18.85 | 2097 | 0.68 | 5181 | 0.002809 | | | | | | |
| | TCB 292 | 18.84 | 3083 | yes | | | -0.00071 | 10 | no | 1.65 | - | |
| 60 PCB 80 | 290 | NotFnd | * | * | * | -0.00054 | | | | | | |
| | TCB 292 | 19.09 | * | no | | | -0.00054 | * | no | 2.158 | - | |
| 61 PCB 79 | 290 | NotFnd | * | * | * | -0.00056 | | | | | | |
| | TCB 292 | 20.23 | * | no | | | -0.00056 | * | no | 2.095 | - | |
| 62 PCB 78 | 290 | NotFnd | * | * | * | -0.00063 | | | | | | |
| | TCB 292 | 20.67 | * | no | | | -0.00063 | * | no | 1.857 | - | |
| 63 PCB 81 | 290 | NotFnd | * | * | * | -0.001 | | | | | | |
| | TCB 292 | 20.98 | * | no | | | -0.001 | * | no | 1.167 | - | |
| 64 PCB 77 | 290 | 21.43 | 1090 | 0.69 | 2668 | 0.001664 | | | | | | |
| | TCB 292 | 21.43 | 1578 | yes | | | -0.00096 | 5 | no | 1.216 | - | |
| 65 PCB 104 | 326 | NotFnd | * | * | * | -0.00078 | | | | | | |
| | PeCB 328 | 15.65 | * | no | | | -0.00078 | * | no | 1.188 | - | |
| 66 PCB 96 | 326 | NotFnd | * | * | * | -0.00135 | | | | | | |
| | PeCB 328 | 15.87 | * | no | | | -0.00135 | * | no | 0.682 | - | |
| 67 PCB 103 | 326 | 17.01 | 844 | 1.49 | 1409 | 0.001569 | | | | | | |
| | PeCB 328 | 17.01 | 586 | yes | | | -0.00122 | 4 | yes | 0.759 | - | |
| 68 PCB 94 | 326 | NotFnd | * | * | * | -0.00166 | | | | | | |
| | PeCB 328 | 17.15 | * | no | | | -0.00166 | * | no | 0.555 | - | |
| 69 PCB 95 | 326 | 17.42 | 21468 | 1.59 | 35016 | 0.04306 | | | | | | |
| | PeCB 328 | 17.44 | 13548 | yes | | | -0.00134 | 99 | no | 0.687 | - | |
| 70 PCB 100/93/102/98 | 326 | 17.66 | 1695 | 1.74 | 2669 | 0.003619 | | | | | | |
| | PeCB 328 | 17.59 | 974 | yes | | | -0.00148 | 5 | no | 0.623 | - | |
| 71 PCB 88/91 | 326 | 18.00 | 2348 | 1.46 | 3952 | 0.005324 | | | | | | |
| | PeCB 328 | 17.98 | 1604 | yes | | | -0.00147 | 12 | no | 0.627 | - | |
| 72 PCB 84 | 326 | 18.15 | -3552 | 1.55 | -5843.61 | -0.00897 | | | | | | |
| | PeCB 328 | 18.15 | -2291.61 | OK | | | -0.00168 | 16 | xL | 0.548 | - | |
| 73 PCB 89 | 326 | NotFnd | * | * | * | -0.00153 | | | | | | |
| | PeCB 328 | 18.48 | * | no | | | -0.00153 | * | no | 0.604 | - | |
| 74 PCB 121 | 326 | NotFnd | * | * | * | -0.00114 | | | | | | |
| | PeCB 328 | 18.73 | * | no | | | -0.00114 | * | no | 0.81 | - | |
| 75 PCB 92 | 326 | 18.99 | 7187 | 1.5 | 11978 | 0.015829 | | | | | | |
| | PeCB 328 | 18.99 | 4791 | yes | | | -0.00144 | 32 | no | 0.639 | - | |
| 76 PCB 113/90/101 | 326 | 19.42 | 40675 | 1.59 | 66340 | 0.078207 | | | | | | |
| | PeCB 328 | 19.40 | 25664 | yes | | | -0.00129 | 180 | no | 0.716 | - | |
| 77 PCB 83/99 | 326 | 19.84 | 27609 | 1.51 | 45868 | 0.066691 | | | | | | |
| | PeCB 328 | 19.84 | 18259 | yes | | | -0.00159 | 115 | no | 0.581 | - | |
| 78 PCB 112 | 326 | NotFnd | * | * | * | -0.00107 | | | | | | |
| | PeCB 328 | 19.95 | * | no | | | -0.00107 | * | no | 0.863 | - | |
| 79 PCB 109/119/86/97/125/326 | 326 | 20.22 | 16470 | 1.62 | 26647 | 0.031528 | | | | | | |
| | PeCB 328 | 20.23 | 10177 | yes | | | -0.00129 | 46 | yes | 0.714 | - | |
| 80 PCB 117/116/85 | 326 | 20.78 | 5802 | 1.46 | 9766 | 0.010598 | | | | | | |
| | PeCB 328 | 20.81 | 3964 | yes | | | -0.00119 | 23 | yes | 0.778 | - | |
| 81 PCB 110/115 | 326 | 20.90 | 27127 | 1.49 | 45353 | 0.055209 | | | | | | |
| | PeCB 328 | 20.92 | 18225 | yes | | | -0.00133 | 109 | yes | 0.694 | - | |
| 82 PCB 82 | 326 | 21.15 | 1700 | 1.69 | 2707 | 0.004213 | | | | | | |
| | PeCB 328 | 21.17 | 1007 | yes | | | -0.0017 | 8 | yes | 0.542 | - | |
| 83 PCB 111 | 326 | NotFnd | * | * | * | -0.0012 | | | | | | |
| | PeCB 328 | 21.45 | * | no | | | -0.0012 | * | no | 0.772 | - | |
| 84 PCB 120 | 326 | NotFnd | * | * | * | -0.00105 | | | | | | |
| | PeCB 328 | 21.82 | * | no | | | -0.00105 | * | no | 0.877 | - | |
| 85 PCB 108/124 | 326 | 22.76 | 1832 | 1.69 | 2917 | 0.001655 | | | | | | |
| | PeCB 328 | 22.73 | 1085 | yes | | | -0.0009 | 5 | no | 1.488 | - | |
| 86 PCB 107 | 326 | 22.96 | 5497 | 1.57 | 9005 | 0.004572 | | | | | | |
| | PeCB 328 | 22.94 | 3508 | yes | | | -0.0008 | 15 | yes | 1.663 | - | |
| 87 PCB 123 | 326 | NotFnd | * | * | * | -0.00141 | | | | | | |
| | PeCB 328 | 23.05 | * | no | | | -0.00141 | * | no | 0.947 | - | |
| 88 PCB 106 | 326 | NotFnd | * | * | * | -0.00091 | | | | | | |
| | PeCB 328 | 23.17 | * | no | | | -0.00091 | * | no | 1.465 | - | |
| 89 PCB 118 | 326 | 23.34 | 39779 | 1.52 | 65918 | 0.046766 | | | | | | |
| | PeCB 328 | 23.37 | 26139 | yes | | | -0.00128 | 108 | no | 1.042 | - | |
| | | | | | | | | 107 | | | | |

| | | | | | | | | | | | | | |
|---------------------|----------|--------|----------|------|----------|----------|-----------------|--|----------|-----|-----|-------|---|
| 90 PCB 122 | 326 | NotFnd | * | * | * | -0.00094 | | | -0.00094 | * | no | 1.418 | - |
| | PeCB 328 | 23.65 | * | no | | | | | | * | | | |
| 91 PCB 114 | 326 | NotFnd | * | * | * | -0.00124 | | | -0.00124 | * | no | 1.076 | - |
| | PeCB 328 | 23.80 | * | no | | | | | | * | | | |
| 92 PCB 105 | 326 | 24.36 | 11906 | 1.52 | 19746 | 0.01497 | | | -0.00129 | 29 | no | 1.04 | - |
| | PeCB 328 | 24.39 | 7840 | yes | | | | | | 31 | | | |
| 93 PCB 127 | 326 | NotFnd | * | * | * | -0.00084 | | | -0.00084 | * | no | 1.583 | - |
| | PeCB 328 | 25.66 | * | no | | | | | | * | | | |
| 94 PCB 126 | 326 | NotFnd | * | * | * | -0.00129 | | | -0.00129 | * | no | 1.037 | - |
| | PeCB 328 | 27.18 | * | no | | | | | | * | | | |
| 95 PCB 155 | 360 | NotFnd | * | * | * | -0.0007 | | | -0.0007 | * | no | 1.079 | - |
| | HxCB 362 | 19.26 | * | no | | | | | | * | | | |
| 96 PCB 152 | 360 | NotFnd | * | * | * | -0.0011 | | | -0.0011 | * | no | 0.686 | - |
| | HxCB 362 | 19.42 | * | no | | | | | | * | | | |
| 97 PCB 150 | 360 | NotFnd | * | * | * | -0.00124 | | | -0.00124 | * | no | 0.606 | - |
| | HxCB 362 | 19.53 | * | no | | | | | | * | | | |
| 98 PCB 136 | 360 | 19.79 | 2590 | 1.14 | 4860 | 0.009445 | | | -0.00114 | 20 | no | 0.659 | - |
| | HxCB 362 | 19.80 | 2269 | yes | | | | | | 24 | | | |
| 99 PCB 145 | 360 | NotFnd | * | * | * | -0.00132 | | | -0.00132 | * | no | 0.57 | - |
| | HxCB 362 | 20.03 | * | no | | | | | | * | | | |
| 100 PCB 148 | 360 | NotFnd | * | * | * | -0.00153 | | | -0.00153 | * | no | 0.491 | - |
| | HxCB 362 | 21.13 | * | no | | | | | | * | | | |
| 101 PCB 151/135 | 360 | 21.61 | 7738 | 1.38 | 13332 | 0.038622 | | | -0.0017 | 46 | no | 0.442 | - |
| | HxCB 362 | 21.63 | 5595 | yes | | | | | | 44 | | | |
| 102 PCB 154 | 360 | 21.80 | 1089 | 1.39 | 1872 | 0.004547 | | | -0.00142 | 8 | no | 0.528 | - |
| | HxCB 362 | 21.82 | 783 | yes | | | | | | 8 | | | |
| 103 PCB 144 | 360 | 22.08 | 759 | 1.1 | 1446 | 0.003953 | | | -0.0016 | 8 | yes | 0.469 | - |
| | HxCB 362 | 22.06 | 687 | yes | | | | | | 7 | | | |
| 104 PCB 147/149 | 360 | 22.37 | 23414 | 1.22 | 42564 | 0.082049 | | | -0.00414 | 69 | yes | 0.665 | - |
| | HxCB 362 | 22.36 | 19151 | yes | | | | | | 69 | | | |
| 105 PCB 134/143 | 360 | NotFnd | * | * | * | -0.00464 | | | -0.00464 | * | no | 0.593 | - |
| | HxCB 362 | 22.61 | * | no | | | | | | * | | | |
| 106 PCB 139/140 | 360 | NotFnd | * | * | * | -0.00414 | | | -0.00414 | * | no | 0.666 | - |
| | HxCB 362 | 22.88 | * | no | | | | | | * | | | |
| 107 PCB 131 | 360 | NotFnd | * | * | * | -0.0051 | | | -0.0051 | * | no | 0.54 | - |
| | HxCB 362 | 23.06 | * | no | | | | | | * | | | |
| 108 PCB 142 | 360 | NotFnd | * | * | * | -0.00457 | | | -0.00457 | * | no | 0.603 | - |
| | HxCB 362 | 23.19 | * | no | | | | | | * | | | |
| 109 PCB 132 | 360 | 23.42 | 4000 | 1.34 | 6992 | 0.01695 | | | -0.00522 | 11 | no | 0.528 | - |
| | HxCB 362 | 23.44 | 2991 | yes | | | | | | 9 | | | |
| 110 PCB 133 | 360 | NotFnd | * | * | * | -0.00438 | | | -0.00438 | * | no | 0.629 | - |
| | HxCB 362 | 23.84 | * | no | | | | | | * | | | |
| 111 PCB 165 | 360 | NotFnd | * | * | * | -0.00375 | | | -0.00375 | * | no | 0.735 | - |
| | HxCB 362 | 24.17 | * | no | | | | | | * | | | |
| 112 PCB 146 | 360 | 24.41 | 7853 | 1.23 | 14227 | 0.02548 | | | -0.00385 | 21 | no | 0.715 | - |
| | HxCB 362 | 24.40 | 6374 | yes | | | | | | 21 | | | |
| 113 PCB 161 | 360 | NotFnd | * | * | * | -0.00319 | | | -0.00319 | * | no | 0.864 | - |
| | HxCB 362 | 24.52 | * | no | | | | | | * | | | |
| 114 PCB 153/168 | 360 | 24.97 | 46718 | 1.28 | 83213 | 0.136135 | | | -0.00352 | 121 | no | 0.783 | - |
| | HxCB 362 | 24.98 | 36495 | yes | | | | | | 114 | | | |
| 115 PCB 141 | 360 | NotFnd | * | * | * | -0.00425 | | | -0.00425 | * | no | 0.648 | - |
| | HxCB 362 | 25.13 | * | no | | | | | | * | | | |
| 116 PCB 130 | 360 | 25.51 | 1581 | 1.35 | 2754 | 0.006074 | | | -0.00474 | 4 | yes | 0.581 | - |
| | HxCB 362 | 25.50 | 1173 | yes | | | | | | 4 | | | |
| 117 PCB 137 | 360 | NotFnd | * | * | * | -0.00477 | | | -0.00477 | * | no | 0.577 | - |
| | HxCB 362 | 25.70 | * | no | | | | | | * | | | |
| 118 PCB 164 | 360 | NotFnd | * | * | * | -0.00346 | | | -0.00346 | * | no | 0.796 | - |
| | HxCB 362 | 25.82 | * | no | | | | | | * | | | |
| 119 PCB 138/163/129 | 360 | 26.10 | 30739 | 1.29 | 54650 | 0.106549 | | | -0.00419 | 76 | yes | 0.657 | - |
| | HxCB 362 | 26.11 | 23912 | yes | | | | | | 72 | | | |
| 120 PCB 160 | 360 | NotFnd | * | * | * | -0.00396 | | | -0.00396 | * | no | 0.695 | - |
| | HxCB 362 | 26.28 | * | no | | | | | | * | | | |
| 121 PCB 158 | 360 | 26.48 | 2401 | 1.2 | 4408 | 0.006473 | | | -0.00316 | 6 | no | 0.872 | - |
| | HxCB 362 | 26.46 | 2007 | yes | | | | | | 5 | | | |
| 122 PCB 128/166 | 360 | 27.29 | 3138 | 1.24 | 5665 | 0.010373 | | | -0.00393 | 8 | no | 0.7 | - |
| | HxCB 362 | 27.27 | 2526 | yes | | | | | | 8 | | | |
| 123 PCB 159 | 360 | NotFnd | * | * | * | -0.00077 | | | -0.00077 | * | no | 1.501 | - |
| | HxCB 362 | 28.25 | * | no | | | | | | * | | | |
| 124 PCB 162 | 360 | NotFnd | * | * | * | -0.00087 | | | -0.00087 | * | no | 1.338 | - |
| | HxCB 362 | 28.51 | * | no | | | | | | * | | | |
| 125 PCB 167 | 360 | 29.00 | 1232 | 1.12 | 2331 | 0.002396 | | | -0.00122 | 6 | no | 0.951 | - |
| | HxCB 362 | 29.01 | 1099 | yes | | | | | | 7 | | | |
| 126 PCB 156/157 | 360 | 30.13 | -1722 | 1.24 | -3110.71 | -0.00331 | PCB 156/157 NDR | | -0.00112 | 8 | xL | 1.036 | - |
| | HxCB 362 | 30.15 | -1388.71 | OK | | | | | | 11 | | | |
| 127 PCB 169 | 360 | NotFnd | * | * | * | -0.00119 | | | -0.00119 | * | no | 0.973 | - |
| | HxCB 362 | 33.53 | * | no | | | | | | * | | | |
| 128 PCB 188 | 394 | NotFnd | * | * | * | -0.00088 | | | -0.00088 | * | no | 1.053 | - |
| | HpCB 396 | 23.78 | * | no | | | | | | * | | | |
| 129 PCB 179 | 394 | 24.07 | -1712.55 | 1.05 | -3343.55 | -0.0065 | PCB 179 NDR | | -0.00095 | 17 | xL | 0.98 | - |
| | HpCB 396 | 24.07 | -1631 | OK | | | | | | 14 | | | |
| 130 PCB 184 | 394 | NotFnd | * | * | * | -0.00103 | | | -0.00103 | * | no | 0.904 | - |
| | HpCB 396 | 24.57 | * | no | | | | | | * | | | |
| 131 PCB 176 | 394 | 24.85 | -348.6 | 1.05 | -680.6 | -0.00138 | PCB 176 NDR | | -0.00099 | 3 | xL | 0.939 | - |
| | HpCB 396 | 24.88 | -332 | OK | | | | | | 3 | | | |
| 132 PCB 186 | 394 | NotFnd | * | * | * | -0.00113 | | | -0.00113 | * | no | 0.822 | - |
| | HpCB 396 | 25.28 | * | no | | | | | | * | | | |
| 133 PCB 178 | 394 | 26.53 | -931 | 1.05 | -1817.67 | -0.00522 | PCB 178 NDR | | -0.0014 | 7 | xL | 0.663 | - |
| | HpCB 396 | 26.54 | -886.667 | OK | | | | | | 10 | | | |
| 134 PCB 175 | 394 | NotFnd | * | * | * | -0.00134 | | | -0.00134 | * | no | 0.695 | - |
| | HpCB 396 | 27.14 | * | no | | | | | | * | | | |
| 135 PCB 187 | 394 | 27.38 | 5574 | 0.92 | 11666 | 0.034271 | | | -0.00144 | 44 | no | 0.647 | - |
| | HpCB 396 | 27.40 | 6092 | yes | | | | | | 49 | | | |
| 136 PCB 182 | 394 | NotFnd | * | * | * | -0.00138 | | | -0.00138 | * | no | 0.673 | - |
| | HpCB 396 | 27.61 | * | no | | | | | | * | | | |

| | | | | | | | | | | | |
|-------------------|----------|--------|----------|------|----------|----------|----------|------|-----|-------|-----|
| 137 PCB 183 | 394 | 27.98 | 2486 | 1.03 | 4889 | 0.008165 | -0.0014 | 14 | yes | 1.138 | - |
| | HpCB 396 | 27.95 | 2403 | yes | * | | | 16 | | | |
| 138 PCB 185 | 394 | NotFnd | * | * | * | -0.00215 | -0.00215 | * | no | 0.743 | - |
| | HpCB 396 | 28.04 | * | no | * | | | * | | | |
| 139 PCB 174 | 394 | NotFnd | * | * | * | -0.00184 | -0.00184 | * | no | 0.867 | - |
| | HpCB 396 | 28.17 | * | no | * | | | * | | | |
| 140 PCB 177 | 394 | 28.62 | -1759 | 1.05 | -3434.24 | -0.00749 | -0.00182 | 13 | xL | 0.874 | - |
| | HpCB 396 | 28.64 | -1675.24 | OK | * | | | 15 | | | |
| 141 PCB 181 | 394 | NotFnd | * | * | * | -0.00188 | -0.00188 | * | no | 0.85 | - |
| | HpCB 396 | 29.02 | * | no | * | | | * | | | |
| 142 PCB 171/173 | 394 | 29.25 | 890 | 1.13 | 1678 | 0.003645 | -0.00182 | 5 | yes | 0.875 | - |
| | HpCB 396 | 29.24 | 787 | yes | * | | | 5 | | | |
| 143 PCB 172 | 394 | NotFnd | * | * | * | -0.00184 | -0.00184 | * | no | 0.866 | - |
| | HpCB 396 | 30.88 | * | no | * | | | * | | | |
| 144 PCB 192 | 394 | NotFnd | * | * | * | -0.00163 | -0.00163 | * | no | 0.979 | - |
| | HpCB 396 | 31.20 | * | no | * | | | * | | | |
| 145 PCB 193/180 | 394 | 31.58 | 1932 | 0.93 | 4020 | 0.00744 | -0.0012 | 13 | no | 1.333 | - |
| | HpCB 396 | 31.54 | 2088 | yes | * | | | 14 | | | |
| 146 PCB 191 | 394 | NotFnd | * | * | * | -0.00138 | -0.00138 | * | no | 1.152 | - |
| | HpCB 396 | 31.92 | * | no | * | | | * | | | |
| 147 PCB 170 | 394 | NotFnd | * | * | * | -0.00132 | -0.00132 | * | no | 1.206 | - |
| | HpCB 396 | 32.88 | * | no | * | | | * | | | |
| 148 PCB 190 | 394 | NotFnd | * | * | * | -0.00146 | -0.00146 | * | no | 1.089 | - |
| | HpCB 396 | 33.44 | * | no | * | | | * | | | |
| 149 PCB 189 | 394 | NotFnd | * | * | * | -0.00089 | -0.00089 | * | no | 0.91 | - |
| | HpCB 396 | 36.29 | * | no | * | | | * | | | |
| 150 PCB 202 | 428 | NotFnd | * | * | * | -0.00377 | -0.00377 | * | no | 1.08 | - |
| | OcCB 430 | 28.72 | * | no | * | | | * | | | |
| 151 PCB 201 | 428 | NotFnd | * | * | * | -0.00369 | -0.00369 | * | no | 1.104 | - |
| | OcCB 430 | 29.84 | * | no | * | | | * | | | |
| 152 PCB 204 | 428 | NotFnd | * | * | * | -0.00371 | -0.00371 | * | no | 1.098 | - |
| | OcCB 430 | 30.33 | * | no | * | | | * | | | |
| 153 PCB 197 | 428 | NotFnd | * | * | * | -0.00425 | -0.00425 | * | no | 0.959 | - |
| | OcCB 430 | 30.58 | * | no | * | | | * | | | |
| 154 PCB 200 | 428 | NotFnd | * | * | * | -0.00362 | -0.00362 | * | no | 1.126 | - |
| | OcCB 430 | 30.64 | * | no | * | | | * | | | |
| 155 PCB 198/199 | 428 | NotFnd | * | * | * | -0.00555 | -0.00555 | * | no | 0.734 | - |
| | OcCB 430 | 33.57 | * | no | * | | | * | | | |
| 156 PCB 196 | 428 | NotFnd | * | * | * | -0.00528 | -0.00528 | * | no | 0.771 | - |
| | OcCB 430 | 34.31 | * | no | * | | | * | | | |
| 157 PCB 203 | 428 | NotFnd | * | * | * | -0.00565 | -0.00565 | * | no | 0.721 | - |
| | OcCB 430 | 34.54 | * | no | * | | | * | | | |
| 158 PCB 195 | 428 | NotFnd | * | * | * | -0.00232 | -0.00232 | * | no | 0.97 | - |
| | OcCB 430 | 35.95 | * | no | * | | | * | | | |
| 159 PCB 194 | 428 | NotFnd | * | * | * | -0.00217 | -0.00217 | * | no | 1.035 | - |
| | OcCB 430 | 38.57 | * | no | * | | | * | | | |
| 160 PCB 205 | 428 | NotFnd | * | * | * | -0.00114 | -0.00114 | * | no | 1.071 | - |
| | OcCB 430 | 39.16 | * | no | * | | | * | | | |
| 161 PCB 208 | 462 | NotFnd | * | * | * | -0.00272 | -0.00272 | * | no | 1.082 | - |
| | NoCB 464 | 35.75 | * | no | * | | | * | | | |
| 162 PCB 207 | 462 | NotFnd | * | * | * | -0.00222 | -0.00222 | * | no | 1.324 | - |
| | NoCB 464 | 36.79 | * | no | * | | | * | | | |
| 163 PCB 206 | 462 | NotFnd | * | * | * | -0.00273 | -0.00273 | * | no | 1.077 | - |
| | NoCB 464 | 41.12 | * | no | * | | | * | | | |
| 164 PCB 209 | 498 | NotFnd | * | * | * | -0.00424 | -0.00424 | * | no | 1.024 | - |
| | DCB 500 | 43.00 | * | no | * | | | * | | | |
| 165 PCB 1L | 200 | 8.83 | 127796 | 3.34 | 166064 | 0.086382 | 0 | 3084 | no | 0.821 | 45 |
| | 202 | 8.83 | 38268 | yes | | | | 242 | | | |
| 166 PCB 3L | 200 | 10.02 | 150548 | 3.44 | 194257 | 0.100255 | 0 | 3908 | no | 0.828 | 52 |
| | 202 | 10.01 | 43709 | yes | | | | 289 | | | |
| 167 PCB 4L | 234 | 10.13 | 47665 | 1.61 | 77211 | 0.117145 | 0.001 | 334 | no | 0.282 | 60 |
| | 236 | 10.11 | 29546 | yes | | | | 665 | | | |
| 168 PCB 15L | 234 | 12.73 | 246708 | 1.71 | 391222 | 0.157102 | 0.001 | 714 | no | 1.064 | 81 |
| | 236 | 12.73 | 144514 | yes | | | | 1255 | | | |
| 169 PCB 19L | 268 | 11.49 | 60003 | 1.12 | 113809 | 0.140838 | 0.006 | 74 | no | 0.345 | 73 |
| | 270 | 11.49 | 53806 | yes | | | | 60 | | | |
| 170 PCB 37L | 268 | 16.36 | 199596 | 1.07 | 386621 | 0.165537 | 0.003 | 228 | no | 2.614 | 85 |
| | 270 | 16.36 | 187025 | yes | | | | 155 | | | |
| 171 PCB 54L | 302 | 12.85 | 54641 | 0.81 | 121755 | 0.179762 | 0.001 | 355 | no | 0.758 | 93 |
| | 304 | 12.85 | 67115 | yes | | | | 846 | | | |
| 172 PCB 81L | 302 | 20.98 | 119807 | 0.78 | 272724 | 0.1627 | 0.001 | 625 | no | 1.876 | 84 |
| | 304 | 20.98 | 152917 | yes | | | | 888 | | | |
| 173 PCB 77L | 302 | 21.41 | 114766 | 0.81 | 255528 | 0.158981 | 0.001 | 574 | no | 1.799 | 82 |
| | 304 | 21.43 | 140762 | yes | | | | 788 | | | |
| 174 PCB 104L | 338 | 15.63 | 76853 | 1.59 | 125335 | 0.180642 | 0 | 2855 | no | 0.967 | 93 |
| | 340 | 15.64 | 48482 | yes | | | | 1132 | | | |
| 175 PCB 123L | 338 | 23.03 | 170954 | 1.68 | 272917 | 0.165817 | 0 | 2602 | no | 2.293 | 86 |
| | 340 | 23.05 | 101963 | yes | | | | 1653 | | | |
| 176 PCB 118L | 338 | 23.32 | 163077 | 1.65 | 262143 | 0.165783 | 0 | 2435 | no | 2.203 | 86 |
| | 340 | 23.32 | 99067 | yes | | | | 1586 | | | |
| 177 PCB 114L | 338 | 23.78 | 151852 | 1.69 | 241690 | 0.164327 | 0 | 2273 | no | 2.049 | 85 |
| | 340 | 23.80 | 89838 | yes | | | | 1439 | | | |
| 178 PCB 105L | 338 | 24.34 | 153618 | 1.67 | 245715 | 0.161951 | 0 | 2294 | no | 2.114 | 84 |
| | 340 | 24.36 | 92097 | yes | | | | 1443 | | | |
| 179 PCB 126L | 338 | 27.16 | 118097 | 1.72 | 186812 | 0.125323 | 0 | 1679 | no | 2.077 | 65 |
| | 340 | 27.18 | 68715 | yes | | | | 1034 | | | |
| 180 PCB 155L | 372 | 19.25 | 79529 | 1.26 | 142501 | 0.231536 | 0 | 1952 | no | 1.056 | 119 |
| | 374 | 19.24 | 62972 | yes | | | | 2975 | | | |
| 181 PCB 167L | 372 | 28.98 | 113967 | 1.35 | 198266 | 0.150001 | 0 | 1726 | yes | 2.269 | 77 |
| | 374 | 28.99 | 84300 | yes | | | | 1907 | | | |
| 182 PCB 156L/157L | 372 | 30.12 | 199274 | 1.33 | 349644 | 0.289251 | 0 | 2431 | no | 2.075 | 75 |
| | 374 | 30.14 | 150370 | yes | | | | 2791 | | | |
| 183 PCB 169L | 372 | 33.49 | 51131 | 1.33 | 89494 | 0.071693 | 0 | 708 | no | 2.142 | 37 |
| | 374 | 33.47 | 38364 | yes | | | | 813 | | | |

| | | | | | | | | | | | |
|-----------------------|-----|--------|---------|------|---------|----------|-------|----------|----|-------|-----|
| 184 PCB 188L | 406 | 23.76 | 68669 | 1.08 | 132446 | 0.206015 | 0 | 1664 | no | 1.103 | 106 |
| | 408 | 23.75 | 63777 | yes | | | | 2290 | | | |
| 185 PCB 180L | 406 | 31.54 | 39845 | 1.03 | 78543 | 0.269976 | 0.001 | 580 | no | 1.219 | 139 |
| | 408 | 31.56 | 38698 | yes | | | | 850 | | | |
| 186 PCB 170L | 406 | 32.85 | 33919 | 1.12 | 64324 | 0.246699 | 0.002 | 491 | no | 1.093 | 127 |
| | 408 | 32.87 | 30405 | yes | | | | 687 | | | |
| 187 PCB 189L | 406 | 36.25 | 69610 | 1.11 | 132467 | 0.229131 | 0.001 | 745 | no | 2.422 | 118 |
| | 408 | 36.23 | 62857 | yes | | | | 696 | | | |
| 188 PCB 202L | 440 | 28.69 | 16900 | 0.9 | 35687 | 0.165616 | 0 | 1232 | no | 1.19 | 85 |
| | 442 | 28.71 | 18787 | yes | | | | 1172 | | | |
| 189 PCB 205L | 440 | 39.12 | 27940 | 0.87 | 60240 | 0.170829 | 0.001 | 717 | no | 1.478 | 88 |
| | 442 | 39.12 | 32300 | yes | | | | 521 | | | |
| 190 PCB 208L | 474 | 35.72 | 27342 | 0.81 | 60945 | 0.22031 | 0.001 | 1100 | no | 1.159 | 114 |
| | 476 | 35.73 | 33603 | yes | | | | 536 | | | |
| 191 PCB 206L | 474 | 41.12 | 15287 | 0.92 | 31914 | 0.164257 | 0.001 | 611 | no | 0.814 | 85 |
| | 476 | 41.09 | 16626 | no | | | | 257 | | | |
| 192 PCB 209L | 510 | 42.96 | 15624 | 1.34 | 27312 | 0.151638 | 0 | 2963 | no | 0.755 | 78 |
| | 512 | 42.94 | 11688 | no | | | | 365164 | | | |
| 193 PCB 28L | 268 | 14.15 | 263562 | 1.08 | 506957 | 0.20408 | 0.002 | 336 | no | 2.78 | 95 |
| PCB Cleanup Standard | 270 | 14.15 | 243395 | yes | | | | 225 | | | |
| 194 PCB 111L | 338 | 21.41 | 117723 | 1.61 | 190672 | 0.19941 | 0 | 2551 | no | 1.332 | 93 |
| PCB Cleanup Standard | 340 | 21.44 | 72949 | yes | | | | 1659 | | | |
| 195 PCB 178L | 406 | 26.50 | 42125 | 1.02 | 83397 | 0.220041 | 0.001 | 1028 | no | 0.65 | 102 |
| PCB Cleanup Standard | 408 | 26.49 | 41272 | yes | | | | 1429 | | | |
| 196 PCB 31L | 268 | NotFnd | * | * | * | | 0.002 | | no | 2.775 | |
| PCB Audit Standard | 270 | 13.99 | * | no | | | | | | | |
| 197 PCB 95L | 338 | NotFnd | * | * | * | | 0 | | no | 0.967 | |
| PCB Audit Standard | 340 | 17.42 | * | no | | | | | | | |
| 198 PCB 153L | 372 | 24.93 | 1978 | 1.41 | 3386 | 0.004881 | 0 | 68 | no | 1.191 | 3 |
| PCB Audit Standard | 374 | 24.92 | 1408 | yes | | | | 21 | | | |
| 199 PCB 9L | 234 | 11.03 | 1589768 | 1.71 | 2519981 | 9.437611 | - | 4877 | no | - | - |
| PCB Recovery Standard | 236 | 11.03 | 930213 | yes | | | | 8577 | | | |
| 200 PCB 52L | 302 | 15.08 | 428834 | 0.8 | 962036 | 9.472392 | - | 2575 | no | - | - |
| PCB Recovery Standard | 304 | 15.08 | 533201 | yes | | | | 5457 | | | |
| 201 PCB 101L | 338 | 19.40 | 480593 | 1.64 | 772774 | 9.122146 | - | 10862 | no | - | - |
| PCB Recovery Standard | 340 | 19.40 | 292182 | yes | | | | 6882 | | | |
| 202 PCB 138L | 372 | 26.07 | 353473 | 1.29 | 627256 | 7.296884 | - | 11888 | no | - | - |
| PCB Recovery Standard | 374 | 26.09 | 273783 | yes | | | | 4546 | | | |
| 203 PCB 194L | 440 | 38.58 | 121345 | 0.89 | 256924 | 3.409652 | - | 3199 | no | - | - |
| PCB Recovery Standard | 442 | 38.61 | 135579 | yes | | | | 2145 | | | |
| Chlorobiphenyls | | | | | | -0.00142 | 0 | -0.00142 | | | |
| Dichlorobiphenyls | | | | | | 0.009125 | 1 | -0.02051 | | | |
| Trichlorobiphenyls | | | | | | 0.039838 | 8 | -0.00332 | | | |
| Tetrachlorobiphenyls | | | | | | 0.177306 | 16 | -0.00299 | | | |
| Pentachlorobiphenyls | | | | | | 0.38381 | 15 | -0.0017 | | | |
| Hexachlorobiphenyls | | | | | | 0.448046 | 13 | -0.00522 | | | |
| Heptachlorobiphenyls | | | | | | 0.053521 | 4 | -0.00215 | | | |
| Octachlorobiphenyls | | | | | | -0.00565 | 0 | -0.00565 | | | |
| Nonachlorobiphenyls | | | | | | -0.00273 | 0 | -0.00273 | | | |
| Decachlorobiphenyl | | | | | | -0.00424 | 0 | -0.00424 | | | |
| PCB (total) | | | | | | 1.112646 | | | | | |

Ratio Fail - FLAG
Ratio Fail - FLAG

B1
2/16/21

Filename M2161205B09
 Acquired 12/06/2016 2:20
 Call File m2161205B_209

** Initial Data **

HIGH USE

20161214

Sample ID DIS273-01R
 Comments
 Instrument File Ultima 3
 Sample Size 10.32
 Dil Fac 1.00

| Name | mass | RT | Area | ratio | Tot Area | ng/g | Code | Isomers | DL | S/N | Mod | rrf | Rec |
|--------------|-----------|--------|-------|-------|----------|----------|------|---------|----------|-----|-----|-------|-----|
| 1 PCB 1 | 188 | NotFnd | * | * | * | -0.0014 | | | -0.0014 | * | no | 1.296 | - |
| 2 PCB 2 | MoCB 190 | 8.83 | * | no | * | -0.00107 | | | -0.00107 | * | no | 1.697 | - |
| 3 PCB 3 | 188 | NotFnd | * | * | * | -0.00142 | | | -0.00142 | * | no | 1.276 | - |
| 4 PCB 4 | MoCB 190 | 9.94 | * | no | * | -0.01733 | | | -0.01733 | * | no | 1.186 | - |
| 5 PCB 10 | 222 | NotFnd | * | * | * | -0.02051 | | | -0.02051 | * | no | 1.002 | - |
| 6 PCB 9 | DICB 224 | 10.02 | * | no | * | -0.00461 | | | -0.00461 | * | no | 2.318 | - |
| 7 PCB 7 | 222 | NotFnd | * | * | * | -0.0053 | | | -0.0053 | * | no | 2.015 | - |
| 8 PCB 6 | DICB 224 | 11.02 | * | no | * | -0.00469 | | | -0.00469 | * | no | 2.278 | - |
| 9 PCB 5 | 222 | NotFnd | * | * | * | -0.00599 | | | -0.00599 | * | no | 1.783 | - |
| 10 PCB 8 | DICB 224 | 11.32 | * | no | * | -0.00442 | | | -0.00442 | * | no | 2.416 | - |
| 11 PCB 14 | 222 | NotFnd | * | * | * | -0.00467 | | | -0.00467 | * | no | 2.288 | - |
| 12 PCB 11 | DICB 224 | 12.08 | * | no | * | 0.009125 | | | -0.00491 | 90 | no | 2.176 | - |
| 13 PCB 13/12 | 222 | NotFnd | 14563 | 1.54 | 24000 | -0.0054 | | | -0.0054 | 4 | no | 1.978 | - |
| 14 PCB 15 | DICB 224 | 12.45 | 9437 | yes | * | -0.01026 | | | -0.01026 | * | no | 1.042 | - |
| 15 PCB 19 | 222 | NotFnd | * | * | * | -0.00177 | | | -0.00177 | * | no | 1.156 | - |
| 16 PCB 30/18 | TriCB 258 | 11.49 | * | no | * | 0.005954 | | | -0.00236 | 31 | no | 0.864 | - |
| 17 PCB 17 | 256 | NotFnd | 3216 | 0.94 | 6641 | -0.00295 | | | -0.00295 | 34 | no | 0.691 | - |
| 18 PCB 27 | TriCB 258 | 12.30 | 3425 | yes | * | -0.00203 | | | -0.00203 | * | no | 1.006 | - |
| 19 PCB 24 | 256 | NotFnd | * | * | * | -0.00254 | | | -0.00254 | * | no | 0.802 | - |
| 20 PCB 16 | TriCB 258 | 12.60 | * | no | * | -0.00332 | | | -0.00332 | * | no | 0.614 | - |
| 21 PCB 32 | 256 | NotFnd | * | * | * | -0.00186 | | | -0.00186 | * | no | 1.1 | - |
| 22 PCB 34 | TriCB 258 | 12.73 | * | no | * | -0.00048 | | | -0.00048 | * | no | 2.11 | - |
| 23 PCB 23 | 256 | NotFnd | * | * | * | -0.00054 | | | -0.00054 | * | no | 1.864 | - |
| 24 PCB 26/29 | TriCB 258 | 13.61 | * | no | * | 0.00202 | | | -0.00047 | 14 | no | 2.13 | - |
| 25 PCB 25 | 256 | NotFnd | 2708 | 0.95 | 5553 | 0.001156 | | | -0.00048 | 16 | no | 2.103 | - |
| 26 PCB 31 | TriCB 258 | 13.76 | 2845 | yes | 3139 | 0.008401 | | | -0.00046 | 8 | no | 2.202 | - |
| 27 PCB 28/20 | 256 | NotFnd | 11370 | 0.91 | 23885 | 0.014478 | | | -0.00051 | 64 | no | 1.971 | - |
| 28 PCB 21/33 | TriCB 258 | 14.00 | 12615 | yes | 36836 | 0.002117 | | | -0.0005 | 105 | no | 2.008 | - |
| 29 PCB 22 | 256 | NotFnd | 18710 | 1.03 | 9427 | -0.00043 | | | -0.00043 | 27 | no | 1.758 | - |
| 30 PCB 36 | TriCB 258 | 14.17 | 18126 | yes | 4807 | -0.00052 | | | -0.00052 | 13 | no | 2.334 | - |
| 31 PCB 39 | 256 | NotFnd | 5039 | 1.15 | 9427 | -0.00051 | | | -0.00051 | 11 | no | 1.922 | - |
| 32 PCB 38 | TriCB 258 | 14.26 | 4387 | yes | 4807 | -0.0005 | | | -0.0005 | * | no | 1.971 | - |
| 33 PCB 35 | 256 | NotFnd | 2415 | 1.01 | 4807 | -0.0005 | | | -0.0005 | * | no | 2.017 | - |
| 34 PCB 37 | TriCB 258 | 14.46 | 2392 | yes | 4807 | 0.002075 | | | -0.00102 | 9 | no | 0.985 | - |
| 35 PCB 54 | 256 | NotFnd | 15.29 | no | * | -0.00049 | | | -0.00049 | * | no | 1.02 | - |
| 36 PCB 53/50 | TriCB 258 | 15.51 | * | no | * | 0.005506 | | | -0.00184 | 11 | no | 0.872 | - |
| 37 PCB 45/51 | TCB 292 | 12.88 | * | no | * | -0.00194 | | | -0.00194 | 13 | yes | 0.826 | - |
| 38 PCB 46 | 290 | NotFnd | 13.88 | 0.69 | 5366 | -0.00221 | | | -0.00221 | * | yes | 0.727 | - |
| 39 PCB 52 | TCB 292 | 13.89 | 3167 | yes | 1484 | 0.043175 | | | -0.00177 | 96 | no | 0.905 | - |
| 40 PCB 73 | 290 | NotFnd | 14.22 | 0.66 | 43683 | -0.00144 | | | -0.00144 | 93 | no | 1.116 | - |
| 41 PCB 43 | TCB 292 | 14.24 | 589 | no | * | -0.00299 | | | -0.00299 | * | no | 0.537 | - |
| 42 PCB 69/49 | 290 | NotFnd | 14.37 | 0.81 | 43683 | -0.00164 | | | -0.00164 | 36 | no | 0.976 | - |
| | TCB 292 | 14.39 | 578 | no | 18984 | 0.017393 | | | -0.00164 | 43 | no | 0.976 | - |
| | TCB 292 | 15.10 | 19384 | 0.8 | 43683 | 0.043175 | | | -0.00177 | 96 | no | 0.905 | - |
| | TCB 292 | 15.10 | 24299 | yes | 43683 | 0.043175 | | | -0.00177 | 93 | no | 1.116 | - |
| | TCB 292 | 15.18 | * | no | * | -0.00144 | | | -0.00144 | * | no | 1.116 | - |
| | TCB 292 | 15.25 | * | no | * | -0.00299 | | | -0.00299 | * | no | 0.537 | - |
| | TCB 292 | 15.37 | 7738 | 0.69 | 18984 | 0.017393 | | | -0.00164 | 36 | no | 0.976 | - |
| | TCB 292 | 15.37 | 11246 | yes | 18984 | 0.017393 | | | -0.00164 | 43 | no | 0.976 | - |

| | | | | | | | | | | | | | |
|---------------------------|----------|--------|----------|------|----------|----------|------------|----------|-----|-----|-------|---|--|
| 43 PCB 48 | 290 | 15.55 | 1578 | 0.78 | 3609 | 0.004218 | | | | | | | |
| | TCB 292 | 15.55 | 2031 | yes | | | | -0.0021 | 8 | no | 0.765 | - | |
| 44 PCB 44/47/65 | 290 | 15.68 | 12780 | 0.73 | 30252 | 0.030661 | | | | | | | |
| | TCB 292 | 15.70 | 17471 | yes | | | | -0.00182 | 46 | no | 0.883 | - | |
| 45 PCB 59/62/75 | 290 | 15.87 | 1565 | 0.87 | 3356 | 0.002716 | | | | | | | |
| | TCB 292 | 15.87 | 1791 | yes | | | | -0.00145 | 6 | no | 1.105 | - | |
| 46 PCB 42 | 290 | 15.98 | 1924 | 0.81 | 4306 | 0.005372 | | | | | | | |
| | TCB 292 | 15.98 | 2382 | yes | | | | -0.00224 | 9 | no | 0.717 | - | |
| 47 PCB 40/41/71 | 290 | 16.27 | 3796 | 0.74 | 8901 | 0.009921 | | | | | | | |
| | TCB 292 | 16.27 | 5106 | yes | | | | -0.002 | 17 | no | 0.803 | - | |
| 48 PCB 64 | 290 | 16.41 | 2720 | 0.69 | 6679 | 0.005778 | | | | | | | |
| | TCB 292 | 16.41 | 3958 | yes | | | | -0.00155 | 13 | no | 1.034 | - | |
| 49 PCB 72 | 290 | 16.88 | 873 | 0.84 | 1908 | 0.000845 | | | | | | | |
| | TCB 292 | 16.89 | 1035 | yes | | | | -0.00058 | 5 | yes | 2.019 | - | |
| 50 PCB 68 | 290 | 17.06 | -953 | 0.77 | -2190.66 | -0.00103 | PCB 68 NDR | | | | | | |
| | TCB 292 | 17.06 | -1237.66 | OK | | | | -0.00062 | 5 | xL | 1.893 | - | |
| 51 PCB 57 | 290 | NotFnd | * | * | * | -0.00059 | | | | | | | |
| | TCB 292 | 17.35 | * | no | | | | -0.00059 | * | no | 1.963 | - | |
| 52 PCB 58 | 290 | NotFnd | * | * | * | -0.00066 | | | | | | | |
| | TCB 292 | 17.50 | * | no | | | | -0.00066 | * | no | 1.762 | - | |
| 53 PCB 67 | 290 | 17.61 | 501 | 0.77 | 1154 | -0.00055 | | | | | | | |
| | TCB 292 | 17.61 | 653 | no | | | | -0.00055 | * | yes | 2.107 | - | |
| 54 PCB 63 | 290 | 17.78 | 1067 | 0.81 | 2392 | 0.00106 | | | | | | | |
| | TCB 292 | 17.77 | 1325 | yes | | | | -0.00058 | 5 | no | 2.019 | - | |
| 55 PCB 61/70/74/76 | 290 | 18.00 | 25887 | 0.75 | 60286 | 0.02969 | | | | | | | |
| | TCB 292 | 18.00 | 34399 | yes | | | | -0.00064 | 88 | no | 1.816 | - | |
| 56 PCB 66 | 290 | 18.22 | 12387 | 0.75 | 28869 | 0.012742 | | | | | | | |
| | TCB 292 | 18.21 | 16482 | yes | | | | -0.00057 | 57 | no | 2.026 | - | |
| 57 PCB 55 | 290 | NotFnd | * | * | * | -0.00069 | | | | | | | |
| | TCB 292 | 18.34 | * | no | | | | -0.00069 | * | no | 1.69 | - | |
| 58 PCB 56 | 290 | 18.68 | 3104 | 0.81 | 6945 | 0.003756 | | | | | | | |
| | TCB 292 | 18.68 | 3841 | yes | | | | -0.0007 | 15 | no | 1.654 | - | |
| 59 PCB 60 | 290 | 18.85 | 2097 | 0.68 | 5181 | 0.002809 | | | | | | | |
| | TCB 292 | 18.84 | 3083 | yes | | | | -0.00071 | 10 | no | 1.65 | - | |
| 60 PCB 80 | 290 | NotFnd | * | * | * | -0.00054 | | | | | | | |
| | TCB 292 | 19.09 | * | no | | | | -0.00054 | * | no | 2.158 | - | |
| 61 PCB 79 | 290 | NotFnd | * | * | * | -0.00056 | | | | | | | |
| | TCB 292 | 20.23 | * | no | | | | -0.00056 | * | no | 2.095 | - | |
| 62 PCB 78 | 290 | NotFnd | * | * | * | -0.00063 | | | | | | | |
| | TCB 292 | 20.67 | * | no | | | | -0.00063 | * | no | 1.857 | - | |
| 63 PCB 81 | 290 | NotFnd | * | * | * | -0.001 | | | | | | | |
| | TCB 292 | 20.98 | * | no | | | | -0.001 | * | no | 1.167 | - | |
| 64 PCB 77 | 290 | 21.43 | 1090 | 0.69 | 2668 | 0.001664 | | | | | | | |
| | TCB 292 | 21.43 | 1578 | yes | | | | -0.00096 | 5 | no | 1.216 | - | |
| 65 PCB 104 | 326 | NotFnd | * | * | * | -0.00078 | | | | | | | |
| | PeCB 328 | 15.65 | * | no | | | | -0.00078 | * | no | 1.188 | - | |
| 66 PCB 96 | 326 | NotFnd | * | * | * | -0.00135 | | | | | | | |
| | PeCB 328 | 15.87 | * | no | | | | -0.00135 | * | no | 0.682 | - | |
| 67 PCB 103 | 326 | 17.01 | 844 | 1.49 | 1409 | 0.001569 | | | | | | | |
| | PeCB 328 | 17.01 | 566 | yes | | | | -0.00122 | 4 | yes | 0.759 | - | |
| 68 PCB 94 | 326 | NotFnd | * | * | * | -0.00166 | | | | | | | |
| | PeCB 328 | 17.15 | * | no | | | | -0.00166 | * | no | 0.555 | - | |
| 69 PCB 95 | 326 | 17.42 | 21468 | 1.59 | 35016 | 0.04306 | | | | | | | |
| | PeCB 328 | 17.44 | 13548 | yes | | | | -0.00134 | 99 | no | 0.687 | - | |
| 70 PCB 100/93/102/98 | 326 | 17.66 | 1695 | 1.74 | 2669 | 0.003619 | | | | | | | |
| | PeCB 328 | 17.59 | 974 | yes | | | | -0.00148 | 5 | no | 0.623 | - | |
| 71 PCB 88/91 | 326 | 18.00 | 2348 | 1.46 | 3952 | 0.005324 | | | | | | | |
| | PeCB 328 | 17.98 | 1604 | yes | | | | -0.00147 | 12 | no | 0.627 | - | |
| 72 PCB 84 | 326 | 18.15 | -3552 | 1.55 | -5843.61 | -0.00897 | PCB 84 NDR | | | | | | |
| | PeCB 328 | 18.15 | -2291.61 | OK | | | | -0.00168 | 16 | xL | 0.548 | - | |
| 73 PCB 89 | 326 | NotFnd | * | * | * | -0.00153 | | | | | | | |
| | PeCB 328 | 18.48 | * | no | | | | -0.00153 | * | no | 0.804 | - | |
| 74 PCB 121 | 326 | NotFnd | * | * | * | -0.00114 | | | | | | | |
| | PeCB 328 | 18.73 | * | no | | | | -0.00114 | * | no | 0.81 | - | |
| 75 PCB 92 | 326 | 18.99 | 7187 | 1.5 | 11978 | 0.015829 | | | | | | | |
| | PeCB 328 | 18.99 | 4791 | yes | | | | -0.00144 | 32 | no | 0.639 | - | |
| 76 PCB 113/90/101 | 326 | 19.42 | 40675 | 1.59 | 66340 | 0.078207 | | | | | | | |
| | PeCB 328 | 19.40 | 25664 | yes | | | | -0.00129 | 180 | no | 0.716 | - | |
| 77 PCB 83/99 | 326 | 19.84 | 27609 | 1.51 | 45868 | 0.066691 | | | | | | | |
| | PeCB 328 | 19.84 | 18259 | yes | | | | -0.00159 | 115 | no | 0.581 | - | |
| 78 PCB 112 | 326 | NotFnd | * | * | * | -0.00107 | | | | | | | |
| | PeCB 328 | 19.95 | * | no | | | | -0.00107 | * | no | 0.863 | - | |
| 79 PCB 109/119/86/97/125/ | 326 | 20.22 | 16470 | 1.62 | 26647 | 0.031528 | | | | | | | |
| | PeCB 328 | 20.23 | 10177 | yes | | | | -0.00129 | 46 | yes | 0.714 | - | |
| 80 PCB 117/116/85 | 326 | 20.78 | 5802 | 1.46 | 9766 | 0.010598 | | | | | | | |
| | PeCB 328 | 20.81 | 3964 | yes | | | | -0.00119 | 23 | yes | 0.778 | - | |
| 81 PCB 110/115 | 326 | 20.90 | 27127 | 1.49 | 45353 | 0.055209 | | | | | | | |
| | PeCB 328 | 20.92 | 18225 | yes | | | | -0.00133 | 109 | yes | 0.694 | - | |
| 82 PCB 82 | 326 | 21.15 | 1700 | 1.69 | 2707 | 0.004213 | | | | | | | |
| | PeCB 328 | 21.17 | 1007 | yes | | | | -0.0017 | 8 | yes | 0.542 | - | |
| 83 PCB 111 | 326 | NotFnd | * | * | * | -0.0012 | | | | | | | |
| | PeCB 328 | 21.45 | * | no | | | | -0.0012 | * | no | 0.772 | - | |
| 84 PCB 120 | 326 | NotFnd | * | * | * | -0.00105 | | | | | | | |
| | PeCB 328 | 21.82 | * | no | | | | -0.00105 | * | no | 0.877 | - | |
| 85 PCB 108/124 | 326 | 22.76 | 1832 | 1.69 | 2917 | 0.001655 | | | | | | | |
| | PeCB 328 | 22.73 | 1085 | yes | | | | -0.0009 | 5 | no | 1.488 | - | |
| 86 PCB 107 | 326 | 22.96 | 5497 | 1.57 | 9005 | 0.004572 | | | | | | | |
| | PeCB 328 | 22.94 | 3508 | yes | | | | -0.0008 | 15 | yes | 1.663 | - | |
| 87 PCB 123 | 326 | NotFnd | * | * | * | -0.00141 | | | | | | | |
| | PeCB 328 | 23.05 | * | no | | | | -0.00141 | * | no | 0.947 | - | |
| 88 PCB 106 | 326 | NotFnd | * | * | * | -0.00091 | | | | | | | |
| | PeCB 328 | 23.17 | * | no | | | | -0.00091 | * | no | 1.465 | - | |
| 89 PCB 118 | 326 | 23.34 | 39779 | 1.52 | 65918 | 0.046766 | | | | | | | |
| | PeCB 328 | 23.37 | 26139 | yes | | | | -0.00128 | 108 | no | 1.042 | - | |
| | | | | | | | | | 107 | | | | |

| | | | | | | | | | | | | | |
|---------------------|----------|--------|----------|------|----------|----------|-----------------|-----|-----|-------|---|--|--|
| 90 PCB 122 | 326 | NotFnd | * | * | * | -0.00094 | | | | | | | |
| | PeCB 328 | 23.65 | * | no | * | | -0.00094 | * | no | 1.418 | - | | |
| 91 PCB 114 | 326 | NotFnd | * | * | * | -0.00124 | | | | | | | |
| | PeCB 328 | 23.80 | * | no | * | | -0.00124 | * | no | 1.076 | - | | |
| 92 PCB 105 | 326 | 24.36 | 11906 | 1.52 | 19746 | 0.01497 | | | | | | | |
| | PeCB 328 | 24.39 | 7840 | yes | * | | -0.00129 | 29 | no | 1.04 | - | | |
| 93 PCB 127 | 326 | NotFnd | * | * | * | -0.00084 | | | | | | | |
| | PeCB 328 | 25.66 | * | no | * | | -0.00084 | * | no | 1.583 | - | | |
| 94 PCB 126 | 326 | NotFnd | * | * | * | -0.00129 | | | | | | | |
| | PeCB 328 | 27.18 | * | no | * | | -0.00129 | * | no | 1.037 | - | | |
| 95 PCB 155 | 360 | NotFnd | * | * | * | -0.0007 | | | | | | | |
| | HxCB 362 | 19.26 | * | no | * | | -0.0007 | * | no | 1.079 | - | | |
| 96 PCB 152 | 360 | NotFnd | * | * | * | -0.0011 | | | | | | | |
| | HxCB 362 | 19.42 | * | no | * | | -0.0011 | * | no | 0.686 | - | | |
| 97 PCB 150 | 360 | NotFnd | * | * | * | -0.00124 | | | | | | | |
| | HxCB 362 | 19.53 | * | no | * | | -0.00124 | * | no | 0.606 | - | | |
| 98 PCB 136 | 360 | 19.79 | 2590 | 1.14 | 4860 | 0.009445 | | | | | | | |
| | HxCB 362 | 19.80 | 2269 | yes | * | | -0.00114 | 20 | no | 0.659 | - | | |
| 99 PCB 145 | 360 | NotFnd | * | * | * | -0.00132 | | | | | | | |
| | HxCB 362 | 20.03 | * | no | * | | -0.00132 | * | no | 0.57 | - | | |
| 100 PCB 148 | 360 | NotFnd | * | * | * | -0.00153 | | | | | | | |
| | HxCB 362 | 21.13 | * | no | * | | -0.00153 | * | no | 0.491 | - | | |
| 101 PCB 151/135 | 360 | 21.61 | 7738 | 1.38 | 13332 | 0.038622 | | | | | | | |
| | HxCB 362 | 21.63 | 5595 | yes | * | | -0.0017 | 46 | no | 0.442 | - | | |
| 102 PCB 154 | 360 | 21.80 | 1089 | 1.39 | 1872 | 0.004547 | | | | | | | |
| | HxCB 362 | 21.82 | 783 | yes | * | | -0.00142 | 8 | no | 0.528 | - | | |
| 103 PCB 144 | 360 | 22.08 | 759 | 1.1 | 1446 | 0.003953 | | | | | | | |
| | HxCB 362 | 22.06 | 667 | yes | * | | -0.0016 | 6 | yes | 0.469 | - | | |
| 104 PCB 147/149 | 360 | 22.37 | 23414 | 1.22 | 42564 | 0.082049 | | | | | | | |
| | HxCB 362 | 22.36 | 19151 | yes | * | | -0.00414 | 69 | yes | 0.665 | - | | |
| 105 PCB 134/143 | 360 | NotFnd | * | * | * | -0.00464 | | | | | | | |
| | HxCB 362 | 22.61 | * | no | * | | -0.00464 | * | no | 0.593 | - | | |
| 106 PCB 139/140 | 360 | NotFnd | * | * | * | -0.00414 | | | | | | | |
| | HxCB 362 | 22.88 | * | no | * | | -0.00414 | * | no | 0.666 | - | | |
| 107 PCB 131 | 360 | NotFnd | * | * | * | -0.0051 | | | | | | | |
| | HxCB 362 | 23.06 | * | no | * | | -0.0051 | * | no | 0.54 | - | | |
| 108 PCB 142 | 360 | NotFnd | * | * | * | -0.00457 | | | | | | | |
| | HxCB 362 | 23.19 | * | no | * | | -0.00457 | * | no | 0.603 | - | | |
| 109 PCB 132 | 360 | 23.42 | 4000 | 1.34 | 6992 | 0.01695 | | | | | | | |
| | HxCB 362 | 23.44 | 2991 | yes | * | | -0.00522 | 11 | no | 0.528 | - | | |
| 110 PCB 133 | 360 | NotFnd | * | * | * | -0.00438 | | | | | | | |
| | HxCB 362 | 23.84 | * | no | * | | -0.00438 | * | no | 0.629 | - | | |
| 111 PCB 165 | 360 | NotFnd | * | * | * | -0.00375 | | | | | | | |
| | HxCB 362 | 24.17 | * | no | * | | -0.00375 | * | no | 0.735 | - | | |
| 112 PCB 146 | 360 | 24.41 | 7853 | 1.23 | 14227 | 0.02548 | | | | | | | |
| | HxCB 362 | 24.40 | 6374 | yes | * | | -0.00385 | 21 | no | 0.715 | - | | |
| 113 PCB 161 | 360 | NotFnd | * | * | * | -0.00319 | | | | | | | |
| | HxCB 362 | 24.52 | * | no | * | | -0.00319 | * | no | 0.864 | - | | |
| 114 PCB 153/168 | 360 | 24.97 | 46718 | 1.28 | 83213 | 0.136135 | | | | | | | |
| | HxCB 362 | 24.98 | 36495 | yes | * | | -0.00352 | 121 | no | 0.783 | - | | |
| 115 PCB 141 | 360 | NotFnd | * | * | * | -0.00425 | | | | | | | |
| | HxCB 362 | 25.13 | * | no | * | | -0.00425 | * | no | 0.648 | - | | |
| 116 PCB 130 | 360 | 25.51 | 1581 | 1.35 | 2754 | 0.006074 | | | | | | | |
| | HxCB 362 | 25.50 | 1173 | yes | * | | -0.00474 | 4 | yes | 0.581 | - | | |
| 117 PCB 137 | 360 | NotFnd | * | * | * | -0.00477 | | | | | | | |
| | HxCB 362 | 25.70 | * | no | * | | -0.00477 | * | no | 0.577 | - | | |
| 118 PCB 164 | 360 | NotFnd | * | * | * | -0.00346 | | | | | | | |
| | HxCB 362 | 25.82 | * | no | * | | -0.00346 | * | no | 0.796 | - | | |
| 119 PCB 138/163/129 | 360 | 26.10 | 30739 | 1.29 | 54650 | 0.106549 | | | | | | | |
| | HxCB 362 | 26.11 | 23912 | yes | * | | -0.00419 | 76 | yes | 0.657 | - | | |
| 120 PCB 160 | 360 | NotFnd | * | * | * | -0.00396 | | | | | | | |
| | HxCB 362 | 26.28 | * | no | * | | -0.00396 | * | no | 0.695 | - | | |
| 121 PCB 158 | 360 | 26.48 | 2401 | 1.2 | 4408 | 0.006473 | | | | | | | |
| | HxCB 362 | 26.46 | 2007 | yes | * | | -0.00316 | 6 | no | 0.872 | - | | |
| 122 PCB 128/166 | 360 | 27.29 | 3138 | 1.24 | 5665 | 0.010373 | | | | | | | |
| | HxCB 362 | 27.27 | 2526 | yes | * | | -0.00393 | 8 | no | 0.7 | - | | |
| 123 PCB 159 | 360 | NotFnd | * | * | * | -0.00077 | | | | | | | |
| | HxCB 362 | 28.25 | * | no | * | | -0.00077 | * | no | 1.501 | - | | |
| 124 PCB 162 | 360 | NotFnd | * | * | * | -0.00087 | | | | | | | |
| | HxCB 362 | 28.51 | * | no | * | | -0.00087 | * | no | 1.338 | - | | |
| 125 PCB 167 | 360 | 29.00 | 1232 | 1.12 | 2331 | 0.002396 | | | | | | | |
| | HxCB 362 | 29.01 | 1099 | yes | * | | -0.00122 | 6 | no | 0.951 | - | | |
| 126 PCB 156/157 | 360 | 30.13 | -1722 | 1.24 | -3110.71 | -0.00331 | PCB 156/157 NDR | | | | | | |
| | HxCB 362 | 30.15 | -1386.71 | OK | * | | -0.00112 | 7 | | | | | |
| 127 PCB 169 | 360 | NotFnd | * | * | * | -0.00119 | | | | | | | |
| | HxCB 362 | 33.53 | * | no | * | | -0.00119 | * | no | 0.973 | - | | |
| 128 PCB 188 | 394 | NotFnd | * | * | * | -0.00088 | | | | | | | |
| | HpCB 396 | 23.78 | * | no | * | | -0.00088 | * | no | 1.053 | - | | |
| 129 PCB 179 | 394 | 24.07 | -1712.55 | 1.05 | -3343.55 | -0.0065 | PCB 179 NDR | | | | | | |
| | HpCB 396 | 24.07 | -1631 | OK | * | | -0.00095 | 17 | xL | 0.98 | - | | |
| 130 PCB 184 | 394 | NotFnd | * | * | * | -0.00103 | | | | | | | |
| | HpCB 396 | 24.57 | * | no | * | | -0.00103 | * | no | 0.904 | - | | |
| 131 PCB 176 | 394 | 24.85 | -348.6 | 1.05 | -680.6 | -0.00138 | PCB 176 NDR | | | | | | |
| | HpCB 396 | 24.88 | -332 | OK | * | | -0.00099 | 3 | xL | 0.939 | - | | |
| 132 PCB 186 | 394 | NotFnd | * | * | * | -0.00113 | | | | | | | |
| | HpCB 396 | 25.28 | * | no | * | | -0.00113 | * | no | 0.822 | - | | |
| 133 PCB 178 | 394 | 26.53 | -931 | 1.05 | -1817.67 | -0.00522 | PCB 178 NDR | | | | | | |
| | HpCB 396 | 26.54 | -886.667 | OK | * | | -0.0014 | 7 | xL | 0.663 | - | | |
| 134 PCB 175 | 394 | NotFnd | * | * | * | -0.00134 | | | | | | | |
| | HpCB 396 | 27.14 | * | no | * | | -0.00134 | * | no | 0.695 | - | | |
| 135 PCB 187 | 394 | 27.38 | 5574 | 0.92 | 11666 | 0.034271 | | | | | | | |
| | HpCB 396 | 27.40 | 6092 | yes | * | | -0.00144 | 44 | no | 0.647 | - | | |
| 136 PCB 182 | 394 | NotFnd | * | * | * | -0.00138 | | | | | | | |
| | HpCB 396 | 27.61 | * | no | * | | -0.00138 | * | no | 0.673 | - | | |

| | | | | | | | | | | | | | |
|-------------------|----------|--------|----------|------|----------|----------|----------|------|-----|-------|-----|--|--|
| 137 PCB 183 | 394 | 27.98 | 2486 | 1.03 | 4889 | 0.008165 | | | | | | | |
| | HpCB 396 | 27.95 | 2403 | yes | | | -0.0014 | 14 | yes | 1.138 | - | | |
| 138 PCB 185 | 394 | NotFnd | * | * | * | -0.00215 | -0.00215 | * | no | 0.743 | - | | |
| | HpCB 396 | 28.04 | * | no | * | | | * | | | | | |
| 139 PCB 174 | 394 | NotFnd | * | * | * | -0.00184 | -0.00184 | * | no | 0.867 | - | | |
| | HpCB 396 | 28.17 | * | no | * | | | * | | | | | |
| 140 PCB 177 | 394 | 28.62 | -1759 | 1.05 | -3434.24 | -0.00749 | -0.00182 | 13 | xL | 0.874 | - | | |
| | HpCB 396 | 28.64 | -1675.24 | OK | * | | | 15 | | | | | |
| 141 PCB 181 | 394 | NotFnd | * | * | * | -0.00188 | -0.00188 | * | no | 0.85 | - | | |
| | HpCB 396 | 29.02 | * | no | * | | | * | | | | | |
| 142 PCB 171/173 | 394 | 29.25 | 890 | 1.13 | 1678 | 0.003645 | -0.00182 | 5 | yes | 0.875 | - | | |
| | HpCB 396 | 29.24 | 787 | yes | * | | | 5 | | | | | |
| 143 PCB 172 | 394 | NotFnd | * | * | * | -0.00184 | -0.00184 | * | no | 0.866 | - | | |
| | HpCB 396 | 30.88 | * | no | * | | | * | | | | | |
| 144 PCB 192 | 394 | NotFnd | * | * | * | -0.00163 | -0.00163 | * | no | 0.979 | - | | |
| | HpCB 396 | 31.20 | * | no | * | | | * | | | | | |
| 145 PCB 193/180 | 394 | 31.58 | 1932 | 0.93 | 4020 | 0.00744 | -0.0012 | 13 | no | 1.333 | - | | |
| | HpCB 396 | 31.54 | 2088 | yes | * | | | 14 | | | | | |
| 146 PCB 191 | 394 | NotFnd | * | * | * | -0.00138 | -0.00138 | * | no | 1.152 | - | | |
| | HpCB 396 | 31.92 | * | no | * | | | * | | | | | |
| 147 PCB 170 | 394 | NotFnd | * | * | * | -0.00132 | -0.00132 | * | no | 1.206 | - | | |
| | HpCB 396 | 32.88 | * | no | * | | | * | | | | | |
| 148 PCB 190 | 394 | NotFnd | * | * | * | -0.00146 | -0.00146 | * | no | 1.089 | - | | |
| | HpCB 396 | 33.44 | * | no | * | | | * | | | | | |
| 149 PCB 189 | 394 | NotFnd | * | * | * | -0.00089 | -0.00089 | * | no | 0.91 | - | | |
| | HpCB 396 | 36.29 | * | no | * | | | * | | | | | |
| 150 PCB 202 | 428 | NotFnd | * | * | * | -0.00547 | -0.00547 | * | no | 1.08 | - | | |
| | OcCB 430 | 28.75 | * | no | * | | | * | | | | | |
| 151 PCB 201 | 428 | NotFnd | * | * | * | -0.00543 | -0.00543 | * | no | 1.088 | - | | |
| | OcCB 430 | 29.67 | * | no | * | | | * | | | | | |
| 152 PCB 204 | 428 | NotFnd | * | * | * | -0.00547 | -0.00547 | * | no | 1.08 | - | | |
| | OcCB 430 | 30.36 | * | no | * | | | * | | | | | |
| 153 PCB 197 | 428 | NotFnd | * | * | * | -0.00671 | -0.00671 | * | no | 0.88 | - | | |
| | OcCB 430 | 30.99 | * | no | * | | | * | | | | | |
| 154 PCB 200 | 428 | NotFnd | * | * | * | -0.00518 | -0.00518 | * | no | 1.141 | - | | |
| | OcCB 430 | 30.71 | * | no | * | | | * | | | | | |
| 155 PCB 198/199 | 428 | NotFnd | * | * | * | -0.00855 | -0.00855 | * | no | 0.691 | - | | |
| | OcCB 430 | 33.61 | * | no | * | | | * | | | | | |
| 156 PCB 196 | 428 | NotFnd | * | * | * | -0.00802 | -0.00802 | * | no | 0.736 | - | | |
| | OcCB 430 | 34.35 | * | no | * | | | * | | | | | |
| 157 PCB 203 | 428 | NotFnd | * | * | * | -0.00829 | -0.00829 | * | no | 0.712 | - | | |
| | OcCB 430 | 34.54 | * | no | * | | | * | | | | | |
| 158 PCB 195 | 428 | NotFnd | * | * | * | -0.00121 | -0.00121 | * | no | 1.012 | - | | |
| | OcCB 430 | 35.99 | * | no | * | | | * | | | | | |
| 159 PCB 194 | 428 | NotFnd | * | * | * | -0.00115 | -0.00115 | * | no | 1.061 | - | | |
| | OcCB 430 | 38.61 | * | no | * | | | * | | | | | |
| 160 PCB 205 | 428 | NotFnd | * | * | * | -0.00114 | -0.00114 | * | no | 1.071 | - | | |
| | OcCB 430 | 39.16 | * | no | * | | | * | | | | | |
| 161 PCB 208 | 462 | NotFnd | * | * | * | -0.00272 | -0.00272 | * | no | 1.082 | - | | |
| | NoCB 464 | 35.75 | * | no | * | | | * | | | | | |
| 162 PCB 207 | 462 | NotFnd | * | * | * | -0.00222 | -0.00222 | * | no | 1.324 | - | | |
| | NoCB 464 | 36.79 | * | no | * | | | * | | | | | |
| 163 PCB 206 | 462 | NotFnd | * | * | * | -0.00273 | -0.00273 | * | no | 1.077 | - | | |
| | NoCB 464 | 41.12 | * | no | * | | | * | | | | | |
| 164 PCB 209 | 498 | NotFnd | * | * | * | -0.00424 | -0.00424 | * | no | 1.024 | - | | |
| | DCB 500 | 43.00 | * | no | * | | | * | | | | | |
| 165 PCB 1L | 200 | 8.83 | 127796 | 3.34 | 166064 | 0.086382 | 0 | 3084 | no | 0.821 | 45 | | |
| | 202 | 8.83 | 38268 | yes | | | | 242 | | | | | |
| 166 PCB 3L | 200 | 10.02 | 150548 | 3.44 | 194257 | 0.100255 | 0 | 3908 | no | 0.828 | 52 | | |
| | 202 | 10.01 | 43709 | yes | | | | 289 | | | | | |
| 167 PCB 4L | 234 | 10.13 | 47665 | 1.61 | 77211 | 0.117145 | 0.001 | 334 | no | 0.282 | 60 | | |
| | 236 | 10.11 | 29546 | yes | | | | 665 | | | | | |
| 168 PCB 15L | 234 | 12.73 | 248708 | 1.71 | 391222 | 0.157102 | 0.001 | 714 | no | 1.064 | 81 | | |
| | 236 | 12.73 | 144514 | yes | | | | 1255 | | | | | |
| 169 PCB 19L | 268 | 11.49 | 60003 | 1.12 | 113809 | 0.140838 | 0.006 | 74 | no | 0.345 | 73 | | |
| | 270 | 11.49 | 53806 | yes | | | | 60 | | | | | |
| 170 PCB 37L | 268 | 16.36 | 199596 | 1.07 | 386621 | 0.165537 | 0.003 | 228 | no | 2.614 | 85 | | |
| | 270 | 16.36 | 187025 | yes | | | | 155 | | | | | |
| 171 PCB 54L | 302 | 12.85 | 54641 | 0.81 | 121755 | 0.179762 | 0.001 | 355 | no | 0.758 | 93 | | |
| | 304 | 12.85 | 67115 | yes | | | | 846 | | | | | |
| 172 PCB 81L | 302 | 20.98 | 119807 | 0.78 | 272724 | 0.1627 | 0.001 | 625 | no | 1.876 | 84 | | |
| | 304 | 20.98 | 152917 | yes | | | | 888 | | | | | |
| 173 PCB 77L | 302 | 21.41 | 114766 | 0.81 | 255528 | 0.158981 | 0.001 | 574 | no | 1.799 | 82 | | |
| | 304 | 21.43 | 140762 | yes | | | | 788 | | | | | |
| 174 PCB 104L | 338 | 15.63 | 76853 | 1.59 | 125335 | 0.180642 | 0 | 2855 | no | 0.967 | 93 | | |
| | 340 | 15.64 | 48482 | yes | | | | 1132 | | | | | |
| 175 PCB 123L | 338 | 23.03 | 170954 | 1.68 | 272917 | 0.165817 | 0 | 2602 | no | 2.293 | 86 | | |
| | 340 | 23.05 | 101963 | yes | | | | 1653 | | | | | |
| 176 PCB 118L | 338 | 23.32 | 163077 | 1.65 | 262143 | 0.165783 | 0 | 2435 | no | 2.203 | 86 | | |
| | 340 | 23.32 | 99067 | yes | | | | 1586 | | | | | |
| 177 PCB 114L | 338 | 23.78 | 151852 | 1.69 | 241690 | 0.164327 | 0 | 2273 | no | 2.049 | 85 | | |
| | 340 | 23.80 | 89838 | yes | | | | 1439 | | | | | |
| 178 PCB 105L | 338 | 24.34 | 153618 | 1.67 | 245715 | 0.161951 | 0 | 2294 | no | 2.114 | 84 | | |
| | 340 | 24.36 | 92097 | yes | | | | 1443 | | | | | |
| 179 PCB 126L | 338 | 27.16 | 118097 | 1.72 | 186812 | 0.125323 | 0 | 1679 | no | 2.077 | 65 | | |
| | 340 | 27.18 | 68715 | yes | | | | 1034 | | | | | |
| 180 PCB 155L | 372 | 19.25 | 79529 | 1.26 | 142501 | 0.231536 | 0 | 1952 | no | 1.056 | 119 | | |
| | 374 | 19.24 | 82972 | yes | | | | 2975 | | | | | |
| 181 PCB 167L | 372 | 28.98 | 113967 | 1.35 | 198266 | 0.150001 | 0 | 1726 | yes | 2.269 | 77 | | |
| | 374 | 28.99 | 84300 | yes | | | | 1907 | | | | | |
| 182 PCB 156L/157L | 372 | 30.12 | 199274 | 1.33 | 349644 | 0.289251 | 0 | 2431 | no | 2.075 | 75 | | |
| | 374 | 30.14 | 160370 | yes | | | | 2791 | | | | | |
| 183 PCB 169L | 372 | 33.49 | 51131 | 1.33 | 89494 | 0.071693 | 0 | 708 | no | 2.142 | 37 | | |
| | 374 | 33.47 | 38364 | yes | | | | 813 | | | | | |

| | | | | | | | | | | | | | |
|-----------------------|-----|--------|---------|------|---------|----------|-------|----------|----|-------|-----|--|--|
| 184 PCB 188L | 406 | 23.76 | 68669 | 1.08 | 132446 | 0.206015 | | | | | | | |
| | 408 | 23.75 | 63777 | yes | | | 0 | 1664 | no | 1.103 | 106 | | |
| | | | | | | | | 2290 | | | | | |
| 185 PCB 180L | 406 | 31.54 | 39845 | 1.03 | 78543 | 0.269976 | 0.001 | 580 | no | 1.219 | 139 | | |
| | 408 | 31.56 | 38698 | yes | | | | 850 | | | | | |
| 186 PCB 170L | 406 | 32.85 | 33919 | 1.12 | 64324 | 0.246699 | 0.002 | 491 | no | 1.093 | 127 | | |
| | 408 | 32.87 | 30405 | yes | | | | 667 | | | | | |
| 187 PCB 189L | 406 | 36.25 | 69610 | 1.11 | 132467 | 0.229131 | 0.001 | 745 | no | 2.422 | 118 | | |
| | 408 | 36.23 | 62857 | yes | | | | 696 | | | | | |
| 188 PCB 202L | 440 | 28.72 | 43344 | 0.88 | 92716 | 0.326403 | 0.001 | 818 | no | 1.19 | 168 | | |
| | 442 | 28.71 | 49372 | yes | | | | 2579 | | | | | |
| 189 PCB 205L | 440 | 39.12 | 27940 | 0.87 | 60240 | 0.170829 | 0.001 | 717 | no | 1.478 | 88 | | |
| | 442 | 39.12 | 32300 | yes | | | | 521 | | | | | |
| 190 PCB 208L | 474 | 35.72 | 27342 | 0.81 | 60945 | 0.22031 | 0.001 | 1100 | no | 1.159 | 114 | | |
| | 476 | 35.73 | 33603 | yes | | | | 536 | | | | | |
| 191 PCB 206L | 474 | 41.12 | 15287 | 0.92 | 31914 | 0.164257 | 0.001 | 611 | no | 0.814 | 85 | | |
| | 476 | 41.09 | 16626 | no | | | | 257 | | | | | |
| 192 PCB 209L | 510 | 42.96 | 15624 | 1.34 | 27312 | 0.151638 | 0 | 2963 | no | 0.755 | 78 | | |
| | 512 | 42.94 | 11688 | no | | | | 365164 | | | | | |
| 193 PCB 28L | 268 | 14.15 | 263562 | 1.08 | 506957 | 0.20408 | 0.002 | 336 | no | 2.78 | 95 | | |
| PCB Cleanup Standard | 270 | 14.15 | 243395 | yes | | | | 225 | | | | | |
| 194 PCB 111L | 338 | 21.41 | 117723 | 1.61 | 190672 | 0.19941 | 0 | 2551 | no | 1.332 | 93 | | |
| PCB Cleanup Standard | 340 | 21.44 | 72949 | yes | | | | 1659 | | | | | |
| 195 PCB 178L | 406 | 26.50 | 42125 | 1.02 | 83397 | 0.220041 | 0.001 | 1026 | no | 0.65 | 102 | | |
| PCB Cleanup Standard | 408 | 26.49 | 41272 | yes | | | | 1429 | | | | | |
| 196 PCB 31L | 268 | NotFnd | * | * | * | | 0.002 | | no | 2.775 | | | |
| PCB Audit Standard | 270 | 13.99 | * | no | | | | | | | | | |
| 197 PCB 95L | 338 | NotFnd | * | * | * | | 0 | | no | 0.967 | | | |
| PCB Audit Standard | 340 | 17.42 | * | no | | | | | | | | | |
| 198 PCB 153L | 372 | 24.93 | 1978 | 1.41 | 3386 | 0.004881 | 0 | 68 | no | 1.191 | 3 | | |
| PCB Audit Standard | 374 | 24.92 | 1408 | yes | | | | 21 | | | | | |
| 199 PCB 9L | 234 | 11.03 | 1589768 | 1.71 | 2519981 | 9.437611 | - | 4877 | no | - | - | | |
| PCB Recovery Standard | 236 | 11.03 | 930213 | yes | | | | 8577 | | | | | |
| 200 PCB 52L | 302 | 15.08 | 428834 | 0.8 | 962036 | 9.472392 | - | 2575 | no | - | - | | |
| PCB Recovery Standard | 304 | 15.08 | 533201 | yes | | | | 5457 | | | | | |
| 201 PCB 101L | 338 | 19.40 | 480593 | 1.64 | 772774 | 9.122146 | - | 10862 | no | - | - | | |
| PCB Recovery Standard | 340 | 19.40 | 292182 | yes | | | | 6882 | | | | | |
| 202 PCB 138L | 372 | 26.07 | 353473 | 1.29 | 627256 | 7.296884 | - | 11888 | no | - | - | | |
| PCB Recovery Standard | 374 | 26.09 | 273783 | yes | | | | 4546 | | | | | |
| 203 PCB 194L | 440 | 38.58 | 121345 | 0.89 | 256924 | 3.409652 | - | 3199 | no | - | - | | |
| PCB Recovery Standard | 442 | 38.61 | 135579 | yes | | | | 2145 | | | | | |
| Chlorobiphenyls | | | | | | -0.00142 | 0 | -0.00142 | | | | | |
| Dichlorobiphenyls | | | | | | 0.009125 | 1 | -0.02051 | | | | | |
| Trichlorobiphenyls | | | | | | 0.039838 | 8 | -0.00332 | | | | | |
| Tetrachlorobiphenyls | | | | | | 0.177306 | 16 | -0.00299 | | | | | |
| Pentachlorobiphenyls | | | | | | 0.38381 | 15 | -0.0017 | | | | | |
| Hexachlorobiphenyls | | | | | | 0.449046 | 13 | -0.00522 | | | | | |
| Heptachlorobiphenyls | | | | | | 0.053521 | 4 | -0.00215 | | | | | |
| Octachlorobiphenyls | | | | | | -0.00855 | 0 | -0.00855 | | | | | |
| Nonachlorobiphenyls | | | | | | -0.00273 | 0 | -0.00273 | | | | | |
| Decachlorobiphenyl | | | | | | -0.00424 | 0 | -0.00424 | | | | | |
| PCB (total) | | | | | | 1.112646 | | | | | | | |

Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

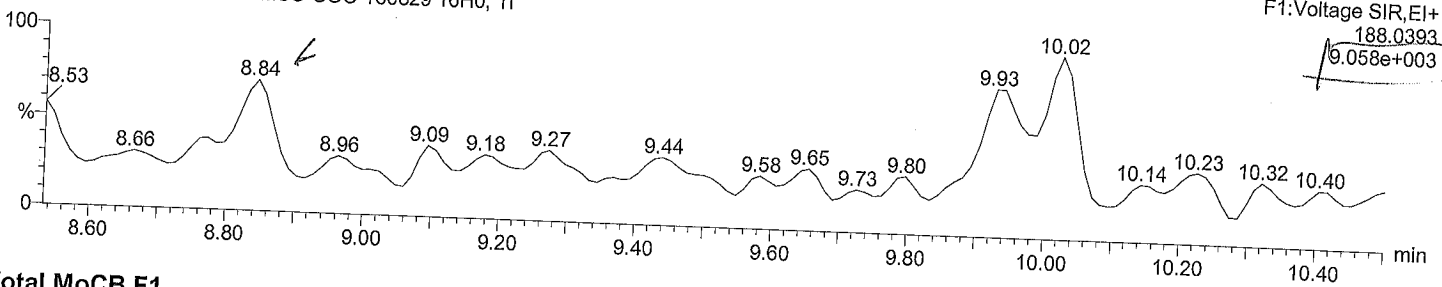
Last Altered: Wednesday, December 07, 2016 12:17:21 PM
Printed: Wednesday, December 07, 2016 12:18:35 PM

Method: C:\MassLynx\Default.PRO\MethDB\EPA 1668_M2161205B.mdb 06 Dec 2016 10:41:10
Calibration: C:\MassLynx\Default.pro\Curvedb\m2161205B_209.cdb 06 Dec 2016 10:53:58

Description: DIS273-01R
Vial: 9
Date: 06-Dec-2016
Time: 02:20:07
Instrument:

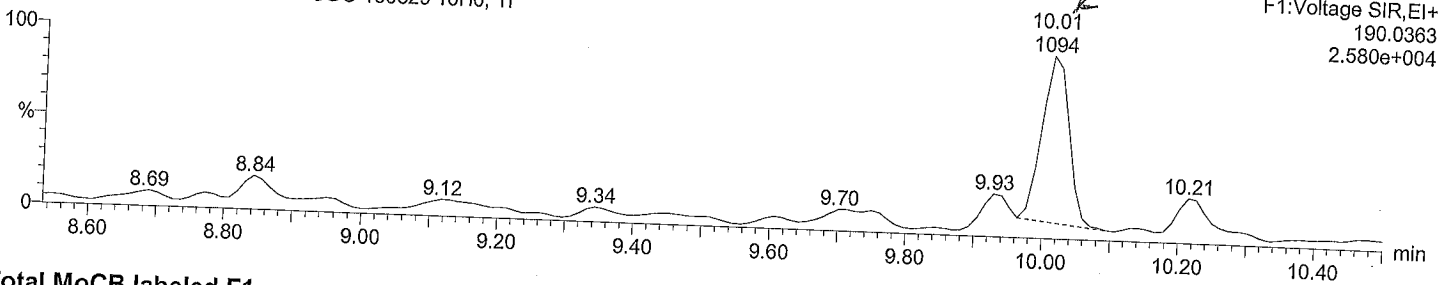
Total MoCB F1

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI



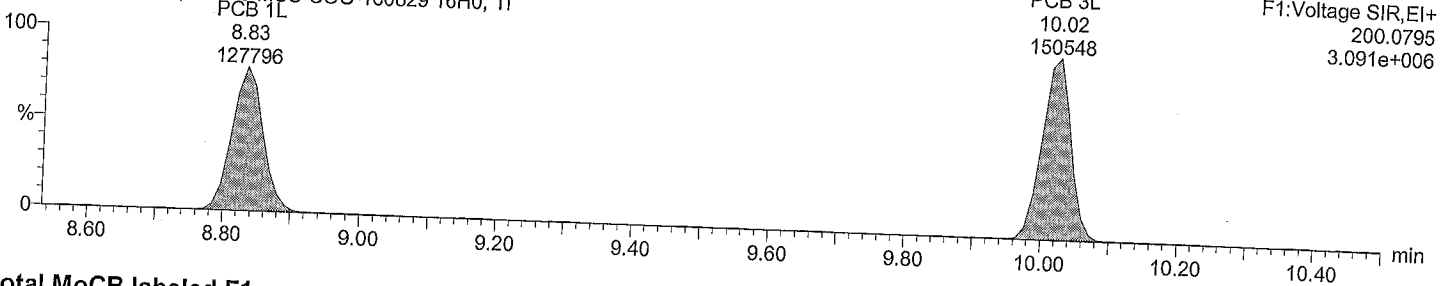
Total MoCB F1

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI



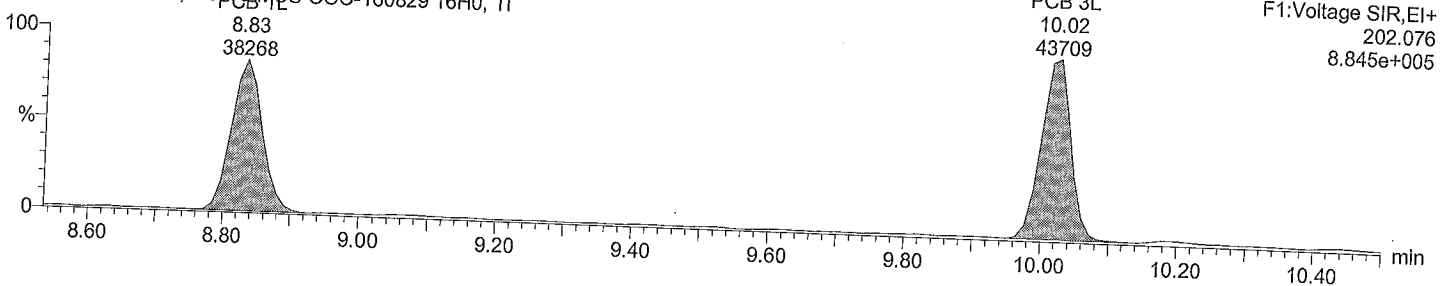
Total MoCB labeled F1

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI



Total MoCB labeled F1

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI



AutoSpec Ultima - M2

Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 12:17:21 PM

Printed: Wednesday, December 07, 2016 12:18:35 PM

Description: DIS273-01R

Vial: 9

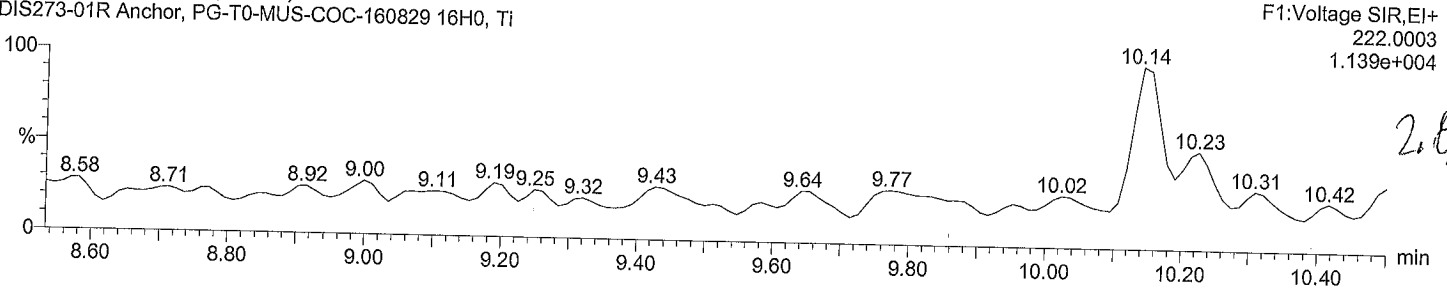
Date: 06-Dec-2016

Time: 02:20:07

Instrument:

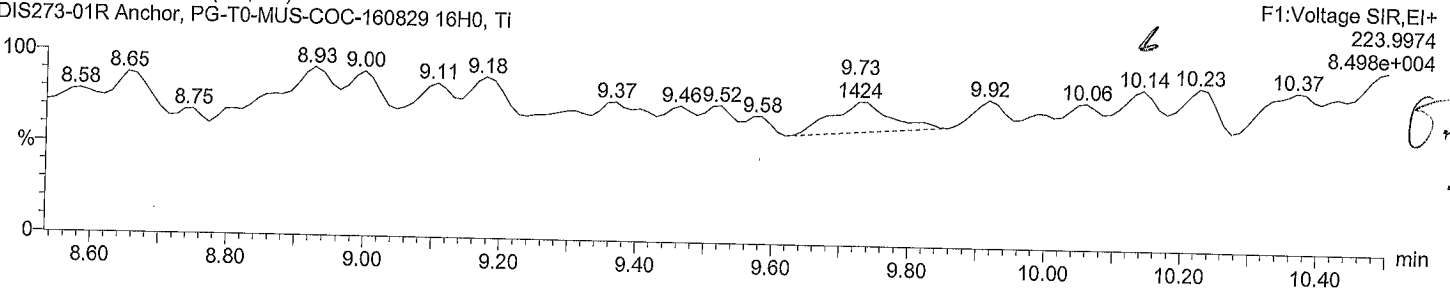
Total DiCB F1

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti



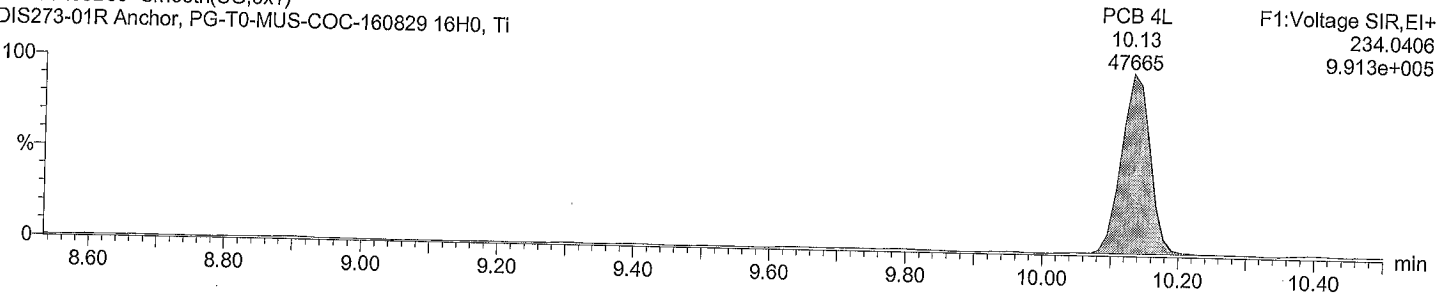
Total DiCB F1

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti



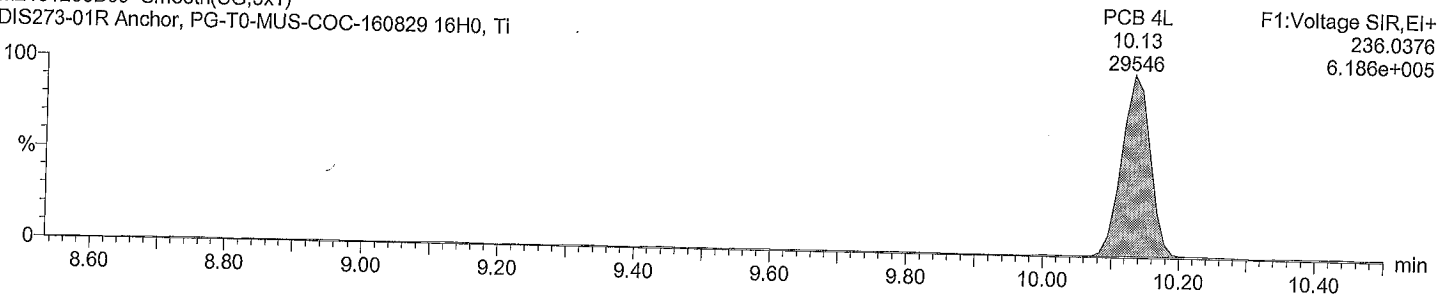
Total DiCB labeled F1

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti



Total DiCB labeled F1

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

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Printed: Wednesday, December 07, 2016 12:18:35 PM

Description: DIS273-01R

Vial: 9

Date: 06-Dec-2016

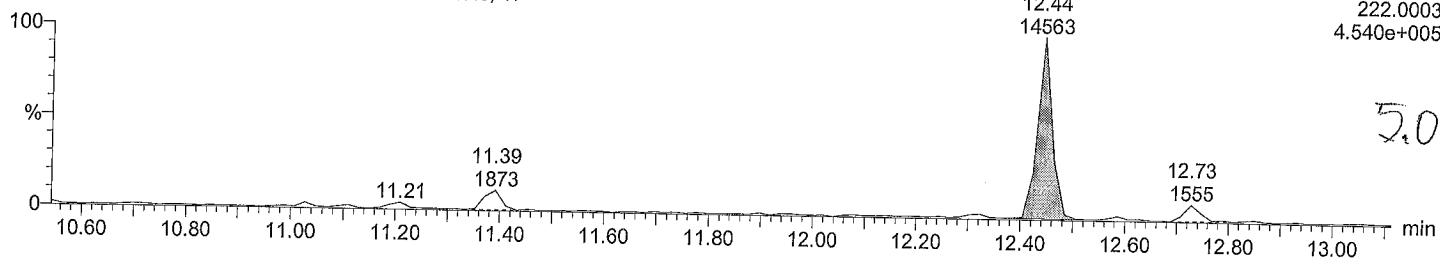
Time: 02:20:07

Instrument:

Total DiCB F2

M2161205B09

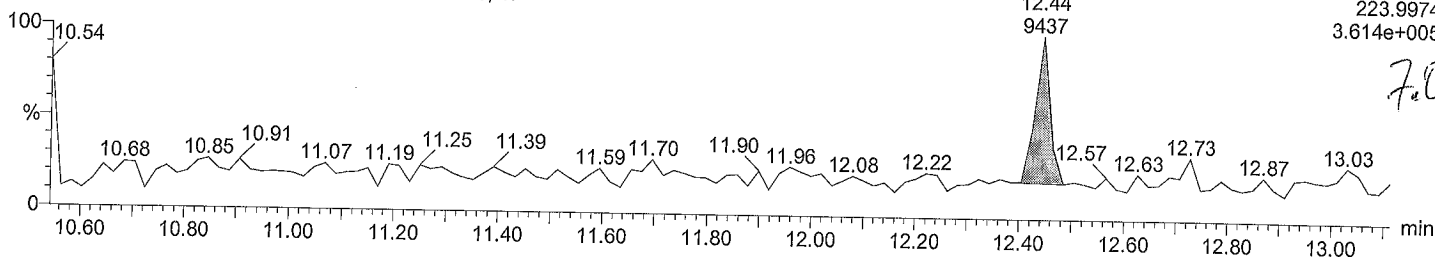
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti



Total DiCB F2

M2161205B09

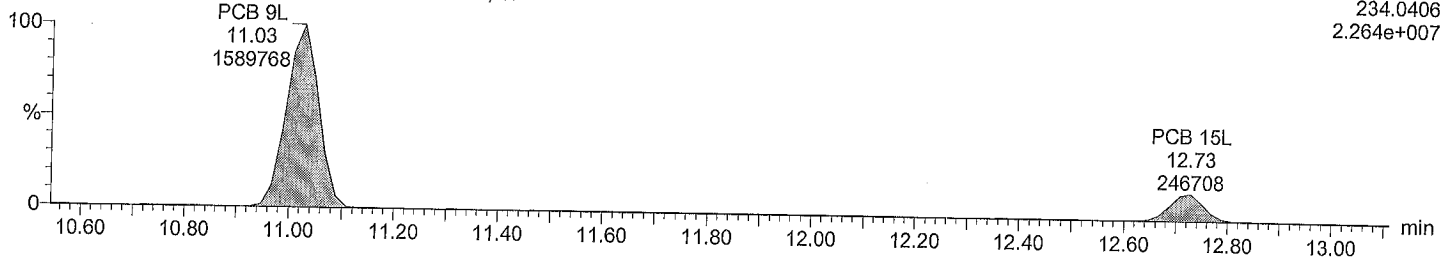
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti



Total DiCB labeled F2

M2161205B09 Smooth(SG,3x1)

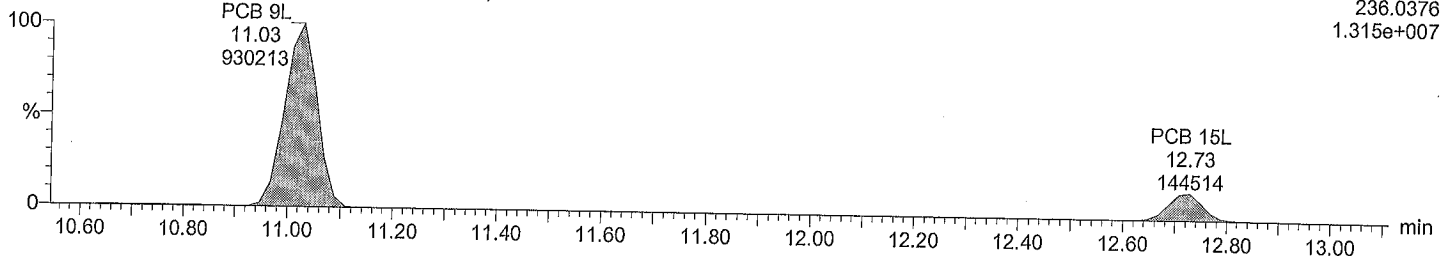
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti



Total DiCB labeled F2

M2161205B09 Smooth(SG,3x1)

DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti



Quantify Sample Report

Acquired Date

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Description: DIS273-01R

Vial: 9

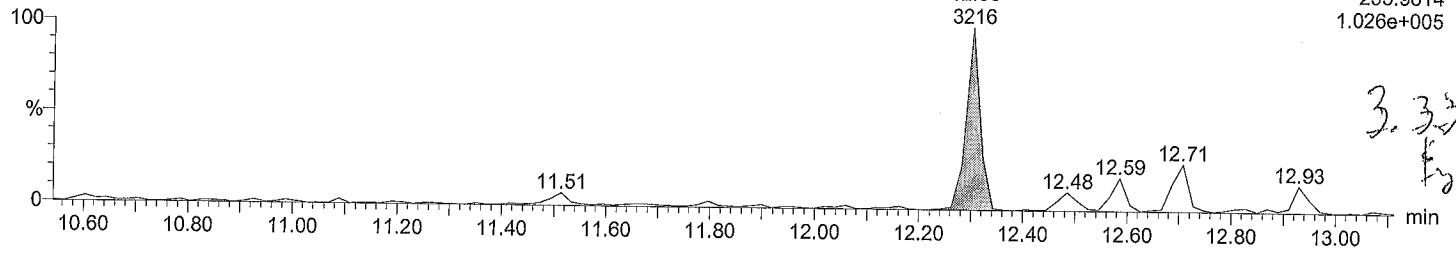
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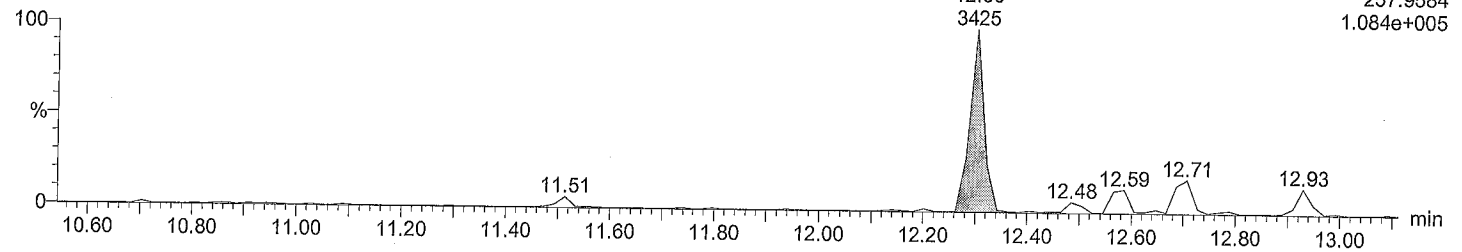
Total TriCB F2

M2161205B09
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti



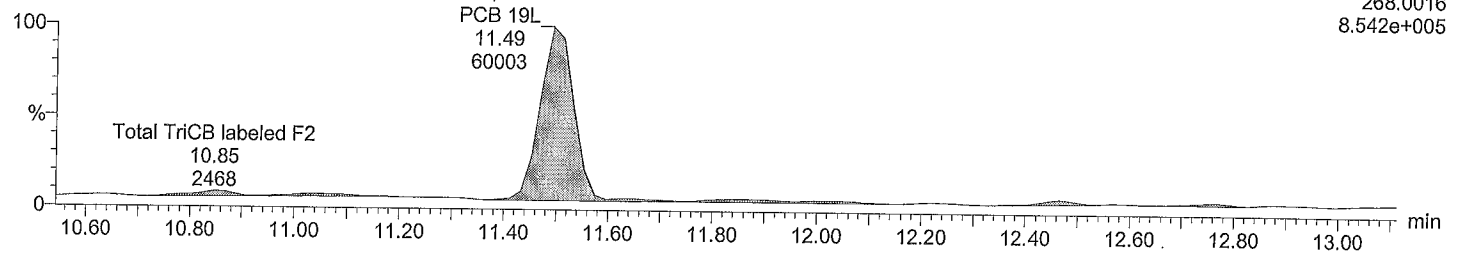
Total TriCB F2

M2161205B09
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti



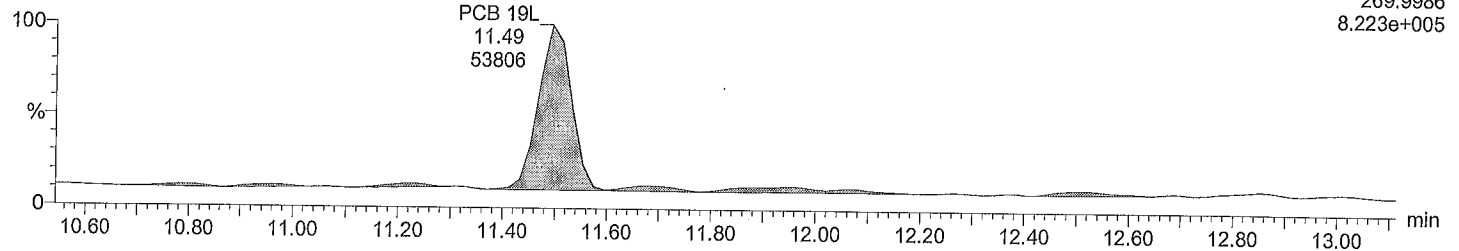
Total TriCB labeled F2

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti



Total TriCB labeled F2

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 12:17:21 PM

Printed: Wednesday, December 07, 2016 12:18:35 PM

Description: DIS273-01R

Vial: 9

Date: 06-Dec-2016

Time: 02:20:07

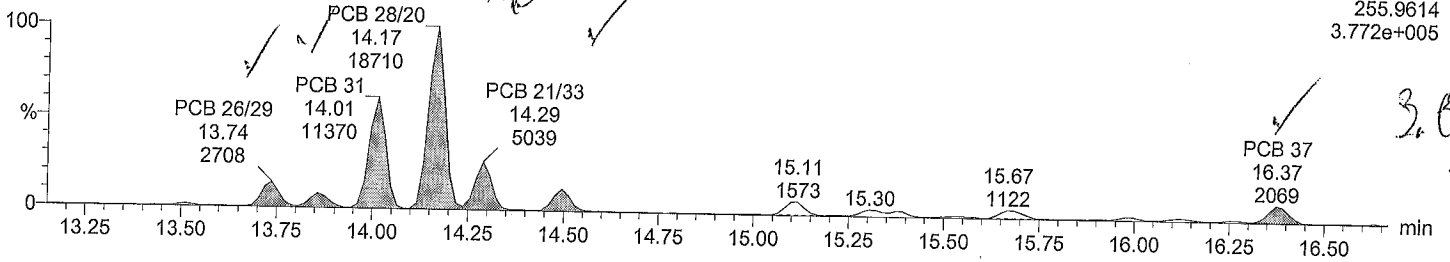
Instrument:

Total TriCB F3

M2161205B09 Smooth(SG,1x1)

DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI

F3:Voltage SIR,EI+
255.9614
3.772e+005

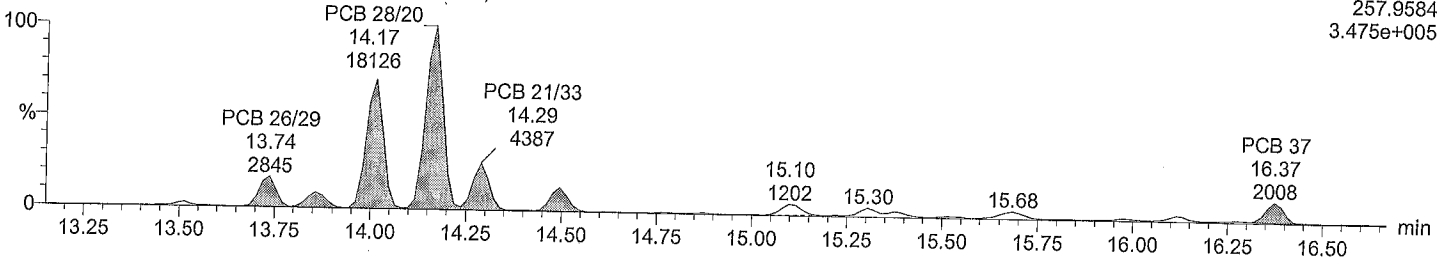


Total TriCB F3

M2161205B09 Smooth(SG,1x1)

DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI

F3:Voltage SIR,EI+
257.9584
3.475e+005

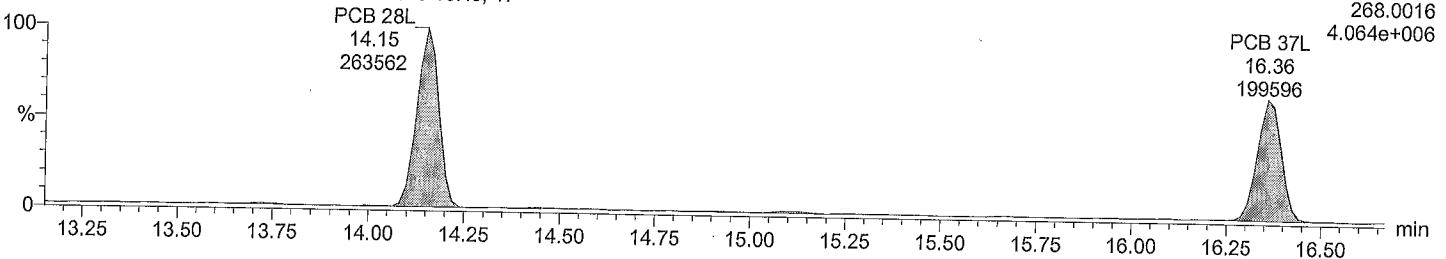


Total TriCB labeled F3

M2161205B09 Smooth(SG,3x1)

DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI

F3:Voltage SIR,EI+
268.0016
4.064e+006

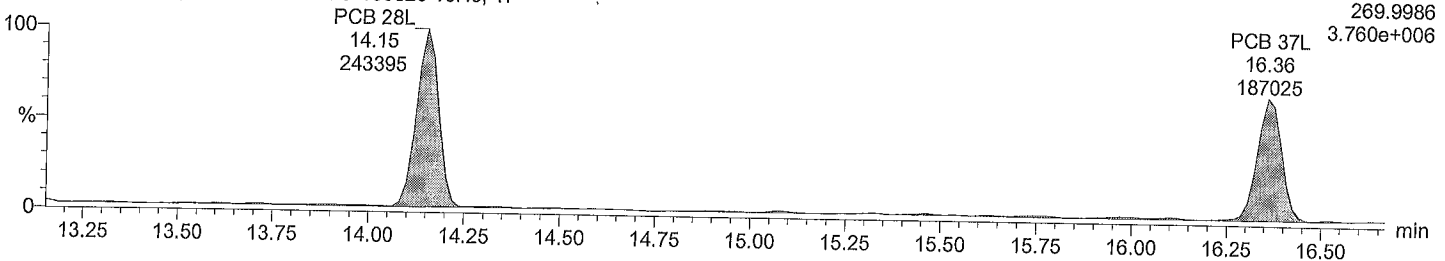


Total TriCB labeled F3

M2161205B09 Smooth(SG,3x1)

DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI

F3:Voltage SIR,EI+
269.9986
3.760e+006



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

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Printed: Wednesday, December 07, 2016 12:18:35 PM

Description: DIS273-01R

Vial: 9

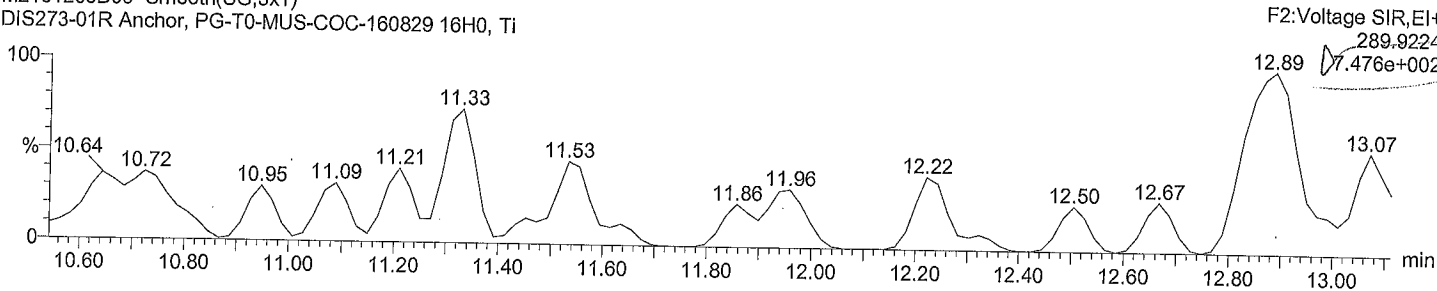
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Instrument:

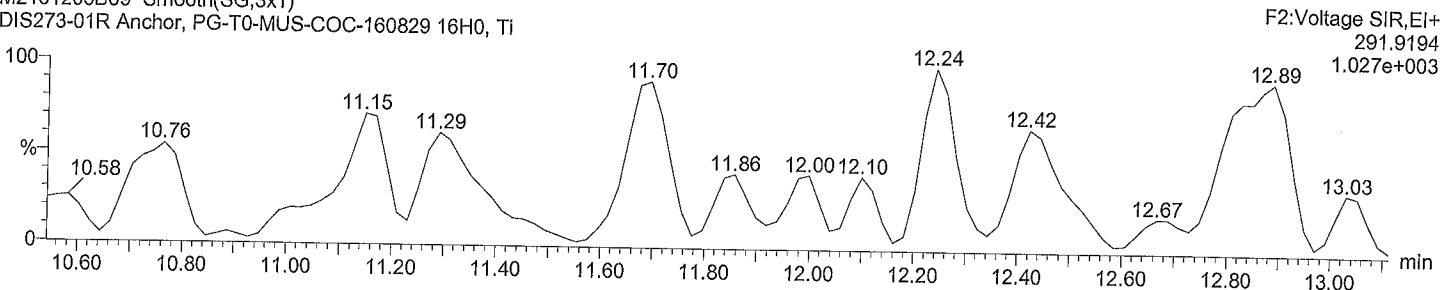
Total TeCB F2

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI



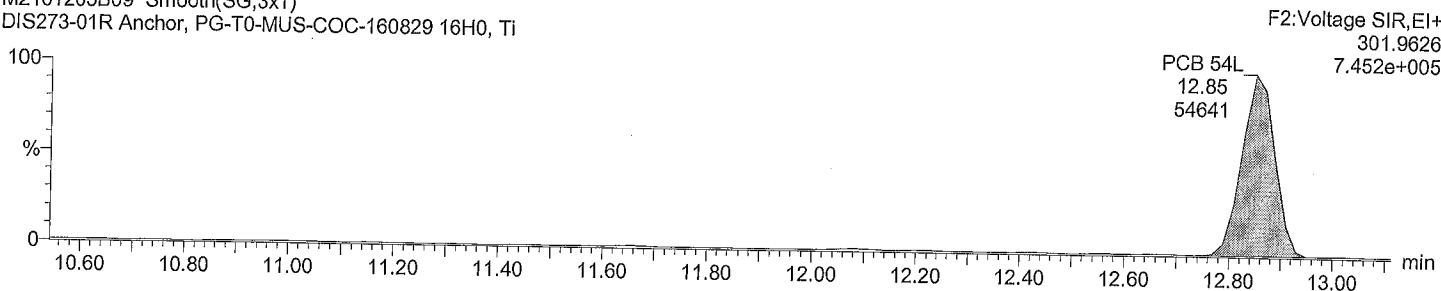
Total TeCB F2

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI



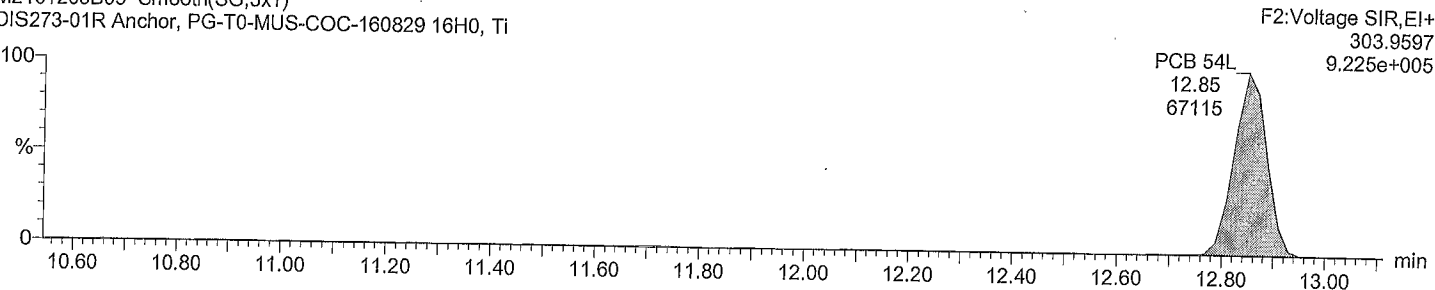
Total TeCB labeled F2

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI



Total TeCB labeled F2

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

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Printed: Wednesday, December 07, 2016 12:18:35 PM

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Vial: 9

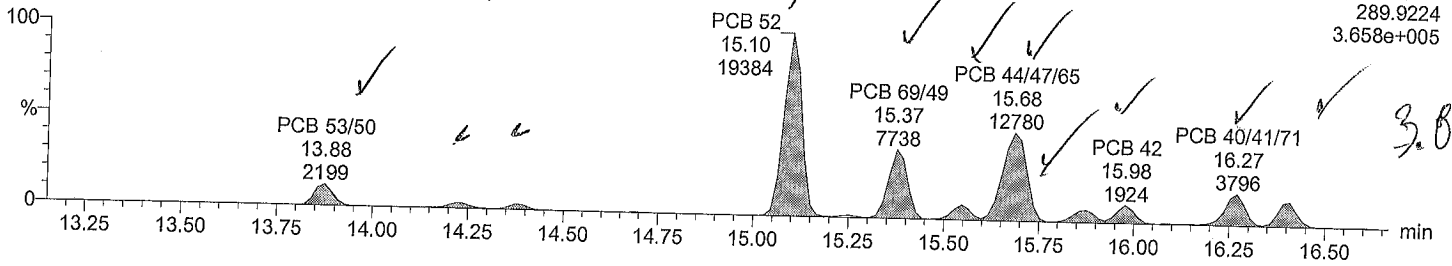
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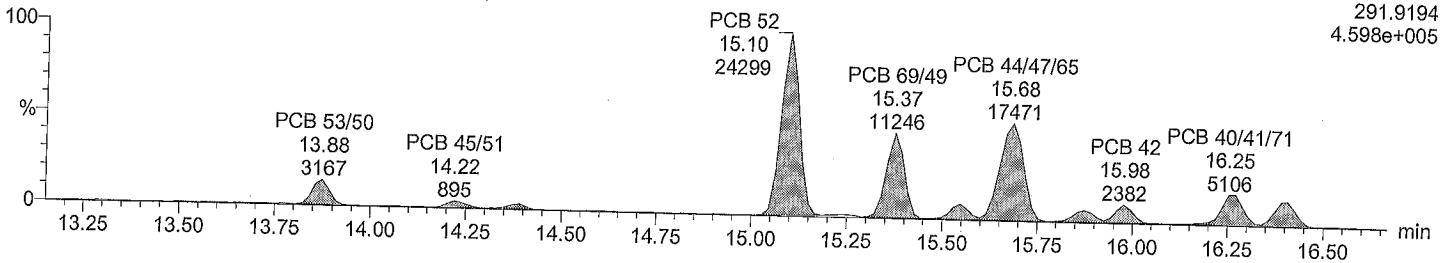
Total TeCB F3

M2161205B09 Smooth(SG,1x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti



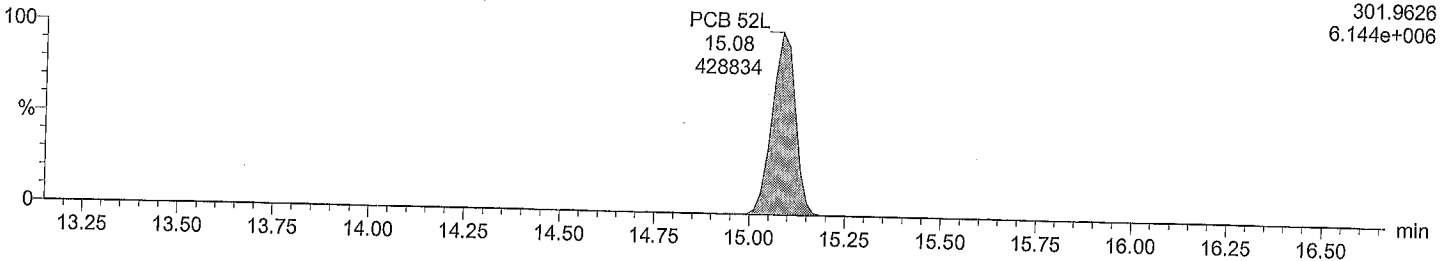
Total TeCB F3

M2161205B09 Smooth(SG,1x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti



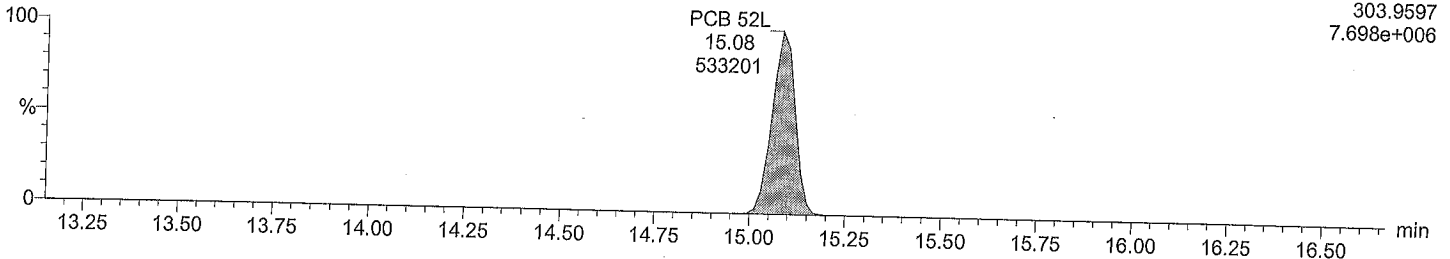
Total TeCB labeled F3

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti



Total TeCB labeled F3

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

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Printed: Wednesday, December 07, 2016 12:18:35 PM

Description: DIS273-01R

Vial: 9

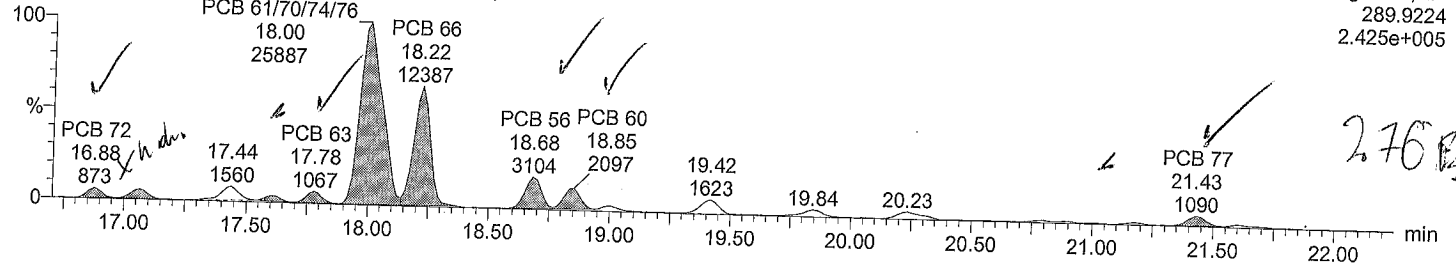
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Instrument:

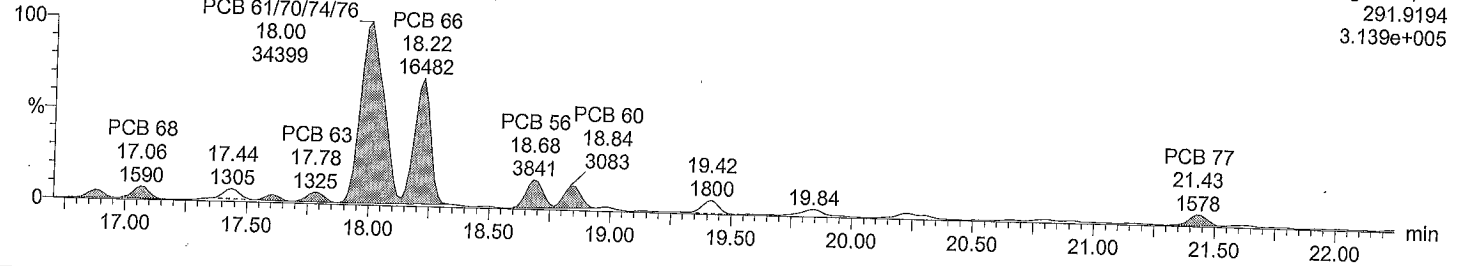
Total TeCB F4

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI



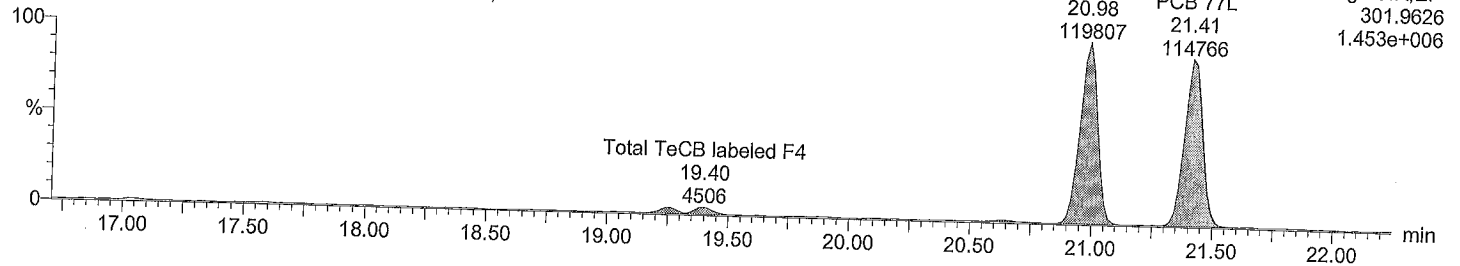
Total TeCB F4

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI



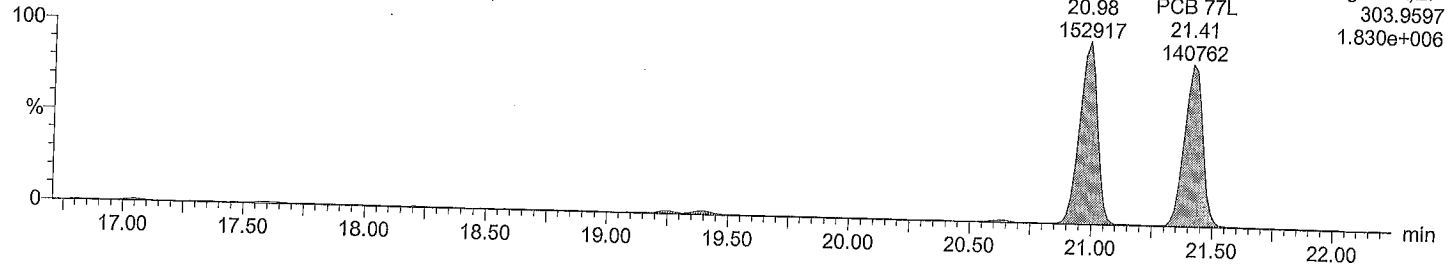
Total TeCB labeled F4

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI



Total TeCB labeled F4

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

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Printed: Wednesday, December 07, 2016 12:18:35 PM

Description: DIS273-01R

Vial: 9

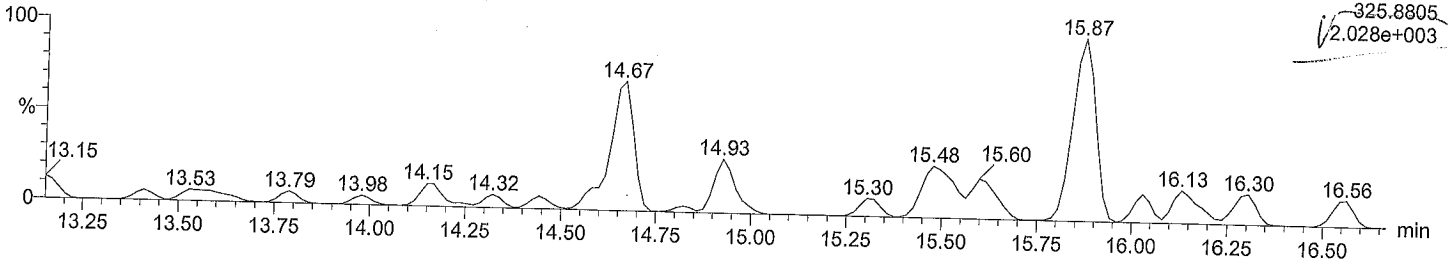
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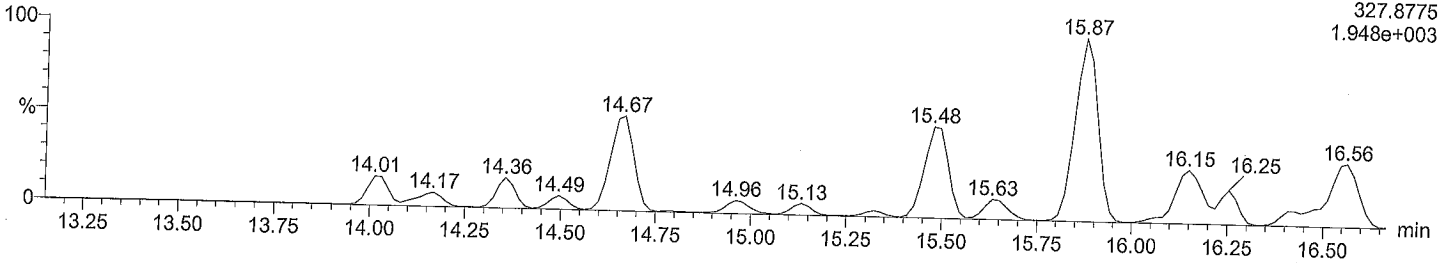
Total PeCB F3

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti



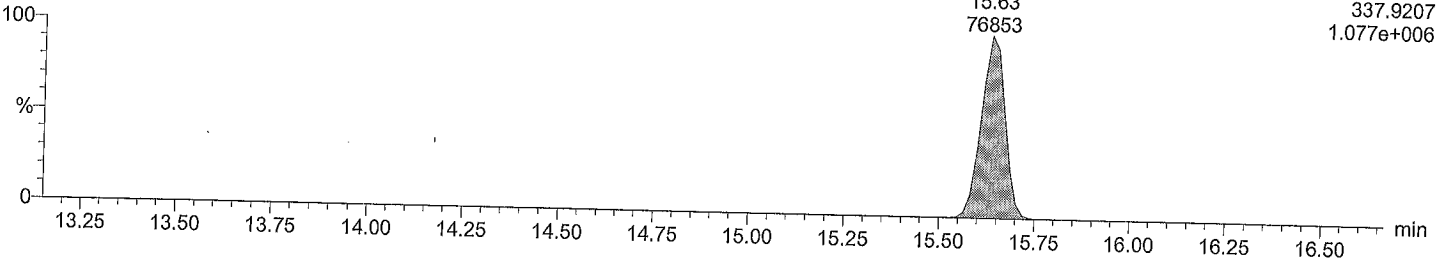
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DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti



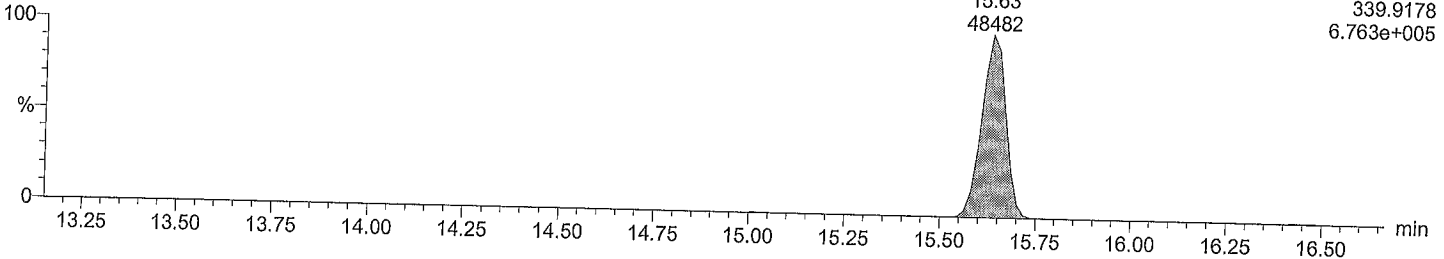
Total PeCB labeled F3

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DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti



Total PeCB labeled F3

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

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Description: DIS273-01R

Vial: 9

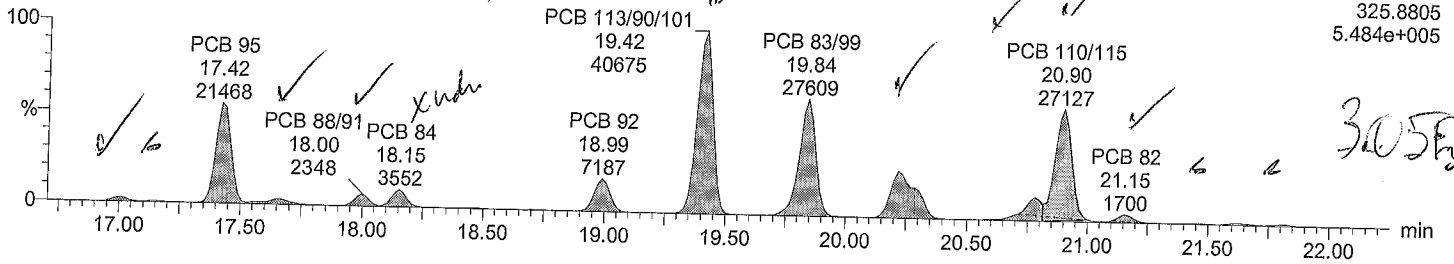
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Time: 02:20:07

Instrument:

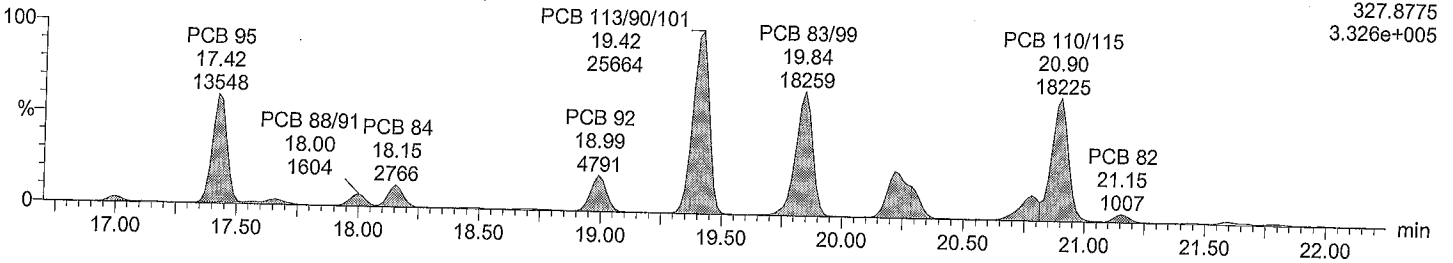
Total PeCB F4

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DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI



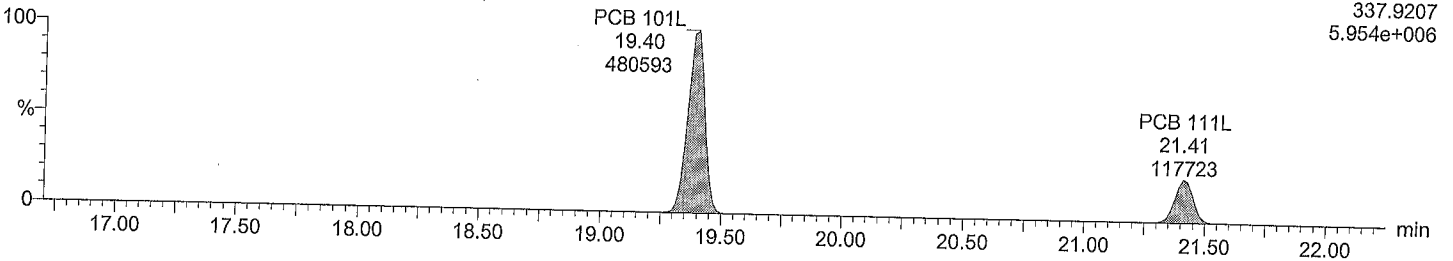
Total PeCB F4

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DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI



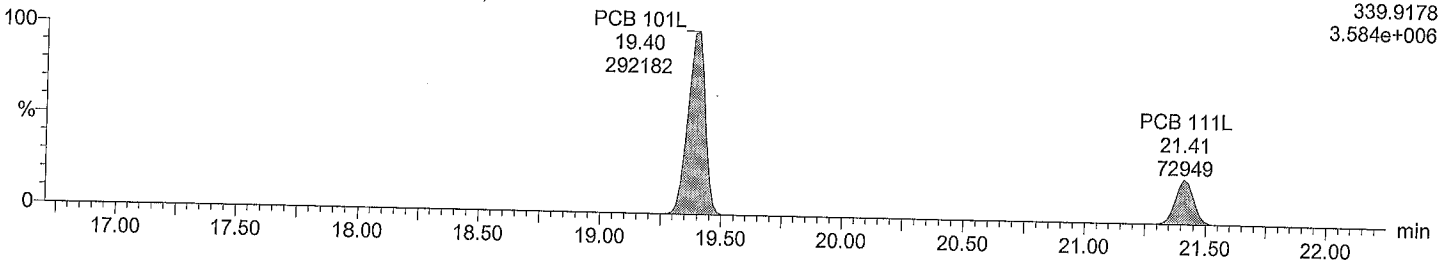
Total PeCB labeled F4

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI



Total PeCB labeled F4

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI



Quantify Sample Report

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Description: DIS273-01R

Vial: 9

Date: 06-Dec-2016

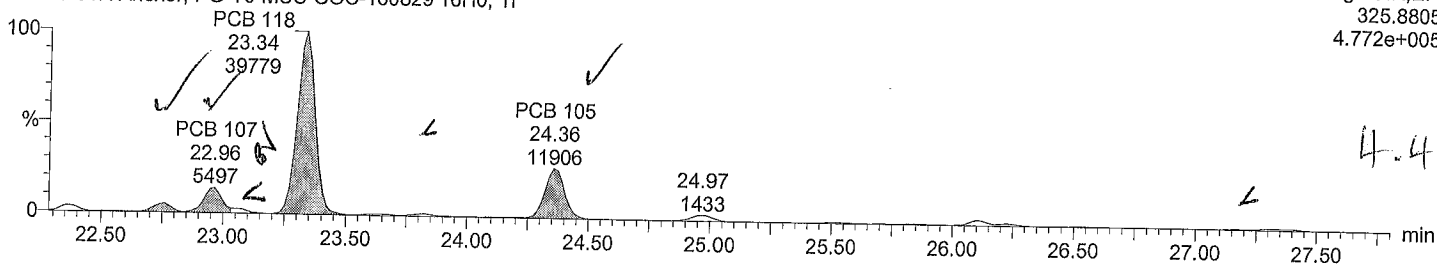
Time: 02:20:07

Instrument:

Total PeCB F5

M2161205B09 Smooth(SG,2x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti

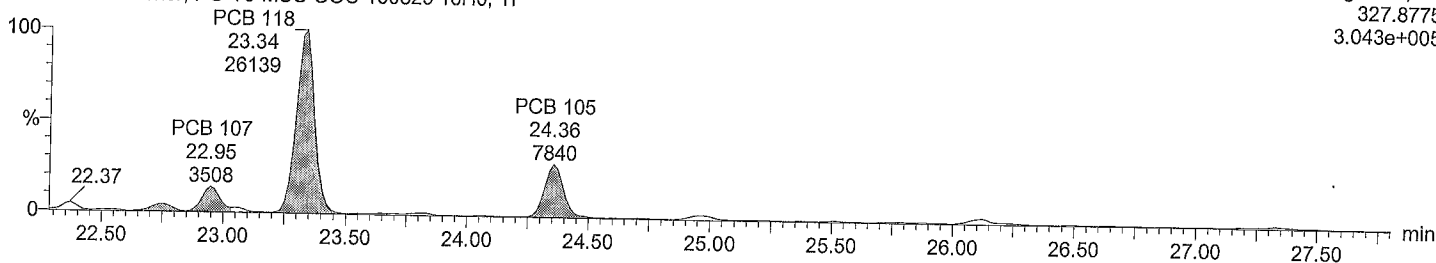
F5:Voltage SIR,EI+
325.8805
4.772e+005



Total PeCB F5

M2161205B09 Smooth(SG,2x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti

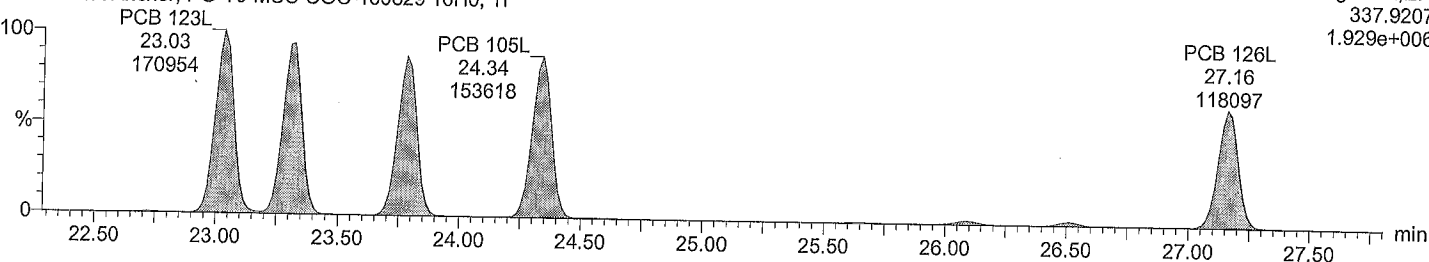
F5:Voltage SIR,EI+
327.8775
3.043e+005



Total PeCB labeled F5

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti

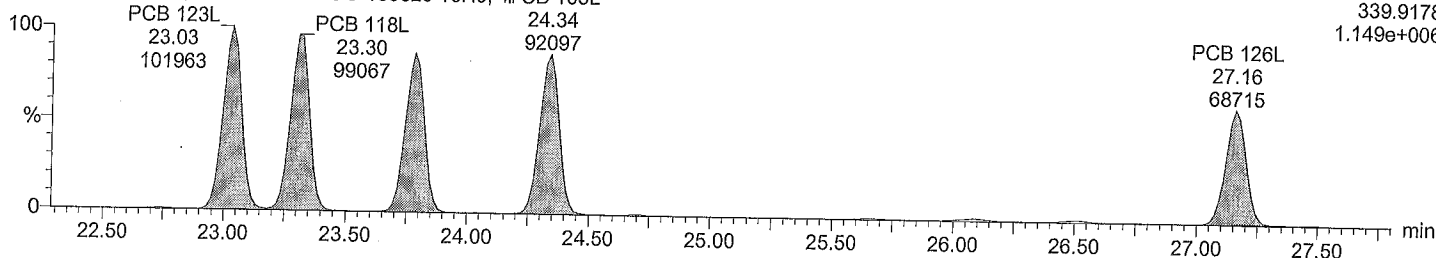
F5:Voltage SIR,EI+
337.9207
1.929e+006



Total PeCB labeled F5

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti PCB 105L

F5:Voltage SIR,EI+
339.9178
1.149e+006



Quantify Sample Report

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Printed: Wednesday, December 07, 2016 12:18:35 PM

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Vial: 9

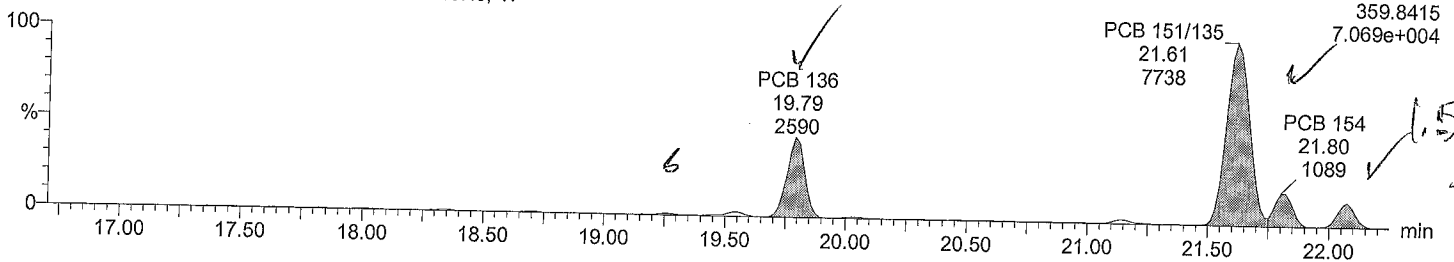
Date: 06-Dec-2016

Time: 02:20:07

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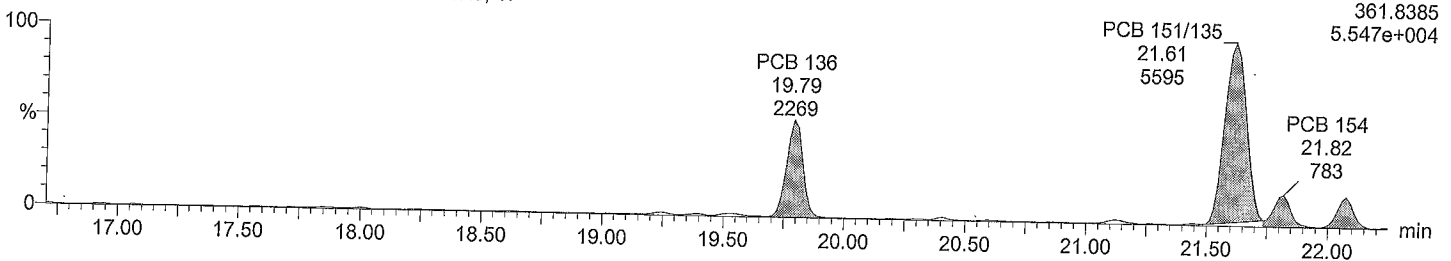
Total HxCB F4

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI



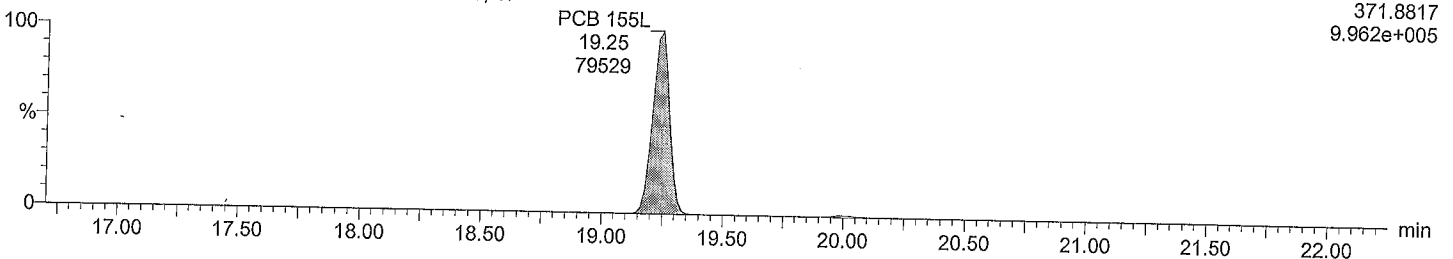
Total HxCB F4

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI



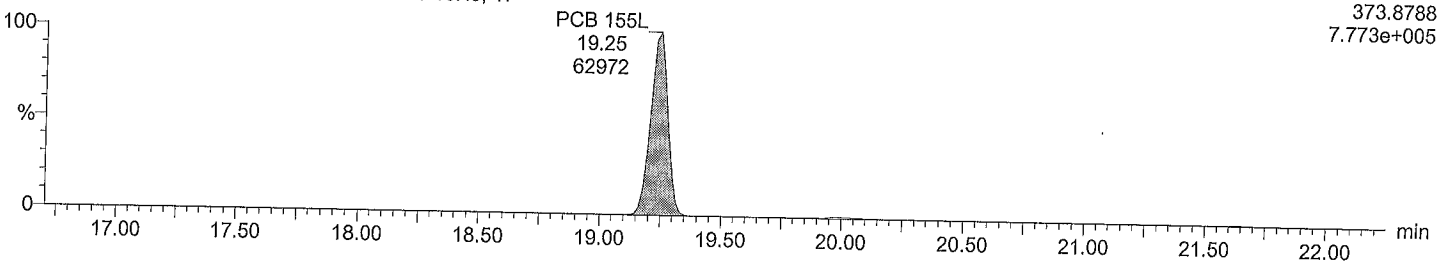
Total HxCB labeled F4

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI



Total HxCB labeled F4

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI



Quantify Sample Report

Acquired Date

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Printed: Wednesday, December 07, 2016 12:18:35 PM

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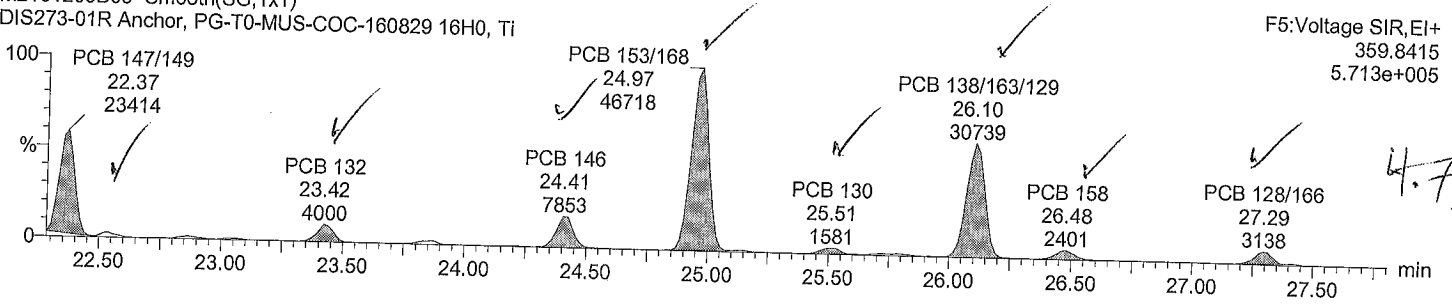
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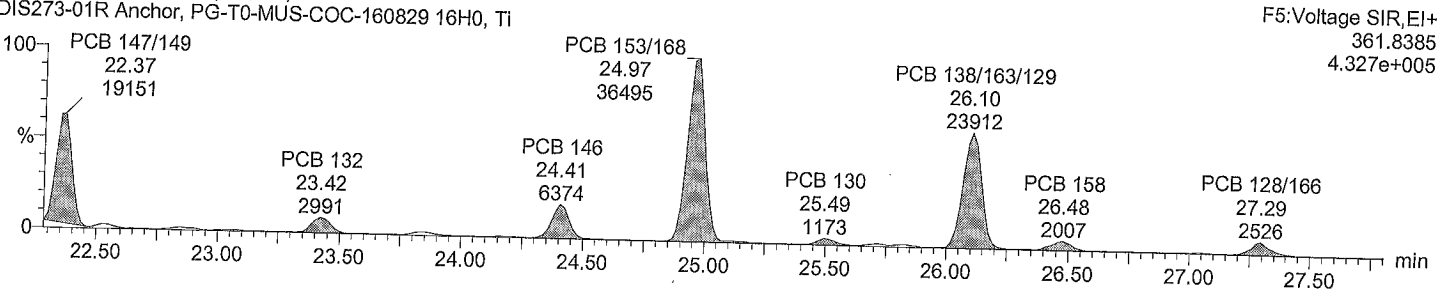
Total HxCB F5

M2161205B09 Smooth(SG,1x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI



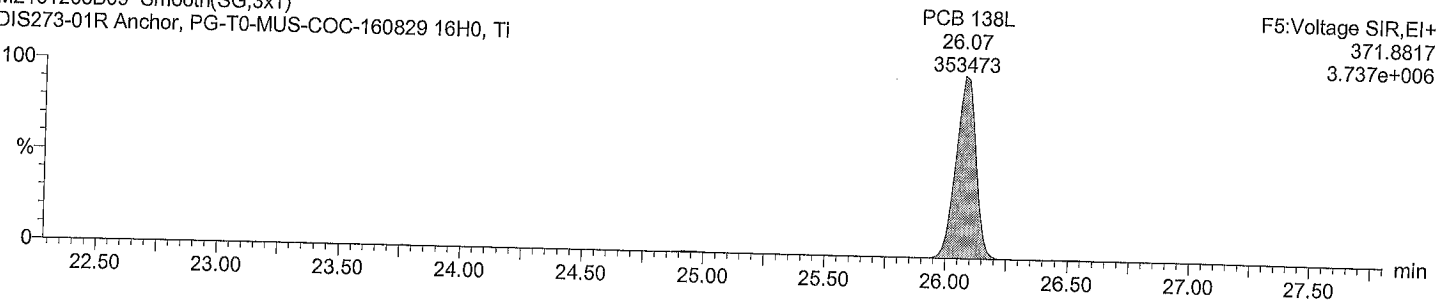
Total HxCB F5

M2161205B09 Smooth(SG,1x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI



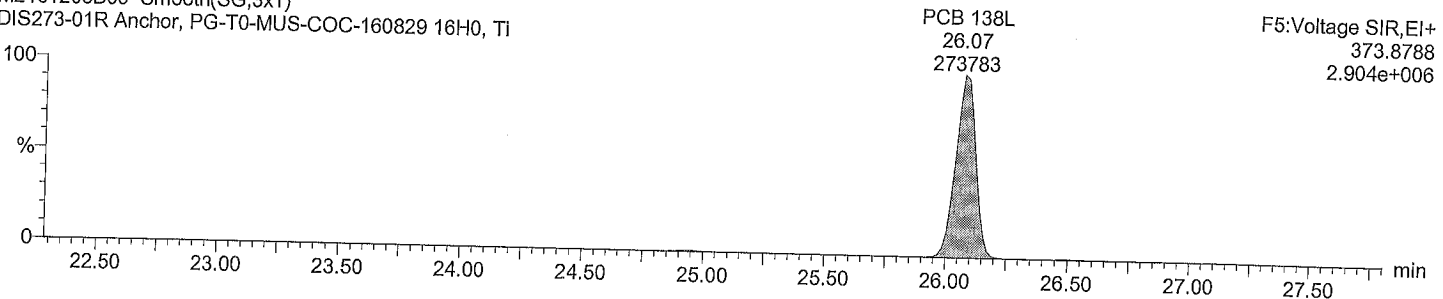
Total HxCB labeled F5

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI



Total HxCB labeled F5

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI



Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 12:17:21 PM
Printed: Wednesday, December 07, 2016 12:18:35 PM

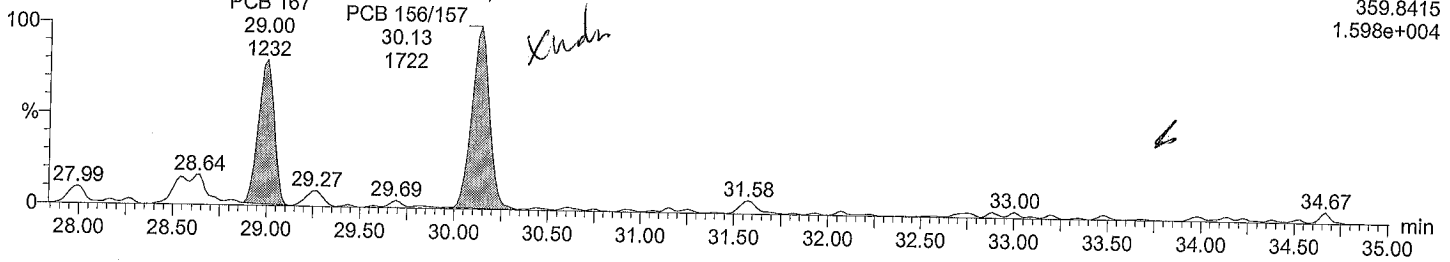
Description: DIS273-01R

Vial: 9
Date: 06-Dec-2016
Time: 02:20:07
Instrument:

Total HxCB F6

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti

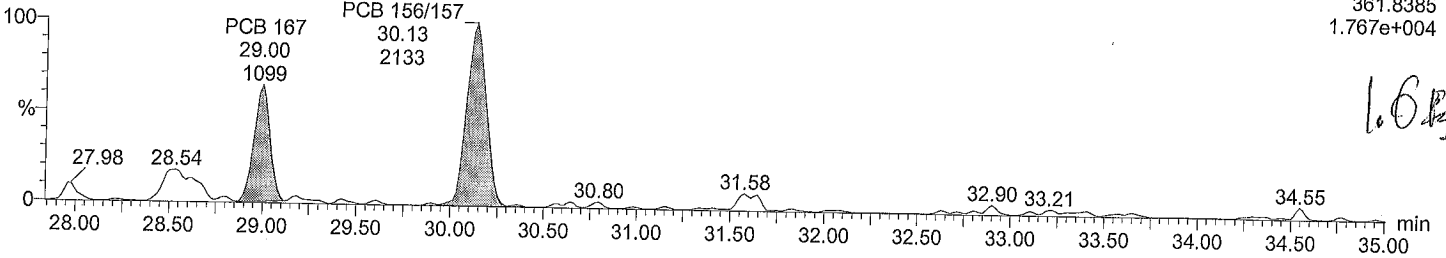
F6:Voltage SIR,EI+
359.8415
1.598e+004



Total HxCB F6

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti

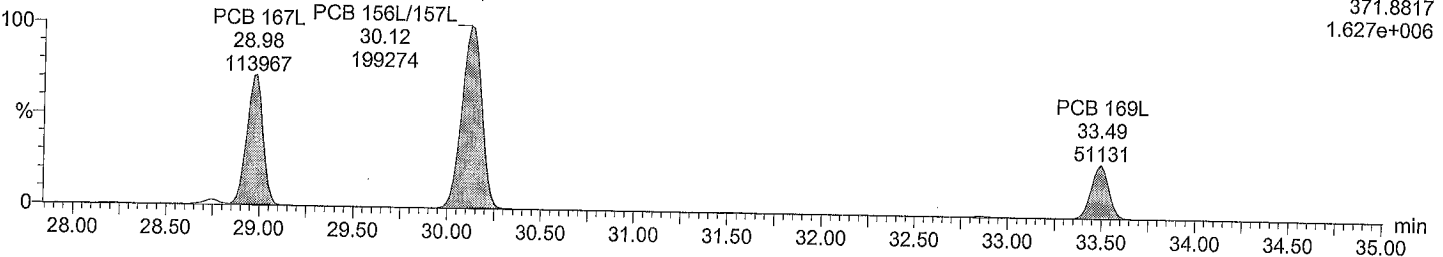
F6:Voltage SIR,EI+
361.8385
1.767e+004



Total HxCB labeled F6

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti

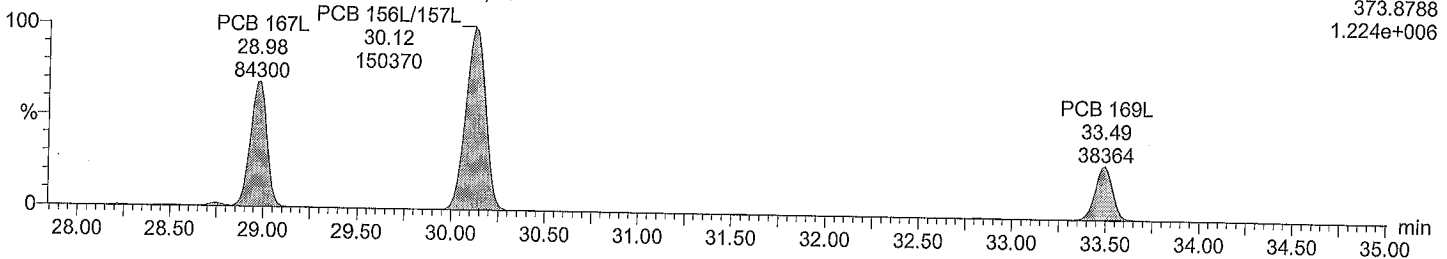
F6:Voltage SIR,EI+
371.8817
1.627e+006



Total HxCB labeled F6

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti

F6:Voltage SIR,EI+
373.8788
1.224e+006



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

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Printed: Wednesday, December 07, 2016 12:18:35 PM

Description: DIS273-01R

Vial: 9

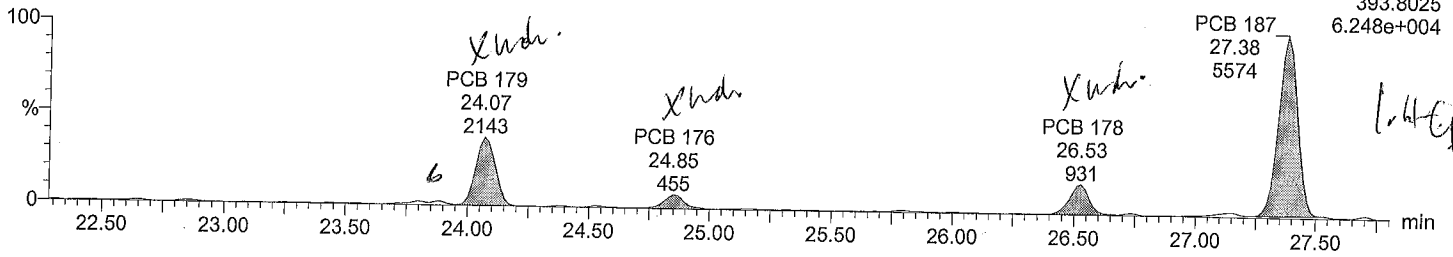
Date: 06-Dec-2016

Time: 02:20:07

Instrument:

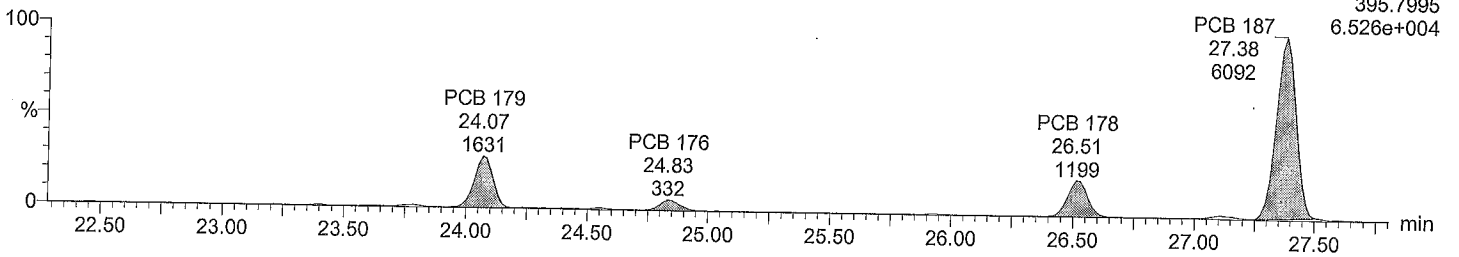
Total HpCB F5

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI



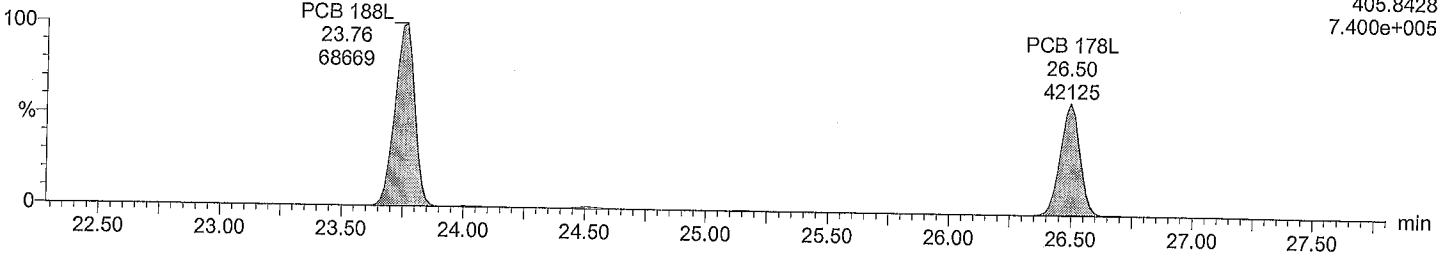
Total HpCB F5

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI



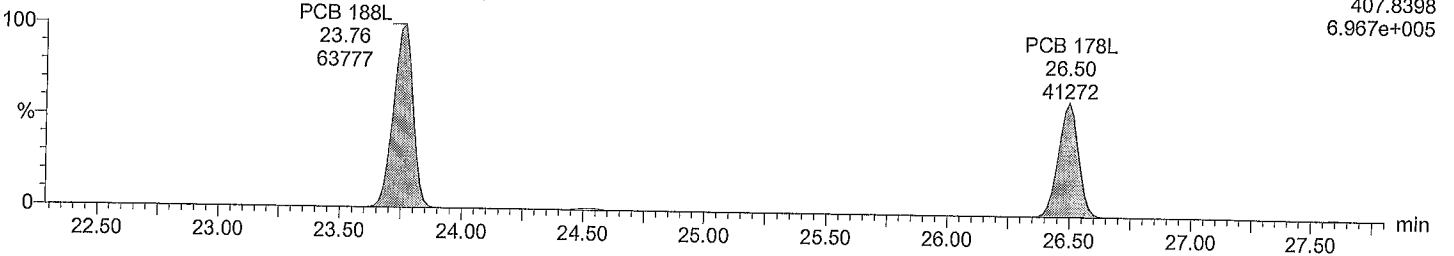
Total HpCB labeled F5

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI



Total HpCB labeled F5

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 12:17:21 PM

Printed: Wednesday, December 07, 2016 12:18:35 PM

Description: DIS273-01R

Vial: 9

Date: 06-Dec-2016

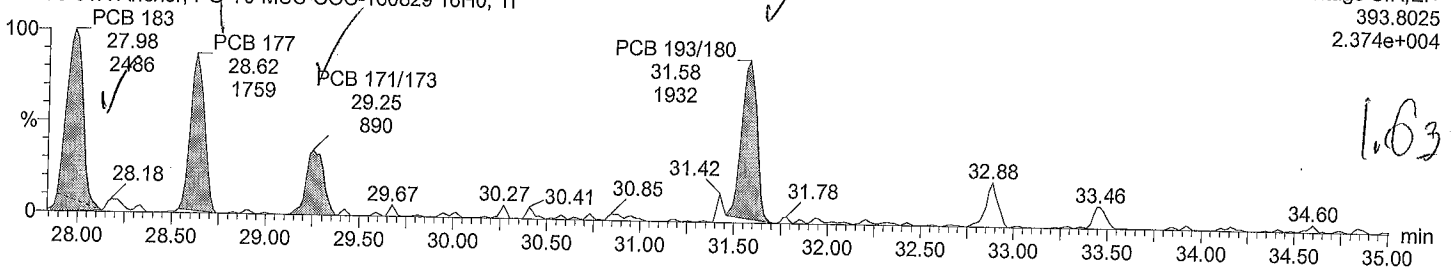
Time: 02:20:07

Instrument:

Total HpCB F6

M2161205B09 Smooth(SG,1x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI

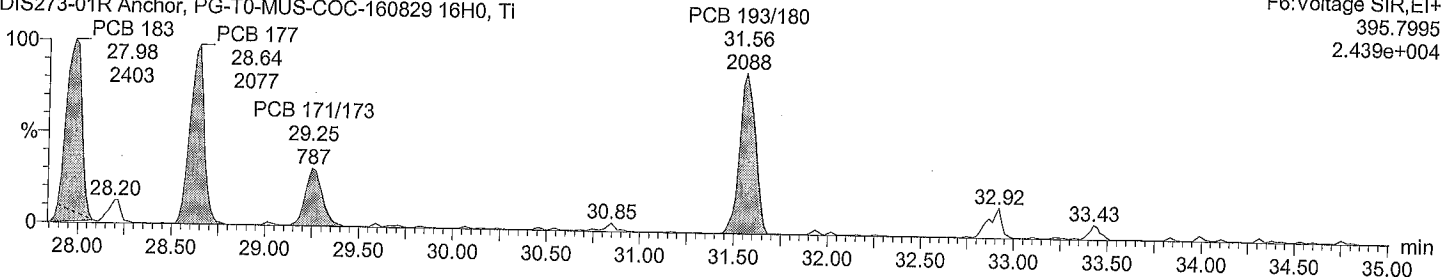
F6:Voltage SIR,EI+
393.8025
2.374e+004



Total HpCB F6

M2161205B09 Smooth(SG,1x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI

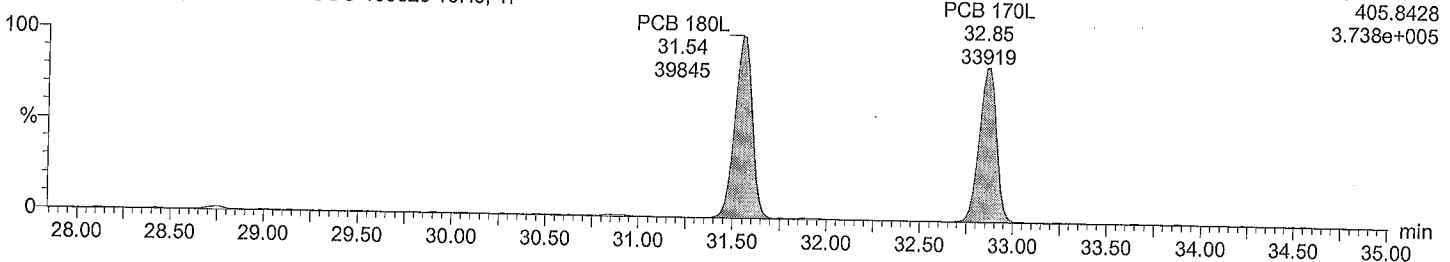
F6:Voltage SIR,EI+
395.7995
2.439e+004



Total HpCB labeled F6

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI

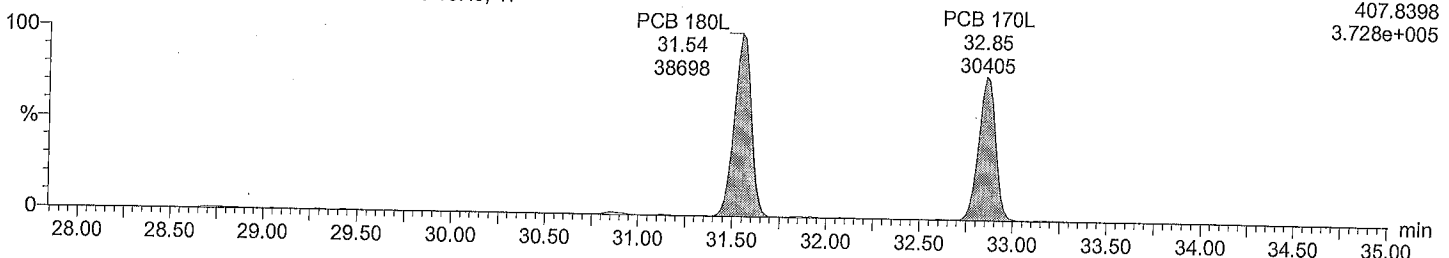
F6:Voltage SIR,EI+
405.8428
3.738e+005



Total HpCB labeled F6

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI

F6:Voltage SIR,EI+
407.8398
3.728e+005



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 12:17:21 PM

Printed: Wednesday, December 07, 2016 12:18:35 PM

Description: DIS273-01R

Vial: 9

Date: 06-Dec-2016

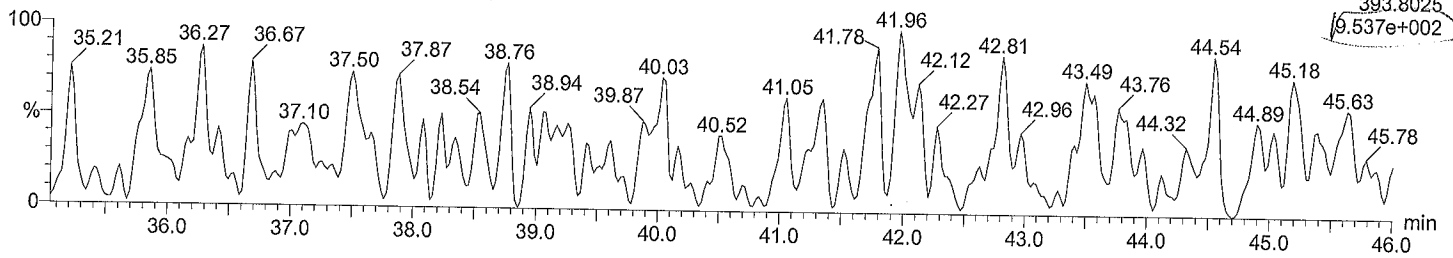
Time: 02:20:07

Instrument:

Total HpCB F7

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti

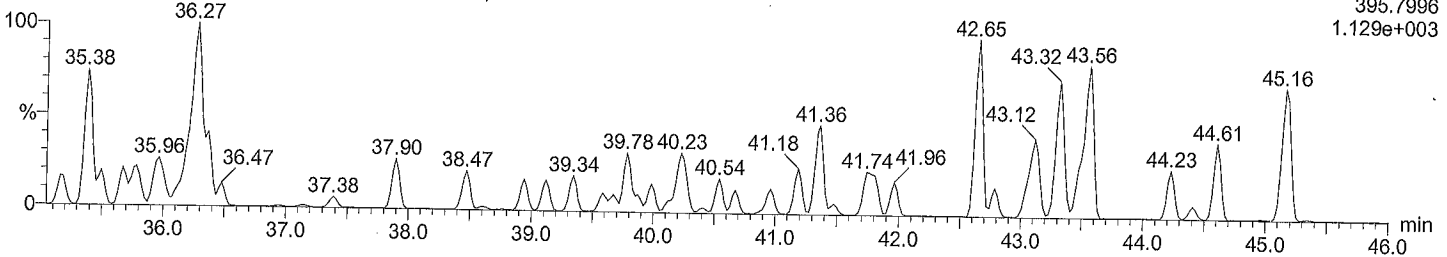
F7:Voltage SIR,EI+
393.8025
9.537e+002



Total HpCB F7

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti

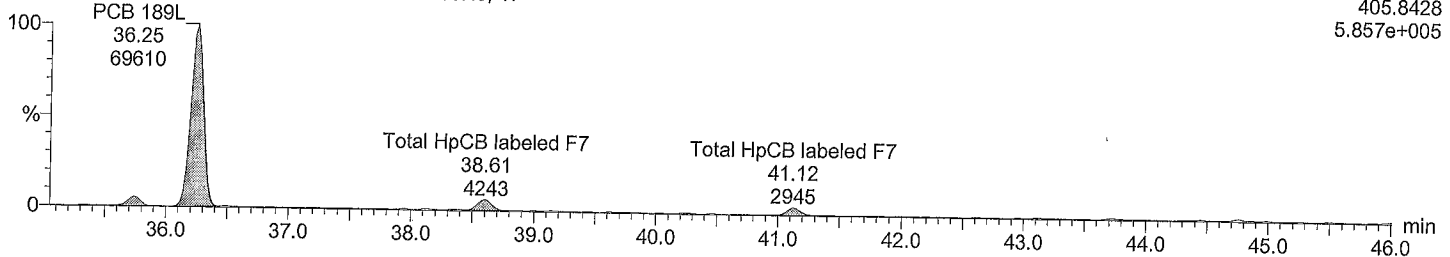
F7:Voltage SIR,EI+
395.7996
1.129e+003



Total HpCB labeled F7

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti

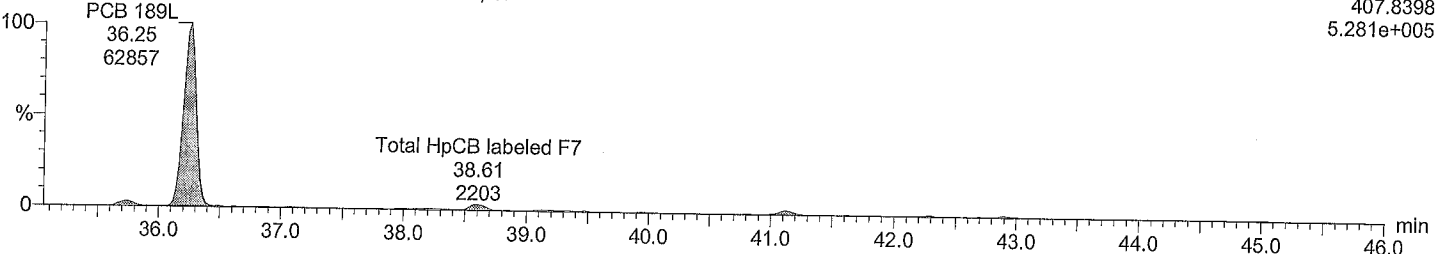
F7:Voltage SIR,EI+
405.8428
5.857e+005



Total HpCB labeled F7

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti

F7:Voltage SIR,EI+
407.8398
5.281e+005



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 12:17:21 PM

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Description: DIS273-01R

Vial: 9

Date: 06-Dec-2016

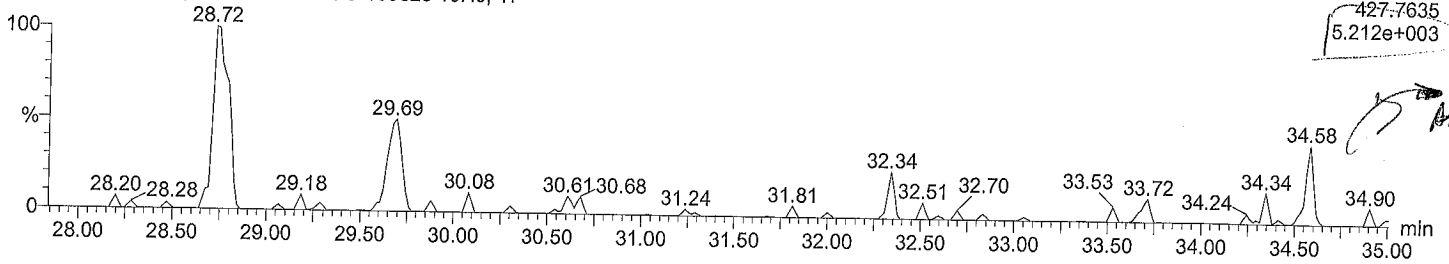
Time: 02:20:07

Instrument:

Total OcCB F6

M2161205B09 Smooth(SG,1x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti

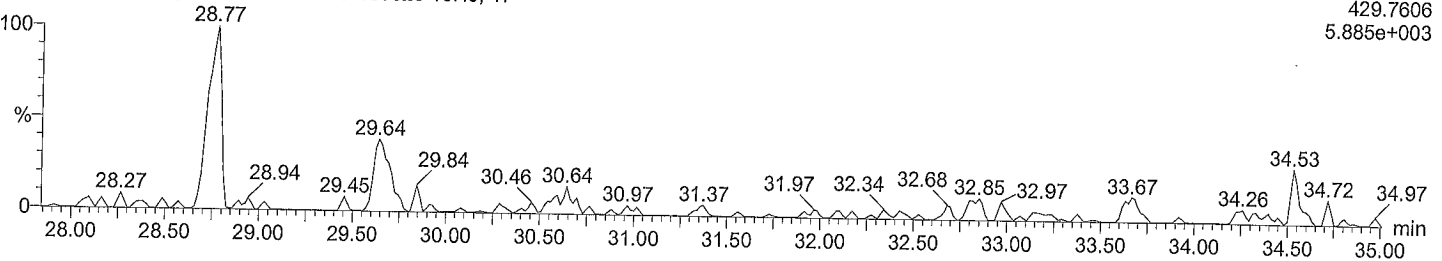
F6:Voltage SIR,EI+
427.7635
5.212e+003



Total OcCB F6

M2161205B09 Smooth(SG,1x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti

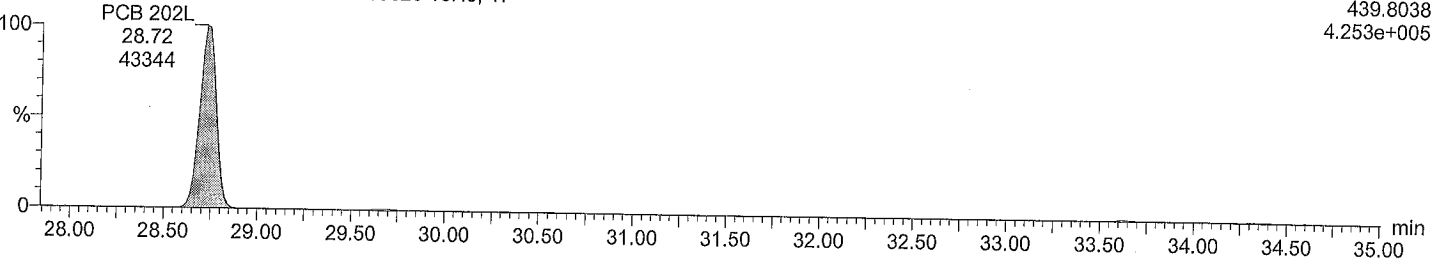
F6:Voltage SIR,EI+
429.7606
5.885e+003



Total OcCB labeled F6

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti

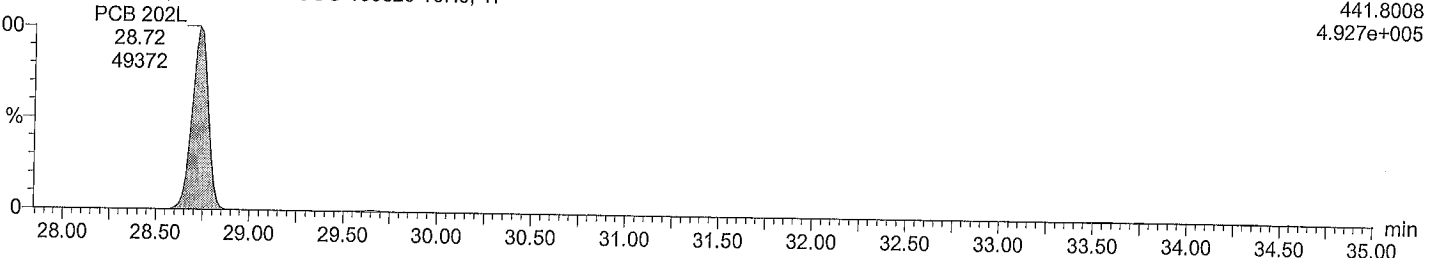
F6:Voltage SIR,EI+
439.8038
4.253e+005



Total OcCB labeled F6

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti

F6:Voltage SIR,EI+
441.8008
4.927e+005



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 12:17:21 PM

Printed: Wednesday, December 07, 2016 12:18:35 PM

Description: DIS273-01R

Vial: 9

Date: 06-Dec-2016

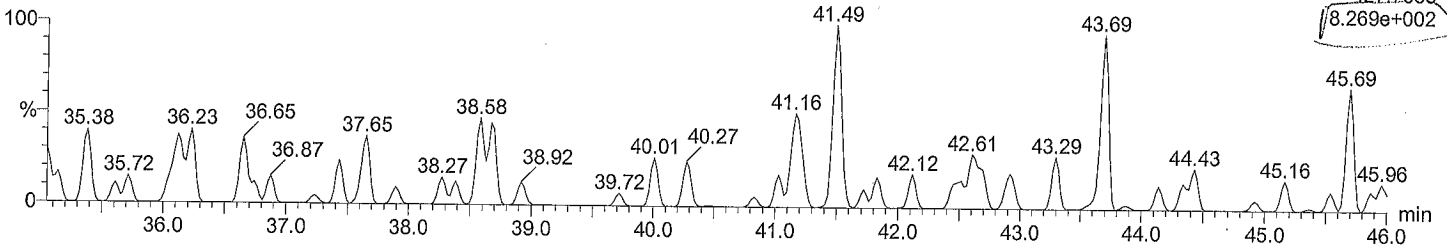
Time: 02:20:07

Instrument:

Total OcCB F7

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI

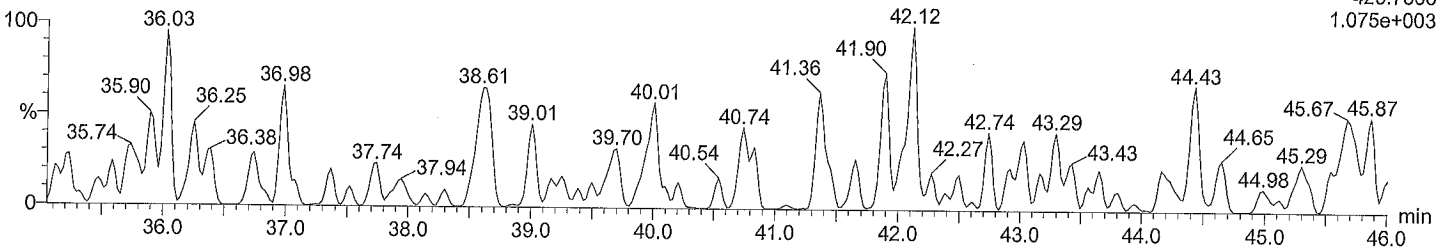
F7:Voltage SIR,EI+
427.7635
8.269e+002



Total OcCB F7

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI

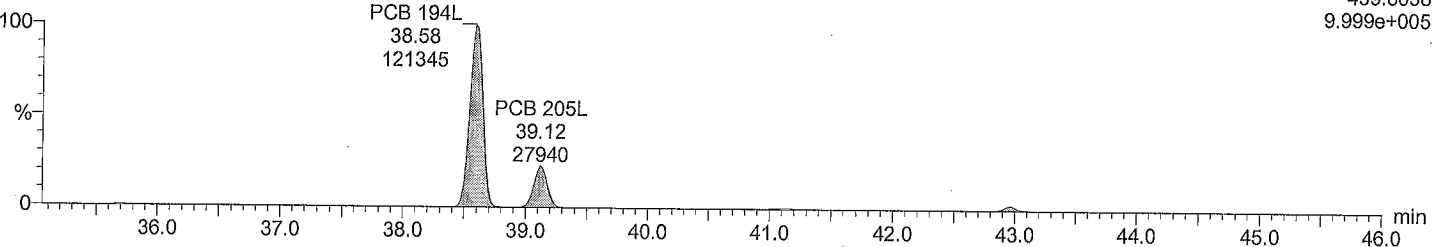
F7:Voltage SIR,EI+
429.7606
1.075e+003



Total OcCB labeled F7

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI

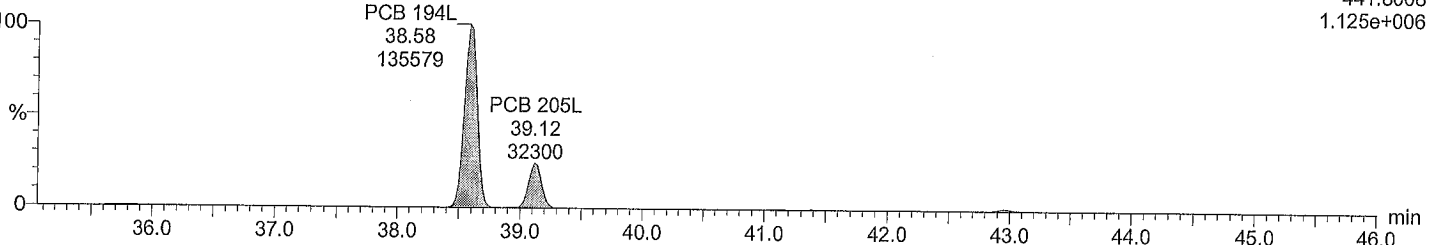
F7:Voltage SIR,EI+
439.8038
9.999e+005



Total OcCB labeled F7

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI

F7:Voltage SIR,EI+
441.8008
1.125e+006



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 12:17:21 PM

Printed: Wednesday, December 07, 2016 12:18:35 PM

Description: DIS273-01R

Vial: 9

Date: 06-Dec-2016

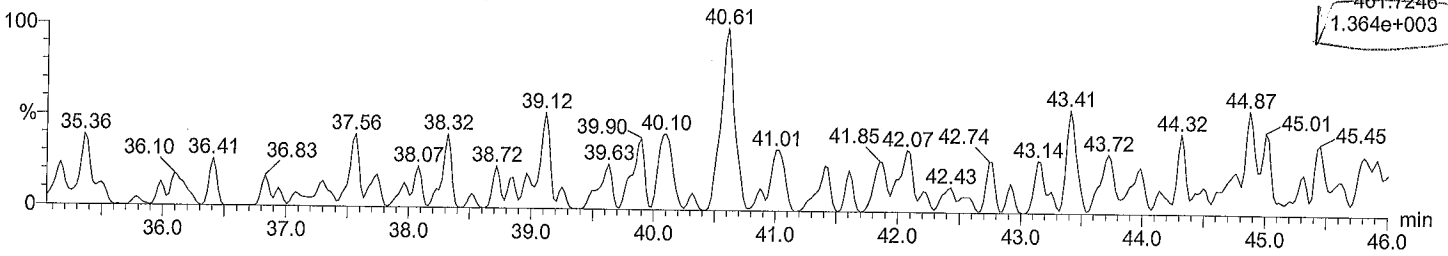
Time: 02:20:07

Instrument:

Total NoCB F7

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI

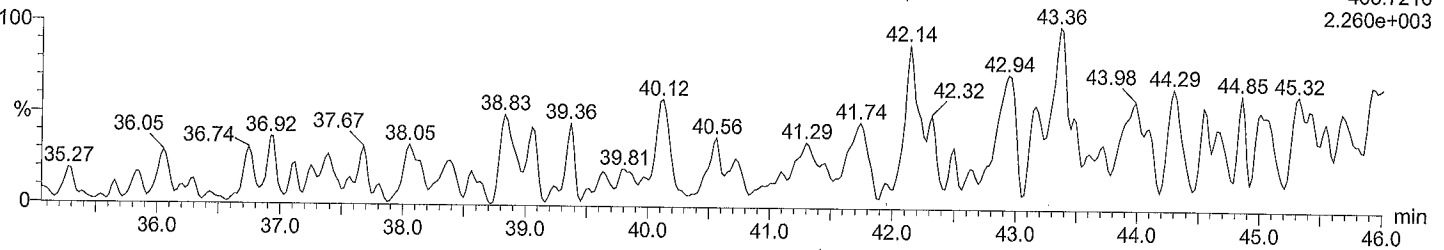
F7:Voltage SIR,EI+
461.7246
1.364e+003



Total NoCB F7

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI

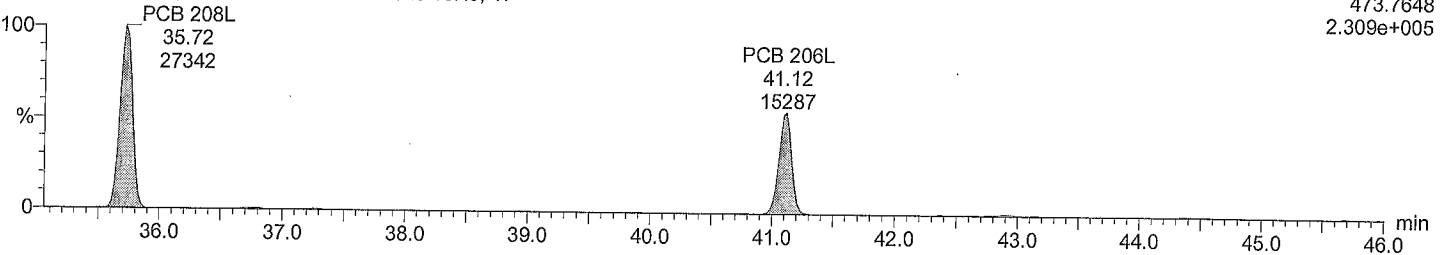
F7:Voltage SIR,EI+
463.7216
2.260e+003



Total NoCB labeled F7

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI

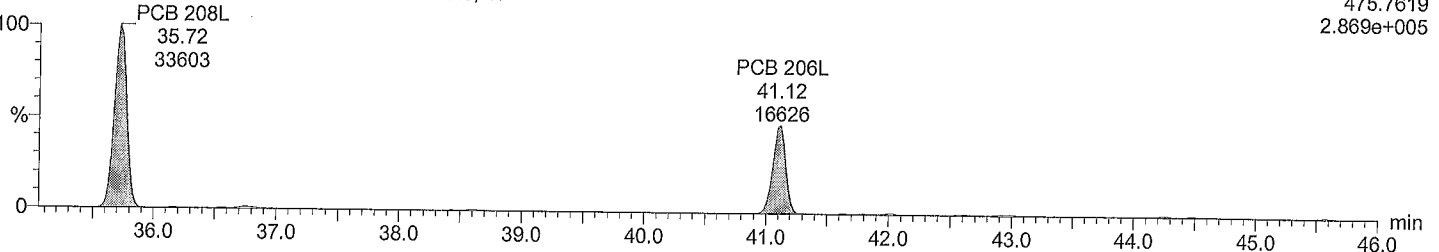
F7:Voltage SIR,EI+
473.7648
2.309e+005



Total NoCB labeled F7

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI

F7:Voltage SIR,EI+
475.7619
2.869e+005



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

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Printed: Wednesday, December 07, 2016 12:18:35 PM

Description: DIS273-01R

Vial: 9

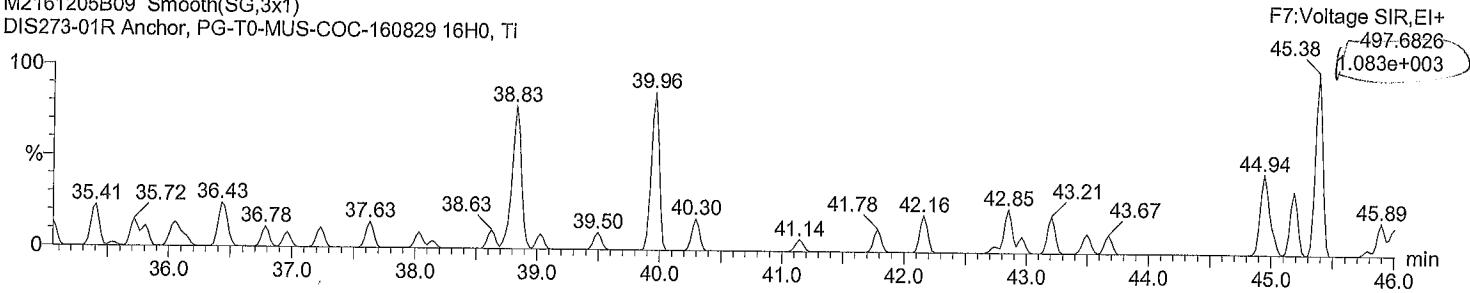
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Instrument:

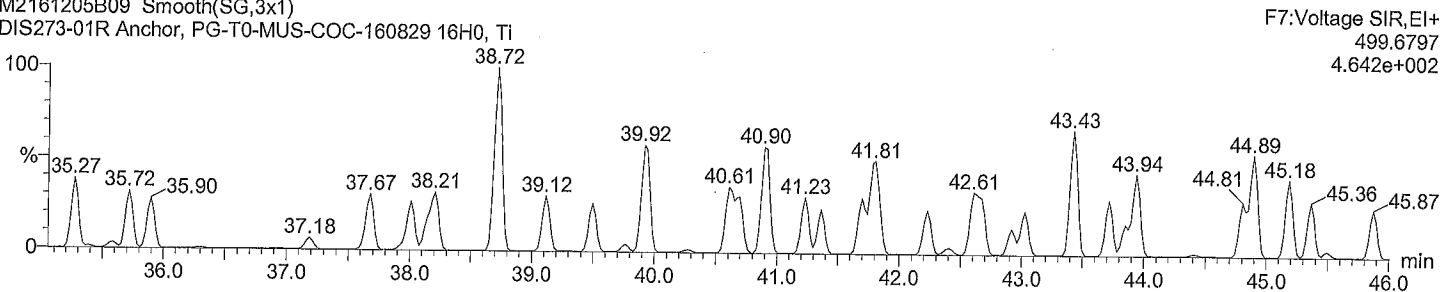
Total DeCB F7

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI



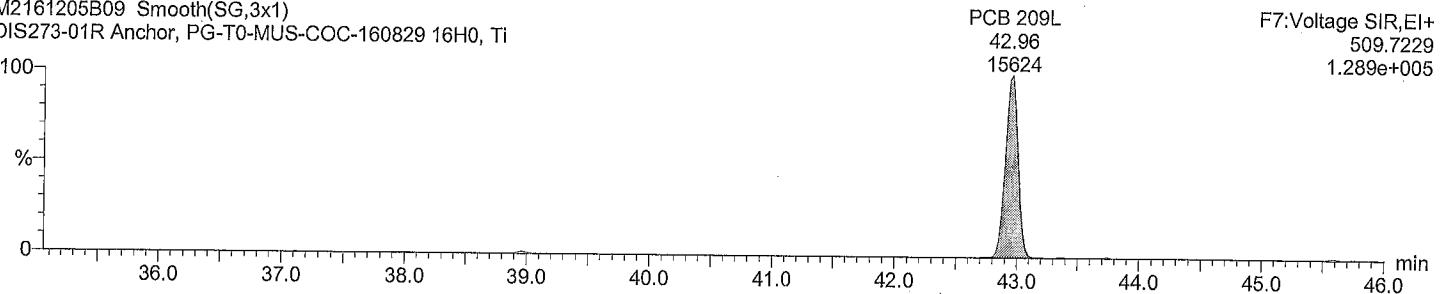
Total DeCB F7

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI



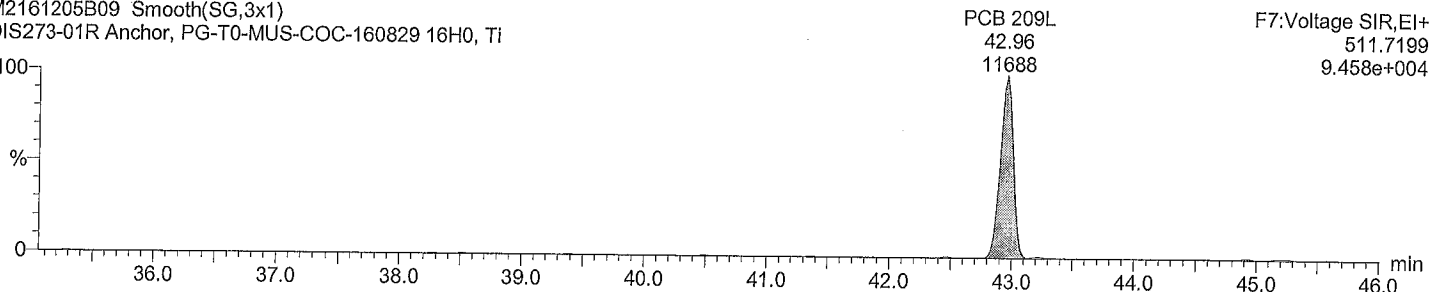
Total DeCB labeled F7

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI



Total DeCB labeled F7

M2161205B09 Smooth(SG,3x1)
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, TI



Quantify Sample Report

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Printed: Wednesday, December 07, 2016 12:18:35 PM

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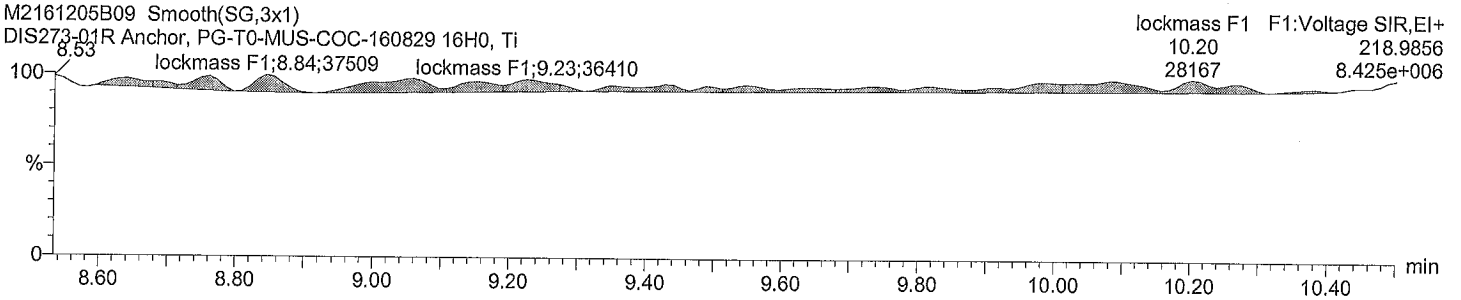
Vial: 9

Date: 06-Dec-2016

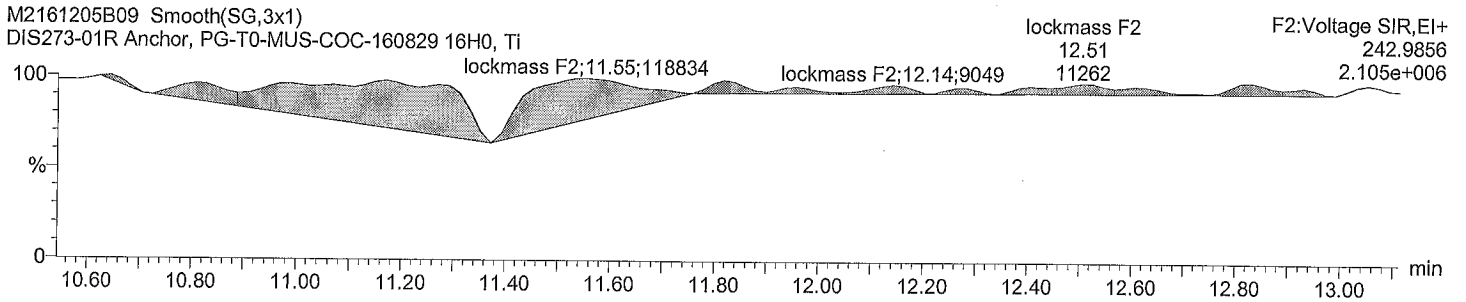
Time: 02:20:07

Instrument:

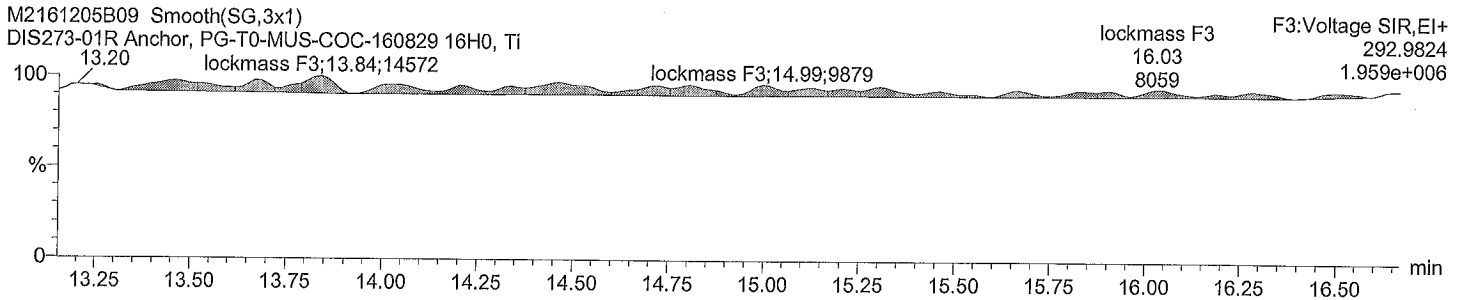
lockmass F1



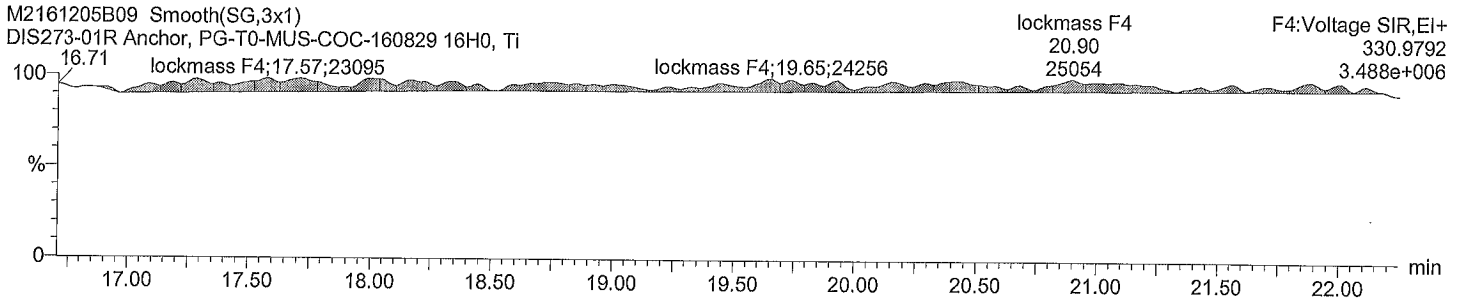
lockmass F2



lockmass F3



lockmass F4



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

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Printed: Wednesday, December 07, 2016 12:18:35 PM

Description: DIS273-01R

Vial: 9

Date: 06-Dec-2016

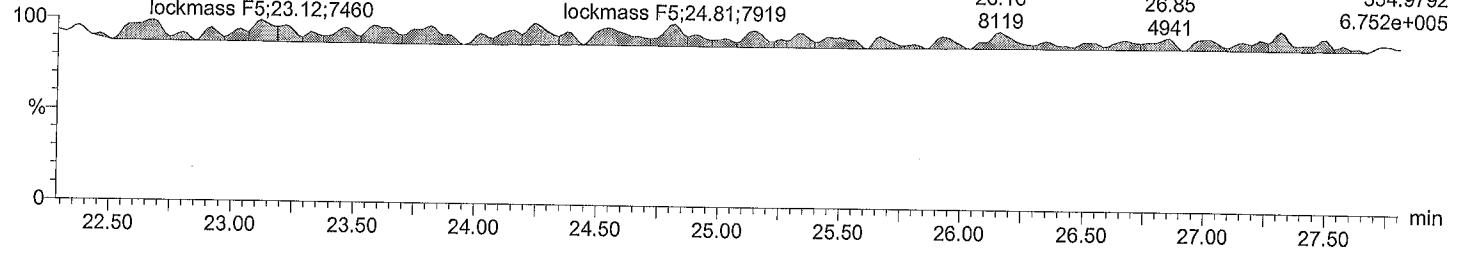
Time: 02:20:07

Instrument:

lockmass F5

M2161205B09 Smooth(SG,3x1)

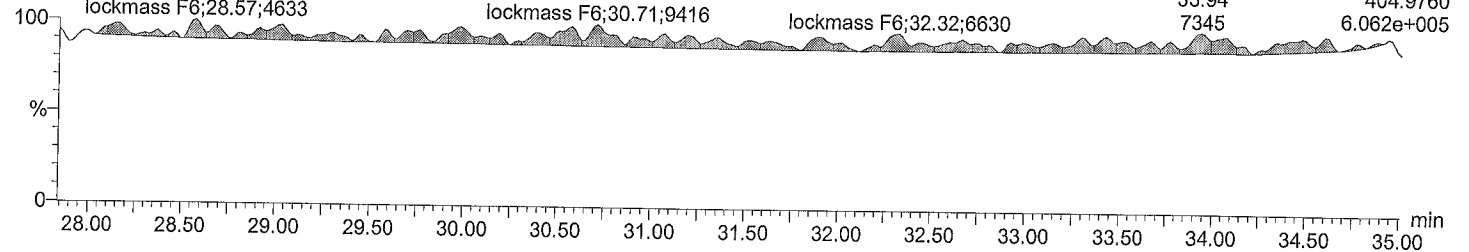
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti



lockmass F6

M2161205B09 Smooth(SG,3x1)

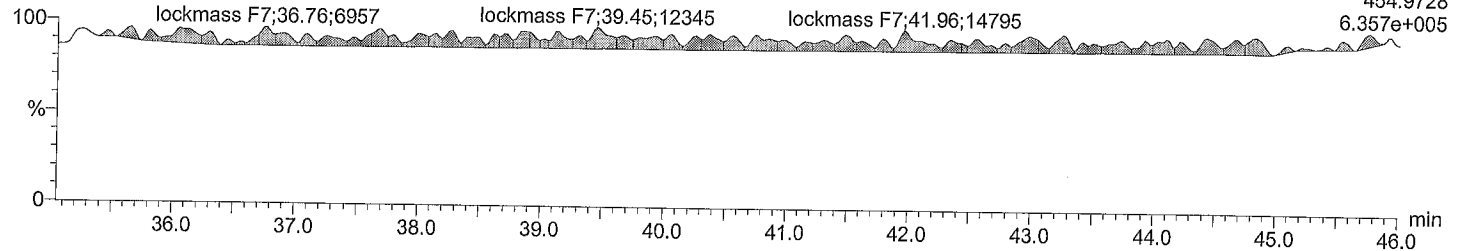
DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti



lockmass F7

M2161205B09 Smooth(SG,3x1)

DIS273-01R Anchor, PG-T0-MUS-COC-160829 16H0, Ti



PG-SMA-1-1-161011 16J0187

| | | | | |
|-------------------------------|------------------------------|---------------------------|------------------|--------------------------|
| Lab Name | <u>Maxxam Analytics Inc.</u> | | Lab Sample ID: | <u>B6N4556-DIS274</u> |
| Method | <u>EPA 1668A m</u> | | Project Number: | <u>PORT GAMBLE</u> |
| Matrix: | <u>tissue</u> | | Project Name: | <u></u> |
| Sample wt/vol: | <u>10.41</u> | (g) <u>g (dry weight)</u> | Lab File ID: | <u>M2161205B10</u> |
| Level (low/med): | <u>low</u> | | Date Received: | <u>October 28, 2016</u> |
| % Moisture: | <u>Not applicable</u> | Decanted (Y/N): <u>N</u> | Date Extracted: | <u>November 28, 2016</u> |
| Concentrated Extract Volume: | <u>100</u> | (uL) | Lab Batch: | <u>4779396</u> |
| Injection Volume: | <u>1</u> | (uL) | Date Analyzed: | <u>December 6, 2016</u> |
| Acid/Base Wash Cleanup (Y/N): | <u>N</u> | pH <u>Not analyzed</u> | Calib. Ref.: | <u>November 29, 2016</u> |
| Silica Column Cleanup (Y/N): | <u>Y</u> | | Time Analyzed: | <u>03:10</u> |
| Alumina Column Cleanup (Y/N): | <u>N</u> | | Dilution Factor: | <u>1</u> |
| Carbon Column Cleanup (Y/N): | <u>N</u> | | | |
| GPC Column Cleanup (Y/N): | <u>N</u> | | | |

| CAS Number | Compound | Concentration (ng/g) | EDL (ng/g) | TE (ng/g) | REPORTING LIMIT (ng/g) |
|-----------------|--------------------------|----------------------|------------|--------------|------------------------|
| 2051-60-7 | 2-MonoCB-(1) | 0.0010 U | 0.0010 | | 0.0096 |
| 33146-45-1 | 2,6-DiCB-(10) | 0.025 U | 0.025 | | 0.0096 |
| 60145-21-3 | 22'45'6'-PentaCB-(103) | 0.0013 U | 0.0013 | | 0.0096 |
| 56558-16-8 | 22'466'-PentaCB-(104) | 0.0010 U | 0.0010 | | 0.0096 |
| 32598-14-4 | 233'44'-PentaCB-(105) | 0.0200 | 0.0013 | 0.000000600 | 0.0096 |
| 70424-69-0 | 233'45'-PentaCB-(106) | 0.00094 U | 0.00094 | | 0.0096 |
| 70424-68-9 | 233'4'5'-PentaCB-(107) | 0.00497 J | 0.00083 | | 0.0096 |
| 70362-41-3 | PentaCB-(108)+(124) | 0.00195 J | 0.00093 | | 0.019 |
| 2050-67-1 | 3,3'-DiCB-(11) | 0.0093 J | 0.0075 | | 0.0096 |
| 38380-03-9 | PentaCB-(110)+(115) | 0.0427 | 0.0015 | | 0.019 |
| 39635-32-0 | 233'55'-PentaCB-(111) | 0.0013 U | 0.0013 | | 0.0096 |
| 74472-36-9 | 233'56'-PentaCB-(112) | 0.0012 U | 0.0012 | | 0.0096 |
| 74472-37-0 | 2344'5'-PentaCB-(114) | 0.0013 U | 0.0013 | 0.0000000390 | 0.0096 |
| 31508-00-6 | 23'44'5'-PentaCB-(118) | 0.0645 | 0.0013 | 0.00000194 | 0.0096 |
| 2974-92-7..90-5 | DiCB-(12)+(13) | 0.0082 U | 0.0082 | | 0.019 |
| 68194-12-7 | 23'455'-PentaCB-(120) | 0.0012 U | 0.0012 | | 0.0096 |
| 56558-18-0 | 23'45'6'-PentaCB-(121) | 0.0012 U | 0.0012 | | 0.0096 |
| 76842-07-4 | 233'4'5'-PentaCB-(122) | 0.00097 U | 0.00097 | | 0.0096 |
| 65510-44-3 | 23'44'5'-PentaCB-(123) | 0.0015 U | 0.0015 | 0.0000000450 | 0.0096 |
| 57465-28-8 | 33'44'5'-PentaCB-(126) | 0.0013 U | 0.0013 | 0.000130 | 0.0096 |
| 39635-33-1 | 33'455'-PentaCB-(127) | 0.00087 U | 0.00087 | | 0.0096 |
| 38380-07-3 | HexaCB-(128)+(166) | 0.0162 J | 0.0041 | | 0.019 |
| 55215-18-4 | HexaCB-(129)+(138)+(163) | 0.145 | 0.0044 | | 0.029 |
| 52663-66-8 | 22'33'45'-HexaCB-(130) | 0.0083 J | 0.0049 | | 0.0096 |
| 61798-70-7 | 22'33'46'-HexaCB-(131) | 0.0053 U | 0.0053 | | 0.0096 |
| 38380-05-1 | 22'33'46'-HexaCB-(132) | 0.0102 | 0.0054 | | 0.0096 |
| 35694-04-3 | 22'33'55'-HexaCB-(133) | 0.0047 J | 0.0046 | | 0.0096 |
| 52704-70-8 | HexaCB-(134)+(143) | 0.0053 J | 0.0048 | | 0.019 |
| 52744-13-5 | HexaCB-(135)+(151) | 0.0544 | 0.0019 | | 0.019 |
| 38411-22-2 | 22'33'66'-HexaCB-(136) | 0.0121 | 0.0013 | | 0.0096 |
| 35694-06-5 | 22'344'5'-HexaCB-(137) | 0.0050 U | 0.0050 | | 0.0096 |
| 56030-56-9 | HexaCB-(139)+(140) | 0.0043 U | 0.0043 | | 0.019 |
| 34883-41-5 | 3,5-DiCB-(14) | 0.0071 U | 0.0071 | | 0.0096 |
| 52712-04-6 | 22'3455'-HexaCB-(141) | 0.0044 U | 0.0044 | | 0.0096 |
| 41411-61-4 | 22'3456'-HexaCB-(142) | 0.0048 U | 0.0048 | | 0.0096 |
| 68194-14-9 | 22'345'6'-HexaCB-(144) | 0.0047 U | 0.0047 | | 0.0096 |
| 74472-40-5 | 22'3466'-HexaCB-(145) | 0.0015 U | 0.0015 | | 0.0096 |
| 51908-16-8 | 22'34'55'-HexaCB-(146) | 0.0370 | 0.0040 | | 0.0096 |
| 68194-13-8 | HexaCB-(147)+(149) | 0.106 | 0.0043 | | 0.019 |
| 74472-41-6 | 22'34'56'-HexaCB-(148) | 0.0017 U | 0.0017 | | 0.0096 |
| 2050-68-2 | 4,4'-DiCB-(15) | 0.016 U | 0.016 | | 0.0096 |
| 68194-08-1 | 22'34'66'-HexaCB-(150) | 0.0014 U | 0.0014 | | 0.0096 |
| 68194-09-2 | 22'3566'-HexaCB-(152) | 0.0012 U | 0.0012 | | 0.0096 |
| 35065-27-1 | HexaCB-(153)+(168) | 0.210 | 0.0037 | | 0.0096 |
| 60145-22-4 | 22'44'56'-HexaCB-(154) | 0.0062 J | 0.0016 | | 0.0096 |
| 33979-03-2 | 22'44'66'-HexaCB-(155) | 0.00079 U | 0.00079 | | 0.0096 |
| 38380-08-4 | HexaCB-(156)+(157) | 0.00625 J | 0.00095 | 0.000000188 | 0.019 |
| 74472-42-7 | 233'44'6'-HexaCB-(158) | 0.0092 J | 0.0033 | | 0.0096 |

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|-------------------------------|------------------------------|---------------------------|------------------|--------------------------|
| Lab Name | <u>Maxxam Analytics Inc.</u> | | Lab Sample ID: | <u>B6N4556-DIS274</u> |
| Method | <u>EPA 1668A m</u> | | Project Number: | <u>PORT GAMBLE</u> |
| Matrix: | <u>tissue</u> | | Project Name: | <u></u> |
| Sample wt/vol: | <u>10.41</u> | (g) <u>g (dry weight)</u> | Lab File ID: | <u>M2161205B10</u> |
| Level (low/med): | <u>low</u> | | Date Received: | <u>October 28, 2016</u> |
| % Moisture: | <u>Not applicable</u> | Decanted (Y/N): <u>N</u> | Date Extracted: | <u>November 28, 2016</u> |
| Concentrated Extract Volume: | <u>100</u> | (uL) | Lab Batch: | <u>4779396</u> |
| Injection Volume: | <u>1</u> | (uL) | Date Analyzed: | <u>December 6, 2016</u> |
| Acid/Base Wash Cleanup (Y/N): | <u>N</u> | pH <u>Not analyzed</u> | Calib. Ref.: | <u>November 29, 2016</u> |
| Silica Column Cleanup (Y/N): | <u>Y</u> | | Time Analyzed: | <u>03:10</u> |
| Alumina Column Cleanup (Y/N): | <u>N</u> | | Dilution Factor: | <u>1</u> |
| Carbon Column Cleanup (Y/N): | <u>N</u> | | | |
| GPC Column Cleanup (Y/N): | <u>N</u> | | | |

| CAS Number | Compound | Concentration (ng/g) | EDL (ng/g) | TE (ng/g) | REPORTING LIMIT (ng/g) |
|-----------------|----------------------------|----------------------|------------|-------------|------------------------|
| 39635-35-3 | 233'455'-HexaCB-(159) | 0.00066 U | 0.00066 | | 0.0096 |
| 38444-78-9 | 22'3-TriCB-(16) | 0.0087 U | 0.0087 | | 0.0096 |
| 41411-62-5 | 233'456'-HexaCB-(160) | 0.0041 U | 0.0041 | | 0.0096 |
| 74472-43-8 | 233'456'-HexaCB-(161) | 0.0033 U | 0.0033 | | 0.0096 |
| 39635-34-2 | 233'455'-HexaCB-(162) | 0.00074 U | 0.00074 | | 0.0096 |
| 74472-45-0 | 233'456'-HexaCB-(164) | 0.0036 U | 0.0036 | | 0.0096 |
| 74472-46-1 | 233'556'-HexaCB-(165) | 0.0039 U | 0.0039 | | 0.0096 |
| 52663-72-6 | 23'44'55'-HexaCB-(167) | 0.0039 J | 0.0010 | 0.00000117 | 0.0096 |
| 32774-16-6 | 33'44'55'-HexaCB-(169) | 0.0010 U | 0.0010 | 0.0000300 | 0.0096 |
| 37680-66-3 | 22'4-TriCB-(17) | 0.0078 U | 0.0078 | | 0.0096 |
| 35065-30-6 | 22'33'44'5-HeptaCB-(170) | 0.0035 JK | 0.0011 | | 0.0096 |
| 52663-71-5 | HeptaCB-(171)+(173) | 0.0066 J | 0.0015 | | 0.019 |
| 52663-74-8 | 22'33'455'-HeptaCB-(172) | 0.0015 U | 0.0015 | | 0.0096 |
| 38411-25-5 | 22'33'456'-HeptaCB-(174) | 0.0015 U | 0.0015 | | 0.0096 |
| 40186-70-7 | 22'33'456'-HeptaCB-(175) | 0.0016 U | 0.0016 | | 0.0096 |
| 52663-65-7 | 22'33'466'-HeptaCB-(176) | 0.0033 J | 0.0012 | | 0.0096 |
| 52663-70-4 | 22'33'456'-HeptaCB-(177) | 0.0150 | 0.0015 | | 0.0096 |
| 52663-67-9 | 22'33'556'-HeptaCB-(178) | 0.0100 | 0.0017 | | 0.0096 |
| 52663-64-6 | 22'33'566'-HeptaCB-(179) | 0.0127 | 0.0012 | | 0.0096 |
| 37680-65-2 | TriCB-(18)+(30) | 0.0062 U | 0.0062 | | 0.019 |
| 35065-29-3 | HeptaCB-(180)+(193) | 0.0167 J | 0.0010 | | 0.019 |
| 74472-47-2 | 22'344'56'-HeptaCB-(181) | 0.0016 U | 0.0016 | | 0.0096 |
| 60145-23-5 | 22'344'56'-HeptaCB-(182) | 0.0017 U | 0.0017 | | 0.0096 |
| 52663-69-1 | 22'344'56'-HeptaCB-(183) | 0.0158 | 0.0012 | | 0.0096 |
| 74472-48-3 | 22'344'66'-HeptaCB-(184) | 0.0013 U | 0.0013 | | 0.0096 |
| 52712-05-7 | 22'34556'-HeptaCB-(185) | 0.0018 U | 0.0018 | | 0.0096 |
| 74472-49-4 | 22'34566'-HeptaCB-(186) | 0.0014 U | 0.0014 | | 0.0096 |
| 52663-68-0 | 22'34556'-HeptaCB-(187) | 0.0637 | 0.0018 | | 0.0096 |
| 74487-85-7 | 22'34566'-HeptaCB-(188) | 0.0011 U | 0.0011 | | 0.0096 |
| 39635-31-9 | 233'44'55'-HeptaCB-(189) | 0.0020 U | 0.0020 | 0.000000600 | 0.0096 |
| 38444-73-4 | 22'6-TriCB-(19) | 0.0046 U | 0.0046 | | 0.0096 |
| 41411-64-7 | 233'44'56'-HeptaCB-(190) | 0.0012 U | 0.0012 | | 0.0096 |
| 74472-50-7 | 233'44'56'-HeptaCB-(191) | 0.0012 U | 0.0012 | | 0.0096 |
| 74472-51-8 | 233'4556'-HeptaCB-(192) | 0.0014 U | 0.0014 | | 0.0096 |
| 35694-08-7 | 22'33'44'55'-OctaCB-(194) | 0.0015 U | 0.0015 | | 0.0096 |
| 52663-78-2 | 22'33'44'56'-OctaCB-(195) | 0.0016 U | 0.0016 | | 0.0096 |
| 42740-50-1 | 22'33'44'56'-OctaCB-(196) | 0.0021 U | 0.0021 | | 0.0096 |
| 33091-17-7 | 22'33'44'66'-OctaCB-(197) | 0.0018 U | 0.0018 | | 0.0096 |
| 68194-17-2 | OctaCB-(198)+(199) | 0.0023 U | 0.0023 | | 0.019 |
| 2051-61-8 | 3-MonoCB-(2) | 0.00078 U | 0.00078 | | 0.0096 |
| 38444-84-7 | TriCB-(20) + (28) | 0.0180 J | 0.00070 | | 0.019 |
| 52663-73-7 | 22'33'4566'-OctaCB-(200) | 0.0014 U | 0.0014 | | 0.0096 |
| 40186-71-8 | 22'33'4566'-OctaCB-(201) | 0.0014 U | 0.0014 | | 0.0096 |
| 2136-99-4 | 22'33'5566'-OctaCB-(202) | 0.0035 J | 0.0015 | | 0.0096 |
| 52663-76-0 | 22'344'556'-OctaCB-(203) | 0.0022 U | 0.0022 | | 0.0096 |
| 74472-52-9 | 22'344'566'-OctaCB-(204) | 0.0015 U | 0.0015 | | 0.0096 |
| 74472-53-0 | 233'44'556'-OctaCB-(205) | 0.0015 U | 0.0015 | | 0.0096 |
| 40186-72-9 | 22'33'44'556'-NonaCB-(206) | 0.0021 U | 0.0021 | | 0.0096 |

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|-------------------------------|------------------------------|---------------------------|------------------|--------------------------|
| Lab Name | <u>Maxxam Analytics Inc.</u> | | Lab Sample ID: | <u>B6N4556-DIS274</u> |
| Method | <u>EPA 1668A m</u> | | Project Number: | <u>PORT GAMBLE</u> |
| Matrix: | <u>tissue</u> | | Project Name: | <u></u> |
| Sample wt/vol: | <u>10.41</u> | (g) <u>g (dry weight)</u> | Lab File ID: | <u>M2161205B10</u> |
| Level (low/med): | <u>low</u> | | Date Received: | <u>October 28, 2016</u> |
| % Moisture: | <u>Not applicable</u> | Decanted (Y/N): <u>N</u> | Date Extracted: | <u>November 28, 2016</u> |
| Concentrated Extract Volume: | <u>100</u> | (uL) | Lab Batch: | <u>4779396</u> |
| Injection Volume: | <u>1</u> | (uL) | Date Analyzed: | <u>December 6, 2016</u> |
| Acid/Base Wash Cleanup (Y/N): | <u>N</u> | pH <u>Not analyzed</u> | Calib. Ref.: | <u>November 29, 2016</u> |
| Silica Column Cleanup (Y/N): | <u>Y</u> | | Time Analyzed: | <u>03:10</u> |
| Alumina Column Cleanup (Y/N): | <u>N</u> | | Dilution Factor: | <u>1</u> |
| Carbon Column Cleanup (Y/N): | <u>N</u> | | | |
| GPC Column Cleanup (Y/N): | <u>N</u> | | | |

| CAS Number | Compound | Concentration (ng/g) | EDL (ng/g) | TE (ng/g) | REPORTING LIMIT (ng/g) |
|-----------------|-----------------------------|----------------------|------------|-----------|------------------------|
| 52663-79-3 | 22'33'44'566'-NonaCB-(207) | 0.0017 U | 0.0017 | | 0.0096 |
| 52663-77-1 | 22'33'455'66'-NonaCB-(208) | 0.0021 U | 0.0021 | | 0.0096 |
| 2051-24-3 | DecaCB-(209) | 0.0014 U | 0.0014 | | 0.0096 |
| 55702-46-0 | TriCB-(21)+(33) | 0.00401 J | 0.00069 | | 0.019 |
| 38444-85-8 | 234'-TriCB-(22) | 0.00173 J | 0.00079 | | 0.0096 |
| 55720-44-0 | 235'-TriCB-(23) | 0.00074 U | 0.00074 | | 0.0096 |
| 55702-45-9 | 236'-TriCB-(24) | 0.0067 U | 0.0067 | | 0.0096 |
| 55712-37-3 | 234'-TriCB-(25) | 0.00087 U | 0.00087 | | 0.0096 |
| 38444-81-4 | TriCB-(26)+(29) | 0.0016 U | 0.0016 | | 0.019 |
| 38444-76-7 | 23'6'-TriCB-(27) | 0.0053 U | 0.0053 | | 0.0096 |
| 2051-62-9 | 4-MonoCB-(3) | 0.0010 U | 0.0010 | | 0.0096 |
| 16606-02-3 | 24'5'-TriCB-(31) | 0.00726 J | 0.00063 | | 0.0096 |
| 38444-77-8 | 24'6'-TriCB-(32) | 0.0049 U | 0.0049 | | 0.0096 |
| 37680-68-5 | 23'5'-TriCB-(34) | 0.00066 U | 0.00066 | | 0.0096 |
| 37680-69-6 | 33'4'-TriCB-(35) | 0.00069 U | 0.00069 | | 0.0096 |
| 38444-87-0 | 33'5'-TriCB-(36) | 0.00059 U | 0.00059 | | 0.0096 |
| 38444-90-5 | 344'-TriCB-(37) | 0.0030 J | 0.0014 | | 0.0096 |
| 53555-66-1 | 345'-TriCB-(38) | 0.00070 U | 0.00070 | | 0.0096 |
| 38444-88-1 | 34'5'-TriCB-(39) | 0.00072 U | 0.00072 | | 0.0096 |
| 13029-08-8 | 22'-DiCB-(4) | 0.021 U | 0.021 | | 0.0096 |
| 38444-93-8 | TetraCB-(40)+(41)+(71) | 0.0101 J | 0.0017 | | 0.029 |
| 36559-22-5 | 22'34'-TetraCB-(42) | 0.0042 J | 0.0019 | | 0.0096 |
| 70362-46-8 | 22'35'-TetraCB-(43) | 0.0025 U | 0.0025 | | 0.0096 |
| 41464-39-5 | TetraCB-(44)+(47)+(65) | 0.0287 J | 0.0015 | | 0.029 |
| 70362-45-7 | TetraCB-(45)+(51) | 0.0017 U | 0.0017 | | 0.019 |
| 41464-47-5 | 22'36'-TetraCB-(46) | 0.0019 U | 0.0019 | | 0.0096 |
| 70362-47-9 | 22'45'-TetraCB-(48) | 0.0052 J | 0.0018 | | 0.0096 |
| 41464-47-5 | TetraCB-(49)+TetraCB-(69) | 0.0077 J | 0.0014 | | 0.019 |
| 16605-91-7 | 2,3-DiCB-(5) | 0.0091 U | 0.0091 | | 0.0096 |
| 62796-65-0 | TetraCB-(50)+(53) | 0.0039 U | 0.0039 | | 0.019 |
| 35693-99-3 | 22'55'-TetraCB-(52) | 0.0357 | 0.0015 | | 0.0096 |
| 15968-05-5 | 22'66'-TetraCB-(54) | 0.00086 U | 0.00086 | | 0.0096 |
| 74338-24-2 | 233'4'-TetraCB-(55) | 0.00075 U | 0.00075 | | 0.0096 |
| 41464-43-1 | 233'4'-TetraCB-(56) | 0.0022 U | 0.0022 | | 0.0096 |
| 70424-67-8 | 233'5'-TetraCB-(57) | 0.00064 U | 0.00064 | | 0.0096 |
| 41464-49-7 | 233'5'-TetraCB-(58) | 0.00072 U | 0.00072 | | 0.0096 |
| 74472-33-6 | TetraCB-(59)+(62)+(75) | 0.0023 J | 0.0012 | | 0.029 |
| 25569-80-6 | 2,3-DiCB-(6) | 0.0071 U | 0.0071 | | 0.0096 |
| 33025-41-1 | 2344'-TetraCB-(60) | 0.00295 J | 0.00077 | | 0.0096 |
| 33284-53-6 | TetraCB-(61)+(70)+(74)+(76) | 0.0320 J | 0.00070 | | 0.038 |
| 74472-34-7 | 234'5'-TetraCB-(63) | 0.00091 J | 0.00063 | | 0.0096 |
| 52663-58-8 | 234'6'-TetraCB-(64) | 0.0022 J | 0.0013 | | 0.0096 |
| 32598-10-0 | 23'44'-TetraCB-(66) | 0.0156 | 0.00062 | | 0.0096 |
| 73575-53-8 | 23'45'-TetraCB-(67) | 0.00060 U | 0.00060 | | 0.0096 |
| 73575-52-7 | 23'45'-TetraCB-(68) | 0.0011 U | 0.0011 | | 0.0096 |
| 33284-50-3 | 2,4-DiCB-(7) | 0.0081 U | 0.0081 | | 0.0096 |
| 41464-42-0 | 23'55'-TetraCB-(72) | 0.00079 J | 0.00063 | | 0.0096 |
| 74338-23-1 | 23'5'6'-TetraCB-(73) | 0.0012 U | 0.0012 | | 0.0096 |

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Lab Name: Maxxam Analytics Inc.
 Method: EPA 1668A m
 Matrix: tissue
 Sample wt/vol: 10.41 (g) g (dry weight)
 Level (low/med): low
 % Moisture: Not applicable Decanted (Y/N): N
 Concentrated Extract Volume: 100 (uL)
 Injection Volume: 1 (uL)
 Acid/Base Wash Cleanup (Y/N): N pH Not analyzed
 Silica Column Cleanup (Y/N): Y
 Alumina Column Cleanup (Y/N): N
 Carbon Column Cleanup (Y/N): N
 GPC Column Cleanup (Y/N): N

Lab Sample ID: B6N4556-DIS274
 Project Number: PORT GAMBLE
 Project Name: _____
 Lab File ID: M2161205B10
 Date Received: October 28, 2016
 Date Extracted: November 28, 2016
 Lab Batch: 4779396
 Date Analyzed: December 6, 2016
 Calib. Ref.: November 29, 2016
 Time Analyzed: 03:10
 Dilution Factor: 1

| CAS Number | Compound | Concentration (ng/g) | EDL (ng/g) | TE (ng/g) | REPORTING LIMIT (ng/g) |
|-----------------|-------------------------------------|----------------------|------------|-------------|------------------------|
| 32598-13-3 | 33'44'-TetraCB-(77) | 0.0018 U | 0.0018 | 0.000000180 | 0.0096 |
| 70362-49-1 | 33'45'-TetraCB-(78) | 0.00068 U | 0.00068 | | 0.0096 |
| 41464-48-6 | 33'45'-TetraCB-(79) | 0.00060 U | 0.00060 | | 0.0096 |
| 34883-43-7 | 2,4'-DiCB-(8) | 0.0067 U | 0.0067 | | 0.0096 |
| 33284-52-5 | 33'55'-TetraCB-(80) | 0.00059 U | 0.00059 | | 0.0096 |
| 70362-50-4 | 344'5'-TetraCB-(81) | 0.0011 U | 0.0011 | 0.000000330 | 0.0096 |
| 52663-62-4 | 22'33'4'-PentaCB-(82) | 0.0028 J | 0.0019 | | 0.0096 |
| 60145-20-2 | PentaCB-(83)+(99) | 0.0736 | 0.0017 | | 0.019 |
| 52663-60-2 | 22'33'6'-PentaCB-(84) | 0.0054 J | 0.0018 | | 0.0096 |
| 65510-45-4 | PentaCB-(85)+(116)+(117) | 0.0134 J | 0.0013 | | 0.029 |
| 55312-69-1 | PentaCB-(86)(87)(97)(109)(119)(125) | 0.0251 J | 0.0014 | | 0.058 |
| 55215-17-3 | PentaCB-(88)+(91) | 0.0025 J | 0.0016 | | 0.019 |
| 73575-57-2 | 22'346'-PentaCB-(89) | 0.0017 U | 0.0017 | | 0.0096 |
| 34883-39-1 | 2,5-DiCB-(9) | 0.0070 U | 0.0070 | | 0.0096 |
| 68194-07-0 | PentaCB-(90)+(101)+(113) | 0.0833 | 0.0014 | | 0.029 |
| 52663-61-3 | 22'355'-PentaCB-(92) | 0.0174 | 0.0016 | | 0.0096 |
| 73575-56-1 | PentaCB-(93)+(98)+(100)+(102) | 0.0016 U | 0.0016 | | 0.038 |
| 73575-55-0 | 22'356'-PentaCB-(94) | 0.0018 U | 0.0018 | | 0.0096 |
| 38379-99-6 | 22'35'6'-PentaCB-(95) | 0.0390 | 0.0015 | | 0.0096 |
| 73575-54-9 | 22'366'-PentaCB-(96) | 0.0018 U | 0.0018 | | 0.0096 |

| CAS Number | Compound | Concentration (ng/g) | # of peaks |
|------------|-----------|----------------------|------------|
| 1336-36-3 | Total PCB | 1.37 | |
| NA | Total TEQ | 0.000163 | |

| CAS Number | Surrogate | Recovery (%) | Acceptance Criteria (%) |
|------------|---------------------------------|--------------|-------------------------|
| | C13-2-MonoCB-(1) | 40 | 15 - 140 |
| | C13-22'466'-PentaCB-(104) | 86 | 30 - 140 |
| | C13-233'44'-PentaCB-(105) | 75 | 30 - 140 |
| | C13-233'55'-PentaCB-(111) | 85 | 40 - 125 |
| | C13-2344'5'-PentaCB-(114) | 79 | 30 - 140 |
| | C13-23'44'5'-PentaCB-(118) | 77 | 30 - 140 |
| | C13-2'344'5'-PentaCB-(123) | 77 | 30 - 140 |
| | C13-33'44'5'-PentaCB-(126) | 60 | 30 - 140 |
| | C13-44'-DiCB-(15) | 68 | 30 - 140 |
| | C13-22'44'66'-HexaCB-(155) | 108 | 30 - 140 |
| | C13-HexaCB-(156)+(157) | 68 | 30 - 140 |
| | C13-23'44'55'-HexaCB-(167) | 71 | 30 - 140 |
| | C13-33'44'55'-HexaCB-(169) | 39 | 30 - 140 |
| | C13-22'33'44'5'-HeptaCB-(170) | 112 | 30 - 140 |
| | C13-22'33'55'6'-HeptaCB-(178) | 97 | 40 - 125 |
| | C13-22'344'55'-HeptaCB-(180) | 124 | 30 - 140 |
| | C13-22'34'566'-HeptaCB-(188) | 97 | 30 - 140 |
| | C13-233'44'55'-HeptaCB-(189) | 107 | 30 - 140 |
| | C13-22'6'-TriCB-(19) | 63 | 30 - 140 |
| | C13-22'33'55'66'-OctaCB-(202) | 149 Q | 30 - 140 |
| | C13-233'44'55'6'-OctaCB-(205) | 78 | 30 - 140 |
| | C13-22'33'44'55'6'-NonaCB-(206) | 75 | 30 - 140 |

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|-------------------------------|------------------------------|-----------------|------------------|--------------------------|
| Lab Name | <u>Maxxam Analytics Inc.</u> | | Lab Sample ID: | <u>B6N4556-DIS274</u> |
| Method | <u>EPA 1668A m</u> | | Project Number: | <u>PORT GAMBLE</u> |
| Matrix: | <u>tissue</u> | | Project Name: | <u></u> |
| Sample wt/vol: | <u>10.41</u> | (g) | Lab File ID: | <u>M2161205B10</u> |
| Level (low/med): | <u>low</u> | | Date Received: | <u>October 28, 2016</u> |
| % Moisture: | <u>Not applicable</u> | Decanted (Y/N): | Date Extracted: | <u>November 28, 2016</u> |
| Concentrated Extract Volume: | <u>100</u> | (uL) | Lab Batch: | <u>4779396</u> |
| Injection Volume: | <u>1</u> | (uL) | Date Analyzed: | <u>December 6, 2016</u> |
| Acid/Base Wash Cleanup (Y/N): | <u>N</u> | | Calib. Ref.: | <u>November 29, 2016</u> |
| Silica Column Cleanup (Y/N): | <u>Y</u> | | Time Analyzed: | <u>03:10</u> |
| Alumina Column Cleanup (Y/N): | <u>N</u> | | Dilution Factor: | <u>1</u> |
| Carbon Column Cleanup (Y/N): | <u>N</u> | | | |
| GPC Column Cleanup (Y/N): | <u>N</u> | | | |
| | | pH | | <u>Not analyzed</u> |

| CAS Number | Compound | Concentration (%) | EDL (%) | TE (%) | REPORTING LIMIT (%) |
|-------------|--------------------------------|-------------------|-------------------------|--------|---------------------|
| CAS Number | Surrogate | Recovery (%) | Acceptance Criteria (%) | | |
| | C13-22'33'455'66'-NonaCB-(208) | 99 | 30 - 140 | | |
| 105600-27-9 | C13-DecaCB-(209) | 70 | 30 - 140 | | |
| | C13-2,44'-TriCB-(28) | 87 | 40 - 125 | | |
| | C13-4-MonoCB-(3) | 46 | 15 - 140 | | |
| | C13-344'-TriCB-(37) | 80 | 30 - 140 | | |
| | C13-22'-DiCB-(4) | 53 | 30 - 140 | | |
| | C13-22'66'-TetraCB-(54) | 80 | 30 - 140 | | |
| | C13-33'44'-TetraCB-(77) | 75 | 30 - 140 | | |
| | C13-344'5-TetraCB-(81) | 75 | 30 - 140 | | |

Sample ID DIS274-01R
 Comments
 Instrument File Ultima 3
 Sample Size 10.411

Dil Fac 1.00

| Name | mass | RT | Area | ratio | Tot Area | ng/g | Code | Isomers | DL | S/N | Mod | rrf | Rec |
|--------------|-----------|--------|----------|-------|----------|----------|---------------|---------|----------|-----|-----|-------|-----|
| 1 PCB 1 | 188 | NotFnd | * | * | * | -0.00103 | | | -0.00103 | * | no | 1.296 | - |
| | MoCB 190 | 8.83 | * | no | * | | | | | * | | | |
| 2 PCB 2 | 188 | NotFnd | * | * | * | -0.00078 | | | -0.00078 | * | no | 1.697 | - |
| | MoCB 190 | 9.94 | * | no | * | | | | | * | | | |
| 3 PCB 3 | 188 | NotFnd | * | * | * | -0.00104 | | | -0.00104 | * | no | 1.276 | - |
| | MoCB 190 | 10.02 | * | no | * | | | | | * | | | |
| 4 PCB 4 | 222 | NotFnd | * | * | * | -0.02108 | | | -0.02108 | * | no | 1.186 | - |
| | DICB 224 | 10.14 | * | no | * | | | | | * | | | |
| 5 PCB 10 | 222 | NotFnd | * | * | * | -0.02495 | | | -0.02495 | * | no | 1.002 | - |
| | DICB 224 | 10.23 | * | no | * | | | | | * | | | |
| 6 PCB 9 | 222 | NotFnd | * | * | * | -0.007 | | | -0.007 | * | no | 2.318 | - |
| | DICB 224 | 11.04 | * | no | * | | | | | * | | | |
| 7 PCB 7 | 222 | NotFnd | * | * | * | -0.00805 | | | -0.00805 | * | no | 2.015 | - |
| | DICB 224 | 11.12 | * | no | * | | | | | * | | | |
| 8 PCB 6 | 222 | NotFnd | * | * | * | -0.00712 | | | -0.00712 | * | no | 2.278 | - |
| | DICB 224 | 11.22 | * | no | * | | | | | * | | | |
| 9 PCB 5 | 222 | NotFnd | * | * | * | -0.0091 | | | -0.0091 | * | no | 1.783 | - |
| | DICB 224 | 11.33 | * | no | * | | | | | * | | | |
| 10 PCB 8 | 222 | NotFnd | * | * | * | -0.00671 | | | -0.00671 | * | no | 2.416 | - |
| | DICB 224 | 11.39 | * | no | * | | | | | * | | | |
| 11 PCB 14 | 222 | NotFnd | * | * | * | -0.00709 | | | -0.00709 | * | no | 2.288 | - |
| | DICB 224 | 12.08 | * | no | * | | | | | * | | | |
| 12 PCB 11 | 222 | 12.44 | 12782 | 1.37 | 22124 | 0.009307 | | | -0.00745 | 97 | no | 2.176 | - |
| | DICB 224 | 12.45 | 9343 | yes | * | | | | | 3 | | | |
| 13 PCB 13/12 | 222 | NotFnd | * | * | * | -0.0082 | | | -0.0082 | * | no | 1.978 | - |
| | DICB 224 | 12.59 | * | no | * | | | | | * | | | |
| 14 PCB 15 | 222 | NotFnd | * | * | * | -0.01557 | | | -0.01557 | * | no | 1.042 | - |
| | DICB 224 | 12.73 | * | no | * | | | | | * | | | |
| 15 PCB 19 | 256 | NotFnd | * | * | * | -0.00464 | | | -0.00464 | * | no | 1.156 | - |
| | TriCB 258 | 11.49 | * | no | * | | | | | * | | | |
| 16 PCB 30/18 | 256 | 12.30 | 1954 | 1.07 | 3785 | -0.00621 | | | -0.00621 | * | no | 0.864 | - |
| | TriCB 258 | 12.30 | 1831 | no | * | | | | | * | | | |
| 17 PCB 17 | 256 | NotFnd | * | * | * | -0.00776 | | | -0.00776 | * | no | 0.691 | - |
| | TriCB 258 | 12.48 | * | no | * | | | | | * | | | |
| 18 PCB 27 | 256 | NotFnd | * | * | * | -0.00533 | | | -0.00533 | * | no | 1.006 | - |
| | TriCB 258 | 12.60 | * | no | * | | | | | * | | | |
| 19 PCB 24 | 256 | NotFnd | * | * | * | -0.00669 | | | -0.00669 | * | no | 0.802 | - |
| | TriCB 258 | 12.65 | * | no | * | | | | | * | | | |
| 20 PCB 16 | 256 | NotFnd | * | * | * | -0.00873 | | | -0.00873 | * | no | 0.614 | - |
| | TriCB 258 | 12.71 | * | no | * | | | | | * | | | |
| 21 PCB 32 | 256 | NotFnd | * | * | * | -0.00488 | | | -0.00488 | * | no | 1.1 | - |
| | TriCB 258 | 12.93 | * | no | * | | | | | * | | | |
| 22 PCB 34 | 256 | NotFnd | * | * | * | -0.00066 | | | -0.00066 | * | no | 2.11 | - |
| | TriCB 258 | 13.52 | * | no | * | | | | | * | | | |
| 23 PCB 23 | 256 | NotFnd | * | * | * | -0.00074 | | | -0.00074 | * | no | 1.864 | - |
| | TriCB 258 | 13.61 | * | no | * | | | | | * | | | |
| 24 PCB 26/29 | 256 | 13.74 | -2250 | 1.04 | -4413.46 | -0.00163 | PCB 26/29 NDR | | -0.00065 | 9 | xL | 2.13 | - |
| | TriCB 258 | 13.76 | -2163.46 | OK | * | | | | | 10 | | | |
| 25 PCB 25 | 256 | 13.86 | -1176.24 | 1.04 | -2307.24 | -0.00087 | PCB 25 NDR | | -0.00066 | 5 | xL | 2.103 | - |
| | TriCB 258 | 13.85 | -1131 | OK | * | | | | | 5 | | | |
| 26 PCB 31 | 256 | 14.01 | 10115 | 1 | 20196 | 0.007261 | | | -0.00063 | 42 | no | 2.202 | - |
| | TriCB 258 | 14.02 | 10081 | yes | * | | | | | 44 | | | |
| 27 PCB 28/20 | 256 | 14.17 | 21703 | 0.94 | 44762 | 0.017982 | | | -0.0007 | 90 | no | 1.971 | - |
| | TriCB 258 | 14.18 | 23059 | yes | * | | | | | 99 | | | |
| 28 PCB 21/33 | 256 | 14.29 | 5204 | 1.05 | 10176 | 0.004013 | | | -0.00069 | 21 | no | 2.008 | - |
| | TriCB 258 | 14.28 | 4972 | yes | * | | | | | 21 | | | |
| 29 PCB 22 | 256 | 14.49 | 1849 | 0.93 | 3845 | 0.001731 | | | -0.00079 | 7 | no | 1.758 | - |
| | TriCB 258 | 14.47 | 1997 | yes | * | | | | | 8 | | | |
| 30 PCB 36 | 256 | NotFnd | * | * | * | -0.00059 | | | -0.00059 | * | no | 2.334 | - |
| | TriCB 258 | 15.31 | * | no | * | | | | | * | | | |
| 31 PCB 39 | 256 | NotFnd | * | * | * | -0.00072 | | | -0.00072 | * | no | 1.922 | - |
| | TriCB 258 | 15.52 | * | no | * | | | | | * | | | |
| 32 PCB 38 | 256 | NotFnd | * | * | * | -0.0007 | | | -0.0007 | * | no | 1.971 | - |
| | TriCB 258 | 15.88 | * | no | * | | | | | * | | | |
| 33 PCB 35 | 256 | NotFnd | * | * | * | -0.00069 | | | -0.00069 | * | no | 2.017 | - |
| | TriCB 258 | 16.14 | * | no | * | | | | | * | | | |
| 34 PCB 37 | 256 | 16.37 | 2877 | 0.95 | 5907 | 0.003018 | | | -0.00141 | 10 | no | 0.985 | - |
| | TriCB 258 | 16.39 | 3031 | yes | * | | | | | 11 | | | |
| 35 PCB 54 | 290 | NotFnd | * | * | * | -0.00086 | | | -0.00086 | * | no | 1.02 | - |
| | TCB 292 | 12.88 | * | no | * | | | | | * | | | |
| 36 PCB 53/50 | 290 | 13.88 | -1566.95 | 0.77 | -3601.95 | -0.00387 | PCB 53/50 NDR | | -0.00157 | 12 | xL | 0.872 | - |
| | TCB 292 | 13.89 | -2035 | OK | * | | | | | 10 | | | |
| 37 PCB 45/51 | 290 | 14.22 | 620 | 0.84 | 1362 | -0.00165 | | | -0.00165 | * | yes | 0.826 | - |
| | TCB 292 | 14.24 | 742 | no | * | | | | | * | | | |
| 38 PCB 46 | 290 | NotFnd | * | * | * | -0.00188 | | | -0.00188 | * | no | 0.727 | - |
| | TCB 292 | 14.39 | * | no | * | | | | | * | | | |
| 39 PCB 52 | 290 | 15.10 | 14912 | 0.76 | 34407 | 0.035719 | | | -0.00151 | 90 | no | 0.905 | - |
| | TCB 292 | 15.10 | 19495 | yes | * | | | | | 93 | | | |
| 40 PCB 73 | 290 | NotFnd | * | * | * | -0.00122 | | | -0.00122 | * | no | 1.116 | - |
| | TCB 292 | 15.18 | * | no | * | | | | | * | | | |
| 41 PCB 43 | 290 | NotFnd | * | * | * | -0.00255 | | | -0.00255 | * | no | 0.537 | - |
| | TCB 292 | 15.25 | * | no | * | | | | | * | | | |
| 42 PCB 69/49 | 290 | 15.37 | 3648 | 0.84 | 7989 | 0.007688 | | | -0.0014 | 21 | no | 0.976 | - |
| | TCB 292 | 15.37 | 4341 | yes | * | | | | | 21 | | | |

| | | | | | | | | | | | | |
|--------------------------|----------|--------|----------|------|----------|----------|------------|----------|-----|-----|-------|---|
| 43 PCB 48 | 290 | 15.55 | 1770 | 0.72 | 4221 | 0.005182 | | -0.00179 | 10 | no | 0.765 | - |
| | TCB 292 | 15.55 | 2451 | yes | | | | | 11 | | | |
| 44 PCB 44/47/65 | 290 | 15.68 | 11409 | 0.74 | 26939 | 0.028679 | | -0.00155 | 52 | no | 0.883 | - |
| | TCB 292 | 15.70 | 15530 | yes | | | | | 56 | | | |
| 45 PCB 59/62/75 | 290 | 15.87 | 1091 | 0.66 | 2745 | 0.002334 | | -0.00124 | 5 | no | 1.105 | - |
| | TCB 292 | 15.87 | 1654 | yes | | | | | 6 | | | |
| 46 PCB 42 | 290 | 15.98 | 1414 | 0.8 | 3175 | 0.00416 | | -0.00191 | 8 | no | 0.717 | - |
| | TCB 292 | 15.98 | 1761 | yes | | | | | 6 | | | |
| 47 PCB 40/41/71 | 290 | 16.27 | 3682 | 0.75 | 8590 | 0.010056 | | -0.0017 | 18 | no | 0.803 | - |
| | TCB 292 | 16.27 | 4908 | yes | | | | | 18 | | | |
| 48 PCB 64 | 290 | 16.41 | 1114 | 0.87 | 2394 | 0.002175 | | -0.00132 | 6 | no | 1.034 | - |
| | TCB 292 | 16.41 | 1280 | yes | | | | | 5 | | | |
| 49 PCB 72 | 290 | 16.89 | 675 | 0.66 | 1704 | 0.000793 | | -0.00063 | 3 | yes | 2.019 | - |
| | TCB 292 | 16.89 | 1029 | yes | | | | | 4 | | | |
| 50 PCB 68 | 290 | 17.06 | -946 | 0.77 | -2174.57 | -0.00108 | PCB 68 NDR | -0.00067 | 4 | xL | 1.893 | - |
| | TCB 292 | 17.06 | -1228.57 | OK | | | | | 5 | | | |
| 51 PCB 57 | 290 | NotFnd | * | * | * | -0.00064 | | -0.00064 | * | no | 1.963 | - |
| | TCB 292 | 17.35 | * | no | * | | | | * | | | |
| 52 PCB 58 | 290 | NotFnd | * | * | * | -0.00072 | | -0.00072 | * | no | 1.762 | - |
| | TCB 292 | 17.50 | * | no | * | | | | * | | | |
| 53 PCB 67 | 290 | 17.61 | 566 | 0.83 | 1252 | -0.0006 | | -0.0006 | * | yes | 2.107 | - |
| | TCB 292 | 17.61 | 686 | no | | | | | * | | | |
| 54 PCB 63 | 290 | 17.78 | 817 | 0.72 | 1954 | 0.000909 | | -0.00063 | 4 | yes | 2.019 | - |
| | TCB 292 | 17.77 | 1137 | yes | | | | | 5 | | | |
| 55 PCB 61/70/74/76 | 290 | 18.00 | 26016 | 0.73 | 61896 | 0.032018 | | -0.0007 | 86 | no | 1.816 | - |
| | TCB 292 | 18.00 | 35881 | yes | | | | | 93 | | | |
| 56 PCB 66 | 290 | 18.22 | 14531 | 0.76 | 33577 | 0.015667 | | -0.00062 | 64 | no | 2.026 | - |
| | TCB 292 | 18.21 | 19046 | yes | | | | | 67 | | | |
| 57 PCB 55 | 290 | NotFnd | * | * | * | -0.00075 | | -0.00075 | * | no | 1.69 | - |
| | TCB 292 | 18.34 | * | no | * | | | | * | | | |
| 58 PCB 56 | 290 | 18.70 | -1654 | 0.77 | -3802.05 | -0.00215 | PCB 56 NDR | -0.00077 | 7 | xL | 1.654 | - |
| | TCB 292 | 18.68 | -2148.05 | OK | | | | | 9 | | | |
| 59 PCB 60 | 290 | 18.85 | 2098 | 0.68 | 5185 | 0.002952 | | -0.00077 | 10 | no | 1.65 | - |
| | TCB 292 | 18.84 | 3086 | yes | | | | | 11 | | | |
| 60 PCB 80 | 290 | NotFnd | * | * | * | -0.00059 | | -0.00059 | * | no | 2.158 | - |
| | TCB 292 | 19.09 | * | no | * | | | | * | | | |
| 61 PCB 79 | 290 | NotFnd | * | * | * | -0.0006 | | -0.0006 | * | no | 2.095 | - |
| | TCB 292 | 20.23 | * | no | * | | | | * | | | |
| 62 PCB 78 | 290 | NotFnd | * | * | * | -0.00068 | | -0.00068 | * | no | 1.857 | - |
| | TCB 292 | 20.67 | * | no | * | | | | * | | | |
| 63 PCB 81 | 290 | NotFnd | * | * | * | -0.00108 | | -0.00108 | * | no | 1.167 | - |
| | TCB 292 | 20.99 | * | no | * | | | | * | | | |
| 64 PCB 77 | 290 | 21.43 | -1250 | 0.77 | -2873.38 | -0.00184 | PCB 77 NDR | -0.00104 | 5 | xL | 1.216 | - |
| | TCB 292 | 21.43 | -1623.38 | OK | | | | | 6 | | | |
| 65 PCB 104 | 326 | NotFnd | * | * | * | -0.00103 | | -0.00103 | * | no | 1.188 | - |
| | PeCB 328 | 15.65 | * | no | * | | | | * | | | |
| 66 PCB 96 | 326 | NotFnd | * | * | * | -0.00179 | | -0.00179 | * | no | 0.682 | - |
| | PeCB 328 | 15.87 | * | no | * | | | | * | | | |
| 67 PCB 103 | 326 | NotFnd | * | * | * | -0.00133 | | -0.00133 | * | no | 0.759 | - |
| | PeCB 328 | 17.01 | * | no | * | | | | * | | | |
| 68 PCB 94 | 326 | NotFnd | * | * | * | -0.00182 | | -0.00182 | * | no | 0.555 | - |
| | PeCB 328 | 17.15 | * | no | * | | | | * | | | |
| 69 PCB 95 | 326 | 17.44 | 18911 | 1.58 | 30910 | 0.039048 | | -0.00147 | 83 | no | 0.687 | - |
| | PeCB 328 | 17.44 | 11999 | yes | | | | | 79 | | | |
| 70 PCB 100/93/102/98 | 326 | NotFnd | * | * | * | -0.00162 | | -0.00162 | * | no | 0.623 | - |
| | PeCB 328 | 17.59 | * | no | * | | | | * | | | |
| 71 PCB 80/91 | 326 | 18.00 | 1052 | 1.45 | 1780 | 0.002464 | | -0.00161 | 4 | yes | 0.627 | - |
| | PeCB 328 | 17.98 | 727 | yes | | | | | 5 | | | |
| 72 PCB 84 | 326 | 18.15 | 2022 | 1.46 | 3411 | 0.005397 | | -0.00184 | 9 | no | 0.548 | - |
| | PeCB 328 | 18.15 | 1389 | yes | | | | | 10 | | | |
| 73 PCB 89 | 326 | NotFnd | * | * | * | -0.00167 | | -0.00167 | * | no | 0.604 | - |
| | PeCB 328 | 18.48 | * | no | * | | | | * | | | |
| 74 PCB 121 | 326 | NotFnd | * | * | * | -0.00125 | | -0.00125 | * | no | 0.81 | - |
| | PeCB 328 | 18.73 | * | no | * | | | | * | | | |
| 75 PCB 92 | 326 | 18.99 | 7931 | 1.63 | 12813 | 0.017394 | | -0.00158 | 33 | no | 0.639 | - |
| | PeCB 328 | 18.99 | 4882 | yes | | | | | 31 | | | |
| 76 PCB 113/90/101 | 326 | 19.42 | 42000 | 1.57 | 68816 | 0.083339 | | -0.00141 | 171 | no | 0.716 | - |
| | PeCB 328 | 19.40 | 26815 | yes | | | | | 175 | | | |
| 77 PCB 83/99 | 326 | 19.84 | 30145 | 1.58 | 49259 | 0.073576 | | -0.00174 | 119 | no | 0.581 | - |
| | PeCB 328 | 19.84 | 19114 | yes | | | | | 114 | | | |
| 78 PCB 112 | 326 | NotFnd | * | * | * | -0.00117 | | -0.00117 | * | no | 0.863 | - |
| | PeCB 328 | 19.95 | * | no | * | | | | * | | | |
| 79 PCB 109/119/86/97/125 | 326 | 20.23 | 12745 | 1.62 | 20613 | 0.025054 | | -0.00141 | 33 | yes | 0.714 | - |
| | PeCB 328 | 20.23 | 7867 | yes | | | | | 33 | | | |
| 80 PCB 117/116/85 | 326 | 20.78 | 7589 | 1.7 | 12055 | 0.01344 | | -0.0013 | 24 | no | 0.778 | - |
| | PeCB 328 | 20.81 | 4466 | yes | | | | | 22 | | | |
| 81 PCB 110/115 | 326 | 20.90 | 20530 | 1.51 | 34149 | 0.042705 | | -0.00145 | 79 | no | 0.694 | - |
| | PeCB 328 | 20.92 | 13619 | yes | | | | | 83 | | | |
| 82 PCB 82 | 326 | 21.15 | 1104 | 1.64 | 1777 | 0.002842 | | -0.00186 | 4 | no | 0.542 | - |
| | PeCB 328 | 21.17 | 674 | yes | | | | | 4 | | | |
| 83 PCB 111 | 326 | NotFnd | * | * | * | -0.00131 | | -0.00131 | * | no | 0.772 | - |
| | PeCB 328 | 21.45 | * | no | * | | | | * | | | |
| 84 PCB 120 | 326 | NotFnd | * | * | * | -0.00115 | | -0.00115 | * | no | 0.877 | - |
| | PeCB 328 | 21.82 | * | no | * | | | | * | | | |
| 85 PCB 108/124 | 326 | 22.76 | 2042 | 1.56 | 3348 | 0.001951 | | -0.00093 | 6 | yes | 1.488 | - |
| | PeCB 328 | 22.73 | 1306 | yes | | | | | 6 | | | |
| 86 PCB 107 | 326 | 22.96 | 5820 | 1.57 | 9530 | 0.004971 | | -0.00083 | 15 | yes | 1.663 | - |
| | PeCB 328 | 22.94 | 3709 | yes | | | | | 15 | | | |
| 87 PCB 123 | 326 | 23.03 | 1013 | 1.93 | 1538 | -0.00145 | | -0.00145 | * | yes | 0.947 | - |
| | PeCB 328 | 23.05 | 525 | no | | | | | * | | | |
| 88 PCB 106 | 326 | NotFnd | * | * | * | -0.00094 | | -0.00094 | * | no | 1.465 | - |
| | PeCB 328 | 23.17 | * | no | * | | | | * | | | |
| 89 PCB 118 | 326 | 23.34 | 51210 | 1.4 | 87682 | 0.064473 | | -0.00132 | 140 | no | 1.042 | - |
| | PeCB 328 | 23.37 | 36472 | yes | | | | | 160 | | | |

| | | | | | | | | | | | | |
|---------------------|----------|--------|----------|------|----------|----------|-------------|----------|-----|-----|-------|---|
| 90 PCB 122 | 326 | NotFnd | * | * | * | -0.00097 | | -0.00097 | * | no | 1.418 | - |
| | PeCB 328 | 23.85 | * | no | * | | | | * | | | |
| 91 PCB 114 | 326 | NotFnd | * | * | * | -0.00128 | | -0.00128 | * | no | 1.076 | - |
| | PeCB 328 | 23.80 | * | no | * | | | | * | | | |
| 92 PCB 105 | 326 | 24.37 | 15387 | 1.56 | 25272 | 0.019959 | | -0.00132 | 37 | no | 1.04 | - |
| | PeCB 328 | 24.39 | 9885 | yes | * | | | | 39 | | | |
| 93 PCB 127 | 326 | NotFnd | * | * | * | -0.00087 | | -0.00087 | * | no | 1.583 | - |
| | PeCB 328 | 25.66 | * | no | * | | | | * | | | |
| 94 PCB 126 | 326 | NotFnd | * | * | * | -0.00133 | | -0.00133 | * | no | 1.037 | - |
| | PeCB 328 | 27.18 | * | no | * | | | | * | | | |
| 95 PCB 155 | 360 | NotFnd | * | * | * | -0.00079 | | -0.00079 | * | no | 1.079 | - |
| | HxCB 362 | 19.26 | * | no | * | | | | * | | | |
| 96 PCB 152 | 360 | NotFnd | * | * | * | -0.00124 | | -0.00124 | * | no | 0.686 | - |
| | HxCB 362 | 19.42 | * | no | * | | | | * | | | |
| 97 PCB 150 | 360 | NotFnd | * | * | * | -0.0014 | | -0.0014 | * | no | 0.606 | - |
| | HxCB 362 | 19.53 | * | no | * | | | | * | | | |
| 98 PCB 136 | 360 | 19.79 | 3635 | 1.33 | 6361 | 0.012057 | | -0.00129 | 26 | no | 0.659 | - |
| | HxCB 362 | 19.80 | 2725 | yes | * | | | | 24 | | | |
| 99 PCB 145 | 360 | NotFnd | * | * | * | -0.00149 | | -0.00149 | * | no | 0.57 | - |
| | HxCB 362 | 20.03 | * | no | * | | | | * | | | |
| 100 PCB 148 | 360 | NotFnd | * | * | * | -0.00173 | | -0.00173 | * | no | 0.491 | - |
| | HxCB 362 | 21.13 | * | no | * | | | | * | | | |
| 101 PCB 151/135 | 360 | 21.61 | 10563 | 1.22 | 19244 | 0.054372 | | -0.00192 | 56 | no | 0.442 | - |
| | HxCB 362 | 21.63 | 8681 | yes | * | | | | 57 | | | |
| 102 PCB 154 | 360 | 21.82 | 1524 | 1.41 | 2602 | 0.006162 | | -0.00161 | 10 | no | 0.528 | - |
| | HxCB 362 | 21.82 | 1077 | yes | * | | | | 10 | | | |
| 103 PCB 144 | 360 | 22.08 | -1010 | 1.24 | -1824.52 | -0.00475 | PCB 144 NDR | -0.00181 | 7 | xL | 0.469 | - |
| | HxCB 362 | 22.06 | -814.516 | OK | * | | | | 8 | | | |
| 104 PCB 147/149 | 360 | 22.37 | 32037 | 1.31 | 56521 | 0.106265 | | -0.00432 | 90 | yes | 0.665 | - |
| | HxCB 362 | 22.36 | 24484 | yes | * | | | | 85 | | | |
| 105 PCB 134/143 | 360 | 22.56 | 1458 | 1.36 | 2532 | 0.006339 | | -0.00485 | 4 | no | 0.593 | - |
| | HxCB 362 | 22.61 | 1074 | yes | * | | | | 3 | | | |
| 106 PCB 139/140 | 360 | NotFnd | * | * | * | -0.00432 | | -0.00432 | * | no | 0.666 | - |
| | HxCB 362 | 22.88 | * | no | * | | | | * | | | |
| 107 PCB 131 | 360 | NotFnd | * | * | * | -0.00532 | | -0.00532 | * | no | 0.54 | - |
| | HxCB 362 | 23.06 | * | no | * | | | | * | | | |
| 108 PCB 142 | 360 | NotFnd | * | * | * | -0.00477 | | -0.00477 | * | no | 0.603 | - |
| | HxCB 362 | 23.19 | * | no | * | | | | * | | | |
| 109 PCB 132 | 360 | 23.42 | 2306 | 1.14 | 4319 | 0.010213 | | -0.00544 | 5 | no | 0.528 | - |
| | HxCB 362 | 23.44 | 2013 | yes | * | | | | 7 | | | |
| 110 PCB 133 | 360 | 23.85 | 1247 | 1.11 | 2370 | 0.004711 | | -0.00457 | 3 | no | 0.629 | - |
| | HxCB 362 | 23.84 | 1123 | yes | * | | | | 3 | | | |
| 111 PCB 165 | 360 | NotFnd | * | * | * | -0.00391 | | -0.00391 | * | no | 0.735 | - |
| | HxCB 362 | 24.17 | * | no | * | | | | * | | | |
| 112 PCB 146 | 360 | 24.42 | 11957 | 1.29 | 21209 | 0.037047 | | -0.00402 | 29 | no | 0.715 | - |
| | HxCB 362 | 24.40 | 9252 | yes | * | | | | 30 | | | |
| 113 PCB 161 | 360 | NotFnd | * | * | * | -0.00333 | | -0.00333 | * | no | 0.864 | - |
| | HxCB 362 | 24.52 | * | no | * | | | | * | | | |
| 114 PCB 153/168 | 360 | 24.97 | 73649 | 1.28 | 131356 | 0.209597 | | -0.00367 | 191 | no | 0.783 | - |
| | HxCB 362 | 24.98 | 57707 | yes | * | | | | 179 | | | |
| 115 PCB 141 | 360 | NotFnd | * | * | * | -0.00444 | | -0.00444 | * | no | 0.648 | - |
| | HxCB 362 | 25.13 | * | no | * | | | | * | | | |
| 116 PCB 130 | 360 | 25.51 | 2057 | 1.13 | 3875 | 0.008335 | | -0.00495 | 5 | no | 0.581 | - |
| | HxCB 362 | 25.50 | 1818 | yes | * | | | | 5 | | | |
| 117 PCB 137 | 360 | NotFnd | * | * | * | -0.00498 | | -0.00498 | * | no | 0.577 | - |
| | HxCB 362 | 25.70 | * | no | * | | | | * | | | |
| 118 PCB 164 | 360 | NotFnd | * | * | * | -0.00361 | | -0.00361 | * | no | 0.796 | - |
| | HxCB 362 | 25.82 | * | no | * | | | | * | | | |
| 119 PCB 138/163/129 | 360 | 26.10 | 42655 | 1.28 | 76057 | 0.144628 | | -0.00438 | 102 | no | 0.657 | - |
| | HxCB 362 | 26.11 | 33402 | yes | * | | | | 101 | | | |
| 120 PCB 160 | 360 | NotFnd | * | * | * | -0.00414 | | -0.00414 | * | no | 0.695 | - |
| | HxCB 362 | 26.28 | * | no | * | | | | * | | | |
| 121 PCB 158 | 360 | 26.46 | 3626 | 1.3 | 6413 | 0.009184 | | -0.0033 | 8 | no | 0.872 | - |
| | HxCB 362 | 26.46 | 2787 | yes | * | | | | 8 | | | |
| 122 PCB 128/166 | 360 | 27.29 | 5068 | 1.27 | 9060 | 0.016183 | | -0.00411 | 11 | no | 0.7 | - |
| | HxCB 362 | 27.27 | 3992 | yes | * | | | | 12 | | | |
| 123 PCB 159 | 360 | NotFnd | * | * | * | -0.00066 | | -0.00066 | * | no | 1.501 | - |
| | HxCB 362 | 28.25 | * | no | * | | | | * | | | |
| 124 PCB 162 | 360 | NotFnd | * | * | * | -0.00074 | | -0.00074 | * | no | 1.338 | - |
| | HxCB 362 | 28.51 | * | no | * | | | | * | | | |
| 125 PCB 167 | 360 | 29.00 | 2177 | 1.33 | 3809 | 0.003874 | | -0.00104 | 13 | no | 0.951 | - |
| | HxCB 362 | 29.01 | 1633 | yes | * | | | | 13 | | | |
| 126 PCB 156/157 | 360 | 30.13 | 3170 | 1.2 | 5804 | 0.006249 | | -0.00095 | 16 | no | 1.036 | - |
| | HxCB 362 | 30.16 | 2634 | yes | * | | | | 17 | | | |
| 127 PCB 169 | 360 | NotFnd | * | * | * | -0.00102 | | -0.00102 | * | no | 0.973 | - |
| | HxCB 362 | 33.53 | * | no | * | | | | * | | | |
| 128 PCB 188 | 394 | NotFnd | * | * | * | -0.00108 | | -0.00108 | * | no | 1.053 | - |
| | HpCB 396 | 23.79 | * | no | * | | | | * | | | |
| 129 PCB 179 | 394 | 24.07 | 3348 | 1.02 | 6624 | 0.012737 | | -0.00116 | 21 | yes | 0.98 | - |
| | HpCB 396 | 24.07 | 3276 | yes | * | | | | 21 | | | |
| 130 PCB 184 | 394 | NotFnd | * | * | * | -0.00125 | | -0.00125 | * | no | 0.904 | - |
| | HpCB 396 | 24.57 | * | no | * | | | | * | | | |
| 131 PCB 176 | 394 | 24.86 | 847 | 1.08 | 1634 | 0.003279 | | -0.00121 | 5 | yes | 0.939 | - |
| | HpCB 396 | 24.88 | 787 | yes | * | | | | 5 | | | |
| 132 PCB 186 | 394 | NotFnd | * | * | * | -0.00138 | | -0.00138 | * | no | 0.822 | - |
| | HpCB 396 | 25.28 | * | no | * | | | | * | | | |
| 133 PCB 178 | 394 | 26.53 | 1828 | 1.09 | 3511 | 0.009983 | | -0.00171 | 11 | no | 0.663 | - |
| | HpCB 396 | 26.54 | 1684 | yes | * | | | | 10 | | | |
| 134 PCB 175 | 394 | NotFnd | * | * | * | -0.00163 | | -0.00163 | * | no | 0.695 | - |
| | HpCB 396 | 27.14 | * | no | * | | | | * | | | |
| 135 PCB 187 | 394 | 27.38 | 11258 | 1.06 | 21882 | 0.063714 | | -0.00175 | 65 | no | 0.647 | - |
| | HpCB 396 | 27.40 | 10624 | yes | * | | | | 65 | | | |
| 136 PCB 182 | 394 | NotFnd | * | * | * | -0.00168 | | -0.00168 | * | no | 0.673 | - |
| | HpCB 396 | 27.61 | * | no | * | | | | * | | | |

| | | | | | | | | | | | |
|-------------------|----------|--------|--------|------|--------|----------|----------|------|-----|-------|-----|
| 137 PCB 183 | 394 | 27.98 | 4815 | 1.02 | 9526 | 0.015768 | -0.00117 | 42 | yes | 1.138 | - |
| | HpCB 396 | 27.96 | 4711 | yes | | | | 39 | | | |
| 138 PCB 185 | 394 | NotFnd | * | * | * | -0.00179 | | * | no | 0.743 | - |
| | HpCB 396 | 28.06 | * | no | | | | * | | | |
| 139 PCB 174 | 394 | NotFnd | * | * | * | -0.00153 | | * | no | 0.867 | - |
| | HpCB 396 | 28.18 | * | no | | | | * | | | |
| 140 PCB 177 | 394 | 28.62 | 3664 | 1.11 | 6968 | 0.015022 | -0.00152 | 28 | no | 0.874 | - |
| | HpCB 396 | 28.66 | 3304 | yes | | | | 29 | | | |
| 141 PCB 181 | 394 | NotFnd | * | * | * | -0.00156 | | * | no | 0.85 | - |
| | HpCB 396 | 29.03 | * | no | | | | * | | | |
| 142 PCB 171/173 | 394 | 29.25 | 1649 | 1.18 | 3048 | 0.006564 | -0.00152 | 11 | no | 0.875 | - |
| | HpCB 396 | 29.26 | 1399 | yes | | | | 12 | | | |
| 143 PCB 172 | 394 | NotFnd | * | * | * | -0.00154 | | * | no | 0.866 | - |
| | HpCB 396 | 30.90 | * | no | | | | * | | | |
| 144 PCB 192 | 394 | NotFnd | * | * | * | -0.00136 | | * | no | 0.979 | - |
| | HpCB 396 | 31.21 | * | no | | | | * | | | |
| 145 PCB 193/180 | 394 | 31.58 | 4859 | 1.15 | 9099 | 0.01665 | -0.001 | 34 | no | 1.333 | - |
| | HpCB 396 | 31.56 | 4240 | yes | | | | 33 | | | |
| 146 PCB 191 | 394 | NotFnd | * | * | * | -0.00115 | | * | no | 1.152 | - |
| | HpCB 396 | 31.94 | * | no | | | | * | | | |
| 147 PCB 170 | 394 | 32.88 | 768 | 1.21 | 1405 | 0.003522 | -0.0011 | 5 | yes | 1.206 | - |
| | HpCB 396 | 32.90 | 637 | yes | | | | 5 | | | |
| 148 PCB 190 | 394 | NotFnd | * | * | * | -0.00122 | | * | no | 1.089 | - |
| | HpCB 396 | 33.46 | * | no | | | | * | | | |
| 149 PCB 189 | 394 | NotFnd | * | * | * | -0.00199 | | * | no | 0.91 | - |
| | HpCB 396 | 36.29 | * | no | | | | * | | | |
| 150 PCB 202 | 428 | 28.76 | 877 | 0.92 | 1833 | 0.003521 | -0.00146 | 7 | yes | 1.08 | - |
| | OcCB 430 | 28.77 | 956 | yes | | | | 6 | | | |
| 151 PCB 201 | 428 | NotFnd | * | * | * | -0.00145 | | * | no | 1.088 | - |
| | OcCB 430 | 29.69 | * | no | | | | * | | | |
| 152 PCB 204 | 428 | NotFnd | * | * | * | -0.00146 | | * | no | 1.08 | - |
| | OcCB 430 | 30.38 | * | no | | | | * | | | |
| 153 PCB 197 | 428 | NotFnd | * | * | * | -0.00179 | | * | no | 0.88 | - |
| | OcCB 430 | 30.61 | * | no | | | | * | | | |
| 154 PCB 200 | 428 | NotFnd | * | * | * | -0.00138 | | * | no | 1.141 | - |
| | OcCB 430 | 30.73 | * | no | | | | * | | | |
| 155 PCB 198/199 | 428 | NotFnd | * | * | * | -0.00228 | | * | no | 0.691 | - |
| | OcCB 430 | 33.63 | * | no | | | | * | | | |
| 156 PCB 196 | 428 | NotFnd | * | * | * | -0.00214 | | * | no | 0.736 | - |
| | OcCB 430 | 34.35 | * | no | | | | * | | | |
| 157 PCB 203 | 428 | NotFnd | * | * | * | -0.00221 | | * | no | 0.712 | - |
| | OcCB 430 | 34.54 | * | no | | | | * | | | |
| 158 PCB 195 | 428 | NotFnd | * | * | * | -0.00161 | | * | no | 1.012 | - |
| | OcCB 430 | 35.99 | * | no | | | | * | | | |
| 159 PCB 194 | 428 | NotFnd | * | * | * | -0.00154 | | * | no | 1.061 | - |
| | OcCB 430 | 38.61 | * | no | | | | * | | | |
| 160 PCB 205 | 428 | NotFnd | * | * | * | -0.00153 | | * | no | 1.071 | - |
| | OcCB 430 | 39.16 | * | no | | | | * | | | |
| 161 PCB 208 | 462 | NotFnd | * | * | * | -0.00212 | | * | no | 1.082 | - |
| | NoCB 464 | 35.75 | * | no | | | | * | | | |
| 162 PCB 207 | 462 | NotFnd | * | * | * | -0.00173 | | * | no | 1.324 | - |
| | NoCB 464 | 36.79 | * | no | | | | * | | | |
| 163 PCB 206 | 462 | NotFnd | * | * | * | -0.00213 | | * | no | 1.077 | - |
| | NoCB 464 | 41.12 | * | no | | | | * | | | |
| 164 PCB 209 | 498 | NotFnd | * | * | * | -0.00139 | | * | no | 1.024 | - |
| | DCB 500 | 43.01 | * | no | | | | * | | | |
| 165 PCB 1L | 200 | 8.83 | 121490 | 3.41 | 157136 | 0.076849 | 0 | 1274 | no | 0.821 | 40 |
| | 202 | 8.83 | 35646 | yes | | | | 344 | | | |
| 166 PCB 3L | 200 | 10.02 | 139203 | 3.34 | 180948 | 0.087801 | 0 | 1610 | no | 0.828 | 46 |
| | 202 | 10.01 | 41745 | yes | | | | 443 | | | |
| 167 PCB 4L | 234 | 10.14 | 43037 | 1.52 | 71280 | 0.101678 | 0.001 | 419 | no | 0.282 | 53 |
| | 236 | 10.11 | 28243 | yes | | | | 431 | | | |
| 168 PCB 15L | 234 | 12.73 | 220498 | 1.72 | 348438 | 0.131553 | 0.001 | 821 | no | 1.064 | 68 |
| | 236 | 12.73 | 127941 | yes | | | | 791 | | | |
| 169 PCB 19L | 268 | 11.49 | 52055 | 1.01 | 103650 | 0.120596 | 0.006 | 93 | no | 0.345 | 63 |
| | 270 | 11.49 | 51595 | yes | | | | 37 | | | |
| 170 PCB 37L | 268 | 16.37 | 196943 | 1.07 | 381687 | 0.153217 | 0.003 | 195 | no | 2.614 | 80 |
| | 270 | 16.36 | 184744 | yes | | | | 122 | | | |
| 171 PCB 54L | 302 | 12.85 | 48533 | 0.78 | 110660 | 0.153176 | 0.001 | 276 | no | 0.758 | 80 |
| | 304 | 12.85 | 62127 | yes | | | | 1162 | | | |
| 172 PCB 81L | 302 | 20.98 | 115834 | 0.82 | 257012 | 0.14375 | 0 | 564 | no | 1.876 | 75 |
| | 304 | 20.98 | 141178 | yes | | | | 1185 | | | |
| 173 PCB 77L | 302 | 21.41 | 109735 | 0.81 | 245779 | 0.143365 | 0 | 509 | no | 1.799 | 75 |
| | 304 | 21.43 | 136044 | yes | | | | 1087 | | | |
| 174 PCB 104L | 338 | 15.63 | 75407 | 1.6 | 122618 | 0.165301 | 0 | 4114 | no | 0.967 | 86 |
| | 340 | 15.64 | 47211 | yes | | | | 1527 | | | |
| 175 PCB 123L | 338 | 23.03 | 160974 | 1.61 | 261056 | 0.148366 | 0 | 1360 | no | 2.293 | 77 |
| | 340 | 23.05 | 100082 | yes | | | | 1849 | | | |
| 176 PCB 118L | 338 | 23.32 | 155819 | 1.64 | 250721 | 0.148308 | 0 | 1306 | no | 2.203 | 77 |
| | 340 | 23.32 | 94902 | yes | | | | 1713 | | | |
| 177 PCB 114L | 338 | 23.78 | 150718 | 1.7 | 239341 | 0.152209 | 0 | 1263 | no | 2.049 | 79 |
| | 340 | 23.80 | 88623 | yes | | | | 1609 | | | |
| 178 PCB 105L | 338 | 24.34 | 147991 | 1.72 | 233830 | 0.144154 | 0 | 1232 | no | 2.114 | 75 |
| | 340 | 24.36 | 85839 | yes | | | | 1538 | | | |
| 179 PCB 126L | 338 | 27.16 | 111878 | 1.56 | 183441 | 0.115105 | 0 | 869 | no | 2.077 | 60 |
| | 340 | 27.18 | 71562 | yes | | | | 1193 | | | |
| 180 PCB 155L | 372 | 19.25 | 78385 | 1.25 | 140834 | 0.208363 | 0 | 2684 | no | 1.056 | 108 |
| | 374 | 19.25 | 62449 | yes | | | | 2837 | | | |
| 181 PCB 167L | 372 | 28.98 | 112909 | 1.32 | 198629 | 0.136837 | 0 | 1928 | no | 2.269 | 71 |
| | 374 | 29.01 | 86720 | yes | | | | 1066 | | | |
| 182 PCB 156L/157L | 372 | 30.13 | 197570 | 1.35 | 344470 | 0.259487 | 0 | 2787 | no | 2.075 | 68 |
| | 374 | 30.16 | 146900 | yes | | | | 1497 | | | |
| 183 PCB 169L | 372 | 33.50 | 58524 | 1.31 | 103274 | 0.075333 | 0 | 949 | no | 2.142 | 39 |
| | 374 | 33.50 | 44750 | yes | | | | 536 | | | |

| | | | | | | | | | | | | |
|-----------------------|-----|--------|--------|------|---------|----------|--|-------|----------|----|-------|-----|
| 184 PCB 188L | 406 | 23.76 | 66865 | 1.04 | 130955 | 0.185479 | | 0 | 1869 | no | 1.103 | 97 |
| | 408 | 23.77 | 64089 | yes | | | | | 3403 | | | |
| 185 PCB 180L | 406 | 31.56 | 39756 | 1.02 | 78748 | 0.237972 | | 0.001 | 1111 | no | 1.219 | 124 |
| | 408 | 31.56 | 38992 | yes | | | | | 1297 | | | |
| 186 PCB 170L | 406 | 32.87 | 32484 | 1.05 | 63551 | 0.214281 | | 0.001 | 876 | no | 1.093 | 112 |
| | 408 | 32.87 | 31066 | yes | | | | | 1053 | | | |
| 187 PCB 189L | 406 | 36.25 | 70739 | 1.11 | 134581 | 0.204659 | | 0.001 | 716 | no | 2.422 | 107 |
| | 408 | 36.23 | 63842 | yes | | | | | 539 | | | |
| 188 PCB 202L | 440 | 28.74 | 43842 | 0.9 | 92642 | 0.286732 | | 0.001 | 2160 | no | 1.19 | 149 |
| | 442 | 28.71 | 48800 | yes | | | | | 1538 | | | |
| 189 PCB 205L | 440 | 39.12 | 28947 | 0.93 | 60212 | 0.150116 | | 0.001 | 872 | no | 1.478 | 78 |
| | 442 | 39.13 | 31265 | yes | | | | | 858 | | | |
| 190 PCB 208L | 474 | 35.72 | 27113 | 0.82 | 60137 | 0.19112 | | 0.001 | 542 | no | 1.159 | 99 |
| | 476 | 35.73 | 33024 | yes | | | | | 631 | | | |
| 191 PCB 206L | 474 | 41.12 | 13685 | 0.76 | 31765 | 0.143734 | | 0.001 | 265 | no | 0.814 | 75 |
| | 476 | 41.09 | 18080 | yes | | | | | 338 | | | |
| 192 PCB 209L | 510 | 42.96 | 15423 | 1.26 | 27686 | 0.13514 | | 0 | 2723 | no | 0.755 | 70 |
| | 512 | 42.94 | 12263 | yes | | | | | 522 | | | |
| 193 PCB 28L | 268 | 14.15 | 253657 | 1.08 | 489570 | 0.184771 | | 0.003 | 280 | no | 2.78 | 87 |
| PCB Cleanup Standard | 270 | 14.15 | 235913 | yes | | | | | 172 | | | |
| 194 PCB 111L | 338 | 21.41 | 114287 | 1.61 | 185468 | 0.181427 | | 0 | 2501 | no | 1.332 | 85 |
| PCB Cleanup Standard | 340 | 21.44 | 71181 | yes | | | | | 2366 | | | |
| 195 PCB 178L | 406 | 26.50 | 44516 | 1.07 | 86220 | 0.207146 | | 0 | 1135 | no | 0.65 | 97 |
| PCB Cleanup Standard | 408 | 26.50 | 41704 | yes | | | | | 2043 | | | |
| 196 PCB 31L | 268 | NotFnd | * | * | * | | | 0.003 | | no | 2.775 | |
| PCB Audit Standard | 270 | 13.99 | * | no | | | | | | | | |
| 197 PCB 95L | 338 | NotFnd | * | * | * | | | 0 | | no | 0.967 | |
| PCB Audit Standard | 340 | 17.42 | * | no | | | | | | | | |
| 198 PCB 153L | 372 | 24.93 | 1667 | 1.16 | 3108 | 0.00408 | | 0 | 47 | no | 1.191 | 2 |
| PCB Audit Standard | 374 | 24.94 | 1441 | yes | | | | | 35 | | | |
| 199 PCB 9L | 234 | 11.03 | 165882 | 1.66 | 2656900 | 9.863599 | | - | 4957 | no | - | - |
| PCB Recovery Standard | 236 | 11.03 | 998038 | yes | | | | | 6516 | | | |
| 200 PCB 52L | 302 | 15.08 | 453129 | 0.8 | 1017177 | 9.927966 | | - | 2298 | no | - | - |
| PCB Recovery Standard | 304 | 15.08 | 564047 | yes | | | | | 13338 | | | |
| 201 PCB 101L | 338 | 19.40 | 508440 | 1.64 | 818982 | 9.58328 | | - | 11933 | no | - | - |
| PCB Recovery Standard | 340 | 19.40 | 310541 | yes | | | | | 10970 | | | |
| 202 PCB 138L | 372 | 26.09 | 387612 | 1.31 | 682851 | 7.874342 | | - | 10384 | no | - | - |
| PCB Recovery Standard | 374 | 26.09 | 295239 | yes | | | | | 7429 | | | |
| 203 PCB 194L | 440 | 38.58 | 137760 | 0.91 | 289688 | 3.810936 | | - | 4278 | no | - | - |
| PCB Recovery Standard | 442 | 38.61 | 151928 | yes | | | | | 4300 | | | |
| Chlorobiphenyls | | | | | | -0.00104 | | 0 | -0.00104 | | | |
| Dichlorobiphenyls | | | | | | 0.009307 | | 1 | -0.02495 | | | |
| Trichlorobiphenyls | | | | | | 0.034005 | | 5 | -0.00873 | | | |
| Tetrachlorobiphenyls | | | | | | 0.148232 | | 13 | -0.00255 | | | |
| Pentachlorobiphenyls | | | | | | 0.396613 | | 14 | -0.00186 | | | |
| Hexachlorobiphenyls | | | | | | 0.634216 | | 15 | -0.00544 | | | |
| Heptachlorobiphenyls | | | | | | 0.147239 | | 9 | -0.00199 | | | |
| Octachlorobiphenyls | | | | | | 0.003521 | | 1 | -0.00228 | | | |
| Nonachlorobiphenyls | | | | | | -0.00213 | | 0 | -0.00213 | | | |
| Decachlorobiphenyl | | | | | | -0.00139 | | 0 | -0.00139 | | | |
| PCB (total) | | | | | | 1.373133 | | | | | | |

Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 1:48:18 PM

Printed: Wednesday, December 07, 2016 1:49:22 PM

Method: C:\MassLynx\Default.PRO\MethDB\EPA 1668_M2161205B.mdb 06 Dec 2016 10:41:10

Calibration: C:\MassLynx\Default.pro\Curvedb\m2161205B_209.cdb 06 Dec 2016 10:53:58

Description: DIS274-01R

Vial: 10

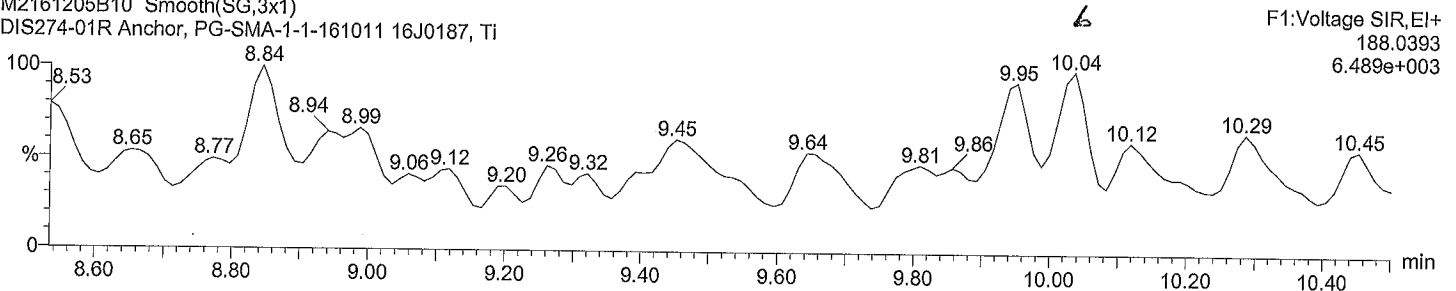
Date: 06-Dec-2016

Time: 03:10:10

Instrument:

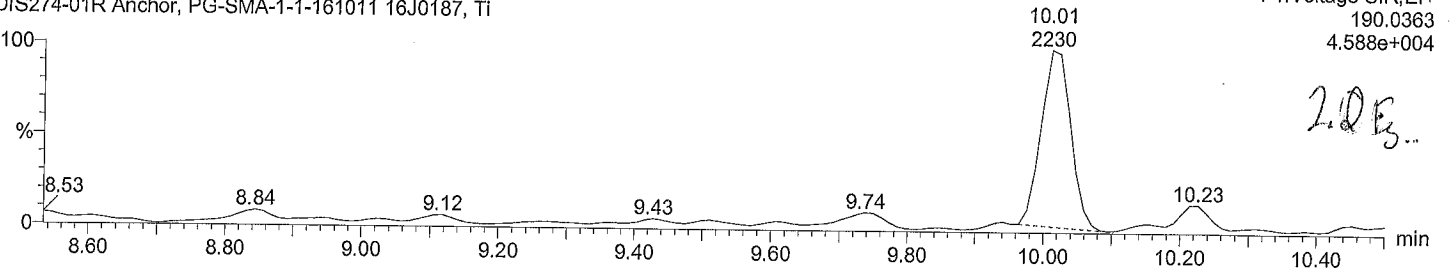
Total MoCB F1

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI



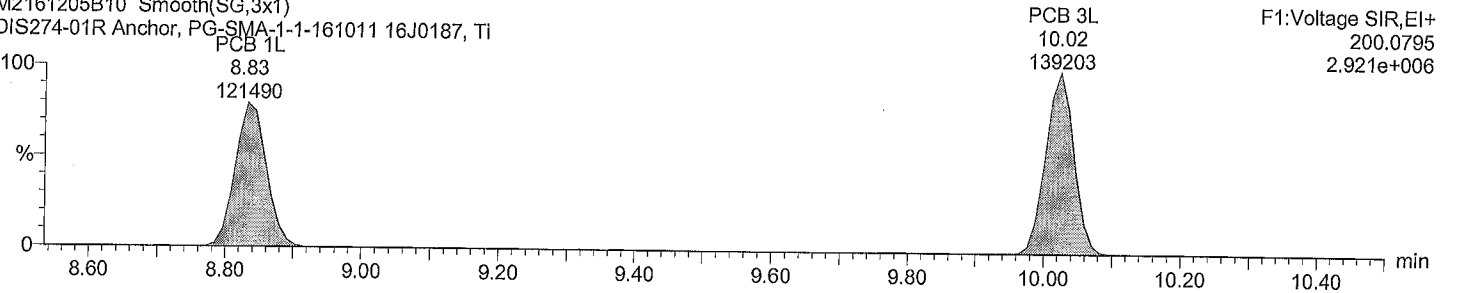
Total MoCB F1

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI



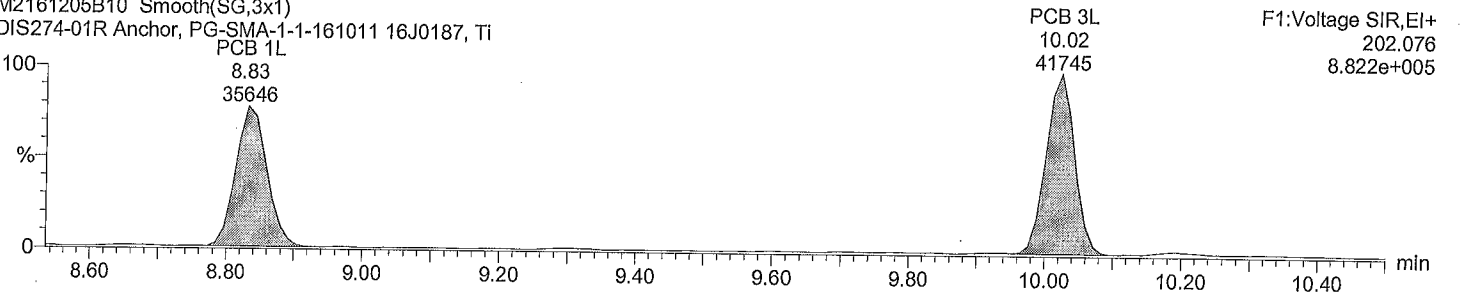
Total MoCB labeled F1

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI



Total MoCB labeled F1

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 1:48:18 PM

Printed: Wednesday, December 07, 2016 1:49:22 PM

Description: DIS274-01R

Vial: 10

Date: 06-Dec-2016

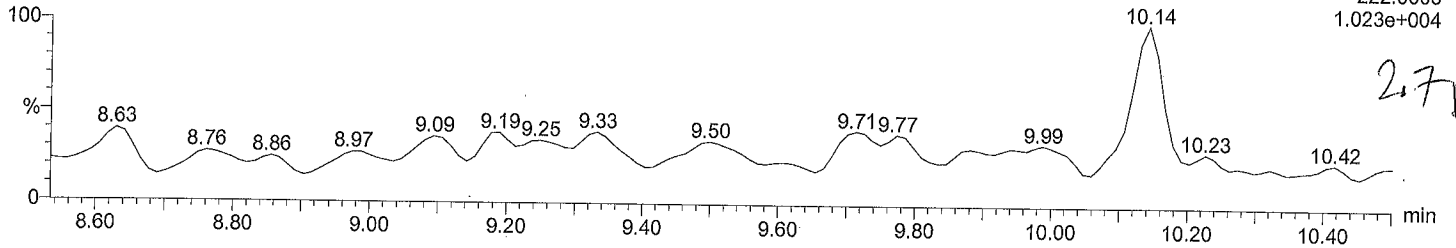
Time: 03:10:10

Instrument:

Total DiCB F1

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI

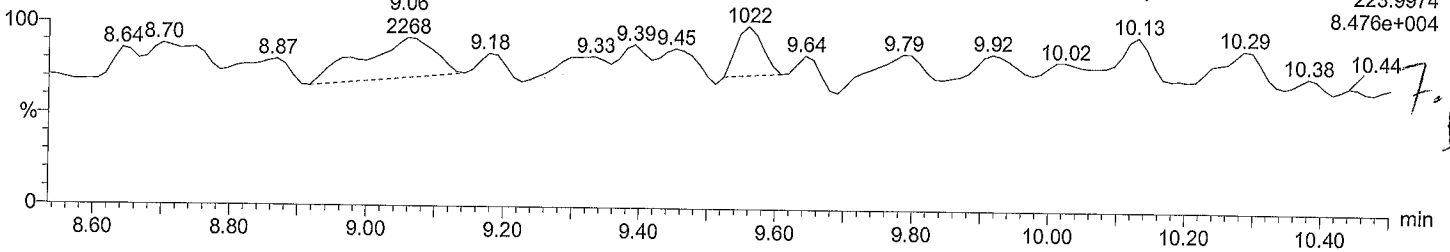
F1:Voltage SIR,EI+
222.0003
1.023e+004



Total DiCB F1

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI

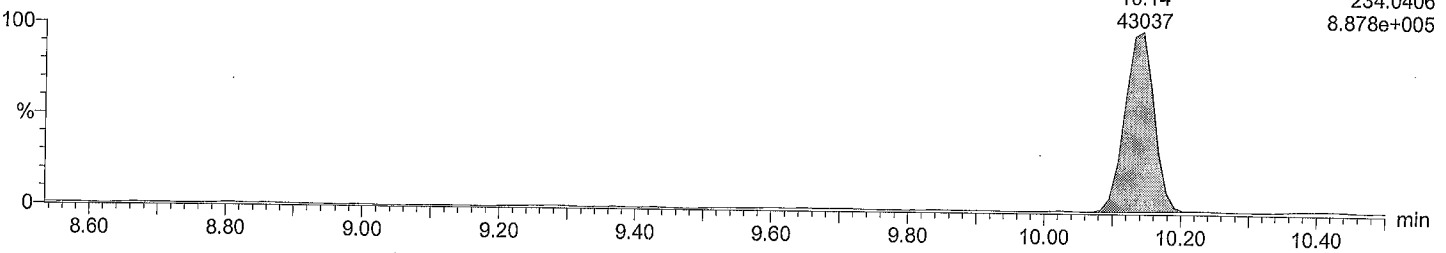
F1:Voltage SIR,EI+
223.9974
8.476e+004



Total DiCB labeled F1

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI

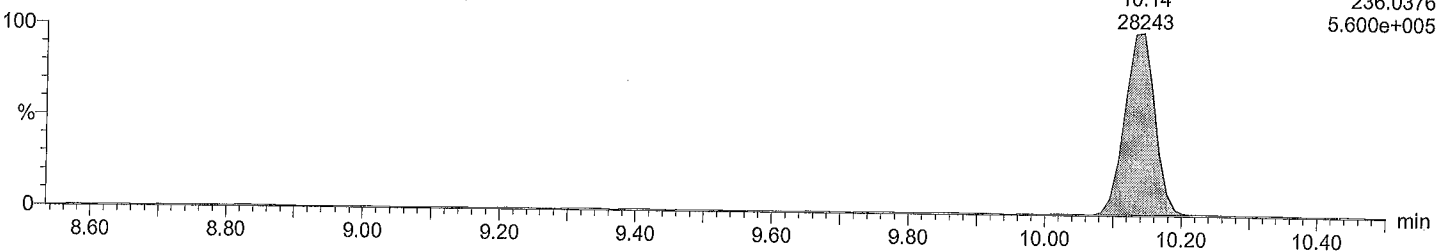
PCB 4L
10.14
43037
F1:Voltage SIR,EI+
234.0406
8.878e+005



Total DiCB labeled F1

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI

PCB 4L
10.14
28243
F1:Voltage SIR,EI+
236.0376
5.600e+005



Quantify Sample Report

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Description: DIS274-01R

Vial: 10

Date: 06-Dec-2016

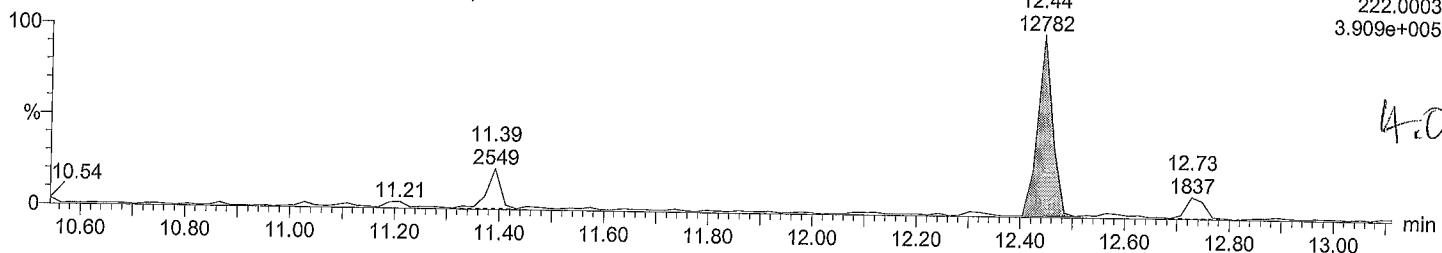
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Instrument:

Total DiCB F2

M2161205B10

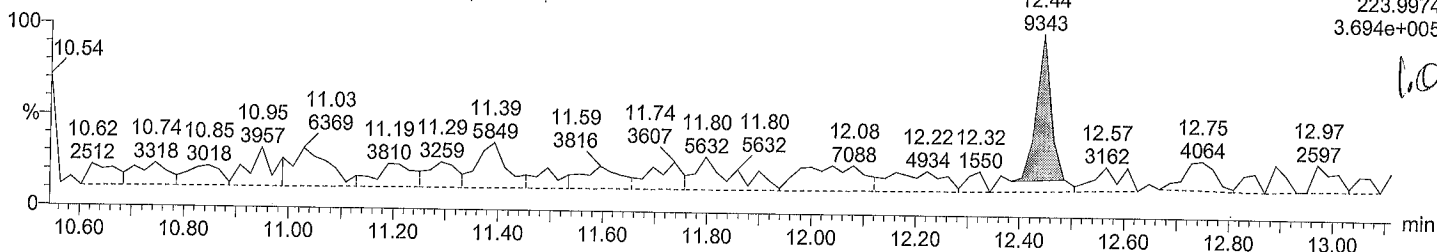
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI



Total DiCB F2

M2161205B10

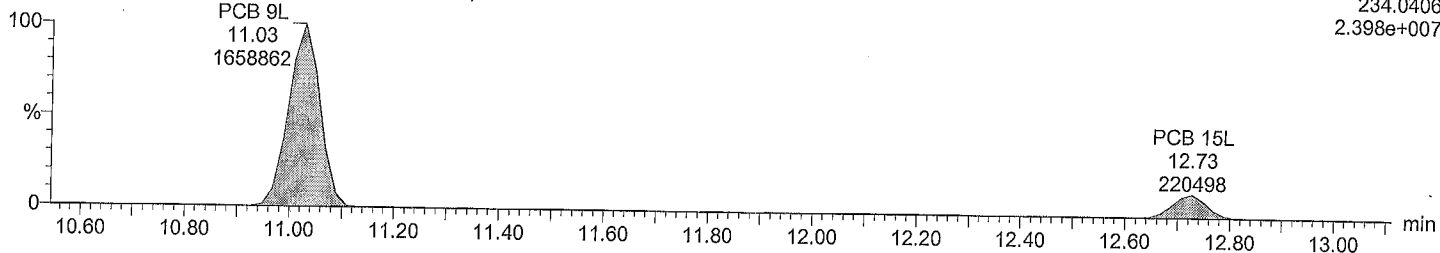
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI



Total DiCB labeled F2

M2161205B10 Smooth(SG,3x1)

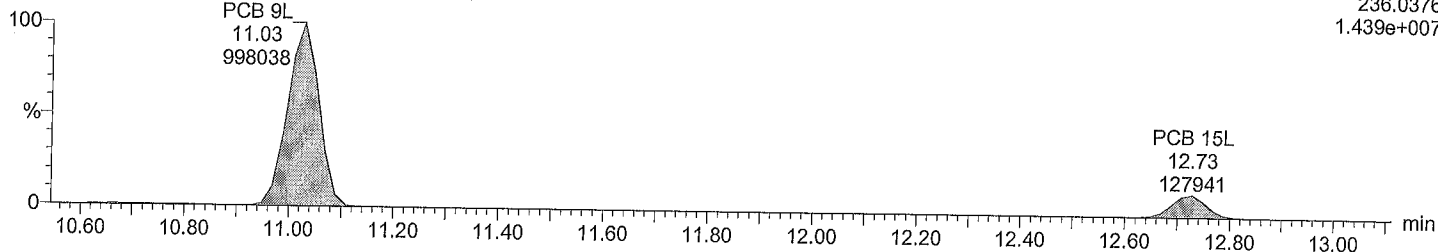
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI



Total DiCB labeled F2

M2161205B10 Smooth(SG,3x1)

DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

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Description: DIS274-01R

Vial: 10

Date: 06-Dec-2016

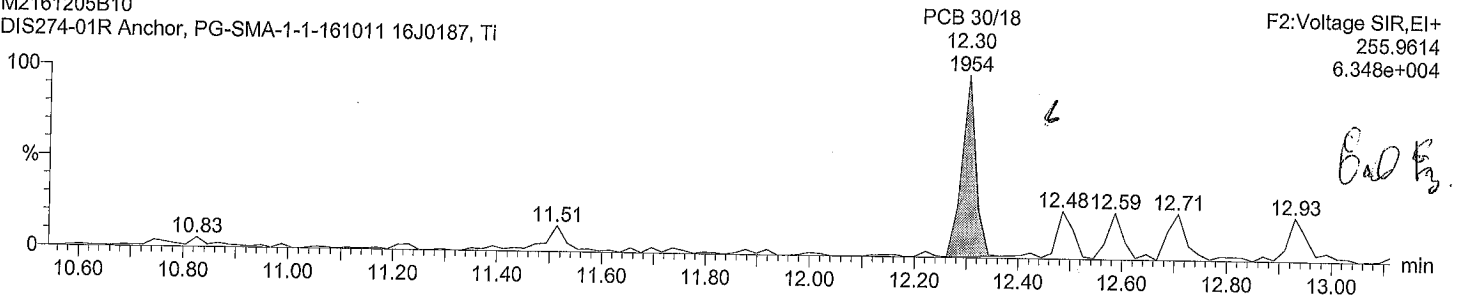
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Instrument:

Total TriCB F2

M2161205B10

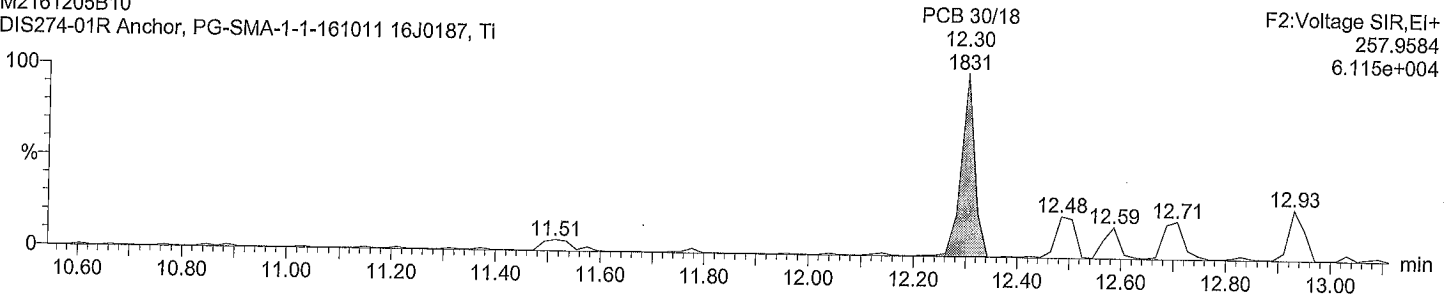
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI



Total TriCB F2

M2161205B10

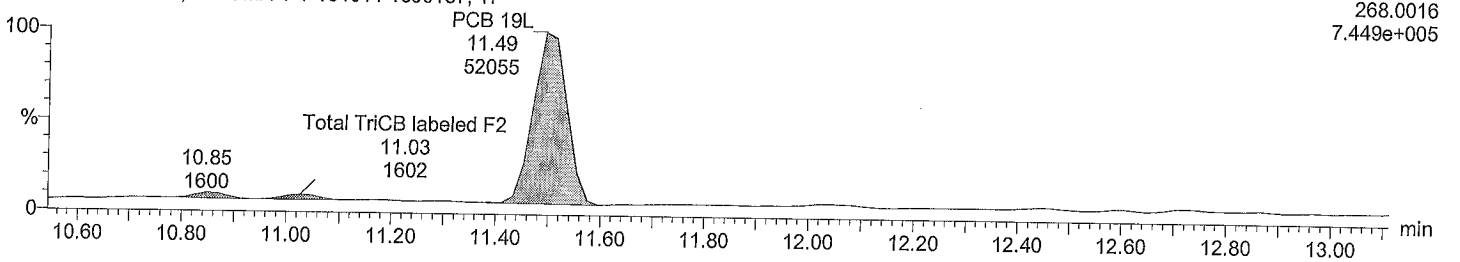
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI



Total TriCB labeled F2

M2161205B10 Smooth(SG,3x1)

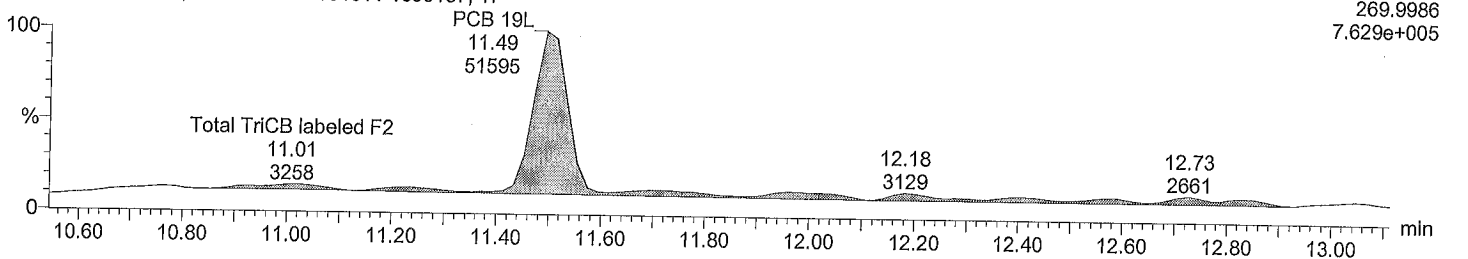
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI



Total TriCB labeled F2

M2161205B10 Smooth(SG,3x1)

DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

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Printed: Wednesday, December 07, 2016 1:49:22 PM

Description: DIS274-01R

Vial: 10

Date: 06-Dec-2016

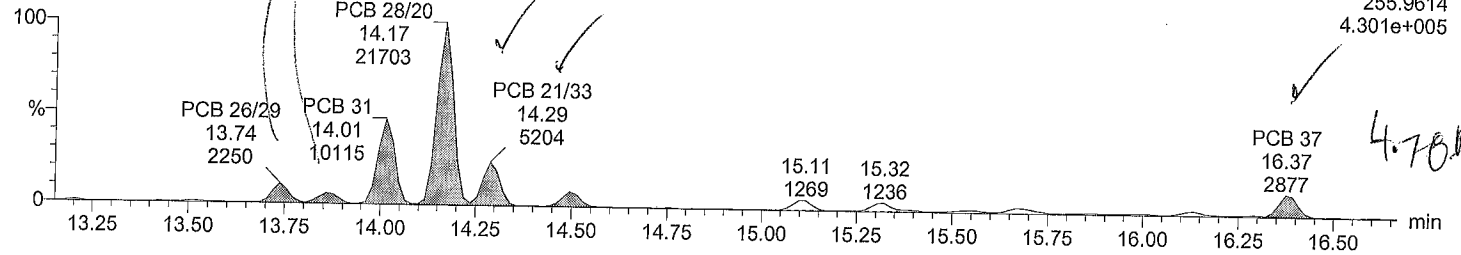
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Instrument:

Total TriCB F3

M2161205B10 Smooth(SG,1x1)

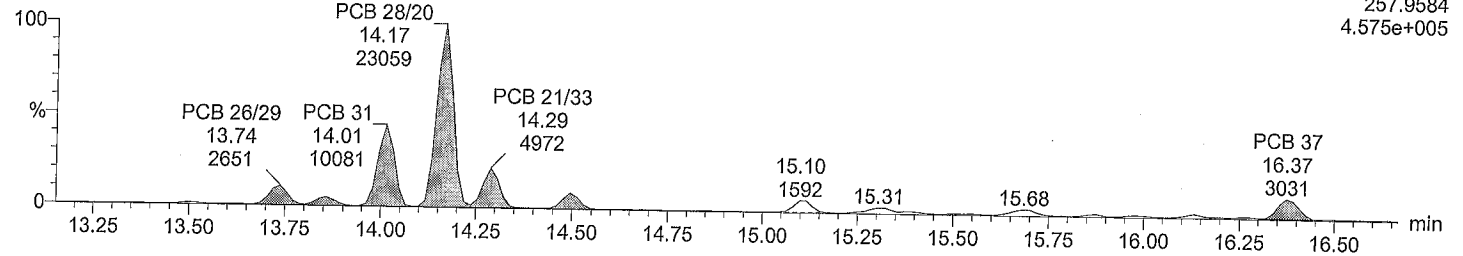
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti



Total TriCB F3

M2161205B10 Smooth(SG,1x1)

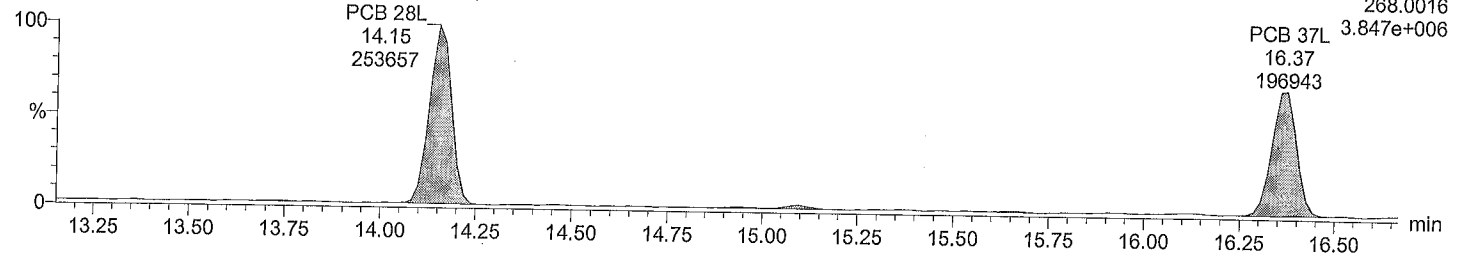
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti



Total TriCB labeled F3

M2161205B10 Smooth(SG,3x1)

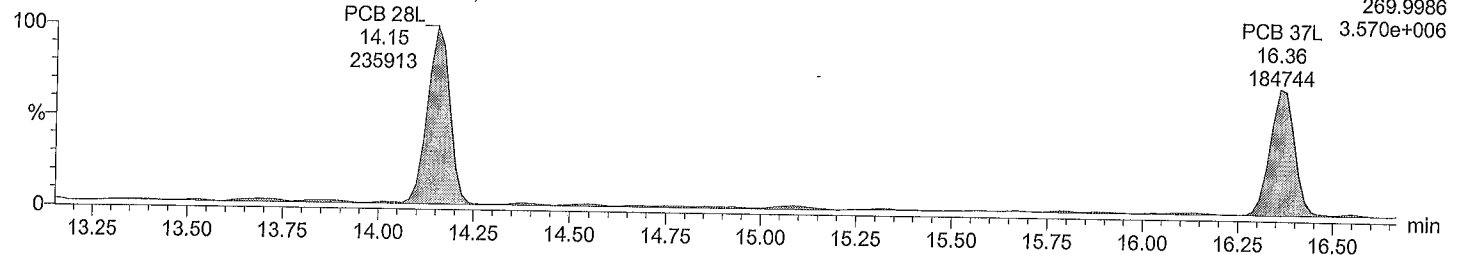
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti



Total TriCB labeled F3

M2161205B10 Smooth(SG,3x1)

DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti



Quantify Sample Report

Acquired Date

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Description: DIS274-01R

Vial: 10

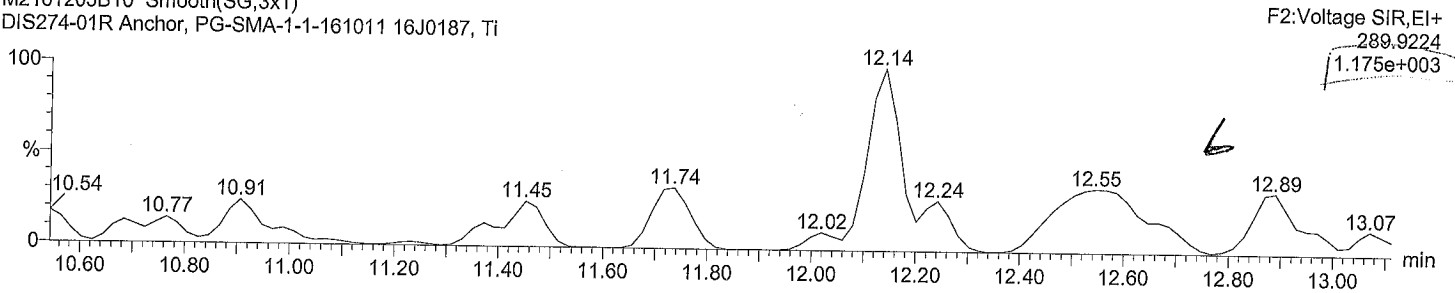
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Time: 03:10:10

Instrument:

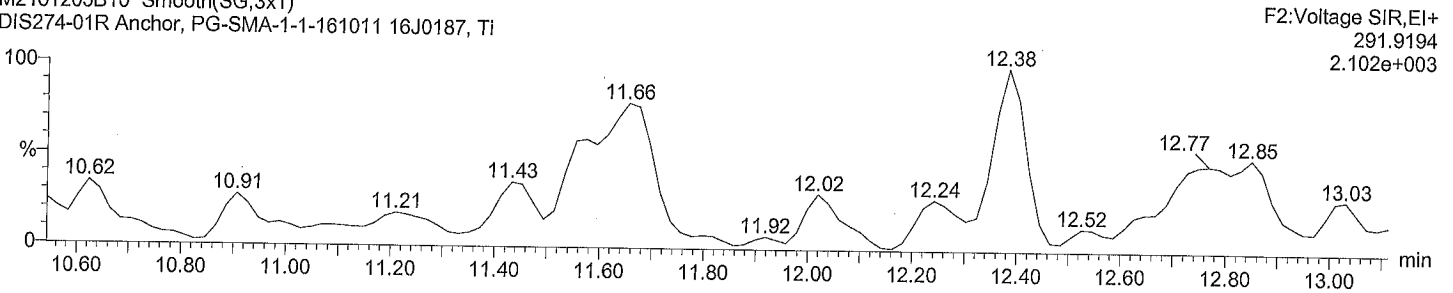
Total TeCB F2

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI



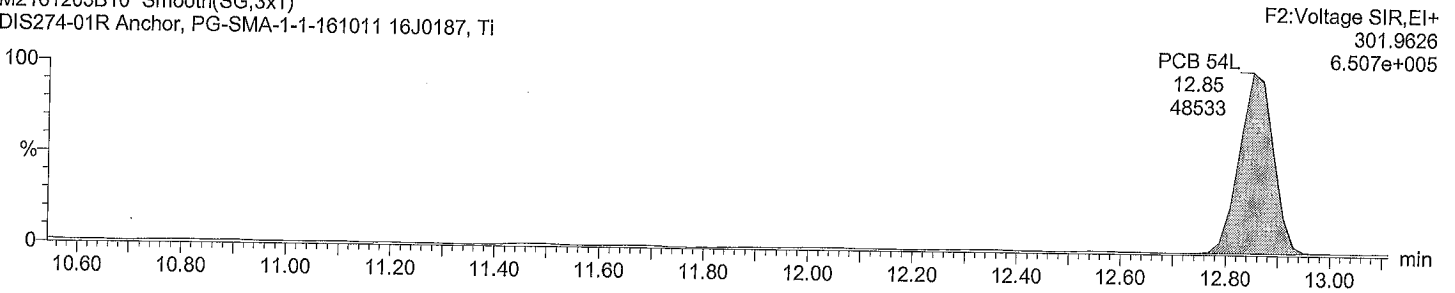
Total TeCB F2

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI



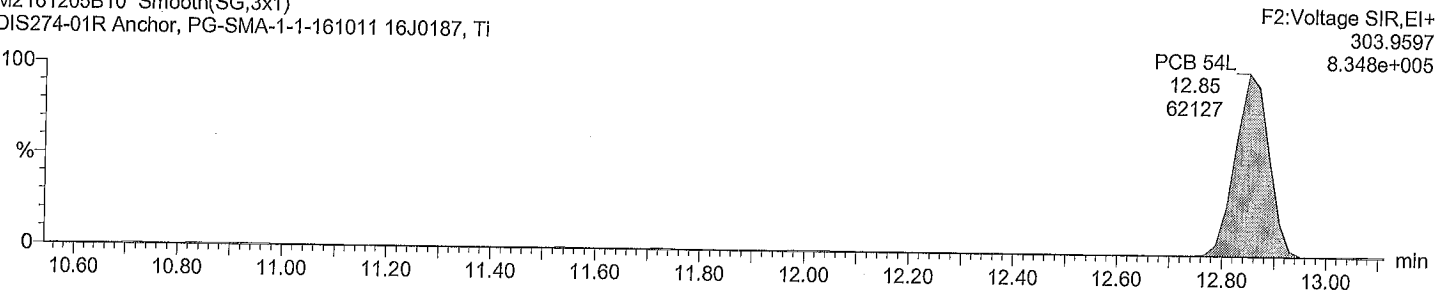
Total TeCB labeled F2

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI



Total TeCB labeled F2

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

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Description: DIS274-01R

Vial: 10

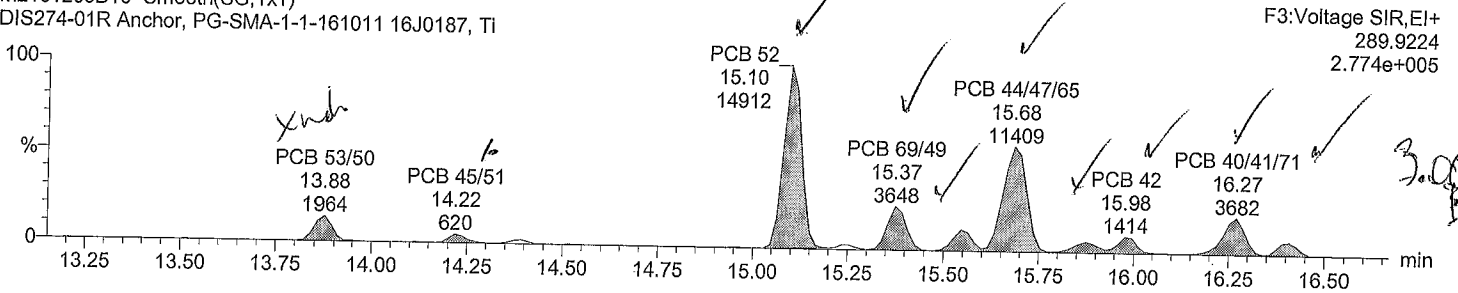
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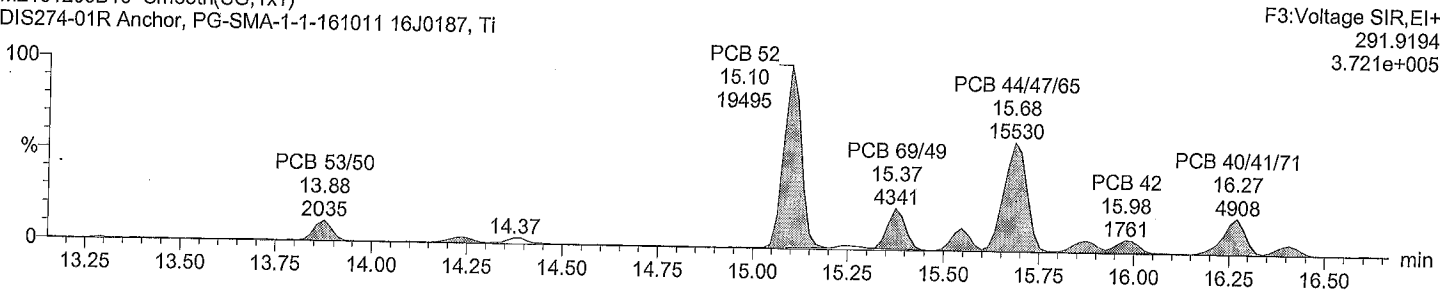
Total TeCB F3

M2161205B10 Smooth(SG,1x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti



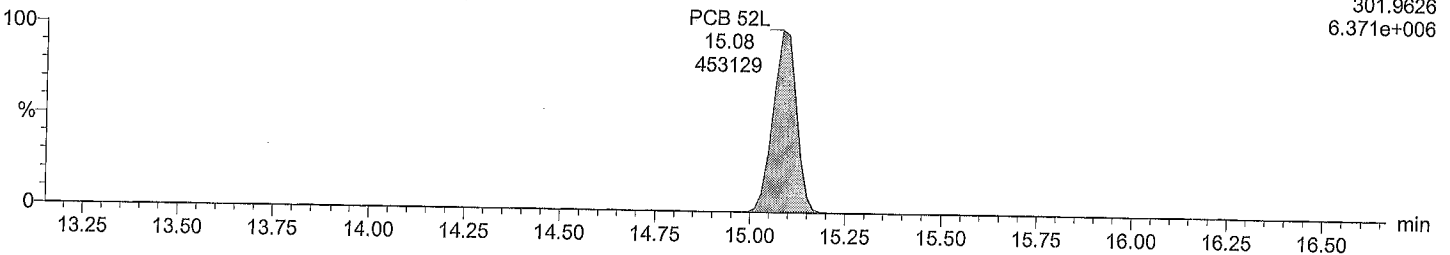
Total TeCB F3

M2161205B10 Smooth(SG,1x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti



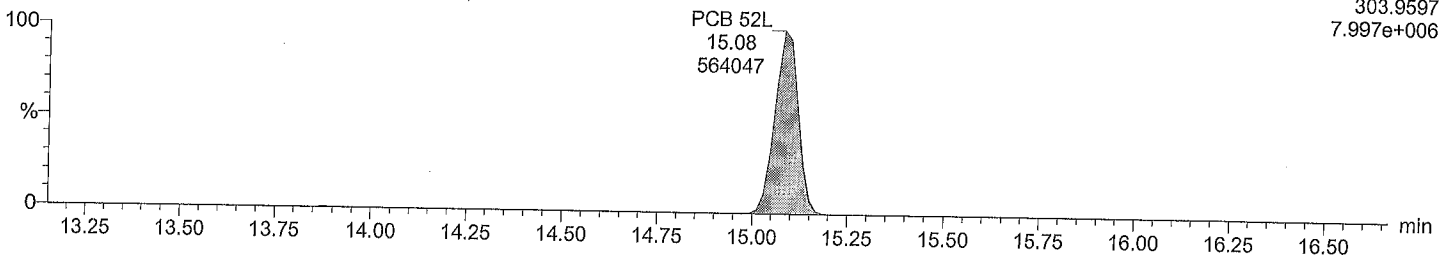
Total TeCB labeled F3

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti



Total TeCB labeled F3

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti



Quantify Sample Report

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Description: DIS274-01R

Vial: 10

Date: 06-Dec-2016

Time: 03:10:10

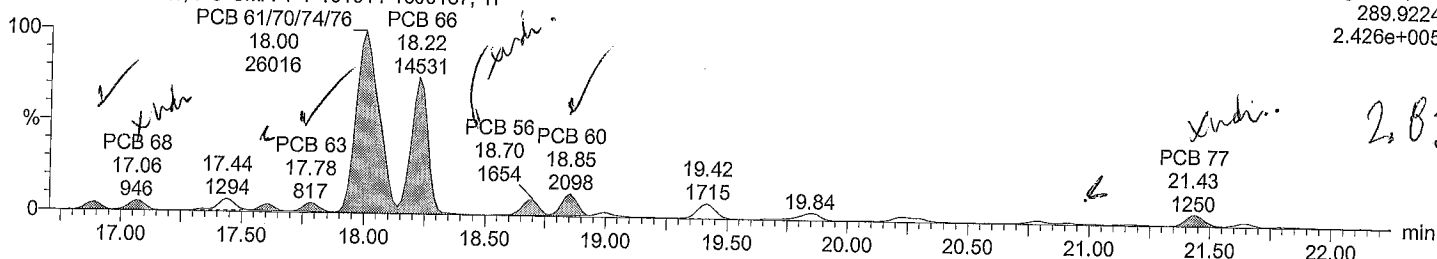
Instrument:

Total TeCB F4

M2161205B10 Smooth(SG,3x1)

DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti

F4:Voltage SIR,EI+
289.9224
2.426e+005

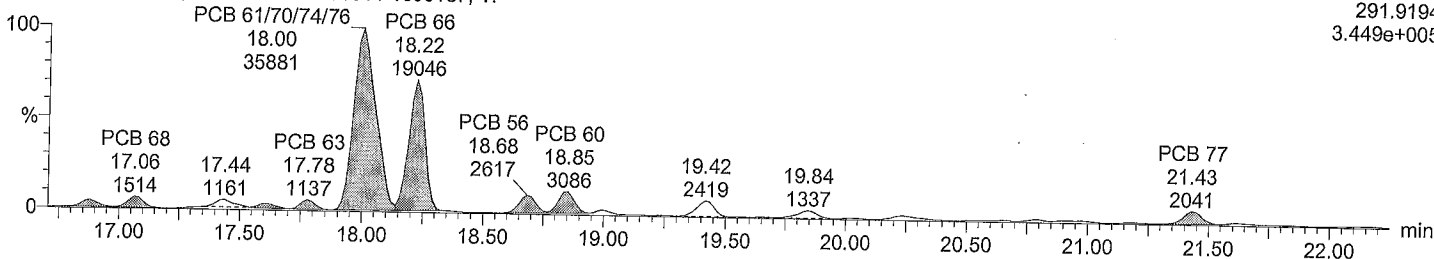


Total TeCB F4

M2161205B10 Smooth(SG,3x1)

DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti

F4:Voltage SIR,EI+
291.9194
3.449e+005

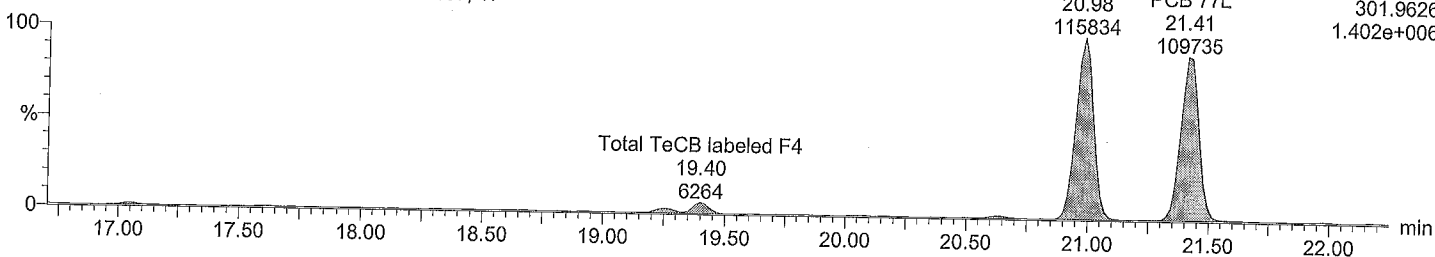


Total TeCB labeled F4

M2161205B10 Smooth(SG,3x1)

DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti

PCB 81L 20.98
115834
PCB 77L 21.41
109735
F4:Voltage SIR,EI+
301.9626
1.402e+006

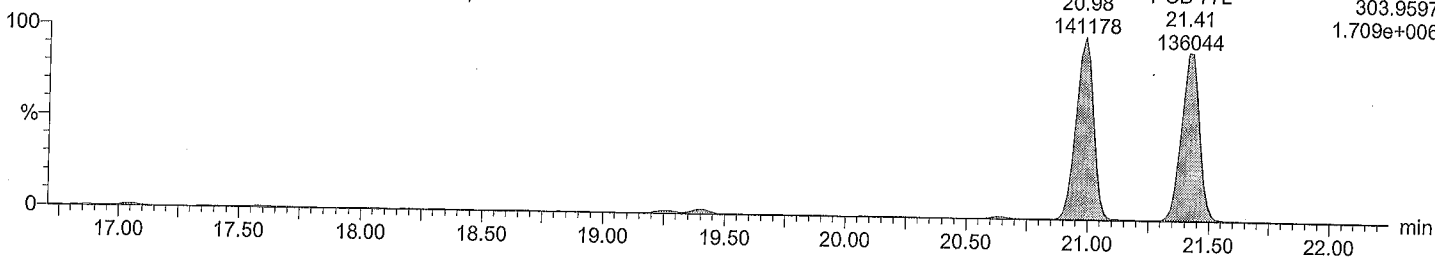


Total TeCB labeled F4

M2161205B10 Smooth(SG,3x1)

DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti

PCB 81L 20.98
141178
PCB 77L 21.41
136044
F4:Voltage SIR,EI+
303.9597
1.709e+006



Quantify Sample Report

Acquired Date

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Description: DIS274-01R

Vial: 10

Date: 06-Dec-2016

Time: 03:10:10

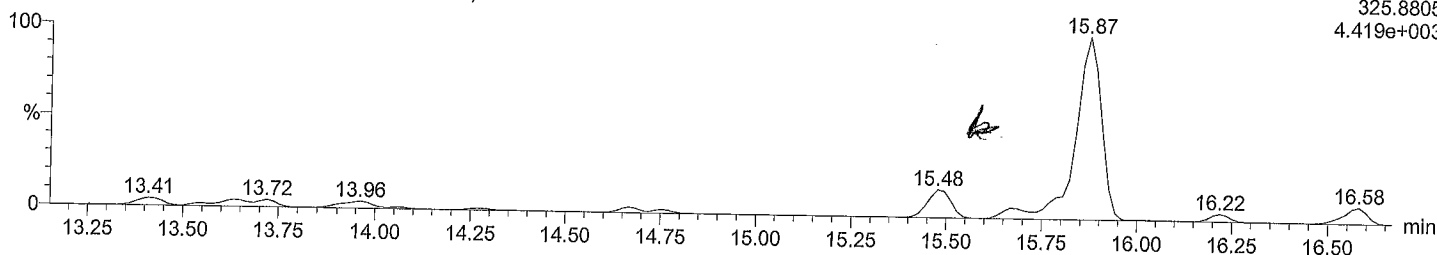
Instrument:

Total PeCB F3

M2161205B10 Smooth(SG,3x1)

DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti

F3:Voltage SIR,EI+
325.8805
4.419e+003

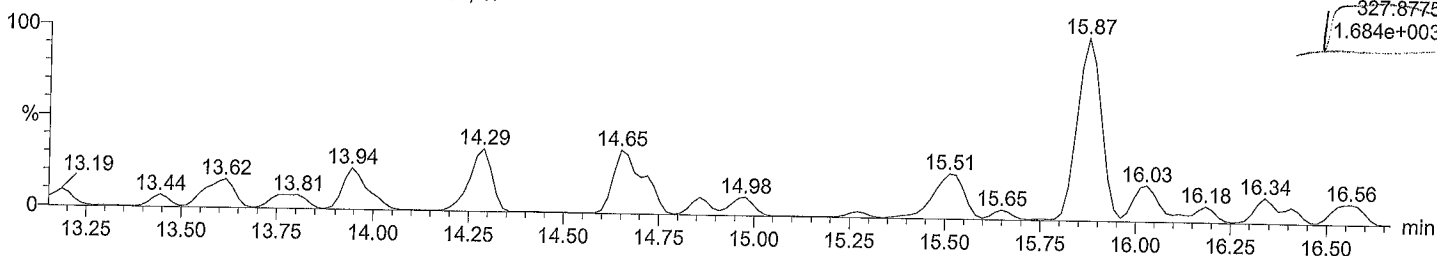


Total PeCB F3

M2161205B10 Smooth(SG,3x1)

DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti

F3:Voltage SIR,EI+
327.8775
1.684e+003



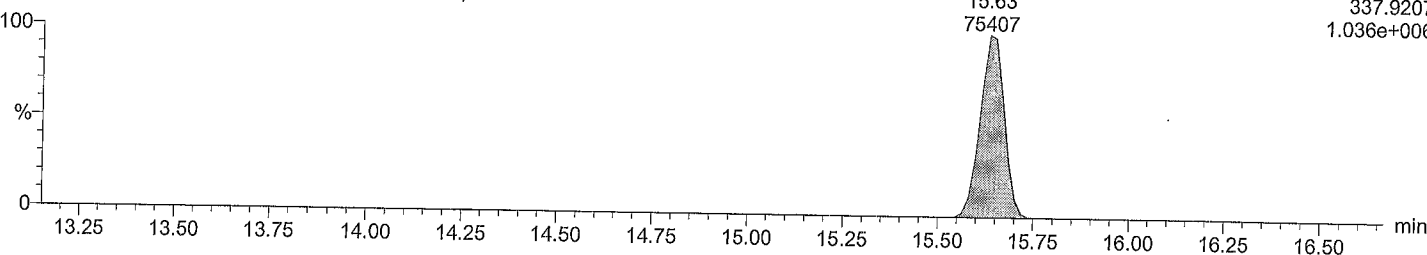
Total PeCB labeled F3

M2161205B10 Smooth(SG,3x1)

DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti

PCB 104L
15.63
75407

F3:Voltage SIR,EI+
337.9207
1.036e+006



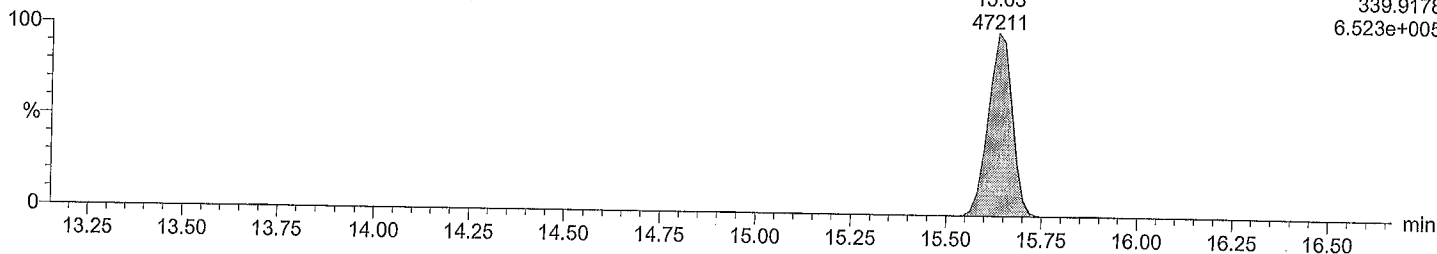
Total PeCB labeled F3

M2161205B10 Smooth(SG,3x1)

DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti

PCB 104L
15.63
47211

F3:Voltage SIR,EI+
339.9178
6.523e+005



Quantify Sample Report

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Vial: 10

Date: 06-Dec-2016

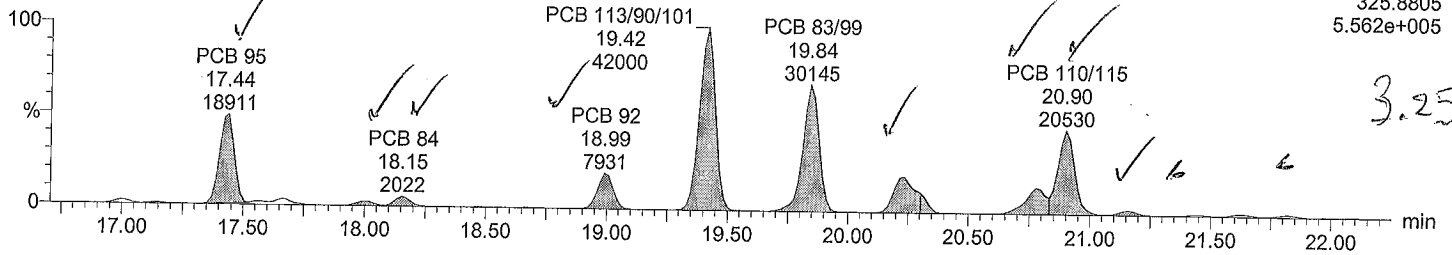
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Instrument:

Total PeCB F4

M2161205B10 Smooth(SG,2x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti

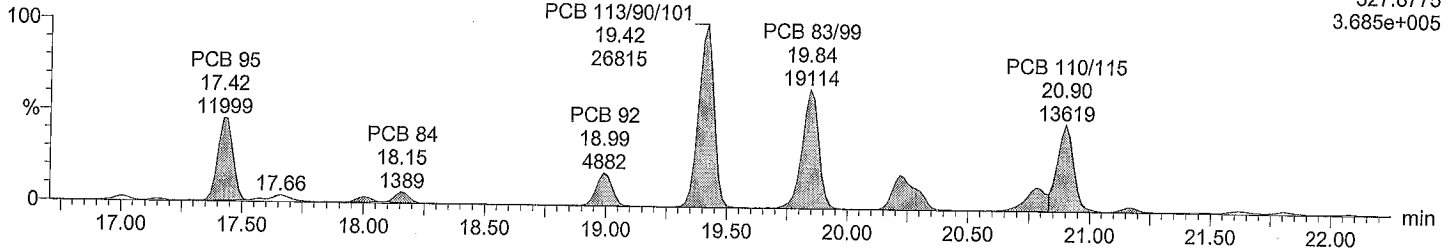
F4:Voltage SIR,EI+
325.8805
5.562e+005



Total PeCB F4

M2161205B10 Smooth(SG,2x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti

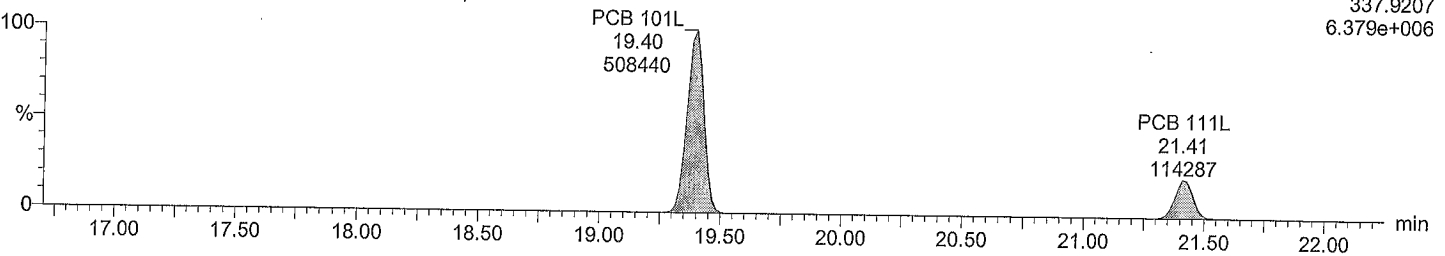
F4:Voltage SIR,EI+
327.8775
3.685e+005



Total PeCB labeled F4

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti

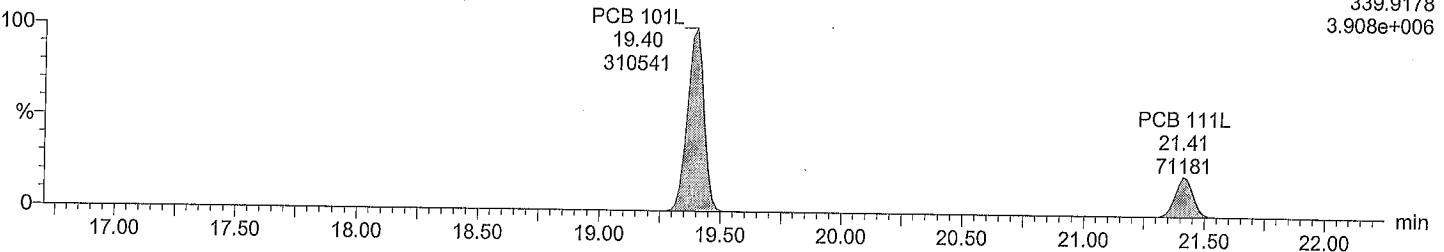
F4:Voltage SIR,EI+
337.9207
6.379e+006



Total PeCB labeled F4

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti

F4:Voltage SIR,EI+
339.9178
3.908e+006



Quantify Sample Report

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Vial: 10

Date: 06-Dec-2016

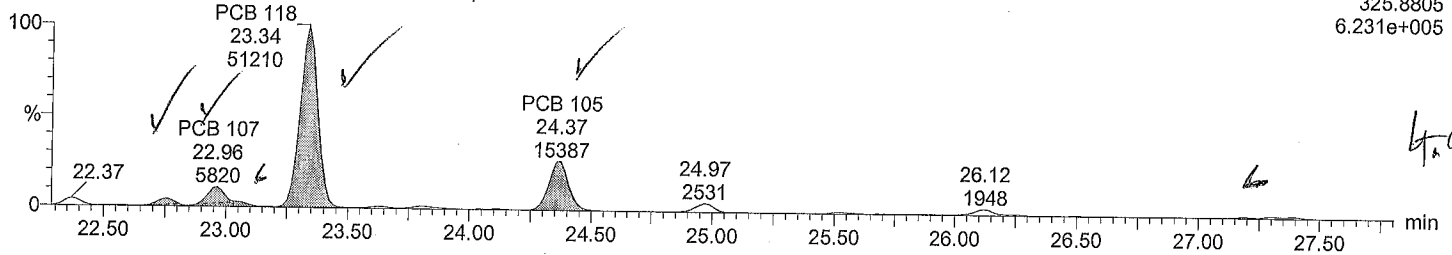
Time: 03:10:10

Instrument:

Total PeCB F5

M2161205B10 Smooth(SG,2x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti

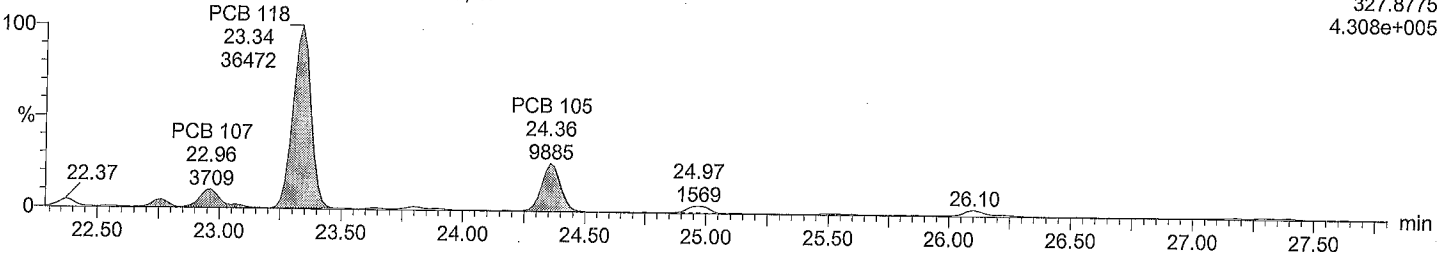
F5:Voltage SIR,EI+
325.8805
6.231e+005



Total PeCB F5

M2161205B10 Smooth(SG,2x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti

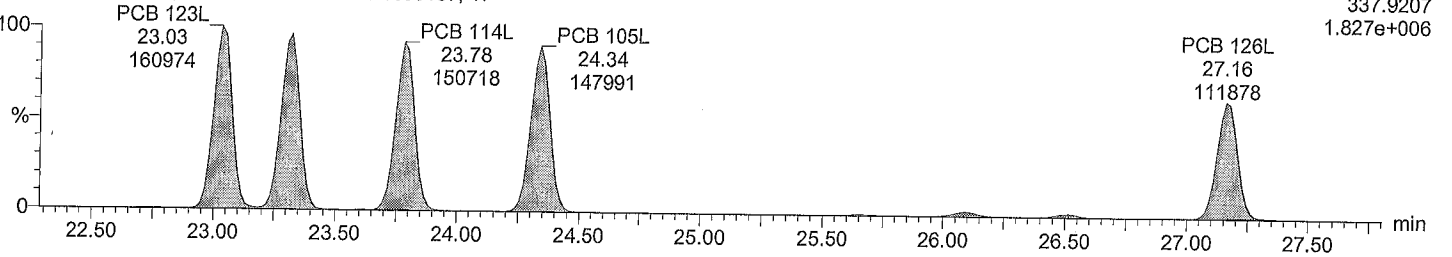
F5:Voltage SIR,EI+
327.8775
4.308e+005



Total PeCB labeled F5

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti

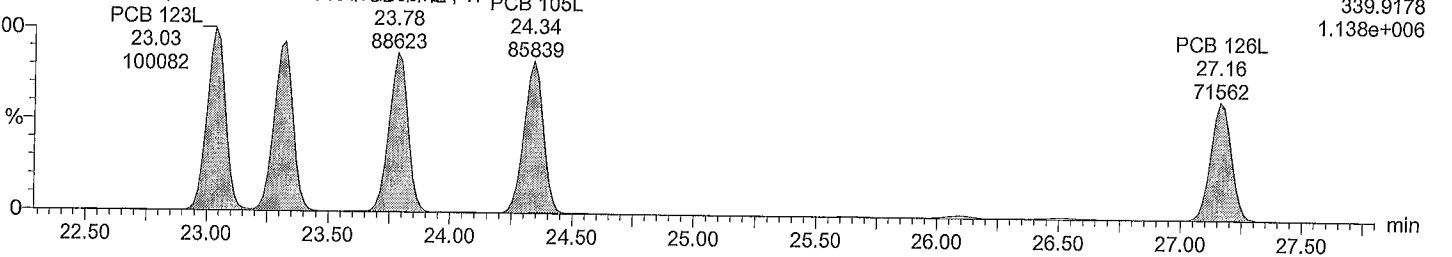
F5:Voltage SIR,EI+
337.9207
1.827e+006



Total PeCB labeled F5

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti

F5:Voltage SIR,EI+
339.9178
1.138e+006



Quantify Sample Report

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Description: DIS274-01R

Vial: 10

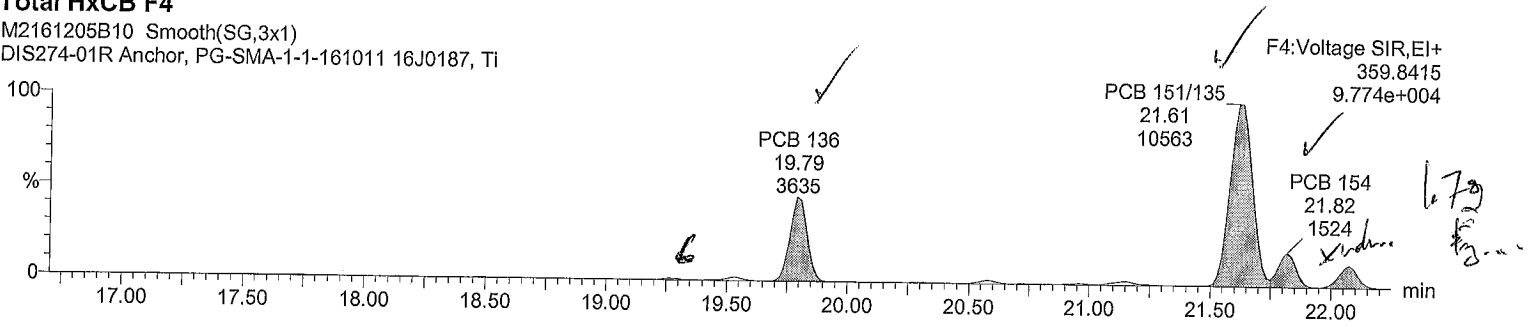
Date: 06-Dec-2016

Time: 03:10:10

Instrument:

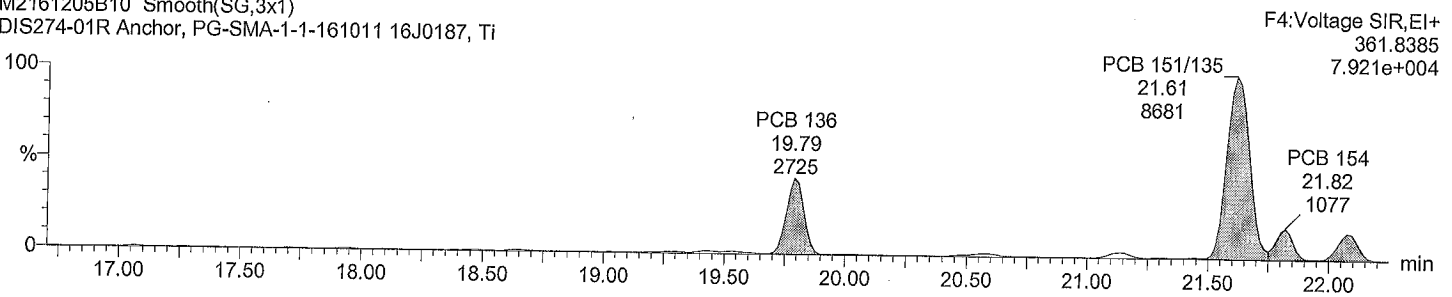
Total HxCB F4

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI



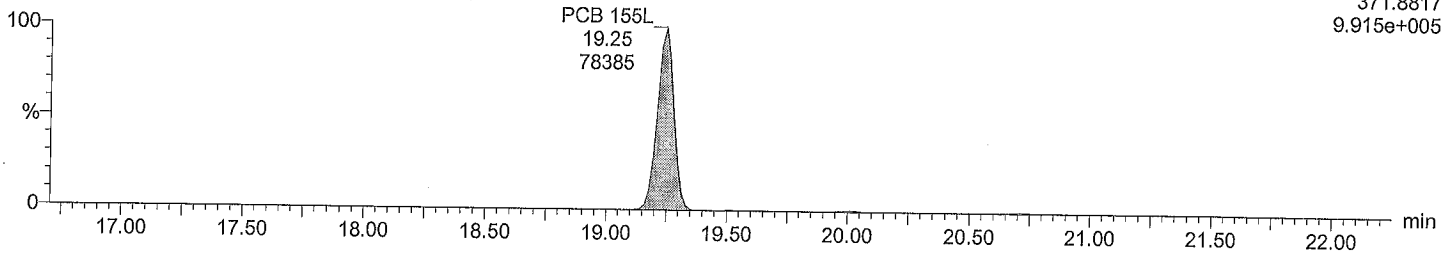
Total HxCB F4

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI



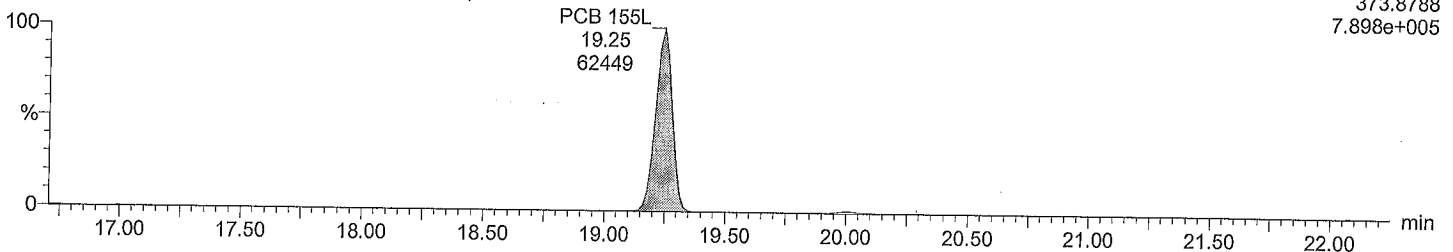
Total HxCB labeled F4

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI



Total HxCB labeled F4

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 1:48:18 PM

Printed: Wednesday, December 07, 2016 1:49:22 PM

Description: DIS274-01R

Vial: 10

Date: 06-Dec-2016

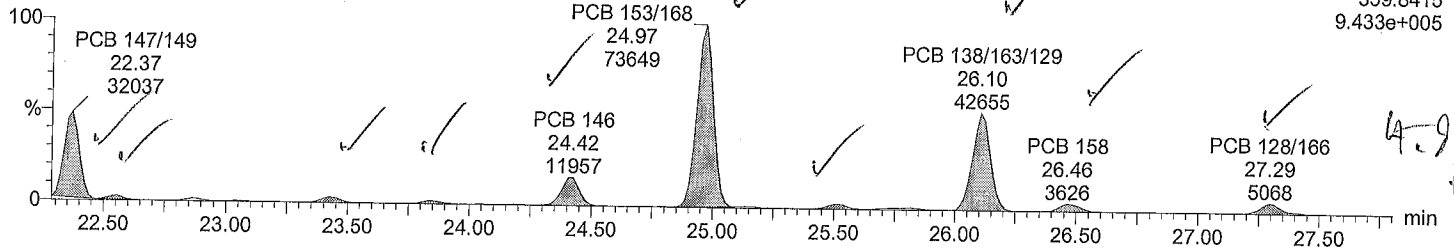
Time: 03:10:10

Instrument:

Total HxCB F5

M2161205B10 Smooth(SG,1x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI

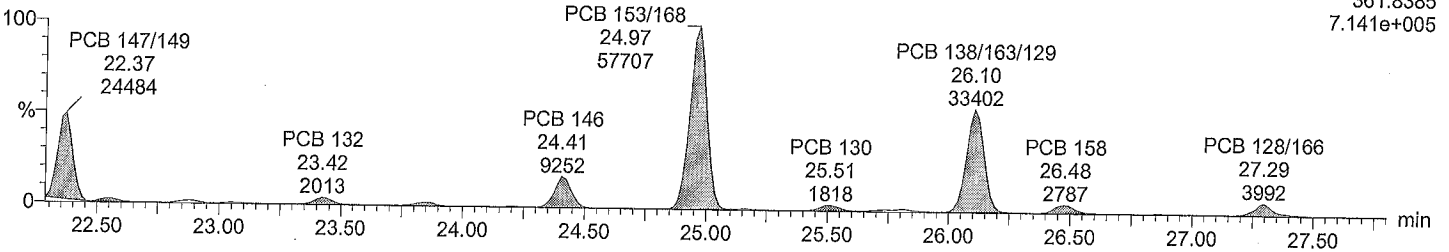
F5:Voltage SIR,EI+
359.8415
9.433e+005



Total HxCB F5

M2161205B10 Smooth(SG,1x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI

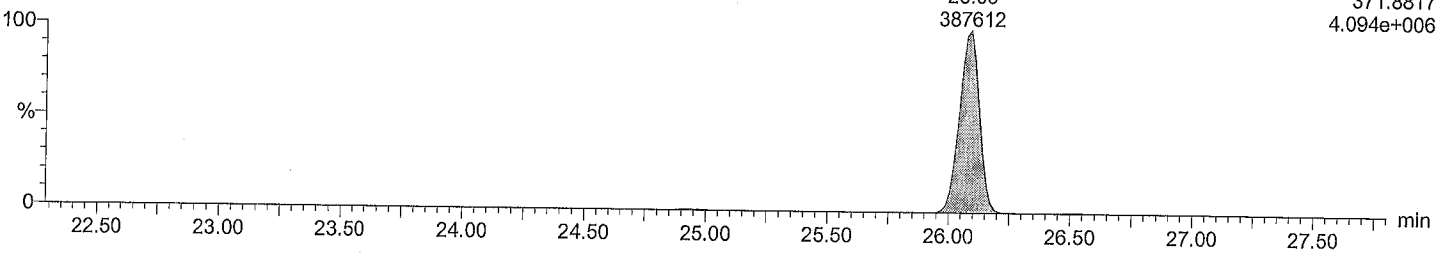
F5:Voltage SIR,EI+
361.8385
7.141e+005



Total HxCB labeled F5

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI

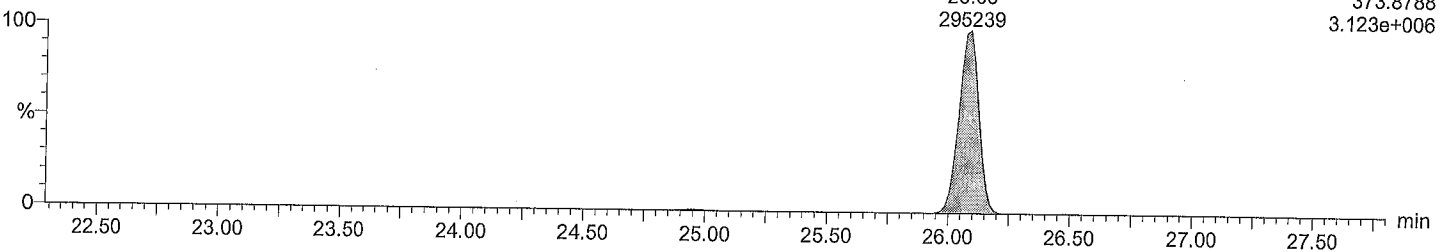
F5:Voltage SIR,EI+
371.8817
4.094e+006



Total HxCB labeled F5

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI

F5:Voltage SIR,EI+
373.8788
3.123e+006



Quantify Sample Report

Acquired Date

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Description: DIS274-01R

Vial: 10

Date: 06-Dec-2016

Time: 03:10:10

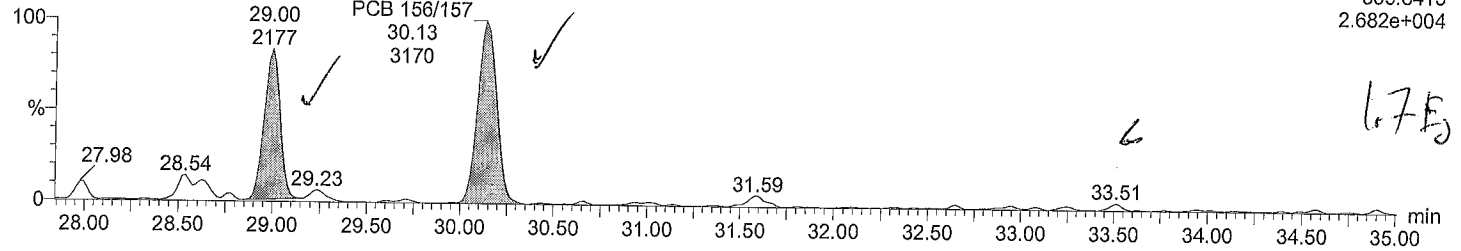
Instrument:

Total HxCB F6

M2161205B10 Smooth(SG,3x1)

DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI

F6:Voltage SIR,EI+
359.8415
2.682e+004

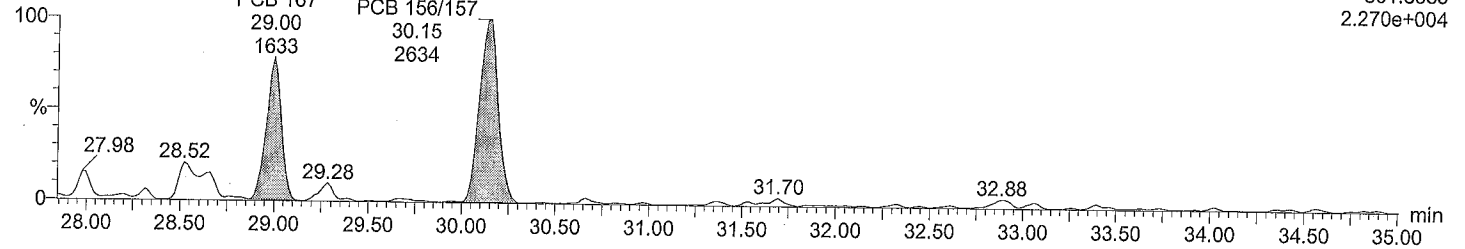


Total HxCB F6

M2161205B10 Smooth(SG,3x1)

DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI

F6:Voltage SIR,EI+
361.8385
2.270e+004

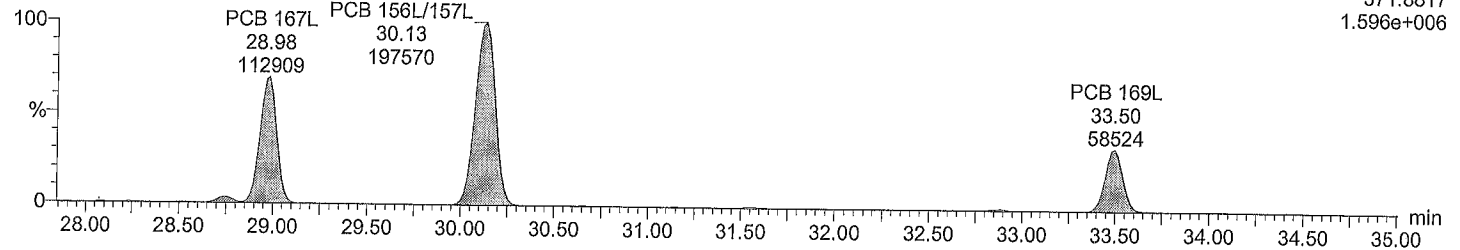


Total HxCB labeled F6

M2161205B10 Smooth(SG,3x1)

DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI

F6:Voltage SIR,EI+
371.8817
1.596e+006

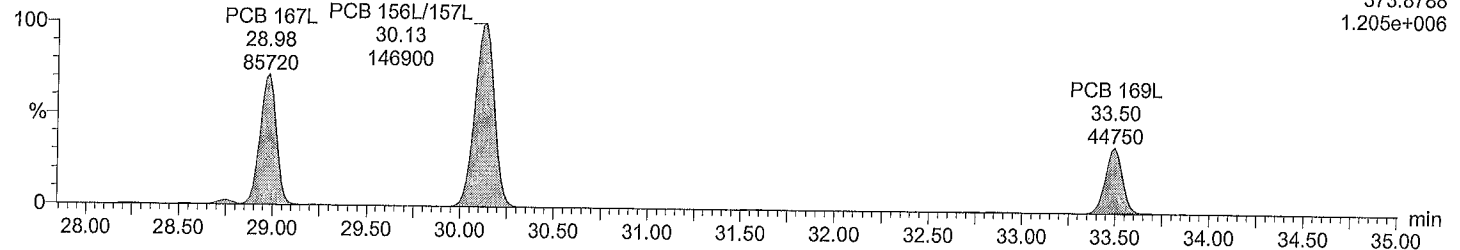


Total HxCB labeled F6

M2161205B10 Smooth(SG,3x1)

DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI

F6:Voltage SIR,EI+
373.8788
1.205e+006



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 1:48:18 PM

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Description: DIS274-01R

Vial: 10

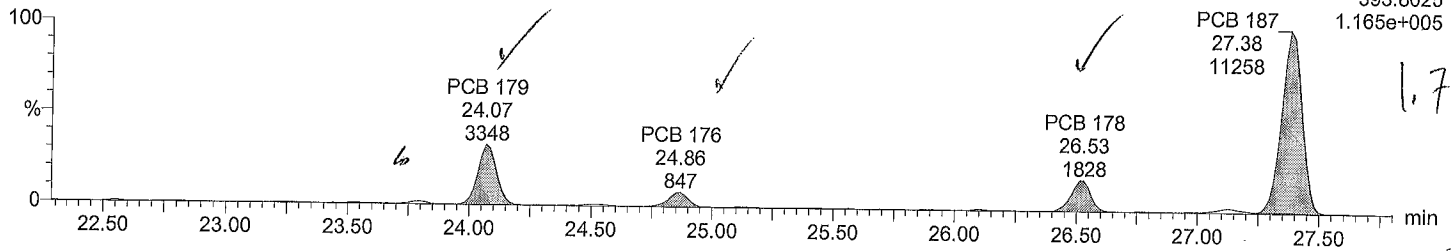
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Time: 03:10:10

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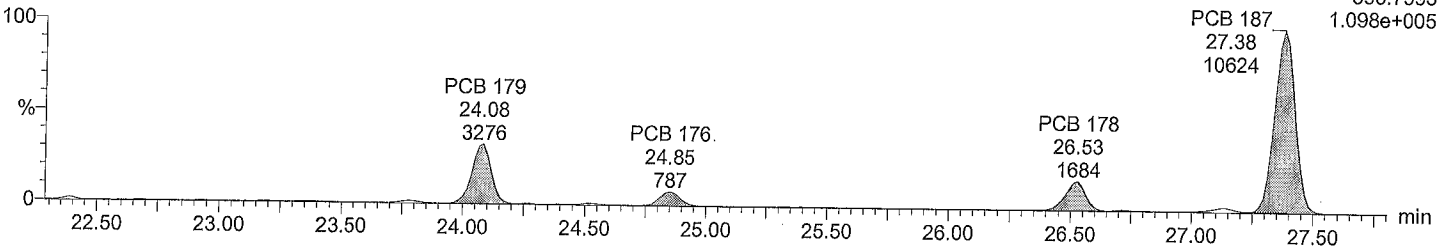
Total HpCB F5

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DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti



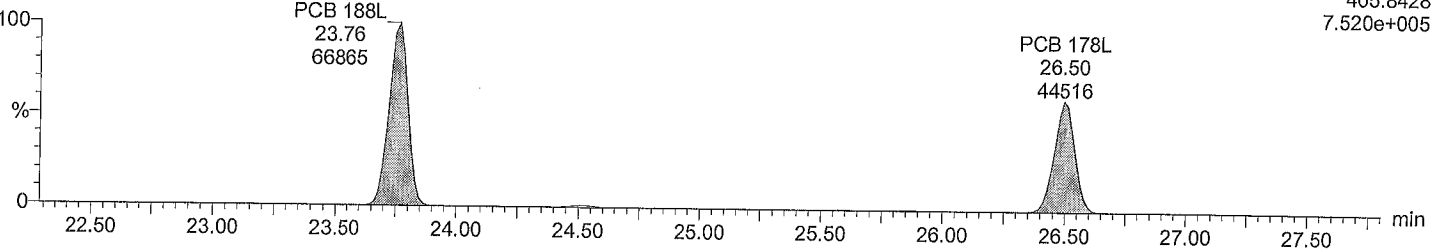
Total HpCB F5

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti



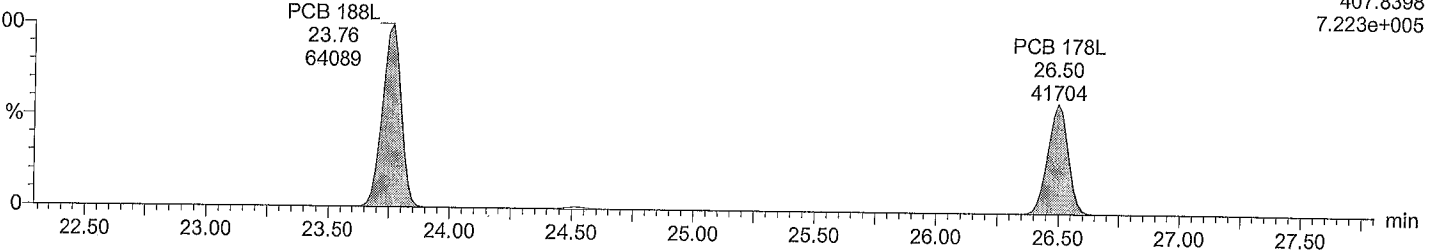
Total HpCB labeled F5

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti



Total HpCB labeled F5

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti



Quantify Sample Report

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Last Altered: Wednesday, December 07, 2016 1:48:18 PM

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Description: DIS274-01R

Vial: 10

Date: 06-Dec-2016

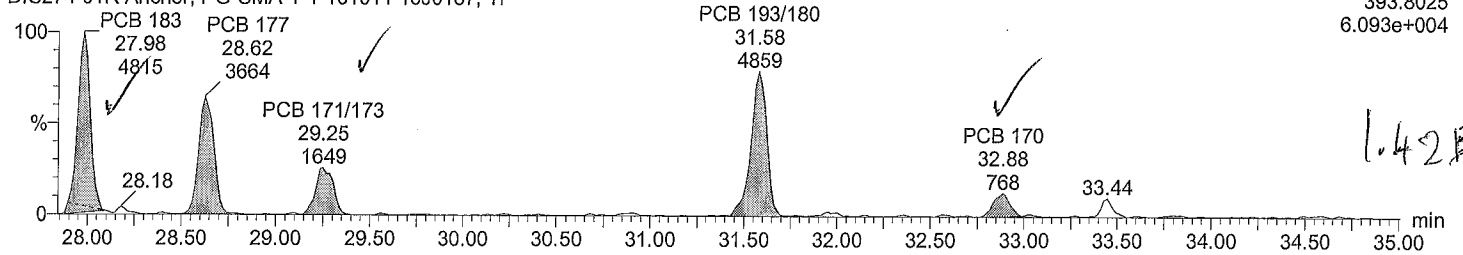
Time: 03:10:10

Instrument:

Total HpCB F6

M2161205B10 Smooth(SG,1x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti

F6:Voltage SIR,EI+
393.8025
6.093e+004

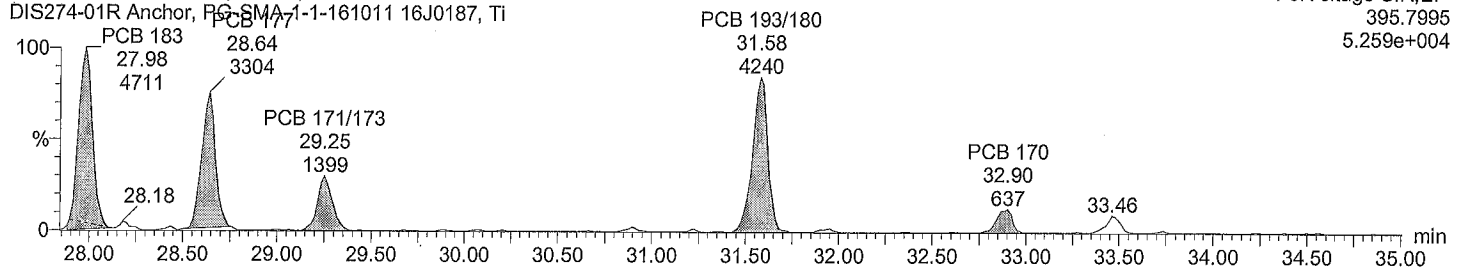


1.42 B₂

Total HpCB F6

M2161205B10 Smooth(SG,1x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti

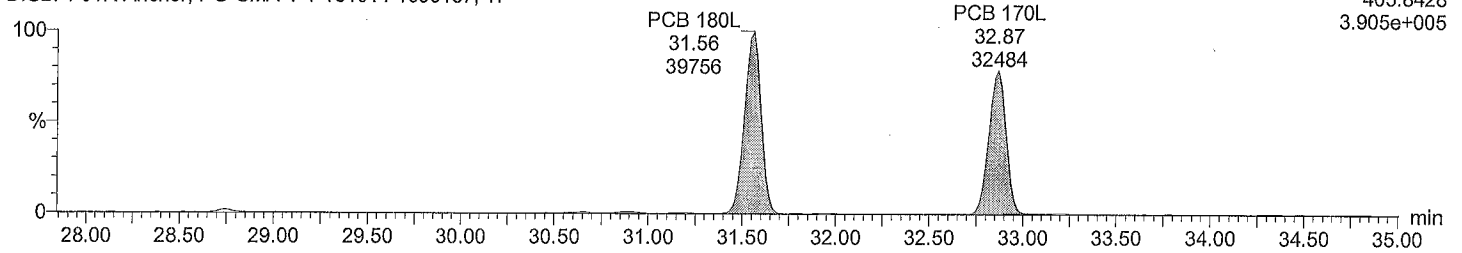
F6:Voltage SIR,EI+
395.7995
5.259e+004



Total HpCB labeled F6

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti

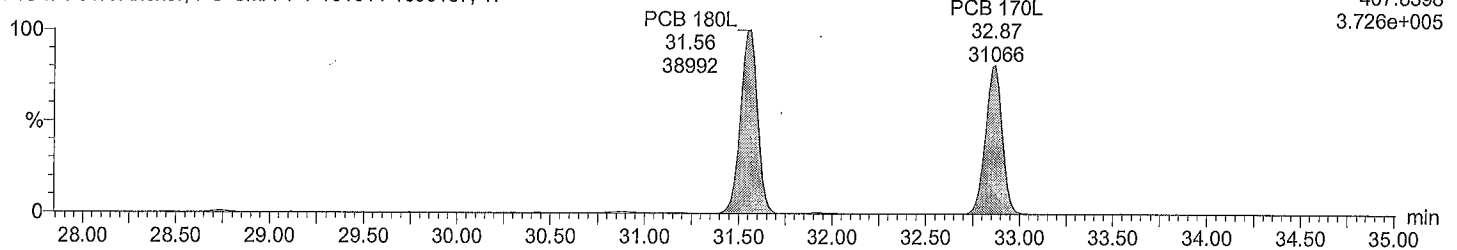
F6:Voltage SIR,EI+
405.8428
3.905e+005



Total HpCB labeled F6

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti

F6:Voltage SIR,EI+
407.8398
3.726e+005



Quantify Sample Report

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Description: DIS274-01R

Vial: 10

Date: 06-Dec-2016

Time: 03:10:10

Instrument:

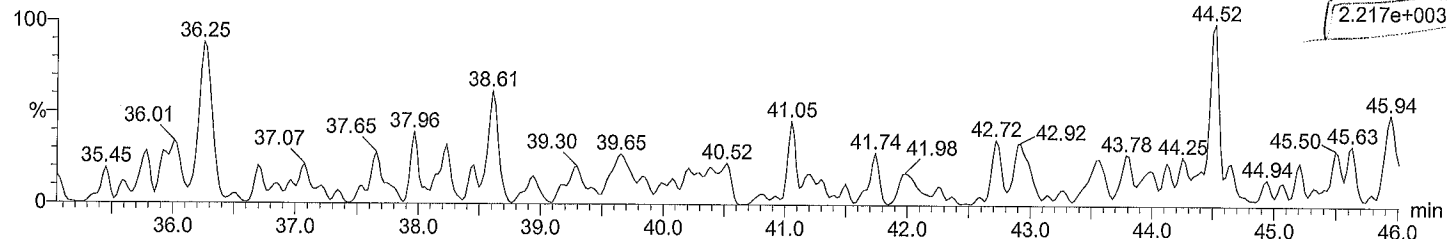
Total HpCB F7

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI

F7:Voltage SIR,EI+

393.8025

2.217e+003



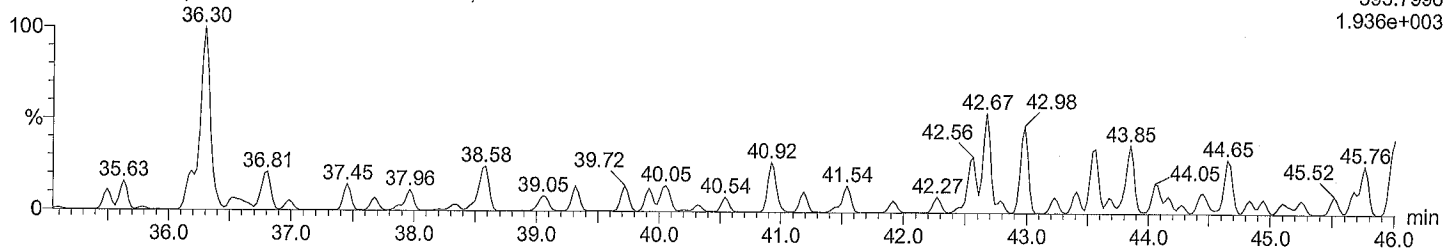
Total HpCB F7

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI

F7:Voltage SIR,EI+

395.7996

1.936e+003



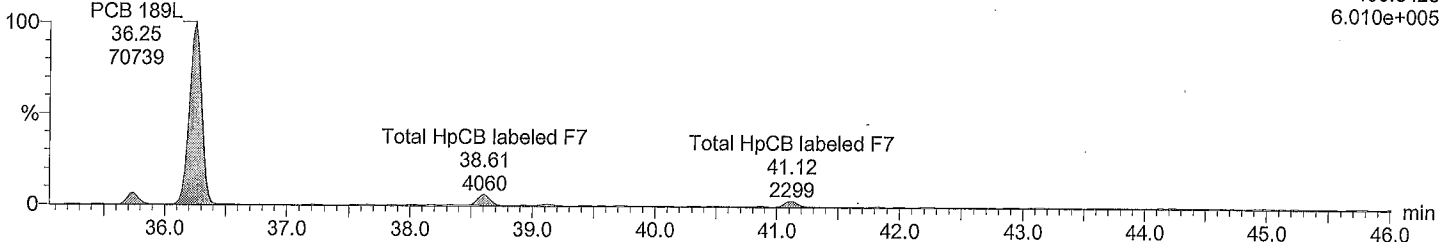
Total HpCB labeled F7

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI

F7:Voltage SIR,EI+

405.8428

6.010e+005



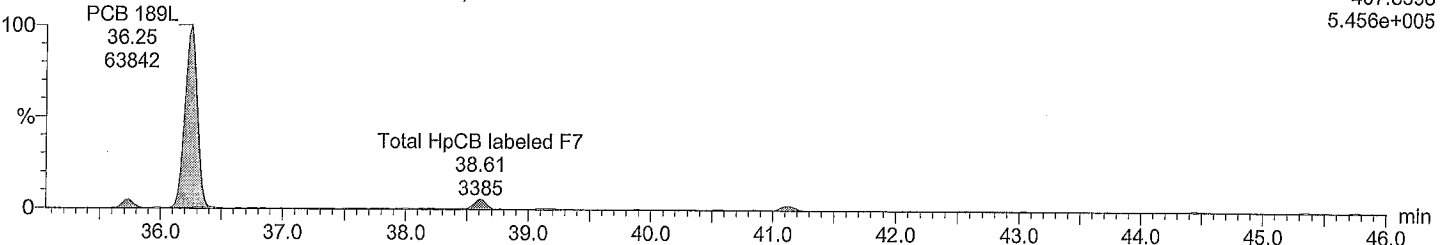
Total HpCB labeled F7

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI

F7:Voltage SIR,EI+

407.8398

5.456e+005



Quantify Sample Report

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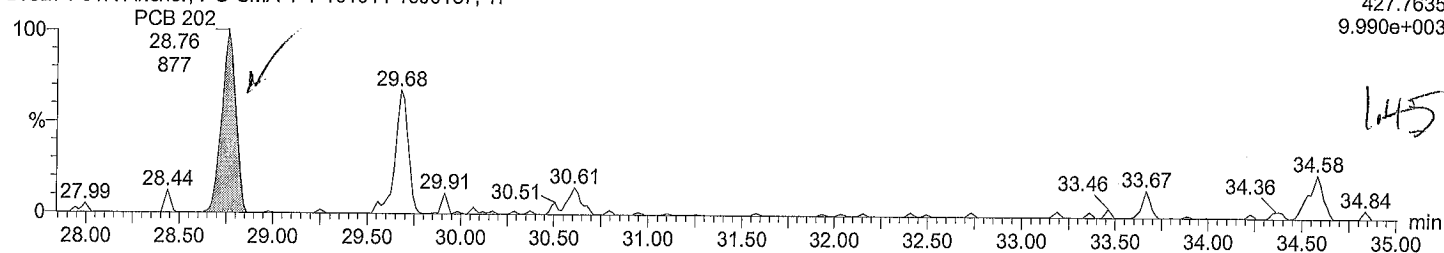
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Instrument:

Total OcCB F6

M2161205B10 Smooth(SG,1x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI

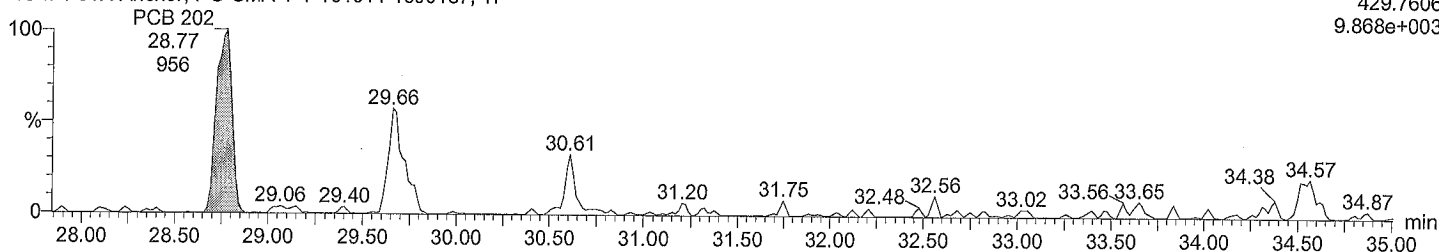
F6:Voltage SIR,EI+
427.7635
9.990e+003



Total OcCB F6

M2161205B10 Smooth(SG,1x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI

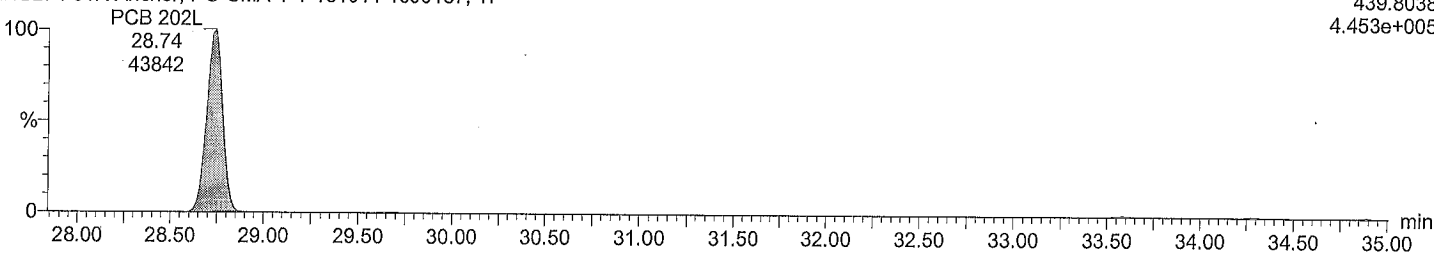
F6:Voltage SIR,EI+
429.7606
9.868e+003



Total OcCB labeled F6

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI

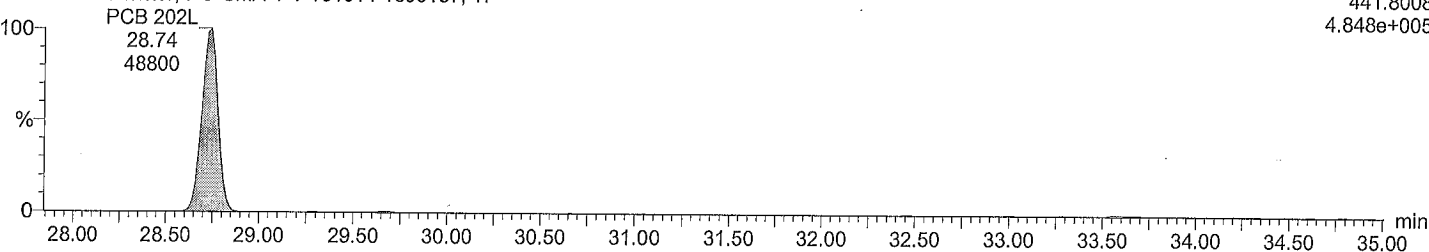
F6:Voltage SIR,EI+
439.8038
4.453e+005



Total OcCB labeled F6

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, TI

F6:Voltage SIR,EI+
441.8008
4.848e+005



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Instrument:

Total OcCB F7

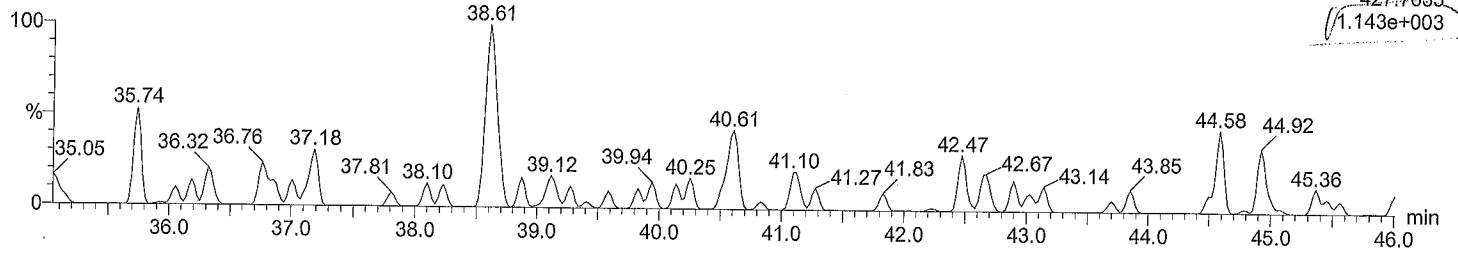
M2161205B10 Smooth(SG,3x1)

DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti

F7:Voltage SIR,EI+

427.7635

1.143e+003



Total OcCB F7

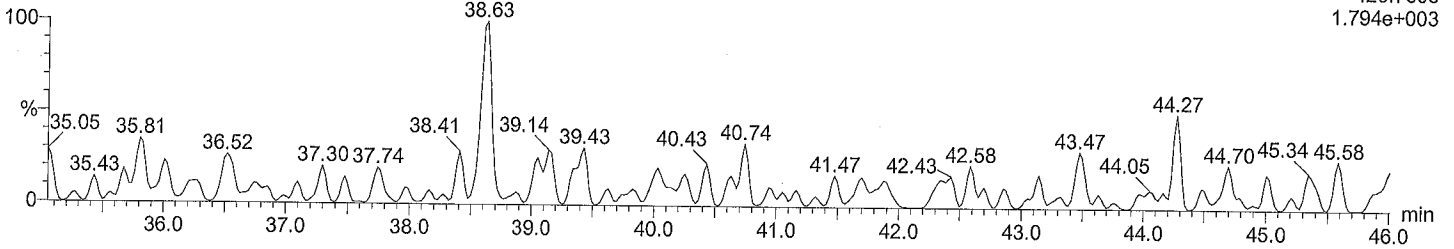
M2161205B10 Smooth(SG,3x1)

DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti

F7:Voltage SIR,EI+

429.7606

1.794e+003



Total OcCB labeled F7

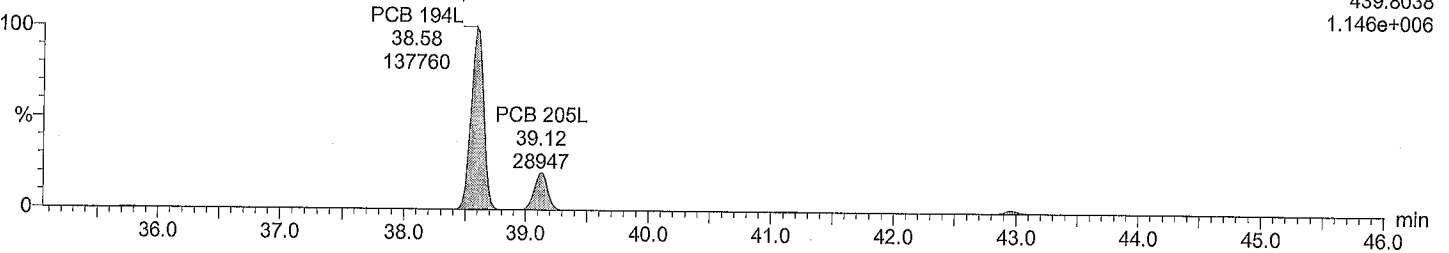
M2161205B10 Smooth(SG,3x1)

DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti

F7:Voltage SIR,EI+

439.8038

1.146e+006



Total OcCB labeled F7

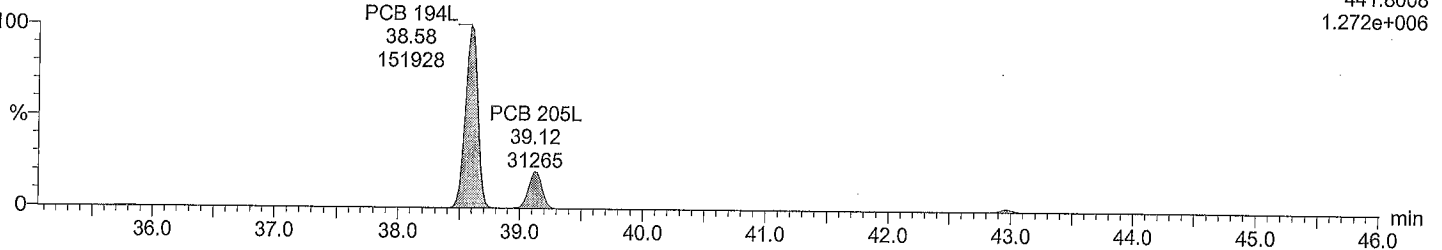
M2161205B10 Smooth(SG,3x1)

DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti

F7:Voltage SIR,EI+

441.8008

1.272e+006



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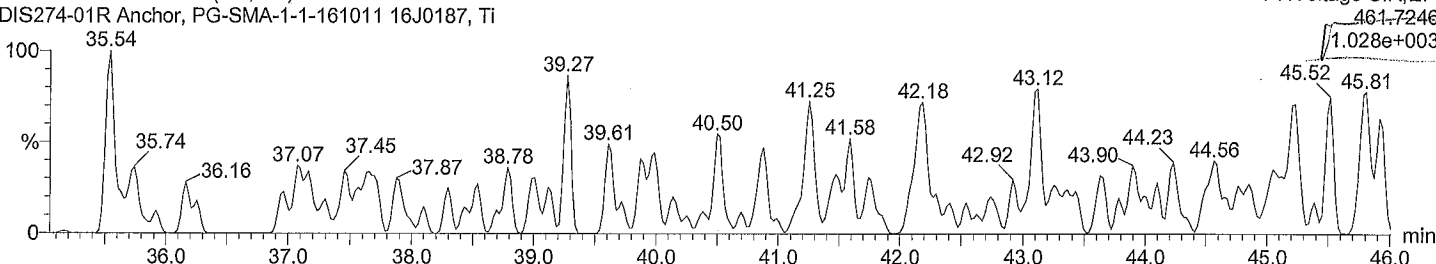
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Instrument:

Total NoCB F7

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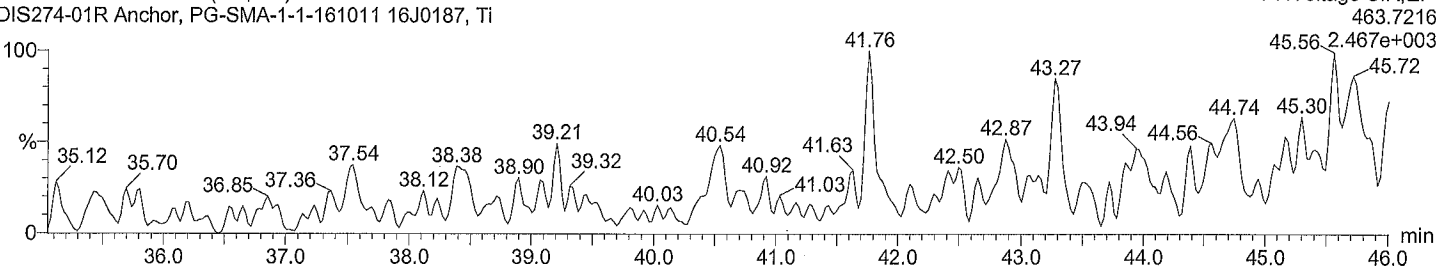
F7:Voltage SIR,EI+



Total NoCB F7

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti

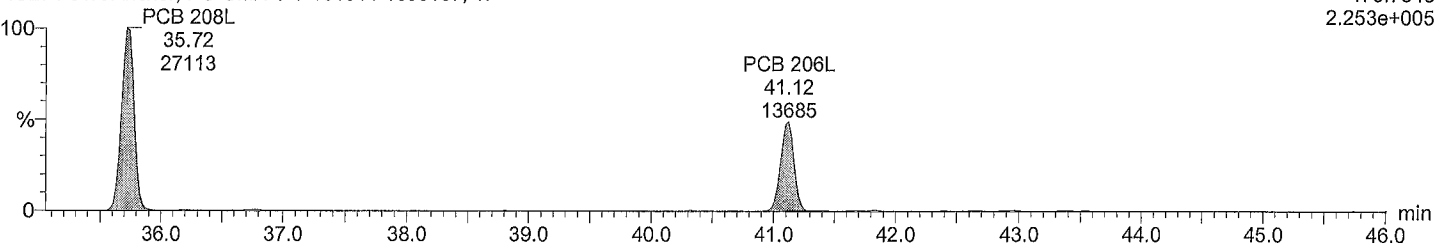
F7:Voltage SIR,EI+



Total NoCB labeled F7

M2161205B10 Smooth(SG,3x1)
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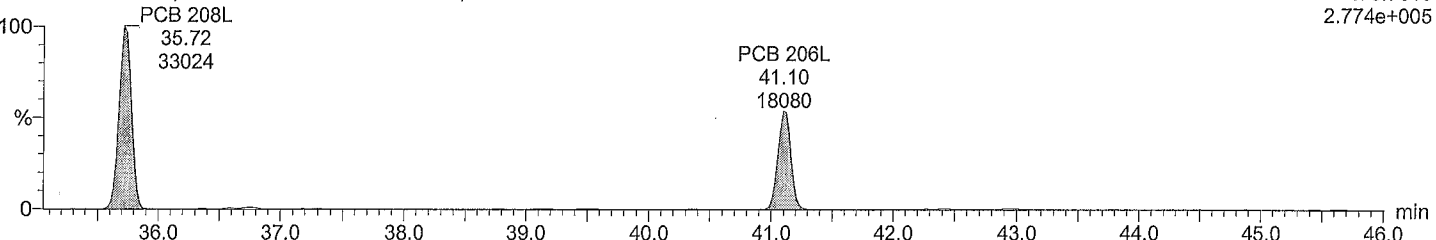
F7:Voltage SIR,EI+



Total NoCB labeled F7

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti

F7:Voltage SIR,EI+



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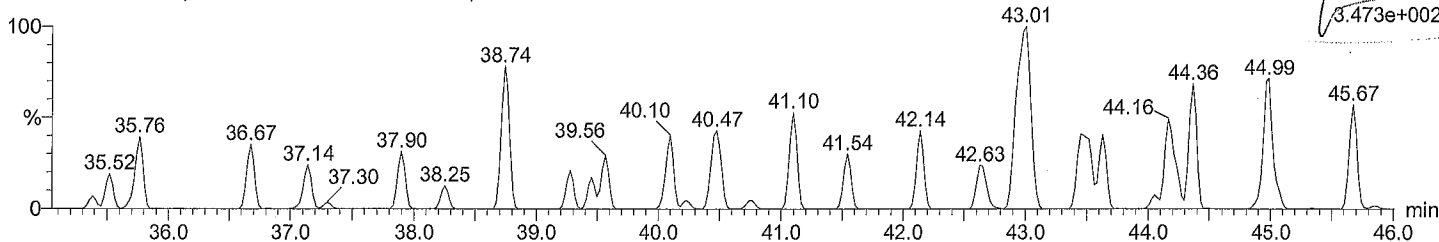
Total DeCB F7

M2161205B10 Smooth(SG,3x1)
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F7:Voltage SIR,EI+

497.6826

3.473e+002



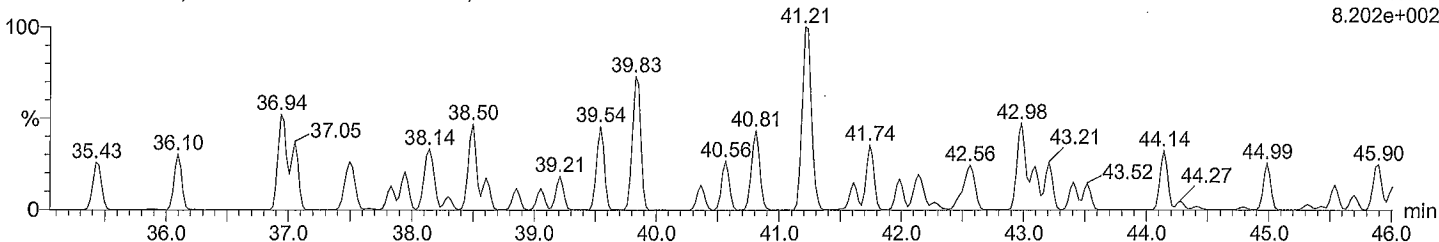
Total DeCB F7

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti

F7:Voltage SIR,EI+

499.6797

8.202e+002



Total DeCB labeled F7

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti

PCB 209L

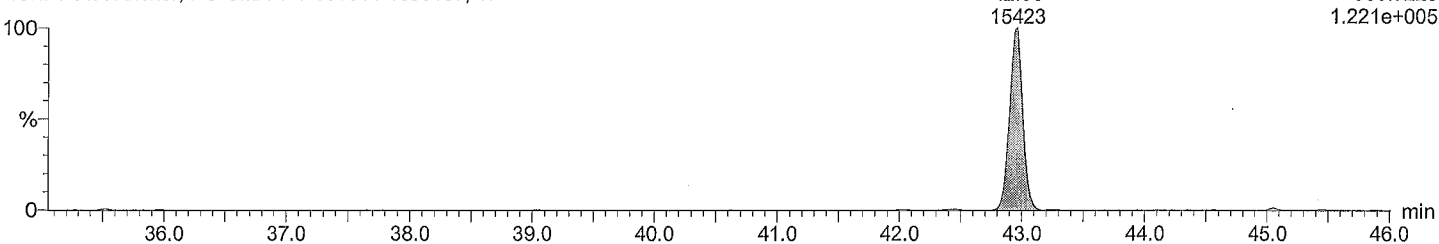
42.96

15423

F7:Voltage SIR,EI+

509.7229

1.221e+005



Total DeCB labeled F7

M2161205B10 Smooth(SG,3x1)
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti

PCB 209L

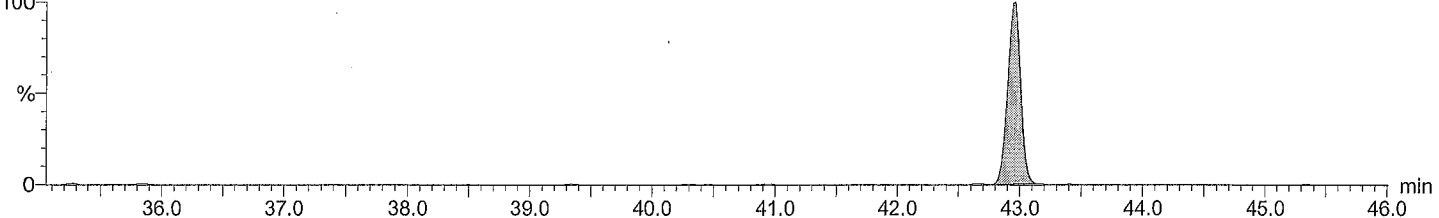
42.96

12263

F7:Voltage SIR,EI+

511.7199

9.955e+004



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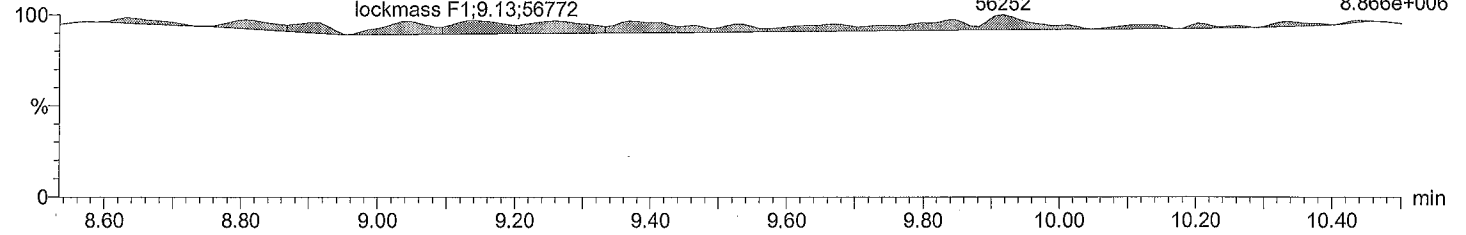
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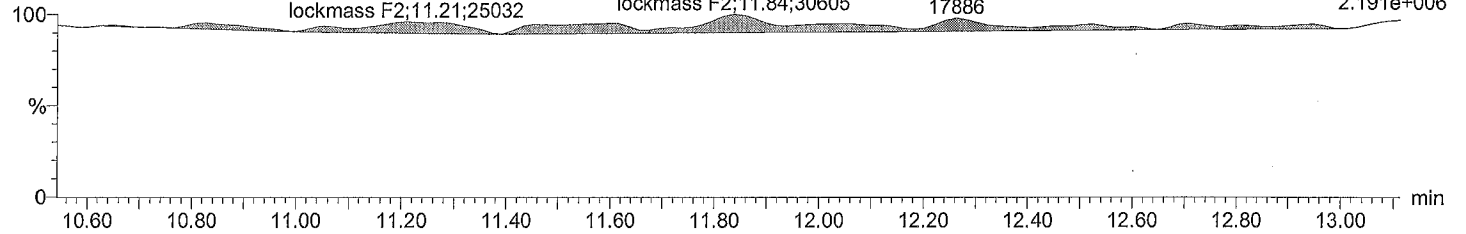
lockmass F1

M2161205B10 Smooth(SG,3x1) lockmass F1 9.92 F1:Voltage SIR,EI+
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti 56252 218.9856
lockmass F1;9.13;56772 8.866e+006



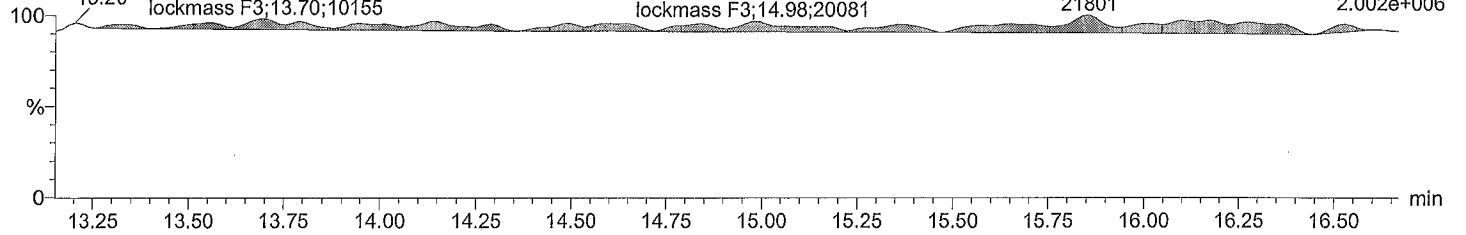
lockmass F2

M2161205B10 Smooth(SG,3x1) lockmass F2 12.26 F2:Voltage SIR,EI+
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti 17886 242.9856
lockmass F2;11.21;25032 lockmass F2;11.84;30605 2.191e+006



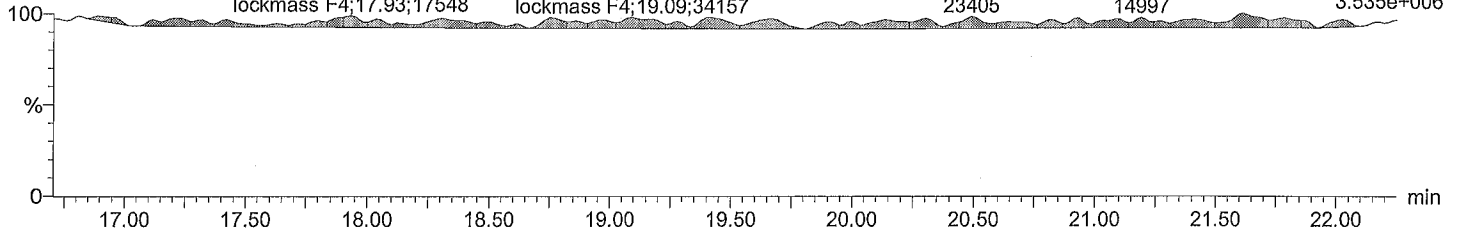
lockmass F3

M2161205B10 Smooth(SG,3x1) lockmass F3 15.86 F3:Voltage SIR,EI+
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti 21801 292.9824
lockmass F3;13.70;10155 lockmass F3;14.98;20081 2.002e+006



lockmass F4

M2161205B10 Smooth(SG,3x1) lockmass F4 20.49 lockmass F4 21.19 F4:Voltage SIR,EI+
DIS274-01R Anchor, PG-SMA-1-1-161011 16J0187, Ti 23405 14997 330.9792
lockmass F4;17.93;17548 lockmass F4;19.09;34157 3.535e+006



Quantify Sample Report

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Printed: Wednesday, December 07, 2016 1:49:22 PM

Description: DIS274-01R

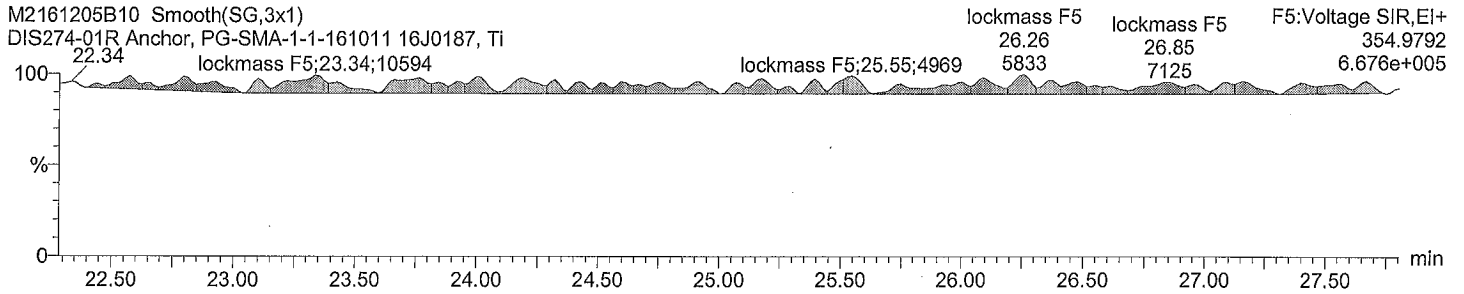
Vial: 10

Date: 06-Dec-2016

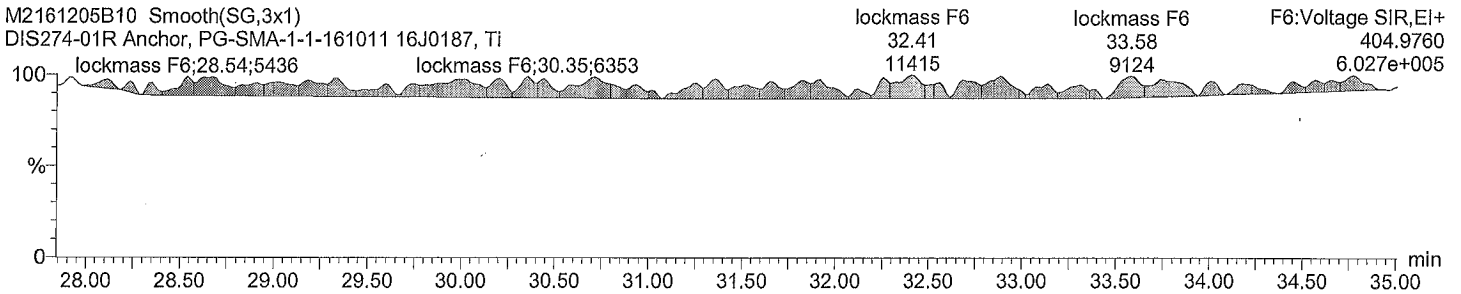
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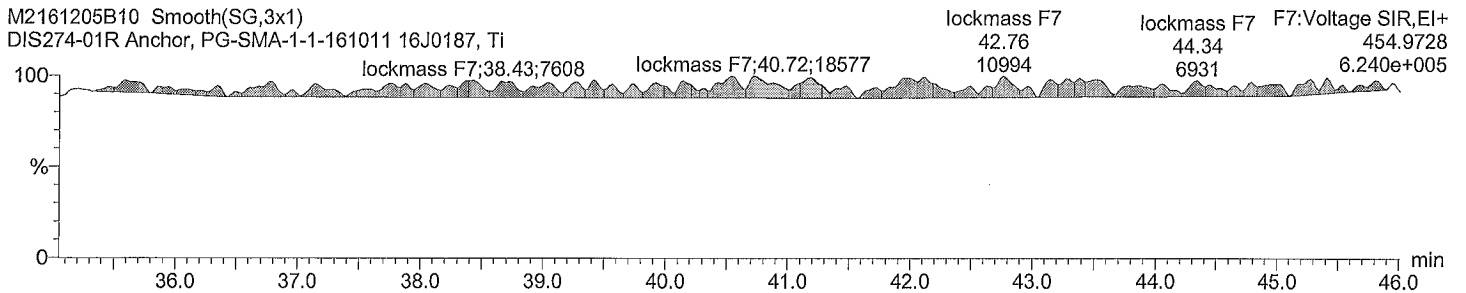
lockmass F5



lockmass F6



lockmass F7



PG-SMA-1-2-161011 16J0187

| | | | | |
|-------------------------------|------------------------------|---------------------------|------------------|--------------------------|
| Lab Name | <u>Maxxam Analytics Inc.</u> | | Lab Sample ID: | <u>B6N4556-DIS275</u> |
| Method | <u>EPA 1668A m</u> | | Project Number: | <u>PORT GAMBLE</u> |
| Matrix: | <u>tissue</u> | | Project Name: | <u></u> |
| Sample wt/vol: | <u>10.28</u> | (g) <u>g (dry weight)</u> | Lab File ID: | <u>M2161205B11</u> |
| Level (low/med): | <u>low</u> | | Date Received: | <u>October 28, 2016</u> |
| % Moisture: | <u>Not applicable</u> | Decanted (Y/N): <u>N</u> | Date Extracted: | <u>November 28, 2016</u> |
| Concentrated Extract Volume: | <u>100</u> | (uL) | Lab Batch: | <u>4779396</u> |
| Injection Volume: | <u>1</u> | (uL) | Date Analyzed: | <u>December 6, 2016</u> |
| Acid/Base Wash Cleanup (Y/N): | <u>N</u> | pH <u>Not analyzed</u> | Calib. Ref.: | <u>November 29, 2016</u> |
| Silica Column Cleanup (Y/N): | <u>Y</u> | | Time Analyzed: | <u>04:00</u> |
| Alumina Column Cleanup (Y/N): | <u>N</u> | | Dilution Factor: | <u>1</u> |
| Carbon Column Cleanup (Y/N): | <u>N</u> | | | |
| GPC Column Cleanup (Y/N): | <u>N</u> | | | |

| CAS Number | Compound | Concentration (ng/g) | EDL (ng/g) | TE (ng/g) | REPORTING LIMIT (ng/g) |
|-----------------|--------------------------|----------------------|------------|--------------|------------------------|
| 2051-60-7 | 2-MonoCB-(1) | 0.0013 U | 0.0013 | | 0.0097 |
| 33146-45-1 | 2,6-DiCB-(10) | 0.026 U | 0.026 | | 0.0097 |
| 60145-21-3 | 22'45'6'-PentaCB-(103) | 0.0023 J | 0.0018 | | 0.0097 |
| 56558-16-8 | 22'466'-PentaCB-(104) | 0.0012 U | 0.0012 | | 0.0097 |
| 32598-14-4 | 233'44'-PentaCB-(105) | 0.0203 | 0.0017 | 0.000000609 | 0.0097 |
| 70424-69-0 | 233'45'-PentaCB-(106) | 0.0012 U | 0.0012 | | 0.0097 |
| 70424-68-9 | 233'45'-PentaCB-(107) | 0.0057 J | 0.0011 | | 0.0097 |
| 70362-41-3 | PentaCB-(108)+(124) | 0.0020 J | 0.0012 | | 0.019 |
| 2050-67-1 | 3,3'-DiCB-(11) | 0.0087 J | 0.0063 | | 0.0097 |
| 38380-03-9 | PentaCB-(110)+(115) | 0.0432 | 0.0020 | | 0.019 |
| 39635-32-0 | 233'55'-PentaCB-(111) | 0.0018 U | 0.0018 | | 0.0097 |
| 74472-36-9 | 233'56'-PentaCB-(112) | 0.0016 U | 0.0016 | | 0.0097 |
| 74472-37-0 | 2344'5'-PentaCB-(114) | 0.0016 U | 0.0016 | 0.0000000480 | 0.0097 |
| 31508-00-6 | 23'44'5'-PentaCB-(118) | 0.0694 | 0.0017 | 0.00000208 | 0.0097 |
| 2974-92-7..90-5 | DiCB-(12)+(13) | 0.0069 U | 0.0069 | | 0.019 |
| 68194-12-7 | 23'455'-PentaCB-(120) | 0.0016 U | 0.0016 | | 0.0097 |
| 56558-18-0 | 23'45'6'-PentaCB-(121) | 0.0017 U | 0.0017 | | 0.0097 |
| 76842-07-4 | 233'4'5'-PentaCB-(122) | 0.0012 U | 0.0012 | | 0.0097 |
| 65510-44-3 | 23'44'5'-PentaCB-(123) | 0.0018 U | 0.0018 | 0.0000000540 | 0.0097 |
| 57465-28-8 | 33'44'5'-PentaCB-(126) | 0.0017 U | 0.0017 | 0.000170 | 0.0097 |
| 39635-33-1 | 33'455'-PentaCB-(127) | 0.0011 U | 0.0011 | | 0.0097 |
| 38380-07-3 | HexaCB-(128)+(166) | 0.0168 J | 0.0050 | | 0.019 |
| 55215-18-4 | HexaCB-(129)+(138)+(163) | 0.161 | 0.0053 | | 0.029 |
| 52663-66-8 | 22'33'45'-HexaCB-(130) | 0.0088 J | 0.0060 | | 0.0097 |
| 61798-70-7 | 22'33'46'-HexaCB-(131) | 0.0065 U | 0.0065 | | 0.0097 |
| 38380-05-1 | 22'33'46'-HexaCB-(132) | 0.0109 | 0.0066 | | 0.0097 |
| 35694-04-3 | 22'33'55'-HexaCB-(133) | 0.0056 U | 0.0056 | | 0.0097 |
| 52704-70-8 | HexaCB-(134)+(143) | 0.0059 U | 0.0059 | | 0.019 |
| 52744-13-5 | HexaCB-(135)+(151) | 0.0603 | 0.0033 | | 0.019 |
| 38411-22-2 | 22'33'66'-HexaCB-(136) | 0.0126 | 0.0022 | | 0.0097 |
| 35694-06-5 | 22'344'5'-HexaCB-(137) | 0.0061 U | 0.0061 | | 0.0097 |
| 56030-56-9 | HexaCB-(139)+(140) | 0.0052 U | 0.0052 | | 0.019 |
| 34883-41-5 | 3,5-DiCB-(14) | 0.0060 U | 0.0060 | | 0.0097 |
| 52712-04-6 | 22'3455'-HexaCB-(141) | 0.0054 U | 0.0054 | | 0.0097 |
| 41411-61-4 | 22'3456'-HexaCB-(142) | 0.0058 U | 0.0058 | | 0.0097 |
| 68194-14-9 | 22'345'6'-HexaCB-(144) | 0.0056 U | 0.0056 | | 0.0097 |
| 74472-40-5 | 22'3466'-HexaCB-(145) | 0.0026 U | 0.0026 | | 0.0097 |
| 51908-16-8 | 22'34'55'-HexaCB-(146) | 0.0402 | 0.0049 | | 0.0097 |
| 68194-13-8 | HexaCB-(147)+(149) | 0.115 | 0.0053 | | 0.019 |
| 74472-41-6 | 22'34'56'-HexaCB-(148) | 0.0030 U | 0.0030 | | 0.0097 |
| 2050-68-2 | 4,4'-DiCB-(15) | 0.013 U | 0.013 | | 0.0097 |
| 68194-08-1 | 22'34'66'-HexaCB-(150) | 0.0024 U | 0.0024 | | 0.0097 |
| 68194-09-2 | 22'3566'-HexaCB-(152) | 0.0021 U | 0.0021 | | 0.0097 |
| 35065-27-1 | HexaCB-(153)+(168) | 0.233 | 0.0045 | | 0.0097 |
| 60145-22-4 | 22'44'56'-HexaCB-(154) | 0.0073 U | 0.0073 | | 0.0097 |
| 33979-03-2 | 22'44'66'-HexaCB-(155) | 0.0014 U | 0.0014 | | 0.0097 |
| 38380-08-4 | HexaCB-(156)+(157) | 0.0065 J | 0.0014 | 0.000000195 | 0.019 |
| 74472-42-7 | 233'44'6'-HexaCB-(158) | 0.0102 | 0.0040 | | 0.0097 |

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|-------------------------------|------------------------------|-----------------|---------------------|-------------------------|--------------------------|
| Lab Name | <u>Maxxam Analytics Inc.</u> | | Lab Sample ID: | <u>B6N4556-DIS275</u> | |
| Method | <u>EPA 1668A m</u> | | Project Number: | <u>PORT GAMBLE</u> | |
| Matrix: | <u>tissue</u> | | Project Name: | <u></u> | |
| Sample wt/vol: | <u>10.28</u> | (g) | Lab File ID: | <u>M2161205B11</u> | |
| Level (low/med): | <u>low</u> | | Date Received: | <u>October 28, 2016</u> | |
| % Moisture: | <u>Not applicable</u> | Decanted (Y/N): | <u>N</u> | Date Extracted: | <u>November 28, 2016</u> |
| Concentrated Extract Volume: | <u>100</u> | (uL) | Lab Batch: | <u>4779396</u> | |
| Injection Volume: | <u>1</u> | (uL) | Date Analyzed: | <u>December 6, 2016</u> | |
| Acid/Base Wash Cleanup (Y/N): | <u>N</u> | pH | <u>Not analyzed</u> | Calib. Ref.: | <u>November 29, 2016</u> |
| Silica Column Cleanup (Y/N): | <u>Y</u> | | | Time Analyzed: | <u>04:00</u> |
| Alumina Column Cleanup (Y/N): | <u>N</u> | | | Dilution Factor: | <u>1</u> |
| Carbon Column Cleanup (Y/N): | <u>N</u> | | | | |
| GPC Column Cleanup (Y/N): | <u>N</u> | | | | |

| CAS Number | Compound | Concentration (ng/g) | EDL (ng/g) | TE (ng/g) | REPORTING LIMIT (ng/g) |
|-----------------|-----------------------------|----------------------|------------|--------------|------------------------|
| 39635-35-3 | 233'455'-HexaCB-(159) | 0.00096 U | 0.00096 | | 0.0097 |
| 38444-78-9 | 22'3-TriCB-(16) | 0.0065 U | 0.0065 | | 0.0097 |
| 41411-62-5 | 233'456'-HexaCB-(160) | 0.0050 U | 0.0050 | | 0.0097 |
| 74472-43-8 | 233'45'6'-HexaCB-(161) | 0.0040 U | 0.0040 | | 0.0097 |
| 39635-34-2 | 233'4'55'-HexaCB-(162) | 0.0011 U | 0.0011 | | 0.0097 |
| 74472-45-0 | 233'4'5'6'-HexaCB-(164) | 0.0044 U | 0.0044 | | 0.0097 |
| 74472-46-1 | 233'55'6'-HexaCB-(165) | 0.0048 U | 0.0048 | | 0.0097 |
| 52663-72-6 | 23'44'55'-HexaCB-(167) | 0.0054 J | 0.0015 | 0.000000162 | 0.0097 |
| 32774-16-6 | 33'44'55'-HexaCB-(169) | 0.0015 U | 0.0015 | 0.0000450 | 0.0097 |
| 37680-66-3 | 22'4-TriCB-(17) | 0.0058 U | 0.0058 | | 0.0097 |
| 35065-30-6 | 22'33'44'5'-HeptaCB-(170) | 0.0014 U | 0.0014 | | 0.0097 |
| 52663-71-5 | HeptaCB-(171)+(173) | 0.0069 J | 0.0019 | | 0.019 |
| 52663-74-8 | 22'33'455'-HeptaCB-(172) | 0.0019 U | 0.0019 | | 0.0097 |
| 38411-25-5 | 22'33'456'-HeptaCB-(174) | 0.0019 U | 0.0019 | | 0.0097 |
| 40186-70-7 | 22'33'45'6'-HeptaCB-(175) | 0.0025 U | 0.0025 | | 0.0097 |
| 52663-65-7 | 22'33'466'-HeptaCB-(176) | 0.0039 J | 0.0019 | | 0.0097 |
| 52663-70-4 | 22'33'45'6'-HeptaCB-(177) | 0.017 U | 0.017 | | 0.0097 |
| 52663-67-9 | 22'33'55'6'-HeptaCB-(178) | 0.0122 | 0.0027 | | 0.0097 |
| 52663-64-6 | 22'33'566'-HeptaCB-(179) | 0.013 U | 0.013 | | 0.0097 |
| 37680-65-2 | TriCB-(18)+(30) | 0.0046 U | 0.0046 | | 0.019 |
| 35065-29-3 | HeptaCB-(180)+(193) | 0.0193 | 0.0013 | | 0.019 |
| 74472-47-2 | 22'344'56'-HeptaCB-(181) | 0.0020 U | 0.0020 | | 0.0097 |
| 60145-23-5 | 22'344'56'-HeptaCB-(182) | 0.0026 U | 0.0026 | | 0.0097 |
| 52663-69-1 | 22'344'5'6'-HeptaCB-(183) | 0.0206 | 0.0015 | | 0.0097 |
| 74472-48-3 | 22'344'66'-HeptaCB-(184) | 0.0020 U | 0.0020 | | 0.0097 |
| 52712-05-7 | 22'3455'6'-HeptaCB-(185) | 0.0022 U | 0.0022 | | 0.0097 |
| 74472-49-4 | 22'34566'-HeptaCB-(186) | 0.0022 U | 0.0022 | | 0.0097 |
| 52663-68-0 | 22'34'55'6'-HeptaCB-(187) | 0.0707 | 0.0027 | | 0.0097 |
| 74487-85-7 | 22'34'566'-HeptaCB-(188) | 0.0017 U | 0.0017 | | 0.0097 |
| 39635-31-9 | 233'44'55'-HeptaCB-(189) | 0.0015 U | 0.0015 | 0.0000000450 | 0.0097 |
| 38444-73-4 | 22'6-TriCB-(19) | 0.0035 U | 0.0035 | | 0.0097 |
| 41411-64-7 | 233'44'56'-HeptaCB-(190) | 0.0015 U | 0.0015 | | 0.0097 |
| 74472-50-7 | 233'44'5'6'-HeptaCB-(191) | 0.0014 U | 0.0014 | | 0.0097 |
| 74472-51-8 | 233'455'6'-HeptaCB-(192) | 0.0017 U | 0.0017 | | 0.0097 |
| 35694-08-7 | 22'33'44'55'-OctaCB-(194) | 0.0039 U | 0.0039 | | 0.049 |
| 52663-78-2 | 22'33'44'56'-OctaCB-(195) | 0.0041 U | 0.0041 | | 0.049 |
| 42740-50-1 | 22'33'44'56'-OctaCB-(196) | 0.013 U | 0.013 | | 0.049 |
| 33091-17-7 | 22'33'44'66'-OctaCB-(197) | 0.010 U | 0.010 | | 0.049 |
| 68194-17-2 | OctaCB-(198)+(199) | 0.014 U | 0.014 | | 0.039 |
| 2051-61-8 | 3-MonoCB-(2) | 0.0010 U | 0.0010 | | 0.0097 |
| 38444-84-7 | TriCB-(20) + (28) | 0.0147 J | 0.0012 | | 0.019 |
| 52663-73-7 | 22'33'4566'-OctaCB-(200) | 0.0088 U | 0.0088 | | 0.049 |
| 40186-71-8 | 22'33'45'66'-OctaCB-(201) | 0.0090 U | 0.0090 | | 0.049 |
| 2136-99-4 | 22'33'55'66'-OctaCB-(202) | 0.0092 U | 0.0092 | | 0.049 |
| 52663-76-0 | 22'344'55'6'-OctaCB-(203) | 0.014 U | 0.014 | | 0.049 |
| 74472-52-9 | 22'344'566'-OctaCB-(204) | 0.0091 U | 0.0091 | | 0.049 |
| 74472-53-0 | 233'44'55'6'-OctaCB-(205) | 0.0028 U | 0.0028 | | 0.0097 |
| 40186-72-9 | 22'33'44'55'6'-NonaCB-(206) | 0.0033 U | 0.0033 | | 0.0097 |

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|-------------------------------|------------------------------|-----------------|------------------|--------------------------|
| Lab Name | <u>Maxxam Analytics Inc.</u> | | Lab Sample ID: | <u>B6N4556-DIS275</u> |
| Method | <u>EPA 1668A m</u> | | Project Number: | <u>PORT GAMBLE</u> |
| Matrix: | <u>tissue</u> | | Project Name: | <u></u> |
| Sample wt/vol: | <u>10.28</u> | (g) | Lab File ID: | <u>M2161205B11</u> |
| Level (low/med): | <u>low</u> | | Date Received: | <u>October 28, 2016</u> |
| % Moisture: | <u>Not applicable</u> | Decanted (Y/N): | Date Extracted: | <u>November 28, 2016</u> |
| Concentrated Extract Volume: | <u>100</u> | (uL) | Lab Batch: | <u>4779396</u> |
| Injection Volume: | <u>1</u> | (uL) | Date Analyzed: | <u>December 6, 2016</u> |
| Acid/Base Wash Cleanup (Y/N): | <u>N</u> | pH | Calib. Ref.: | <u>November 29, 2016</u> |
| Silica Column Cleanup (Y/N): | <u>Y</u> | | Time Analyzed: | <u>04:00</u> |
| Alumina Column Cleanup (Y/N): | <u>N</u> | | Dilution Factor: | <u>1</u> |
| Carbon Column Cleanup (Y/N): | <u>N</u> | | | |
| GPC Column Cleanup (Y/N): | <u>N</u> | | | |

| CAS Number | Compound | Concentration (ng/g) | EDL (ng/g) | TE (ng/g) | REPORTING LIMIT (ng/g) |
|-----------------|-----------------------------|----------------------|------------|-----------|------------------------|
| 52663-79-3 | 22'33'44'566'-NonaCB-(207) | 0.0027 U | 0.0027 | | 0.0097 |
| 52663-77-1 | 22'33'455'66'-NonaCB-(208) | 0.0033 U | 0.0033 | | 0.0097 |
| 2051-24-3 | DecaCB-(209) | 0.0034 U | 0.0034 | | 0.0097 |
| 55702-46-0 | TriCB-(21)+(33) | 0.0030 J | 0.0012 | | 0.019 |
| 38444-85-8 | 234'-TriCB-(22) | 0.0016 J | 0.0014 | | 0.0097 |
| 55720-44-0 | 235'-TriCB-(23) | 0.0013 U | 0.0013 | | 0.0097 |
| 55702-45-9 | 236'-TriCB-(24) | 0.0050 U | 0.0050 | | 0.0097 |
| 55712-37-3 | 234'-TriCB-(25) | 0.0012 U | 0.0012 | | 0.0097 |
| 38444-81-4 | TriCB-(26)+(29) | 0.0014 J | 0.0012 | | 0.019 |
| 38444-76-7 | 236'-TriCB-(27) | 0.0040 U | 0.0040 | | 0.0097 |
| 2051-62-9 | 4-MonoCB-(3) | 0.0014 U | 0.0014 | | 0.0097 |
| 16606-02-3 | 24'5'-TriCB-(31) | 0.0065 J | 0.0011 | | 0.0097 |
| 38444-77-8 | 24'6'-TriCB-(32) | 0.0036 U | 0.0036 | | 0.0097 |
| 37680-68-5 | 23'5'-TriCB-(34) | 0.0012 U | 0.0012 | | 0.0097 |
| 37680-69-6 | 33'4'-TriCB-(35) | 0.0012 U | 0.0012 | | 0.0097 |
| 38444-87-0 | 33'5'-TriCB-(36) | 0.0011 U | 0.0011 | | 0.0097 |
| 38444-90-5 | 344'-TriCB-(37) | 0.0026 J | 0.0025 | | 0.0097 |
| 53555-66-1 | 345'-TriCB-(38) | 0.0012 U | 0.0012 | | 0.0097 |
| 38444-88-1 | 34'5'-TriCB-(39) | 0.0013 U | 0.0013 | | 0.0097 |
| 13029-08-8 | 22'-DiCB-(4) | 0.022 U | 0.022 | | 0.0097 |
| 38444-93-8 | TetraCB-(40)+(41)+(71) | 0.0087 J | 0.0038 | | 0.029 |
| 36559-22-5 | 22'34'-TetraCB-(42) | 0.0042 U | 0.0042 | | 0.0097 |
| 70362-46-8 | 22'35'-TetraCB-(43) | 0.0056 U | 0.0056 | | 0.0097 |
| 41464-39-5 | TetraCB-(44)+(47)+(65) | 0.0257 J | 0.0034 | | 0.029 |
| 70362-45-7 | TetraCB-(45)+(51) | 0.0037 U | 0.0037 | | 0.019 |
| 41464-47-5 | 22'36'-TetraCB-(46) | 0.0042 U | 0.0042 | | 0.0097 |
| 70362-47-9 | 22'45'-TetraCB-(48) | 0.0042 U | 0.0042 | | 0.0097 |
| 41464-47-5 | TetraCB-(49)+TetraCB-(69) | 0.0079 J | 0.0031 | | 0.019 |
| 16605-91-7 | 2,3-DiCB-(5) | 0.0077 U | 0.0077 | | 0.0097 |
| 62796-65-0 | TetraCB-(50)+(53) | 0.0038 J | 0.0035 | | 0.019 |
| 35693-99-3 | 22'55'-TetraCB-(52) | 0.0311 | 0.0033 | | 0.0097 |
| 15968-05-5 | 22'66'-TetraCB-(54) | 0.0013 U | 0.0013 | | 0.0097 |
| 74338-24-2 | 233'4'-TetraCB-(55) | 0.00084 U | 0.00084 | | 0.0097 |
| 41464-43-1 | 233'4'-TetraCB-(56) | 0.00244 J | 0.00086 | | 0.0097 |
| 70424-67-8 | 233'5'-TetraCB-(57) | 0.00073 U | 0.00073 | | 0.0097 |
| 41464-49-7 | 233'5'-TetraCB-(58) | 0.00081 U | 0.00081 | | 0.0097 |
| 74472-33-6 | TetraCB-(59)+(62)+(75) | 0.0027 U | 0.0027 | | 0.029 |
| 25569-80-6 | 2,3-DiCB-(6) | 0.0060 U | 0.0060 | | 0.0097 |
| 33025-41-1 | 2344'-TetraCB-(60) | 0.00311 J | 0.00087 | | 0.0097 |
| 33284-53-6 | TetraCB-(61)+(70)+(74)+(76) | 0.0316 J | 0.00079 | | 0.039 |
| 74472-34-7 | 234'5'-TetraCB-(63) | 0.00097 J | 0.00071 | | 0.0097 |
| 52663-58-8 | 234'6'-TetraCB-(64) | 0.0029 U | 0.0029 | | 0.0097 |
| 32598-10-0 | 23'44'-TetraCB-(66) | 0.013 U | 0.013 | | 0.0097 |
| 73575-53-8 | 23'45'-TetraCB-(67) | 0.00068 U | 0.00068 | | 0.0097 |
| 73575-52-7 | 23'45'-TetraCB-(68) | 0.00090 U | 0.00090 | | 0.0097 |
| 33284-50-3 | 2,4-DiCB-(7) | 0.0068 U | 0.0068 | | 0.0097 |
| 41464-42-0 | 23'55'-TetraCB-(72) | 0.00071 J | 0.00071 | | 0.0097 |
| 74338-23-1 | 23'5'6'-TetraCB-(73) | 0.0027 U | 0.0027 | | 0.0097 |

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|-------------------------------|------------------------------|-----------------|------------------|--------------------------|
| Lab Name | <u>Maxxam Analytics Inc.</u> | | Lab Sample ID: | <u>B6N4556-DIS275</u> |
| Method | <u>EPA 1668A m</u> | | Project Number: | <u>PORT GAMBLE</u> |
| Matrix: | <u>tissue</u> | | Project Name: | <u></u> |
| Sample wt/vol: | <u>10.28</u> | (g) | Lab File ID: | <u>M2161205B11</u> |
| Level (low/med): | <u>low</u> | | Date Received: | <u>October 28, 2016</u> |
| % Moisture: | <u>Not applicable</u> | Decanted (Y/N): | Date Extracted: | <u>November 28, 2016</u> |
| Concentrated Extract Volume: | <u>100</u> | (uL) | Lab Batch: | <u>4779396</u> |
| Injection Volume: | <u>1</u> | (uL) | Date Analyzed: | <u>December 6, 2016</u> |
| Acid/Base Wash Cleanup (Y/N): | <u>N</u> | pH | Calib. Ref.: | <u>November 29, 2016</u> |
| Silica Column Cleanup (Y/N): | <u>Y</u> | | Time Analyzed: | <u>04:00</u> |
| Alumina Column Cleanup (Y/N): | <u>N</u> | | Dilution Factor: | <u>1</u> |
| Carbon Column Cleanup (Y/N): | <u>N</u> | | | |
| GPC Column Cleanup (Y/N): | <u>N</u> | | | |

| CAS Number | Compound | Concentration (ng/g) | EDL (ng/g) | TE (ng/g) | REPORTING LIMIT (ng/g) |
|-----------------|-------------------------------------|----------------------|-------------------------|-------------|------------------------|
| 32598-13-3 | 33'44'-TetraCB-(77) | 0.0022 J | 0.0012 | 0.000000220 | 0.0097 |
| 70362-49-1 | 33'45'-TetraCB-(78) | 0.00077 U | 0.00077 | | 0.0097 |
| 41464-48-6 | 33'45'-TetraCB-(79) | 0.00068 U | 0.00068 | | 0.0097 |
| 34883-43-7 | 2,4'-DiCB-(8) | 0.0057 U | 0.0057 | | 0.0097 |
| 33284-52-5 | 33'55'-TetraCB-(80) | 0.00066 U | 0.00066 | | 0.0097 |
| 70362-50-4 | 344'5'-TetraCB-(81) | 0.0012 U | 0.0012 | 0.000000360 | 0.0097 |
| 52663-62-4 | 22'33'4'-PentaCB-(82) | 0.0025 U | 0.0025 | | 0.0097 |
| 60145-20-2 | PentaCB-(83)+(99) | 0.0797 | 0.0023 | | 0.019 |
| 52663-60-2 | 22'33'6'-PentaCB-(84) | 0.0063 J | 0.0025 | | 0.0097 |
| 65510-45-4 | PentaCB-(85)+(116)+(117) | 0.0126 J | 0.0018 | | 0.029 |
| 55312-69-1 | PentaCB-(86)(87)(97)(109)(119)(125) | 0.0245 J | 0.0019 | | 0.058 |
| 55215-17-3 | PentaCB-(88)+(91) | 0.0037 J | 0.0022 | | 0.019 |
| 73575-57-2 | 22'346'-PentaCB-(89) | 0.0023 U | 0.0023 | | 0.0097 |
| 34883-39-1 | 2,5-DiCB-(9) | 0.0059 U | 0.0059 | | 0.0097 |
| 68194-07-0 | PentaCB-(90)+(101)+(113) | 0.0859 | 0.0019 | | 0.029 |
| 52663-61-3 | 22'355'-PentaCB-(92) | 0.0179 | 0.0021 | | 0.0097 |
| 73575-56-1 | PentaCB-(93)+(98)+(100)+(102) | 0.0049 U | 0.0049 | | 0.039 |
| 73575-55-0 | 22'356'-PentaCB-(94) | 0.0025 U | 0.0025 | | 0.0097 |
| 38379-99-6 | 22'35'6'-PentaCB-(95) | 0.0410 | 0.0020 | | 0.0097 |
| 73575-54-9 | 22'366'-PentaCB-(96) | 0.0021 U | 0.0021 | | 0.0097 |
| CAS Number | Compound | Concentration (ng/g) | # of peaks | | |
| 1336-36-3 | Total PCB | 1.39 | | | |
| NA | Total TEQ | 0.000219 | | | |
| CAS Number | Surrogate | Recovery (%) | Acceptance Criteria (%) | | |
| | C13-2-MonoCB-(1) | 44 | 15 - 140 | | |
| | C13-22'466'-PentaCB-(104) | 95 | 30 - 140 | | |
| | C13-233'44'-PentaCB-(105) | 75 | 30 - 140 | | |
| | C13-233'55'-PentaCB-(111) | 88 | 40 - 125 | | |
| | C13-2344'5'-PentaCB-(114) | 76 | 30 - 140 | | |
| | C13-23'44'5'-PentaCB-(118) | 76 | 30 - 140 | | |
| | C13-2'344'5'-PentaCB-(123) | 78 | 30 - 140 | | |
| | C13-33'44'5'-PentaCB-(126) | 57 | 30 - 140 | | |
| | C13-44'-DiCB-(15) | 69 | 30 - 140 | | |
| | C13-22'44'66'-HexaCB-(155) | 127 | 30 - 140 | | |
| | C13-HexaCB-(156)+(157) | 68 | 30 - 140 | | |
| | C13-23'44'55'-HexaCB-(167) | 73 | 30 - 140 | | |
| | C13-33'44'55'-HexaCB-(169) | 39 | 30 - 140 | | |
| | C13-22'33'44'5'-HeptaCB-(170) | 127 | 30 - 140 | | |
| | C13-22'33'55'6'-HeptaCB-(178) | 102 | 40 - 125 | | |
| | C13-22'344'55'-HeptaCB-(180) | 133 | 30 - 140 | | |
| | C13-22'34'566'-HeptaCB-(188) | 106 | 30 - 140 | | |
| | C13-233'44'55'-HeptaCB-(189) | 108 | 30 - 140 | | |
| | C13-22'6'-TriCB-(19) | 66 | 30 - 140 | | |
| | C13-22'33'55'66'-OctaCB-(202) | 92 | 30 - 140 | | |
| | C13-233'44'55'6'-OctaCB-(205) | 82 | 30 - 140 | | |
| | C13-22'33'44'55'6'-NonaCB-(206) | 85 | 30 - 140 | | |

PG-SMA-1-2-161011 16J0187

| | | | | |
|-------------------------------|------------------------------|-----------------|------------------|--------------------------|
| Lab Name | <u>Maxxam Analytics Inc.</u> | | Lab Sample ID: | <u>B6N4556-DIS275</u> |
| Method | <u>EPA 1668A m</u> | | Project Number: | <u>PORT GAMBLE</u> |
| Matrix: | <u>tissue</u> | | Project Name: | <u></u> |
| Sample wt/vol: | <u>10.28</u> | (g) | Lab File ID: | <u>M2161205B11</u> |
| Level (low/med): | <u>low</u> | | Date Received: | <u>October 28, 2016</u> |
| % Moisture: | <u>Not applicable</u> | Decanted (Y/N): | Date Extracted: | <u>November 28, 2016</u> |
| Concentrated Extract Volume: | <u>100</u> | (uL) | Lab Batch: | <u>4779396</u> |
| Injection Volume: | <u>1</u> | (uL) | Date Analyzed: | <u>December 6, 2016</u> |
| Acid/Base Wash Cleanup (Y/N): | <u>N</u> | | Calib. Ref.: | <u>November 29, 2016</u> |
| Silica Column Cleanup (Y/N): | <u>Y</u> | | Time Analyzed: | <u>04:00</u> |
| Alumina Column Cleanup (Y/N): | <u>N</u> | | Dilution Factor: | <u>1</u> |
| Carbon Column Cleanup (Y/N): | <u>N</u> | | | |
| GPC Column Cleanup (Y/N): | <u>N</u> | | | |
| | | pH | | <u>Not analyzed</u> |

| CAS Number | Compound | Concentration (%) | EDL (%) | TE (%) | REPORTING LIMIT (%) |
|-------------|--------------------------------|-------------------|-------------------------|--------|---------------------|
| CAS Number | Surrogate | Recovery (%) | Acceptance Criteria (%) | | |
| | C13-22'33'455'66'-NonaCB-(208) | 104 | 30 - 140 | | |
| 105600-27-9 | C13-DecaCB-(209) | 75 | 30 - 140 | | |
| | C13-2,44'-TriCB-(28) | 88 | 40 - 125 | | |
| | C13-4-MonoCB-(3) | 47 | 15 - 140 | | |
| | C13-344'-TriCB-(37) | 83 | 30 - 140 | | |
| | C13-22'-DiCB-(4) | 58 | 30 - 140 | | |
| | C13-22'66'-TetraCB-(54) | 86 | 30 - 140 | | |
| | C13-33'44'-TetraCB-(77) | 72 | 30 - 140 | | |
| | C13-344'5-TetraCB-(81) | 74 | 30 - 140 | | |

* Final Data *

Filename M2161205B11
 Acquired 12/06/2016 4:00 Call File m2161205B_209

Sample ID DIS275-01R
 Comments
 Instrument File Ultima 3
 Sample Size 10.283

From 5X Dilution

Dil Fac 1.00

| Name | mass | RT | Area | ratio | Tot.Area | ng/g | Code | Isomers | DL | S/N | Mod | rf | Rec |
|--------------|-----------|--------|-------|-------|----------|----------|------|---------|----------|-----|-----|-------|-----|
| 1 PCB 1 | 188 | NotFnd | * | * | * | -0.00133 | | | -0.00133 | * | no | 1.296 | - |
| | MoCB 190 | 8.83 | * | no | * | | | | | * | | | |
| 2 PCB 2 | 188 | NotFnd | * | * | * | -0.00102 | | | -0.00102 | * | no | 1.697 | - |
| | MoCB 190 | 9.93 | * | no | * | | | | | * | | | |
| 3 PCB 3 | 188 | NotFnd | * | * | * | -0.00135 | | | -0.00135 | * | no | 1.276 | - |
| | MoCB 190 | 10.01 | * | no | * | | | | | * | | | |
| 4 PCB 4 | 222 | NotFnd | * | * | * | -0.02165 | | | -0.02165 | * | no | 1.186 | - |
| | DICB 224 | 10.13 | * | no | * | | | | | * | | | |
| 5 PCB 10 | 222 | NotFnd | * | * | * | -0.02563 | | | -0.02563 | * | no | 1.002 | - |
| | DICB 224 | 10.22 | * | no | * | | | | | * | | | |
| 6 PCB 9 | 222 | NotFnd | * | * | * | -0.00589 | | | -0.00589 | * | no | 2.318 | - |
| | DICB 224 | 11.02 | * | no | * | | | | | * | | | |
| 7 PCB 7 | 222 | NotFnd | * | * | * | -0.00678 | | | -0.00678 | * | no | 2.015 | - |
| | DICB 224 | 11.10 | * | no | * | | | | | * | | | |
| 8 PCB 6 | 222 | NotFnd | * | * | * | -0.00599 | | | -0.00599 | * | no | 2.278 | - |
| | DICB 224 | 11.20 | * | no | * | | | | | * | | | |
| 9 PCB 5 | 222 | NotFnd | * | * | * | -0.00766 | | | -0.00766 | * | no | 1.783 | - |
| | DICB 224 | 11.32 | * | no | * | | | | | * | | | |
| 10 PCB 8 | 222 | NotFnd | * | * | * | -0.00565 | | | -0.00565 | * | no | 2.416 | - |
| | DICB 224 | 11.38 | * | no | * | | | | | * | | | |
| 11 PCB 14 | 222 | NotFnd | * | * | * | -0.00597 | | | -0.00597 | * | no | 2.288 | - |
| | DICB 224 | 12.08 | * | no | * | | | | | * | | | |
| 12 PCB 11 | 222 | 12.44 | 10617 | 1.44 | 17992 | 0.008749 | | | -0.00627 | 74 | yes | 2.176 | - |
| | DICB 224 | 12.45 | 7375 | yes | * | | | | | 3 | | | |
| 13 PCB 13/12 | 222 | NotFnd | * | * | * | -0.0069 | | | -0.0069 | * | no | 1.978 | - |
| | DICB 224 | 12.69 | * | no | * | | | | | * | | | |
| 14 PCB 15 | 222 | NotFnd | * | * | * | -0.0131 | | | -0.0131 | * | no | 1.042 | - |
| | DICB 224 | 12.73 | * | no | * | | | | | * | | | |
| 15 PCB 19 | 256 | NotFnd | * | * | * | -0.00347 | | | -0.00347 | * | no | 1.156 | - |
| | TriCB 258 | 11.49 | * | no | * | | | | | * | | | |
| 16 PCB 30/18 | 256 | 12.30 | 1653 | 1.29 | 2930 | -0.00464 | | | -0.00464 | * | yes | 0.864 | - |
| | TriCB 258 | 12.30 | 1277 | no | * | | | | | * | | | |
| 17 PCB 17 | 256 | NotFnd | * | * | * | -0.0058 | | | -0.0058 | * | no | 0.891 | - |
| | TriCB 258 | 12.48 | * | no | * | | | | | * | | | |
| 18 PCB 27 | 256 | NotFnd | * | * | * | -0.00399 | | | -0.00399 | * | no | 1.006 | - |
| | TriCB 258 | 12.60 | * | no | * | | | | | * | | | |
| 19 PCB 24 | 256 | NotFnd | * | * | * | -0.005 | | | -0.005 | * | no | 0.802 | - |
| | TriCB 258 | 12.65 | * | no | * | | | | | * | | | |
| 20 PCB 16 | 256 | NotFnd | * | * | * | -0.00653 | | | -0.00653 | * | no | 0.614 | - |
| | TriCB 258 | 12.71 | * | no | * | | | | | * | | | |
| 21 PCB 32 | 256 | NotFnd | * | * | * | -0.00365 | | | -0.00365 | * | no | 1.1 | - |
| | TriCB 258 | 12.93 | * | no | * | | | | | * | | | |
| 22 PCB 34 | 256 | NotFnd | * | * | * | -0.00117 | | | -0.00117 | * | no | 2.11 | - |
| | TriCB 258 | 13.52 | * | no | * | | | | | * | | | |
| 23 PCB 23 | 256 | NotFnd | * | * | * | -0.00132 | | | -0.00132 | * | no | 1.864 | - |
| | TriCB 258 | 13.61 | * | no | * | | | | | * | | | |
| 24 PCB 26/29 | 256 | 13.74 | 1729 | 1.06 | 3364 | 0.001437 | | | -0.00116 | 4 | no | 2.13 | - |
| | TriCB 258 | 13.76 | 1634 | yes | * | | | | | 4 | | | |
| 25 PCB 25 | 256 | 13.86 | 880 | 1.1 | 1684 | -0.00117 | | | -0.00117 | * | yes | 2.103 | - |
| | TriCB 258 | 13.84 | 803 | no | * | | | | | * | | | |
| 26 PCB 31 | 256 | 14.01 | 7854 | 1 | 15715 | 0.006492 | | | -0.00112 | 21 | no | 2.202 | - |
| | TriCB 258 | 14.00 | 7861 | yes | * | | | | | 21 | | | |
| 27 PCB 28/20 | 256 | 14.17 | 16164 | 1.03 | 31861 | 0.014708 | | | -0.00125 | 41 | no | 1.971 | - |
| | TriCB 258 | 14.16 | 15697 | yes | * | | | | | 40 | | | |
| 28 PCB 21/33 | 256 | 14.29 | 3392 | 1.06 | 6589 | 0.002985 | | | -0.00123 | 8 | no | 2.008 | - |
| | TriCB 258 | 14.26 | 3197 | yes | * | | | | | 8 | | | |
| 29 PCB 22 | 256 | 14.49 | 1687 | 1.14 | 3163 | 0.001636 | | | -0.0014 | 4 | no | 1.758 | - |
| | TriCB 258 | 14.46 | 1476 | yes | * | | | | | 4 | | | |
| 30 PCB 36 | 256 | NotFnd | * | * | * | -0.00105 | | | -0.00105 | * | no | 2.334 | - |
| | TriCB 258 | 15.29 | * | no | * | | | | | * | | | |
| 31 PCB 39 | 256 | NotFnd | * | * | * | -0.00128 | | | -0.00128 | * | no | 1.922 | - |
| | TriCB 258 | 15.51 | * | no | * | | | | | * | | | |
| 32 PCB 38 | 256 | NotFnd | * | * | * | -0.00125 | | | -0.00125 | * | no | 1.971 | - |
| | TriCB 258 | 15.86 | * | no | * | | | | | * | | | |
| 33 PCB 35 | 256 | NotFnd | * | * | * | -0.00122 | | | -0.00122 | * | no | 2.017 | - |
| | TriCB 258 | 16.13 | * | no | * | | | | | * | | | |
| 34 PCB 37 | 256 | 16.37 | 2166 | 0.96 | 4428 | 0.002617 | | | -0.0025 | 5 | no | 0.985 | - |
| | TriCB 258 | 16.37 | 2262 | yes | * | | | | | 6 | | | |
| 35 PCB 54 | 290 | NotFnd | * | * | * | -0.00135 | | | -0.00135 | * | no | 1.02 | - |
| | TCB 292 | 12.88 | * | no | * | | | | | * | | | |
| 36 PCB 53/50 | 290 | 13.88 | 1290 | 0.77 | 2961 | 0.003839 | | | -0.00347 | 5 | no | 0.872 | - |
| | TCB 292 | 13.89 | 1672 | yes | * | | | | | 4 | | | |
| 37 PCB 45/51 | 290 | 14.22 | 478 | 0.8 | 1075 | -0.00366 | | | -0.00366 | * | yes | 0.826 | - |
| | TCB 292 | 14.24 | 597 | no | * | | | | | * | | | |
| 38 PCB 46 | 290 | NotFnd | * | * | * | -0.00416 | | | -0.00416 | * | no | 0.727 | - |
| | TCB 292 | 14.39 | * | no | * | | | | | * | | | |
| 39 PCB 52 | 290 | 15.10 | 11052 | 0.8 | 24945 | 0.031144 | | | -0.00334 | 37 | no | 0.905 | - |
| | TCB 292 | 15.10 | 13893 | yes | * | | | | | 35 | | | |
| 40 PCB 73 | 290 | NotFnd | * | * | * | -0.00271 | | | -0.00271 | * | no | 1.116 | - |
| | TCB 292 | 15.18 | * | no | * | | | | | * | | | |
| 41 PCB 43 | 290 | NotFnd | * | * | * | -0.00563 | | | -0.00563 | * | no | 0.537 | - |
| | TCB 292 | 15.25 | * | no | * | | | | | * | | | |
| 42 PCB 69/49 | 290 | 15.37 | 3174 | 0.88 | 6793 | 0.007861 | | | -0.0031 | 10 | no | 0.976 | - |
| | TCB 292 | 15.37 | 3618 | yes | * | | | | | 9 | | | |

| | | | | | | | | | | | | |
|---------------------------|----------|--------|----------|------|----------|----------|----------------------|----------|-----|-----|-------|---|
| 43 PCB 48 | 290 | 15.55 | -1246 | 0.77 | -2864.18 | -0.00424 | PCB 48 NDR | -0.00395 | 4 | xL | 0.765 | - |
| | TCB 292 | 15.55 | -1618.18 | OK | | | | | 5 | | | |
| 44 PCB 44/47/65 | 290 | 15.68 | 8889 | 0.8 | 20056 | 0.025678 | | -0.00343 | 23 | no | 0.883 | - |
| | TCB 292 | 15.70 | 11167 | yes | | | | | 22 | | | |
| 45 PCB 59/62/75 | 290 | 15.87 | 1107 | 0.94 | 2281 | -0.00274 | | -0.00274 | * | yes | 1.105 | - |
| | TCB 292 | 15.87 | 1174 | no | | | | | * | | | |
| 46 PCB 42 | 290 | 15.98 | 978 | 0.75 | 2282 | -0.00422 | | -0.00422 | * | yes | 0.717 | - |
| | TCB 292 | 15.98 | 1304 | no | | | | | * | | | |
| 47 PCB 40/41/71 | 290 | 16.25 | 2551 | 0.71 | 6147 | 0.008655 | | -0.00377 | 7 | no | 0.803 | - |
| | TCB 292 | 16.27 | 3596 | yes | | | | | 7 | | | |
| 48 PCB 64 | 290 | 16.39 | 1110 | 0.93 | 2306 | -0.00293 | | -0.00293 | * | no | 1.034 | - |
| | TCB 292 | 16.41 | 1196 | no | | | | | * | | | |
| 49 PCB 72 | 290 | 16.88 | 543 | 0.75 | 1268 | 0.00071 | | -0.00071 | 3 | yes | 2.019 | - |
| | TCB 292 | 16.89 | 725 | yes | | | | | 3 | | | |
| 50 PCB 68 | 290 | 17.06 | -652.96 | 0.77 | -1600.96 | -0.0009 | PCB 68 NDR | -0.00075 | 4 | xL | 1.893 | - |
| | TCB 292 | 17.06 | -848 | OK | | | | | 3 | | | |
| 51 PCB 57 | 290 | NotFnd | * | * | * | -0.00073 | | -0.00073 | * | no | 1.963 | - |
| | TCB 292 | 17.35 | * | no | | | | | * | | | |
| 52 PCB 58 | 290 | NotFnd | * | * | * | -0.00081 | | -0.00081 | * | no | 1.762 | - |
| | TCB 292 | 17.50 | * | no | | | | | * | | | |
| 53 PCB 67 | 290 | NotFnd | * | * | * | -0.00068 | | -0.00068 | * | no | 2.107 | - |
| | TCB 292 | 17.61 | * | no | | | | | * | | | |
| 54 PCB 63 | 290 | 17.78 | 714 | 0.7 | 1731 | 0.000969 | | -0.00071 | 4 | yes | 2.019 | - |
| | TCB 292 | 17.77 | 1017 | yes | | | | | 4 | | | |
| 55 PCB 61/70/74/76 | 290 | 18.00 | 21176 | 0.72 | 50718 | 0.031553 | | -0.00079 | 73 | no | 1.816 | - |
| | TCB 292 | 18.00 | 29542 | yes | | | | | 77 | | | |
| 56 PCB 66 | 290 | 18.22 | -10401 | 0.77 | -23908.8 | -0.01335 | PCB 66 NDR | -0.0007 | 51 | xL | 2.026 | - |
| | TCB 292 | 18.21 | -13507.8 | OK | | | | | 57 | | | |
| 57 PCB 55 | 290 | NotFnd | * | * | * | -0.00084 | | -0.00084 | * | no | 1.69 | - |
| | TCB 292 | 18.34 | * | no | | | | | * | | | |
| 58 PCB 56 | 290 | 18.68 | 1539 | 0.76 | 3568 | 0.002438 | | -0.00086 | 7 | no | 1.654 | - |
| | TCB 292 | 18.68 | 2029 | yes | | | | | 7 | | | |
| 59 PCB 60 | 290 | 18.85 | 2131 | 0.88 | 4541 | 0.003109 | | -0.00087 | 10 | no | 1.65 | - |
| | TCB 292 | 18.84 | 2409 | yes | | | | | 9 | | | |
| 60 PCB 80 | 290 | NotFnd | * | * | * | -0.00066 | | -0.00066 | * | no | 2.158 | - |
| | TCB 292 | 19.09 | * | no | | | | | * | | | |
| 61 PCB 79 | 290 | NotFnd | * | * | * | -0.00068 | | -0.00068 | * | no | 2.095 | - |
| | TCB 292 | 20.23 | * | no | | | | | * | | | |
| 62 PCB 78 | 290 | NotFnd | * | * | * | -0.00077 | | -0.00077 | * | no | 1.857 | - |
| | TCB 292 | 20.67 | * | no | | | | | * | | | |
| 63 PCB 81 | 290 | NotFnd | * | * | * | -0.00122 | | -0.00122 | * | no | 1.167 | - |
| | TCB 292 | 20.98 | * | no | | | | | * | | | |
| 64 PCB 77 | 290 | 21.43 | 1296 | 0.87 | 2783 | 0.002207 | | -0.00117 | 6 | no | 1.216 | - |
| | TCB 292 | 21.43 | 1488 | yes | | | | | 5 | | | |
| 65 PCB 104 | 326 | NotFnd | * | * | * | -0.00123 | | -0.00123 | * | no | 1.188 | - |
| | PeCB 328 | 15.65 | * | no | | | | | * | | | |
| 66 PCB 96 | 326 | NotFnd | * | * | * | -0.00215 | | -0.00215 | * | no | 0.682 | - |
| | PeCB 328 | 15.87 | * | no | | | | | * | | | |
| 67 PCB 103 | 326 | 17.00 | 928 | 1.36 | 1610 | 0.002343 | | -0.00179 | 4 | yes | 0.759 | - |
| | PeCB 328 | 17.01 | 682 | yes | | | | | 5 | | | |
| 68 PCB 94 | 326 | NotFnd | * | * | * | -0.00245 | | -0.00245 | * | no | 0.555 | - |
| | PeCB 328 | 17.15 | * | no | | | | | * | | | |
| 69 PCB 95 | 326 | 17.42 | 15361 | 1.52 | 25491 | 0.040983 | | -0.00198 | 65 | no | 0.687 | - |
| | PeCB 328 | 17.44 | 10130 | yes | | | | | 66 | | | |
| 70 PCB 100/93/102/98 | 326 | 17.66 | -1680 | 1.55 | -2763.87 | -0.00489 | CB 100/93/102/98 NDR | -0.00219 | 4 | xL | 0.623 | - |
| | PeCB 328 | 17.59 | -1083.87 | OK | | | | | 6 | | | |
| 71 PCB 88/91 | 326 | 18.00 | 1333 | 1.74 | 2098 | 0.00369 | | -0.00217 | 5 | xL | 0.627 | - |
| | PeCB 328 | 17.98 | 765 | OK | | | | | 5 | | | |
| 72 PCB 84 | 326 | 18.15 | 1900 | 1.55 | 3123 | 0.006289 | | -0.00249 | 8 | no | 0.548 | - |
| | PeCB 328 | 18.15 | 1223 | yes | | | | | 8 | | | |
| 73 PCB 89 | 326 | NotFnd | * | * | * | -0.00226 | | -0.00226 | * | no | 0.604 | - |
| | PeCB 328 | 18.48 | * | no | | | | | * | | | |
| 74 PCB 121 | 326 | NotFnd | * | * | * | -0.00168 | | -0.00168 | * | no | 0.81 | - |
| | PeCB 328 | 18.73 | * | no | | | | | * | | | |
| 75 PCB 92 | 326 | 18.99 | 6347 | 1.59 | 10351 | 0.017883 | | -0.00213 | 25 | yes | 0.639 | - |
| | PeCB 328 | 18.99 | 4003 | yes | | | | | 25 | | | |
| 76 PCB 113/90/101 | 326 | 19.42 | 33348 | 1.49 | 55737 | 0.085907 | | -0.0019 | 126 | no | 0.716 | - |
| | PeCB 328 | 19.40 | 22389 | yes | | | | | 130 | | | |
| 77 PCB 83/99 | 326 | 19.84 | 25087 | 1.49 | 41923 | 0.079693 | | -0.00234 | 93 | no | 0.581 | - |
| | PeCB 328 | 19.84 | 16936 | yes | | | | | 95 | | | |
| 78 PCB 112 | 326 | NotFnd | * | * | * | -0.00158 | | -0.00158 | * | no | 0.863 | - |
| | PeCB 328 | 19.95 | * | no | | | | | * | | | |
| 79 PCB 109/119/86/97/125/ | 326 | 20.22 | 9974 | 1.7 | 15841 | 0.024504 | | -0.00191 | 24 | yes | 0.714 | - |
| | PeCB 328 | 20.23 | 5867 | yes | | | | | 24 | | | |
| 80 PCB 117/116/85 | 326 | 20.78 | 5148 | 1.39 | 8848 | 0.012555 | | -0.00175 | 17 | no | 0.778 | - |
| | PeCB 328 | 20.81 | 3701 | yes | | | | | 20 | | | |
| 81 PCB 110/115 | 326 | 20.90 | 16310 | 1.5 | 27145 | 0.043202 | | -0.00196 | 56 | no | 0.694 | - |
| | PeCB 328 | 20.92 | 10835 | yes | | | | | 59 | | | |
| 82 PCB 82 | 326 | NotFnd | * | * | * | -0.00251 | | -0.00251 | * | no | 0.542 | - |
| | PeCB 328 | 21.17 | * | no | | | | | * | | | |
| 83 PCB 111 | 326 | NotFnd | * | * | * | -0.00176 | | -0.00176 | * | no | 0.772 | - |
| | PeCB 328 | 21.45 | * | no | | | | | * | | | |
| 84 PCB 120 | 326 | NotFnd | * | * | * | -0.00155 | | -0.00155 | * | no | 0.877 | - |
| | PeCB 328 | 21.82 | * | no | | | | | * | | | |
| 85 PCB 108/124 | 326 | 22.74 | 1614 | 1.53 | 2669 | 0.00198 | | -0.00118 | 4 | yes | 1.488 | - |
| | PeCB 328 | 22.73 | 1055 | yes | | | | | 4 | | | |
| 86 PCB 107 | 326 | 22.95 | 5246 | 1.54 | 8652 | 0.005743 | | -0.00105 | 14 | yes | 1.663 | - |
| | PeCB 328 | 22.94 | 3406 | yes | | | | | 14 | | | |
| 87 PCB 123 | 326 | NotFnd | * | * | * | -0.00185 | | -0.00185 | * | no | 0.947 | - |
| | PeCB 328 | 23.05 | * | no | | | | | * | | | |
| 88 PCB 106 | 326 | NotFnd | * | * | * | -0.00119 | | -0.00119 | * | no | 1.465 | - |
| | PeCB 328 | 23.17 | * | no | | | | | * | | | |
| 89 PCB 118 | 326 | 23.34 | 43091 | 1.46 | 72566 | 0.069417 | | -0.00168 | 115 | no | 1.042 | - |
| | PeCB 328 | 23.35 | 29474 | yes | | | | | 121 | | | |

| | | | | | | | | | | | |
|---------------------|----------|--------|----------|------|----------|----------|----------|-----|-----|-------|---|
| 90 PCB 122 | 326 | NotFnd | * | * | * | -0.00123 | -0.00123 | * | no | 1.418 | - |
| | PeCB 328 | 23.63 | * | no | * | | | * | | | |
| 91 PCB 114 | 326 | NotFnd | * | * | * | -0.00163 | -0.00163 | * | no | 1.076 | - |
| | PeCB 328 | 23.80 | * | no | * | | | * | | | |
| 92 PCB 105 | 326 | 24.36 | 11787 | 1.4 | 20202 | 0.020337 | -0.00168 | 30 | no | 1.04 | - |
| | PeCB 328 | 24.39 | 8415 | yes | * | | | 33 | | | |
| 93 PCB 127 | 326 | NotFnd | * | * | * | -0.00111 | -0.00111 | * | no | 1.583 | - |
| | PeCB 328 | 25.66 | * | no | * | | | * | | | |
| 94 PCB 126 | 326 | NotFnd | * | * | * | -0.00169 | -0.00169 | * | no | 1.037 | - |
| | PeCB 328 | 27.18 | * | no | * | | | * | | | |
| 95 PCB 155 | 360 | NotFnd | * | * | * | -0.00137 | -0.00137 | * | no | 1.079 | - |
| | HxCB 362 | 19.26 | * | no | * | | | * | | | |
| 96 PCB 152 | 360 | NotFnd | * | * | * | -0.00215 | -0.00215 | * | no | 0.686 | - |
| | HxCB 362 | 19.42 | * | no | * | | | * | | | |
| 97 PCB 150 | 360 | NotFnd | * | * | * | -0.00243 | -0.00243 | * | no | 0.606 | - |
| | HxCB 362 | 19.53 | * | no | * | | | * | | | |
| 98 PCB 136 | 360 | 19.79 | 2839 | 1.36 | 4922 | 0.012552 | -0.00224 | 14 | no | 0.659 | - |
| | HxCB 362 | 19.80 | 2083 | yes | * | | | 12 | | | |
| 99 PCB 145 | 360 | NotFnd | * | * | * | -0.00259 | -0.00259 | * | no | 0.57 | - |
| | HxCB 362 | 20.03 | * | no | * | | | * | | | |
| 100 PCB 148 | 360 | NotFnd | * | * | * | -0.003 | -0.003 | * | no | 0.491 | - |
| | HxCB 362 | 21.13 | * | no | * | | | * | | | |
| 101 PCB 151/135 | 360 | 21.61 | 9043 | 1.33 | 15869 | 0.060321 | -0.00334 | 34 | no | 0.442 | - |
| | HxCB 362 | 21.63 | 6826 | yes | * | | | 31 | | | |
| 102 PCB 154 | 360 | 21.82 | -1290.84 | 1.24 | -2331.84 | -0.0073 | -0.00279 | 8 | xL | 0.528 | - |
| | HxCB 362 | 21.82 | -1041 | OK | * | | | 6 | | | |
| 103 PCB 144 | 360 | 22.08 | -882.88 | 1.24 | -1594.88 | -0.00562 | -0.00314 | 5 | xL | 0.469 | - |
| | HxCB 362 | 22.06 | -712 | OK | * | | | 4 | | | |
| 104 PCB 147/149 | 360 | 22.37 | 26105 | 1.35 | 45427 | 0.114906 | -0.00525 | 78 | yes | 0.665 | - |
| | HxCB 362 | 22.36 | 19322 | yes | * | | | 71 | | | |
| 105 PCB 134/143 | 360 | NotFnd | * | * | * | -0.00589 | -0.00589 | * | no | 0.593 | - |
| | HxCB 362 | 22.61 | * | no | * | | | * | | | |
| 106 PCB 139/140 | 360 | NotFnd | * | * | * | -0.00524 | -0.00524 | * | no | 0.666 | - |
| | HxCB 362 | 22.88 | * | no | * | | | * | | | |
| 107 PCB 131 | 360 | NotFnd | * | * | * | -0.00647 | -0.00647 | * | no | 0.54 | - |
| | HxCB 362 | 23.06 | * | no | * | | | * | | | |
| 108 PCB 142 | 360 | NotFnd | * | * | * | -0.00579 | -0.00579 | * | no | 0.603 | - |
| | HxCB 362 | 23.19 | * | no | * | | | * | | | |
| 109 PCB 132 | 360 | 23.42 | 1936 | 1.31 | 3414 | 0.01086 | -0.00661 | 6 | no | 0.528 | - |
| | HxCB 362 | 23.44 | 1477 | yes | * | | | 6 | | | |
| 110 PCB 133 | 360 | 23.85 | 1176 | 1.49 | 1965 | -0.00555 | -0.00555 | * | no | 0.629 | - |
| | HxCB 362 | 23.84 | 789 | no | * | | | * | | | |
| 111 PCB 165 | 360 | NotFnd | * | * | * | -0.00475 | -0.00475 | * | no | 0.735 | - |
| | HxCB 362 | 24.15 | * | no | * | | | * | | | |
| 112 PCB 146 | 360 | 24.41 | 9928 | 1.38 | 17123 | 0.040241 | -0.00488 | 26 | yes | 0.715 | - |
| | HxCB 362 | 24.39 | 7195 | yes | * | | | 25 | | | |
| 113 PCB 161 | 360 | NotFnd | * | * | * | -0.00404 | -0.00404 | * | no | 0.864 | - |
| | HxCB 362 | 24.50 | * | no | * | | | * | | | |
| 114 PCB 153/168 | 360 | 24.97 | 60655 | 1.26 | 108641 | 0.233228 | -0.00446 | 161 | no | 0.783 | - |
| | HxCB 362 | 24.97 | 47986 | yes | * | | | 164 | | | |
| 115 PCB 141 | 360 | NotFnd | * | * | * | -0.00539 | -0.00539 | * | no | 0.648 | - |
| | HxCB 362 | 25.11 | * | no | * | | | * | | | |
| 116 PCB 130 | 360 | 25.53 | 1602 | 1.1 | 3058 | 0.008849 | -0.00601 | 4 | yes | 0.581 | - |
| | HxCB 362 | 25.49 | 1455 | yes | * | | | 5 | | | |
| 117 PCB 137 | 360 | NotFnd | * | * | * | -0.00605 | -0.00605 | * | no | 0.577 | - |
| | HxCB 362 | 25.69 | * | no | * | | | * | | | |
| 118 PCB 164 | 360 | NotFnd | * | * | * | -0.00439 | -0.00439 | * | no | 0.796 | - |
| | HxCB 362 | 25.81 | * | no | * | | | * | | | |
| 119 PCB 138/163/129 | 360 | 26.10 | 35592 | 1.3 | 63007 | 0.161195 | -0.00532 | 94 | no | 0.657 | - |
| | HxCB 362 | 26.09 | 27415 | yes | * | | | 89 | | | |
| 120 PCB 180 | 360 | NotFnd | * | * | * | -0.00502 | -0.00502 | * | no | 0.695 | - |
| | HxCB 362 | 26.27 | * | no | * | | | * | | | |
| 121 PCB 158 | 360 | 26.48 | 2904 | 1.22 | 5286 | 0.010185 | -0.004 | 7 | no | 0.872 | - |
| | HxCB 362 | 26.44 | 2382 | yes | * | | | 7 | | | |
| 122 PCB 128/166 | 360 | 27.29 | 3989 | 1.33 | 6979 | 0.016771 | -0.00499 | 9 | no | 0.7 | - |
| | HxCB 362 | 27.25 | 2990 | yes | * | | | 9 | | | |
| 123 PCB 159 | 360 | NotFnd | * | * | * | -0.00096 | -0.00096 | * | no | 1.501 | - |
| | HxCB 362 | 28.24 | * | no | * | | | * | | | |
| 124 PCB 162 | 360 | NotFnd | * | * | * | -0.00107 | -0.00107 | * | no | 1.338 | - |
| | HxCB 362 | 28.50 | * | no | * | | | * | | | |
| 125 PCB 167 | 360 | 29.00 | 2080 | 1.17 | 3854 | 0.005364 | -0.00151 | 11 | no | 0.951 | - |
| | HxCB 362 | 28.99 | 1773 | yes | * | | | 11 | | | |
| 126 PCB 156/157 | 360 | 30.12 | 2372 | 1.22 | 4312 | 0.006492 | -0.00139 | 10 | no | 1.036 | - |
| | HxCB 362 | 30.15 | 1940 | yes | * | | | 12 | | | |
| 127 PCB 169 | 360 | NotFnd | * | * | * | -0.00148 | -0.00148 | * | no | 0.973 | - |
| | HxCB 362 | 33.53 | * | no | * | | | * | | | |
| 128 PCB 188 | 394 | NotFnd | * | * | * | -0.00168 | -0.00168 | * | no | 1.053 | - |
| | HpCB 396 | 23.77 | * | no | * | | | * | | | |
| 129 PCB 179 | 394 | 24.07 | -2542.05 | 1.05 | -4963.05 | -0.01296 | -0.0018 | 16 | xL | 0.98 | - |
| | HpCB 396 | 24.05 | -2421 | OK | * | | | 14 | | | |
| 130 PCB 184 | 394 | NotFnd | * | * | * | -0.00196 | -0.00196 | * | no | 0.904 | - |
| | HpCB 396 | 24.55 | * | no | * | | | * | | | |
| 131 PCB 176 | 394 | 24.85 | 697 | 0.94 | 1438 | 0.00392 | -0.00188 | 4 | yes | 0.939 | - |
| | HpCB 396 | 24.86 | 741 | yes | * | | | 4 | | | |
| 132 PCB 186 | 394 | NotFnd | * | * | * | -0.00215 | -0.00215 | * | no | 0.822 | - |
| | HpCB 396 | 25.26 | * | no | * | | | * | | | |
| 133 PCB 178 | 394 | 26.51 | 1637 | 1.07 | 3168 | 0.01224 | -0.00267 | 8 | no | 0.663 | - |
| | HpCB 396 | 26.52 | 1531 | yes | * | | | 8 | | | |
| 134 PCB 175 | 394 | NotFnd | * | * | * | -0.00254 | -0.00254 | * | no | 0.695 | - |
| | HpCB 396 | 27.12 | * | no | * | | | * | | | |
| 135 PCB 187 | 394 | 27.38 | 8916 | 1 | 17878 | 0.070737 | -0.00273 | 44 | no | 0.847 | - |
| | HpCB 396 | 27.38 | 8962 | yes | * | | | 47 | | | |
| 136 PCB 182 | 394 | NotFnd | * | * | * | -0.00263 | -0.00263 | * | no | 0.673 | - |
| | HpCB 396 | 27.59 | * | no | * | | | * | | | |

| | | | | | | | | | | | | |
|-----|---------------|----------|--------|---------|------|---------|----------|-------------|------|-----|-------|-----|
| 137 | PCB 183 | 394 | 27.98 | 4589 | 1.01 | 9139 | 0.020554 | -0.00147 | 42 | yes | 1.138 | - |
| | | HpCB 396 | 27.95 | 4550 | yes | | | -0.00225 | 40 | | | |
| 138 | PCB 185 | 394 | NotFnd | * | * | * | -0.00225 | * | * | no | 0.743 | - |
| | | HpCB 396 | 28.04 | * | no | * | | -0.00193 | * | no | 0.867 | - |
| 139 | PCB 174 | 394 | NotFnd | * | * | * | -0.00193 | * | * | | | |
| | | HpCB 396 | 28.17 | * | no | * | | -0.00191 | 30 | xL | 0.874 | - |
| 140 | PCB 177 | 394 | 28.62 | -2891.7 | 1.05 | -5645.7 | -0.01653 | PCB 177 NDR | 27 | | | |
| | | HpCB 396 | 28.64 | -2754 | OK | * | | -0.00196 | * | no | 0.85 | - |
| 141 | PCB 181 | 394 | NotFnd | * | * | * | -0.00196 | * | * | | | |
| | | HpCB 396 | 29.02 | * | no | * | | -0.00191 | 9 | yes | 0.875 | - |
| 142 | PCB 171/173 | 394 | 29.27 | 1259 | 1.15 | 2353 | 0.006885 | | 11 | | | |
| | | HpCB 396 | 29.24 | 1094 | yes | * | | -0.00193 | * | no | 0.866 | - |
| 143 | PCB 172 | 394 | NotFnd | * | * | * | -0.00193 | * | * | | | |
| | | HpCB 396 | 30.88 | * | no | * | | -0.00171 | * | no | 0.979 | - |
| 144 | PCB 192 | 394 | NotFnd | * | * | * | -0.00171 | * | * | | | |
| | | HpCB 396 | 31.20 | * | no | * | | -0.00125 | 34 | no | 1.333 | - |
| 145 | PCB 193/180 | 394 | 31.58 | 4057 | 1.13 | 7633 | 0.019285 | | 28 | | | |
| | | HpCB 396 | 31.54 | 3578 | yes | * | | -0.00145 | * | no | 1.152 | - |
| 146 | PCB 191 | 394 | NotFnd | * | * | * | -0.00145 | * | * | | | |
| | | HpCB 396 | 31.92 | * | no | * | | -0.00138 | * | no | 1.206 | - |
| 147 | PCB 170 | 394 | NotFnd | * | * | * | -0.00138 | * | * | | | |
| | | HpCB 396 | 32.88 | * | no | * | | -0.00153 | * | no | 1.089 | - |
| 148 | PCB 190 | 394 | NotFnd | * | * | * | -0.00153 | * | * | | | |
| | | HpCB 396 | 33.44 | * | no | * | | -0.00152 | * | no | 0.91 | - |
| 149 | PCB 189 | 394 | NotFnd | * | * | * | -0.00152 | * | * | | | |
| | | HpCB 396 | 36.29 | * | no | * | | -0.00922 | * | no | 1.08 | - |
| 150 | PCB 202 | 428 | NotFnd | * | * | * | -0.00922 | * | * | | | |
| | | OcCB 430 | 28.72 | * | no | * | | -0.00902 | * | no | 1.104 | - |
| 151 | PCB 201 | 428 | NotFnd | * | * | * | -0.00902 | * | * | | | |
| | | OcCB 430 | 29.64 | * | no | * | | -0.00907 | * | no | 1.098 | - |
| 152 | PCB 204 | 428 | NotFnd | * | * | * | -0.00907 | * | * | | | |
| | | OcCB 430 | 30.33 | * | no | * | | -0.01039 | * | no | 0.959 | - |
| 153 | PCB 197 | 428 | NotFnd | * | * | * | -0.01039 | * | * | | | |
| | | OcCB 430 | 30.56 | * | no | * | | -0.00884 | * | no | 1.126 | - |
| 154 | PCB 200 | 428 | NotFnd | * | * | * | -0.00884 | * | * | | | |
| | | OcCB 430 | 30.64 | * | no | * | | -0.01357 | * | no | 0.734 | - |
| 155 | PCB 198/199 | 428 | NotFnd | * | * | * | -0.01357 | * | * | | | |
| | | OcCB 430 | 33.57 | * | no | * | | -0.01292 | * | no | 0.771 | - |
| 156 | PCB 196 | 428 | NotFnd | * | * | * | -0.01292 | * | * | | | |
| | | OcCB 430 | 34.31 | * | no | * | | -0.01381 | * | no | 0.721 | - |
| 157 | PCB 203 | 428 | NotFnd | * | * | * | -0.01381 | * | * | | | |
| | | OcCB 430 | 34.54 | * | no | * | | -0.00412 | * | no | 0.97 | - |
| 158 | PCB 195 | 428 | NotFnd | * | * | * | -0.00412 | * | * | | | |
| | | OcCB 430 | 35.95 | * | no | * | | -0.00386 | * | no | 1.035 | - |
| 159 | PCB 194 | 428 | NotFnd | * | * | * | -0.00386 | * | * | | | |
| | | OcCB 430 | 38.57 | * | no | * | | -0.00284 | * | no | 1.071 | - |
| 160 | PCB 205 | 428 | NotFnd | * | * | * | -0.00284 | * | * | | | |
| | | OcCB 430 | 39.16 | * | no | * | | -0.00329 | * | no | 1.082 | - |
| 161 | PCB 208 | 462 | NotFnd | * | * | * | -0.00329 | * | * | | | |
| | | NoCB 464 | 35.75 | * | no | * | | -0.00269 | * | no | 1.324 | - |
| 162 | PCB 207 | 462 | NotFnd | * | * | * | -0.00269 | * | * | | | |
| | | NoCB 464 | 36.79 | * | no | * | | -0.0033 | * | no | 1.077 | - |
| 163 | PCB 206 | 462 | NotFnd | * | * | * | -0.0033 | * | * | | | |
| | | NoCB 464 | 41.10 | * | no | * | | -0.00338 | * | no | 1.024 | - |
| 164 | PCB 209 | 498 | NotFnd | * | * | * | -0.00338 | * | * | | | |
| | | DCB 500 | 42.98 | * | no | * | | 0.001 | 1532 | no | 0.821 | 44 |
| 165 | PCB 1L | 200 | 8.83 | 113936 | 3.33 | 148183 | 0.086164 | | 222 | | | |
| | | 202 | 8.83 | 34246 | yes | * | | 0.001 | 1771 | no | 0.828 | 47 |
| 166 | PCB 3L | 200 | 10.01 | 123532 | 3.39 | 159973 | 0.09229 | | 253 | | | |
| | | 202 | 10.01 | 38440 | yes | * | | 0.002 | 274 | no | 0.282 | 58 |
| 167 | PCB 4L | 234 | 10.13 | 40749 | 1.57 | 66685 | 0.113097 | | 400 | | | |
| | | 236 | 10.11 | 25936 | yes | * | | 0 | 829 | no | 1.064 | 69 |
| 168 | PCB 15L | 234 | 12.73 | 188725 | 1.68 | 300924 | 0.135082 | | 848 | | | |
| | | 236 | 12.73 | 112199 | yes | * | | 0.006 | 103 | no | 0.345 | 66 |
| 169 | PCB 19L | 268 | 11.49 | 46719 | 1 | 93483 | 0.129318 | | 50 | | | |
| | | 270 | 11.49 | 46783 | yes | * | | 0.003 | 180 | no | 2.614 | 83 |
| 170 | PCB 37L | 268 | 16.36 | 173503 | 1.08 | 334127 | 0.160661 | | 124 | | | |
| | | 270 | 16.36 | 160624 | yes | * | | 0.001 | 306 | no | 0.758 | 86 |
| 171 | PCB 54L | 302 | 12.85 | 44538 | 0.79 | 101185 | 0.167771 | | 842 | | | |
| | | 304 | 12.85 | 56647 | yes | * | | 0.001 | 407 | no | 1.876 | 74 |
| 172 | PCB 81L | 302 | 20.98 | 94728 | 0.8 | 213461 | 0.143013 | | 686 | | | |
| | | 304 | 20.98 | 118733 | yes | * | | 0.001 | 399 | no | 1.799 | 72 |
| 173 | PCB 77L | 302 | 21.41 | 91524 | 0.83 | 201773 | 0.140981 | | 631 | | | |
| | | 304 | 21.43 | 110248 | yes | * | | 0 | 2789 | no | 0.967 | 95 |
| 174 | PCB 104L | 338 | 15.63 | 65968 | 1.58 | 107759 | 0.184952 | | 1602 | | | |
| | | 340 | 15.62 | 41791 | yes | * | | 0 | 1373 | no | 2.293 | 78 |
| 175 | PCB 123L | 338 | 23.03 | 129102 | 1.62 | 208898 | 0.151145 | | 1045 | | | |
| | | 340 | 23.03 | 79796 | yes | * | | 0 | 1258 | no | 2.203 | 76 |
| 176 | PCB 118L | 338 | 23.30 | 121868 | 1.66 | 195115 | 0.146943 | | 965 | | | |
| | | 340 | 23.30 | 73247 | yes | * | | 0 | 1207 | no | 2.049 | 76 |
| 177 | PCB 114L | 338 | 23.78 | 115806 | 1.71 | 183597 | 0.148653 | | 889 | | | |
| | | 340 | 23.78 | 67791 | yes | * | | 0 | 1182 | no | 2.114 | 75 |
| 178 | PCB 105L | 338 | 24.34 | 115620 | 1.65 | 185715 | 0.145767 | | 898 | | | |
| | | 340 | 24.34 | 70095 | yes | * | | 0 | 843 | no | 2.077 | 57 |
| 179 | PCB 126L | 338 | 27.16 | 86555 | 1.63 | 139645 | 0.11156 | | 648 | | | |
| | | 340 | 27.15 | 53091 | yes | * | | 0 | 3945 | no | 1.056 | 127 |
| 180 | PCB 155L | 372 | 19.25 | 66078 | 1.26 | 118312 | 0.246698 | | 2553 | | | |
| | | 374 | 19.24 | 52234 | yes | * | | 0 | 1077 | no | 2.269 | 73 |
| 181 | PCB 167L | 372 | 28.96 | 83324 | 1.31 | 146906 | 0.142633 | | 905 | | | |
| | | 374 | 28.99 | 63582 | yes | * | | 0 | 1531 | no | 2.075 | 68 |
| 182 | PCB 156L/157L | 372 | 30.12 | 143269 | 1.35 | 249430 | 0.26481 | | 1250 | | | |
| | | 374 | 30.14 | 106161 | yes | * | | 0 | 528 | no | 2.142 | 39 |
| 183 | PCB 169L | 372 | 33.50 | 40515 | 1.25 | 72840 | 0.074884 | | 441 | | | |
| | | 374 | 33.47 | 32324 | yes | * | | | | | | |

| | | | | | | | | | | | |
|-----------------------|-----|--------|---------|------|---------|----------|-------|----------|----|-------|-----|
| 184 PCB 188L | 406 | 23.75 | 53415 | 1.08 | 103034 | 0.205672 | 0.001 | 955 | no | 1.103 | 106 |
| | 408 | 23.75 | 49619 | yes | | | | 964 | | | |
| 185 PCB 180L | 406 | 31.54 | 28136 | 0.95 | 57746 | 0.258341 | 0.001 | 688 | no | 1.219 | 133 |
| | 408 | 31.56 | 29610 | yes | | | | 1085 | | | |
| 186 PCB 170L | 406 | 32.85 | 25602 | 1.08 | 49390 | 0.246538 | 0.001 | 614 | no | 1.093 | 127 |
| | 408 | 32.87 | 23788 | yes | | | | 831 | | | |
| 187 PCB 189L | 406 | 36.25 | 46791 | 1 | 93695 | 0.210936 | 0.001 | 374 | no | 2.422 | 108 |
| | 408 | 36.23 | 46904 | yes | | | | 746 | | | |
| 188 PCB 202L | 440 | 28.69 | 15198 | 0.87 | 32654 | 0.178779 | 0.001 | 769 | no | 1.19 | 92 |
| | 442 | 28.71 | 17456 | yes | | | | 1359 | | | |
| 189 PCB 205L | 440 | 39.12 | 21421 | 0.99 | 43024 | 0.158798 | 0.001 | 830 | no | 1.478 | 82 |
| | 442 | 39.12 | 21603 | yes | | | | 575 | | | |
| 190 PCB 208L | 474 | 35.72 | 18974 | 0.79 | 42912 | 0.201895 | 0.001 | 790 | no | 1.159 | 104 |
| | 476 | 35.73 | 23937 | yes | | | | 433 | | | |
| 191 PCB 206L | 474 | 41.10 | 11674 | 0.89 | 24792 | 0.16608 | 0.002 | 461 | no | 0.814 | 85 |
| | 476 | 41.09 | 13118 | no | | | | 224 | | | |
| 192 PCB 209L | 510 | 42.94 | 11139 | 1.22 | 20274 | 0.146505 | 0.001 | 511 | no | 0.755 | 75 |
| | 512 | 42.94 | 9135 | yes | | | | 396 | | | |
| 193 PCB 28L | 268 | 14.15 | 216554 | 1.06 | 420457 | 0.190083 | 0.003 | 247 | no | 2.78 | 88 |
| PCB Cleanup Standard | 270 | 14.15 | 203903 | yes | | | | 174 | | | |
| 194 PCB 111L | 338 | 21.41 | 95072 | 1.63 | 153351 | 0.190987 | 0 | 2347 | no | 1.332 | 88 |
| PCB Cleanup Standard | 340 | 21.42 | 58279 | yes | | | | 2038 | | | |
| 195 PCB 178L | 406 | 26.50 | 33701 | 1.07 | 65135 | 0.220549 | 0.001 | 582 | no | 0.65 | 102 |
| PCB Cleanup Standard | 408 | 26.49 | 31435 | yes | | | | 581 | | | |
| 196 PCB 31L | 268 | NotFnd | * | * | * | | 0.003 | . | no | 2.775 | |
| PCB Audit Standard | 270 | 13.99 | * | no | | | | | | | |
| 197 PCB 95L | 338 | NotFnd | * | * | * | | 0 | | no | 0.967 | |
| PCB Audit Standard | 340 | 17.41 | * | no | | | | | | | |
| 198 PCB 153L | 372 | 24.95 | 1668 | 1.21 | 3046 | 0.005635 | 0 | 51 | no | 1.191 | 3 |
| PCB Audit Standard | 374 | 24.92 | 1378 | yes | | | | 56 | | | |
| 199 PCB 9L | 234 | 11.03 | 1418466 | 1.68 | 2262435 | 8.503558 | - | 6636 | no | - | - |
| PCB Recovery Standard | 236 | 11.03 | 843969 | yes | | | | 6763 | | | |
| 200 PCB 52L | 302 | 15.08 | 384198 | 0.81 | 859726 | 8.495487 | - | 2636 | no | - | - |
| PCB Recovery Standard | 304 | 15.08 | 475528 | yes | | | | 6230 | | | |
| 201 PCB 101L | 338 | 19.38 | 404898 | 1.64 | 651260 | 7.715398 | - | 10456 | no | - | - |
| PCB Recovery Standard | 340 | 19.40 | 246362 | yes | | | | 8829 | | | |
| 202 PCB 138L | 372 | 26.07 | 272763 | 1.25 | 490533 | 5.726914 | - | 8929 | no | - | - |
| PCB Recovery Standard | 374 | 26.09 | 217770 | yes | | | | 8197 | | | |
| 203 PCB 194L | 440 | 38.58 | 95508 | 0.93 | 198111 | 2.638607 | - | 3775 | no | - | - |
| PCB Recovery Standard | 442 | 38.61 | 102604 | yes | | | | 2690 | | | |
| Chlorobiphenyls | | | | | | -0.00135 | 0 | -0.00135 | | | |
| Dichlorobiphenyls | | | | | | 0.008749 | 1 | -0.02563 | | | |
| Trichlorobiphenyls | | | | | | 0.029875 | 6 | -0.00653 | | | |
| Tetrachlorobiphenyls | | | | | | 0.118163 | 11 | -0.00563 | | | |
| Pentachlorobiphenyls | | | | | | 0.414526 | 14 | -0.00251 | | | |
| Hexachlorobiphenyls | | | | | | 0.680964 | 12 | -0.00661 | | | |
| Heptachlorobiphenyls | | | | | | 0.133621 | 6 | -0.00273 | | | |
| Octachlorobiphenyls | | | | | | -0.01381 | 0 | -0.01381 | | | |
| Nonachlorobiphenyls | | | | | | -0.0033 | 0 | -0.0033 | | | |
| Decachlorobiphenyl | | | | | | -0.00338 | 0 | -0.00338 | | | |
| PCB (total) | | | | | | 1.385898 | | | | | |

Ratio Fail-FLAG

BV
2/16/14

* Initial Data *

HIGH RES.

BY 2/16/2014

Filename M2161205B11
Acquired 12/06/2016 4:00 Call File m2161205B_209

Sample ID DIS275-01R
Comments
Instrument File Ultima 3
Sample Size 10.283 Dil Fac 1.00

| Name | mass | RT | Area | ratio | Tot Area | ng/g | Code | Isomers | DL | S/N | Mod | rrf | Rec |
|--------------|-----------|--------|-------|-------|----------|----------|------|---------|----------|-----|-----|-------|-----|
| 1 PCB 1 | 188 | NotFnd | * | * | * | -0.00133 | | | -0.00133 | * | no | 1.296 | - |
| | MoCB 190 | 8.83 | * | no | * | | | | * | * | | | |
| 2 PCB 2 | 188 | NotFnd | * | * | * | -0.00102 | | | -0.00102 | * | no | 1.697 | - |
| | MoCB 190 | 9.93 | * | no | * | | | | * | * | | | |
| 3 PCB 3 | 188 | NotFnd | * | * | * | -0.00135 | | | -0.00135 | * | no | 1.276 | - |
| | MoCB 190 | 10.01 | * | no | * | | | | * | * | | | |
| 4 PCB 4 | 222 | NotFnd | * | * | * | -0.02165 | | | -0.02165 | * | no | 1.188 | - |
| | DICB 224 | 10.13 | * | no | * | | | | * | * | | | |
| 5 PCB 10 | 222 | NotFnd | * | * | * | -0.02563 | | | -0.02563 | * | no | 1.002 | - |
| | DICB 224 | 10.22 | * | no | * | | | | * | * | | | |
| 6 PCB 9 | 222 | NotFnd | * | * | * | -0.00589 | | | -0.00589 | * | no | 2.318 | - |
| | DICB 224 | 11.02 | * | no | * | | | | * | * | | | |
| 7 PCB 7 | 222 | NotFnd | * | * | * | -0.00678 | | | -0.00678 | * | no | 2.015 | - |
| | DICB 224 | 11.10 | * | no | * | | | | * | * | | | |
| 8 PCB 6 | 222 | NotFnd | * | * | * | -0.00599 | | | -0.00599 | * | no | 2.278 | - |
| | DICB 224 | 11.20 | * | no | * | | | | * | * | | | |
| 9 PCB 5 | 222 | NotFnd | * | * | * | -0.00766 | | | -0.00766 | * | no | 1.783 | - |
| | DICB 224 | 11.32 | * | no | * | | | | * | * | | | |
| 10 PCB 8 | 222 | NotFnd | * | * | * | -0.00565 | | | -0.00565 | * | no | 2.416 | - |
| | DICB 224 | 11.38 | * | no | * | | | | * | * | | | |
| 11 PCB 14 | 222 | NotFnd | * | * | * | -0.00597 | | | -0.00597 | * | no | 2.288 | - |
| | DICB 224 | 12.08 | * | no | * | | | | * | * | | | |
| 12 PCB 11 | 222 | 12.44 | 10817 | 1.44 | 17992 | 0.008749 | | | -0.00627 | 74 | yes | 2.176 | - |
| | DICB 224 | 12.45 | 7375 | yes | * | | | | * | 3 | | | |
| 13 PCB 13/12 | 222 | NotFnd | * | * | * | -0.0069 | | | -0.0069 | * | no | 1.978 | - |
| | DICB 224 | 12.69 | * | no | * | | | | * | * | | | |
| 14 PCB 15 | 222 | NotFnd | * | * | * | -0.0131 | | | -0.0131 | * | no | 1.042 | - |
| | DICB 224 | 12.73 | * | no | * | | | | * | * | | | |
| 15 PCB 19 | 256 | NotFnd | * | * | * | -0.00347 | | | -0.00347 | * | no | 1.156 | - |
| | TriCB 258 | 11.49 | * | no | * | | | | * | * | | | |
| 16 PCB 30/18 | 256 | 12.30 | 1653 | 1.29 | 2930 | -0.00464 | | | -0.00464 | * | yes | 0.864 | - |
| | TriCB 258 | 12.30 | 1277 | no | * | | | | * | * | | | |
| 17 PCB 17 | 256 | NotFnd | * | * | * | -0.0058 | | | -0.0058 | * | no | 0.691 | - |
| | TriCB 258 | 12.48 | * | no | * | | | | * | * | | | |
| 18 PCB 27 | 256 | NotFnd | * | * | * | -0.00399 | | | -0.00399 | * | no | 1.006 | - |
| | TriCB 258 | 12.60 | * | no | * | | | | * | * | | | |
| 19 PCB 24 | 256 | NotFnd | * | * | * | -0.005 | | | -0.005 | * | no | 0.802 | - |
| | TriCB 258 | 12.65 | * | no | * | | | | * | * | | | |
| 20 PCB 16 | 256 | NotFnd | * | * | * | -0.00653 | | | -0.00653 | * | no | 0.614 | - |
| | TriCB 258 | 12.71 | * | no | * | | | | * | * | | | |
| 21 PCB 32 | 256 | NotFnd | * | * | * | -0.00365 | | | -0.00365 | * | no | 1.1 | - |
| | TriCB 258 | 12.93 | * | no | * | | | | * | * | | | |
| 22 PCB 34 | 256 | NotFnd | * | * | * | -0.00117 | | | -0.00117 | * | no | 2.11 | - |
| | TriCB 258 | 13.52 | * | no | * | | | | * | * | | | |
| 23 PCB 23 | 256 | NotFnd | * | * | * | -0.00132 | | | -0.00132 | * | no | 1.864 | - |
| | TriCB 258 | 13.61 | * | no | * | | | | * | * | | | |
| 24 PCB 26/29 | 256 | 13.74 | 1729 | 1.06 | 3364 | 0.001437 | | | -0.00116 | 4 | no | 2.13 | - |
| | TriCB 258 | 13.76 | 1634 | yes | * | | | | * | 4 | | | |
| 25 PCB 25 | 256 | 13.86 | 880 | 1.1 | 1684 | -0.00117 | | | -0.00117 | * | yes | 2.103 | - |
| | TriCB 258 | 13.84 | 803 | no | * | | | | * | * | | | |
| 26 PCB 31 | 256 | 14.01 | 7854 | 1 | 15715 | 0.006492 | | | -0.00112 | 21 | no | 2.202 | - |
| | TriCB 258 | 14.00 | 7881 | yes | * | | | | * | 21 | | | |
| 27 PCB 28/20 | 256 | 14.17 | 16164 | 1.03 | 31861 | 0.014708 | | | -0.00125 | 41 | no | 1.971 | - |
| | TriCB 258 | 14.16 | 15697 | yes | * | | | | * | 40 | | | |
| 28 PCB 21/33 | 256 | 14.29 | 3392 | 1.06 | 6589 | 0.002985 | | | -0.00123 | 8 | no | 2.008 | - |
| | TriCB 258 | 14.26 | 3197 | yes | * | | | | * | 8 | | | |
| 29 PCB 22 | 256 | 14.49 | 1687 | 1.14 | 3163 | 0.001636 | | | -0.0014 | 4 | no | 1.758 | - |
| | TriCB 258 | 14.46 | 1476 | yes | * | | | | * | 4 | | | |
| 30 PCB 36 | 256 | NotFnd | * | * | * | -0.00105 | | | -0.00105 | * | no | 2.334 | - |
| | TriCB 258 | 15.29 | * | no | * | | | | * | * | | | |
| 31 PCB 39 | 256 | NotFnd | * | * | * | -0.00128 | | | -0.00128 | * | no | 1.922 | - |
| | TriCB 258 | 15.51 | * | no | * | | | | * | * | | | |
| 32 PCB 38 | 256 | NotFnd | * | * | * | -0.00125 | | | -0.00125 | * | no | 1.971 | - |
| | TriCB 258 | 15.86 | * | no | * | | | | * | * | | | |
| 33 PCB 35 | 256 | NotFnd | * | * | * | -0.00122 | | | -0.00122 | * | no | 2.017 | - |
| | TriCB 258 | 16.13 | * | no | * | | | | * | * | | | |
| 34 PCB 37 | 256 | 16.37 | 2166 | 0.96 | 4428 | 0.002617 | | | -0.0025 | 6 | no | 0.985 | - |
| | TriCB 258 | 16.37 | 2282 | yes | * | | | | * | 6 | | | |
| 35 PCB 54 | 290 | NotFnd | * | * | * | -0.00135 | | | -0.00135 | * | no | 1.02 | - |
| | TCB 292 | 12.88 | * | no | * | | | | * | * | | | |
| 36 PCB 53/50 | 290 | 13.88 | 1290 | 0.77 | 2961 | 0.003839 | | | -0.00347 | 5 | no | 0.872 | - |
| | TCB 292 | 13.89 | 1672 | yes | * | | | | * | 4 | | | |
| 37 PCB 45/51 | 290 | 14.22 | 478 | 0.8 | 1075 | -0.00366 | | | -0.00366 | * | yes | 0.826 | - |
| | TCB 292 | 14.24 | 597 | no | * | | | | * | * | | | |
| 38 PCB 46 | 290 | NotFnd | * | * | * | -0.00416 | | | -0.00416 | * | no | 0.727 | - |
| | TCB 292 | 14.39 | * | no | * | | | | * | * | | | |
| 39 PCB 52 | 290 | 15.10 | 11052 | 0.8 | 24945 | 0.031144 | | | -0.00334 | 37 | no | 0.905 | - |
| | TCB 292 | 15.10 | 13893 | yes | * | | | | * | 35 | | | |
| 40 PCB 73 | 290 | NotFnd | * | * | * | -0.00271 | | | -0.00271 | * | no | 1.116 | - |
| | TCB 292 | 15.18 | * | no | * | | | | * | * | | | |
| 41 PCB 43 | 290 | NotFnd | * | * | * | -0.00563 | | | -0.00563 | * | no | 0.537 | - |
| | TCB 292 | 15.25 | * | no | * | | | | * | * | | | |
| 42 PCB 69/49 | 290 | 15.37 | 3174 | 0.88 | 6793 | 0.007861 | | | -0.0031 | 10 | no | 0.976 | - |
| | TCB 292 | 15.37 | 3618 | yes | * | | | | * | 9 | | | |

| | | | | | | | | | | | | |
|--------------------------|----------|--------|----------|------|----------|----------|----------------------|----------|-----|-----|-------|---|
| 43 PCB 48 | 290 | 15.55 | -1246 | 0.77 | -2884.18 | -0.00424 | PCB 48 NDR | -0.00395 | 4 | xL | 0.765 | - |
| | TCB 292 | 15.55 | -1618.18 | OK | | | | | 5 | | | |
| 44 PCB 44/47/65 | 290 | 15.68 | 8889 | 0.8 | 20056 | 0.025678 | | -0.00343 | 23 | no | 0.883 | - |
| | TCB 292 | 15.70 | 11167 | yes | | | | | 22 | | | |
| 45 PCB 59/62/75 | 290 | 15.87 | 1107 | 0.94 | 2281 | -0.00274 | | -0.00274 | * | yes | 1.105 | - |
| | TCB 292 | 15.87 | 1174 | no | | | | | * | | | |
| 46 PCB 42 | 290 | 15.98 | 978 | 0.75 | 2282 | -0.00422 | | -0.00422 | * | yes | 0.717 | - |
| | TCB 292 | 15.98 | 1304 | no | | | | | * | | | |
| 47 PCB 40/41/71 | 290 | 16.25 | 2551 | 0.71 | 6147 | 0.008655 | | -0.00377 | 7 | no | 0.803 | - |
| | TCB 292 | 16.27 | 3596 | yes | | | | | 7 | | | |
| 48 PCB 64 | 290 | 16.39 | 1110 | 0.93 | 2306 | -0.00293 | | -0.00293 | * | no | 1.034 | - |
| | TCB 292 | 16.41 | 1196 | no | | | | | * | | | |
| 49 PCB 72 | 290 | 16.88 | 543 | 0.75 | 1268 | 0.00071 | | -0.00071 | 3 | yes | 2.019 | - |
| | TCB 292 | 16.89 | 725 | yes | | | | | 3 | | | |
| 50 PCB 68 | 290 | 17.06 | -652.96 | 0.77 | -1500.96 | -0.0009 | PCB 68 NDR | -0.00075 | 4 | xL | 1.893 | - |
| | TCB 292 | 17.06 | -848 | OK | | | | | 3 | | | |
| 51 PCB 57 | 290 | NotFnd | * | * | * | -0.00073 | | -0.00073 | * | no | 1.963 | - |
| | TCB 292 | 17.35 | * | no | | | | | * | | | |
| 52 PCB 58 | 290 | NotFnd | * | * | * | -0.00081 | | -0.00081 | * | no | 1.762 | - |
| | TCB 292 | 17.50 | * | no | | | | | * | | | |
| 53 PCB 67 | 290 | NotFnd | * | * | * | -0.00068 | | -0.00068 | * | no | 2.107 | - |
| | TCB 292 | 17.61 | * | no | | | | | * | | | |
| 54 PCB 63 | 290 | 17.78 | 714 | 0.7 | 1731 | 0.000969 | | -0.00071 | 4 | yes | 2.019 | - |
| | TCB 292 | 17.77 | 1017 | yes | | | | | 4 | | | |
| 55 PCB 61/70/74/76 | 290 | 18.00 | 21176 | 0.72 | 50718 | 0.031553 | | -0.00079 | 73 | no | 1.816 | - |
| | TCB 292 | 18.00 | 29542 | yes | | | | | 77 | | | |
| 56 PCB 66 | 290 | 18.22 | -10401 | 0.77 | -23908.8 | -0.01335 | PCB 66 NDR | -0.0007 | 51 | xL | 2.026 | - |
| | TCB 292 | 18.21 | -13507.8 | OK | | | | | 57 | | | |
| 57 PCB 55 | 290 | NotFnd | * | * | * | -0.00084 | | -0.00084 | * | no | 1.69 | - |
| | TCB 292 | 18.34 | * | no | | | | | * | | | |
| 58 PCB 56 | 290 | 18.68 | 1539 | 0.76 | 3568 | 0.002438 | | -0.00086 | 7 | no | 1.654 | - |
| | TCB 292 | 18.68 | 2029 | yes | | | | | 7 | | | |
| 59 PCB 60 | 290 | 18.85 | 2131 | 0.88 | 4541 | 0.003109 | | -0.00087 | 10 | no | 1.65 | - |
| | TCB 292 | 18.84 | 2409 | yes | | | | | 9 | | | |
| 60 PCB 80 | 290 | NotFnd | * | * | * | -0.00066 | | -0.00066 | * | no | 2.158 | - |
| | TCB 292 | 19.09 | * | no | | | | | * | | | |
| 61 PCB 79 | 290 | NotFnd | * | * | * | -0.00068 | | -0.00068 | * | no | 2.095 | - |
| | TCB 292 | 20.23 | * | no | | | | | * | | | |
| 62 PCB 78 | 290 | NotFnd | * | * | * | -0.00077 | | -0.00077 | * | no | 1.857 | - |
| | TCB 292 | 20.67 | * | no | | | | | * | | | |
| 63 PCB 81 | 290 | NotFnd | * | * | * | -0.00122 | | -0.00122 | * | no | 1.167 | - |
| | TCB 292 | 20.98 | * | no | | | | | * | | | |
| 64 PCB 77 | 290 | 21.43 | 1296 | 0.87 | 2783 | 0.002207 | | -0.00117 | 6 | no | 1.216 | - |
| | TCB 292 | 21.43 | 1488 | yes | | | | | 5 | | | |
| 65 PCB 104 | 326 | NotFnd | * | * | * | -0.00123 | | -0.00123 | * | no | 1.188 | - |
| | PeCB 328 | 15.65 | * | no | | | | | * | | | |
| 66 PCB 96 | 326 | NotFnd | * | * | * | -0.00215 | | -0.00215 | * | no | 0.682 | - |
| | PeCB 328 | 15.87 | * | no | | | | | * | | | |
| 67 PCB 103 | 326 | 17.00 | 928 | 1.36 | 1610 | 0.002343 | | -0.00179 | 4 | yes | 0.759 | - |
| | PeCB 328 | 17.01 | 682 | yes | | | | | 5 | | | |
| 68 PCB 94 | 326 | NotFnd | * | * | * | -0.00245 | | -0.00245 | * | no | 0.555 | - |
| | PeCB 328 | 17.15 | * | no | | | | | * | | | |
| 69 PCB 95 | 326 | 17.42 | 15361 | 1.52 | 25491 | 0.040983 | | -0.00198 | 65 | no | 0.687 | - |
| | PeCB 328 | 17.44 | 10130 | yes | | | | | 66 | | | |
| 70 PCB 100/93/102/98 | 326 | 17.66 | -1680 | 1.55 | -2763.87 | -0.00489 | CB 100/93/102/98 NDR | -0.00219 | 4 | xL | 0.623 | - |
| | PeCB 328 | 17.59 | -1083.87 | OK | | | | | 6 | | | |
| 71 PCB 88/91 | 326 | 18.00 | 1333 | 1.74 | 2098 | 0.00369 | | -0.00217 | 5 | xL | 0.627 | - |
| | PeCB 328 | 17.98 | 765 | OK | | | | | 5 | | | |
| 72 PCB 84 | 326 | 18.15 | 1900 | 1.55 | 3123 | 0.006289 | | -0.00249 | 8 | no | 0.548 | - |
| | PeCB 328 | 18.15 | 1223 | yes | | | | | 8 | | | |
| 73 PCB 89 | 326 | NotFnd | * | * | * | -0.00226 | | -0.00226 | * | no | 0.604 | - |
| | PeCB 328 | 18.48 | * | no | | | | | * | | | |
| 74 PCB 121 | 326 | NotFnd | * | * | * | -0.00168 | | -0.00168 | * | no | 0.81 | - |
| | PeCB 328 | 18.73 | * | no | | | | | * | | | |
| 75 PCB 92 | 326 | 18.99 | 6347 | 1.59 | 10351 | 0.017883 | | -0.00213 | 25 | yes | 0.639 | - |
| | PeCB 328 | 18.99 | 4003 | yes | | | | | 25 | | | |
| 76 PCB 113/90/101 | 326 | 19.42 | 33348 | 1.49 | 55737 | 0.085907 | | -0.0019 | 126 | no | 0.716 | - |
| | PeCB 328 | 19.40 | 22389 | yes | | | | | 130 | | | |
| 77 PCB 83/99 | 326 | 19.84 | 25087 | 1.49 | 41923 | 0.079693 | | -0.00234 | 93 | no | 0.581 | - |
| | PeCB 328 | 19.84 | 16836 | yes | | | | | 95 | | | |
| 78 PCB 112 | 326 | NotFnd | * | * | * | -0.00158 | | -0.00158 | * | no | 0.863 | - |
| | PeCB 328 | 19.95 | * | no | | | | | * | | | |
| 79 PCB 109/119/86/97/125 | 326 | 20.22 | 9974 | 1.7 | 15841 | 0.024504 | | -0.00191 | 24 | yes | 0.714 | - |
| | PeCB 328 | 20.23 | 5867 | yes | | | | | 24 | | | |
| 80 PCB 117/116/85 | 326 | 20.78 | 5148 | 1.39 | 8848 | 0.012555 | | -0.00175 | 17 | no | 0.778 | - |
| | PeCB 328 | 20.81 | 3701 | yes | | | | | 20 | | | |
| 81 PCB 110/115 | 326 | 20.90 | 16310 | 1.5 | 27145 | 0.043202 | | -0.00196 | 56 | no | 0.694 | - |
| | PeCB 328 | 20.92 | 10835 | yes | | | | | 59 | | | |
| 82 PCB 82 | 326 | NotFnd | * | * | * | -0.00251 | | -0.00251 | * | no | 0.542 | - |
| | PeCB 328 | 21.17 | * | no | | | | | * | | | |
| 83 PCB 111 | 326 | NotFnd | * | * | * | -0.00176 | | -0.00176 | * | no | 0.772 | - |
| | PeCB 328 | 21.45 | * | no | | | | | * | | | |
| 84 PCB 120 | 326 | NotFnd | * | * | * | -0.00155 | | -0.00155 | * | no | 0.877 | - |
| | PeCB 328 | 21.82 | * | no | | | | | * | | | |
| 85 PCB 108/124 | 326 | 22.74 | 1614 | 1.53 | 2669 | 0.00198 | | -0.00118 | 4 | yes | 1.488 | - |
| | PeCB 328 | 22.73 | 1055 | yes | | | | | 4 | | | |
| 86 PCB 107 | 326 | 22.95 | 5246 | 1.54 | 8652 | 0.005743 | | -0.00105 | 14 | yes | 1.863 | - |
| | PeCB 328 | 22.94 | 3406 | yes | | | | | 14 | | | |
| 87 PCB 123 | 326 | NotFnd | * | * | * | -0.00185 | | -0.00185 | * | no | 0.947 | - |
| | PeCB 328 | 23.05 | * | no | | | | | * | | | |
| 88 PCB 106 | 326 | NotFnd | * | * | * | -0.00119 | | -0.00119 | * | no | 1.465 | - |
| | PeCB 328 | 23.17 | * | no | | | | | * | | | |
| 89 PCB 118 | 326 | 23.34 | 43091 | 1.46 | 72566 | 0.069417 | | -0.00168 | 115 | no | 1.042 | - |
| | PeCB 328 | 23.35 | 29474 | yes | | | | | 121 | | | |

| | | | | | | | | | | | | | |
|-----|-----------------|----------|--------|----------|------|----------|----------|-------------|----------|-----|-----|-------|---|
| 90 | PCB 122 | 326 | NotFnd | * | * | * | -0.00123 | | -0.00123 | * | no | 1.418 | - |
| | | PeCB 328 | 23.63 | * | no | * | | | | * | | | |
| 91 | PCB 114 | 326 | NotFnd | * | * | * | -0.00163 | | -0.00163 | * | no | 1.076 | - |
| | | PeCB 328 | 23.80 | * | no | * | | | | * | | | |
| 92 | PCB 105 | 326 | 24.36 | 11787 | 1.4 | 20202 | 0.020337 | | -0.00168 | 30 | no | 1.04 | - |
| | | PeCB 328 | 24.39 | 8415 | yes | * | | | | 33 | | | |
| 93 | PCB 127 | 326 | NotFnd | * | * | * | -0.00111 | | -0.00111 | * | no | 1.583 | - |
| | | PeCB 328 | 25.66 | * | no | * | | | | * | | | |
| 94 | PCB 126 | 326 | NotFnd | * | * | * | -0.00169 | | -0.00169 | * | no | 1.037 | - |
| | | PeCB 328 | 27.18 | * | no | * | | | | * | | | |
| 95 | PCB 155 | 360 | NotFnd | * | * | * | -0.00137 | | -0.00137 | * | no | 1.079 | - |
| | | HxCB 362 | 19.26 | * | no | * | | | | * | | | |
| 96 | PCB 152 | 360 | NotFnd | * | * | * | -0.00215 | | -0.00215 | * | no | 0.686 | - |
| | | HxCB 362 | 19.42 | * | no | * | | | | * | | | |
| 97 | PCB 150 | 360 | NotFnd | * | * | * | -0.00243 | | -0.00243 | * | no | 0.606 | - |
| | | HxCB 362 | 19.53 | * | no | * | | | | * | | | |
| 98 | PCB 136 | 360 | 19.79 | 2839 | 1.36 | 4922 | 0.012552 | | -0.00224 | 14 | no | 0.659 | - |
| | | HxCB 362 | 19.80 | 2083 | yes | * | | | | 12 | | | |
| 99 | PCB 145 | 360 | NotFnd | * | * | * | -0.00259 | | -0.00259 | * | no | 0.57 | - |
| | | HxCB 362 | 20.03 | * | no | * | | | | * | | | |
| 100 | PCB 148 | 360 | NotFnd | * | * | * | -0.003 | | -0.003 | * | no | 0.491 | - |
| | | HxCB 362 | 21.13 | * | no | * | | | | * | | | |
| 101 | PCB 151/135 | 360 | 21.61 | 9043 | 1.33 | 15869 | 0.060321 | | -0.00334 | 34 | no | 0.442 | - |
| | | HxCB 362 | 21.63 | 6826 | yes | * | | | | 31 | | | |
| 102 | PCB 154 | 360 | 21.82 | -1290.84 | 1.24 | -2331.84 | -0.0073 | PCB 154 NDR | -0.00279 | 8 | xL | 0.528 | - |
| | | HxCB 362 | 21.82 | -1041 | OK | * | | | | 6 | | | |
| 103 | PCB 144 | 360 | 22.08 | -882.88 | 1.24 | -1594.88 | -0.00562 | PCB 144 NDR | -0.00314 | 5 | xL | 0.469 | - |
| | | HxCB 362 | 22.06 | -712 | OK | * | | | | 4 | | | |
| 104 | PCB 147/149 | 360 | 22.37 | 26105 | 1.35 | 45427 | 0.114906 | | -0.00525 | 78 | yes | 0.665 | - |
| | | HxCB 362 | 22.36 | 19322 | yes | * | | | | 71 | | | |
| 105 | PCB 134/143 | 360 | NotFnd | * | * | * | -0.00589 | | -0.00589 | * | no | 0.593 | - |
| | | HxCB 362 | 22.61 | * | no | * | | | | * | | | |
| 106 | PCB 139/140 | 360 | NotFnd | * | * | * | -0.00524 | | -0.00524 | * | no | 0.666 | - |
| | | HxCB 362 | 22.88 | * | no | * | | | | * | | | |
| 107 | PCB 131 | 360 | NotFnd | * | * | * | -0.00647 | | -0.00647 | * | no | 0.54 | - |
| | | HxCB 362 | 23.06 | * | no | * | | | | * | | | |
| 108 | PCB 142 | 360 | NotFnd | * | * | * | -0.00579 | | -0.00579 | * | no | 0.603 | - |
| | | HxCB 362 | 23.19 | * | no | * | | | | * | | | |
| 109 | PCB 132 | 360 | 23.42 | 1936 | 1.31 | 3414 | 0.01086 | | -0.00661 | 6 | no | 0.528 | - |
| | | HxCB 362 | 23.44 | 1477 | yes | * | | | | 6 | | | |
| 110 | PCB 133 | 360 | 23.85 | 1176 | 1.49 | 1965 | -0.00555 | | -0.00555 | * | no | 0.629 | - |
| | | HxCB 362 | 23.84 | 789 | no | * | | | | * | | | |
| 111 | PCB 165 | 360 | NotFnd | * | * | * | -0.00475 | | -0.00475 | * | no | 0.735 | - |
| | | HxCB 362 | 24.15 | * | no | * | | | | * | | | |
| 112 | PCB 146 | 360 | 24.41 | 9928 | 1.38 | 17123 | 0.040241 | | -0.00488 | 26 | yes | 0.715 | - |
| | | HxCB 362 | 24.39 | 7195 | yes | * | | | | 25 | | | |
| 113 | PCB 161 | 360 | NotFnd | * | * | * | -0.00404 | | -0.00404 | * | no | 0.864 | - |
| | | HxCB 362 | 24.50 | * | no | * | | | | * | | | |
| 114 | PCB 153/168 | 360 | 24.97 | 60655 | 1.26 | 108641 | 0.233228 | | -0.00446 | 161 | no | 0.783 | - |
| | | HxCB 362 | 24.97 | 47986 | yes | * | | | | 164 | | | |
| 115 | PCB 141 | 360 | NotFnd | * | * | * | -0.00539 | | -0.00539 | * | no | 0.648 | - |
| | | HxCB 362 | 25.11 | * | no | * | | | | * | | | |
| 116 | PCB 130 | 360 | 25.53 | 1602 | 1.1 | 3058 | 0.008849 | | -0.00601 | 4 | yes | 0.581 | - |
| | | HxCB 362 | 25.49 | 1455 | yes | * | | | | 5 | | | |
| 117 | PCB 137 | 360 | NotFnd | * | * | * | -0.00605 | | -0.00605 | * | no | 0.577 | - |
| | | HxCB 362 | 25.69 | * | no | * | | | | * | | | |
| 118 | PCB 164 | 360 | NotFnd | * | * | * | -0.00439 | | -0.00439 | * | no | 0.796 | - |
| | | HxCB 362 | 25.81 | * | no | * | | | | * | | | |
| 119 | PCB 138/163/129 | 360 | 26.10 | 35592 | 1.3 | 63007 | 0.161195 | | -0.00532 | 94 | no | 0.657 | - |
| | | HxCB 362 | 26.09 | 27415 | yes | * | | | | 89 | | | |
| 120 | PCB 160 | 360 | NotFnd | * | * | * | -0.00502 | | -0.00502 | * | no | 0.695 | - |
| | | HxCB 362 | 26.27 | * | no | * | | | | * | | | |
| 121 | PCB 158 | 360 | 26.48 | 2904 | 1.22 | 5286 | 0.010185 | | -0.004 | 7 | no | 0.872 | - |
| | | HxCB 362 | 26.44 | 2382 | yes | * | | | | 7 | | | |
| 122 | PCB 128/166 | 360 | 27.29 | 3989 | 1.33 | 6979 | 0.016771 | | -0.00499 | 9 | no | 0.7 | - |
| | | HxCB 362 | 27.25 | 2990 | yes | * | | | | 9 | | | |
| 123 | PCB 159 | 360 | NotFnd | * | * | * | -0.00096 | | -0.00096 | * | no | 1.501 | - |
| | | HxCB 362 | 28.24 | * | no | * | | | | * | | | |
| 124 | PCB 162 | 360 | NotFnd | * | * | * | -0.00107 | | -0.00107 | * | no | 1.338 | - |
| | | HxCB 362 | 28.50 | * | no | * | | | | * | | | |
| 125 | PCB 167 | 360 | 29.00 | 2080 | 1.17 | 3854 | 0.005364 | | -0.00151 | 11 | no | 0.951 | - |
| | | HxCB 362 | 28.99 | 1773 | yes | * | | | | 11 | | | |
| 126 | PCB 156/157 | 360 | 30.12 | 2372 | 1.22 | 4312 | 0.006492 | | -0.00139 | 10 | no | 1.036 | - |
| | | HxCB 362 | 30.15 | 1940 | yes | * | | | | 12 | | | |
| 127 | PCB 169 | 360 | NotFnd | * | * | * | -0.00148 | | -0.00148 | * | no | 0.973 | - |
| | | HxCB 362 | 33.53 | * | no | * | | | | * | | | |
| 128 | PCB 188 | 394 | NotFnd | * | * | * | -0.00168 | | -0.00168 | * | no | 1.053 | - |
| | | HpCB 396 | 23.77 | * | no | * | | | | * | | | |
| 129 | PCB 179 | 394 | 24.07 | -2542.05 | 1.05 | -4963.05 | -0.01296 | PCB 179 NDR | -0.0018 | 16 | xL | 0.98 | - |
| | | HpCB 396 | 24.05 | -2421 | OK | * | | | | 14 | | | |
| 130 | PCB 184 | 394 | NotFnd | * | * | * | -0.00196 | | -0.00196 | * | no | 0.904 | - |
| | | HpCB 396 | 24.55 | * | no | * | | | | * | | | |
| 131 | PCB 176 | 394 | 24.85 | 697 | 0.94 | 1438 | 0.00392 | | -0.00188 | 4 | yes | 0.939 | - |
| | | HpCB 396 | 24.86 | 741 | yes | * | | | | 4 | | | |
| 132 | PCB 186 | 394 | NotFnd | * | * | * | -0.00215 | | -0.00215 | * | no | 0.822 | - |
| | | HpCB 396 | 25.26 | * | no | * | | | | * | | | |
| 133 | PCB 178 | 394 | 26.51 | 1637 | 1.07 | 3168 | 0.01224 | | -0.00267 | 8 | no | 0.663 | - |
| | | HpCB 396 | 26.52 | 1531 | yes | * | | | | 8 | | | |
| 134 | PCB 175 | 394 | NotFnd | * | * | * | -0.00254 | | -0.00254 | * | no | 0.695 | - |
| | | HpCB 396 | 27.12 | * | no | * | | | | * | | | |
| 135 | PCB 187 | 394 | 27.38 | 8916 | 1 | 17878 | 0.070737 | | -0.00273 | 44 | no | 0.647 | - |
| | | HpCB 396 | 27.38 | 8962 | yes | * | | | | 47 | | | |
| 136 | PCB 182 | 394 | NotFnd | * | * | * | -0.00263 | | -0.00263 | * | no | 0.673 | - |
| | | HpCB 396 | 27.59 | * | no | * | | | | * | | | |

| | | | | | | | | | | | |
|-------------------|----------|--------|---------|------|---------|----------|----------|------|-----|-------|-----|
| 137 PCB 183 | 394 | 27.98 | 4589 | 1.01 | 9139 | 0.020554 | -0.00147 | 42 | yes | 1.138 | - |
| | HpCB 396 | 27.95 | 4550 | yes | * | | -0.00225 | 40 | no | 0.743 | - |
| 138 PCB 185 | 394 | NotFnd | * | no | * | -0.00225 | -0.00225 | * | no | 0.867 | - |
| | HpCB 396 | 28.04 | * | no | * | -0.00193 | -0.00193 | * | no | 0.874 | - |
| 139 PCB 174 | 394 | NotFnd | * | no | * | -0.00193 | -0.00193 | * | no | 0.85 | - |
| | HpCB 396 | 28.17 | * | no | * | -0.00191 | -0.00191 | 30 | xL | 0.874 | - |
| 140 PCB 177 | 394 | 28.62 | -2891.7 | 1.05 | -5645.7 | -0.01653 | -0.00191 | 27 | no | 0.85 | - |
| | HpCB 396 | 28.64 | -2754 | OK | * | -0.00196 | -0.00196 | * | no | 0.85 | - |
| 141 PCB 181 | 394 | NotFnd | * | no | * | -0.00191 | -0.00191 | * | no | 0.875 | - |
| | HpCB 396 | 29.02 | * | no | * | -0.00191 | -0.00191 | 9 | yes | 0.875 | - |
| 142 PCB 171/173 | 394 | 29.27 | 1259 | 1.15 | 2353 | 0.006885 | -0.00191 | 11 | no | 0.866 | - |
| | HpCB 396 | 29.24 | 1094 | yes | * | -0.00193 | -0.00193 | * | no | 0.866 | - |
| 143 PCB 172 | 394 | NotFnd | * | no | * | -0.00171 | -0.00171 | * | no | 0.979 | - |
| | HpCB 396 | 30.88 | * | no | * | -0.00171 | -0.00171 | * | no | 0.979 | - |
| 144 PCB 192 | 394 | NotFnd | * | no | * | -0.00125 | -0.00125 | * | no | 1.333 | - |
| | HpCB 396 | 31.20 | * | no | * | -0.00125 | -0.00125 | 34 | no | 1.333 | - |
| 145 PCB 193/180 | 394 | 31.58 | 4057 | 1.13 | 7633 | 0.019285 | -0.00125 | 28 | no | 1.152 | - |
| | HpCB 396 | 31.54 | 3576 | yes | * | -0.00145 | -0.00145 | * | no | 1.152 | - |
| 146 PCB 191 | 394 | NotFnd | * | no | * | -0.00138 | -0.00138 | * | no | 1.206 | - |
| | HpCB 396 | 31.92 | * | no | * | -0.00138 | -0.00138 | * | no | 1.206 | - |
| 147 PCB 170 | 394 | NotFnd | * | no | * | -0.00153 | -0.00153 | * | no | 1.089 | - |
| | HpCB 396 | 32.88 | * | no | * | -0.00153 | -0.00153 | * | no | 1.089 | - |
| 148 PCB 190 | 394 | NotFnd | * | no | * | -0.00152 | -0.00152 | * | no | 0.91 | - |
| | HpCB 396 | 33.44 | * | no | * | -0.00152 | -0.00152 | * | no | 0.91 | - |
| 149 PCB 189 | 394 | NotFnd | * | no | * | -0.00183 | -0.00183 | * | yes | 1.08 | - |
| | HpCB 396 | 36.29 | * | no | * | -0.00183 | -0.00183 | 7 | yes | 1.08 | - |
| 150 PCB 202 | 428 | 28.74 | 886 | 0.94 | 1827 | 0.004684 | -0.00183 | 7 | no | 1.088 | - |
| | OcCB 430 | 28.75 | 941 | yes | * | -0.00182 | -0.00182 | * | no | 1.088 | - |
| 151 PCB 201 | 428 | NotFnd | * | no | * | -0.00183 | -0.00183 | * | no | 1.08 | - |
| | OcCB 430 | 29.67 | * | no | * | -0.00225 | -0.00225 | * | no | 0.88 | - |
| 152 PCB 204 | 428 | NotFnd | * | no | * | -0.00174 | -0.00174 | * | no | 1.141 | - |
| | OcCB 430 | 30.36 | * | no | * | -0.00225 | -0.00225 | * | no | 0.88 | - |
| 153 PCB 197 | 428 | NotFnd | * | no | * | -0.00287 | -0.00287 | * | no | 0.691 | - |
| | OcCB 430 | 30.59 | * | no | * | -0.00287 | -0.00287 | * | no | 0.691 | - |
| 154 PCB 200 | 428 | NotFnd | * | no | * | -0.00269 | -0.00269 | * | no | 0.736 | - |
| | OcCB 430 | 30.71 | * | no | * | -0.00269 | -0.00269 | * | no | 0.736 | - |
| 155 PCB 198/199 | 428 | NotFnd | * | no | * | -0.00278 | -0.00278 | * | no | 0.712 | - |
| | OcCB 430 | 33.61 | * | no | * | -0.00278 | -0.00278 | * | no | 0.712 | - |
| 156 PCB 196 | 428 | NotFnd | * | no | * | -0.00301 | -0.00301 | * | no | 1.012 | - |
| | OcCB 430 | 34.35 | * | no | * | -0.00301 | -0.00301 | * | no | 1.012 | - |
| 157 PCB 203 | 428 | NotFnd | * | no | * | -0.00287 | -0.00287 | * | no | 1.061 | - |
| | OcCB 430 | 34.64 | * | no | * | -0.00287 | -0.00287 | * | no | 1.061 | - |
| 158 PCB 195 | 428 | NotFnd | * | no | * | -0.00284 | -0.00284 | * | no | 1.071 | - |
| | OcCB 430 | 35.99 | * | no | * | -0.00284 | -0.00284 | * | no | 1.071 | - |
| 159 PCB 194 | 428 | NotFnd | * | no | * | -0.00329 | -0.00329 | * | no | 1.082 | - |
| | OcCB 430 | 38.61 | * | no | * | -0.00329 | -0.00329 | * | no | 1.082 | - |
| 160 PCB 205 | 428 | NotFnd | * | no | * | -0.00269 | -0.00269 | * | no | 1.324 | - |
| | OcCB 430 | 39.16 | * | no | * | -0.00269 | -0.00269 | * | no | 1.324 | - |
| 161 PCB 208 | 462 | NotFnd | * | no | * | -0.0033 | -0.0033 | * | no | 1.077 | - |
| | NoCB 464 | 35.75 | * | no | * | -0.0033 | -0.0033 | * | no | 1.077 | - |
| 162 PCB 207 | 462 | NotFnd | * | no | * | -0.00338 | -0.00338 | * | no | 1.024 | - |
| | NoCB 464 | 36.79 | * | no | * | -0.00338 | -0.00338 | * | no | 1.024 | - |
| 163 PCB 206 | 462 | NotFnd | * | no | * | 0.001 | 0.001 | 1532 | no | 0.821 | 44 |
| | NoCB 464 | 41.10 | * | no | * | 0.001 | 0.001 | 222 | no | 0.828 | 47 |
| 164 PCB 209 | 498 | NotFnd | * | no | * | 0.002 | 0.002 | 274 | no | 0.282 | 58 |
| | DCB 500 | 42.98 | * | no | * | 0 | 0 | 400 | no | 1.064 | 69 |
| 165 PCB 1L | 200 | 8.83 | 113936 | 3.33 | 148183 | 0.086164 | 0.001 | 829 | no | 1.064 | 69 |
| | 202 | 8.83 | 34246 | yes | * | 0.006 | 0.006 | 848 | no | 0.345 | 66 |
| 166 PCB 3L | 200 | 10.01 | 123532 | 3.39 | 159973 | 0.09229 | 0.001 | 103 | no | 2.614 | 83 |
| | 202 | 10.01 | 36440 | yes | * | 0.003 | 0.003 | 50 | no | 2.614 | 83 |
| 167 PCB 4L | 234 | 10.13 | 40749 | 1.57 | 66685 | 0.113097 | 0.001 | 180 | no | 0.758 | 86 |
| | 236 | 10.11 | 25936 | yes | * | 0.001 | 0.001 | 124 | no | 0.758 | 86 |
| 168 PCB 15L | 234 | 12.73 | 188725 | 1.68 | 300924 | 0.135082 | 0 | 306 | no | 1.876 | 74 |
| | 236 | 12.73 | 112199 | yes | * | 0.001 | 0.001 | 842 | no | 1.876 | 74 |
| 169 PCB 19L | 268 | 11.49 | 46719 | 1 | 93483 | 0.129318 | 0.001 | 407 | no | 1.876 | 74 |
| | 270 | 11.49 | 46763 | yes | * | 0.001 | 0.001 | 686 | no | 1.799 | 72 |
| 170 PCB 37L | 268 | 16.36 | 173503 | 1.08 | 334127 | 0.160661 | 0.001 | 399 | no | 1.799 | 72 |
| | 270 | 16.36 | 160624 | yes | * | 0 | 0 | 631 | no | 0.967 | 95 |
| 171 PCB 54L | 302 | 12.85 | 44538 | 0.79 | 101185 | 0.167771 | 0.001 | 2789 | no | 0.967 | 95 |
| | 304 | 12.85 | 56847 | yes | * | 0 | 0 | 1602 | no | 2.293 | 78 |
| 172 PCB 81L | 302 | 20.98 | 94728 | 0.8 | 213461 | 0.143013 | 0.001 | 1373 | no | 2.293 | 78 |
| | 304 | 20.98 | 118733 | yes | * | 0 | 0 | 1045 | no | 2.203 | 76 |
| 173 PCB 77L | 302 | 21.41 | 91524 | 0.83 | 201773 | 0.140981 | 0.001 | 1258 | no | 2.203 | 76 |
| | 304 | 21.43 | 110248 | yes | * | 0 | 0 | 955 | no | 2.049 | 76 |
| 174 PCB 104L | 338 | 15.63 | 65968 | 1.58 | 107759 | 0.184952 | 0 | 1207 | no | 2.049 | 76 |
| | 340 | 15.62 | 41791 | yes | * | 0 | 0 | 889 | no | 2.114 | 75 |
| 175 PCB 123L | 338 | 23.03 | 129102 | 1.62 | 208898 | 0.151145 | 0 | 1182 | no | 2.114 | 75 |
| | 340 | 23.03 | 79796 | yes | * | 0 | 0 | 898 | no | 2.077 | 57 |
| 176 PCB 118L | 338 | 23.30 | 121868 | 1.66 | 195115 | 0.146943 | 0 | 648 | no | 2.077 | 57 |
| | 340 | 23.30 | 73247 | yes | * | 0 | 0 | 3945 | no | 1.056 | 127 |
| 177 PCB 114L | 338 | 23.78 | 115806 | 1.71 | 183597 | 0.148653 | 0 | 2563 | no | 1.056 | 127 |
| | 340 | 23.78 | 67791 | yes | * | 0 | 0 | 1077 | no | 2.269 | 73 |
| 178 PCB 105L | 338 | 24.34 | 115620 | 1.65 | 185715 | 0.145767 | 0 | 905 | no | 2.269 | 73 |
| | 340 | 24.34 | 70095 | yes | * | 0 | 0 | 1531 | no | 2.075 | 68 |
| 179 PCB 126L | 338 | 27.16 | 86555 | 1.63 | 139645 | 0.11156 | 0 | 1250 | no | 2.075 | 68 |
| | 340 | 27.15 | 53091 | yes | * | 0 | 0 | 528 | no | 2.142 | 39 |
| 180 PCB 155L | 372 | 19.25 | 66078 | 1.26 | 118312 | 0.246698 | 0 | 441 | no | 2.142 | 39 |
| | 374 | 19.24 | 52234 | yes | * | 0 | 0 | 441 | no | 2.142 | 39 |
| 181 PCB 167L | 372 | 28.96 | 83324 | 1.31 | 146906 | 0.142633 | 0 | 441 | no | 2.142 | 39 |
| | 374 | 28.99 | 63582 | yes | * | 0 | 0 | 441 | no | 2.142 | 39 |
| 182 PCB 156L/157L | 372 | 30.12 | 143269 | 1.35 | 249430 | 0.26481 | 0 | 441 | no | 2.142 | 39 |
| | 374 | 30.14 | 106161 | yes | * | 0 | 0 | 441 | no | 2.142 | 39 |
| 183 PCB 169L | 372 | 33.50 | 40515 | 1.25 | 72840 | 0.074884 | 0 | 441 | no | 2.142 | 39 |
| | 374 | 33.47 | 32324 | yes | * | 0 | 0 | 441 | no | 2.142 | 39 |

| | | | | | | | | | | | |
|-----------------------|-----|--------|---------|------|---------|----------|-------|-------|----|-------|-----|
| 184 PCB 188L | 406 | 23.75 | 53415 | 1.08 | 103034 | 0.205672 | 0.001 | 955 | no | 1.103 | 106 |
| | 408 | 23.75 | 49819 | yes | | | | 964 | | | |
| 185 PCB 180L | 406 | 31.54 | 28136 | 0.95 | 57746 | 0.258341 | 0.001 | 888 | no | 1.219 | 133 |
| | 408 | 31.56 | 29610 | yes | | | | 1065 | | | |
| 186 PCB 170L | 406 | 32.85 | 25602 | 1.08 | 49390 | 0.246538 | 0.001 | 614 | no | 1.093 | 127 |
| | 408 | 32.87 | 23788 | yes | | | | 831 | | | |
| 187 PCB 189L | 406 | 36.25 | 46791 | 1 | 93695 | 0.210936 | 0.001 | 374 | no | 2.422 | 108 |
| | 408 | 36.23 | 46904 | yes | | | | 746 | | | |
| 188 PCB 202L | 440 | 28.73 | 34113 | 0.94 | 70285 | 0.322044 | 0.001 | 1540 | no | 1.19 | 166 |
| | 442 | 28.71 | 36172 | yes | | | | 558 | | | |
| 189 PCB 205L | 440 | 39.12 | 21421 | 0.99 | 43024 | 0.158798 | 0.001 | 830 | no | 1.478 | 82 |
| | 442 | 39.12 | 21603 | yes | | | | 575 | | | |
| 190 PCB 208L | 474 | 35.72 | 18974 | 0.79 | 42912 | 0.201895 | 0.001 | 790 | no | 1.159 | 104 |
| | 476 | 35.73 | 23937 | yes | | | | 433 | | | |
| 191 PCB 206L | 474 | 41.10 | 11674 | 0.89 | 24792 | 0.16608 | 0.002 | 461 | no | 0.814 | 85 |
| | 476 | 41.09 | 13118 | no | | | | 224 | | | |
| 192 PCB 209L | 510 | 42.94 | 11139 | 1.22 | 20274 | 0.146505 | 0.001 | 511 | no | 0.755 | 75 |
| | 512 | 42.94 | 9135 | yes | | | | 396 | | | |
| 193 PCB 28L | 268 | 14.15 | 216554 | 1.06 | 420457 | 0.190083 | 0.003 | 247 | no | 2.78 | 88 |
| PCB Cleanup Standard | 270 | 14.15 | 203903 | yes | | | | 174 | | | |
| 194 PCB 111L | 338 | 21.41 | 95072 | 1.63 | 153351 | 0.190987 | 0 | 2347 | no | 1.332 | 88 |
| PCB Cleanup Standard | 340 | 21.42 | 58279 | yes | | | | 2038 | | | |
| 195 PCB 178L | 406 | 26.50 | 33701 | 1.07 | 65135 | 0.220549 | 0.001 | 582 | no | 0.65 | 102 |
| PCB Cleanup Standard | 408 | 26.49 | 31435 | yes | | | | 581 | | | |
| 196 PCB 31L | 268 | NotFnd | * | * | * | | 0.003 | | no | 2.775 | |
| PCB Audit Standard | 270 | 13.99 | * | * | * | | 0 | | no | 0.967 | |
| 197 PCB 95L | 338 | NotFnd | * | * | * | | 0 | | no | | |
| PCB Audit Standard | 340 | 17.41 | * | no | | | 0 | 51 | no | 1.191 | 3 |
| 198 PCB 153L | 372 | 24.95 | 1668 | 1.21 | 3046 | 0.005635 | 0 | 56 | no | | |
| PCB Audit Standard | 374 | 24.92 | 1378 | yes | | | - | 6636 | no | - | - |
| 199 PCB 9L | 234 | 11.03 | 1418466 | 1.68 | 2262435 | 8.503558 | - | 6763 | no | - | - |
| PCB Recovery Standard | 236 | 11.03 | 843969 | yes | | | - | 2636 | no | - | - |
| 200 PCB 52L | 302 | 15.08 | 384198 | 0.81 | 859726 | 8.495487 | - | 6230 | no | - | - |
| PCB Recovery Standard | 304 | 15.08 | 475528 | yes | | | - | 10456 | no | - | - |
| 201 PCB 101L | 338 | 19.38 | 404898 | 1.64 | 651260 | 7.715398 | - | 8829 | no | - | - |
| PCB Recovery Standard | 340 | 19.40 | 246362 | yes | | | - | 8929 | no | - | - |
| 202 PCB 138L | 372 | 26.07 | 272763 | 1.25 | 490533 | 5.726914 | - | 8197 | no | - | - |
| PCB Recovery Standard | 374 | 26.09 | 217770 | yes | | | - | 3775 | no | - | - |
| 203 PCB 194L | 440 | 38.58 | 95508 | 0.93 | 198111 | 2.638607 | - | 2690 | no | - | - |
| PCB Recovery Standard | 442 | 38.61 | 102804 | yes | | | | | | | |
| Chlorobiphenyls | | | | | | -0.00135 | 0 | | | | |
| Dichlorobiphenyls | | | | | | 0.008749 | 1 | | | | |
| Trichlorobiphenyls | | | | | | 0.029875 | 6 | | | | |
| Tetrachlorobiphenyls | | | | | | 0.118163 | 11 | | | | |
| Pentachlorobiphenyls | | | | | | 0.414526 | 14 | | | | |
| Hexachlorobiphenyls | | | | | | 0.680964 | 12 | | | | |
| Heptachlorobiphenyls | | | | | | 0.133621 | 6 | | | | |
| Octachlorobiphenyls | | | | | | 0.004684 | 1 | | | | |
| Nonachlorobiphenyls | | | | | | -0.0033 | 0 | | | | |
| Decachlorobiphenyl | | | | | | -0.00338 | 0 | | | | |
| PCB (total) | | | | | | 1.390582 | | | | | |

Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 3:27:25 PM

Printed: Wednesday, December 07, 2016 3:29:12 PM

Method: C:\MassLynx\Default.PRO\MethDB\EPA 1668_M2161205B.mdb 06 Dec 2016 10:41:10

Calibration: C:\MassLynx\Default.pro\Curvedb\m2161205B_209.cdb 06 Dec 2016 10:53:58

Description: DIS275-01R

Vial: 11

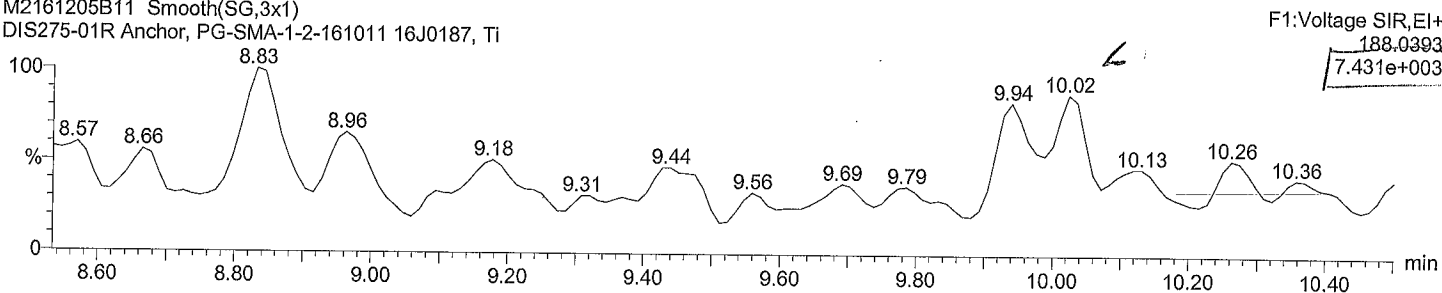
Date: 06-Dec-2016

Time: 04:00:14

Instrument:

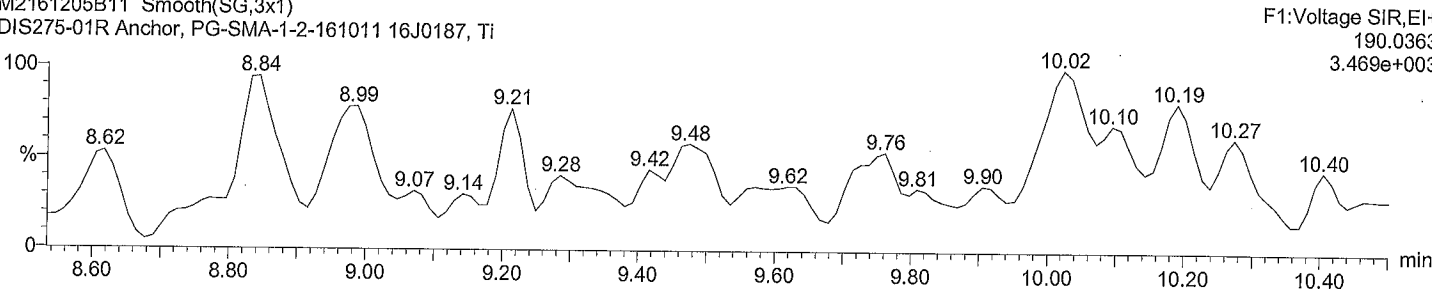
Total MoCB F1

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti



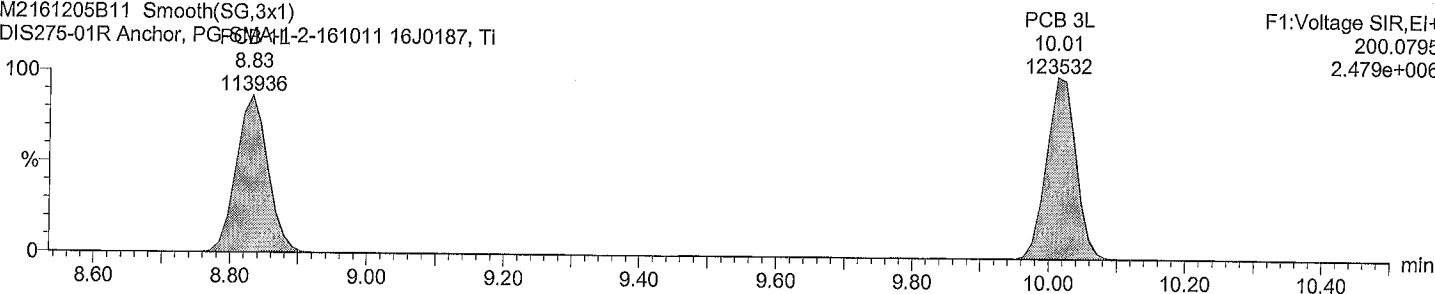
Total MoCB F1

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti



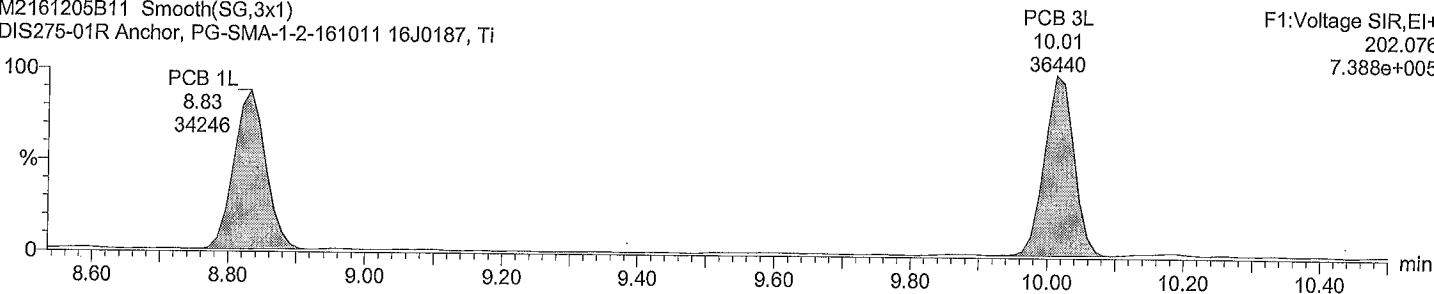
Total MoCB labeled F1

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti



Total MoCB labeled F1

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti



AutoSpec Ultima - M2

Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 3:27:25 PM

Printed: Wednesday, December 07, 2016 3:29:12 PM

Description: DIS275-01R

Vial: 11

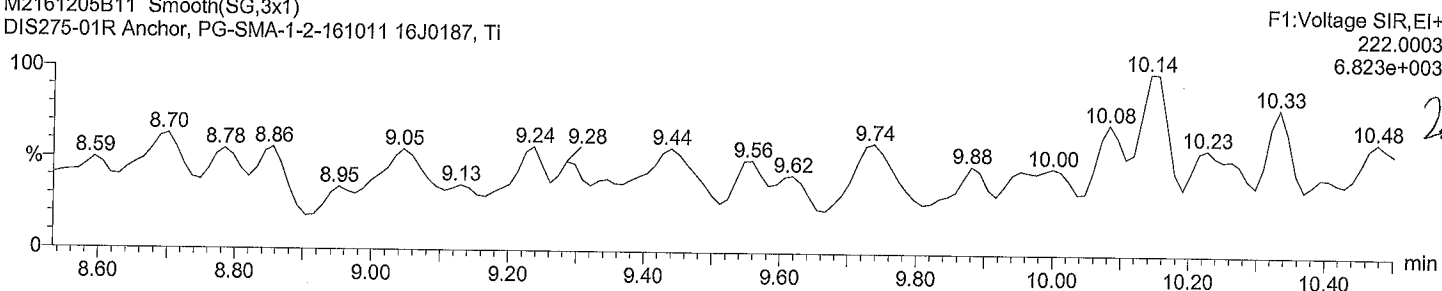
Date: 06-Dec-2016

Time: 04:00:14

Instrument:

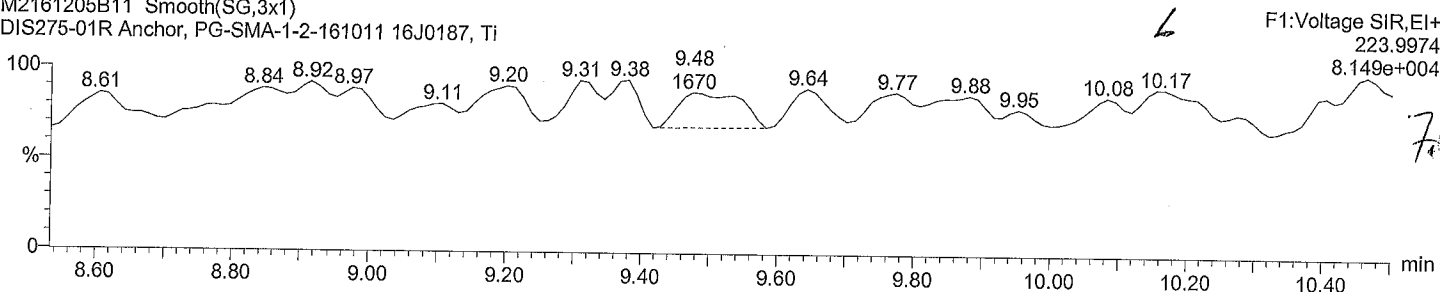
Total DiCB F1

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti



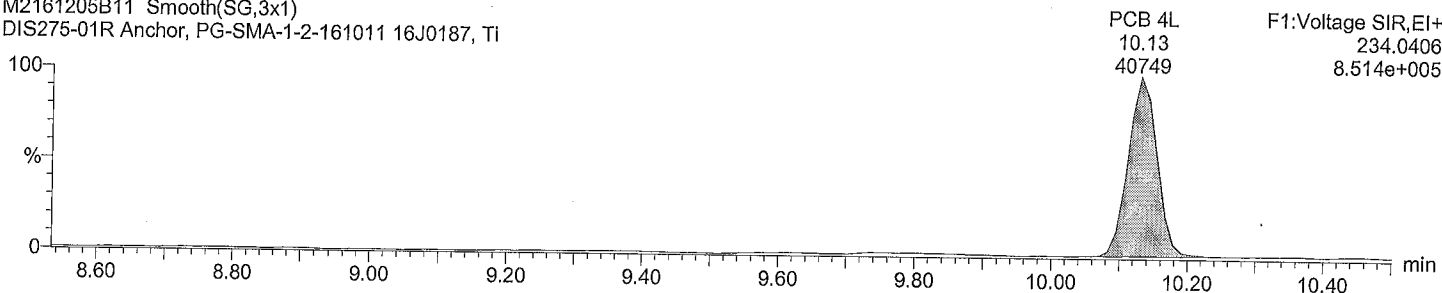
Total DiCB F1

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti



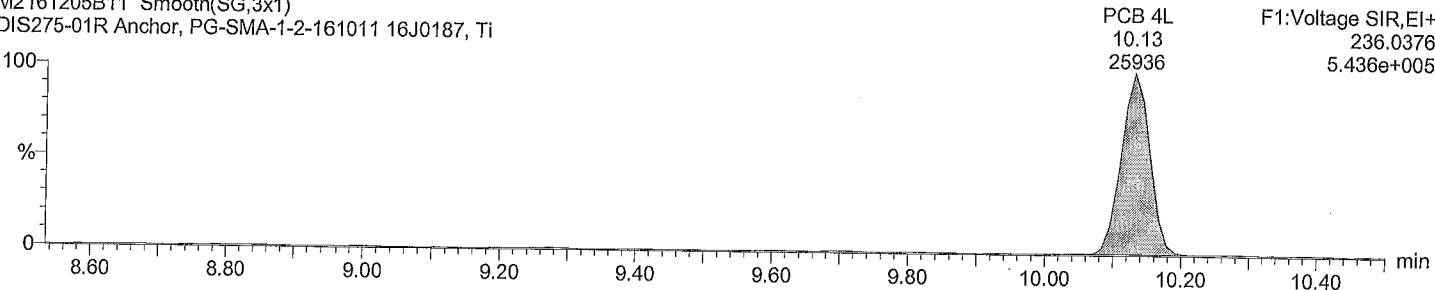
Total DiCB labeled F1

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti



Total DiCB labeled F1

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 3:27:25 PM

Printed: Wednesday, December 07, 2016 3:29:12 PM

Description: DIS275-01R

Vial: 11

Date: 06-Dec-2016

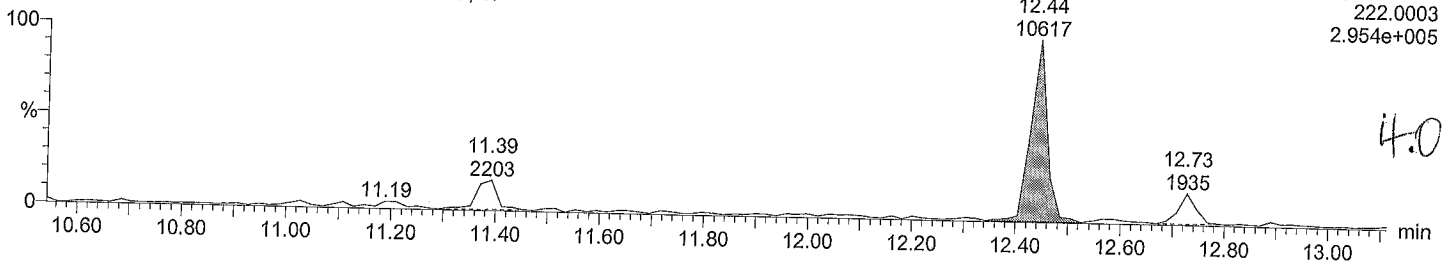
Time: 04:00:14

Instrument:

Total DiCB F2

M2161205B11

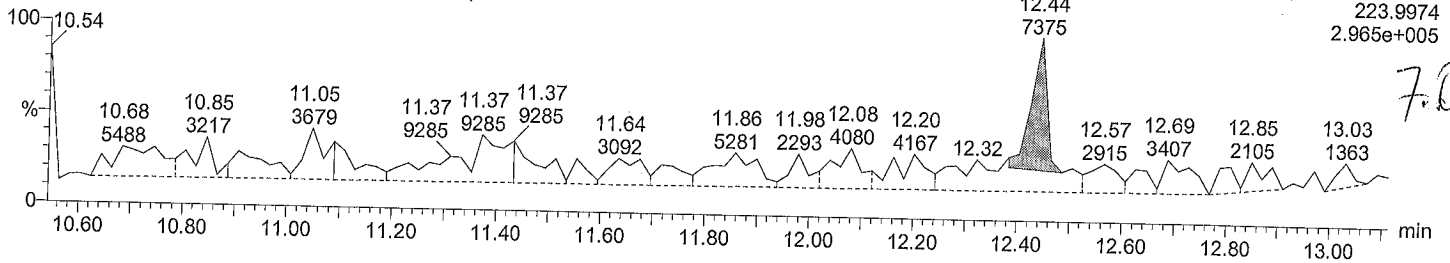
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI



Total DiCB F2

M2161205B11

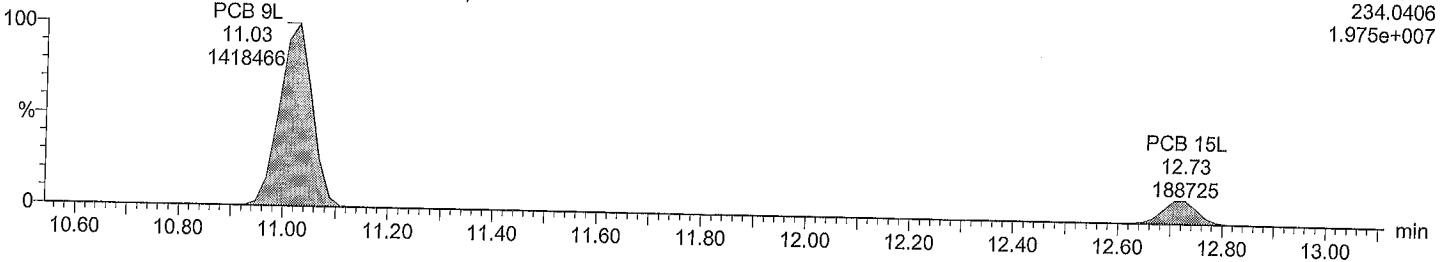
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI



Total DiCB labeled F2

M2161205B11 Smooth(SG,3x1)

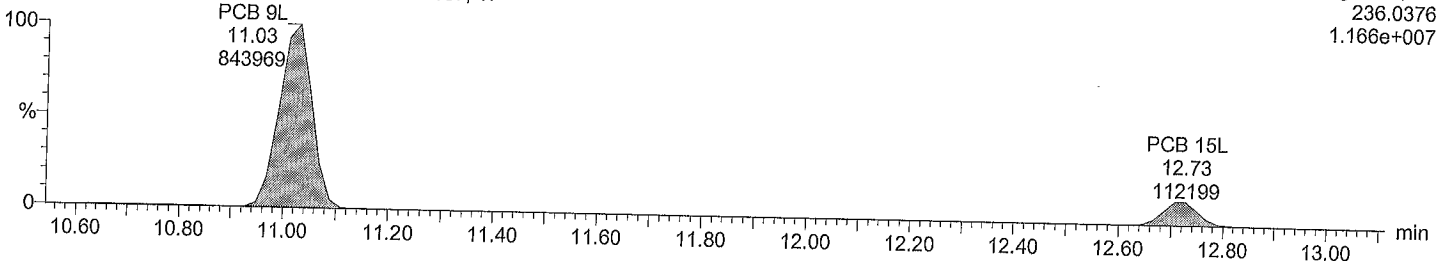
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI



Total DiCB labeled F2

M2161205B11 Smooth(SG,3x1)

DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 3:27:25 PM

Printed: Wednesday, December 07, 2016 3:29:12 PM

Description: DIS275-01R

Vial: 11

Date: 06-Dec-2016

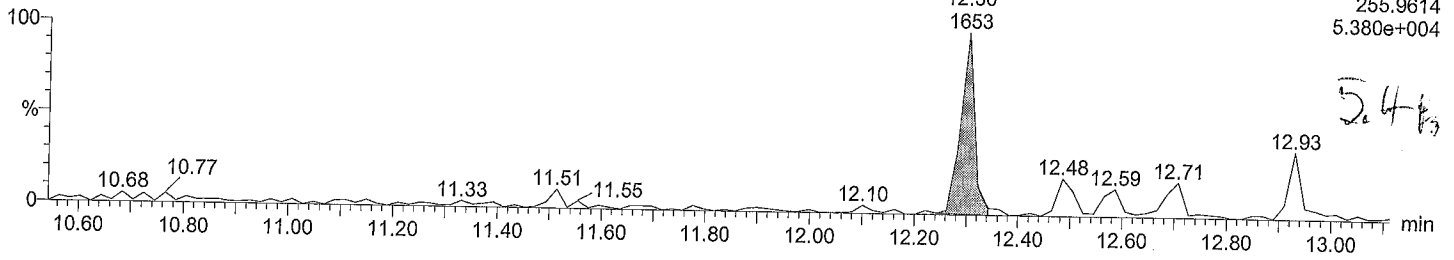
Time: 04:00:14

Instrument:

Total TriCB F2

M2161205B11

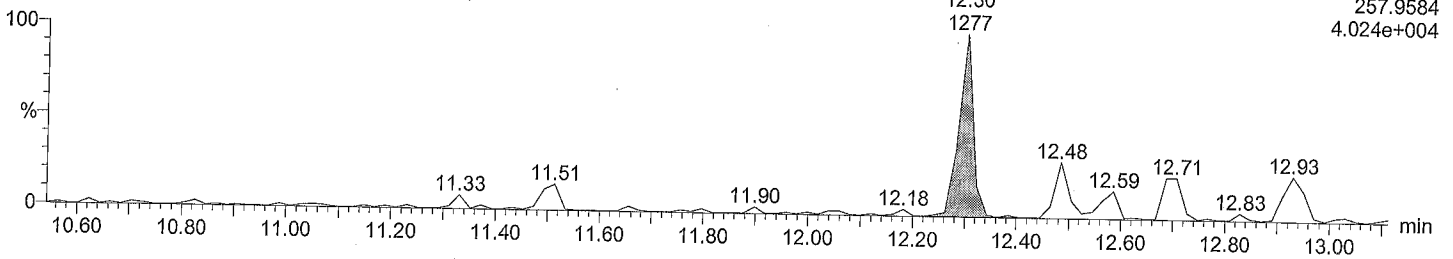
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti



Total TriCB F2

M2161205B11

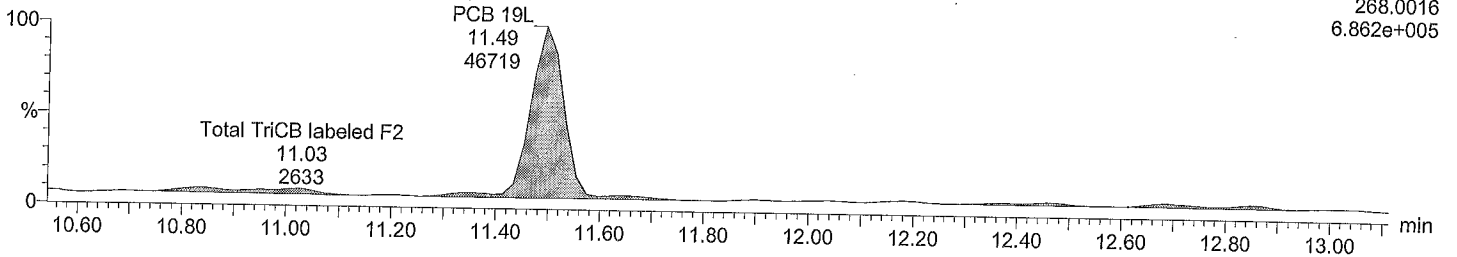
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti



Total TriCB labeled F2

M2161205B11 Smooth(SG,3x1)

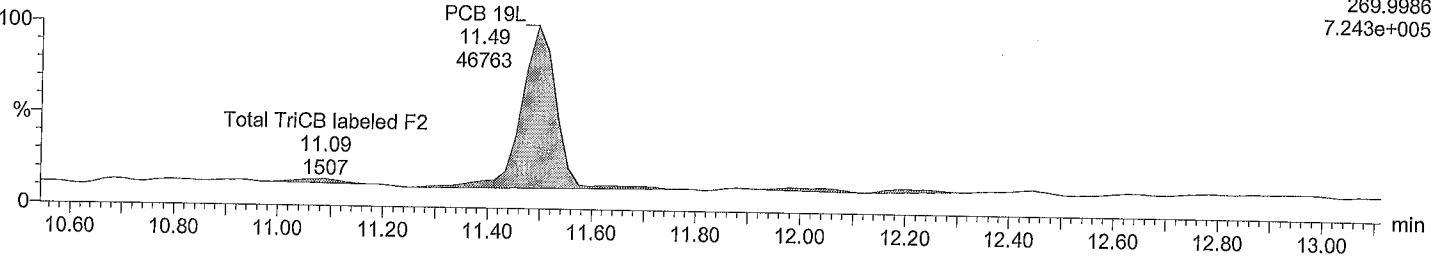
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti



Total TriCB labeled F2

M2161205B11 Smooth(SG,3x1)

DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 3:27:25 PM

Printed: Wednesday, December 07, 2016 3:29:12 PM

Description: DIS275-01R

Vial: 11

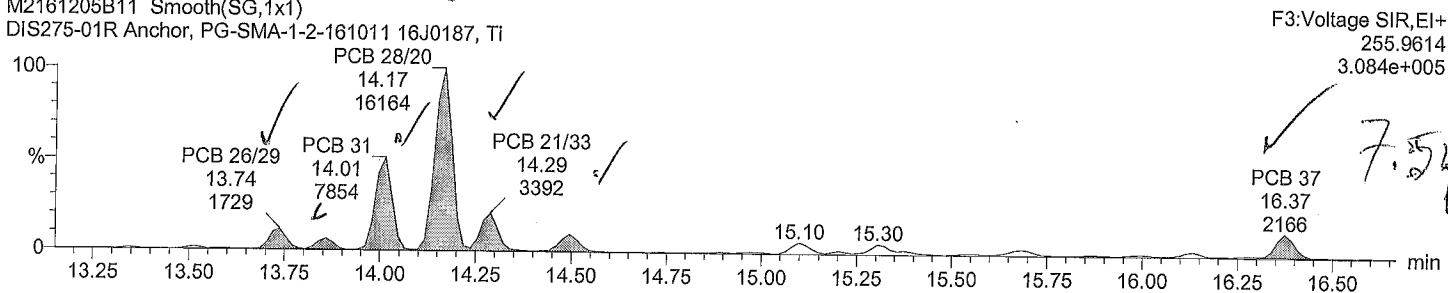
Date: 06-Dec-2016

Time: 04:00:14

Instrument:

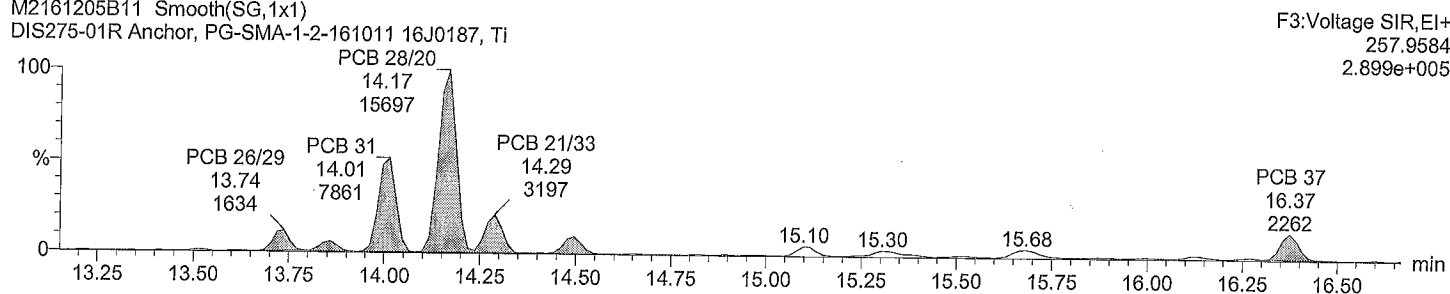
Total TriCB F3

M2161205B11 Smooth(SG,1x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI



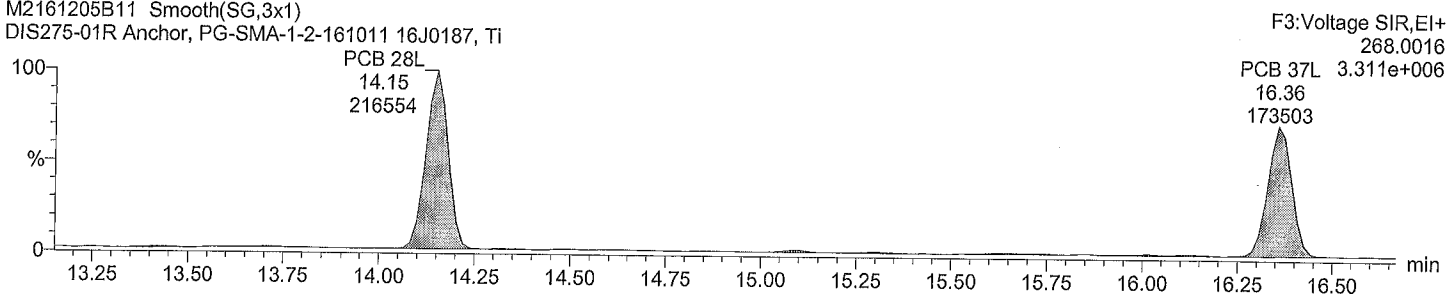
Total TriCB F3

M2161205B11 Smooth(SG,1x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI



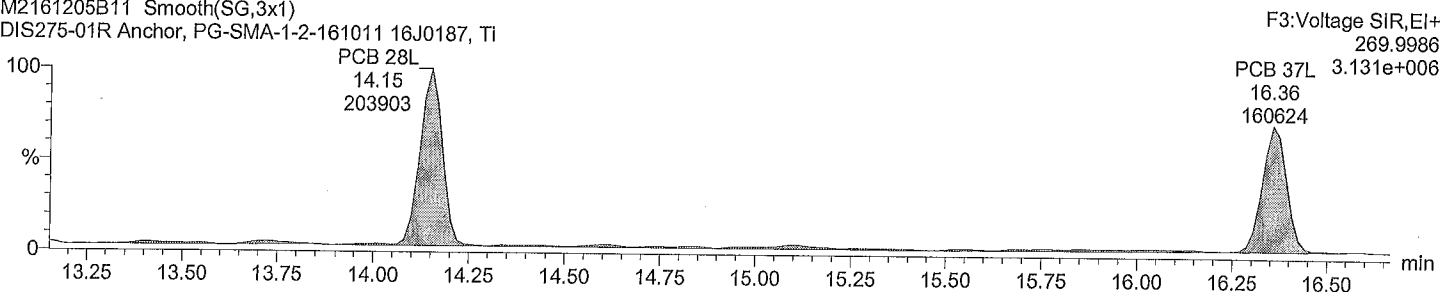
Total TriCB labeled F3

M2161205B11 Smooth(SG,1x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI



Total TriCB labeled F3

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 3:27:25 PM

Printed: Wednesday, December 07, 2016 3:29:12 PM

Description: DIS275-01R

Vial: 11

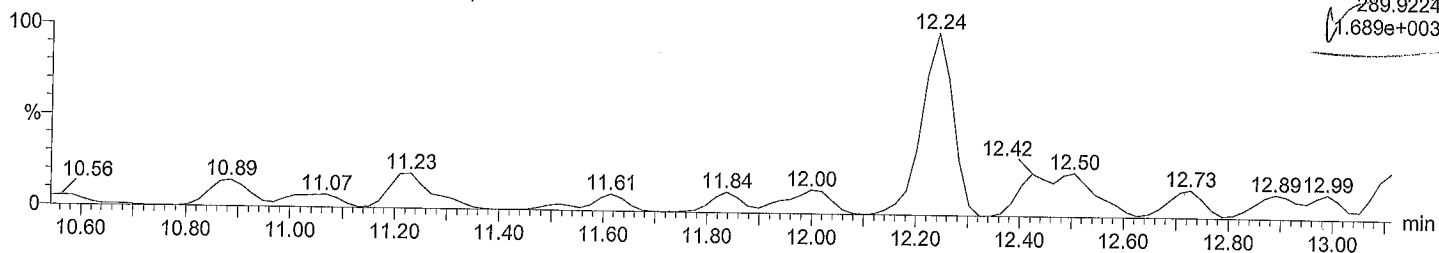
Date: 06-Dec-2016

Time: 04:00:14

Instrument:

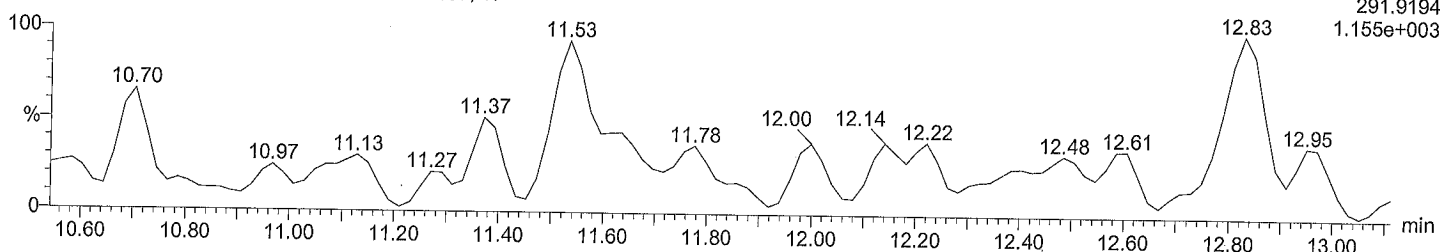
Total TeCB F2

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti



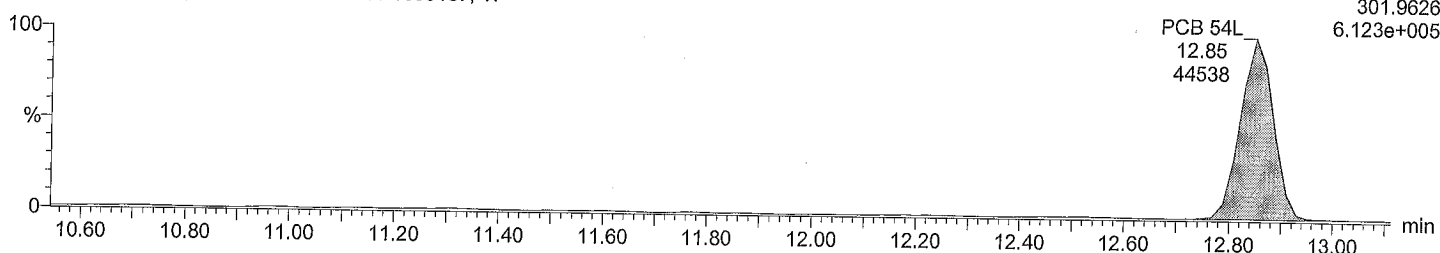
Total TeCB F2

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti



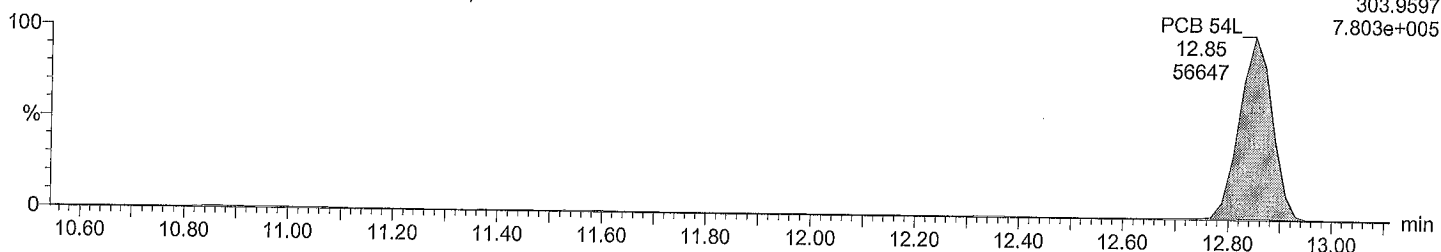
Total TeCB labeled F2

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti



Total TeCB labeled F2

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 3:27:25 PM

Printed: Wednesday, December 07, 2016 3:29:12 PM

Description: DIS275-01R

Vial: 11

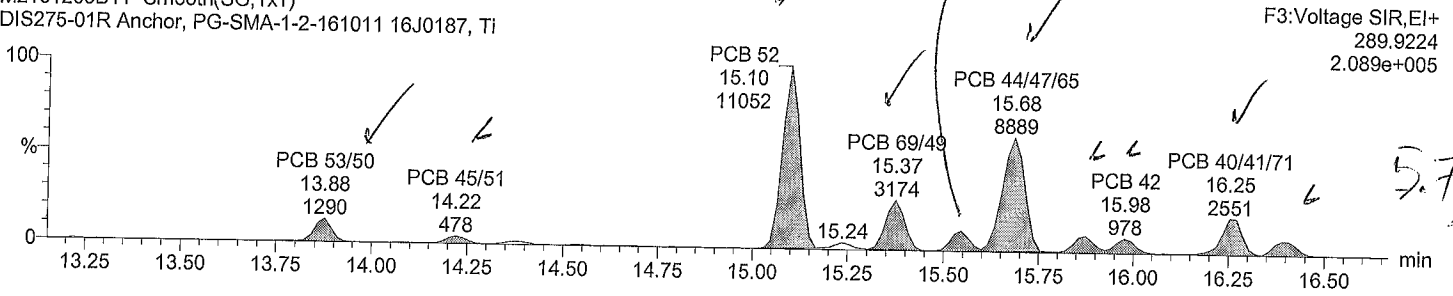
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Time: 04:00:14

Instrument:

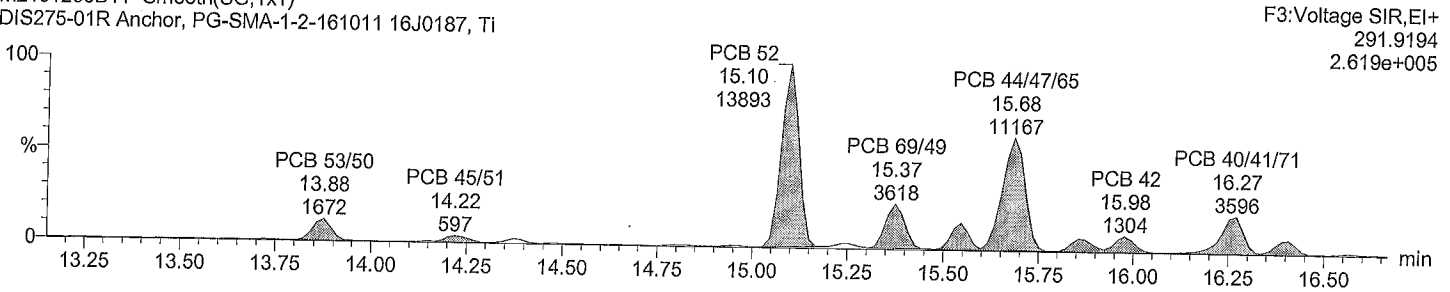
Total TeCB F3

M2161205B11 Smooth(SG,1x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti



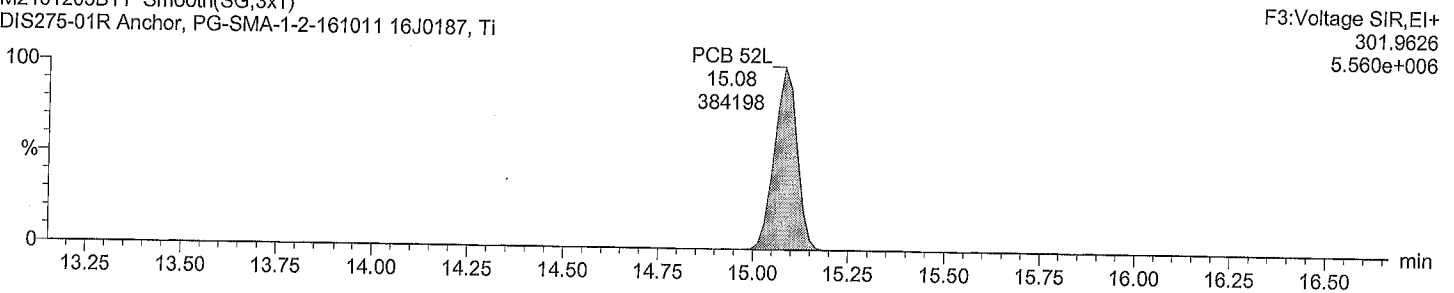
Total TeCB F3

M2161205B11 Smooth(SG,1x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti



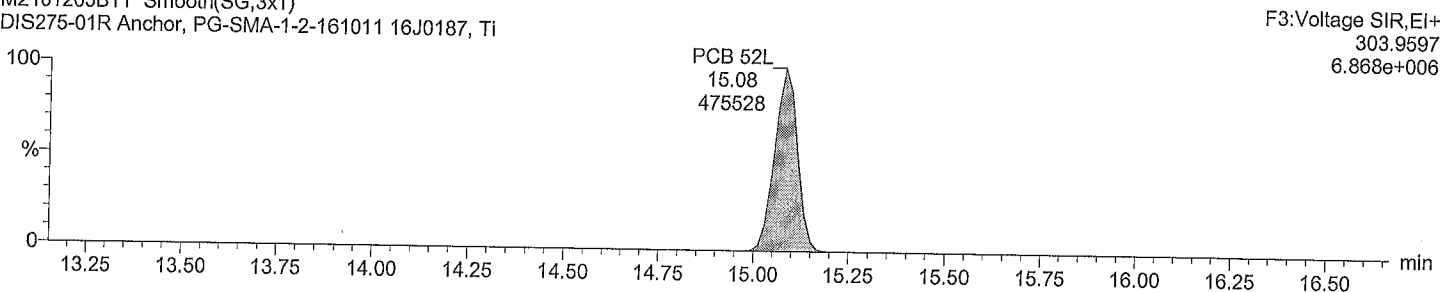
Total TeCB labeled F3

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti



Total TeCB labeled F3

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 3:27:25 PM

Printed: Wednesday, December 07, 2016 3:29:12 PM

Description: DIS275-01R

Vial: 11

Date: 06-Dec-2016

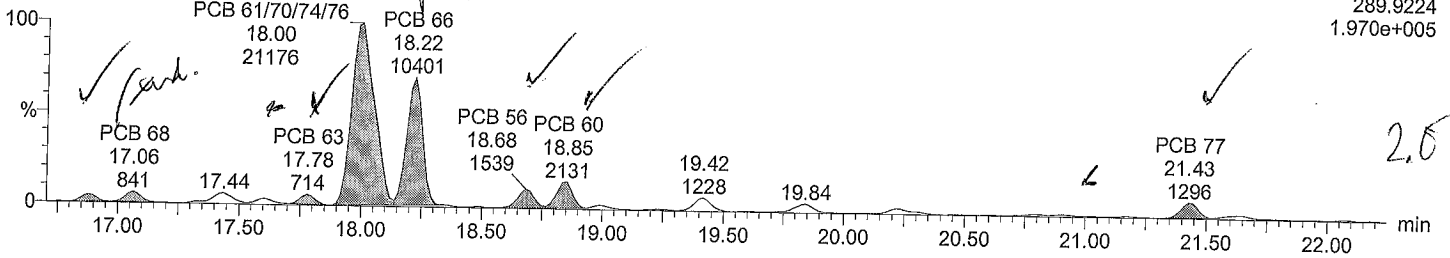
Time: 04:00:14

Instrument:

Total TeCB F4

M2161205B11 Smooth(SG,3x1)

DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti

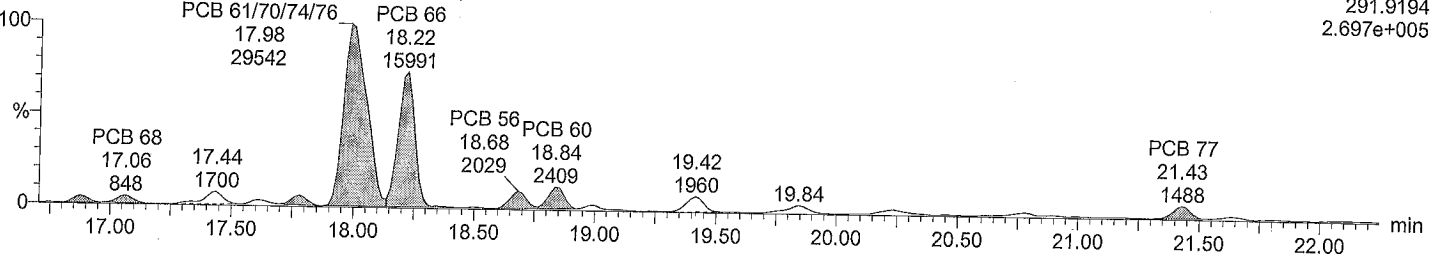


F4:Voltage SIR,EI+
289.9224
1.970e+005

Total TeCB F4

M2161205B11 Smooth(SG,3x1)

DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti

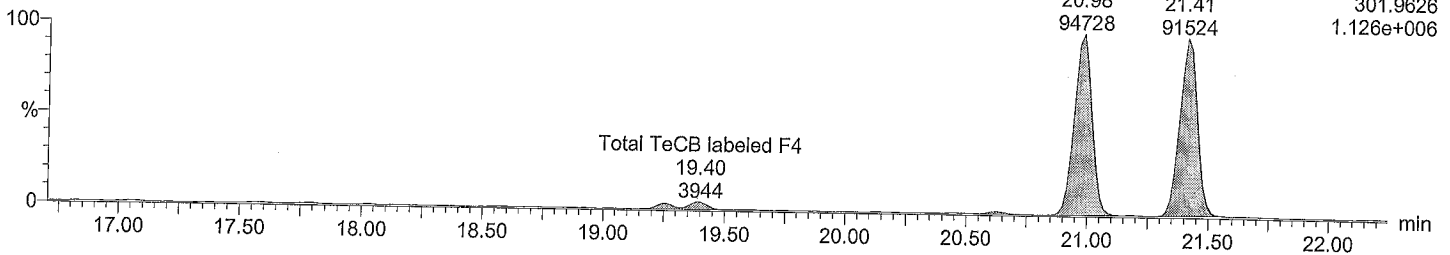


F4:Voltage SIR,EI+
291.9194
2.697e+005

Total TeCB labeled F4

M2161205B11 Smooth(SG,3x1)

DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti

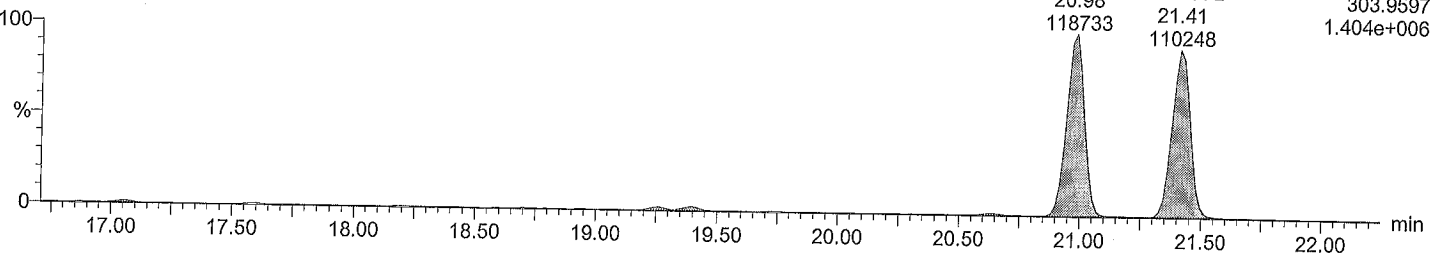


F4:Voltage SIR,EI+
301.9626
1.126e+006

Total TeCB labeled F4

M2161205B11 Smooth(SG,3x1)

DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti



F4:Voltage SIR,EI+
303.9597
1.404e+006

Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 3:27:25 PM

Printed: Wednesday, December 07, 2016 3:29:12 PM

Description: DIS275-01R

Vial: 11

Date: 06-Dec-2016

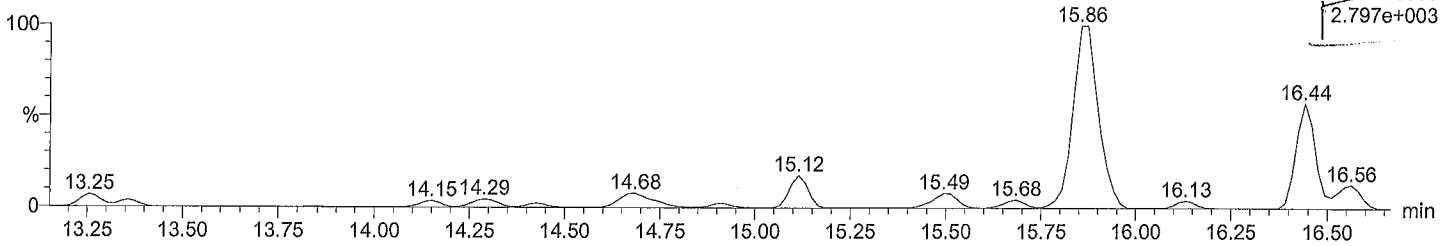
Time: 04:00:14

Instrument:

Total PeCB F3

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI

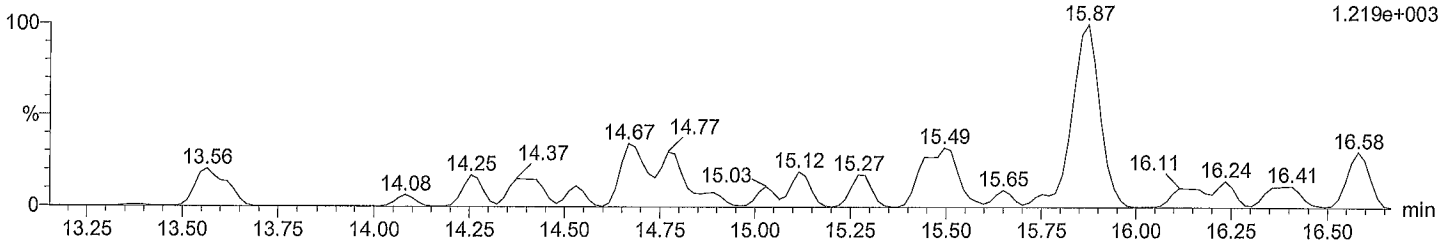
F3:Voltage SIR,EI+
325.8805
2.797e+003



Total PeCB F3

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI

F3:Voltage SIR,EI+
327.8775
1.219e+003

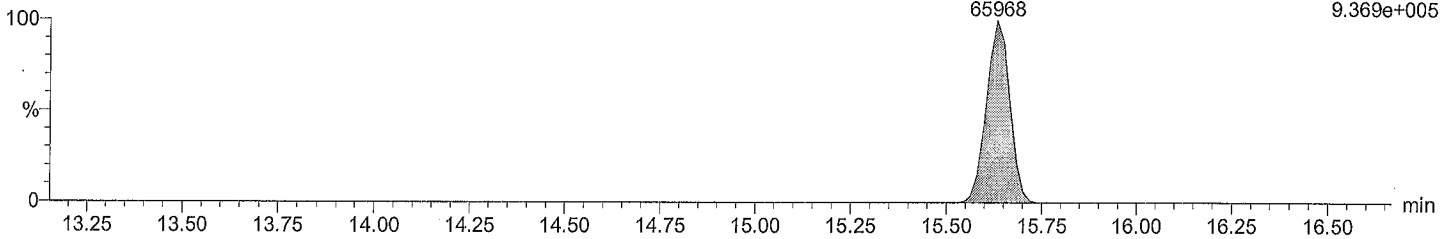


Total PeCB labeled F3

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI

PCB 104L
15.63
65968

F3:Voltage SIR,EI+
337.9207
9.369e+005

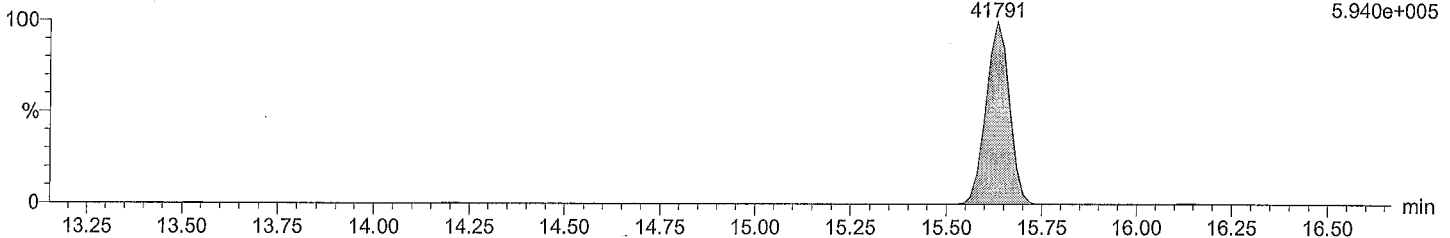


Total PeCB labeled F3

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI

PCB 104L
15.63
41791

F3:Voltage SIR,EI+
339.9178
5.940e+005



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 3:27:25 PM

Printed: Wednesday, December 07, 2016 3:29:12 PM

Description: DIS275-01R

Vial: 11

Date: 06-Dec-2016

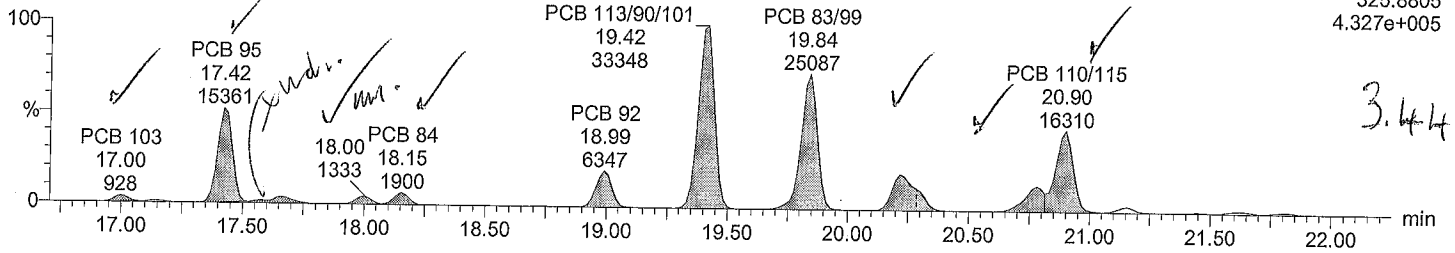
Time: 04:00:14

Instrument:

Total PeCB F4

M2161205B11 Smooth(SG,2x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti

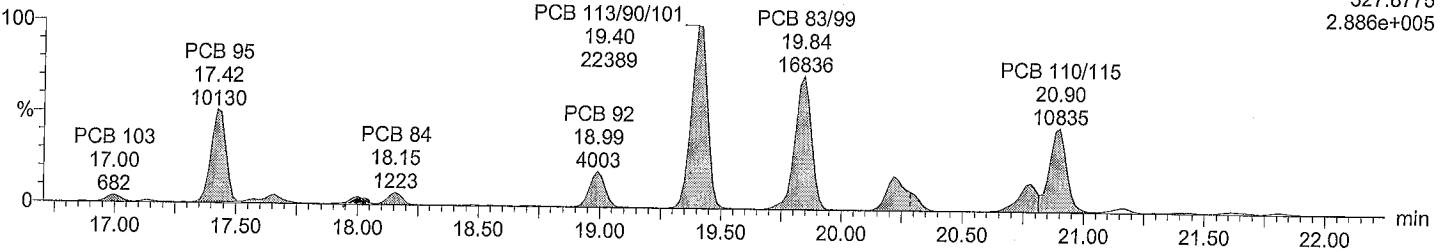
F4:Voltage SIR,EI+
325.8805
4.327e+005



Total PeCB F4

M2161205B11 Smooth(SG,2x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti

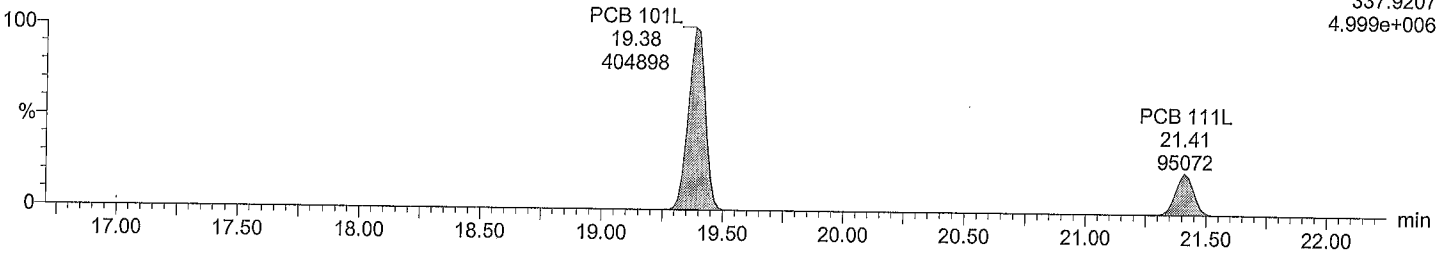
F4:Voltage SIR,EI+
327.8775
2.886e+005



Total PeCB labeled F4

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti

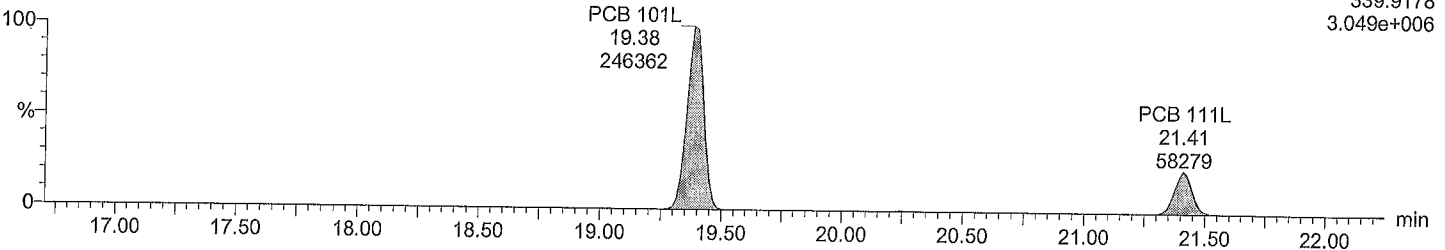
F4:Voltage SIR,EI+
337.9207
4.999e+006



Total PeCB labeled F4

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti

F4:Voltage SIR,EI+
339.9178
3.049e+006



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 3:27:25 PM

Printed: Wednesday, December 07, 2016 3:29:12 PM

Description: DIS275-01R

Vial: 11

Date: 06-Dec-2016

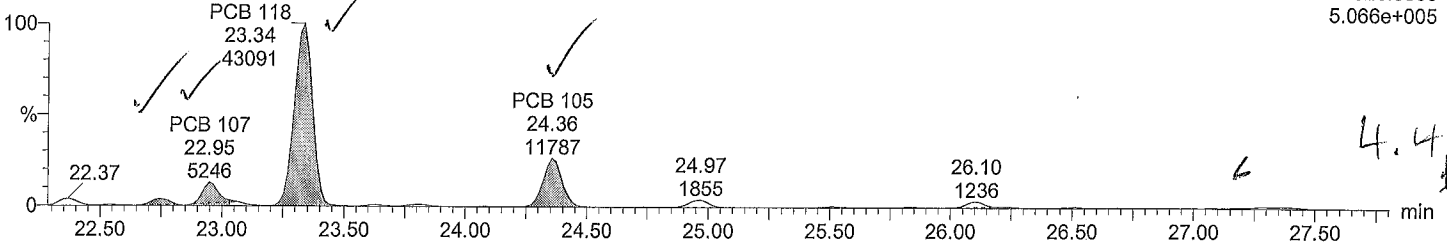
Time: 04:00:14

Instrument:

Total PeCB F5

M2161205B11 Smooth(SG,2x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI

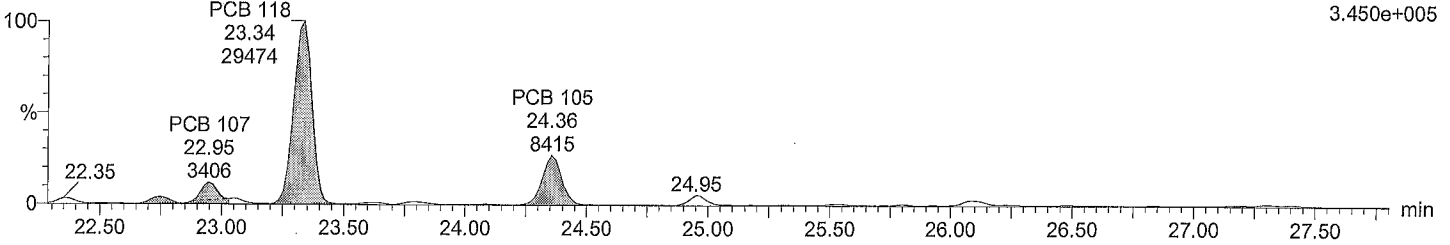
F5:Voltage SIR,EI+
325.8805
5.066e+005



Total PeCB F5

M2161205B11 Smooth(SG,2x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI

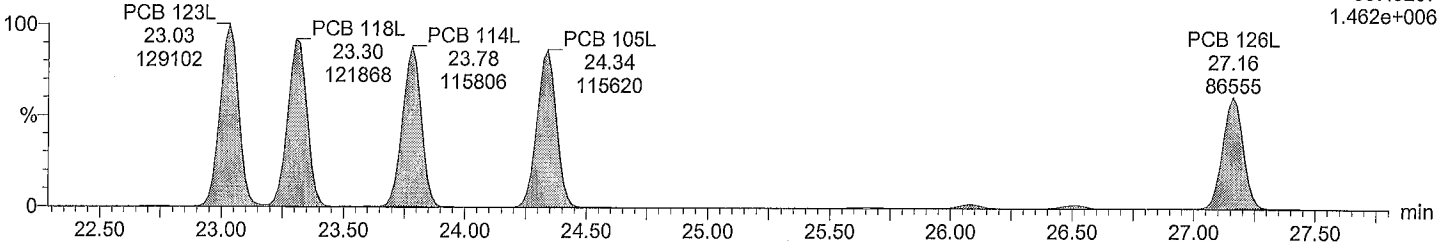
F5:Voltage SIR,EI+
327.8775
3.450e+005



Total PeCB labeled F5

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI

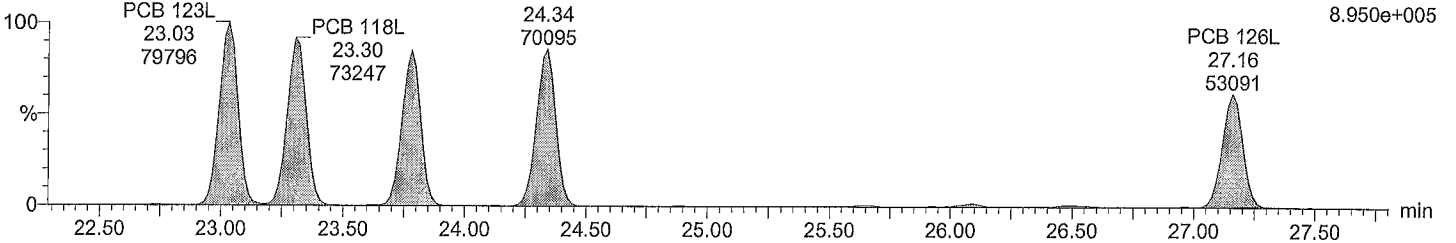
F5:Voltage SIR,EI+
337.9207
1.462e+006



Total PeCB labeled F5

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI PCB 105L

F5:Voltage SIR,EI+
339.9178
8.950e+005



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 3:27:25 PM

Printed: Wednesday, December 07, 2016 3:29:12 PM

Description: DIS275-01R

Vial: 11

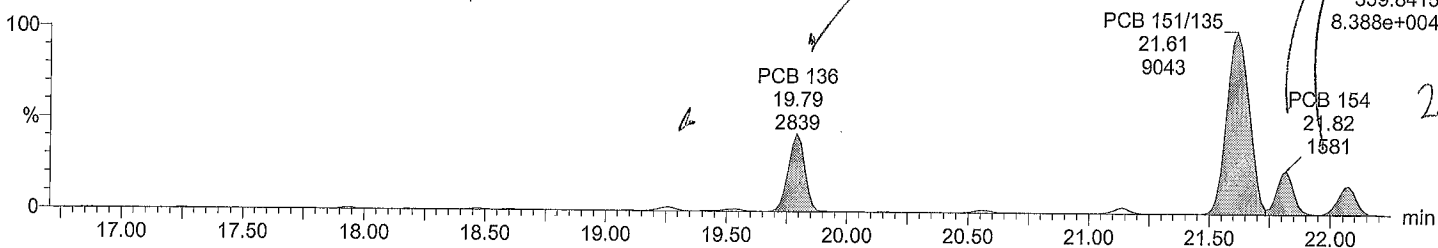
Date: 06-Dec-2016

Time: 04:00:14

Instrument:

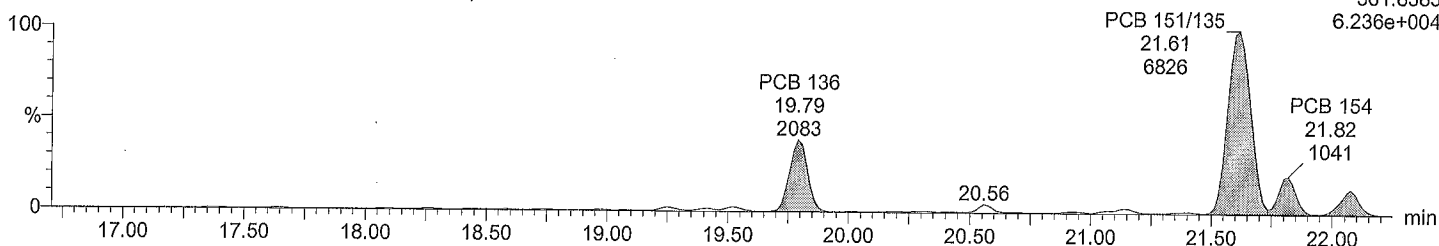
Total HxCB F4

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti



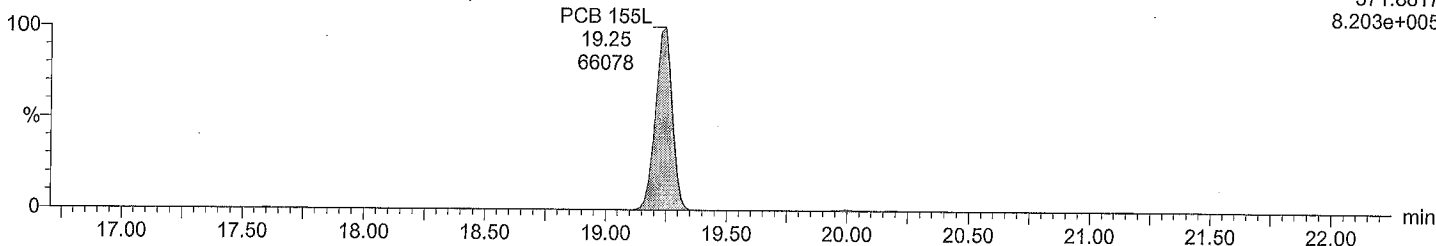
Total HxCB F4

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti



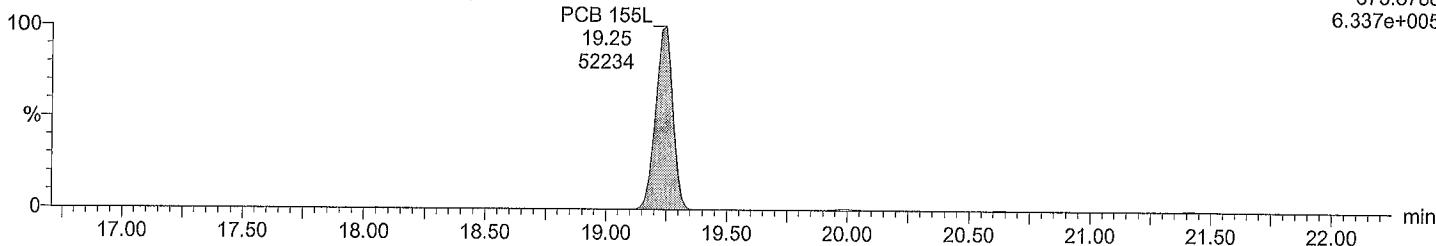
Total HxCB labeled F4

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti



Total HxCB labeled F4

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 3:27:25 PM

Printed: Wednesday, December 07, 2016 3:29:12 PM

Description: DIS275-01R

Vial: 11

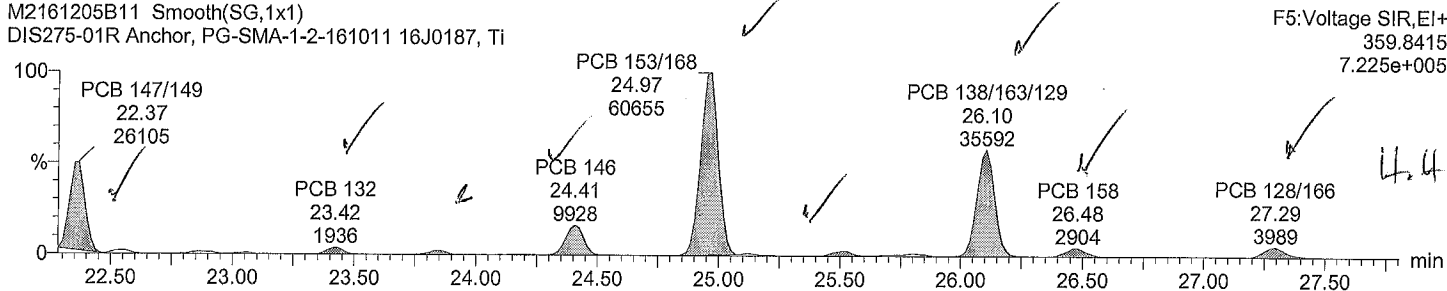
Date: 06-Dec-2016

Time: 04:00:14

Instrument:

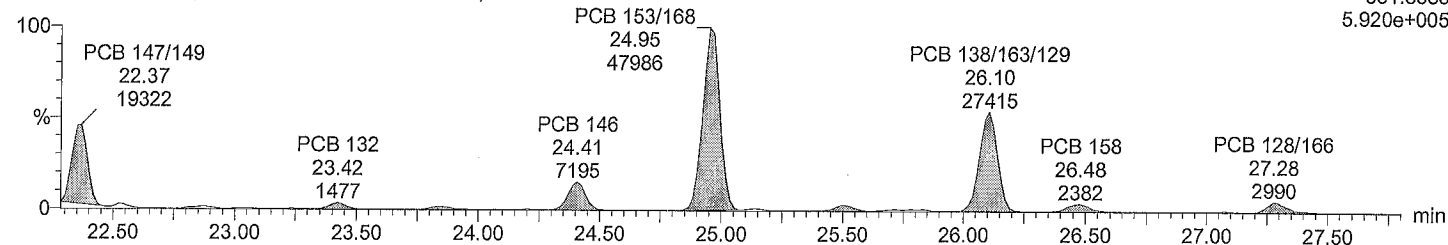
Total HxCB F5

M2161205B11 Smooth(SG,1x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti



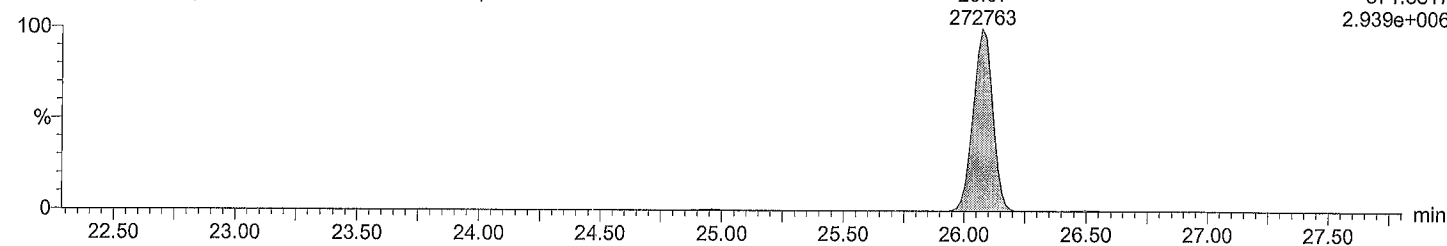
Total HxCB F5

M2161205B11 Smooth(SG,1x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti



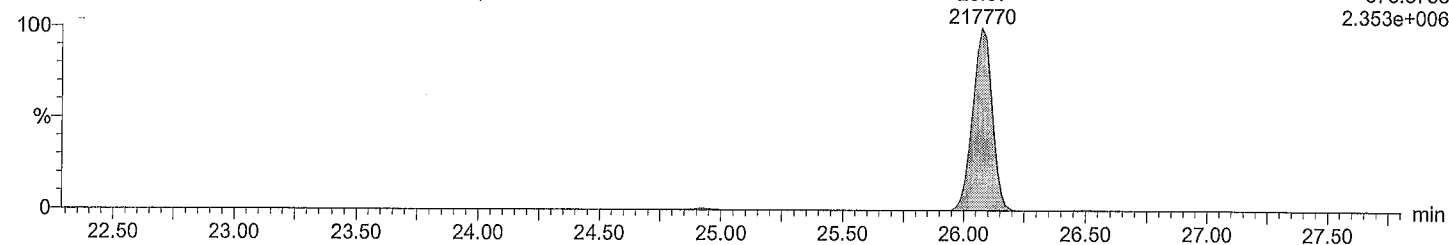
Total HxCB labeled F5

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti



Total HxCB labeled F5

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 3:27:25 PM

Printed: Wednesday, December 07, 2016 3:29:12 PM

Description: DIS275-01R

Vial: 11

Date: 06-Dec-2016

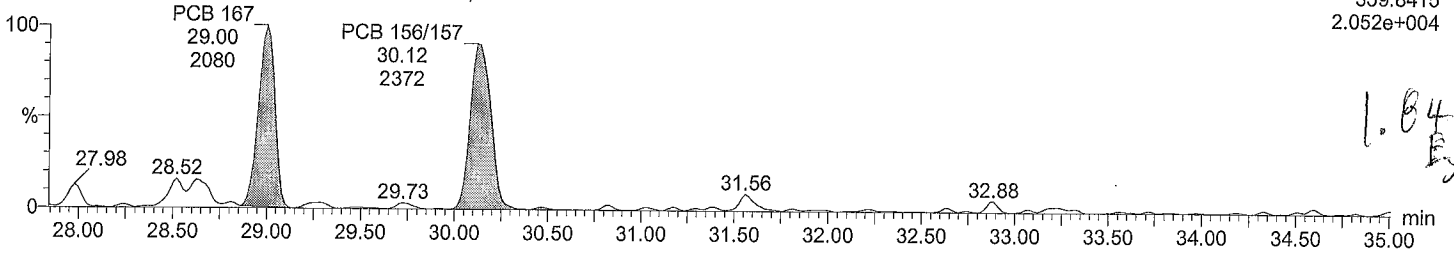
Time: 04:00:14

Instrument:

Total HxCB F6

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI

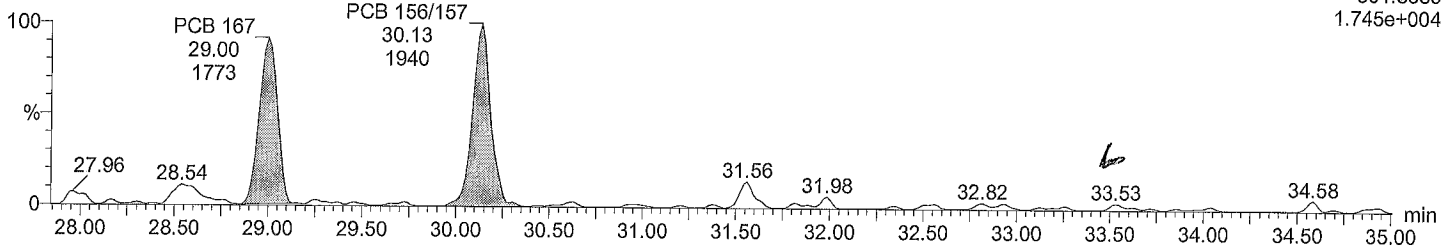
F6:Voltage SIR,El+
359.8415
2.052e+004



Total HxCB F6

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI

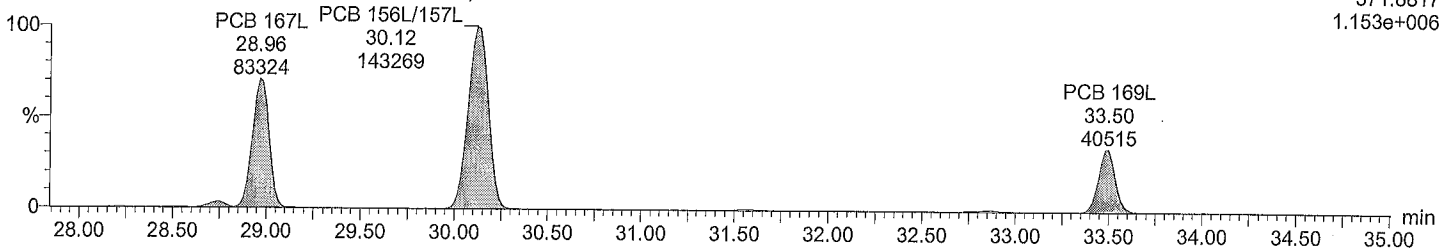
F6:Voltage SIR,El+
361.8385
1.745e+004



Total HxCB labeled F6

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI

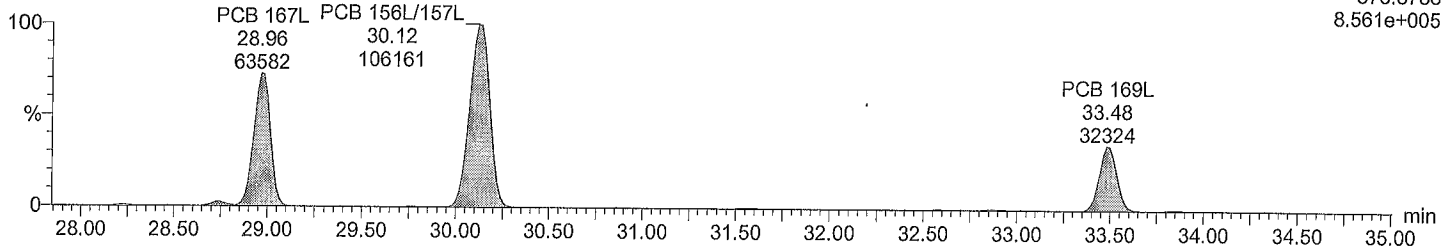
F6:Voltage SIR,El+
371.8817
1.153e+006



Total HxCB labeled F6

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI

F6:Voltage SIR,El+
373.8788
8.561e+005



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

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Printed: Wednesday, December 07, 2016 3:29:12 PM

Description: DIS275-01R

Vial: 11

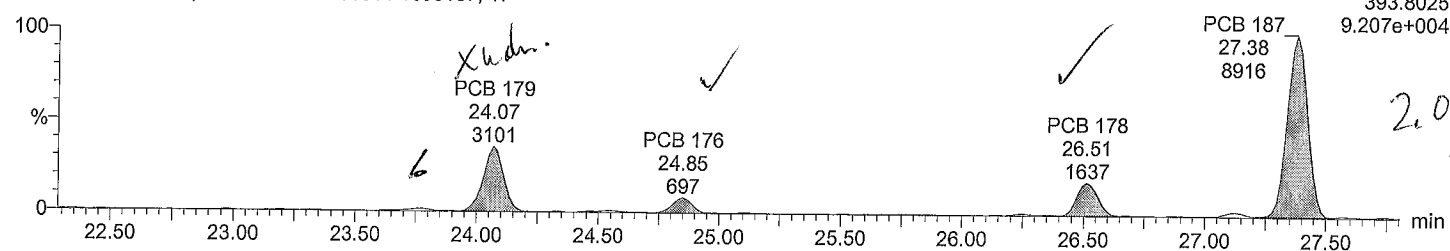
Date: 06-Dec-2016

Time: 04:00:14

Instrument:

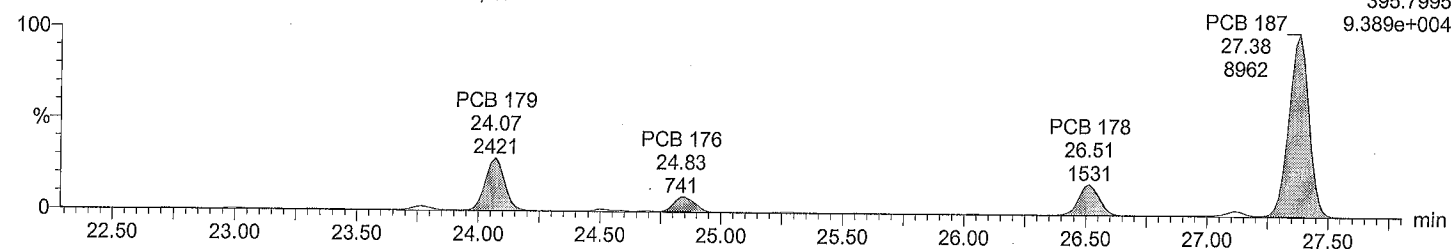
Total HpCB F5

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI



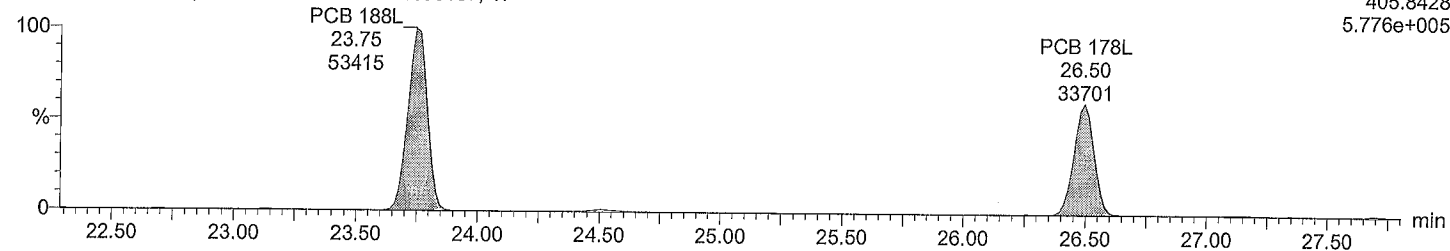
Total HpCB F5

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI



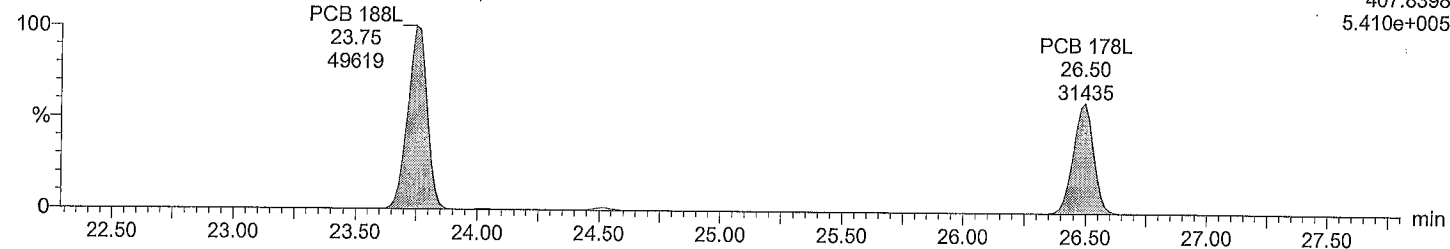
Total HpCB labeled F5

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI



Total HpCB labeled F5

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 3:27:25 PM

Printed: Wednesday, December 07, 2016 3:29:12 PM

Description: DIS275-01R

Vial: 11

Date: 06-Dec-2016

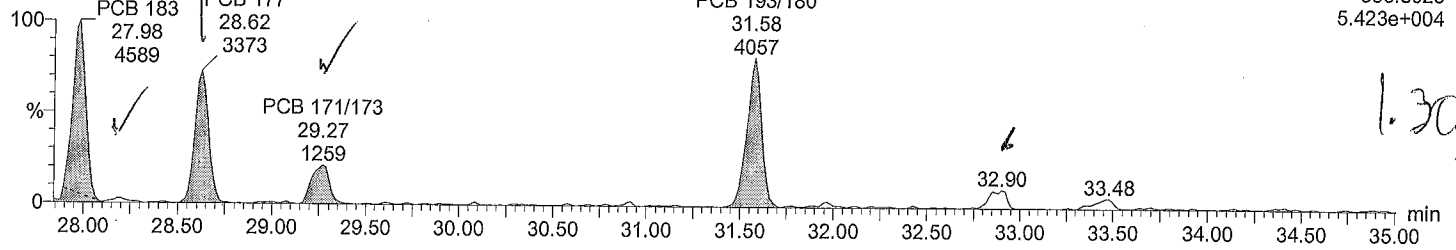
Time: 04:00:14

Instrument:

Total HpCB F6

M2161205B11 Smooth(SG,1x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI

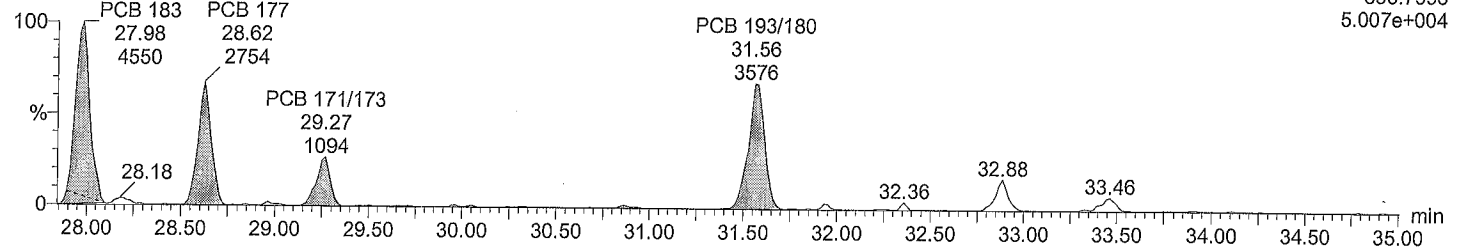
F6:Voltage SIR,EI+
393.8025
5.423e+004



Total HpCB F6

M2161205B11 Smooth(SG,1x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI

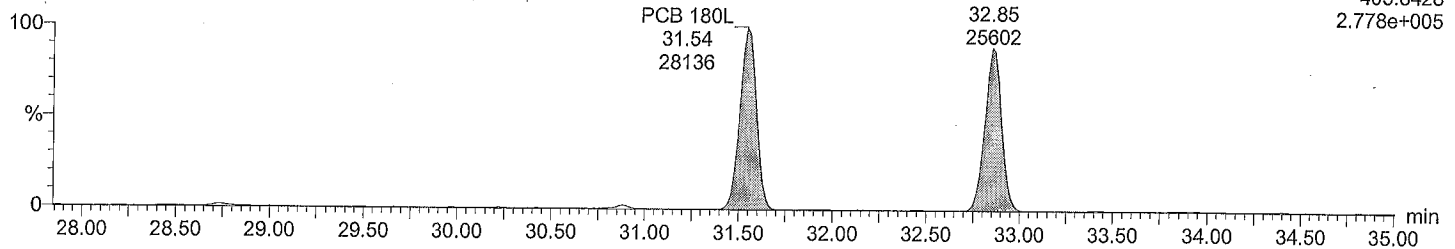
F6:Voltage SIR,EI+
395.7995
5.007e+004



Total HpCB labeled F6

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI

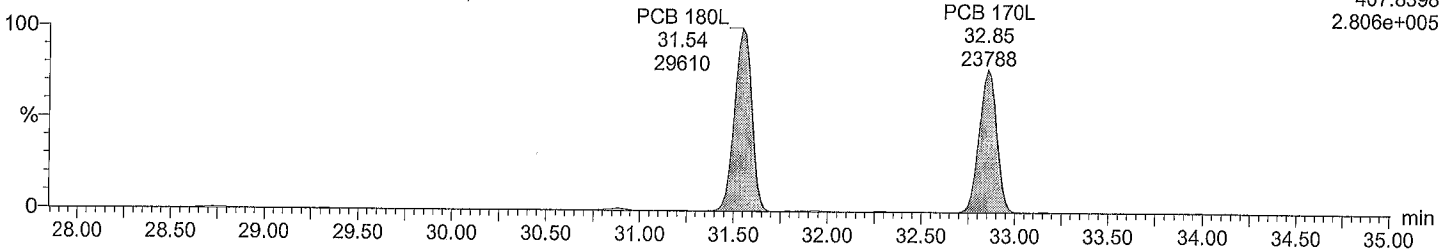
F6:Voltage SIR,EI+
405.8428
2.778e+005



Total HpCB labeled F6

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI

F6:Voltage SIR,EI+
407.8398
2.806e+005



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 3:27:25 PM

Printed: Wednesday, December 07, 2016 3:29:12 PM

Description: DIS275-01R

Vial: 11

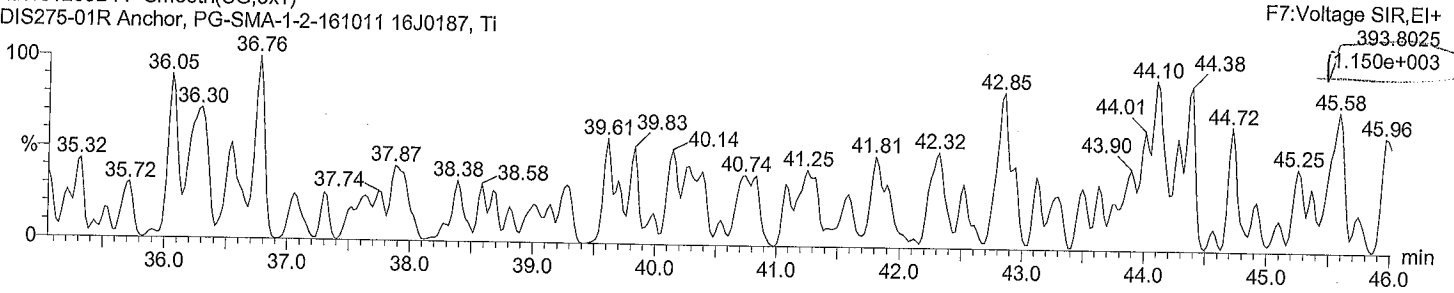
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Instrument:

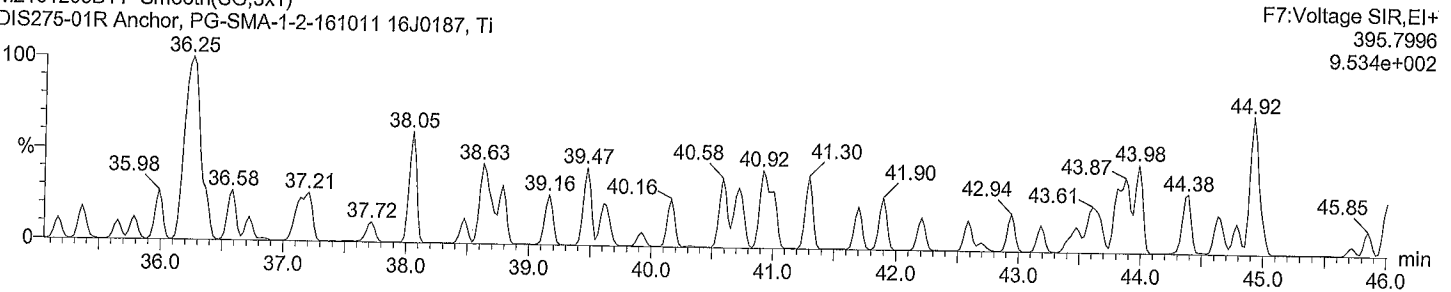
Total HpCB F7

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti



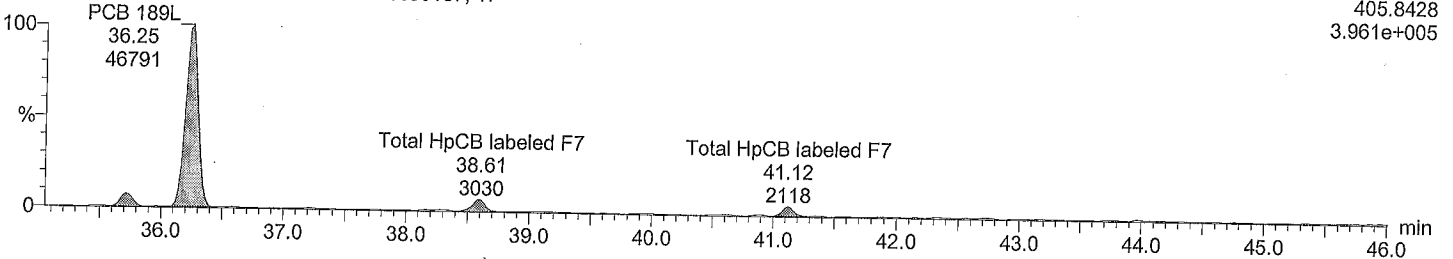
Total HpCB F7

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti



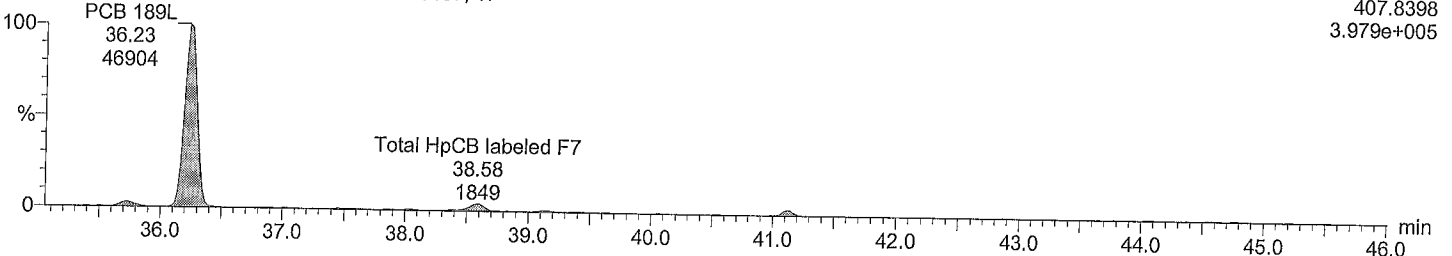
Total HpCB labeled F7

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti



Total HpCB labeled F7

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 3:27:25 PM

Printed: Wednesday, December 07, 2016 3:29:12 PM

Description: DIS275-01R

Vial: 11

Date: 06-Dec-2016

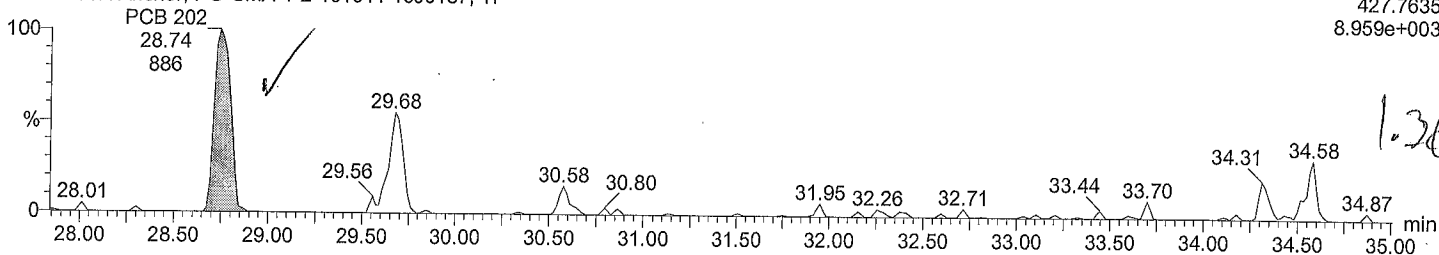
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Instrument:

Total OcCB F6

M2161205B11 Smooth(SG,1x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti

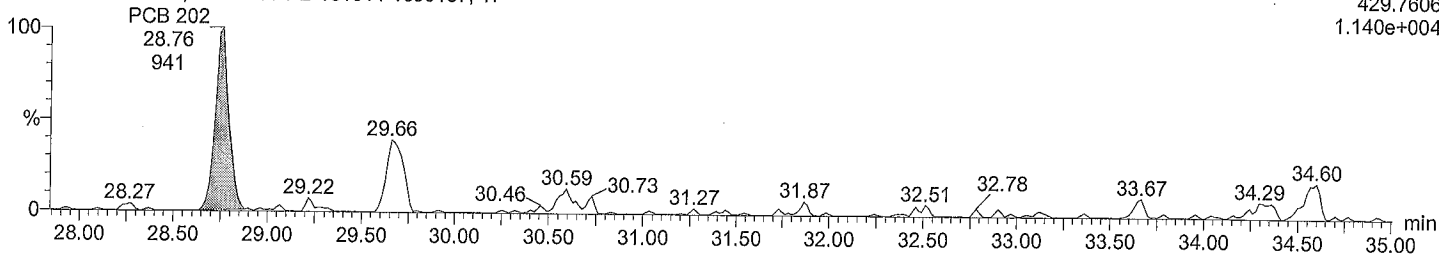
F6:Voltage SIR,EI+
427.7635
8.959e+003



Total OcCB F6

M2161205B11 Smooth(SG,1x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti

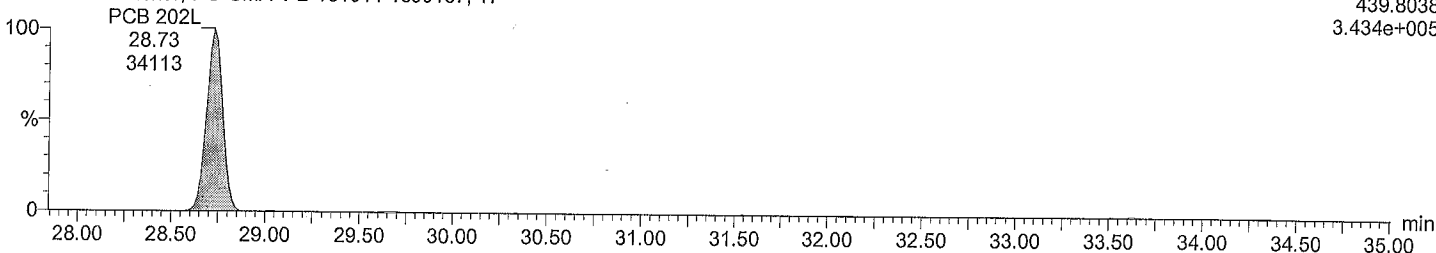
F6:Voltage SIR,EI+
429.7606
1.140e+004



Total OcCB labeled F6

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti

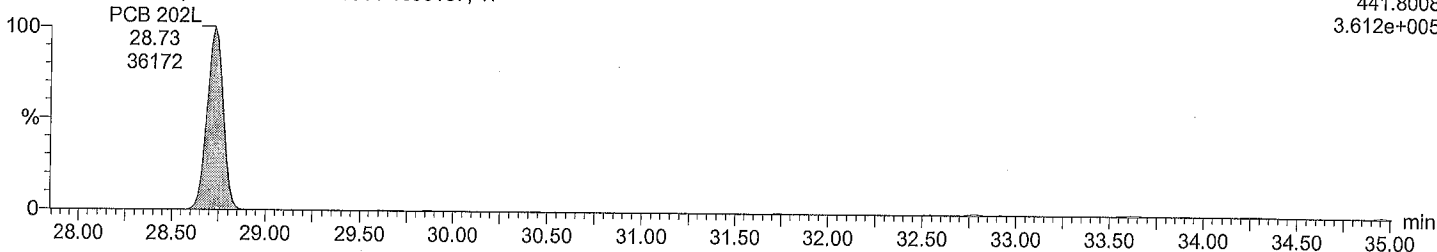
F6:Voltage SIR,EI+
439.8038
3.434e+005



Total OcCB labeled F6

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti

F6:Voltage SIR,EI+
441.8008
3.612e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

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Description: DIS275-01R

Vial: 11

Date: 06-Dec-2016

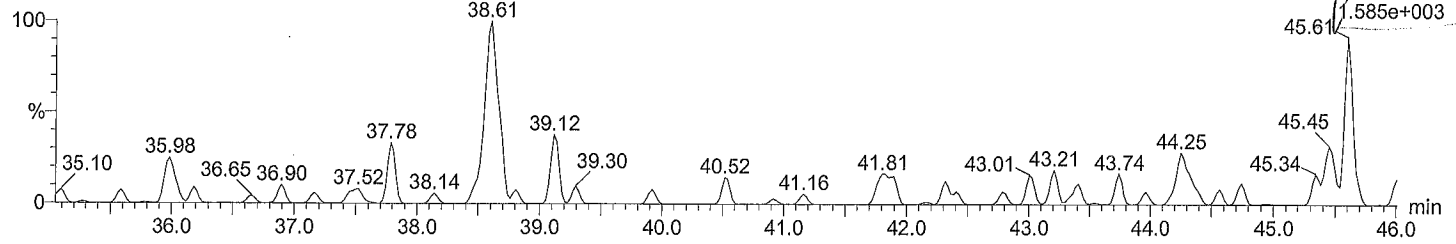
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Instrument:

Total OcCB F7

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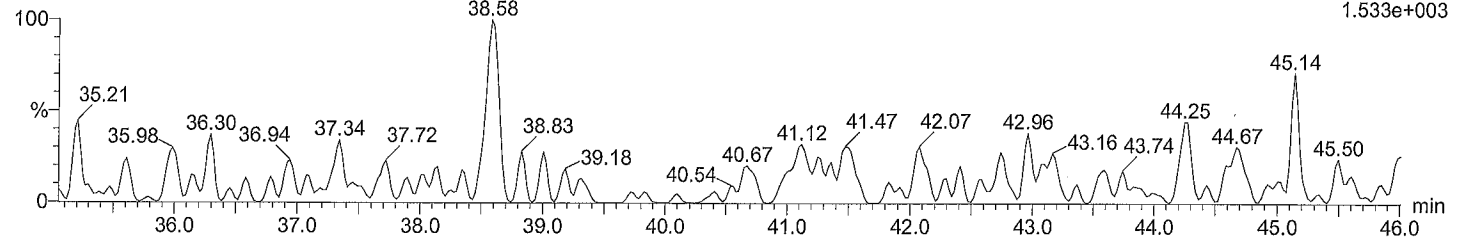
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Total OcCB F7

M2161205B11 Smooth(SG,3x1)

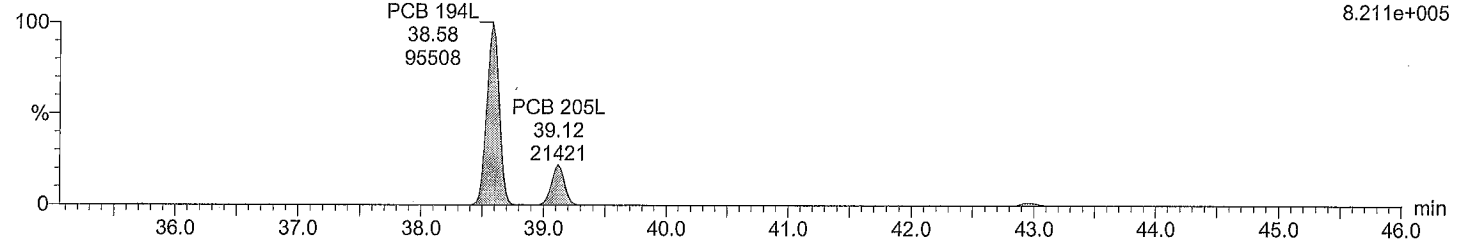
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI



Total OcCB labeled F7

M2161205B11 Smooth(SG,3x1)

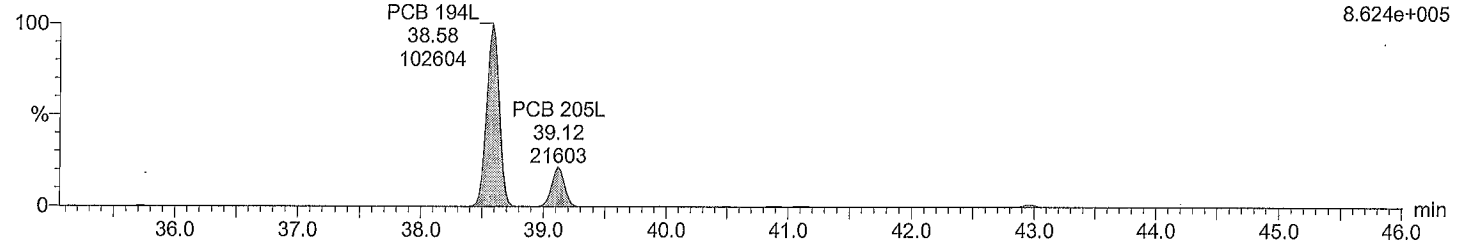
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI



Total OcCB labeled F7

M2161205B11 Smooth(SG,3x1)

DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 3:27:25 PM

Printed: Wednesday, December 07, 2016 3:29:12 PM

Description: DIS275-01R

Vial: 11

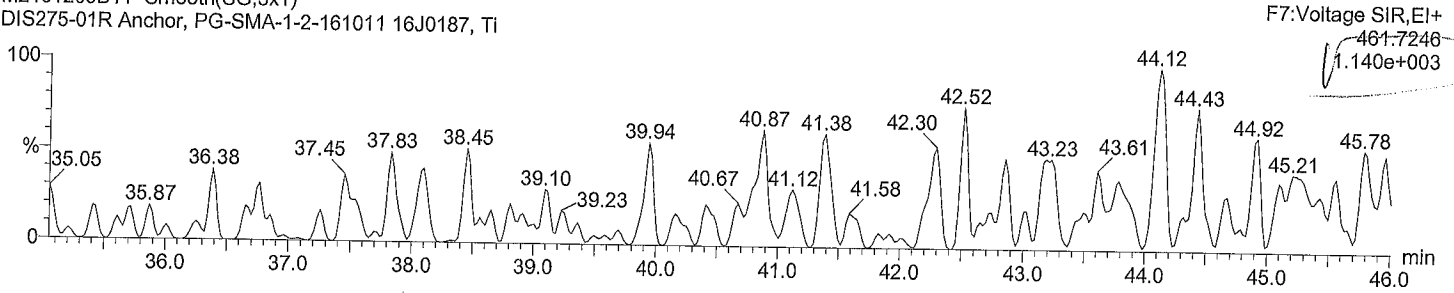
Date: 06-Dec-2016

Time: 04:00:14

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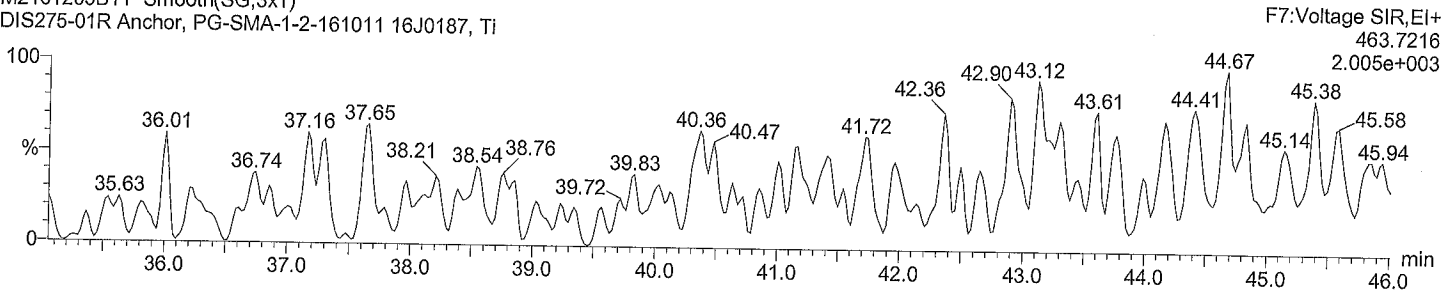
Total NoCB F7

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI



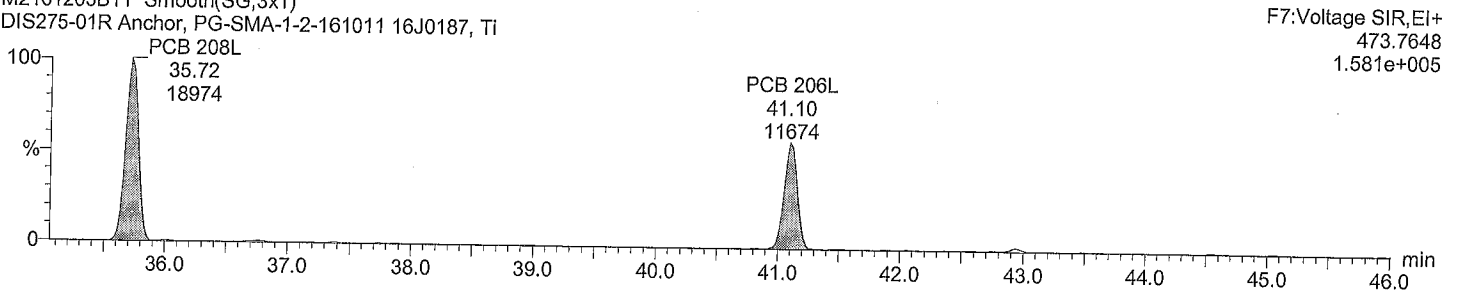
Total NoCB F7

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI



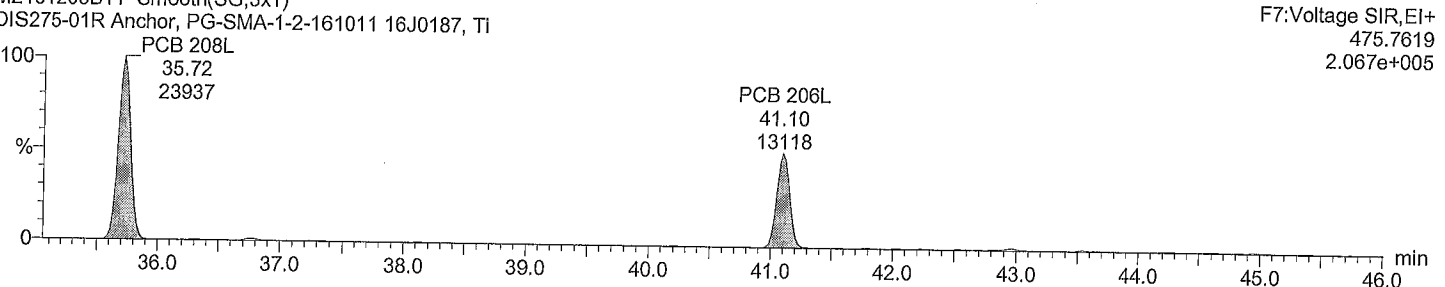
Total NoCB labeled F7

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI



Total NoCB labeled F7

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_samp.TI_1668A.qld

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Description: DIS275-01R

Vial: 11

Date: 06-Dec-2016

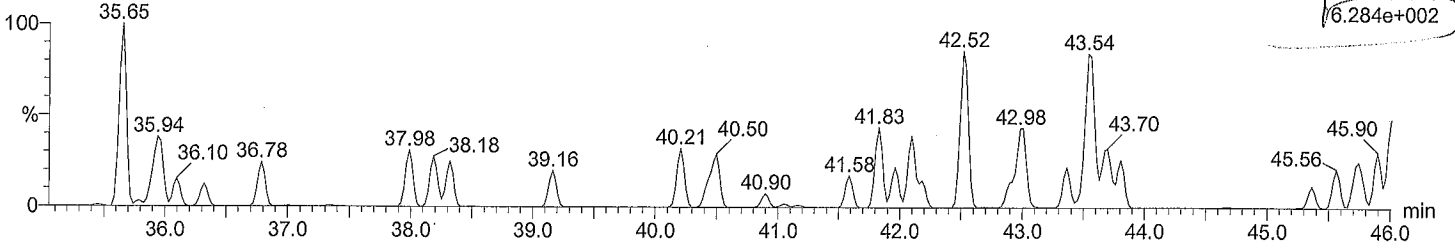
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Instrument:

Total DeCB F7

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DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti

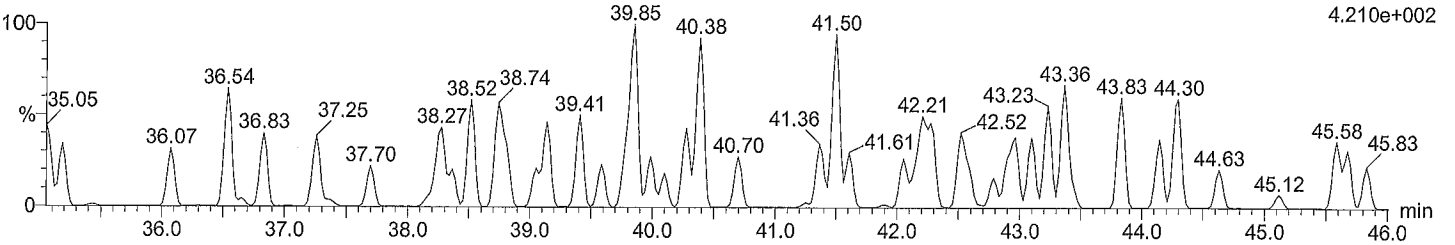
F7:Voltage SIR,EI+
497.6826
6.284e+002



Total DeCB F7

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti

F7:Voltage SIR,EI+
499.6797
4.210e+002

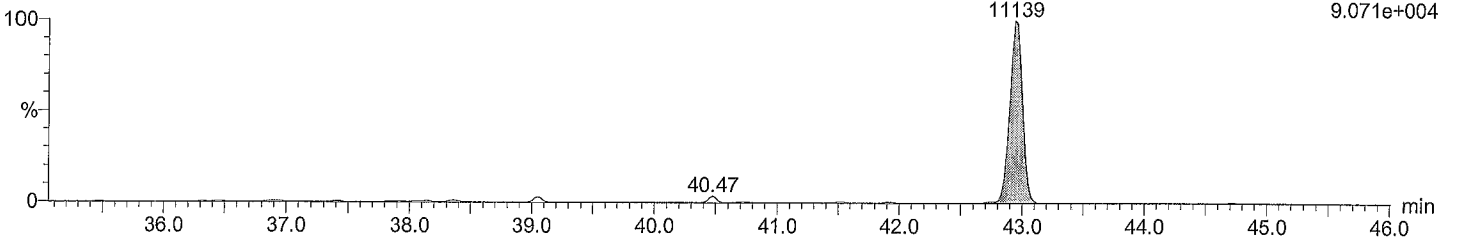


Total DeCB labeled F7

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti

PCB 209L
42.94
11139

F7:Voltage SIR,EI+
509.7229
9.071e+004

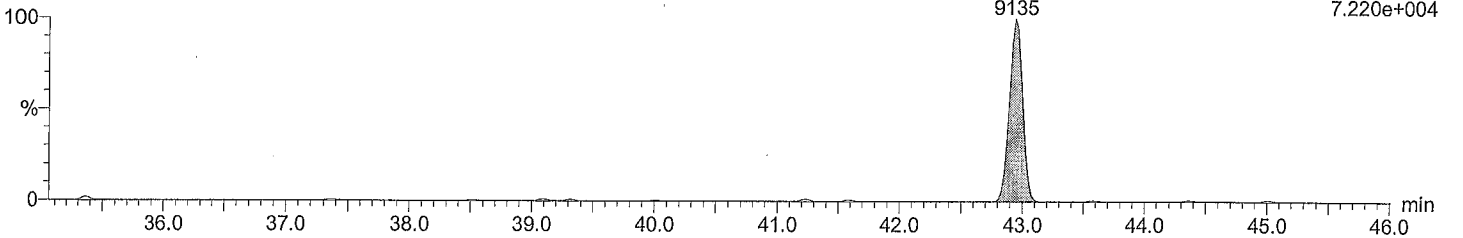


Total DeCB labeled F7

M2161205B11 Smooth(SG,3x1)
DIS275-01R Anchor, PG-SMA-1-2-161011 16J0187, Ti

PCB 209L
42.94
9135

F7:Voltage SIR,EI+
511.7199
7.220e+004



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 3:27:25 PM

Printed: Wednesday, December 07, 2016 3:29:12 PM

Description: DIS275-01R

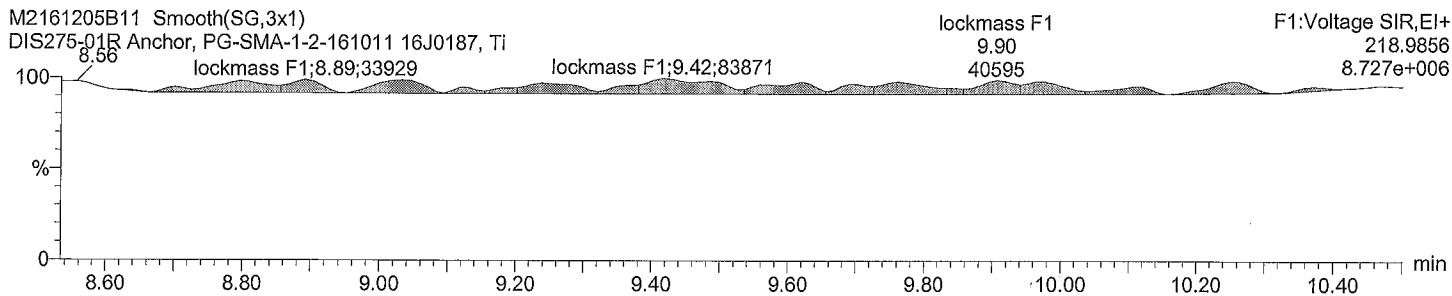
Vial: 11

Date: 06-Dec-2016

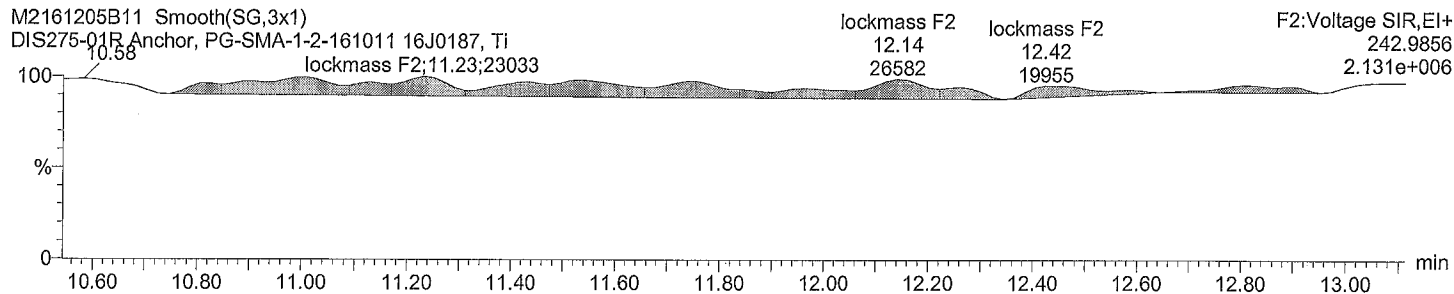
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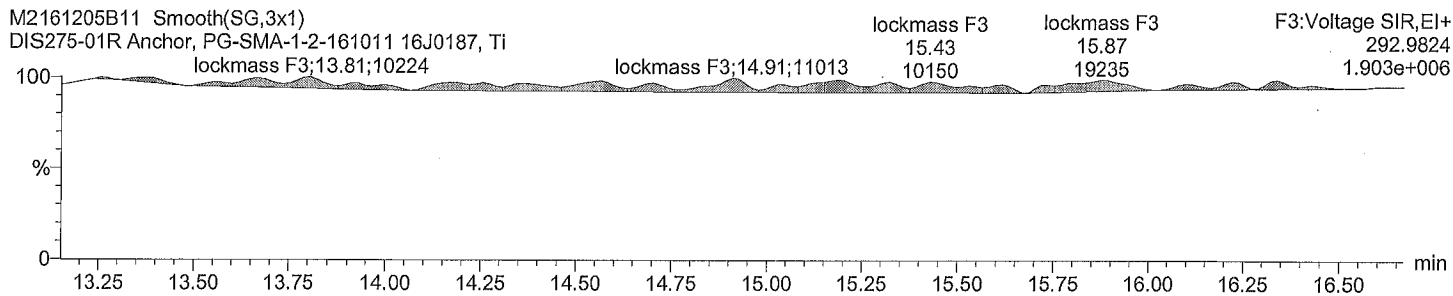
lockmass F1



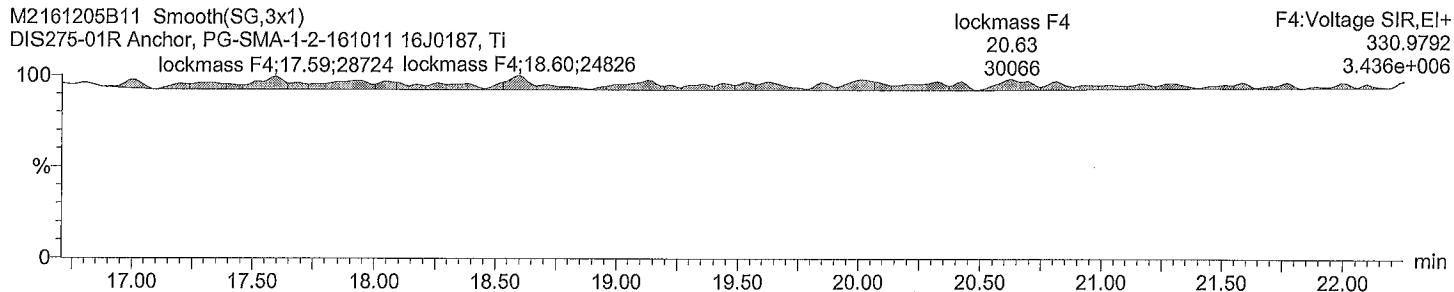
lockmass F2



lockmass F3



lockmass F4



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 3:27:25 PM

Printed: Wednesday, December 07, 2016 3:29:12 PM

Description: DIS275-01R

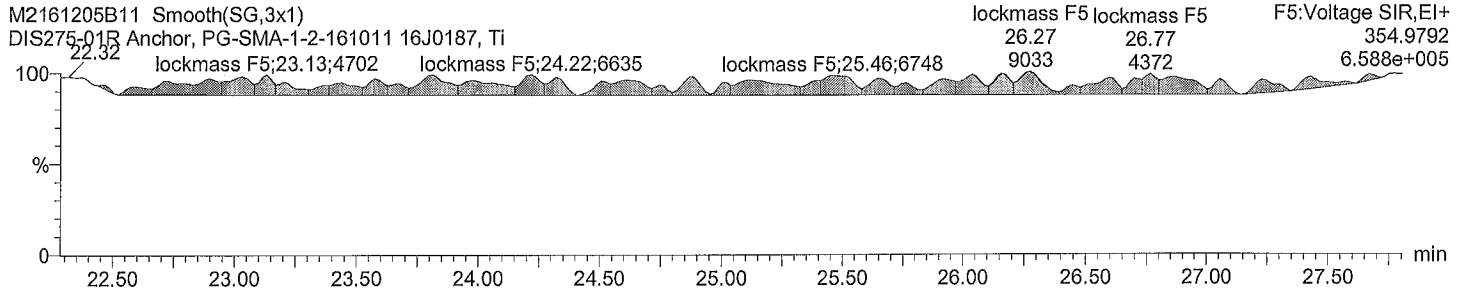
Vial: 11

Date: 06-Dec-2016

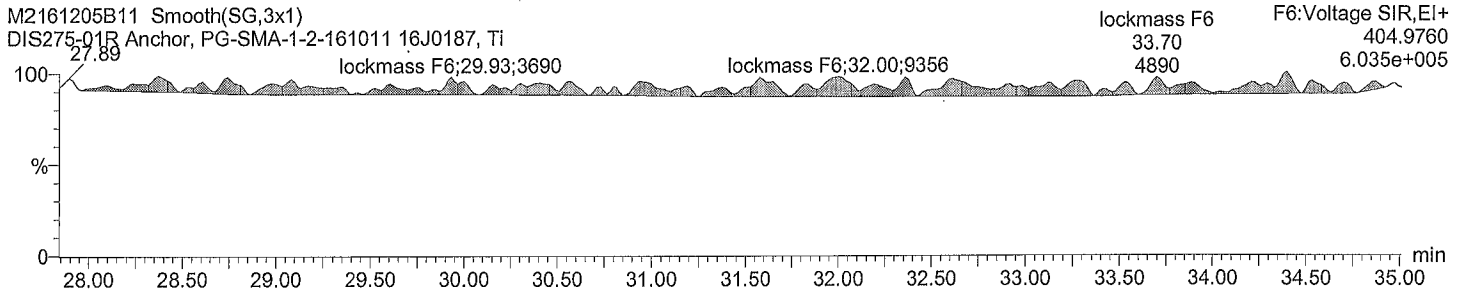
Time: 04:00:14

Instrument:

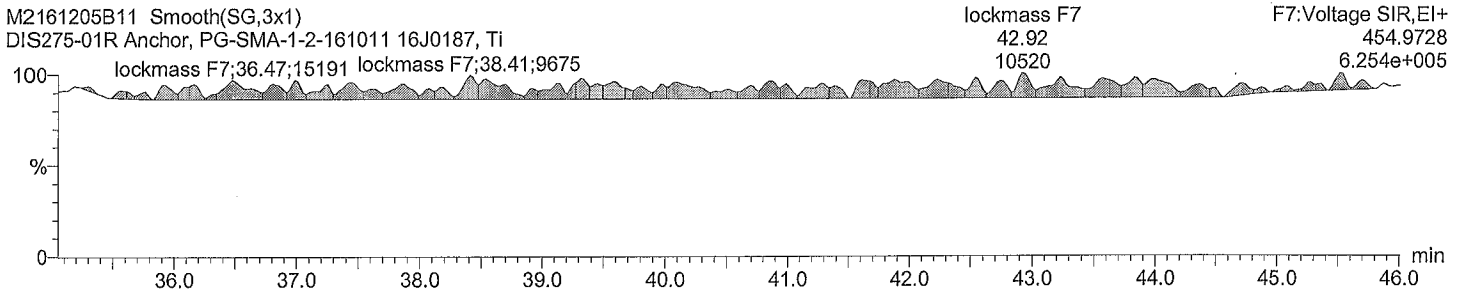
lockmass F5



lockmass F6



lockmass F7



PG-SMA-1-2-161011 16J0187 DUPLICATE

| | | | | |
|-------------------------------|------------------------------|---------------------------|------------------|--------------------------|
| Lab Name | <u>Maxxam Analytics Inc.</u> | | Lab Sample ID: | <u>B6N4556-DIS275</u> |
| Method | <u>EPA 1668A m</u> | | Project Number: | <u>PORT GAMBLE</u> |
| Matrix: | <u>tissue</u> | | Project Name: | <u></u> |
| Sample wt/vol: | <u>10.03</u> | (g) <u>g (dry weight)</u> | Lab File ID: | <u>M2161205B12</u> |
| Level (low/med): | <u>low</u> | | Date Received: | <u>October 28, 2016</u> |
| % Moisture: | <u>Not applicable</u> | Decanted (Y/N): <u>N</u> | Date Extracted: | <u>November 28, 2016</u> |
| Concentrated Extract Volume: | <u>100</u> | (uL) | Lab Batch: | <u>4779396</u> |
| Injection Volume: | <u>1</u> | (uL) | Date Analyzed: | <u>December 6, 2016</u> |
| Acid/Base Wash Cleanup (Y/N): | <u>N</u> | pH <u>Not analyzed</u> | Calib. Ref.: | <u>November 29, 2016</u> |
| Silica Column Cleanup (Y/N): | <u>Y</u> | | Time Analyzed: | <u>04:50</u> |
| Alumina Column Cleanup (Y/N): | <u>N</u> | | Dilution Factor: | <u>1</u> |
| Carbon Column Cleanup (Y/N): | <u>N</u> | | | |
| GPC Column Cleanup (Y/N): | <u>N</u> | | | |

| CAS Number | Compound | Concentration (ng/g) | EDL (ng/g) | TE (ng/g) | REPORTING LIMIT (ng/g) |
|-----------------|--------------------------|----------------------|------------|--------------|------------------------|
| 2051-60-7 | 2-MonoCB-(1) | 0.0022 U | 0.0022 | | 0.010 |
| 33146-45-1 | 2,6-DiCB-(10) | 0.030 U | 0.030 | | 0.010 |
| 60145-21-3 | 22'45'6'-PentaCB-(103) | 0.0018 U | 0.0018 | | 0.010 |
| 56558-16-8 | 22'466'-PentaCB-(104) | 0.0013 U | 0.0013 | | 0.010 |
| 32598-14-4 | 233'44'-PentaCB-(105) | 0.0231 | 0.0014 | 0.000000693 | 0.010 |
| 70424-69-0 | 233'45'-PentaCB-(106) | 0.0010 U | 0.0010 | | 0.010 |
| 70424-68-9 | 233'4'5'-PentaCB-(107) | 0.00449 J | 0.00088 | | 0.010 |
| 70362-41-3 | PentaCB-(108)+(124) | 0.0019 U | 0.0019 | | 0.020 |
| 2050-67-1 | 3,3'-DiCB-(11) | 0.0080 J | 0.0075 | | 0.010 |
| 38380-03-9 | PentaCB-(110)+(115) | 0.0533 | 0.0020 | | 0.020 |
| 39635-32-0 | 233'55'-PentaCB-(111) | 0.0018 U | 0.0018 | | 0.010 |
| 74472-36-9 | 233'56'-PentaCB-(112) | 0.0016 U | 0.0016 | | 0.010 |
| 74472-37-0 | 2344'5'-PentaCB-(114) | 0.0014 U | 0.0014 | 0.0000000420 | 0.010 |
| 31508-00-6 | 23'44'5'-PentaCB-(118) | 0.0707 | 0.0014 | 0.00000212 | 0.010 |
| 2974-92-7..90-5 | DiCB-(12)+(13) | 0.0083 U | 0.0083 | | 0.020 |
| 68194-12-7 | 23'455'-PentaCB-(120) | 0.0016 U | 0.0016 | | 0.010 |
| 56558-18-0 | 23'45'6'-PentaCB-(121) | 0.0017 U | 0.0017 | | 0.010 |
| 76842-07-4 | 233'4'5'-PentaCB-(122) | 0.0010 U | 0.0010 | | 0.010 |
| 65510-44-3 | 23'44'5'-PentaCB-(123) | 0.0015 U | 0.0015 | 0.0000000450 | 0.010 |
| 57465-28-8 | 33'44'5'-PentaCB-(126) | 0.0014 U | 0.0014 | 0.000140 | 0.010 |
| 39635-33-1 | 33'455'-PentaCB-(127) | 0.00092 U | 0.00092 | | 0.010 |
| 38380-07-3 | HexaCB-(128)+(166) | 0.0194 J | 0.0052 | | 0.10 |
| 55215-18-4 | HexaCB-(129)+(138)+(163) | 0.144 J | 0.0056 | | 0.15 |
| 52663-66-8 | 22'33'45'-HexaCB-(130) | 0.0064 U | 0.0064 | | 0.050 |
| 61798-70-7 | 22'33'46'-HexaCB-(131) | 0.0068 U | 0.0068 | | 0.050 |
| 38380-05-1 | 22'33'46'-HexaCB-(132) | 0.0138 J | 0.0068 | | 0.050 |
| 35694-04-3 | 22'33'55'-HexaCB-(133) | 0.0058 U | 0.0058 | | 0.050 |
| 52704-70-8 | HexaCB-(134)+(143) | 0.0064 U | 0.0064 | | 0.10 |
| 52744-13-5 | HexaCB-(135)+(151) | 0.041 J | 0.014 | | 0.10 |
| 38411-22-2 | 22'33'66'-HexaCB-(136) | 0.0086 U | 0.0086 | | 0.050 |
| 35694-06-5 | 22'344'5'-HexaCB-(137) | 0.0063 U | 0.0063 | | 0.050 |
| 56030-56-9 | HexaCB-(139)+(140) | 0.0055 U | 0.0055 | | 0.10 |
| 34883-41-5 | 3,5-DiCB-(14) | 0.0071 U | 0.0071 | | 0.010 |
| 52712-04-6 | 22'3455'-HexaCB-(141) | 0.0060 U | 0.0060 | | 0.10 |
| 41411-61-4 | 22'3456'-HexaCB-(142) | 0.0060 U | 0.0060 | | 0.050 |
| 68194-14-9 | 22'345'6'-HexaCB-(144) | 0.013 U | 0.013 | | 0.050 |
| 74472-40-5 | 22'3466'-HexaCB-(145) | 0.011 U | 0.011 | | 0.050 |
| 51908-16-8 | 22'34'55'-HexaCB-(146) | 0.0325 J | 0.0052 | | 0.050 |
| 68194-13-8 | HexaCB-(147)+(149) | 0.0869 J | 0.0058 | | 0.10 |
| 74472-41-6 | 22'34'56'-HexaCB-(148) | 0.013 U | 0.013 | | 0.050 |
| 2050-68-2 | 4,4'-DiCB-(15) | 0.016 U | 0.016 | | 0.010 |
| 68194-08-1 | 22'34'66'-HexaCB-(150) | 0.011 U | 0.011 | | 0.050 |
| 68194-09-2 | 22'3566'-HexaCB-(152) | 0.0092 U | 0.0092 | | 0.050 |
| 35065-27-1 | HexaCB-(153)+(168) | 0.194 | 0.0047 | | 0.10 |
| 60145-22-4 | 22'44'56'-HexaCB-(154) | 0.012 U | 0.012 | | 0.050 |
| 33979-03-2 | 22'44'66'-HexaCB-(155) | 0.0065 U | 0.0065 | | 0.050 |
| 38380-08-4 | HexaCB-(156)+(157) | 0.00762 J | 0.00099 | 0.000000229 | 0.020 |
| 74472-42-7 | 233'44'6'-HexaCB-(158) | 0.0096 J | 0.0042 | | 0.050 |

PG-SMA-1-2-161011 16J0187 DUPLICATE

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|-------------------------------|------------------------------|---------------------------|------------------|--------------------------|
| Lab Name | <u>Maxxam Analytics Inc.</u> | | Lab Sample ID: | <u>B6N4556-DIS275</u> |
| Method | <u>EPA 1668A m</u> | | Project Number: | <u>PORT GAMBLE</u> |
| Matrix: | <u>tissue</u> | | Project Name: | <u></u> |
| Sample wt/vol: | <u>10.03</u> | (g) <u>g (dry weight)</u> | Lab File ID: | <u>M2161205B12</u> |
| Level (low/med): | <u>low</u> | | Date Received: | <u>October 28, 2016</u> |
| % Moisture: | <u>Not applicable</u> | Decanted (Y/N): <u>N</u> | Date Extracted: | <u>November 28, 2016</u> |
| Concentrated Extract Volume: | <u>100</u> | (uL) | Lab Batch: | <u>4779396</u> |
| Injection Volume: | <u>1</u> | (uL) | Date Analyzed: | <u>December 6, 2016</u> |
| Acid/Base Wash Cleanup (Y/N): | <u>N</u> | pH <u>Not analyzed</u> | Calib. Ref.: | <u>November 29, 2016</u> |
| Silica Column Cleanup (Y/N): | <u>Y</u> | | Time Analyzed: | <u>04:50</u> |
| Alumina Column Cleanup (Y/N): | <u>N</u> | | Dilution Factor: | <u>1</u> |
| Carbon Column Cleanup (Y/N): | <u>N</u> | | | |
| GPC Column Cleanup (Y/N): | <u>N</u> | | | |

| CAS Number | Compound | Concentration (ng/g) | EDL (ng/g) | TE (ng/g) | REPORTING LIMIT (ng/g) |
|-----------------|-----------------------------|----------------------|------------|--------------|------------------------|
| 39635-35-3 | 233'455'-HexaCB-(159) | 0.0041 U | 0.0041 | | 0.050 |
| 38444-78-9 | 22'3-TriCB-(16) | 0.0049 U | 0.0049 | | 0.010 |
| 41411-62-5 | 233'456'-HexaCB-(160) | 0.0053 U | 0.0053 | | 0.050 |
| 74472-43-8 | 233'45'6'-HexaCB-(161) | 0.0042 U | 0.0042 | | 0.050 |
| 39635-34-2 | 233'4'55'-HexaCB-(162) | 0.0045 U | 0.0045 | | 0.050 |
| 74472-45-0 | 233'4'5'6'-HexaCB-(164) | 0.0046 U | 0.0046 | | 0.050 |
| 74472-46-1 | 233'55'6'-HexaCB-(165) | 0.0050 U | 0.0050 | | 0.050 |
| 52663-72-6 | 23'44'55'-HexaCB-(167) | 0.0048 J | 0.0011 | 0.000000144 | 0.010 |
| 32774-16-6 | 33'44'55'-HexaCB-(169) | 0.0011 U | 0.0011 | 0.0000330 | 0.010 |
| 37680-66-3 | 22'4-TriCB-(17) | 0.0043 U | 0.0043 | | 0.010 |
| 35065-30-6 | 22'33'44'5'-HeptaCB-(170) | 0.0065 J | 0.0035 | | 0.050 |
| 52663-71-5 | HeptaCB-(171)+(173) | 0.0071 U | 0.0071 | | 0.10 |
| 52663-74-8 | 22'33'455'-HeptaCB-(172) | 0.0047 U | 0.0047 | | 0.050 |
| 38411-25-5 | 22'33'456'-HeptaCB-(174) | 0.0048 U | 0.0048 | | 0.050 |
| 40186-70-7 | 22'33'45'6'-HeptaCB-(175) | 0.0044 U | 0.0044 | | 0.050 |
| 52663-65-7 | 22'33'466'-HeptaCB-(176) | 0.0033 U | 0.0033 | | 0.050 |
| 52663-70-4 | 22'33'45'6'-HeptaCB-(177) | 0.0151 J | 0.0046 | | 0.050 |
| 52663-67-9 | 22'33'55'6'-HeptaCB-(178) | 0.0106 J | 0.0047 | | 0.050 |
| 52663-64-6 | 22'33'566'-HeptaCB-(179) | 0.0106 J | 0.0032 | | 0.050 |
| 37680-65-2 | TriCB-(18)+(30) | 0.0045 J | 0.0035 | | 0.020 |
| 35065-29-3 | HeptaCB-(180)+(193) | 0.018 U | 0.018 | | 0.10 |
| 74472-47-2 | 22'344'56'-HeptaCB-(181) | 0.0048 U | 0.0048 | | 0.050 |
| 60145-23-5 | 22'344'56'-HeptaCB-(182) | 0.0045 U | 0.0045 | | 0.050 |
| 52663-69-1 | 22'344'5'6'-HeptaCB-(183) | 0.0177 J | 0.0040 | | 0.050 |
| 74472-48-3 | 22'344'66'-HeptaCB-(184) | 0.0034 U | 0.0034 | | 0.050 |
| 52712-05-7 | 22'3455'6'-HeptaCB-(185) | 0.0047 U | 0.0047 | | 0.050 |
| 74472-49-4 | 22'34566'-HeptaCB-(186) | 0.0038 U | 0.0038 | | 0.050 |
| 52663-68-0 | 22'34'55'6'-HeptaCB-(187) | 0.0635 | 0.0047 | | 0.050 |
| 74487-85-7 | 22'34'566'-HeptaCB-(188) | 0.00089 U | 0.00089 | | 0.010 |
| 39635-31-9 | 233'44'55'-HeptaCB-(189) | 0.0023 U | 0.0023 | 0.0000000690 | 0.010 |
| 38444-73-4 | 22'6-TriCB-(19) | 0.0026 U | 0.0026 | | 0.010 |
| 41411-64-7 | 233'44'56'-HeptaCB-(190) | 0.0036 U | 0.0036 | | 0.050 |
| 74472-50-7 | 233'44'5'6'-HeptaCB-(191) | 0.0034 U | 0.0034 | | 0.050 |
| 74472-51-8 | 233'455'6'-HeptaCB-(192) | 0.0041 U | 0.0041 | | 0.050 |
| 35694-08-7 | 22'33'44'55'-OctaCB-(194) | 0.0045 U | 0.0045 | | 0.050 |
| 52663-78-2 | 22'33'44'56'-OctaCB-(195) | 0.0048 U | 0.0048 | | 0.050 |
| 42740-50-1 | 22'33'44'56'-OctaCB-(196) | 0.0073 U | 0.0073 | | 0.050 |
| 33091-17-7 | 22'33'44'66'-OctaCB-(197) | 0.0059 U | 0.0059 | | 0.050 |
| 68194-17-2 | OctaCB-(198)+(199) | 0.0077 U | 0.0077 | | 0.10 |
| 2051-61-8 | 3-MonoCB-(2) | 0.0017 U | 0.0017 | | 0.010 |
| 38444-84-7 | TriCB-(20) + (28) | 0.0167 J | 0.00032 | | 0.020 |
| 52663-73-7 | 22'33'4566'-OctaCB-(200) | 0.0050 U | 0.0050 | | 0.050 |
| 40186-71-8 | 22'33'45'66'-OctaCB-(201) | 0.0051 U | 0.0051 | | 0.050 |
| 2136-99-4 | 22'33'55'66'-OctaCB-(202) | 0.0058 U | 0.0058 | | 0.050 |
| 52663-76-0 | 22'344'55'6'-OctaCB-(203) | 0.0078 U | 0.0078 | | 0.050 |
| 74472-52-9 | 22'344'566'-OctaCB-(204) | 0.0051 U | 0.0051 | | 0.050 |
| 74472-53-0 | 233'44'55'6'-OctaCB-(205) | 0.0021 U | 0.0021 | | 0.010 |
| 40186-72-9 | 22'33'44'55'6'-NonaCB-(206) | 0.0044 U | 0.0044 | | 0.010 |

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|-------------------------------|------------------------------|---------------------------|------------------|--------------------------|
| Lab Name | <u>Maxxam Analytics Inc.</u> | | Lab Sample ID: | <u>B6N4556-DIS275</u> |
| Method | <u>EPA 1668A m</u> | | Project Number: | <u>PORT GAMBLE</u> |
| Matrix: | <u>tissue</u> | | Project Name: | <u></u> |
| Sample wt/vol: | <u>10.03</u> | (g) <u>g (dry weight)</u> | Lab File ID: | <u>M2161205B12</u> |
| Level (low/med): | <u>low</u> | | Date Received: | <u>October 28, 2016</u> |
| % Moisture: | <u>Not applicable</u> | Decanted (Y/N): <u>N</u> | Date Extracted: | <u>November 28, 2016</u> |
| Concentrated Extract Volume: | <u>100</u> | (uL) | Lab Batch: | <u>4779396</u> |
| Injection Volume: | <u>1</u> | (uL) | Date Analyzed: | <u>December 6, 2016</u> |
| Acid/Base Wash Cleanup (Y/N): | <u>N</u> | pH <u>Not analyzed</u> | Calib. Ref.: | <u>November 29, 2016</u> |
| Silica Column Cleanup (Y/N): | <u>Y</u> | | Time Analyzed: | <u>04:50</u> |
| Alumina Column Cleanup (Y/N): | <u>N</u> | | Dilution Factor: | <u>1</u> |
| Carbon Column Cleanup (Y/N): | <u>N</u> | | | |
| GPC Column Cleanup (Y/N): | <u>N</u> | | | |

| CAS Number | Compound | Concentration (ng/g) | EDL (ng/g) | TE (ng/g) | REPORTING LIMIT (ng/g) |
|-----------------|-----------------------------|----------------------|------------|-----------|------------------------|
| 52663-79-3 | 22'33'44'566'-NonaCB-(207) | 0.0036 U | 0.0036 | | 0.010 |
| 52663-77-1 | 22'33'455'66'-NonaCB-(208) | 0.0044 U | 0.0044 | | 0.010 |
| 2051-24-3 | DecaCB-(209) | 0.0057 U | 0.0057 | | 0.010 |
| 55702-46-0 | TriCB-(21)+(33) | 0.00385 J | 0.00031 | | 0.020 |
| 38444-85-8 | 234'-TriCB-(22) | 0.00229 J | 0.00036 | | 0.010 |
| 55720-44-0 | 235'-TriCB-(23) | 0.00034 U | 0.00034 | | 0.010 |
| 55702-45-9 | 236'-TriCB-(24) | 0.0037 U | 0.0037 | | 0.010 |
| 55712-37-3 | 234'-TriCB-(25) | 0.00084 U | 0.00084 | | 0.010 |
| 38444-81-4 | TriCB-(26)+(29) | 0.00174 J | 0.00029 | | 0.020 |
| 38444-76-7 | 236'-TriCB-(27) | 0.0030 U | 0.0030 | | 0.010 |
| 2051-62-9 | 4-MonoCB-(3) | 0.0022 U | 0.0022 | | 0.010 |
| 16606-02-3 | 24'5'-TriCB-(31) | 0.00756 J | 0.00028 | | 0.010 |
| 38444-77-8 | 24'6'-TriCB-(32) | 0.0027 U | 0.0027 | | 0.010 |
| 37680-68-5 | 23'5'-TriCB-(34) | 0.00030 U | 0.00030 | | 0.010 |
| 37680-69-6 | 33'4'-TriCB-(35) | 0.00031 U | 0.00031 | | 0.010 |
| 38444-87-0 | 33'5'-TriCB-(36) | 0.00027 U | 0.00027 | | 0.010 |
| 38444-90-5 | 344'-TriCB-(37) | 0.00271 J | 0.00063 | | 0.010 |
| 53555-66-1 | 345'-TriCB-(38) | 0.00032 U | 0.00032 | | 0.010 |
| 38444-88-1 | 34'5'-TriCB-(39) | 0.00032 U | 0.00032 | | 0.010 |
| 13029-08-8 | 22'-DiCB-(4) | 0.025 U | 0.025 | | 0.010 |
| 38444-93-8 | TetraCB-(40)+(41)+(71) | 0.0106 J | 0.0019 | | 0.030 |
| 36559-22-5 | 22'34'-TetraCB-(42) | 0.0047 J | 0.0021 | | 0.010 |
| 70362-46-8 | 22'35'-TetraCB-(43) | 0.0028 U | 0.0028 | | 0.010 |
| 41464-39-5 | TetraCB-(44)+(47)+(65) | 0.0328 | 0.0017 | | 0.030 |
| 70362-45-7 | TetraCB-(45)+(51) | 0.0019 U | 0.0019 | | 0.020 |
| 41464-47-5 | 22'36'-TetraCB-(46) | 0.0021 U | 0.0021 | | 0.010 |
| 70362-47-9 | 22'45'-TetraCB-(48) | 0.0056 J | 0.0020 | | 0.010 |
| 41464-47-5 | TetraCB-(49)+TetraCB-(69) | 0.0113 J | 0.0015 | | 0.020 |
| 16605-91-7 | 2,3-DiCB-(5) | 0.0092 U | 0.0092 | | 0.010 |
| 62796-65-0 | TetraCB-(50)+(53) | 0.0041 U | 0.0041 | | 0.020 |
| 35693-99-3 | 22'55'-TetraCB-(52) | 0.0369 | 0.0016 | | 0.010 |
| 15968-05-5 | 22'66'-TetraCB-(54) | 0.00048 U | 0.00048 | | 0.010 |
| 74338-24-2 | 233'4'-TetraCB-(55) | 0.00076 U | 0.00076 | | 0.010 |
| 41464-43-1 | 233'4'-TetraCB-(56) | 0.00400 J | 0.00078 | | 0.010 |
| 70424-67-8 | 233'5'-TetraCB-(57) | 0.00066 U | 0.00066 | | 0.010 |
| 41464-49-7 | 233'5'-TetraCB-(58) | 0.00073 U | 0.00073 | | 0.010 |
| 74472-33-6 | TetraCB-(59)+(62)+(75) | 0.0027 J | 0.0014 | | 0.030 |
| 25569-80-6 | 2,3-DiCB-(6) | 0.0072 U | 0.0072 | | 0.010 |
| 33025-41-1 | 2344'-TetraCB-(60) | 0.00350 J | 0.00078 | | 0.010 |
| 33284-53-6 | TetraCB-(61)+(70)+(74)+(76) | 0.0366 J | 0.00071 | | 0.040 |
| 74472-34-7 | 234'5'-TetraCB-(63) | 0.00121 J | 0.00064 | | 0.010 |
| 52663-58-8 | 234'6'-TetraCB-(64) | 0.0051 J | 0.0014 | | 0.010 |
| 32598-10-0 | 23'44'-TetraCB-(66) | 0.0178 | 0.00064 | | 0.010 |
| 73575-53-8 | 23'45'-TetraCB-(67) | 0.00061 U | 0.00061 | | 0.010 |
| 73575-52-7 | 23'45'-TetraCB-(68) | 0.0011 U | 0.0011 | | 0.010 |
| 33284-50-3 | 2,4-DiCB-(7) | 0.0081 U | 0.0081 | | 0.010 |
| 41464-42-0 | 23'55'-TetraCB-(72) | 0.00087 J | 0.00064 | | 0.010 |
| 74338-23-1 | 23'5'6'-TetraCB-(73) | 0.0013 U | 0.0013 | | 0.010 |

PG-SMA-1-2-161011 16J0187 DUPLICATE

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|-------------------------------|------------------------------|-----------------|---------------------|--------------------------|
| Lab Name | <u>Maxxam Analytics Inc.</u> | | Lab Sample ID: | <u>B6N4556-DIS275</u> |
| Method | <u>EPA 1668A m</u> | | Project Number: | <u>PORT GAMBLE</u> |
| Matrix: | <u>tissue</u> | | Project Name: | <u></u> |
| Sample wt/vol: | <u>10.03</u> | (g) | Lab File ID: | <u>M2161205B12</u> |
| Level (low/med): | <u>low</u> | | Date Received: | <u>October 28, 2016</u> |
| % Moisture: | <u>Not applicable</u> | Decanted (Y/N): | Date Extracted: | <u>November 28, 2016</u> |
| Concentrated Extract Volume: | <u>100</u> | (uL) | Lab Batch: | <u>4779396</u> |
| Injection Volume: | <u>1</u> | (uL) | Date Analyzed: | <u>December 6, 2016</u> |
| Acid/Base Wash Cleanup (Y/N): | <u>N</u> | | Calib. Ref.: | <u>November 29, 2016</u> |
| Silica Column Cleanup (Y/N): | <u>Y</u> | | Time Analyzed: | <u>04:50</u> |
| Alumina Column Cleanup (Y/N): | <u>N</u> | | Dilution Factor: | <u>1</u> |
| Carbon Column Cleanup (Y/N): | <u>N</u> | | | |
| GPC Column Cleanup (Y/N): | <u>N</u> | | | |
| | | pH | <u>Not analyzed</u> | |

| CAS Number | Compound | Concentration (ng/g) | EDL (ng/g) | TE (ng/g) | REPORTING LIMIT (ng/g) |
|-----------------|-------------------------------------|----------------------|------------|-------------|------------------------|
| 32598-13-3 | 33'44'-TetraCB-(77) | 0.0024 J | 0.0011 | 0.000000240 | 0.010 |
| 70362-49-1 | 33'45'-TetraCB-(78) | 0.00069 U | 0.00069 | | 0.010 |
| 41464-48-6 | 33'45'-TetraCB-(79) | 0.00062 U | 0.00062 | | 0.010 |
| 34883-43-7 | 2,4'-DiCB-(8) | 0.0068 U | 0.0068 | | 0.010 |
| 33284-52-5 | 33'55'-TetraCB-(80) | 0.00060 U | 0.00060 | | 0.010 |
| 70362-50-4 | 344'5'-TetraCB-(81) | 0.0011 U | 0.0011 | 0.000000330 | 0.010 |
| 52663-62-4 | 22'33'4-PentaCB-(82) | 0.0047 J | 0.0025 | | 0.010 |
| 60145-20-2 | PentaCB-(83)+(99) | 0.0812 | 0.0024 | | 0.020 |
| 52663-60-2 | 22'33'6-PentaCB-(84) | 0.0088 J | 0.0025 | | 0.010 |
| 65510-45-4 | PentaCB-(85)+(116)+(117) | 0.0158 J | 0.0018 | | 0.030 |
| 55312-69-1 | PentaCB-(86)(87)(97)(109)(119)(125) | 0.0285 J | 0.0019 | | 0.060 |
| 55215-17-3 | PentaCB-(88)+(91) | 0.0036 U | 0.0036 | | 0.020 |
| 73575-57-2 | 22'346'-PentaCB-(89) | 0.0023 U | 0.0023 | | 0.010 |
| 34883-39-1 | 2,5-DiCB-(9) | 0.0071 U | 0.0071 | | 0.010 |
| 68194-07-0 | PentaCB-(90)+(101)+(113) | 0.0950 | 0.0019 | | 0.030 |
| 52663-61-3 | 22'355'-PentaCB-(92) | 0.0196 | 0.0022 | | 0.010 |
| 73575-56-1 | PentaCB-(93)+(98)+(100)+(102) | 0.0057 J | 0.0022 | | 0.040 |
| 73575-55-0 | 22'356'-PentaCB-(94) | 0.0025 U | 0.0025 | | 0.010 |
| 38379-99-6 | 22'35'6-PentaCB-(95) | 0.0477 | 0.0020 | | 0.010 |
| 73575-54-9 | 22'366'-PentaCB-(96) | 0.0022 U | 0.0022 | | 0.010 |

| CAS Number | Compound | Concentration (ng/g) | # of peaks |
|------------|-----------|----------------------|------------|
| 1336-36-3 | Total PCB | 1.36 | |
| NA | Total TEQ | 0.000177 | |

| CAS Number | Surrogate | Recovery (%) | Acceptance Criteria (%) |
|------------|--------------------------------|--------------|-------------------------|
| | C13-2-MonoCB-(1) | 31 | 15 - 140 |
| | C13-22'466'-PentaCB-(104) | 107 | 30 - 140 |
| | C13-233'44'-PentaCB-(105) | 77 | 30 - 140 |
| | C13-233'55'-PentaCB-(111) | 77 | 40 - 125 |
| | C13-2344'5-PentaCB-(114) | 80 | 30 - 140 |
| | C13-23'44'5-PentaCB-(118) | 80 | 30 - 140 |
| | C13-2'344'5-PentaCB-(123) | 82 | 30 - 140 |
| | C13-33'44'5-PentaCB-(126) | 60 | 30 - 140 |
| | C13-44'-DiCB-(15) | 73 | 30 - 140 |
| | C13-22'44'66'-HexaCB-(155) | 99 | 30 - 140 |
| | C13-HexaCB-(156)+(157) | 74 | 30 - 140 |
| | C13-23'44'55'-HexaCB-(167) | 79 | 30 - 140 |
| | C13-33'44'55'-HexaCB-(169) | 42 | 30 - 140 |
| | C13-22'33'44'5-HeptaCB-(170) | 95 | 30 - 140 |
| | C13-22'33'55'6-HeptaCB-(178) | 90 | 40 - 125 |
| | C13-22'344'55'-HeptaCB-(180) | 95 | 30 - 140 |
| | C13-22'34'566'-HeptaCB-(188) | 117 | 30 - 140 |
| | C13-233'44'55'-HeptaCB-(189) | 120 | 30 - 140 |
| | C13-22'6-TriCB-(19) | 60 | 30 - 140 |
| | C13-22'33'55'66'-OctaCB-(202) | 94 | 30 - 140 |
| | C13-233'44'55'6-OctaCB-(205) | 94 | 30 - 140 |
| | C13-22'33'44'55'6-NonaCB-(206) | 85 | 30 - 140 |

PG-SMA-1-2-161011 16J0187 DUPLICATE

| | | | | |
|-------------------------------|------------------------------|-----------------|---------------------|--------------------------|
| Lab Name | <u>Maxxam Analytics Inc.</u> | | Lab Sample ID: | <u>B6N4556-DIS275</u> |
| Method | <u>EPA 1668A m</u> | | Project Number: | <u>PORT GAMBLE</u> |
| Matrix: | <u>tissue</u> | | Project Name: | <u></u> |
| Sample wt/vol: | <u>10.03</u> | (g) | Lab File ID: | <u>M2161205B12</u> |
| Level (low/med): | <u>low</u> | | Date Received: | <u>October 28, 2016</u> |
| % Moisture: | <u>Not applicable</u> | Decanted (Y/N): | Date Extracted: | <u>November 28, 2016</u> |
| Concentrated Extract Volume: | <u>100</u> | (uL) | Lab Batch: | <u>4779396</u> |
| Injection Volume: | <u>1</u> | (uL) | Date Analyzed: | <u>December 6, 2016</u> |
| Acid/Base Wash Cleanup (Y/N): | <u>N</u> | | Calib. Ref.: | <u>November 29, 2016</u> |
| Silica Column Cleanup (Y/N): | <u>Y</u> | | Time Analyzed: | <u>04:50</u> |
| Alumina Column Cleanup (Y/N): | <u>N</u> | | Dilution Factor: | <u>1</u> |
| Carbon Column Cleanup (Y/N): | <u>N</u> | | | |
| GPC Column Cleanup (Y/N): | <u>N</u> | | | |
| | | pH | <u>Not analyzed</u> | |

| CAS Number | Compound | Concentration (%) | EDL (%) | TE (%) | REPORTING LIMIT (%) |
|-------------|--------------------------------|-------------------|-------------------------|--------|---------------------|
| CAS Number | Surrogate | Recovery (%) | Acceptance Criteria (%) | | |
| | C13-22'33'455'66'-NonaCB-(208) | 111 | 30 - 140 | | |
| 105600-27-9 | C13-DecaCB-(209) | 77 | 30 - 140 | | |
| | C13-2,44'-TriCB-(28) | 79 | 40 - 125 | | |
| | C13-4-MonoCB-(3) | 40 | 15 - 140 | | |
| | C13-344'-TriCB-(37) | 87 | 30 - 140 | | |
| | C13-22'-DiCB-(4) | 45 | 30 - 140 | | |
| | C13-22'66'-TetraCB-(54) | 88 | 30 - 140 | | |
| | C13-33'44'-TetraCB-(77) | 73 | 30 - 140 | | |
| | C13-344'5-TetraCB-(81) | 75 | 30 - 140 | | |

* Final Data.

Filename M2161205B12
Acquired 12/06/2016 4:50
Call File m2161205B_209

Sample ID DIS275-01R:D1
Comments
Instrument File Ullma 3
Sample Size 10.026

From 5X Dilution

WTRU CORRECTED
INT STD VALUES
(RSC) BY 2016/12/14

| Name | mass | RT | Area | ratio | Tot Area | ng/g | Code | Isomers | DL | S/N | Mod | rrf | Rec |
|--------------|-----------|--------|----------|-------|----------|----------|---------------|---------|----------|-----|-----|-------|-----|
| 1 PCB 1 | 188 | NotFnd | * | * | * | -0.00219 | | | -0.00219 | * | no | 1.296 | - |
| | MoCB 190 | 8.82 | * | no | * | | | | | * | | | |
| 2 PCB 2 | 188 | NotFnd | * | * | * | -0.00168 | | | -0.00168 | * | no | 1.697 | - |
| | MoCB 190 | 9.93 | * | no | * | | | | | * | | | |
| 3 PCB 3 | 188 | NotFnd | * | * | * | -0.00223 | | | -0.00223 | * | no | 1.276 | - |
| | MoCB 190 | 10.01 | * | no | * | | | | | * | | | |
| 4 PCB 4 | 222 | NotFnd | * | * | * | -0.02546 | | | -0.02546 | * | no | 1.186 | - |
| | DICB 224 | 10.12 | * | no | * | | | | | * | | | |
| 5 PCB 10 | 222 | NotFnd | * | * | * | -0.03014 | | | -0.03014 | * | no | 1.002 | - |
| | DICB 224 | 10.21 | * | no | * | | | | | * | | | |
| 6 PCB 9 | 222 | NotFnd | * | * | * | -0.00705 | | | -0.00705 | * | no | 2.318 | - |
| | DICB 224 | 11.01 | * | no | * | | | | | * | | | |
| 7 PCB 7 | 222 | NotFnd | * | * | * | -0.00811 | | | -0.00811 | * | no | 2.015 | - |
| | DICB 224 | 11.09 | * | no | * | | | | | * | | | |
| 8 PCB 6 | 222 | NotFnd | * | * | * | -0.00718 | | | -0.00718 | * | no | 2.278 | - |
| | DICB 224 | 11.19 | * | no | * | | | | | * | | | |
| 9 PCB 5 | 222 | NotFnd | * | * | * | -0.00917 | | | -0.00917 | * | no | 1.783 | - |
| | DICB 224 | 11.30 | * | no | * | | | | | * | | | |
| 10 PCB 8 | 222 | NotFnd | * | * | * | -0.00677 | | | -0.00677 | * | no | 2.416 | - |
| | DICB 224 | 11.36 | * | no | * | | | | | * | | | |
| 11 PCB 14 | 222 | NotFnd | * | * | * | -0.00715 | | | -0.00715 | * | no | 2.288 | - |
| | DICB 224 | 12.06 | * | no | * | | | | | * | | | |
| 12 PCB 11 | 222 | 12.42 | 11514 | 1.53 | 19037 | 0.008018 | | | -0.00751 | 67 | no | 2.176 | - |
| | DICB 224 | 12.43 | 7524 | yes | * | | | | | 3 | | | |
| 13 PCB 13/12 | 222 | NotFnd | * | * | * | -0.00827 | | | -0.00827 | * | no | 1.978 | - |
| | DICB 224 | 12.57 | * | no | * | | | | | * | | | |
| 14 PCB 15 | 222 | NotFnd | * | * | * | -0.01569 | | | -0.01569 | * | no | 1.042 | - |
| | DICB 224 | 12.71 | * | no | * | | | | | * | | | |
| 15 PCB 19 | 256 | NotFnd | * | * | * | -0.0026 | | | -0.0026 | * | no | 1.156 | - |
| | TriCB 258 | 11.49 | * | no | * | | | | | * | | | |
| 16 PCB 30/18 | 256 | 12.28 | 2501 | 1.03 | 4934 | 0.004474 | | | -0.00348 | 14 | no | 0.864 | - |
| | TriCB 258 | 12.30 | 2432 | yes | * | | | | | 16 | | | |
| 17 PCB 17 | 256 | 12.48 | 728 | 1.29 | 1294 | -0.00435 | | | -0.00435 | * | yes | 0.691 | - |
| | TriCB 258 | 12.48 | 568 | no | * | | | | | * | | | |
| 18 PCB 27 | 256 | NotFnd | * | * | * | -0.00298 | | | -0.00298 | * | no | 1.006 | - |
| | TriCB 258 | 12.60 | * | no | * | | | | | * | | | |
| 19 PCB 24 | 256 | NotFnd | * | * | * | -0.00374 | | | -0.00374 | * | no | 0.802 | - |
| | TriCB 258 | 12.65 | * | no | * | | | | | * | | | |
| 20 PCB 16 | 256 | NotFnd | * | * | * | -0.00489 | | | -0.00489 | * | no | 0.614 | - |
| | TriCB 258 | 12.71 | * | no | * | | | | | * | | | |
| 21 PCB 32 | 256 | 12.93 | 1003 | 1.39 | 1723 | -0.00273 | | | -0.00273 | * | no | 1.1 | - |
| | TriCB 258 | 12.93 | 720 | no | * | | | | | * | | | |
| 22 PCB 34 | 256 | NotFnd | * | * | * | -0.0003 | | | -0.0003 | * | no | 2.11 | - |
| | TriCB 258 | 13.52 | * | no | * | | | | | * | | | |
| 23 PCB 23 | 256 | NotFnd | * | * | * | -0.00034 | | | -0.00034 | * | no | 1.864 | - |
| | TriCB 258 | 13.61 | * | no | * | | | | | * | | | |
| 24 PCB 26/29 | 256 | 13.72 | 2403 | 1.03 | 4734 | 0.001741 | | | -0.00029 | 20 | no | 2.13 | - |
| | TriCB 258 | 13.76 | 2331 | yes | * | | | | | 22 | | | |
| 25 PCB 25 | 256 | 13.84 | -1157 | 1.04 | -2269.5 | -0.00084 | PCB 25 NDR | | -0.0003 | 10 | xL | 2.103 | - |
| | TriCB 258 | 13.84 | -1112.5 | OK | * | | | | | 10 | | | |
| 26 PCB 31 | 256 | 13.99 | 10717 | 1.02 | 21253 | 0.007562 | | | -0.00028 | 93 | no | 2.202 | - |
| | TriCB 258 | 14.00 | 10536 | yes | * | | | | | 94 | | | |
| 27 PCB 28/20 | 256 | 14.15 | 20637 | 0.97 | 41942 | 0.016674 | | | -0.00032 | 179 | no | 1.971 | - |
| | TriCB 258 | 14.16 | 21305 | yes | * | | | | | 196 | | | |
| 28 PCB 21/33 | 256 | 14.29 | 4927 | 1 | 9853 | 0.003845 | | | -0.00031 | 39 | no | 2.008 | - |
| | TriCB 258 | 14.26 | 4926 | yes | * | | | | | 40 | | | |
| 29 PCB 22 | 256 | 14.48 | 2559 | 0.99 | 5148 | 0.002293 | | | -0.00036 | 21 | no | 1.758 | - |
| | TriCB 258 | 14.48 | 2588 | yes | * | | | | | 21 | | | |
| 30 PCB 36 | 256 | NotFnd | * | * | * | -0.00027 | | | -0.00027 | * | no | 2.334 | - |
| | TriCB 258 | 15.29 | * | no | * | | | | | * | | | |
| 31 PCB 39 | 256 | NotFnd | * | * | * | -0.00032 | | | -0.00032 | * | no | 1.922 | - |
| | TriCB 258 | 15.51 | * | no | * | | | | | * | | | |
| 32 PCB 38 | 256 | NotFnd | * | * | * | -0.00032 | | | -0.00032 | * | no | 1.971 | - |
| | TriCB 258 | 15.86 | * | no | * | | | | | * | | | |
| 33 PCB 35 | 256 | NotFnd | * | * | * | -0.00031 | | | -0.00031 | * | no | 2.017 | - |
| | TriCB 258 | 16.13 | * | no | * | | | | | * | | | |
| 34 PCB 37 | 256 | 16.37 | 2834 | 1.08 | 5469 | 0.002706 | | | -0.00063 | 22 | no | 0.985 | - |
| | TriCB 258 | 16.37 | 2835 | yes | * | | | | | 20 | | | |
| 35 PCB 54 | 290 | NotFnd | * | * | * | -0.00048 | | | -0.00048 | * | no | 1.02 | - |
| | TCB 292 | 12.88 | * | no | * | | | | | * | | | |
| 36 PCB 53/50 | 290 | 13.86 | -1570.8 | 0.77 | -3610.8 | -0.00407 | PCB 53/50 NDR | | -0.00171 | 12 | xL | 0.872 | - |
| | TCB 292 | 13.89 | -2040 | OK | * | | | | | 9 | | | |
| 37 PCB 45/51 | 290 | 14.22 | -686 | 0.77 | -1576.91 | -0.00188 | PCB 45/51 NDR | | -0.00181 | 3 | xL | 0.826 | - |
| | TCB 292 | 14.24 | -890.909 | OK | * | | | | | 5 | | | |
| 38 PCB 46 | 290 | 14.37 | 436 | 0.76 | 1005 | -0.00205 | | | -0.00205 | * | yes | 0.727 | - |
| | TCB 292 | 14.39 | 569 | no | * | | | | | * | | | |
| 39 PCB 52 | 290 | 15.10 | 14785 | 0.77 | 33877 | 0.036871 | | | -0.00165 | 82 | no | 0.905 | - |
| | TCB 292 | 15.10 | 19092 | yes | * | | | | | 82 | | | |
| 40 PCB 73 | 290 | NotFnd | * | * | * | -0.00134 | | | -0.00134 | * | no | 1.116 | - |
| | TCB 292 | 15.18 | * | no | * | | | | | * | | | |
| 41 PCB 43 | 290 | NotFnd | * | * | * | -0.00278 | | | -0.00278 | * | no | 0.537 | - |
| | TCB 292 | 15.25 | * | no | * | | | | | * | | | |
| 42 PCB 69/49 | 290 | 15.37 | 4807 | 0.75 | 11242 | 0.011342 | | | -0.00153 | 27 | no | 0.976 | - |
| | TCB 292 | 15.37 | 6435 | yes | * | | | | | 27 | | | |

| | | | | | | | | | | | | | |
|------------------------------|----------|--------|---------|------|----------|----------|----------|-----|------|-------|---|--|--|
| 43 PCB 48 | 290 | 15.53 | 1734 | 0.66 | 4346 | 0.005594 | | | | | | | |
| | TCB 292 | 15.55 | 2612 | yes | | | -0.00195 | 10 | no | 0.765 | - | | |
| 44 PCB 44/47/65 | 290 | 15.67 | 12711 | 0.76 | 29359 | 0.032767 | | | | | | | |
| | TCB 292 | 15.70 | 16648 | yes | | | -0.00169 | 54 | no | 0.883 | - | | |
| 45 PCB 59/62/75 | 290 | 15.86 | 1358 | 0.83 | 2884 | 0.00266 | | | | | | | |
| | TCB 292 | 15.87 | 1626 | yes | | | -0.00135 | 7 | no | 1.105 | - | | |
| 46 PCB 42 | 290 | 15.98 | 1439 | 0.74 | 3390 | 0.004658 | | | | | | | |
| | TCB 292 | 15.98 | 1952 | yes | | | -0.00208 | 6 | no | 0.717 | - | | |
| 47 PCB 40/41/71 | 290 | 16.25 | 3915 | 0.83 | 8653 | 0.01062 | | | | | | | |
| | TCB 292 | 16.27 | 4738 | yes | | | -0.00186 | 8 | no | 0.803 | - | | |
| 48 PCB 64 | 290 | 16.39 | 2274 | 0.74 | 5363 | 0.005109 | | | | | | | |
| | TCB 292 | 16.41 | 3089 | yes | | | -0.00144 | 20 | no | 1.034 | - | | |
| 49 PCB 72 | 290 | 16.88 | 828 | 0.87 | 1775 | 0.000866 | | | | | | | |
| | TCB 292 | 16.88 | 947 | yes | | | -0.00064 | 18 | yes | 2.019 | - | | |
| 50 PCB 68 | 290 | 17.05 | -883.96 | 0.77 | -2031.96 | -0.00106 | | | | | | | |
| | TCB 292 | 17.05 | -1148 | OK | | | -0.00068 | 12 | no | 1.034 | - | | |
| 51 PCB 67 | 290 | NotFnd | * | * | * | -0.00066 | | | | | | | |
| | TCB 292 | 17.34 | * | no | * | -0.00066 | | | | | | | |
| 52 PCB 58 | 290 | NotFnd | * | * | * | -0.00073 | | | | | | | |
| | TCB 292 | 17.49 | * | no | * | -0.00073 | | | | | | | |
| 53 PCB 67 | 290 | NotFnd | * | * | * | -0.00061 | | | | | | | |
| | TCB 292 | 17.59 | * | no | * | -0.00061 | | | | | | | |
| 54 PCB 63 | 290 | 17.78 | 1006 | 0.68 | 2484 | 0.001211 | | | | | | | |
| | TCB 292 | 17.76 | 1477 | yes | | | -0.00064 | 4 | yes | 2.019 | - | | |
| 55 PCB 61/70/74/76 | 290 | 17.98 | 28614 | 0.73 | 67573 | 0.036646 | | | | | | | |
| | TCB 292 | 17.99 | 38959 | yes | | | -0.00071 | 5 | no | 1.816 | - | | |
| 56 PCB 66 | 290 | 18.20 | 15860 | 0.77 | 36568 | 0.017774 | | | | | | | |
| | TCB 292 | 18.20 | 20709 | yes | | | -0.00064 | 3 | no | 2.026 | - | | |
| 57 PCB 55 | 290 | NotFnd | * | * | * | -0.00076 | | | | | | | |
| | TCB 292 | 18.33 | * | no | * | -0.00076 | | | | | | | |
| 58 PCB 56 | 290 | 18.68 | 2832 | 0.73 | 6715 | 0.003999 | | | | | | | |
| | TCB 292 | 18.66 | 3884 | yes | | | -0.00078 | 72 | no | 1.69 | - | | |
| 59 PCB 60 | 290 | 18.84 | 2449 | 0.72 | 5860 | 0.003498 | | | | | | | |
| | TCB 292 | 18.83 | 3411 | yes | | | -0.00078 | 5 | no | 1.654 | - | | |
| 60 PCB 80 | 290 | NotFnd | * | * | * | -0.0006 | | | | | | | |
| | TCB 292 | 19.08 | * | no | * | -0.0006 | | | | | | | |
| 61 PCB 79 | 290 | 20.22 | 348 | 0.42 | 1175 | -0.00062 | | | | | | | |
| | TCB 292 | 20.21 | 827 | no | | | -0.00062 | 14 | yes | 2.095 | - | | |
| 62 PCB 78 | 290 | NotFnd | * | * | * | -0.00069 | | | | | | | |
| | TCB 292 | 20.65 | * | no | * | -0.00069 | | | | | | | |
| 63 PCB 81 | 290 | NotFnd | * | * | * | -0.00111 | | | | | | | |
| | TCB 292 | 20.97 | * | no | * | -0.00111 | | | | | | | |
| 64 PCB 77 | 290 | 21.43 | 1482 | 0.76 | 3443 | 0.002401 | | | | | | | |
| | TCB 292 | 21.43 | 1961 | yes | | | -0.00106 | 6 | no | 1.216 | - | | |
| 65 PCB 104 | 326 | NotFnd | * | * | * | -0.00127 | | | | | | | |
| | PeCB 328 | 15.65 | * | no | * | -0.00127 | | | | | | | |
| 66 PCB 96 | 326 | NotFnd | * | * | * | -0.00221 | | | | | | | |
| | PeCB 328 | 15.87 | * | no | * | -0.00221 | | | | | | | |
| 67 PCB 103 | 326 | 17.00 | -869.55 | 1.55 | -1430.55 | -0.00182 | | | | | | | |
| | PeCB 328 | 17.01 | -561 | OK | | | -0.00182 | 6 | Op-O | 0.759 | - | | |
| 68 PCB 94 | 326 | 17.13 | 257 | 1.56 | 421 | -0.00249 | | | | | | | |
| | PeCB 328 | 17.15 | 165 | no | | | -0.00249 | 6 | yes | 0.555 | - | | |
| 69 PCB 95 | 326 | 17.42 | 20482 | 1.53 | 33851 | 0.04767 | | | | | | | |
| | PeCB 328 | 17.44 | 13369 | yes | | | -0.00201 | 12 | no | 0.687 | - | | |
| 70 PCB 100/93/102/98 | 326 | 17.64 | 2244 | 1.6 | 3642 | 0.005655 | | | | | | | |
| | PeCB 328 | 17.59 | 1399 | yes | | | -0.00222 | 75 | yes | 0.623 | - | | |
| 71 PCB 88/91 | 326 | 17.98 | -1419.8 | 1.65 | -2335.8 | -0.0036 | | | | | | | |
| | PeCB 328 | 17.98 | -916 | OK | | | -0.0022 | 5 | no | 0.627 | - | | |
| 72 PCB 84 | 326 | 18.15 | 3026 | 1.54 | 4994 | 0.008809 | | | | | | | |
| | PeCB 328 | 18.15 | 1968 | yes | | | -0.00252 | 7 | no | 0.548 | - | | |
| 73 PCB 89 | 326 | NotFnd | * | * | * | -0.00229 | | | | | | | |
| | PeCB 328 | 18.48 | * | no | * | -0.00229 | | | | | | | |
| 74 PCB 121 | 326 | NotFnd | * | * | * | -0.00171 | | | | | | | |
| | PeCB 328 | 18.73 | * | no | * | -0.00171 | | | | | | | |
| 75 PCB 92 | 326 | 18.97 | 7768 | 1.5 | 12945 | 0.019589 | | | | | | | |
| | PeCB 328 | 18.99 | 5177 | yes | | | -0.00216 | 6 | no | 0.639 | - | | |
| 76 PCB 113/90/101 | 326 | 19.40 | 42781 | 1.55 | 70357 | 0.094982 | | | | | | | |
| | PeCB 328 | 19.40 | 27576 | yes | | | -0.00193 | 27 | no | 0.716 | - | | |
| 77 PCB 83/99 | 326 | 19.83 | 29629 | 1.55 | 48783 | 0.081226 | | | | | | | |
| | PeCB 328 | 19.84 | 19154 | yes | | | -0.00238 | 146 | no | 0.581 | - | | |
| 78 PCB 112 | 326 | NotFnd | * | * | * | -0.0016 | | | | | | | |
| | PeCB 328 | 19.95 | * | no | * | -0.0016 | | | | | | | |
| 79 PCB 109/119/86/97/125/326 | 326 | 20.22 | 12607 | 1.5 | 21026 | 0.028488 | | | | | | | |
| | PeCB 328 | 20.23 | 8419 | yes | | | -0.00194 | 96 | yes | 0.863 | - | | |
| 80 PCB 117/116/85 | 326 | 20.76 | 7734 | 1.56 | 12685 | 0.015765 | | | | | | | |
| | PeCB 328 | 20.81 | 4951 | yes | | | -0.00178 | 25 | no | 0.778 | - | | |
| 81 PCB 110/115 | 326 | 20.88 | 23302 | 1.56 | 38249 | 0.05332 | | | | | | | |
| | PeCB 328 | 20.92 | 14947 | yes | | | -0.00199 | 22 | no | 0.694 | - | | |
| 82 PCB 82 | 326 | 21.15 | 1656 | 1.65 | 2660 | 0.004741 | | | | | | | |
| | PeCB 328 | 21.17 | 1004 | yes | | | -0.00255 | 71 | no | 0.542 | - | | |
| 83 PCB 111 | 326 | NotFnd | * | * | * | -0.00179 | | | | | | | |
| | PeCB 328 | 21.45 | * | no | * | -0.00179 | | | | | | | |
| 84 PCB 120 | 326 | NotFnd | * | * | * | -0.00158 | | | | | | | |
| | PeCB 328 | 21.82 | * | no | * | -0.00158 | | | | | | | |
| 85 PCB 108/124 | 326 | 22.74 | -1747 | 1.55 | -2874.1 | -0.00187 | | | | | | | |
| | PeCB 328 | 22.72 | -1127.1 | OK | | | -0.00098 | 5 | no | 0.877 | - | | |
| 86 PCB 107 | 326 | 22.95 | 4647 | 1.61 | 7721 | 0.004489 | | | | | | | |
| | PeCB 328 | 22.92 | 3074 | yes | | | -0.00088 | 7 | no | 1.488 | - | | |
| 87 PCB 123 | 326 | NotFnd | * | * | * | -0.00154 | | | | | | | |
| | PeCB 328 | 23.04 | * | no | * | -0.00154 | | | | | | | |
| 88 PCB 106 | 326 | NotFnd | * | * | * | -0.001 | | | | | | | |
| | PeCB 328 | 23.15 | * | no | * | -0.001 | | | | | | | |
| 89 PCB 118 | 326 | 23.32 | 50055 | 1.46 | 84467 | 0.070688 | | | | | | | |
| | PeCB 328 | 23.35 | 34412 | yes | | | -0.0014 | 151 | no | 1.042 | - | | |

| | | | | | | | | | | | |
|---------------------|----------|--------|---------|------|---------|----------|----------|-----|-----|-------|---|
| 90 PCB 122 | 326 | NotFnd | * | * | * | -0.00103 | -0.00103 | * | no | 1.418 | - |
| | PeCB 328 | 23.63 | * | no | * | | | * | | | |
| 91 PCB 114 | 326 | NotFnd | * | * | * | -0.00136 | -0.00136 | * | no | 1.076 | - |
| | PeCB 328 | 23.80 | * | no | * | | | * | | | |
| 92 PCB 105 | 326 | 24.36 | 15464 | 1.51 | 25675 | 0.023107 | -0.00141 | 40 | no | 1.04 | - |
| | PeCB 328 | 24.37 | 10211 | yes | * | | | 40 | | | |
| 93 PCB 127 | 326 | NotFnd | * | * | * | -0.00092 | -0.00092 | * | no | 1.583 | - |
| | PeCB 328 | 25.65 | * | no | * | | | * | | | |
| 94 PCB 126 | 326 | NotFnd | * | * | * | -0.00141 | -0.00141 | * | no | 1.037 | - |
| | PeCB 328 | 27.17 | * | no | * | | | * | | | |
| 95 PCB 155 | 360 | NotFnd | * | * | * | -0.00648 | -0.00648 | * | no | 1.079 | - |
| | HxCB 362 | 19.23 | * | no | * | | | * | | | |
| 96 PCB 152 | 360 | NotFnd | * | * | * | -0.00918 | -0.00918 | * | no | 0.762 | - |
| | HxCB 362 | 19.38 | * | no | * | | | * | | | |
| 97 PCB 150 | 360 | NotFnd | * | * | * | -0.01112 | -0.01112 | * | no | 0.629 | - |
| | HxCB 362 | 19.50 | * | no | * | | | * | | | |
| 98 PCB 136 | 360 | 19.78 | -1041.6 | 1.24 | -1881.6 | -0.0086 | -0.00979 | * | xL | 0.715 | - |
| | HxCB 362 | 19.77 | -840 | OK | * | | | * | | | |
| 99 PCB 145 | 360 | NotFnd | * | * | * | -0.01107 | -0.01107 | * | no | 0.632 | - |
| | HxCB 362 | 20.00 | * | no | * | | | * | | | |
| 100 PCB 148 | 360 | NotFnd | * | * | * | -0.01305 | -0.01305 | * | no | 0.536 | - |
| | HxCB 362 | 21.09 | * | no | * | | | * | | | |
| 101 PCB 151/135 | 360 | 21.56 | 3078 | 1.06 | 5986 | 0.040639 | -0.01419 | 8 | no | 0.493 | - |
| | HxCB 362 | 21.59 | 2908 | yes | * | | | 8 | | | |
| 102 PCB 154 | 360 | NotFnd | * | * | * | -0.01178 | -0.01178 | * | no | 0.594 | - |
| | HxCB 362 | 21.78 | * | no | * | | | * | | | |
| 103 PCB 144 | 360 | NotFnd | * | * | * | -0.01296 | -0.01296 | * | no | 0.54 | - |
| | HxCB 362 | 22.03 | * | no | * | | | * | | | |
| 104 PCB 147/149 | 360 | 22.32 | 10133 | 1.22 | 18452 | 0.08692 | -0.00577 | 55 | xL | 0.694 | - |
| | HxCB 362 | 22.34 | 8319 | OK | * | | | 59 | | | |
| 105 PCB 134/143 | 360 | NotFnd | * | * | * | -0.00639 | -0.00639 | * | no | 0.626 | - |
| | HxCB 362 | 22.59 | * | no | * | | | * | | | |
| 106 PCB 139/140 | 360 | NotFnd | * | * | * | -0.00551 | -0.00551 | * | no | 0.727 | - |
| | HxCB 362 | 22.84 | * | no | * | | | * | | | |
| 107 PCB 131 | 360 | NotFnd | * | * | * | -0.00681 | -0.00681 | * | no | 0.588 | - |
| | HxCB 362 | 23.01 | * | no | * | | | * | | | |
| 108 PCB 142 | 360 | NotFnd | * | * | * | -0.00602 | -0.00602 | * | no | 0.665 | - |
| | HxCB 362 | 23.17 | * | no | * | | | * | | | |
| 109 PCB 132 | 360 | 23.37 | 1384 | 1.33 | 2424 | 0.013794 | -0.00681 | 6 | no | 0.588 | - |
| | HxCB 362 | 23.42 | 1040 | yes | * | | | 6 | | | |
| 110 PCB 133 | 360 | NotFnd | * | * | * | -0.00579 | -0.00579 | * | no | 0.691 | - |
| | HxCB 362 | 23.80 | * | no | * | | | * | | | |
| 111 PCB 165 | 360 | NotFnd | * | * | * | -0.00501 | -0.00501 | * | no | 0.799 | - |
| | HxCB 362 | 24.16 | * | no | * | | | * | | | |
| 112 PCB 146 | 360 | 24.37 | 4273 | 1.33 | 7495 | 0.032546 | -0.00519 | 23 | no | 0.771 | - |
| | HxCB 362 | 24.36 | 3222 | yes | * | | | 20 | | | |
| 113 PCB 161 | 360 | NotFnd | * | * | * | -0.00421 | -0.00421 | * | no | 0.951 | - |
| | HxCB 362 | 24.50 | * | no | * | | | * | | | |
| 114 PCB 153/168 | 360 | 24.92 | 27820 | 1.32 | 48930 | 0.193779 | -0.00473 | 129 | no | 0.846 | - |
| | HxCB 362 | 24.94 | 21110 | yes | * | | | 123 | | | |
| 115 PCB 141 | 360 | NotFnd | * | * | * | -0.006 | -0.006 | * | no | 0.667 | - |
| | HxCB 362 | 25.08 | * | no | * | | | * | | | |
| 116 PCB 130 | 360 | NotFnd | * | * | * | -0.00637 | -0.00637 | * | no | 0.628 | - |
| | HxCB 362 | 25.46 | * | no | * | | | * | | | |
| 117 PCB 137 | 360 | NotFnd | * | * | * | -0.00629 | -0.00629 | * | no | 0.636 | - |
| | HxCB 362 | 25.69 | * | no | * | | | * | | | |
| 118 PCB 164 | 360 | NotFnd | * | * | * | -0.00458 | -0.00458 | * | no | 0.873 | - |
| | HxCB 362 | 25.77 | * | no | * | | | * | | | |
| 119 PCB 138/163/129 | 360 | 26.07 | 16935 | 1.22 | 30782 | 0.14366 | -0.00557 | 77 | no | 0.718 | - |
| | HxCB 362 | 26.06 | 13847 | yes | * | | | 77 | | | |
| 120 PCB 160 | 360 | NotFnd | * | * | * | -0.00525 | -0.00525 | * | no | 0.762 | - |
| | HxCB 362 | 26.21 | * | no | * | | | * | | | |
| 121 PCB 158 | 360 | 26.43 | 1581 | 1.39 | 2721 | 0.009622 | -0.00423 | 7 | no | 0.947 | - |
| | HxCB 362 | 26.41 | 1141 | yes | * | | | 6 | | | |
| 122 PCB 128/166 | 360 | 27.26 | 2567 | 1.38 | 4431 | 0.019408 | -0.00523 | 10 | no | 0.765 | - |
| | HxCB 362 | 27.26 | 1864 | yes | * | | | 9 | | | |
| 123 PCB 159 | 360 | NotFnd | * | * | * | -0.00406 | -0.00406 | * | no | 1.417 | - |
| | HxCB 362 | 28.20 | * | no | * | | | * | | | |
| 124 PCB 162 | 360 | NotFnd | * | * | * | -0.0045 | -0.0045 | * | no | 1.28 | - |
| | HxCB 362 | 28.47 | * | no | * | | | * | | | |
| 125 PCB 167 | 360 | 28.98 | 1975 | 1.12 | 3736 | 0.00478 | -0.00108 | 14 | no | 0.951 | - |
| | HxCB 362 | 28.99 | 1762 | yes | * | | | 12 | | | |
| 126 PCB 166/157 | 360 | 30.12 | 3000 | 1.19 | 5525 | 0.007623 | -0.00099 | 17 | yes | 1.036 | - |
| | HxCB 362 | 30.15 | 2525 | yes | * | | | 17 | | | |
| 127 PCB 169 | 360 | NotFnd | * | * | * | -0.00105 | -0.00105 | * | no | 0.973 | - |
| | HxCB 362 | 33.51 | * | no | * | | | * | | | |
| 128 PCB 188 | 394 | NotFnd | * | * | * | -0.00089 | -0.00089 | * | no | 1.053 | - |
| | HpCB 396 | 23.77 | * | no | * | | | * | | | |
| 129 PCB 179 | 394 | 24.03 | 1270 | 0.94 | 2622 | 0.010555 | -0.00322 | 10 | no | 1.017 | - |
| | HpCB 396 | 24.02 | 1352 | yes | * | | | 9 | | | |
| 130 PCB 184 | 394 | NotFnd | * | * | * | -0.00343 | -0.00343 | * | no | 0.955 | - |
| | HpCB 396 | 24.49 | * | no | * | | | * | | | |
| 131 PCB 176 | 394 | 24.81 | 305 | 1.14 | 572 | -0.00334 | -0.00334 | * | yes | 0.981 | - |
| | HpCB 396 | 24.80 | 267 | no | * | | | * | | | |
| 132 PCB 186 | 394 | NotFnd | * | * | * | -0.00382 | -0.00382 | * | no | 0.858 | - |
| | HpCB 396 | 25.23 | * | no | * | | | * | | | |
| 133 PCB 178 | 394 | 26.48 | 914 | 1.04 | 1789 | 0.010554 | -0.00472 | 6 | yes | 0.694 | - |
| | HpCB 396 | 26.49 | 876 | yes | * | | | 7 | | | |
| 134 PCB 175 | 394 | NotFnd | * | * | * | -0.00444 | -0.00444 | * | no | 0.737 | - |
| | HpCB 396 | 27.08 | * | no | * | | | * | | | |
| 135 PCB 187 | 394 | 27.34 | 5653 | 1.1 | 10801 | 0.063528 | -0.00471 | 41 | no | 0.696 | - |
| | HpCB 396 | 27.32 | 5148 | yes | * | | | 39 | | | |
| 136 PCB 182 | 394 | NotFnd | * | * | * | -0.00448 | -0.00448 | * | no | 0.731 | - |
| | HpCB 396 | 27.53 | * | no | * | | | * | | | |

| | | | | | | | | | | | |
|-------------------|----------|--------|----------|------|----------|----------|----------|------|-----|-------|-----|
| 137 PCB 183 | 394 | 27.93 | 2372 | 1.13 | 4475 | 0.01765 | -0.00403 | 15 | yes | 1.038 | - |
| | HpCB 396 | 27.92 | 2103 | yes | * | * | * | 14 | * | * | * |
| 138 PCB 185 | 394 | NotFnd | * | * | * | -0.00467 | -0.00467 | * | no | 0.896 | - |
| | HpCB 396 | 28.04 | * | no | * | * | * | * | * | * | * |
| 139 PCB 174 | 394 | 28.15 | 338 | 1.04 | 665 | -0.00478 | -0.00478 | * | yes | 0.874 | - |
| | HpCB 396 | 28.14 | 326 | no | * | * | * | * | * | * | * |
| 140 PCB 177 | 394 | 28.59 | 1747 | 1.09 | 3344 | 0.015127 | -0.00462 | 9 | no | 0.905 | - |
| | HpCB 396 | 28.58 | 1597 | yes | * | * | * | 10 | * | * | * |
| 141 PCB 181 | 394 | NotFnd | * | * | * | -0.00484 | -0.00484 | * | no | 0.864 | - |
| | HpCB 396 | 28.99 | * | no | * | * | * | * | * | * | * |
| 142 PCB 171/173 | 394 | 29.22 | -804.3 | 1.05 | -1570.3 | -0.00713 | -0.00464 | 6 | xL | 0.902 | - |
| | HpCB 396 | 29.21 | -766 | OK | * | * | * | 5 | * | * | * |
| 143 PCB 172 | 394 | NotFnd | * | * | * | -0.0047 | -0.0047 | * | no | 0.89 | - |
| | HpCB 396 | 30.85 | * | no | * | * | * | * | * | * | * |
| 144 PCB 192 | 394 | NotFnd | * | * | * | -0.00412 | -0.00412 | * | no | 1.014 | - |
| | HpCB 396 | 31.16 | * | no | * | * | * | * | * | * | * |
| 145 PCB 193/180 | 394 | 31.53 | -2302.65 | 1.06 | -4495.65 | -0.01827 | -0.00332 | 14 | xL | 1.26 | - |
| | HpCB 396 | 31.51 | -2193 | OK | * | * | * | 12 | * | * | * |
| 146 PCB 191 | 394 | NotFnd | * | * | * | -0.00344 | -0.00344 | * | no | 1.214 | - |
| | HpCB 396 | 31.89 | * | no | * | * | * | * | * | * | * |
| 147 PCB 170 | 394 | 32.83 | 726 | 1.13 | 1372 | 0.006485 | -0.00347 | 5 | yes | 1.206 | - |
| | HpCB 396 | 32.85 | 646 | yes | * | * | * | 5 | * | * | * |
| 148 PCB 190 | 394 | 33.39 | 389 | 1.17 | 723 | -0.00364 | -0.00364 | * | yes | 1.148 | - |
| | HpCB 396 | 33.41 | 334 | no | * | * | * | * | * | * | * |
| 149 PCB 189 | 394 | NotFnd | * | * | * | -0.00227 | -0.00227 | * | no | 0.91 | - |
| | HpCB 396 | 36.26 | * | no | * | * | * | * | * | * | * |
| 150 PCB 202 | 428 | 28.72 | -554.47 | 0.89 | -1177.47 | -0.00577 | -0.00523 | 4 | xL | 1.08 | - |
| | OcCB 430 | 28.72 | -623 | OK | * | * | * | 3 | * | * | * |
| 151 PCB 201 | 428 | NotFnd | * | * | * | -0.00511 | -0.00511 | * | no | 1.104 | - |
| | OcCB 430 | 29.64 | * | no | * | * | * | * | * | * | * |
| 152 PCB 204 | 428 | NotFnd | * | * | * | -0.00514 | -0.00514 | * | no | 1.098 | - |
| | OcCB 430 | 30.33 | * | no | * | * | * | * | * | * | * |
| 153 PCB 197 | 428 | NotFnd | * | * | * | -0.00589 | -0.00589 | * | no | 0.959 | - |
| | OcCB 430 | 30.56 | * | no | * | * | * | * | * | * | * |
| 154 PCB 200 | 428 | NotFnd | * | * | * | -0.00501 | -0.00501 | * | no | 1.126 | - |
| | OcCB 430 | 30.64 | * | no | * | * | * | * | * | * | * |
| 155 PCB 198/199 | 428 | 33.61 | 355 | 1 | 709 | -0.00769 | -0.00769 | * | yes | 0.734 | - |
| | OcCB 430 | 33.57 | 354 | no | * | * | * | * | * | * | * |
| 156 PCB 196 | 428 | NotFnd | * | * | * | -0.00732 | -0.00732 | * | no | 0.771 | - |
| | OcCB 430 | 34.31 | * | no | * | * | * | * | * | * | * |
| 157 PCB 203 | 428 | 34.53 | 379 | 0.99 | 763 | -0.00783 | -0.00783 | * | yes | 0.721 | - |
| | OcCB 430 | 34.54 | 384 | * | * | * | * | * | * | * | * |
| 158 PCB 195 | 428 | NotFnd | * | * | * | -0.0048 | -0.0048 | * | no | 0.97 | - |
| | OcCB 430 | 35.95 | * | no | * | * | * | * | * | * | * |
| 159 PCB 194 | 428 | NotFnd | * | * | * | -0.0045 | -0.0045 | * | no | 1.035 | - |
| | OcCB 430 | 38.56 | * | no | * | * | * | * | * | * | * |
| 160 PCB 205 | 428 | NotFnd | * | * | * | -0.00213 | -0.00213 | * | no | 1.071 | - |
| | OcCB 430 | 39.16 | * | no | * | * | * | * | * | * | * |
| 161 PCB 208 | 462 | NotFnd | * | * | * | -0.00442 | -0.00442 | * | no | 1.082 | - |
| | NoCB 464 | 35.75 | * | no | * | * | * | * | * | * | * |
| 162 PCB 207 | 462 | NotFnd | * | * | * | -0.00362 | -0.00362 | * | no | 1.324 | - |
| | NoCB 464 | 36.79 | * | no | * | * | * | * | * | * | * |
| 163 PCB 206 | 462 | NotFnd | * | * | * | -0.00445 | -0.00445 | * | no | 1.077 | - |
| | NoCB 464 | 41.10 | * | no | * | * | * | * | * | * | * |
| 164 PCB 209 | 498 | 42.99 | -329 | 1.16 | -612.621 | -0.00568 | -0.00412 | 4 | xL | 1.024 | - |
| | DCB 500 | 42.98 | -283.621 | OK | * | * | * | 8 | * | * | * |
| 165 PCB 1L | 202 | 8.82 | 95194 | 3.43 | 122984 | 0.068793 | 0 | 1651 | no | 0.821 | 34 |
| | 202 | 8.82 | 27790 | yes | * | * | * | 216 | * | * | 31 |
| 166 PCB 3L | 200 | 10.01 | 121912 | 3.4 | 157774 | 0.087562 | 0 | 2355 | no | 0.828 | 44 |
| | 202 | 9.99 | 35862 | yes | * | * | * | 303 | * | * | 40 |
| 167 PCB 4L | 234 | 10.12 | 37615 | 1.59 | 61227 | 0.099894 | 0.001 | 300 | no | 0.282 | 50 |
| | 236 | 10.09 | 23612 | yes | * | * | * | 595 | * | * | 45 |
| 168 PCB 15L | 234 | 12.71 | 235893 | 1.71 | 374071 | 0.161534 | 0 | 1115 | no | 1.064 | 81 |
| | 236 | 12.70 | 138178 | yes | * | * | * | 923 | * | * | 73 |
| 169 PCB 19L | 268 | 11.49 | 51025 | 1.04 | 100012 | 0.133092 | 0.006 | 114 | no | 0.345 | 67 |
| | 270 | 11.47 | 48987 | yes | * | * | * | 48 | * | * | 60 |
| 170 PCB 37L | 268 | 16.36 | 214103 | 1.1 | 409232 | 0.192622 | 0.003 | 237 | no | 2.614 | 97 |
| | 270 | 16.36 | 195130 | yes | * | * | * | 128 | * | * | 87 |
| 171 PCB 54L | 302 | 12.85 | 53703 | 0.8 | 120875 | 0.19619 | 0.001 | 404 | no | 0.758 | 98 |
| | 304 | 12.85 | 67172 | yes | * | * | * | 959 | * | * | 88 |
| 172 PCB 81L | 302 | 20.97 | 113822 | 0.83 | 251437 | 0.164901 | 0.001 | 494 | no | 1.876 | 83 |
| | 304 | 20.96 | 137615 | yes | * | * | * | 1244 | * | * | 75 |
| 173 PCB 77L | 302 | 21.41 | 103619 | 0.79 | 235277 | 0.160922 | 0.001 | 451 | no | 1.799 | 81 |
| | 304 | 21.43 | 131658 | yes | * | * | * | 1179 | * | * | 73 |
| 174 PCB 104L | 338 | 15.63 | 81871 | 1.57 | 134186 | 0.237126 | 0 | 2186 | no | 0.967 | 119 |
| | 340 | 15.62 | 52316 | yes | * | * | * | 2410 | * | * | 107 |
| 175 PCB 123L | 338 | 23.01 | 154587 | 1.74 | 243282 | 0.181231 | 0 | 2271 | no | 2.293 | 91 |
| | 340 | 23.03 | 88694 | yes | * | * | * | 1021 | * | * | 82 |
| 176 PCB 118L | 338 | 23.30 | 142561 | 1.65 | 228746 | 0.177369 | 0 | 2118 | no | 2.203 | 89 |
| | 340 | 23.30 | 86185 | yes | * | * | * | 987 | * | * | 80 |
| 177 PCB 114L | 338 | 23.78 | 132752 | 1.67 | 212416 | 0.177077 | 0 | 1908 | no | 2.049 | 89 |
| | 340 | 23.78 | 79665 | yes | * | * | * | 881 | * | * | 80 |
| 178 PCB 106L | 338 | 24.32 | 135080 | 1.73 | 213054 | 0.172174 | 0 | 1933 | no | 2.114 | 86 |
| | 340 | 24.34 | 77974 | yes | * | * | * | 859 | * | * | 77 |
| 179 PCB 126L | 338 | 27.14 | 100019 | 1.61 | 162339 | 0.133528 | 0 | 1356 | no | 2.077 | 67 |
| | 340 | 27.15 | 62319 | yes | * | * | * | 643 | * | * | 60 |
| 180 PCB 155L | 372 | 19.21 | 21275 | 1.22 | 38667 | 0.218986 | 0 | 3464 | no | 1.056 | 110 |
| | 374 | 19.19 | 17392 | yes | * | * | * | 945 | * | * | 99 |
| 181 PCB 167L | 372 | 28.96 | 92643 | 1.3 | 163933 | 0.17507 | 0 | 1370 | no | 2.269 | 88 |
| | 374 | 28.99 | 71291 | yes | * | * | * | 899 | * | * | 79 |
| 182 PCB 156L/157L | 372 | 30.12 | 157396 | 1.29 | 279154 | 0.325982 | 0 | 1888 | no | 2.075 | 82 |
| | 374 | 30.14 | 121759 | yes | * | * | * | 1206 | * | * | 74 |
| 183 PCB 169L | 372 | 33.48 | 46679 | 1.29 | 82967 | 0.093818 | 0 | 646 | no | 2.142 | 47 |
| | 374 | 33.47 | 36288 | yes | * | * | * | 426 | * | * | 42 |

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| 184 PCB 188L | 406 | 23.75 | 62148 | 1.11 | 117999 | 0.259083 | 0.001 | 974 | no | 1.103 | 130 |
| | 408 | 23.75 | 55850 | yes | | | | 3086 | | | |
| 185 PCB 180L | 406 | 31.51 | 19874 | 1.04 | 39032 | 0.209819 | 0.001 | 408 | no | 1.219 | 105 |
| | 408 | 31.53 | 19158 | yes | | | | 1280 | | | |
| 186 PCB 170L | 406 | 32.82 | 18068 | 1.07 | 34995 | 0.209896 | 0.001 | 351 | no | 1.093 | 105 |
| | 408 | 32.80 | 16927 | yes | | | | 1156 | | | |
| 187 PCB 189L | 406 | 36.23 | 52620 | 1.01 | 104443 | 0.26555 | 0.001 | 473 | no | 2.422 | 133 |
| | 408 | 36.23 | 51823 | yes | | | | 667 | | | |
| 188 PCB 202L | 440 | 28.69 | 17069 | 0.83 | 37676 | 0.207431 | 0.001 | 1431 | no | 1.19 | 104 |
| | 442 | 28.71 | 20607 | yes | | | | 999 | | | |
| 189 PCB 205L | 440 | 39.12 | 23231 | 0.87 | 49844 | 0.207769 | 0.002 | 144 | no | 1.478 | 104 |
| | 442 | 39.13 | 26614 | yes | | | | 993 | | | |
| 190 PCB 208L | 474 | 35.72 | 20192 | 0.77 | 46340 | 0.246229 | 0.001 | 717 | no | 1.159 | 123 |
| | 476 | 35.73 | 26148 | yes | | | | 495 | | | |
| 191 PCB 206L | 474 | 41.10 | 11676 | 0.89 | 24774 | 0.187431 | 0.002 | 403 | no | 0.814 | 94 |
| | 476 | 41.09 | 13099 | no | | | | 243 | | | |
| 192 PCB 209L | 510 | 42.94 | 11865 | 1.31 | 20930 | 0.17081 | 0.001 | 1322 | no | 0.755 | 86 |
| | 512 | 42.94 | 9065 | yes | | | | 485 | | | |
| 193 PCB 28L | 268 | 14.15 | 230766 | 1.11 | 439180 | 0.194357 | 0.003 | 270 | no | 2.78 | 88 |
| PCB Cleanup Standard | 270 | 14.15 | 208414 | yes | | | | 143 | | | |
| 194 PCB 111L | 338 | 21.41 | 91252 | 1.65 | 146693 | 0.188102 | 0 | 1843 | no | 1.332 | 85 |
| PCB Cleanup Standard | 340 | 21.42 | 55442 | yes | | | | 2066 | | | |
| 195 PCB 178L | 406 | 26.48 | 30871 | 1.07 | 59672 | 0.222241 | 0.001 | 451 | no | 0.85 | 100 |
| PCB Cleanup Standard | 408 | 26.49 | 28801 | yes | | | | 1478 | | | |
| 196 PCB 31L | 268 | NotFnd | * | * | * | | 0.003 | | no | 2.775 | |
| PCB Audit Standard | 270 | 13.99 | * | no | | | | | | | |
| 197 PCB 95L | 338 | NotFnd | * | * | * | | 0 | | no | 0.967 | |
| PCB Audit Standard | 340 | 17.41 | * | no | | | | | | | |
| 198 PCB 153L | 372 | 24.93 | 1526 | 1.13 | 2876 | 0.005853 | 0 | 65 | no | 1.191 | 3 |
| PCB Audit Standard | 374 | 24.92 | 1351 | yes | | | | 27 | | | |
| 199 PCB 9L | 234 | 11.01 | 1509635 | 1.67 | 2412062 | 9.298154 | - | 7328 | no | - | - |
| PCB Recovery Standard | 236 | 11.03 | 902426 | yes | | | | 6161 | | | |
| 200 PCB 52L | 302 | 15.08 | 405211 | 0.82 | 900754 | 9.128897 | - | 2565 | no | - | - |
| PCB Recovery Standard | 304 | 15.08 | 495543 | yes | | | | 5258 | | | |
| 201 PCB 101L | 338 | 19.38 | 403740 | 1.65 | 648742 | 7.882425 | - | 8925 | no | - | - |
| PCB Recovery Standard | 340 | 19.40 | 245002 | yes | | | | 10225 | | | |
| 202 PCB 138L | 372 | 26.07 | 253910 | 1.25 | 457391 | 5.476763 | - | 11132 | no | - | - |
| PCB Recovery Standard | 374 | 26.09 | 203481 | yes | | | | 4628 | | | |
| 203 PCB 194L | 440 | 38.58 | 84973 | 0.89 | 179911 | 2.457578 | - | 546 | no | - | - |
| PCB Recovery Standard | 442 | 38.61 | 94938 | yes | | | | 3465 | | | |

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|----------------------|----------|----|----------|
| Chlorobiphenyls | -0.00223 | 0 | -0.00223 |
| Dichlorobiphenyls | 0.008018 | 1 | -0.03014 |
| Trichlorobiphenyls | 0.039295 | 7 | -0.00489 |
| Tetrachlorobiphenyls | 0.176016 | 15 | -0.00278 |
| Pentachlorobiphenyls | 0.458529 | 13 | -0.00255 |
| Hexachlorobiphenyls | 0.552771 | 10 | -0.01419 |
| Heptachlorobiphenyls | 0.123899 | 6 | -0.00484 |
| Octachlorobiphenyls | -0.00783 | 0 | -0.00783 |
| Nonachlorobiphenyls | -0.00445 | 0 | -0.00445 |
| Decachlorobiphenyl | -0.00412 | 0 | -0.00412 |
| PCB (total) | 1.358528 | | |

20161214

Filename M2161205B12
 Acquired 12/06/2016 4:50
 Call File m2161205B_209

WTFM CALIBRATED REC. FOR
 INT. STD. VALUES

BV
 20161214

Sample ID DIS275-01R:D1
 Comments
 Instrument File Ultima 3
 Sample Size 10.026
 Dil Fac 1.00

| Name | mass | RT | Area | ratio | Tot Area | ng/g | Code | Isomers | DL | S/N | Mod | rrf | Rec |
|--------------|-----------|--------|----------|-------|----------|----------|---------------|---------|----------|-----|-----|-------|-----|
| 1 PCB 1 | 188 | NotFnd | * | * | * | -0.00219 | | | -0.00219 | * | no | 1.296 | - |
| | MoCB 190 | 8.82 | * | no | * | | | | * | * | | | |
| 2 PCB 2 | 188 | NotFnd | * | * | * | -0.00168 | | | -0.00168 | * | no | 1.697 | - |
| | MoCB 190 | 9.93 | * | no | * | | | | * | * | | | |
| 3 PCB 3 | 188 | NotFnd | * | * | * | -0.00223 | | | -0.00223 | * | no | 1.276 | - |
| | MoCB 190 | 10.01 | * | no | * | | | | * | * | | | |
| 4 PCB 4 | 222 | NotFnd | * | * | * | -0.02546 | | | -0.02546 | * | no | 1.186 | - |
| | DICB 224 | 10.12 | * | no | * | | | | * | * | | | |
| 5 PCB 10 | 222 | NotFnd | * | * | * | -0.03014 | | | -0.03014 | * | no | 1.002 | - |
| | DICB 224 | 10.21 | * | no | * | | | | * | * | | | |
| 6 PCB 9 | 222 | NotFnd | * | * | * | -0.00705 | | | -0.00705 | * | no | 2.318 | - |
| | DICB 224 | 11.01 | * | no | * | | | | * | * | | | |
| 7 PCB 7 | 222 | NotFnd | * | * | * | -0.00811 | | | -0.00811 | * | no | 2.015 | - |
| | DICB 224 | 11.09 | * | no | * | | | | * | * | | | |
| 8 PCB 6 | 222 | NotFnd | * | * | * | -0.00718 | | | -0.00718 | * | no | 2.278 | - |
| | DICB 224 | 11.19 | * | no | * | | | | * | * | | | |
| 9 PCB 5 | 222 | NotFnd | * | * | * | -0.00917 | | | -0.00917 | * | no | 1.783 | - |
| | DICB 224 | 11.30 | * | no | * | | | | * | * | | | |
| 10 PCB 8 | 222 | NotFnd | * | * | * | -0.00677 | | | -0.00677 | * | no | 2.416 | - |
| | DICB 224 | 11.36 | * | no | * | | | | * | * | | | |
| 11 PCB 14 | 222 | NotFnd | * | * | * | -0.00715 | | | -0.00715 | * | no | 2.288 | - |
| | DICB 224 | 12.06 | * | no | * | | | | * | * | | | |
| 12 PCB 11 | 222 | 12.42 | 11514 | 1.53 | 19037 | 0.008018 | | | -0.00751 | 67 | no | 2.176 | - |
| | DICB 224 | 12.43 | 7524 | yes | * | | | | * | 3 | | | |
| 13 PCB 13/12 | 222 | NotFnd | * | * | * | -0.00827 | | | -0.00827 | * | no | 1.978 | - |
| | DICB 224 | 12.57 | * | no | * | | | | * | * | | | |
| 14 PCB 15 | 222 | NotFnd | * | * | * | -0.01569 | | | -0.01569 | * | no | 1.042 | - |
| | DICB 224 | 12.71 | * | no | * | | | | * | * | | | |
| 15 PCB 19 | 256 | NotFnd | * | * | * | -0.0026 | | | -0.0026 | * | no | 1.156 | - |
| | TriCB 258 | 11.49 | * | no | * | | | | * | * | | | |
| 16 PCB 30/18 | 256 | 12.28 | 2501 | 1.03 | 4934 | 0.004474 | | | -0.00348 | 14 | no | 0.864 | - |
| | TriCB 258 | 12.30 | 2432 | yes | * | | | | * | 16 | | | |
| 17 PCB 17 | 256 | 12.48 | 728 | 1.29 | 1294 | -0.00435 | | | -0.00435 | * | yes | 0.691 | - |
| | TriCB 258 | 12.48 | 566 | no | * | | | | * | * | | | |
| 18 PCB 27 | 256 | NotFnd | * | * | * | -0.00298 | | | -0.00298 | * | no | 1.006 | - |
| | TriCB 258 | 12.60 | * | no | * | | | | * | * | | | |
| 19 PCB 24 | 256 | NotFnd | * | * | * | -0.00374 | | | -0.00374 | * | no | 0.802 | - |
| | TriCB 258 | 12.65 | * | no | * | | | | * | * | | | |
| 20 PCB 16 | 256 | NotFnd | * | * | * | -0.00489 | | | -0.00489 | * | no | 0.614 | - |
| | TriCB 258 | 12.71 | * | no | * | | | | * | * | | | |
| 21 PCB 32 | 256 | 12.93 | 1003 | 1.39 | 1723 | -0.00273 | | | -0.00273 | * | no | 1.1 | - |
| | TriCB 258 | 12.93 | 720 | no | * | | | | * | * | | | |
| 22 PCB 34 | 256 | NotFnd | * | * | * | -0.0003 | | | -0.0003 | * | no | 2.11 | - |
| | TriCB 258 | 13.52 | * | no | * | | | | * | * | | | |
| 23 PCB 23 | 256 | NotFnd | * | * | * | -0.00034 | | | -0.00034 | * | no | 1.864 | - |
| | TriCB 258 | 13.61 | * | no | * | | | | * | * | | | |
| 24 PCB 26/29 | 256 | 13.72 | 2403 | 1.03 | 4734 | 0.001741 | | | -0.00029 | 20 | no | 2.13 | - |
| | TriCB 258 | 13.76 | 2331 | yes | * | | | | * | 22 | | | |
| 25 PCB 25 | 256 | 13.84 | -1157 | 1.04 | -2269.5 | -0.00084 | PCB 25 NDR | | -0.0003 | 10 | xL | 2.103 | - |
| | TriCB 258 | 13.84 | -1112.5 | OK | * | | | | * | 10 | | | |
| 26 PCB 31 | 256 | 13.99 | 10717 | 1.02 | 21253 | 0.007562 | | | -0.00028 | 93 | no | 2.202 | - |
| | TriCB 258 | 14.00 | 10536 | yes | * | | | | * | 94 | | | |
| 27 PCB 28/20 | 256 | 14.15 | 20637 | 0.97 | 41942 | 0.016674 | | | -0.00032 | 179 | no | 1.971 | - |
| | TriCB 258 | 14.16 | 21305 | yes | * | | | | * | 196 | | | |
| 28 PCB 21/33 | 256 | 14.29 | 4927 | 1 | 9853 | 0.003845 | | | -0.00031 | 39 | no | 2.008 | - |
| | TriCB 258 | 14.26 | 4926 | yes | * | | | | * | 40 | | | |
| 29 PCB 22 | 256 | 14.48 | 2559 | 0.99 | 5148 | 0.002293 | | | -0.00036 | 21 | no | 1.758 | - |
| | TriCB 258 | 14.46 | 2588 | yes | * | | | | * | 21 | | | |
| 30 PCB 36 | 256 | NotFnd | * | * | * | -0.00027 | | | -0.00027 | * | no | 2.334 | - |
| | TriCB 258 | 15.29 | * | no | * | | | | * | * | | | |
| 31 PCB 39 | 256 | NotFnd | * | * | * | -0.00032 | | | -0.00032 | * | no | 1.922 | - |
| | TriCB 258 | 15.51 | * | no | * | | | | * | * | | | |
| 32 PCB 38 | 256 | NotFnd | * | * | * | -0.00032 | | | -0.00032 | * | no | 1.971 | - |
| | TriCB 258 | 15.86 | * | no | * | | | | * | * | | | |
| 33 PCB 35 | 256 | NotFnd | * | * | * | -0.00031 | | | -0.00031 | * | no | 2.017 | - |
| | TriCB 258 | 16.13 | * | no | * | | | | * | * | | | |
| 34 PCB 37 | 256 | 16.37 | 2834 | 1.08 | 5469 | 0.002706 | | | -0.00063 | 22 | no | 0.985 | - |
| | TriCB 258 | 16.37 | 2635 | yes | * | | | | * | 20 | | | |
| 35 PCB 54 | 290 | NotFnd | * | * | * | -0.00048 | | | -0.00048 | * | no | 1.02 | - |
| | TCB 292 | 12.88 | * | no | * | | | | * | * | | | |
| 36 PCB 53/50 | 290 | 13.86 | -1570.8 | 0.77 | -3610.8 | -0.00407 | PCB 53/50 NDR | | -0.00171 | 12 | xL | 0.872 | - |
| | TCB 292 | 13.89 | -2040 | OK | * | | | | * | 9 | | | |
| 37 PCB 45/51 | 290 | 14.22 | -686 | 0.77 | -1576.91 | -0.00188 | PCB 45/51 NDR | | -0.00181 | 3 | xL | 0.826 | - |
| | TCB 292 | 14.24 | -890.909 | OK | * | | | | * | 5 | | | |
| 38 PCB 46 | 290 | 14.37 | 436 | 0.76 | 1005 | -0.00205 | | | -0.00205 | * | yes | 0.727 | - |
| | TCB 292 | 14.39 | 569 | no | * | | | | * | * | | | |
| 39 PCB 52 | 290 | 15.10 | 14785 | 0.77 | 33877 | 0.036871 | | | -0.00165 | 82 | no | 0.905 | - |
| | TCB 292 | 15.10 | 19092 | yes | * | | | | * | 82 | | | |
| 40 PCB 73 | 290 | NotFnd | * | * | * | -0.00134 | | | -0.00134 | * | no | 1.116 | - |
| | TCB 292 | 15.18 | * | no | * | | | | * | * | | | |
| 41 PCB 43 | 290 | NotFnd | * | * | * | -0.00278 | | | -0.00278 | * | no | 0.537 | - |
| | TCB 292 | 15.25 | * | no | * | | | | * | * | | | |
| 42 PCB 69/49 | 290 | 15.37 | 4807 | 0.75 | 11242 | 0.011342 | | | -0.00153 | 27 | no | 0.976 | - |
| | TCB 292 | 15.37 | 6435 | yes | * | | | | * | 27 | | | |

| | | | | | | | | | | | | |
|---------------------------|----------|--------|---------|------|----------|----------|-----------------|-----|------|-------|---|--|
| 43 PCB 48 | 290 | 15.53 | 1734 | 0.66 | 4346 | 0.005594 | | | | | | |
| | TCB 292 | 15.55 | 2612 | yes | | | -0.00195 | 10 | no | 0.765 | - | |
| 44 PCB 44/47/65 | 290 | 15.67 | 12711 | 0.76 | 29359 | 0.032767 | | 11 | | | | |
| | TCB 292 | 15.70 | 16648 | yes | | | -0.00169 | 54 | no | 0.883 | - | |
| 45 PCB 59/62/75 | 290 | 15.86 | 1358 | 0.83 | 2984 | 0.00266 | | 60 | | | | |
| | TCB 292 | 15.87 | 1626 | yes | | | -0.00135 | 7 | no | 1.105 | - | |
| 46 PCB 42 | 290 | 15.98 | 1439 | 0.74 | 3390 | 0.004658 | | 6 | | | | |
| | TCB 292 | 15.98 | 1952 | yes | | | -0.00208 | 8 | no | 0.717 | - | |
| 47 PCB 40/41/71 | 290 | 16.25 | 3915 | 0.83 | 8653 | 0.01062 | | 8 | | | | |
| | TCB 292 | 16.27 | 4738 | yes | | | -0.00186 | 20 | no | 0.803 | - | |
| 48 PCB 64 | 290 | 16.39 | 2274 | 0.74 | 5363 | 0.005109 | | 18 | | | | |
| | TCB 292 | 16.41 | 3089 | yes | | | -0.00144 | 12 | no | 1.034 | - | |
| 49 PCB 72 | 290 | 16.88 | 828 | 0.87 | 1775 | 0.000866 | | 13 | | | | |
| | TCB 292 | 16.88 | 947 | yes | | | -0.00064 | 4 | yes | 2.019 | - | |
| 50 PCB 68 | 290 | 17.05 | -883.96 | 0.77 | -2031.96 | -0.00106 | PCB 68 NDR | 3 | | | | |
| | TCB 292 | 17.05 | -1148 | OK | | | -0.00068 | 5 | xL | 1.893 | - | |
| 51 PCB 57 | 290 | NotFnd | * | * | * | -0.00066 | | 4 | | | | |
| | TCB 292 | 17.34 | * | no | | | -0.00066 | * | no | 1.963 | - | |
| 52 PCB 58 | 290 | NotFnd | * | * | * | -0.00073 | | * | | | | |
| | TCB 292 | 17.49 | * | no | | | -0.00073 | * | no | 1.762 | - | |
| 53 PCB 67 | 290 | NotFnd | * | * | * | -0.00061 | | * | | | | |
| | TCB 292 | 17.59 | * | no | | | -0.00061 | * | no | 2.107 | - | |
| 54 PCB 63 | 290 | 17.78 | 1006 | 0.68 | 2484 | 0.001211 | | * | | | | |
| | TCB 292 | 17.76 | 1477 | yes | | | -0.00064 | 5 | yes | 2.019 | - | |
| 55 PCB 61/70/74/76 | 290 | 17.98 | 28614 | 0.73 | 67573 | 0.036646 | | 5 | | | | |
| | TCB 292 | 17.99 | 38959 | yes | | | -0.00071 | 98 | no | 1.816 | - | |
| 56 PCB 66 | 290 | 18.20 | 15860 | 0.77 | 36568 | 0.017774 | | 104 | | | | |
| | TCB 292 | 18.20 | 20709 | yes | | | -0.00064 | 73 | no | 2.026 | - | |
| 57 PCB 55 | 290 | NotFnd | * | * | * | -0.00076 | | 72 | | | | |
| | TCB 292 | 18.33 | * | no | | | -0.00076 | * | no | 1.69 | - | |
| 58 PCB 56 | 290 | 18.68 | 2832 | 0.73 | 6715 | 0.003999 | | * | | | | |
| | TCB 292 | 18.66 | 3884 | yes | | | -0.00078 | 14 | no | 1.654 | - | |
| 59 PCB 60 | 290 | 18.84 | 2449 | 0.72 | 5860 | 0.003498 | | 14 | | | | |
| | TCB 292 | 18.83 | 3411 | yes | | | -0.00078 | 12 | no | 1.65 | - | |
| 60 PCB 80 | 290 | NotFnd | * | * | * | -0.0006 | | 12 | | | | |
| | TCB 292 | 19.08 | * | no | | | -0.0006 | * | no | 2.158 | - | |
| 61 PCB 79 | 290 | 20.22 | 348 | 0.42 | 1175 | -0.00062 | | * | | | | |
| | TCB 292 | 20.21 | 827 | no | | | -0.00062 | * | yes | 2.095 | - | |
| 62 PCB 78 | 290 | NotFnd | * | * | * | -0.00069 | | * | | | | |
| | TCB 292 | 20.65 | * | no | | | -0.00069 | * | no | 1.857 | - | |
| 63 PCB 81 | 290 | NotFnd | * | * | * | -0.00111 | | * | | | | |
| | TCB 292 | 20.97 | * | no | | | -0.00111 | * | no | 1.167 | - | |
| 64 PCB 77 | 290 | 21.43 | 1482 | 0.76 | 3443 | 0.002401 | | * | | | | |
| | TCB 292 | 21.43 | 1961 | yes | | | -0.00106 | 6 | no | 1.216 | - | |
| 65 PCB 104 | 326 | NotFnd | * | * | * | -0.00127 | | 6 | | | | |
| | PeCB 328 | 15.65 | * | no | | | -0.00127 | * | no | 1.188 | - | |
| 66 PCB 96 | 326 | NotFnd | * | * | * | -0.00221 | | * | | | | |
| | PeCB 328 | 15.87 | * | no | | | -0.00221 | * | no | 0.682 | - | |
| 67 PCB 103 | 326 | 17.00 | -869.55 | 1.55 | -1430.55 | -0.00192 | | * | | | | |
| | PeCB 328 | 17.01 | -561 | OK | | | -0.00182 | * | Op-O | 0.759 | - | |
| 68 PCB 94 | 326 | 17.13 | 267 | 1.56 | 421 | -0.00249 | | * | | | | |
| | PeCB 328 | 17.15 | 165 | no | | | -0.00249 | * | yes | 0.555 | - | |
| 69 PCB 95 | 326 | 17.42 | 20482 | 1.53 | 33851 | 0.04767 | | * | | | | |
| | PeCB 328 | 17.44 | 13369 | yes | | | -0.00201 | 76 | no | 0.687 | - | |
| 70 PCB 100/93/102/98 | 326 | 17.64 | 2244 | 1.6 | 3642 | 0.005655 | | 75 | | | | |
| | PeCB 328 | 17.59 | 1399 | yes | | | -0.00222 | 5 | yes | 0.623 | - | |
| 71 PCB 88/91 | 326 | 17.98 | -1419.8 | 1.55 | -2335.8 | -0.0036 | PCB 88/91 NDR | 5 | | | | |
| | PeCB 328 | 17.98 | -916 | OK | | | -0.0022 | 7 | xL | 0.627 | - | |
| 72 PCB 84 | 326 | 18.15 | 3026 | 1.54 | 4994 | 0.008809 | | 6 | | | | |
| | PeCB 328 | 18.15 | 1968 | yes | | | -0.00252 | 11 | no | 0.548 | - | |
| 73 PCB 89 | 326 | NotFnd | * | * | * | -0.00229 | | 11 | | | | |
| | PeCB 328 | 18.48 | * | no | | | -0.00229 | * | no | 0.604 | - | |
| 74 PCB 121 | 326 | NotFnd | * | * | * | -0.00171 | | * | | | | |
| | PeCB 328 | 18.73 | * | no | | | -0.00171 | * | no | 0.81 | - | |
| 75 PCB 92 | 326 | 18.97 | 7768 | 1.5 | 12945 | 0.019589 | | * | | | | |
| | PeCB 328 | 18.99 | 5177 | yes | | | -0.00216 | 26 | no | 0.639 | - | |
| 76 PCB 113/90/101 | 326 | 19.40 | 42781 | 1.55 | 70357 | 0.094982 | | 27 | | | | |
| | PeCB 328 | 19.40 | 27576 | yes | | | -0.00193 | 144 | no | 0.716 | - | |
| 77 PCB 83/99 | 326 | 19.83 | 29629 | 1.55 | 48783 | 0.081226 | | 146 | | | | |
| | PeCB 328 | 19.84 | 19154 | yes | | | -0.00238 | 92 | no | 0.581 | - | |
| 78 PCB 112 | 326 | NotFnd | * | * | * | -0.0016 | | 96 | | | | |
| | PeCB 328 | 19.95 | * | no | | | -0.0016 | * | no | 0.863 | - | |
| 79 PCB 109/119/86/97/125/ | 326 | 20.22 | 12607 | 1.5 | 21026 | 0.028488 | | * | | | | |
| | PeCB 328 | 20.23 | 8419 | yes | | | -0.00194 | 25 | yes | 0.714 | - | |
| 80 PCB 117/116/85 | 326 | 20.76 | 7734 | 1.56 | 12685 | 0.015765 | | 25 | | | | |
| | PeCB 328 | 20.81 | 4951 | yes | | | -0.00178 | 22 | no | 0.778 | - | |
| 81 PCB 110/115 | 326 | 20.88 | 23302 | 1.56 | 38249 | 0.05332 | | 22 | | | | |
| | PeCB 328 | 20.92 | 14947 | yes | | | -0.00199 | 71 | no | 0.694 | - | |
| 82 PCB 82 | 326 | 21.15 | 1656 | 1.65 | 2660 | 0.004741 | | 70 | | | | |
| | PeCB 328 | 21.17 | 1004 | yes | | | -0.00255 | 6 | no | 0.542 | - | |
| 83 PCB 111 | 326 | NotFnd | * | * | * | -0.00179 | | 5 | | | | |
| | PeCB 328 | 21.45 | * | no | | | -0.00179 | * | no | 0.772 | - | |
| 84 PCB 120 | 326 | NotFnd | * | * | * | -0.00158 | | * | | | | |
| | PeCB 328 | 21.82 | * | no | | | -0.00158 | * | no | 0.877 | - | |
| 85 PCB 108/124 | 326 | 22.74 | -1747 | 1.55 | -2874.1 | -0.00187 | PCB 108/124 NDR | * | | | | |
| | PeCB 328 | 22.72 | -1127.1 | OK | | | -0.00098 | 5 | xL | 1.488 | - | |
| 86 PCB 107 | 326 | 22.95 | 4647 | 1.51 | 7721 | 0.004489 | | 7 | | | | |
| | PeCB 328 | 22.92 | 3074 | yes | | | -0.00088 | 15 | no | 1.663 | - | |
| 87 PCB 123 | 326 | NotFnd | * | * | * | -0.00154 | | 14 | | | | |
| | PeCB 328 | 23.04 | * | no | | | -0.00154 | * | no | 0.947 | - | |
| 88 PCB 106 | 326 | NotFnd | * | * | * | -0.001 | | * | | | | |
| | PeCB 328 | 23.15 | * | no | | | -0.001 | * | no | 1.465 | - | |
| 89 PCB 118 | 326 | 23.32 | 50055 | 1.46 | 84467 | 0.070688 | | * | | | | |
| | PeCB 328 | 23.35 | 34412 | yes | | | -0.0014 | 139 | no | 1.042 | - | |
| | | | | | | | | 151 | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|-------------------|----------|--------|----------|------|----------|----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 137 PCB 183 | 394 | 27.98 | 4911 | 1.05 | 9608 | 0.019873 | | | | | | | | | | | | | | |
| | HpCB 396 | 27.95 | 4697 | yes | | | | | | | | | | | | | | | | |
| 138 PCB 185 | 394 | NotFnd | * | * | | | | | | | | | | | | | | | | |
| | HpCB 396 | 28.04 | * | no | | | | | | | | | | | | | | | | |
| 139 PCB 174 | 394 | NotFnd | * | * | | | | | | | | | | | | | | | | |
| | HpCB 396 | 28.17 | * | no | | | | | | | | | | | | | | | | |
| 140 PCB 177 | 394 | 28.62 | 3458 | 1.08 | 6648 | 0.01791 | | | | | | | | | | | | | | |
| | HpCB 396 | 28.64 | 3191 | yes | | | | | | | | | | | | | | | | |
| 141 PCB 181 | 394 | NotFnd | * | * | | | | | | | | | | | | | | | | |
| | HpCB 396 | 29.02 | * | no | | | | | | | | | | | | | | | | |
| 142 PCB 171/173 | 394 | 29.25 | 1909 | 1.18 | 3528 | 0.009495 | | | | | | | | | | | | | | |
| | HpCB 396 | 29.24 | 1619 | yes | | | | | | | | | | | | | | | | |
| 143 PCB 172 | 394 | NotFnd | * | * | | | | | | | | | | | | | | | | |
| | HpCB 396 | 30.88 | * | no | | | | | | | | | | | | | | | | |
| 144 PCB 192 | 394 | NotFnd | * | * | | | | | | | | | | | | | | | | |
| | HpCB 396 | 31.20 | * | no | | | | | | | | | | | | | | | | |
| 145 PCB 193/180 | 394 | 31.56 | 4306 | 1.11 | 8174 | 0.01942 | | | | | | | | | | | | | | |
| | HpCB 396 | 31.54 | 3868 | yes | | | | | | | | | | | | | | | | |
| 146 PCB 191 | 394 | NotFnd | * | * | | | | | | | | | | | | | | | | |
| | HpCB 396 | 31.92 | * | no | | | | | | | | | | | | | | | | |
| 147 PCB 170 | 394 | 32.88 | 993 | 1.05 | 1934 | 0.005986 | | | | | | | | | | | | | | |
| | HpCB 396 | 32.88 | 941 | yes | | | | | | | | | | | | | | | | |
| 148 PCB 190 | 394 | NotFnd | * | * | | | | | | | | | | | | | | | | |
| | HpCB 396 | 33.44 | * | no | | | | | | | | | | | | | | | | |
| 149 PCB 189 | 394 | NotFnd | * | * | | | | | | | | | | | | | | | | |
| | HpCB 396 | 36.26 | * | no | | | | | | | | | | | | | | | | |
| 150 PCB 202 | 428 | 28.78 | 1260 | 0.94 | 2596 | 0.006209 | | | | | | | | | | | | | | |
| | OcCB 430 | 28.75 | 1335 | yes | | | | | | | | | | | | | | | | |
| 151 PCB 201 | 428 | NotFnd | * | * | | | | | | | | | | | | | | | | |
| | OcCB 430 | 29.67 | * | no | | | | | | | | | | | | | | | | |
| 152 PCB 204 | 428 | NotFnd | * | * | | | | | | | | | | | | | | | | |
| | OcCB 430 | 30.36 | * | no | | | | | | | | | | | | | | | | |
| 153 PCB 197 | 428 | NotFnd | * | * | | | | | | | | | | | | | | | | |
| | OcCB 430 | 30.69 | * | no | | | | | | | | | | | | | | | | |
| 154 PCB 200 | 428 | NotFnd | * | * | | | | | | | | | | | | | | | | |
| | OcCB 430 | 30.71 | * | no | | | | | | | | | | | | | | | | |
| 155 PCB 198/199 | 428 | NotFnd | * | * | | | | | | | | | | | | | | | | |
| | OcCB 430 | 33.61 | * | no | | | | | | | | | | | | | | | | |
| 156 PCB 196 | 428 | NotFnd | * | * | | | | | | | | | | | | | | | | |
| | OcCB 430 | 34.35 | * | no | | | | | | | | | | | | | | | | |
| 157 PCB 203 | 428 | NotFnd | * | * | | | | | | | | | | | | | | | | |
| | OcCB 430 | 34.54 | * | no | | | | | | | | | | | | | | | | |
| 158 PCB 195 | 428 | NotFnd | * | * | | | | | | | | | | | | | | | | |
| | OcCB 430 | 35.99 | * | no | | | | | | | | | | | | | | | | |
| 159 PCB 194 | 428 | NotFnd | * | * | | | | | | | | | | | | | | | | |
| | OcCB 430 | 38.61 | * | no | | | | | | | | | | | | | | | | |
| 160 PCB 205 | 428 | NotFnd | * | * | | | | | | | | | | | | | | | | |
| | OcCB 430 | 39.16 | * | no | | | | | | | | | | | | | | | | |
| 161 PCB 208 | 462 | NotFnd | * | * | | | | | | | | | | | | | | | | |
| | NoCB 464 | 35.75 | * | no | | | | | | | | | | | | | | | | |
| 162 PCB 207 | 462 | NotFnd | * | * | | | | | | | | | | | | | | | | |
| | NoCB 464 | 36.79 | * | no | | | | | | | | | | | | | | | | |
| 163 PCB 206 | 462 | NotFnd | * | * | | | | | | | | | | | | | | | | |
| | NoCB 464 | 41.10 | * | no | | | | | | | | | | | | | | | | |
| 164 PCB 209 | 498 | 42.99 | -329 | 1.16 | -612.621 | -0.00568 | | | | | | | | | | | | | | |
| | DCB 500 | 42.98 | -283.621 | OK | | | | | | | | | | | | | | | | |
| 165 PCB 1L | 200 | 8.82 | 95194 | 3.43 | 122984 | 0.068793 | | | | | | | | | | | | | | |
| | 202 | 8.82 | 27790 | yes | | | | | | | | | | | | | | | | |
| 166 PCB 3L | 200 | 10.01 | 121912 | 3.4 | 157774 | 0.087562 | | | | | | | | | | | | | | |
| | 202 | 9.99 | 35862 | yes | | | | | | | | | | | | | | | | |
| 167 PCB 4L | 234 | 10.12 | 37615 | 1.59 | 61227 | 0.099894 | | | | | | | | | | | | | | |
| | 236 | 10.09 | 23612 | yes | | | | | | | | | | | | | | | | |
| 168 PCB 15L | 234 | 12.71 | 235893 | 1.71 | 374071 | 0.161534 | | | | | | | | | | | | | | |
| | 236 | 12.70 | 138178 | yes | | | | | | | | | | | | | | | | |
| 169 PCB 19L | 268 | 11.49 | 51025 | 1.04 | 100012 | 0.133092 | | | | | | | | | | | | | | |
| | 270 | 11.47 | 48987 | yes | | | | | | | | | | | | | | | | |
| 170 PCB 37L | 268 | 16.36 | 214103 | 1.1 | 409232 | 0.192622 | | | | | | | | | | | | | | |
| | 270 | 16.36 | 195130 | yes | | | | | | | | | | | | | | | | |
| 171 PCB 54L | 302 | 12.85 | 53703 | 0.8 | 120875 | 0.19619 | | | | | | | | | | | | | | |
| | 304 | 12.85 | 67172 | yes | | | | | | | | | | | | | | | | |
| 172 PCB 81L | 302 | 20.97 | 113822 | 0.83 | 251437 | 0.164901 | | | | | | | | | | | | | | |
| | 304 | 20.98 | 137615 | yes | | | | | | | | | | | | | | | | |
| 173 PCB 77L | 302 | 21.41 | 103619 | 0.79 | 235277 | 0.160922 | | | | | | | | | | | | | | |
| | 304 | 21.43 | 131658 | yes | | | | | | | | | | | | | | | | |
| 174 PCB 104L | 338 | 15.63 | 81871 | 1.57 | 134186 | 0.237126 | | | | | | | | | | | | | | |
| | 340 | 15.62 | 52316 | yes | | | | | | | | | | | | | | | | |
| 175 PCB 123L | 338 | 23.01 | 154587 | 1.74 | 243282 | 0.181231 | | | | | | | | | | | | | | |
| | 340 | 23.03 | 88694 | yes | | | | | | | | | | | | | | | | |
| 176 PCB 118L | 338 | 23.30 | 142561 | 1.65 | 228746 | 0.177369 | | | | | | | | | | | | | | |
| | 340 | 23.30 | 86185 | yes | | | | | | | | | | | | | | | | |
| 177 PCB 114L | 338 | 23.78 | 132752 | 1.67 | 212416 | 0.177077 | | | | | | | | | | | | | | |
| | 340 | 23.78 | 79665 | yes | | | | | | | | | | | | | | | | |
| 178 PCB 105L | 338 | 24.32 | 135080 | 1.73 | 213054 | 0.172174 | | | | | | | | | | | | | | |
| | 340 | 24.34 | 77974 | yes | | | | | | | | | | | | | | | | |
| 179 PCB 126L | 338 | 27.14 | 100019 | 1.61 | 162339 | 0.133528 | | | | | | | | | | | | | | |
| | 340 | 27.15 | 62319 | yes | | | | | | | | | | | | | | | | |
| 180 PCB 155L | 372 | 19.23 | 81354 | 1.27 | 145328 | 0.333312 | | | | | | | | | | | | | | |
| | 374 | 19.24 | 63974 | yes | | | | | | | | | | | | | | | | |
| 181 PCB 167L | 372 | 28.96 | 92643 | 1.3 | 163933 | 0.17507 | | | | | | | | | | | | | | |
| | 374 | 28.99 | 71291 | yes | | | | | | | | | | | | | | | | |
| 182 PCB 156L/157L | 372 | 30.12 | 157 | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | |
|-----------------------|-----|--------|---------|------|----------|----------|-------|----------|----|-------|-----|--|--|
| 184 PCB 188L | 406 | 23.75 | 62148 | 1.11 | 117999 | 0.259083 | | | | | | | |
| | 408 | 23.75 | 56850 | yes | | | 0.001 | 974 | no | 1.103 | 117 | | |
| 185 PCB 180L | 406 | 31.54 | 32093 | 1.04 | 62978 | 0.318199 | | 3086 | | | | | |
| | 408 | 31.56 | 30885 | yes | | | 0.001 | 437 | no | 1.219 | 144 | | |
| 186 PCB 170L | 406 | 32.85 | 27593 | 1.07 | 53469 | 0.301428 | | 2963 | | | | | |
| | 408 | 32.87 | 25876 | yes | | | 0.002 | 371 | no | 1.093 | 136 | | |
| 187 PCB 189L | 406 | 36.23 | 52620 | 1.01 | 104443 | 0.26555 | | 2436 | | | | | |
| | 408 | 36.23 | 51823 | yes | | | 0.001 | 473 | no | 2.422 | 120 | | |
| 188 PCB 202L | 440 | 28.73 | 36274 | 0.88 | 77243 | 0.399713 | | 667 | | | | | |
| | 442 | 28.71 | 40969 | yes | | | 0.001 | 1385 | no | 1.19 | 180 | | |
| 189 PCB 205L | 440 | 39.12 | 23231 | 0.87 | 49844 | 0.207769 | | 1160 | | | | | |
| | 442 | 39.13 | 26614 | yes | | | 0.002 | 144 | no | 1.478 | 94 | | |
| 190 PCB 208L | 474 | 35.72 | 20192 | 0.77 | 46340 | 0.246229 | | 993 | | | | | |
| | 476 | 35.73 | 26148 | yes | | | 0.001 | 717 | no | 1.159 | 111 | | |
| 191 PCB 206L | 474 | 41.10 | 11676 | 0.89 | 24774 | 0.187431 | | 495 | | | | | |
| | 476 | 41.09 | 13099 | no | | | 0.002 | 403 | no | 0.814 | 85 | | |
| 192 PCB 209L | 510 | 42.94 | 11865 | 1.31 | 20930 | 0.17081 | | 243 | | | | | |
| | 512 | 42.94 | 9065 | yes | | | 0.001 | 1322 | no | 0.755 | 77 | | |
| 193 PCB 28L | 268 | 14.15 | 230766 | 1.11 | 439180 | 0.194357 | | 485 | | | | | |
| PCB Cleanup Standard | 270 | 14.15 | 208414 | yes | | | 0.003 | 270 | no | 2.78 | 79 | | |
| 194 PCB 111L | 338 | 21.41 | 91252 | 1.65 | 146693 | 0.188102 | | 143 | | | | | |
| PCB Cleanup Standard | 340 | 21.42 | 55442 | yes | | | 0 | 1843 | no | 1.332 | 77 | | |
| 195 PCB 178L | 406 | 26.48 | 30871 | 1.07 | 59672 | 0.222241 | | 2066 | | | | | |
| PCB Cleanup Standard | 408 | 26.49 | 28801 | yes | | | 0.001 | 451 | no | 0.65 | 90 | | |
| 196 PCB 31L | 268 | NotFnd | * | * | * | | | 1478 | | | | | |
| PCB Audit Standard | 270 | 13.99 | * | no | | | 0.003 | | no | 2.775 | | | |
| 197 PCB 95L | 338 | NotFnd | * | * | * | | | | | | | | |
| PCB Audit Standard | 340 | 17.41 | * | no | | | 0 | | no | 0.987 | | | |
| 198 PCB 153L | 372 | 24.93 | 1526 | 1.13 | 2876 | 0.005853 | | | | | | | |
| PCB Audit Standard | 374 | 24.92 | 1351 | yes | | | 0 | 65 | no | 1.191 | 3 | | |
| 199 PCB 9L | 234 | 11.01 | 1509635 | 1.67 | 2412062 | 9.298154 | | 27 | | | | | |
| PCB Recovery Standard | 236 | 11.03 | 902426 | yes | | | - | 7328 | no | - | - | | |
| 200 PCB 52L | 302 | 15.08 | 405211 | 0.82 | 900754 | 9.128897 | | 6181 | | | | | |
| PCB Recovery Standard | 304 | 15.08 | 495543 | yes | | | - | 2565 | no | - | - | | |
| 201 PCB 101L | 338 | 19.38 | 403740 | 1.65 | 648742 | 7.882425 | | 5258 | | | | | |
| PCB Recovery Standard | 340 | 19.40 | 245002 | yes | | | - | 8925 | no | - | - | | |
| 202 PCB 138L | 372 | 26.07 | 253910 | 1.25 | 457391 | 5.476763 | | 10226 | | | | | |
| PCB Recovery Standard | 374 | 26.09 | 203481 | yes | | | - | 11132 | no | - | - | | |
| 203 PCB 194L | 440 | 38.58 | 84973 | 0.89 | 179911 | 2.457578 | | 4628 | | | | | |
| PCB Recovery Standard | 442 | 38.61 | 94938 | yes | | | - | 546 | no | - | - | | |
| | | | | | | | | 3465 | | | | | |
| Chlorobiphenyls | | | | | -0.00223 | | 0 | -0.00223 | | | | | |
| Dichlorobiphenyls | | | | | 0.008018 | | 1 | -0.03014 | | | | | |
| Trichlorobiphenyls | | | | | 0.039295 | | 7 | -0.00489 | | | | | |
| Tetrachlorobiphenyls | | | | | 0.176016 | | 15 | -0.00278 | | | | | |
| Pentachlorobiphenyls | | | | | 0.458529 | | 13 | -0.00255 | | | | | |
| Hexachlorobiphenyls | | | | | 0.722245 | | 12 | -0.00417 | | | | | |
| Heptachlorobiphenyls | | | | | 0.172378 | | 7 | -0.00557 | | | | | |
| Octachlorobiphenyls | | | | | 0.006209 | | 1 | -0.00466 | | | | | |
| Nonachlorobiphenyls | | | | | -0.00445 | | 0 | -0.00445 | | | | | |
| Decachlorobiphenyl | | | | | -0.00412 | | 0 | -0.00412 | | | | | |
| PCB (total) | | | | | 1.58269 | | | | | | | | |

USE
DIL'N
VALUES

Filename M2161205B12
 Acquired 12/06/2016 4:50

Call File m2161205B_209

HIGH RES.
 12/16/2014

Sample ID DIS275-01R.D1
 Comments
 Instrument File Ultima 3
 Sample Size 10.026

Dil Fac 1.00

| Name | mass | RT | Area | ratio | Tot Area | ng/g | Code | Isomers | DL | S/N | Mod | rrf | Rec |
|--------------|-----------|--------|----------|-------|----------|----------|---------------|---------|----------|-----|-----|-------|-----|
| 1 PCB 1 | 188 | NotFnd | * | * | * | -0.00219 | | | -0.00219 | * | no | 1.296 | - |
| 2 PCB 2 | MoCB 190 | 8.82 | * | no | * | -0.00168 | | | -0.00168 | * | no | 1.697 | - |
| 3 PCB 3 | 188 | NotFnd | * | * | * | -0.00223 | | | -0.00223 | * | no | 1.276 | - |
| 4 PCB 4 | MoCB 190 | 10.01 | * | no | * | -0.02546 | | | -0.02546 | * | no | 1.186 | - |
| 5 PCB 10 | 222 | NotFnd | * | * | * | -0.03014 | | | -0.03014 | * | no | 1.002 | - |
| 6 PCB 9 | DICB 224 | 10.21 | * | no | * | -0.00705 | | | -0.00705 | * | no | 2.318 | - |
| 7 PCB 7 | 222 | NotFnd | * | * | * | -0.00811 | | | -0.00811 | * | no | 2.015 | - |
| 8 PCB 6 | DICB 224 | 11.09 | * | no | * | -0.00718 | | | -0.00718 | * | no | 2.278 | - |
| 9 PCB 5 | 222 | NotFnd | * | * | * | -0.00917 | | | -0.00917 | * | no | 1.783 | - |
| 10 PCB 8 | DICB 224 | 11.30 | * | no | * | -0.00677 | | | -0.00677 | * | no | 2.416 | - |
| 11 PCB 14 | 222 | NotFnd | * | * | * | -0.00715 | | | -0.00715 | * | no | 2.288 | - |
| 12 PCB 11 | DICB 224 | 12.06 | * | no | * | -0.00751 | | | -0.00751 | 67 | no | 2.176 | - |
| 13 PCB 13/12 | 222 | 12.42 | 11514 | 1.53 | 19037 | 0.008018 | | | -0.00751 | 3 | no | 1.978 | - |
| 14 PCB 15 | DICB 224 | 12.43 | 7524 | yes | * | -0.00827 | | | -0.00827 | * | no | 1.042 | - |
| 15 PCB 19 | 222 | NotFnd | * | * | * | -0.01569 | | | -0.01569 | * | no | 1.156 | - |
| 16 PCB 30/18 | TriCB 258 | 11.49 | * | no | * | -0.0026 | | | -0.0026 | * | no | 1.156 | - |
| 17 PCB 17 | 256 | 12.28 | 2501 | 1.03 | 4934 | 0.004474 | | | -0.00348 | 14 | no | 0.864 | - |
| 18 PCB 27 | TriCB 258 | 12.30 | 2432 | yes | 1294 | -0.00435 | | | -0.00435 | 16 | yes | 0.691 | - |
| 19 PCB 24 | 256 | 12.48 | 728 | 1.29 | * | -0.00298 | | | -0.00298 | * | no | 1.006 | - |
| 20 PCB 16 | TriCB 258 | 12.48 | 586 | no | * | -0.00374 | | | -0.00374 | * | no | 0.802 | - |
| 21 PCB 32 | 256 | NotFnd | * | * | * | -0.00489 | | | -0.00489 | * | no | 0.614 | - |
| 22 PCB 34 | TriCB 258 | 12.65 | * | no | * | -0.00273 | | | -0.00273 | * | no | 1.1 | - |
| 23 PCB 23 | 256 | 12.71 | * | * | * | -0.0003 | | | -0.0003 | * | no | 2.11 | - |
| 24 PCB 26/29 | TriCB 258 | 12.93 | 1003 | 1.39 | 4734 | 0.001741 | | | -0.00034 | * | no | 1.864 | - |
| 25 PCB 25 | 256 | NotFnd | * | * | * | -0.00029 | | | -0.00029 | 20 | no | 2.13 | - |
| 26 PCB 31 | TriCB 258 | 12.93 | 720 | no | 2269.5 | -0.00084 | PCB 25 NDR | | -0.0003 | 10 | xL | 2.103 | - |
| 27 PCB 28/20 | 256 | 13.72 | 2403 | 1.03 | 21253 | 0.007562 | | | -0.00028 | 93 | no | 2.202 | - |
| 28 PCB 21/33 | TriCB 258 | 13.76 | 2331 | yes | 41942 | 0.016674 | | | -0.00032 | 179 | no | 1.971 | - |
| 29 PCB 22 | 256 | 13.84 | -1157 | 1.04 | 9853 | 0.003845 | | | -0.00031 | 196 | no | 2.008 | - |
| 30 PCB 36 | TriCB 258 | 13.84 | -1112.5 | OK | 5148 | 0.002293 | | | -0.00036 | 39 | no | 1.758 | - |
| 31 PCB 39 | 256 | 13.99 | 10717 | 1.02 | * | -0.00027 | | | -0.00027 | 40 | no | 2.334 | - |
| 32 PCB 38 | TriCB 258 | 14.00 | 10536 | yes | * | -0.00032 | | | -0.00032 | 21 | no | 1.922 | - |
| 33 PCB 35 | 256 | 14.15 | 20637 | 0.97 | 4734 | 0.001741 | | | -0.00032 | * | no | 1.922 | - |
| 34 PCB 37 | TriCB 258 | 14.16 | 21305 | yes | 5469 | 0.002706 | | | -0.00031 | * | no | 1.971 | - |
| 35 PCB 54 | 256 | 14.29 | 4927 | 1 | 5469 | 0.002706 | | | -0.00031 | * | no | 2.017 | - |
| 36 PCB 53/50 | TriCB 258 | 14.26 | 4926 | yes | 5469 | 0.002706 | | | -0.00063 | 22 | no | 0.985 | - |
| 37 PCB 45/51 | 256 | 14.48 | 2559 | 0.99 | 5469 | 0.002706 | | | -0.00048 | 20 | no | 1.02 | - |
| 38 PCB 46 | TriCB 258 | 14.46 | 2588 | yes | 5469 | 0.002706 | | | -0.00048 | * | no | 1.02 | - |
| 39 PCB 52 | 256 | NotFnd | * | * | * | -0.00027 | | | -0.00048 | * | no | 1.02 | - |
| 40 PCB 73 | TriCB 258 | 15.29 | * | no | * | -0.00027 | | | -0.00048 | * | no | 1.02 | - |
| 41 PCB 43 | 256 | NotFnd | * | * | * | -0.00032 | | | -0.00032 | * | no | 1.922 | - |
| 42 PCB 69/49 | TriCB 258 | 15.51 | * | no | * | -0.00032 | | | -0.00032 | * | no | 1.971 | - |
| | 256 | NotFnd | * | * | * | -0.00032 | | | -0.00032 | * | no | 1.971 | - |
| | TriCB 258 | 15.86 | * | no | * | -0.00031 | | | -0.00031 | * | no | 2.017 | - |
| | 256 | NotFnd | * | * | * | -0.00031 | | | -0.00031 | * | no | 2.017 | - |
| | TriCB 258 | 16.13 | * | no | * | -0.00031 | | | -0.00031 | * | no | 2.017 | - |
| | 256 | 16.37 | 2834 | 1.08 | 5469 | 0.002706 | | | -0.00063 | 22 | no | 0.985 | - |
| | TriCB 258 | 16.37 | 2635 | yes | 5469 | 0.002706 | | | -0.00063 | 20 | no | 0.985 | - |
| | 290 | NotFnd | * | * | * | -0.00048 | | | -0.00048 | * | no | 1.02 | - |
| | TCB 292 | 12.88 | * | no | * | -0.00048 | | | -0.00048 | * | no | 1.02 | - |
| | 290 | 13.86 | -1670.8 | 0.77 | -3610.8 | -0.00407 | PCB 53/50 NDR | | -0.00171 | 12 | xL | 0.672 | - |
| | TCB 292 | 13.89 | -2040 | OK | -3610.8 | -0.00407 | PCB 53/50 NDR | | -0.00171 | 9 | xL | 0.672 | - |
| | 290 | 14.22 | -686 | 0.77 | -1576.91 | -0.00188 | PCB 45/51 NDR | | -0.00181 | 3 | xL | 0.826 | - |
| | TCB 292 | 14.24 | -890.909 | OK | -1576.91 | -0.00188 | PCB 45/51 NDR | | -0.00181 | 5 | xL | 0.826 | - |
| | 290 | 14.37 | 436 | 0.76 | 1005 | -0.00205 | | | -0.00205 | * | yes | 0.727 | - |
| | TCB 292 | 14.39 | 569 | no | 1005 | -0.00205 | | | -0.00205 | * | yes | 0.727 | - |
| | 290 | 15.10 | 14785 | 0.77 | 33877 | 0.036871 | | | -0.00165 | 82 | no | 0.905 | - |
| | TCB 292 | 15.10 | 19092 | yes | 33877 | 0.036871 | | | -0.00165 | 82 | no | 0.905 | - |
| | 290 | NotFnd | * | * | * | -0.00134 | | | -0.00134 | * | no | 1.116 | - |
| | TCB 292 | 15.18 | * | no | * | -0.00134 | | | -0.00134 | * | no | 1.116 | - |
| | 290 | NotFnd | * | * | * | -0.00278 | | | -0.00278 | * | no | 0.537 | - |
| | TCB 292 | 15.25 | * | no | * | -0.00278 | | | -0.00278 | * | no | 0.537 | - |
| | 290 | 15.37 | 4807 | 0.75 | 11242 | 0.011342 | | | -0.00153 | 27 | no | 0.976 | - |
| | TCB 292 | 15.37 | 6435 | yes | 11242 | 0.011342 | | | -0.00153 | 27 | no | 0.976 | - |

| | | | | | | | | | | | | | |
|------------------------------|----------|--------|---------|------|----------|----------|----------|-----|-----|-------|-------|---|--|
| 43 PCB 48 | 290 | 15.53 | 1734 | 0.66 | 4346 | 0.005594 | | | | | | | |
| | TCB 292 | 15.55 | 2612 | yes | | | -0.00195 | 10 | no | 0.765 | - | | |
| 44 PCB 44/47/65 | 290 | 15.67 | 12711 | 0.76 | 29359 | 0.032767 | | | | | | | |
| | TCB 292 | 15.70 | 16648 | yes | | | -0.00169 | 54 | no | 0.883 | - | | |
| 45 PCB 59/62/75 | 290 | 15.86 | 1358 | 0.83 | 2984 | 0.00266 | | | | | | | |
| | TCB 292 | 15.87 | 1626 | yes | | | -0.00135 | 7 | no | 1.105 | - | | |
| 46 PCB 42 | 290 | 15.98 | 1439 | 0.74 | 3390 | 0.004658 | | | | | | | |
| | TCB 292 | 15.98 | 1952 | yes | | | -0.00208 | 8 | no | 0.717 | - | | |
| 47 PCB 40/41/71 | 290 | 16.25 | 3915 | 0.83 | 8653 | 0.01062 | | | | | | | |
| | TCB 292 | 16.27 | 4738 | yes | | | -0.00186 | 20 | no | 0.803 | - | | |
| 48 PCB 64 | 290 | 16.39 | 2274 | 0.74 | 5363 | 0.005109 | | | | | | | |
| | TCB 292 | 16.41 | 3089 | yes | | | -0.00144 | 12 | no | 1.034 | - | | |
| 49 PCB 72 | 290 | 16.88 | 828 | 0.87 | 1775 | 0.000866 | | | | | | | |
| | TCB 292 | 16.88 | 947 | yes | | | -0.00064 | 4 | yes | 2.019 | - | | |
| 50 PCB 68 | 290 | 17.05 | -883.96 | 0.77 | -2031.96 | -0.00106 | | | | | | | |
| | TCB 292 | 17.05 | -1148 | OK | | | -0.00068 | 5 | xL | 1.893 | - | | |
| 51 PCB 57 | 290 | NotFnd | * | * | * | -0.00066 | | | | | | | |
| | TCB 292 | 17.34 | * | no | * | -0.00066 | | | | 1.963 | - | | |
| 52 PCB 58 | 290 | NotFnd | * | * | * | -0.00073 | | | | | | | |
| | TCB 292 | 17.49 | * | no | * | -0.00073 | | | | 1.762 | - | | |
| 53 PCB 67 | 290 | NotFnd | * | * | * | -0.00061 | | | | | | | |
| | TCB 292 | 17.59 | * | no | * | -0.00061 | | | | 2.107 | - | | |
| 54 PCB 63 | 290 | 17.78 | 1006 | 0.68 | 2484 | 0.001211 | | | | | | | |
| | TCB 292 | 17.76 | 1477 | yes | | | -0.00064 | 5 | yes | 2.019 | - | | |
| 55 PCB 61/70/74/76 | 290 | 17.98 | 28814 | 0.73 | 67573 | 0.036646 | | | | | | | |
| | TCB 292 | 17.99 | 38959 | yes | | | -0.00071 | 98 | no | 1.816 | - | | |
| 56 PCB 66 | 290 | 18.20 | 15860 | 0.77 | 36568 | 0.017774 | | | | | | | |
| | TCB 292 | 18.20 | 20709 | yes | | | -0.00064 | 73 | no | 2.026 | - | | |
| 57 PCB 55 | 290 | NotFnd | * | * | * | -0.00076 | | | | | | | |
| | TCB 292 | 18.33 | * | no | * | -0.00076 | | | | 1.69 | - | | |
| 58 PCB 56 | 290 | 18.68 | 2832 | 0.73 | 6715 | 0.003999 | | | | | | | |
| | TCB 292 | 18.66 | 3884 | yes | | | -0.00078 | 14 | no | 1.654 | - | | |
| 59 PCB 60 | 290 | 18.84 | 2449 | 0.72 | 5860 | 0.003498 | | | | | | | |
| | TCB 292 | 18.83 | 3411 | yes | | | -0.00078 | 12 | no | 1.65 | - | | |
| 60 PCB 80 | 290 | NotFnd | * | * | * | -0.0006 | | | | | | | |
| | TCB 292 | 19.08 | * | no | * | -0.0006 | | | | 2.158 | - | | |
| 61 PCB 79 | 290 | 20.22 | 348 | 0.42 | 1175 | -0.00062 | | | | | | | |
| | TCB 292 | 20.21 | 827 | no | | -0.00062 | | | | 2.095 | - | | |
| 62 PCB 78 | 290 | NotFnd | * | * | * | -0.00069 | | | | | | | |
| | TCB 292 | 20.65 | * | no | * | -0.00069 | | | | 1.857 | - | | |
| 63 PCB 81 | 290 | NotFnd | * | * | * | -0.00111 | | | | | | | |
| | TCB 292 | 20.97 | * | no | * | -0.00111 | | | | 1.167 | - | | |
| 64 PCB 77 | 290 | 21.43 | 1482 | 0.76 | 3443 | 0.002401 | | | | | | | |
| | TCB 292 | 21.43 | 1961 | yes | | | -0.00106 | 6 | no | 1.216 | - | | |
| 65 PCB 104 | 326 | NotFnd | * | * | * | -0.00127 | | | | | | | |
| | PeCB 328 | 15.65 | * | no | * | -0.00127 | | | | 1.188 | - | | |
| 66 PCB 96 | 326 | NotFnd | * | * | * | -0.00221 | | | | | | | |
| | PeCB 328 | 15.87 | * | no | * | -0.00221 | | | | 0.682 | - | | |
| 67 PCB 103 | 326 | 17.00 | -869.55 | 1.55 | -1430.55 | -0.00182 | | | | | | | |
| | PeCB 328 | 17.01 | -561 | OK | | -0.00182 | | | | Op-O | 0.759 | - | |
| 68 PCB 94 | 326 | 17.13 | 257 | 1.56 | 421 | -0.00249 | | | | | | | |
| | PeCB 328 | 17.15 | 165 | no | | -0.00249 | | | | yes | 0.555 | - | |
| 69 PCB 95 | 326 | 17.42 | 20482 | 1.53 | 33851 | 0.04767 | | | | | | | |
| | PeCB 328 | 17.44 | 13369 | yes | | | -0.00201 | 76 | no | 0.687 | - | | |
| 70 PCB 100/93/102/98 | 326 | 17.64 | 2244 | 1.6 | 3642 | 0.005655 | | | | | | | |
| | PeCB 328 | 17.59 | 1399 | yes | | | -0.00222 | 5 | yes | 0.623 | - | | |
| 71 PCB 88/91 | 326 | 17.98 | -1419.8 | 1.55 | -2335.8 | -0.0036 | | | | | | | |
| | PeCB 328 | 17.98 | -916 | OK | | -0.0022 | | | | xL | 0.627 | - | |
| 72 PCB 84 | 326 | 18.15 | 3026 | 1.54 | 4994 | 0.008809 | | | | | | | |
| | PeCB 328 | 18.15 | 1968 | yes | | | -0.00252 | 11 | no | 0.548 | - | | |
| 73 PCB 89 | 326 | NotFnd | * | * | * | -0.00229 | | | | | | | |
| | PeCB 328 | 18.48 | * | no | * | -0.00229 | | | | 0.604 | - | | |
| 74 PCB 121 | 326 | NotFnd | * | * | * | -0.00171 | | | | | | | |
| | PeCB 328 | 18.73 | * | no | * | -0.00171 | | | | 0.81 | - | | |
| 75 PCB 92 | 326 | 18.97 | 7768 | 1.5 | 12945 | 0.019589 | | | | | | | |
| | PeCB 328 | 18.99 | 5177 | yes | | | -0.00216 | 28 | no | 0.639 | - | | |
| 76 PCB 113/90/101 | 326 | 19.40 | 42781 | 1.55 | 70357 | 0.094982 | | | | | | | |
| | PeCB 328 | 19.40 | 27576 | yes | | | -0.00193 | 144 | no | 0.716 | - | | |
| 77 PCB 83/99 | 326 | 19.83 | 29629 | 1.55 | 48783 | 0.081226 | | | | | | | |
| | PeCB 328 | 19.84 | 19154 | yes | | | -0.00238 | 92 | no | 0.581 | - | | |
| 78 PCB 112 | 326 | NotFnd | * | * | * | -0.0016 | | | | | | | |
| | PeCB 328 | 19.95 | * | no | * | -0.0016 | | | | 0.863 | - | | |
| 79 PCB 109/119/86/97/126/326 | 326 | 20.22 | 12607 | 1.5 | 21026 | 0.028488 | | | | | | | |
| | PeCB 328 | 20.23 | 8419 | yes | | | -0.00194 | 25 | yes | 0.714 | - | | |
| 80 PCB 117/116/85 | 326 | 20.76 | 7734 | 1.56 | 12685 | 0.015765 | | | | | | | |
| | PeCB 328 | 20.81 | 4951 | yes | | | -0.00178 | 22 | no | 0.778 | - | | |
| 81 PCB 110/115 | 326 | 20.88 | 23302 | 1.56 | 38249 | 0.05332 | | | | | | | |
| | PeCB 328 | 20.92 | 14947 | yes | | | -0.00199 | 71 | no | 0.694 | - | | |
| 82 PCB 82 | 326 | 21.15 | 1656 | 1.65 | 2660 | 0.004741 | | | | | | | |
| | PeCB 328 | 21.17 | 1004 | yes | | | -0.00255 | 5 | no | 0.542 | - | | |
| 83 PCB 111 | 326 | NotFnd | * | * | * | -0.00179 | | | | | | | |
| | PeCB 328 | 21.45 | * | no | * | -0.00179 | | | | 0.772 | - | | |
| 84 PCB 120 | 326 | NotFnd | * | * | * | -0.00158 | | | | | | | |
| | PeCB 328 | 21.82 | * | no | * | -0.00158 | | | | 0.877 | - | | |
| 85 PCB 108/124 | 326 | 22.74 | -1747 | 1.55 | -2874.1 | -0.00187 | | | | | | | |
| | PeCB 328 | 22.72 | -1127.1 | OK | | -0.00098 | | | | xL | 1.488 | - | |
| 86 PCB 107 | 326 | 22.95 | 4647 | 1.51 | 7721 | 0.004489 | | | | | | | |
| | PeCB 328 | 22.92 | 3074 | yes | | | -0.00088 | 15 | no | 1.663 | - | | |
| 87 PCB 123 | 326 | NotFnd | * | * | * | -0.00154 | | | | | | | |
| | PeCB 328 | 23.04 | * | no | * | -0.00154 | | | | 0.947 | - | | |
| 88 PCB 106 | 326 | NotFnd | * | * | * | -0.001 | | | | | | | |
| | PeCB 328 | 23.15 | * | no | * | -0.001 | | | | 1.465 | - | | |
| 89 PCB 118 | 326 | 23.32 | 50055 | 1.46 | 84467 | 0.070688 | | | | | | | |
| | PeCB 328 | 23.35 | 34412 | yes | | | -0.0014 | 139 | no | 1.042 | - | | |

| | | | | | | | | | | | | |
|---------------------|----------|--------|----------|------|----------|----------|-----------------|----------|-----|-----|-------|---|
| 90 PCB 122 | 326 | NotFnd | * | * | * | -0.00103 | | -0.00103 | * | no | 1.418 | - |
| | PeCB 328 | 23.63 | * | no | * | | | | * | | | |
| 91 PCB 114 | 326 | NotFnd | * | * | * | -0.00136 | | -0.00136 | * | no | 1.076 | - |
| | PeCB 328 | 23.80 | * | no | * | | | | * | | | |
| 92 PCB 105 | 326 | 24.36 | 15464 | 1.51 | 25675 | 0.023107 | | -0.00141 | 40 | no | 1.04 | - |
| | PeCB 328 | 24.37 | 10211 | yes | * | | | | 40 | | | |
| 93 PCB 127 | 326 | NotFnd | * | * | * | -0.00092 | | -0.00092 | * | no | 1.583 | - |
| | PeCB 328 | 25.65 | * | no | * | | | | * | | | |
| 94 PCB 126 | 326 | NotFnd | * | * | * | -0.00141 | | -0.00141 | * | no | 1.037 | - |
| | PeCB 328 | 27.17 | * | no | * | | | | * | | | |
| 95 PCB 155 | 360 | NotFnd | * | * | * | -0.00121 | | -0.00121 | * | no | 1.079 | - |
| | HxCB 362 | 19.25 | * | no | * | | | | * | | | |
| 96 PCB 152 | 360 | NotFnd | * | * | * | -0.0019 | | -0.0019 | * | no | 0.686 | - |
| | HxCB 362 | 19.40 | * | no | * | | | | * | | | |
| 97 PCB 150 | 360 | NotFnd | * | * | * | -0.00215 | | -0.00215 | * | no | 0.606 | - |
| | HxCB 362 | 19.52 | * | no | * | | | | * | | | |
| 98 PCB 136 | 360 | 19.79 | 3757 | 1.15 | 7031 | 0.016004 | | -0.00198 | 17 | no | 0.659 | - |
| | HxCB 362 | 19.79 | 3274 | yes | * | | | | 18 | | | |
| 99 PCB 145 | 360 | NotFnd | * | * | * | -0.00229 | | -0.00229 | * | no | 0.57 | - |
| | HxCB 362 | 20.02 | * | no | * | | | | * | | | |
| 100 PCB 148 | 360 | NotFnd | * | * | * | -0.00265 | | -0.00265 | * | no | 0.491 | - |
| | HxCB 362 | 21.11 | * | no | * | | | | * | | | |
| 101 PCB 151/135 | 360 | 21.60 | 11614 | 1.19 | 21340 | 0.072398 | | -0.00295 | 41 | no | 0.442 | - |
| | HxCB 362 | 21.61 | 9727 | yes | * | | | | 41 | | | |
| 102 PCB 154 | 360 | 21.80 | -1423.52 | 1.24 | -2571.52 | -0.00722 | PCB 154 NDR | -0.00247 | 8 | xL | 0.528 | - |
| | HxCB 362 | 21.81 | -1148 | OK | * | | | | 6 | | | |
| 103 PCB 144 | 360 | 22.08 | 1332 | 1.32 | 2343 | 0.007501 | | -0.00278 | 6 | no | 0.469 | - |
| | HxCB 362 | 22.03 | 1011 | yes | * | | | | 6 | | | |
| 104 PCB 147/149 | 360 | 22.35 | 28597 | 1.25 | 51555 | 0.116387 | | -0.00331 | 129 | yes | 0.665 | - |
| | HxCB 362 | 22.34 | 22959 | yes | * | | | | 134 | | | |
| 105 PCB 134/143 | 360 | 22.54 | -1303.24 | 1.24 | -2354.24 | -0.00589 | PCB 134/143 NDR | -0.00372 | 7 | xL | 0.593 | - |
| | HxCB 362 | 22.59 | -1051 | OK | * | | | | 6 | | | |
| 106 PCB 139/140 | 360 | NotFnd | * | * | * | -0.00331 | | -0.00331 | * | no | 0.666 | - |
| | HxCB 362 | 22.86 | * | no | * | | | | * | | | |
| 107 PCB 131 | 360 | NotFnd | * | * | * | -0.00408 | | -0.00408 | * | no | 0.54 | - |
| | HxCB 362 | 23.03 | * | no | * | | | | * | | | |
| 108 PCB 142 | 360 | NotFnd | * | * | * | -0.00365 | | -0.00365 | * | no | 0.603 | - |
| | HxCB 362 | 23.17 | * | no | * | | | | * | | | |
| 109 PCB 132 | 360 | 23.42 | 3803 | 1.13 | 7157 | 0.02032 | | -0.00417 | 14 | no | 0.528 | - |
| | HxCB 362 | 23.42 | 3354 | yes | * | | | | 14 | | | |
| 110 PCB 133 | 360 | 23.83 | 1148 | 1.19 | 2110 | 0.005035 | | -0.0035 | 4 | no | 0.629 | - |
| | HxCB 362 | 23.82 | 982 | yes | * | | | | 5 | | | |
| 111 PCB 165 | 360 | NotFnd | * | * | * | -0.003 | | -0.003 | * | no | 0.735 | - |
| | HxCB 362 | 24.15 | * | no | * | | | | * | | | |
| 112 PCB 146 | 360 | 24.41 | 11646 | 1.41 | 19924 | 0.04179 | | -0.00308 | 44 | no | 0.715 | - |
| | HxCB 362 | 24.39 | 8278 | yes | * | | | | 40 | | | |
| 113 PCB 161 | 360 | NotFnd | * | * | * | -0.00255 | | -0.00255 | * | no | 0.864 | - |
| | HxCB 362 | 24.50 | * | no | * | | | | * | | | |
| 114 PCB 153/168 | 360 | 24.95 | 70352 | 1.25 | 126631 | 0.242619 | | -0.00281 | 271 | no | 0.783 | - |
| | HxCB 362 | 24.97 | 56279 | yes | * | | | | 268 | | | |
| 115 PCB 141 | 360 | NotFnd | * | * | * | -0.0034 | | -0.0034 | * | no | 0.648 | - |
| | HxCB 362 | 25.11 | * | no | * | | | | * | | | |
| 116 PCB 130 | 360 | 25.49 | -1883.56 | 1.24 | -3402.56 | -0.00869 | PCB 130 NDR | -0.00379 | 9 | xL | 0.581 | - |
| | HxCB 362 | 25.49 | -1519 | OK | * | | | | 8 | | | |
| 117 PCB 137 | 360 | NotFnd | * | * | * | -0.00382 | | -0.00382 | * | no | 0.577 | - |
| | HxCB 362 | 25.69 | * | no | * | | | | * | | | |
| 118 PCB 164 | 360 | NotFnd | * | * | * | -0.00277 | | -0.00277 | * | no | 0.796 | - |
| | HxCB 362 | 25.81 | * | no | * | | | | * | | | |
| 119 PCB 138/163/129 | 360 | 26.09 | 40776 | 1.23 | 73937 | 0.16882 | | -0.00335 | 144 | no | 0.857 | - |
| | HxCB 362 | 26.09 | 33161 | yes | * | | | | 146 | | | |
| 120 PCB 160 | 360 | NotFnd | * | * | * | -0.00317 | | -0.00317 | * | no | 0.695 | - |
| | HxCB 362 | 26.27 | * | no | * | | | | * | | | |
| 121 PCB 158 | 360 | 26.46 | -2719.32 | 1.24 | -4912.32 | -0.00835 | PCB 158 NDR | -0.00253 | 11 | xL | 0.872 | - |
| | HxCB 362 | 26.44 | -2193 | OK | * | | | | 11 | | | |
| 122 PCB 128/166 | 360 | 27.28 | 4718 | 1.14 | 8844 | 0.018968 | | -0.00315 | 16 | no | 0.7 | - |
| | HxCB 362 | 27.25 | 4127 | yes | * | | | | 16 | | | |
| 123 PCB 159 | 360 | NotFnd | * | * | * | -0.00068 | | -0.00068 | * | no | 1.501 | - |
| | HxCB 362 | 28.24 | * | no | * | | | | * | | | |
| 124 PCB 162 | 360 | NotFnd | * | * | * | -0.00077 | | -0.00077 | * | no | 1.338 | - |
| | HxCB 362 | 28.50 | * | no | * | | | | * | | | |
| 125 PCB 167 | 360 | 28.98 | 1975 | 1.12 | 3736 | 0.00478 | | -0.00108 | 14 | no | 0.951 | - |
| | HxCB 362 | 28.99 | 1762 | yes | * | | | | 12 | | | |
| 126 PCB 156/157 | 360 | 30.12 | 3000 | 1.19 | 5525 | 0.007623 | | -0.00099 | 17 | yes | 1.036 | - |
| | HxCB 362 | 30.15 | 2525 | yes | * | | | | 17 | | | |
| 127 PCB 169 | 360 | NotFnd | * | * | * | -0.00105 | | -0.00105 | * | no | 0.973 | - |
| | HxCB 362 | 33.51 | * | no | * | | | | * | | | |
| 128 PCB 188 | 394 | NotFnd | * | * | * | -0.00089 | | -0.00089 | * | no | 1.053 | - |
| | HpCB 396 | 23.77 | * | no | * | | | | * | | | |
| 129 PCB 179 | 394 | 24.07 | 3652 | 1 | 7307 | 0.017557 | | -0.00096 | 30 | no | 0.98 | - |
| | HpCB 396 | 24.05 | 3655 | yes | * | | | | 34 | | | |
| 130 PCB 184 | 394 | NotFnd | * | * | * | -0.00104 | | -0.00104 | * | no | 0.904 | - |
| | HpCB 396 | 24.55 | * | no | * | | | | * | | | |
| 131 PCB 176 | 394 | 24.85 | -816.9 | 1.05 | -1594.9 | -0.004 | PCB 176 NDR | -0.001 | 10 | xL | 0.939 | - |
| | HpCB 398 | 24.86 | -778 | OK | * | | | | 7 | | | |
| 132 PCB 186 | 394 | NotFnd | * | * | * | -0.00115 | | -0.00115 | * | no | 0.822 | - |
| | HpCB 396 | 25.26 | * | no | * | | | | * | | | |
| 133 PCB 178 | 394 | 26.51 | -1922.55 | 1.05 | -3753.55 | -0.01332 | PCB 178 NDR | -0.00142 | 19 | xL | 0.663 | - |
| | HpCB 396 | 26.52 | -1831 | OK | * | | | | 15 | | | |
| 134 PCB 175 | 394 | NotFnd | * | * | * | -0.00135 | | -0.00135 | * | no | 0.695 | - |
| | HpCB 396 | 27.12 | * | no | * | | | | * | | | |
| 135 PCB 187 | 394 | 27.38 | 11887 | 1.11 | 22574 | 0.082137 | | -0.00145 | 93 | no | 0.647 | - |
| | HpCB 396 | 27.38 | 10887 | yes | * | | | | 84 | | | |
| 136 PCB 182 | 394 | NotFnd | * | * | * | -0.0014 | | -0.0014 | * | no | 0.673 | - |
| | HpCB 396 | 27.59 | * | no | * | | | | * | | | |

| | | | | | | | | | | | |
|-----------------------|-----|--------|---------|------|---------|----------|-------|----------|----|-------|-----|
| 184 PCB 188L | 406 | 23.75 | 62148 | 1.11 | 117999 | 0.259083 | 0.001 | 974 | no | 1.103 | 130 |
| | 408 | 23.75 | 55850 | yes | | | | 3086 | | | |
| 185 PCB 180L | 406 | 31.54 | 32093 | 1.04 | 62978 | 0.318199 | 0.001 | 437 | no | 1.219 | 160 |
| | 408 | 31.56 | 30895 | yes | | | | 2963 | | | |
| 186 PCB 170L | 406 | 32.85 | 27593 | 1.07 | 53469 | 0.301428 | 0.002 | 371 | no | 1.093 | 151 |
| | 408 | 32.87 | 25876 | yes | | | | 2436 | | | |
| 187 PCB 189L | 406 | 36.23 | 52620 | 1.01 | 104443 | 0.26555 | 0.001 | 473 | no | 2.422 | 132 |
| | 408 | 36.23 | 51823 | yes | | | | 667 | | | |
| 188 PCB 202L | 440 | 28.73 | 36274 | 0.88 | 77243 | 0.399713 | 0.001 | 1385 | no | 1.19 | 200 |
| | 442 | 28.71 | 40969 | yes | | | | 1160 | | | |
| 189 PCB 205L | 440 | 39.12 | 23231 | 0.87 | 49844 | 0.207769 | 0.002 | 144 | no | 1.478 | 104 |
| | 442 | 39.13 | 26614 | yes | | | | 993 | | | |
| 190 PCB 208L | 474 | 35.72 | 20192 | 0.77 | 46340 | 0.246229 | 0.001 | 717 | no | 1.159 | 123 |
| | 476 | 35.73 | 26148 | yes | | | | 495 | | | |
| 191 PCB 206L | 474 | 41.10 | 11676 | 0.89 | 24774 | 0.187431 | 0.002 | 403 | no | 0.814 | 94 |
| | 476 | 41.09 | 13099 | no | | | | 243 | | | |
| 192 PCB 209L | 510 | 42.94 | 11865 | 1.31 | 20930 | 0.17081 | 0.001 | 1322 | no | 0.755 | 86 |
| | 512 | 42.94 | 9065 | yes | | | | 485 | | | |
| 193 PCB 28L | 268 | 14.15 | 230766 | 1.11 | 439180 | 0.194357 | 0.003 | 270 | no | 2.78 | 88 |
| PCB Cleanup Standard | 270 | 14.15 | 208414 | yes | | | | 143 | | | |
| 194 PCB 111L | 338 | 21.41 | 91252 | 1.65 | 146693 | 0.188102 | 0 | 1843 | no | 1.332 | 85 |
| PCB Cleanup Standard | 340 | 21.42 | 55442 | yes | | | | 2066 | | | |
| 195 PCB 178L | 406 | 26.48 | 30871 | 1.07 | 59672 | 0.222241 | 0.001 | 451 | no | 0.65 | 100 |
| PCB Cleanup Standard | 408 | 26.49 | 28801 | yes | | | | 1478 | | | |
| 196 PCB 31L | 268 | NotFnd | * | * | * | | 0.003 | | no | 2.775 | |
| PCB Audit Standard | 270 | 13.99 | * | no | | | | | | | |
| 197 PCB 95L | 338 | NotFnd | * | * | * | | 0 | | no | 0.967 | |
| PCB Audit Standard | 340 | 17.41 | * | no | | | | | | | |
| 198 PCB 153L | 372 | 24.93 | 1526 | 1.13 | 2876 | 0.005853 | 0 | 65 | no | 1.191 | 3 |
| PCB Audit Standard | 374 | 24.92 | 1351 | yes | | | | 27 | | | |
| 199 PCB 9L | 234 | 11.01 | 1509635 | 1.67 | 2412062 | 9.298154 | - | 7328 | no | - | - |
| PCB Recovery Standard | 236 | 11.03 | 902426 | yes | | | | 6161 | | | |
| 200 PCB 52L | 302 | 15.08 | 405211 | 0.82 | 900754 | 9.128897 | - | 2565 | no | - | - |
| PCB Recovery Standard | 304 | 15.08 | 495543 | yes | | | | 5258 | | | |
| 201 PCB 101L | 338 | 19.38 | 403740 | 1.65 | 648742 | 7.882425 | - | 8925 | no | - | - |
| PCB Recovery Standard | 340 | 19.40 | 245002 | yes | | | | 10225 | | | |
| 202 PCB 138L | 372 | 26.07 | 253910 | 1.25 | 457391 | 6.476763 | - | 11132 | no | - | - |
| PCB Recovery Standard | 374 | 26.09 | 203481 | yes | | | | 4628 | | | |
| 203 PCB 194L | 440 | 38.58 | 84973 | 0.89 | 179911 | 2.457578 | - | 546 | no | - | - |
| PCB Recovery Standard | 442 | 38.61 | 94938 | yes | | | | 3465 | | | |
| Chlorobiphenyls | | | | | | -0.00223 | 0 | -0.00223 | | | |
| Dichlorobiphenyls | | | | | | 0.008018 | 1 | -0.03014 | | | |
| Trichlorobiphenyls | | | | | | 0.039295 | 7 | -0.00489 | | | |
| Tetrachlorobiphenyls | | | | | | 0.176016 | 15 | -0.00278 | | | |
| Pentachlorobiphenyls | | | | | | 0.458629 | 13 | -0.00255 | | | |
| Hexachlorobiphenyls | | | | | | 0.722245 | 12 | -0.00417 | | | |
| Heptachlorobiphenyls | | | | | | 0.172378 | 7 | -0.00557 | | | |
| Octachlorobiphenyls | | | | | | 0.006209 | 1 | -0.00466 | | | |
| Nonachlorobiphenyls | | | | | | -0.00445 | 0 | -0.00445 | | | |
| Decachlorobiphenyl | | | | | | -0.00412 | 0 | -0.00412 | | | |
| PCB (total) | | | | | | 1.58269 | | | | | |

Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 4:10:57 PM

Printed: Wednesday, December 07, 2016 4:11:42 PM

Method: C:\MassLynx\Default.PRO\MethDB\EPA 1668_M2161205B.mdb 06 Dec 2016 10:41:10

Calibration: C:\MassLynx\Default.pro\Curvedb\m2161205B_209.cdb 06 Dec 2016 10:53:58

Description: DIS275-01R:D1

Vial: 12

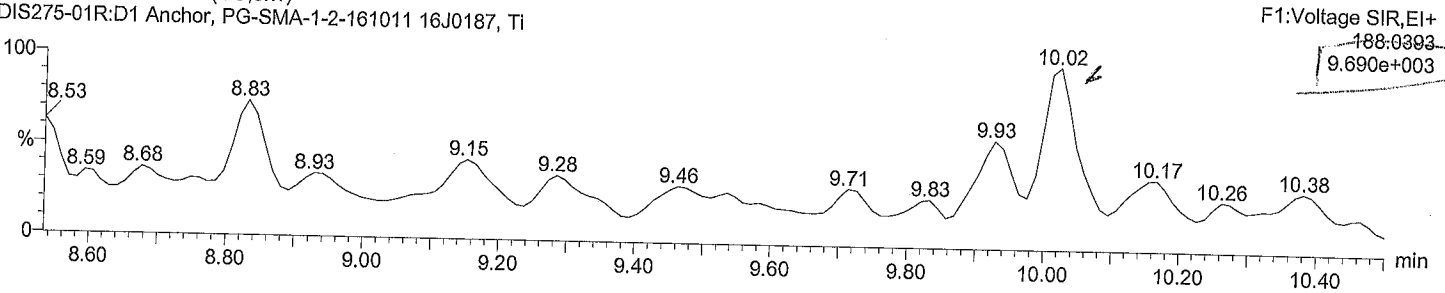
Date: 06-Dec-2016

Time: 04:50:19

Instrument:

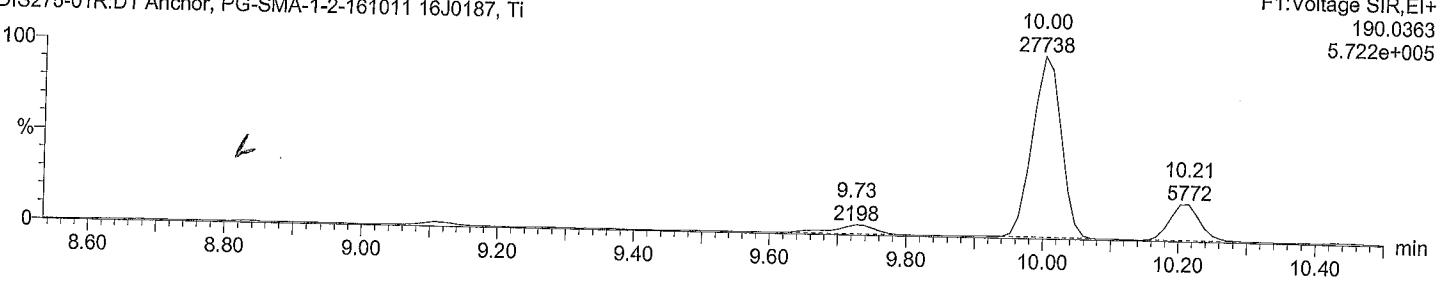
Total MoCB F1

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, Ti



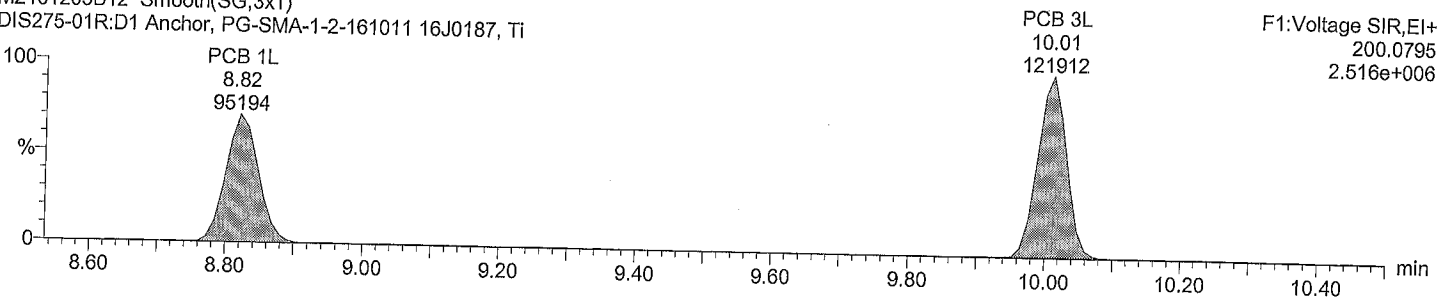
Total MoCB F1

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, Ti



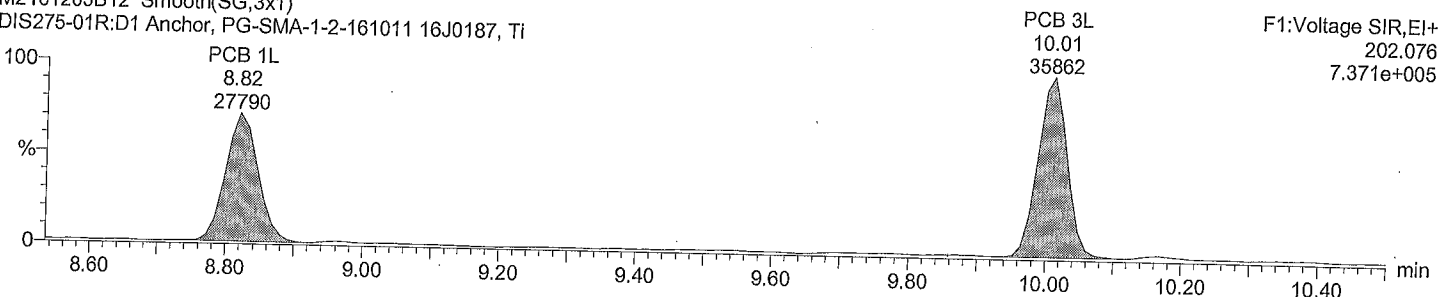
Total MoCB labeled F1

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DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, Ti



Total MoCB labeled F1

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, Ti



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

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Printed: Wednesday, December 07, 2016 4:11:42 PM

Description: DIS275-01R:D1

Vial: 12

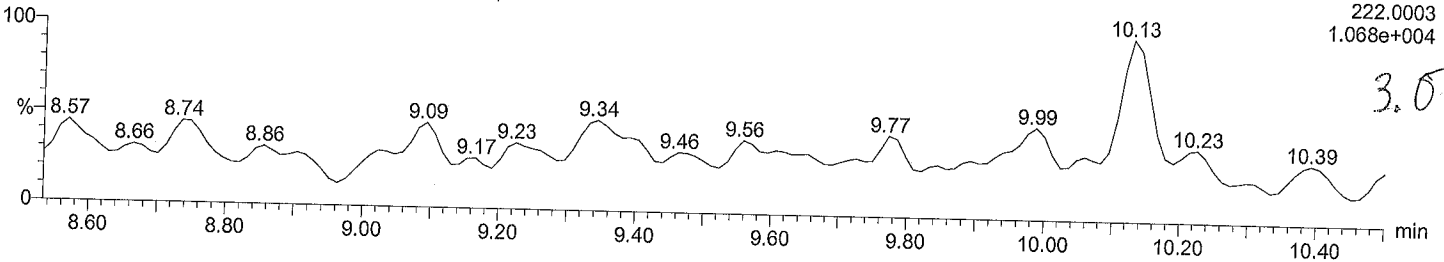
Date: 06-Dec-2016

Time: 04:50:19

Instrument:

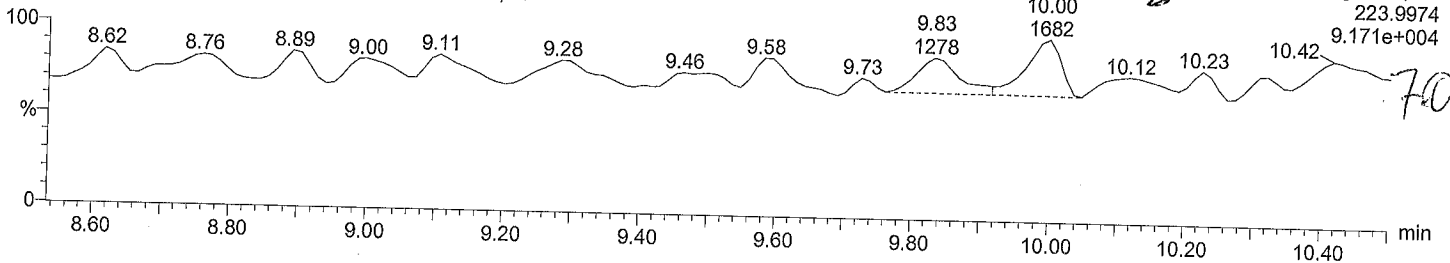
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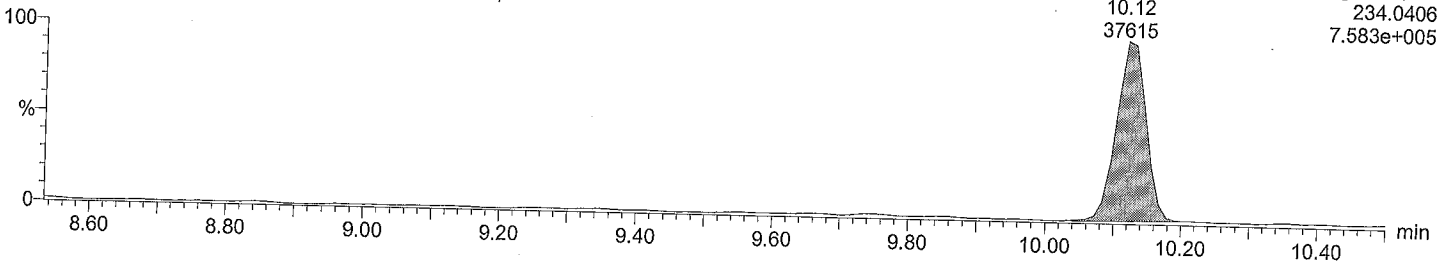
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DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI



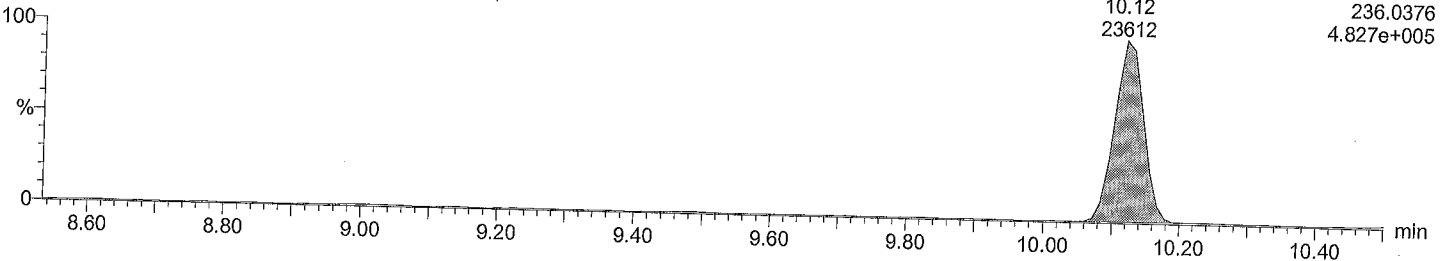
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DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI



Total DiCB labeled F1

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

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Printed: Wednesday, December 07, 2016 4:11:42 PM

Description: DIS275-01R:D1

Vial: 12

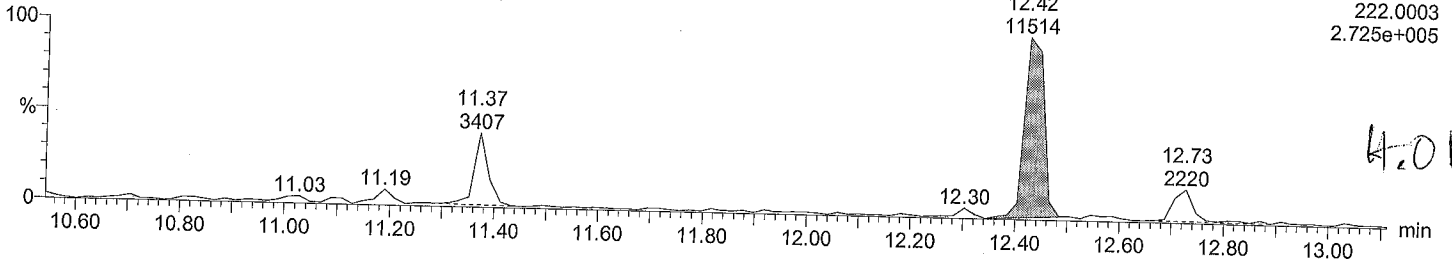
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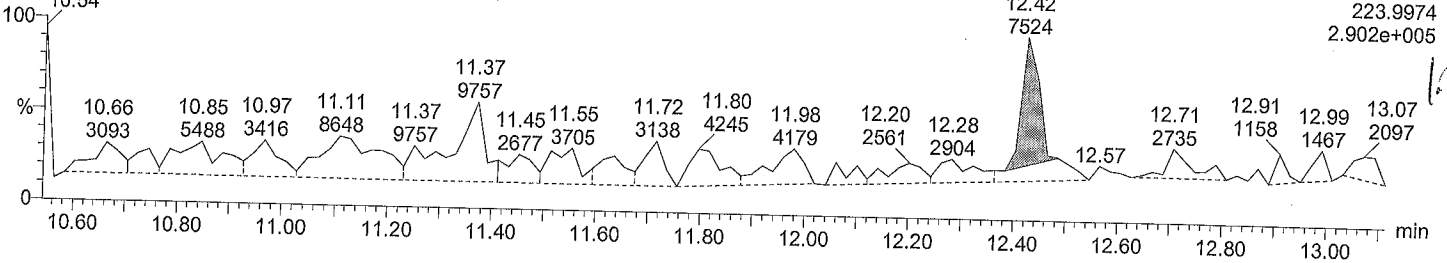
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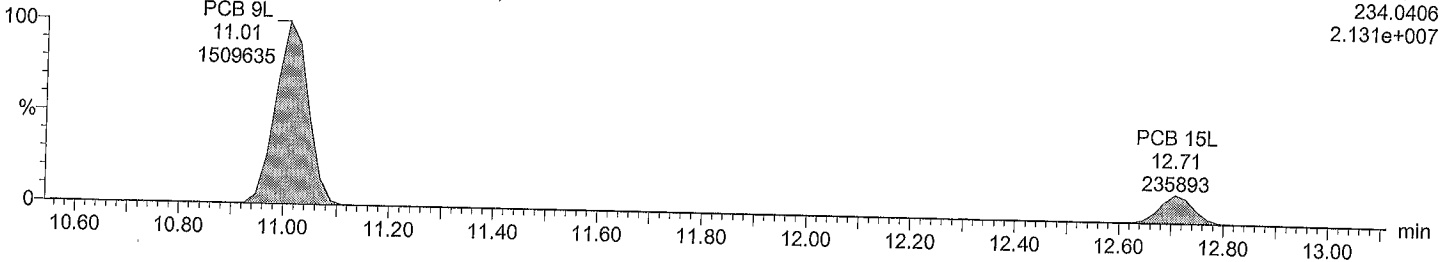
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DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, Ti



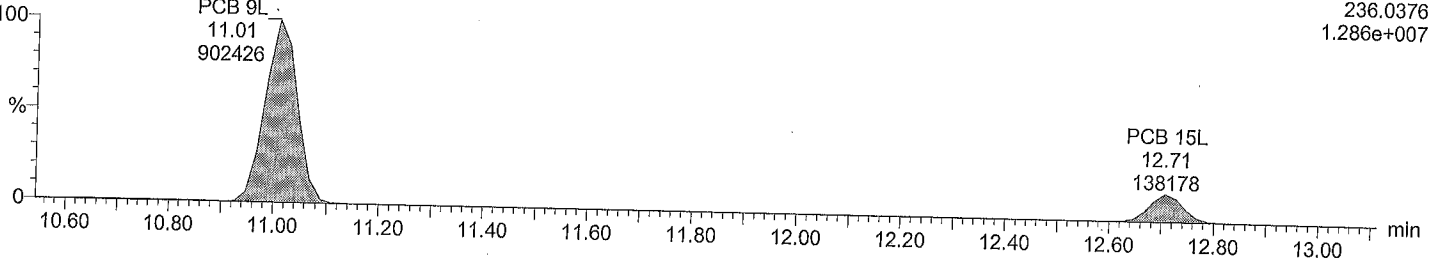
Total DiCB labeled F2

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DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, Ti



Total DiCB labeled F2

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, Ti



Quantify Sample Report

Acquired Date

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Last Altered: Wednesday, December 07, 2016 4:10:57 PM

Printed: Wednesday, December 07, 2016 4:11:42 PM

Description: DIS275-01R:D1

Vial: 12

Date: 06-Dec-2016

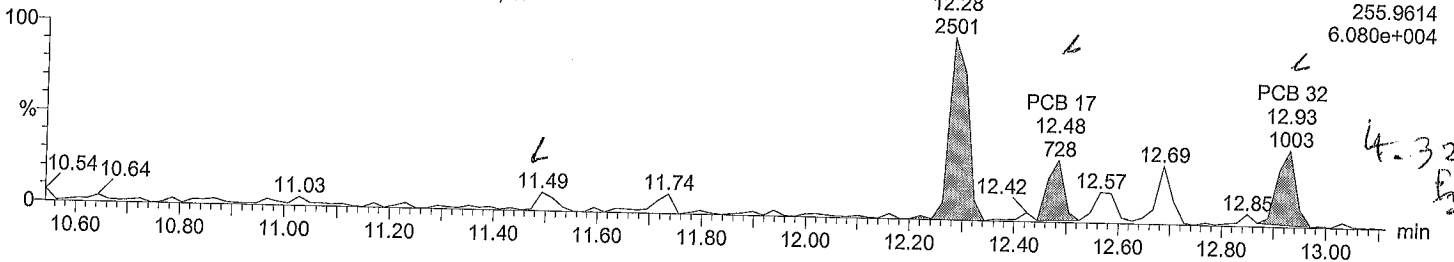
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Instrument:

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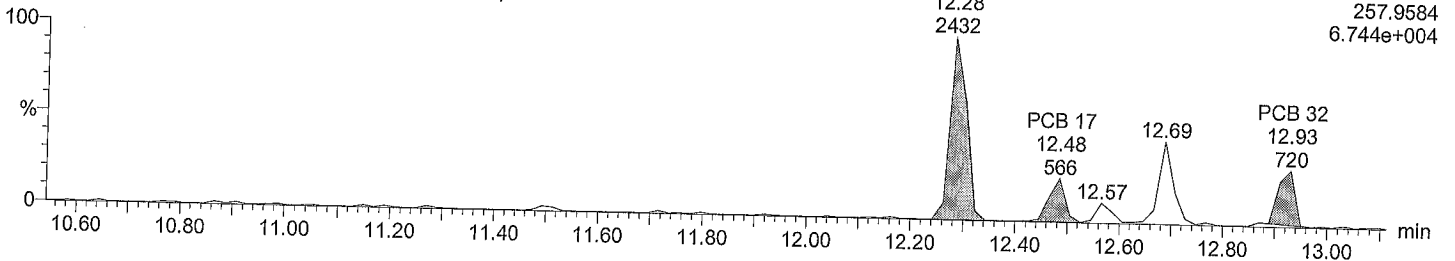
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Total TriCB F2

M2161205B12

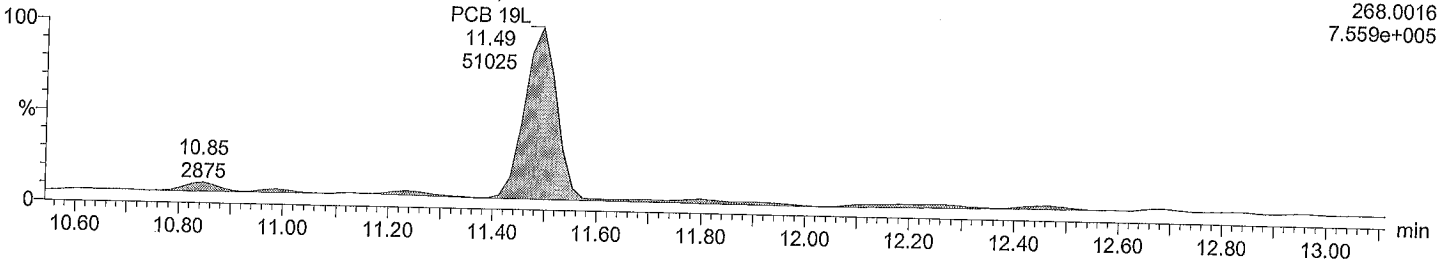
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Total TriCB labeled F2

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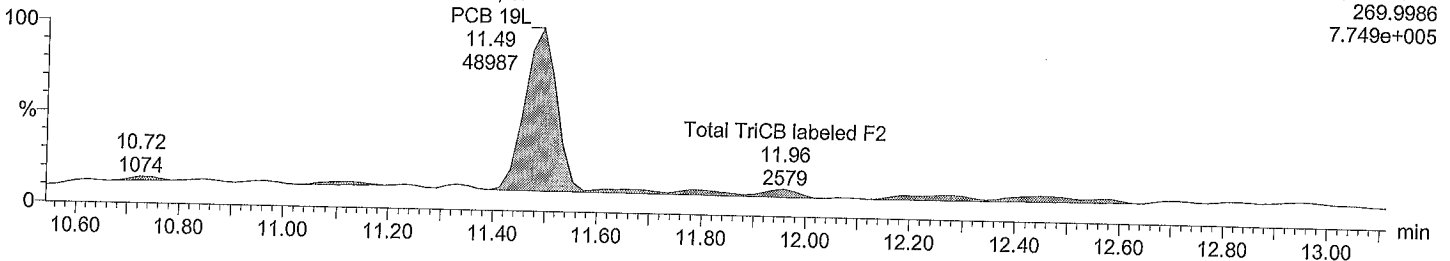
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Total TriCB labeled F2

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DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

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Printed: Wednesday, December 07, 2016 4:11:42 PM

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Vial: 12

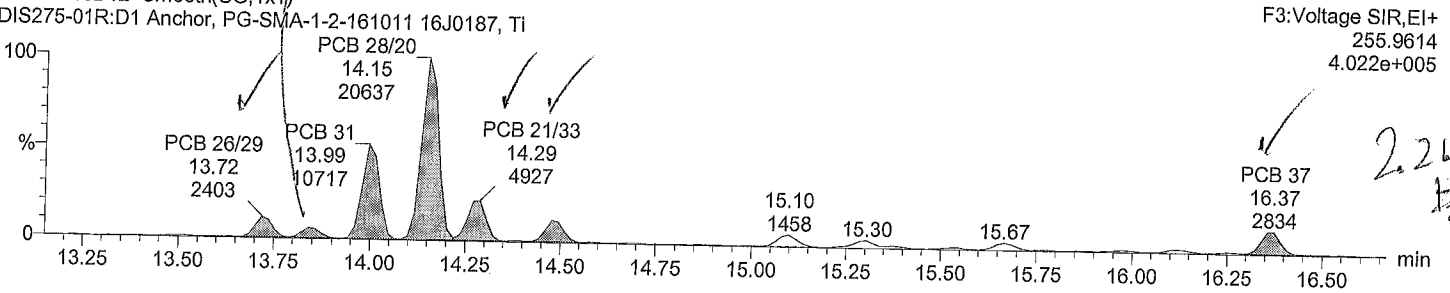
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Instrument:

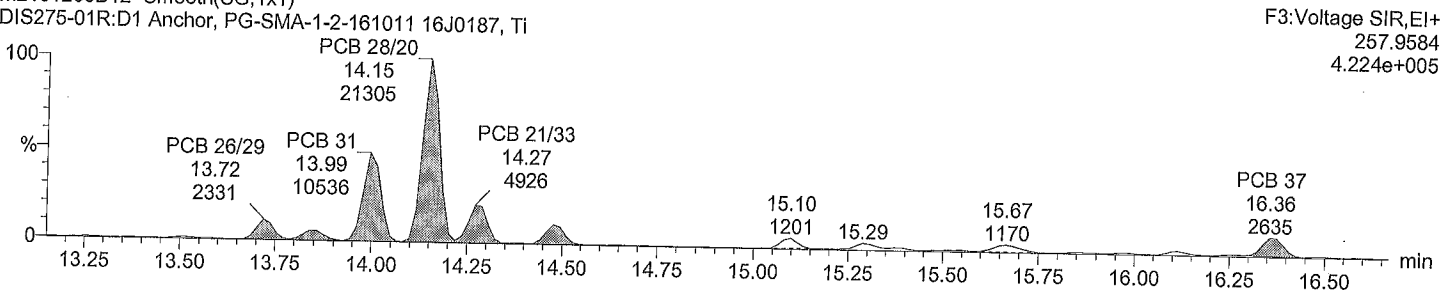
Total TriCB F3

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DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI



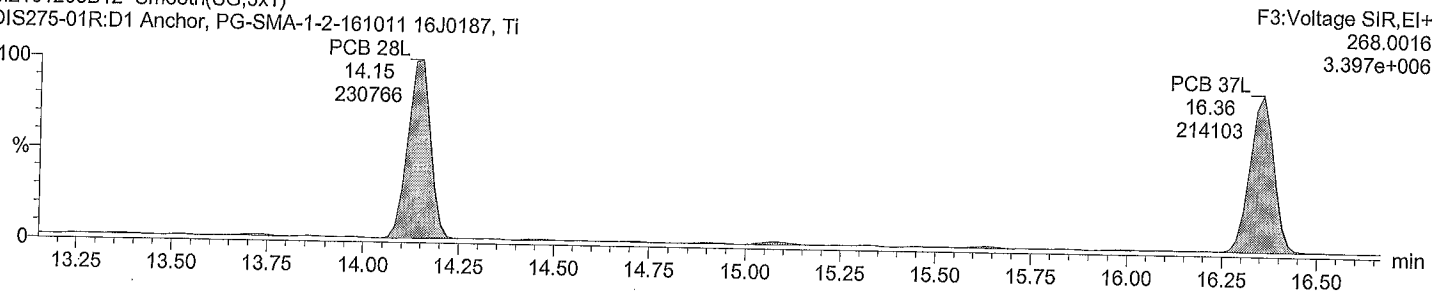
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DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI



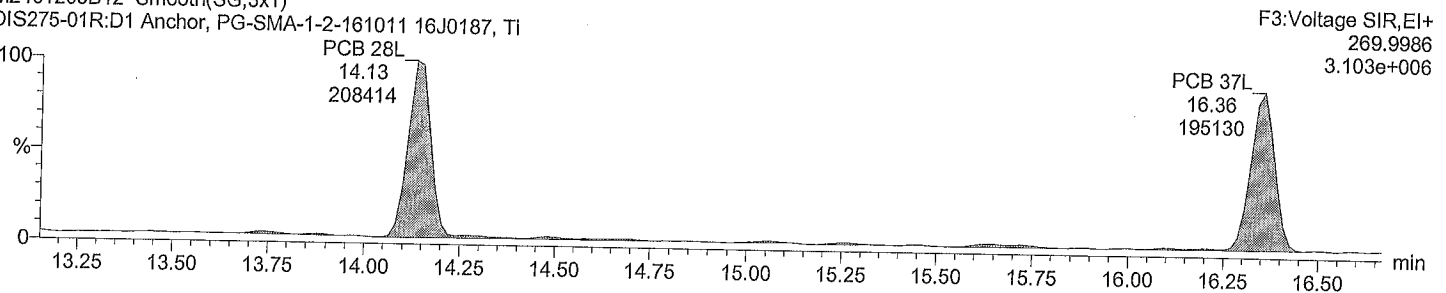
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DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI



Total TriCB labeled F3

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

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Printed: Wednesday, December 07, 2016 4:11:42 PM

Description: DIS275-01R:D1

Vial: 12

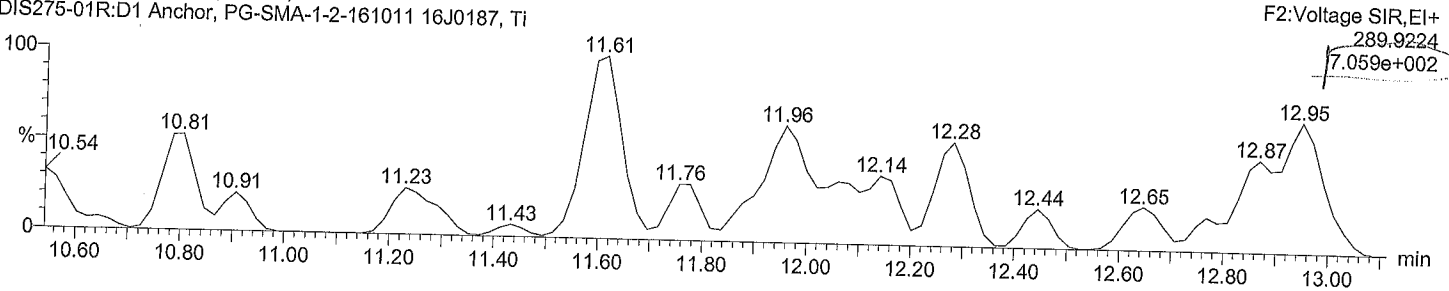
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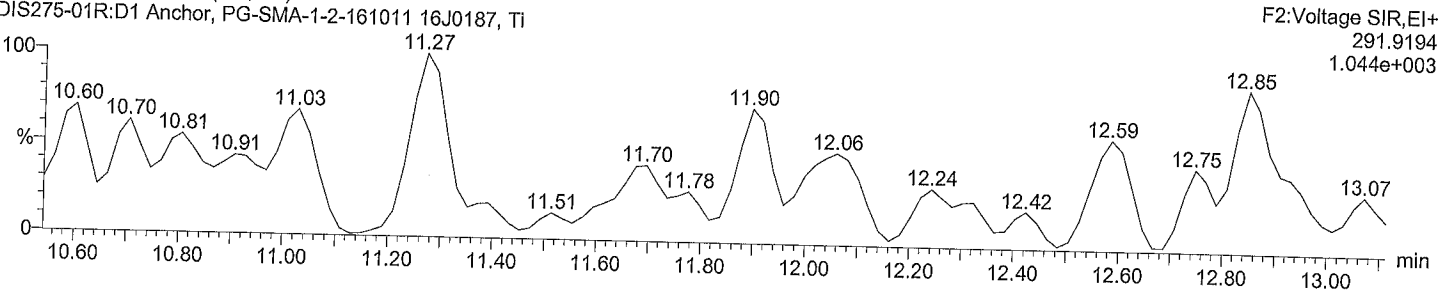
Total TeCB F2

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DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, Ti



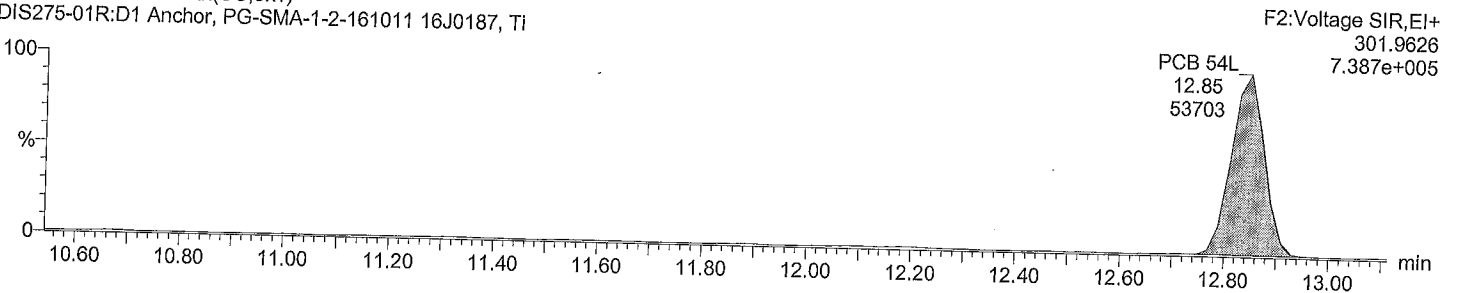
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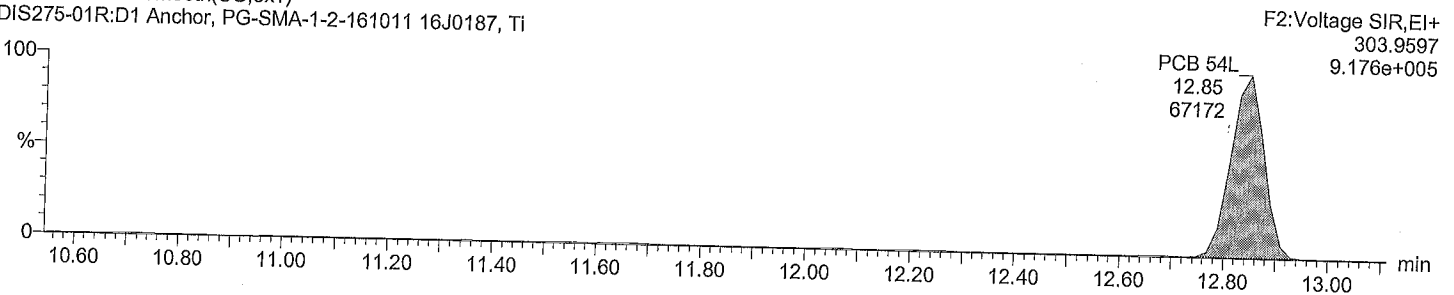
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DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, Ti



Total TeCB labeled F2

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DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, Ti



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

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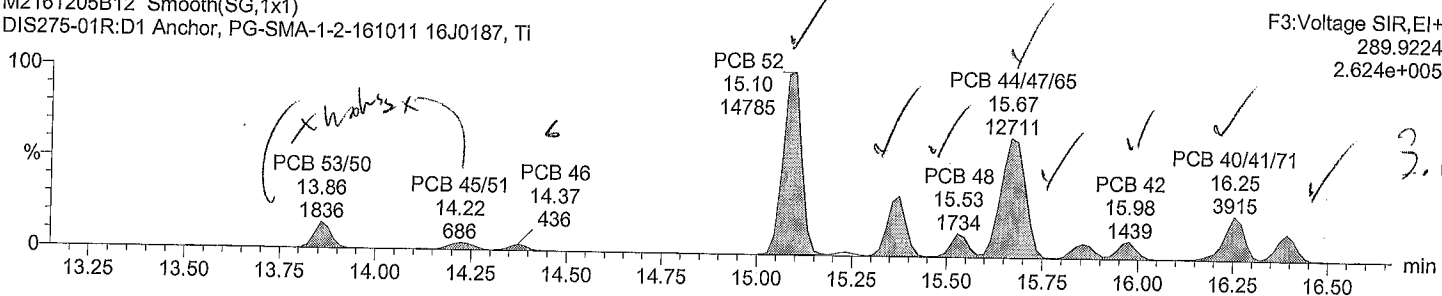
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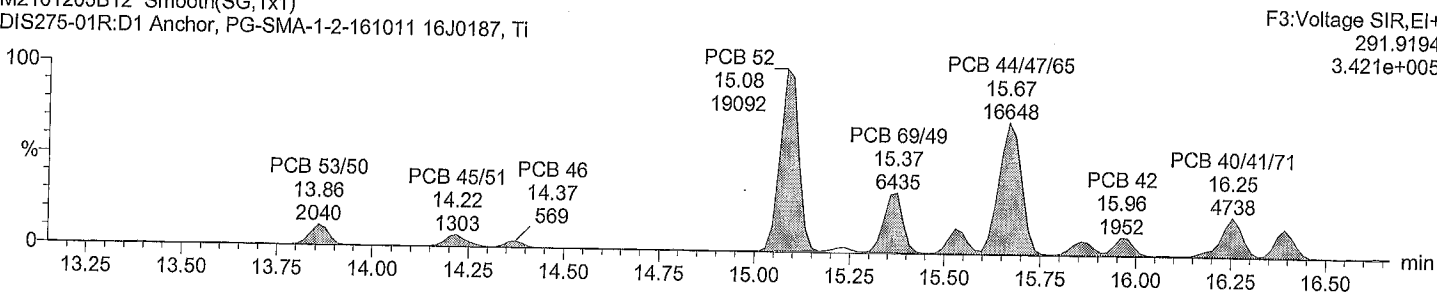
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DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI



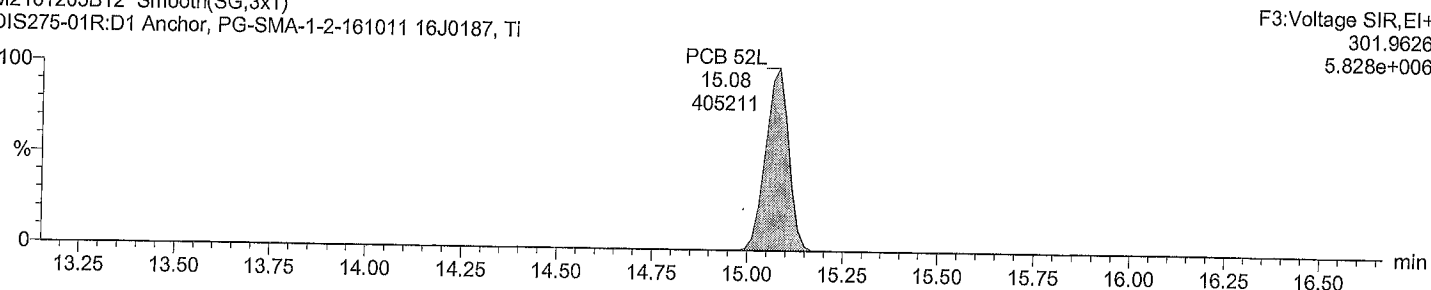
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DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI



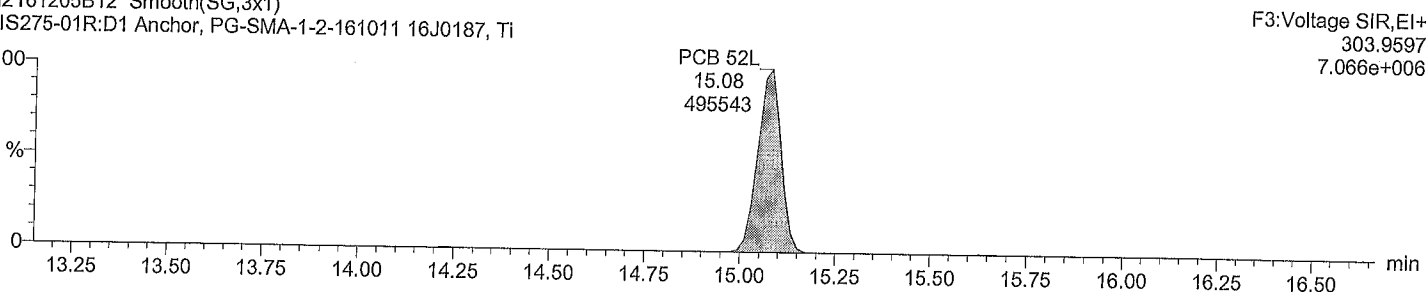
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DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI



Total TeCB labeled F3

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

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Printed: Wednesday, December 07, 2016 4:11:42 PM

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Vial: 12

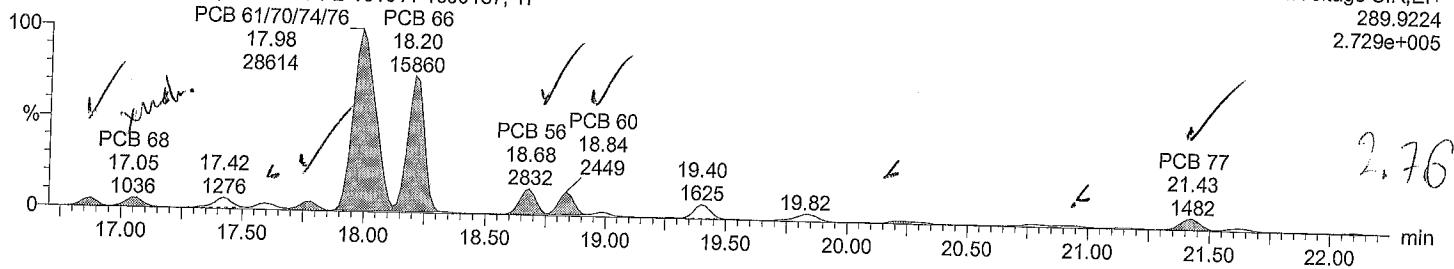
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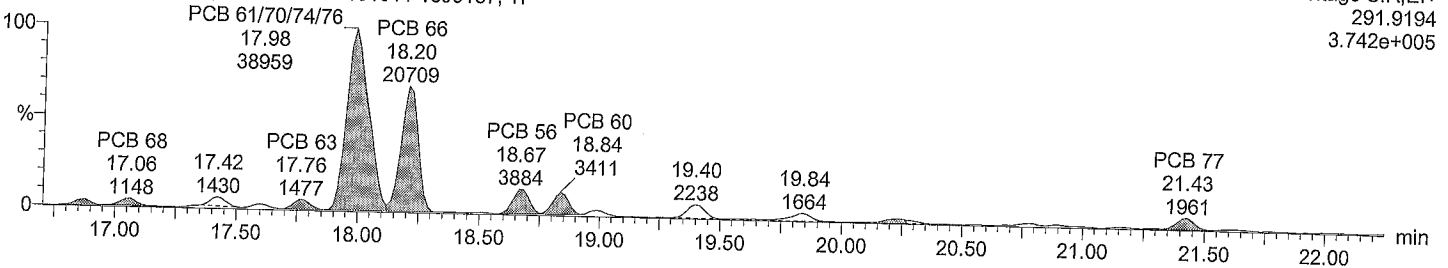
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DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, Ti



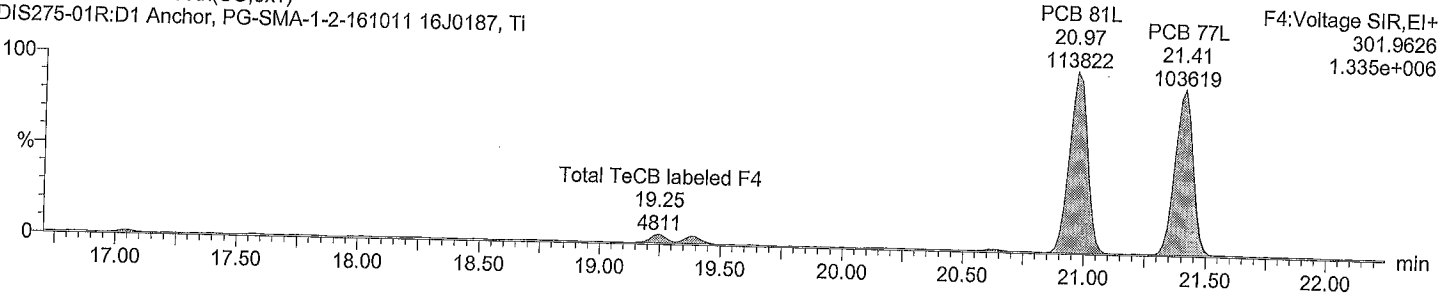
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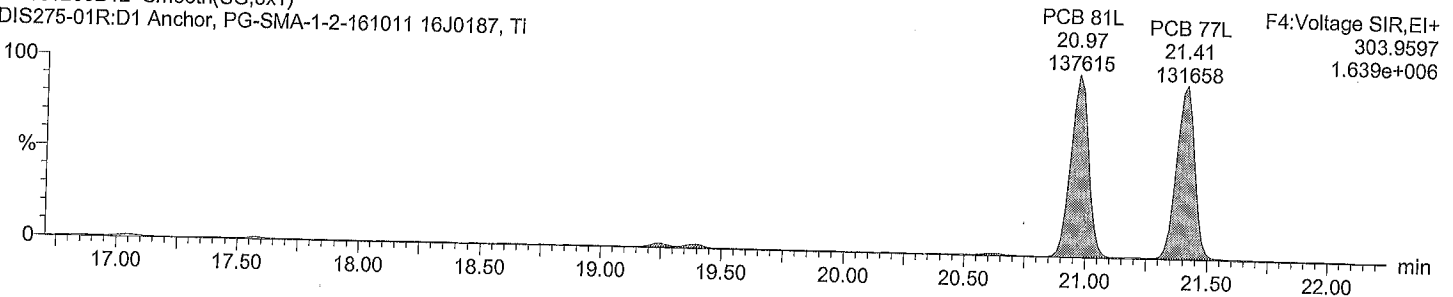
Total TeCB labeled F4

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, Ti



Total TeCB labeled F4

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DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, Ti



Quantify Sample Report

Acquired Date

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Printed: Wednesday, December 07, 2016 4:11:42 PM

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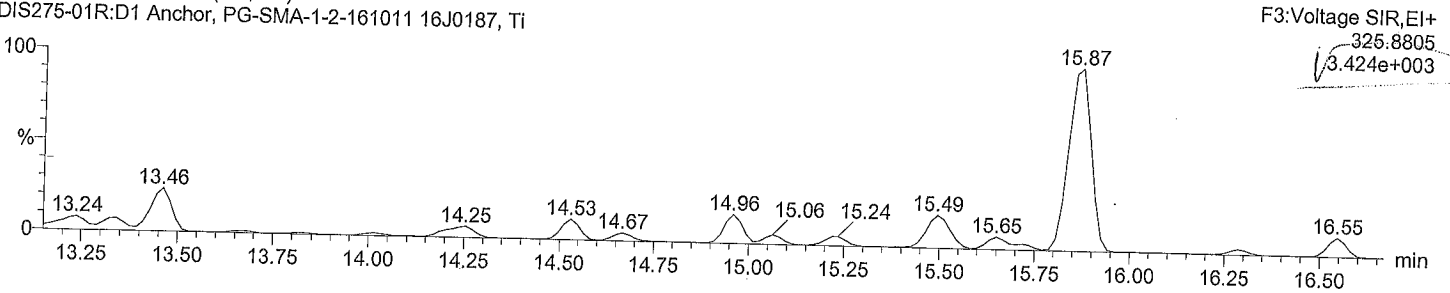
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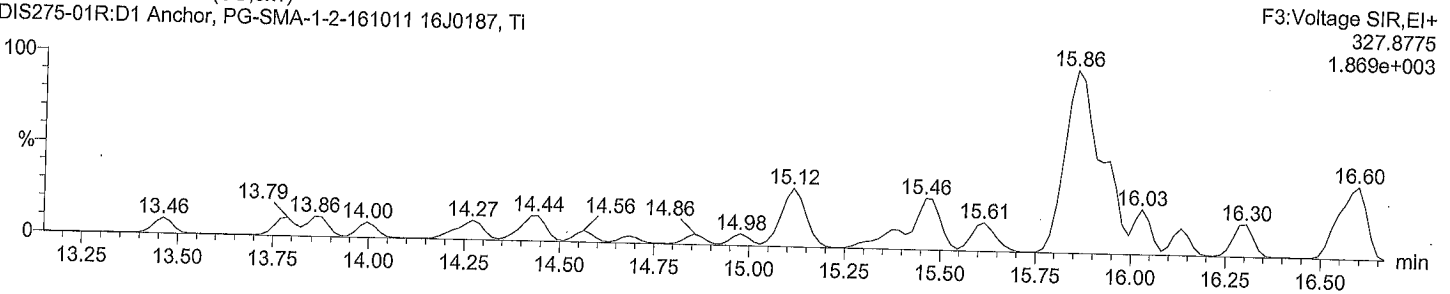
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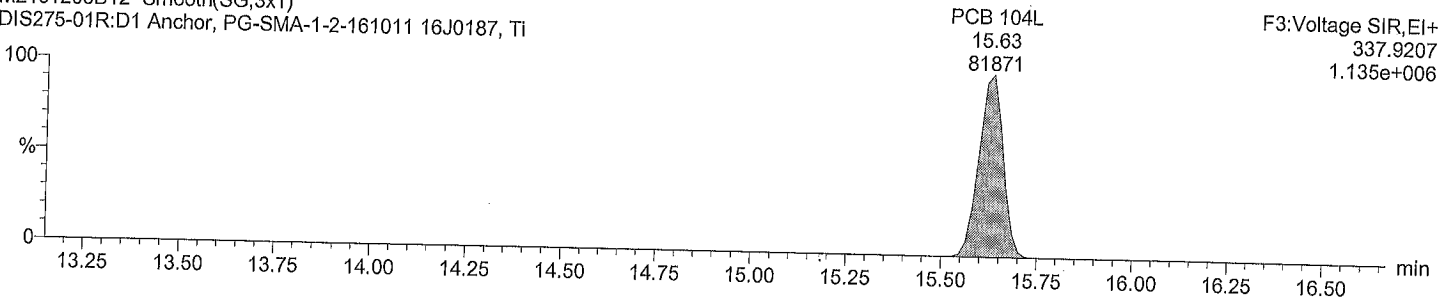
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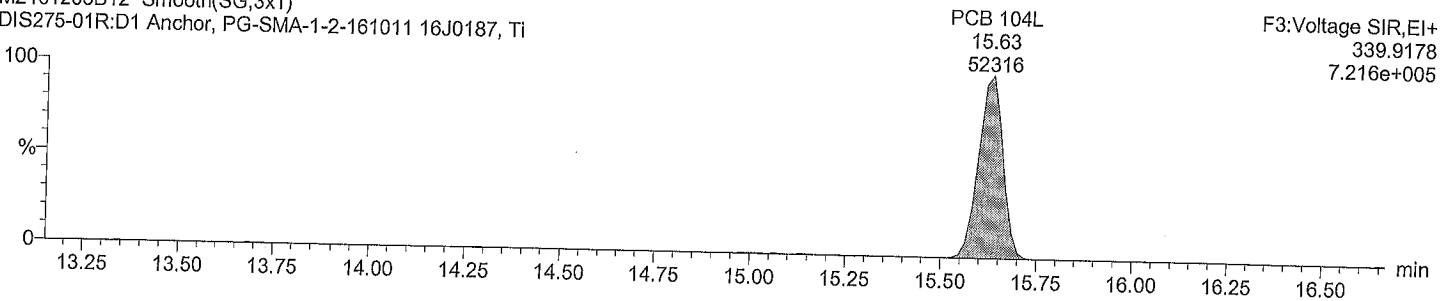
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DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI



Total PeCB labeled F3

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DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI



Quantify Sample Report

Acquired Date

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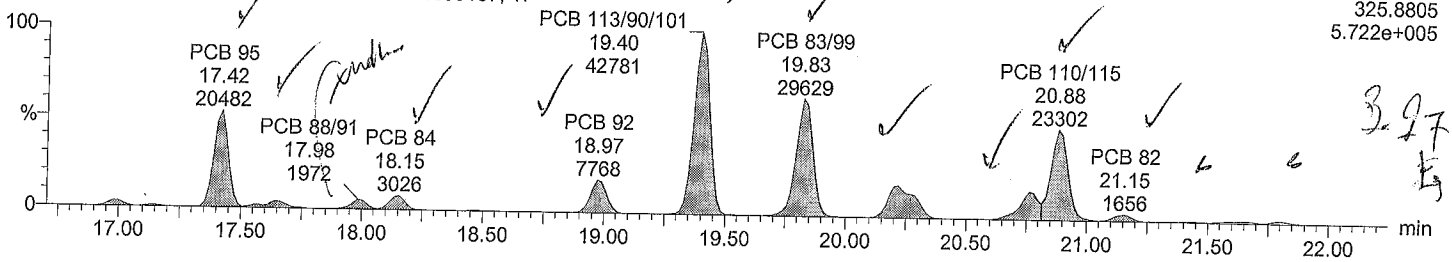
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Instrument:

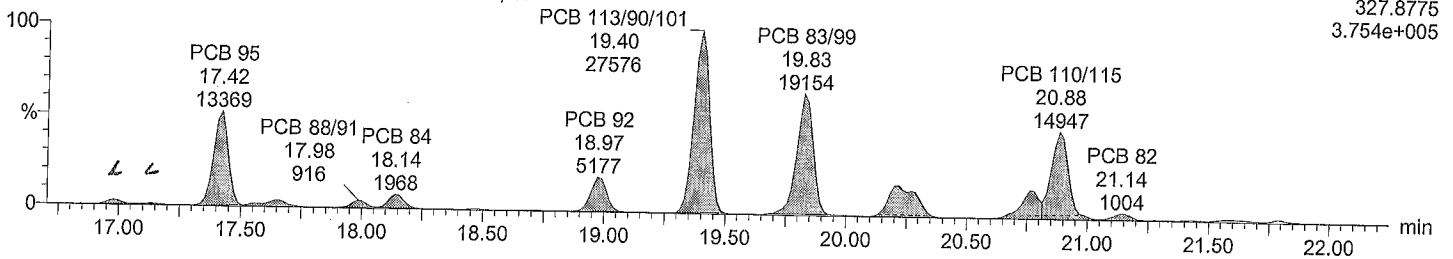
Total PeCB F4

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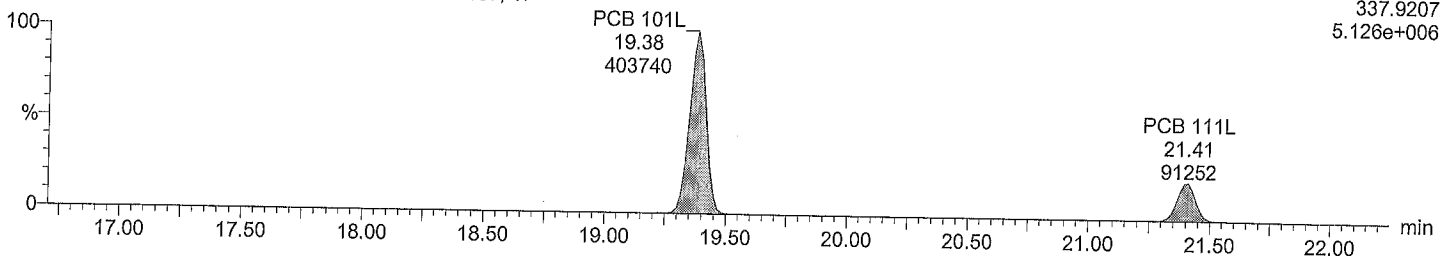
Total PeCB F4

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DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI



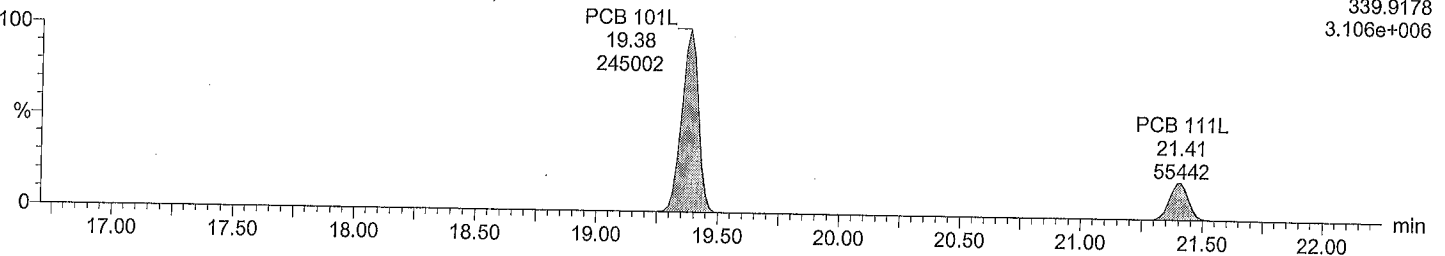
Total PeCB labeled F4

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI



Total PeCB labeled F4

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI



Quantify Sample Report

Acquired Date

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Vial: 12

Date: 06-Dec-2016

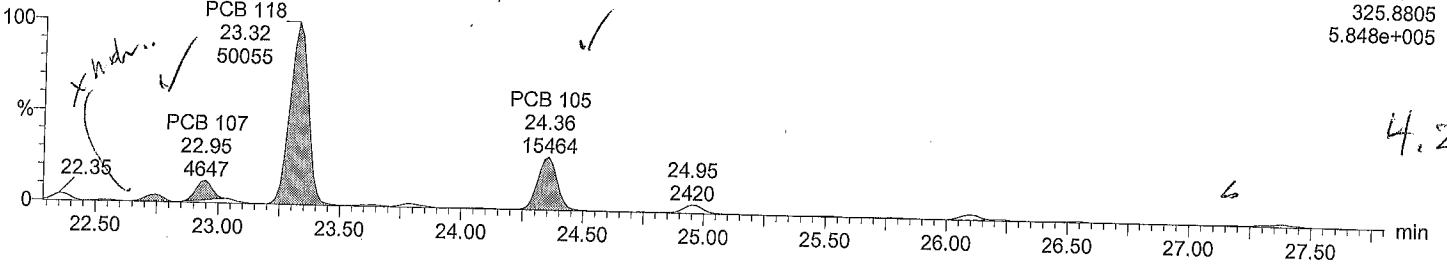
Time: 04:50:19

Instrument:

Total PeCB F5

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DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, Ti

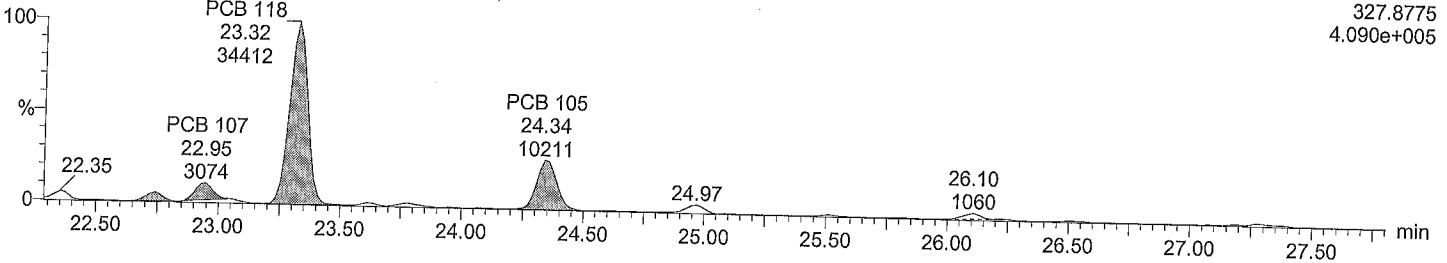
F5:Voltage SIR,EI+
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5.848e+005



Total PeCB F5

M2161205B12 Smooth(SG,2x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, Ti

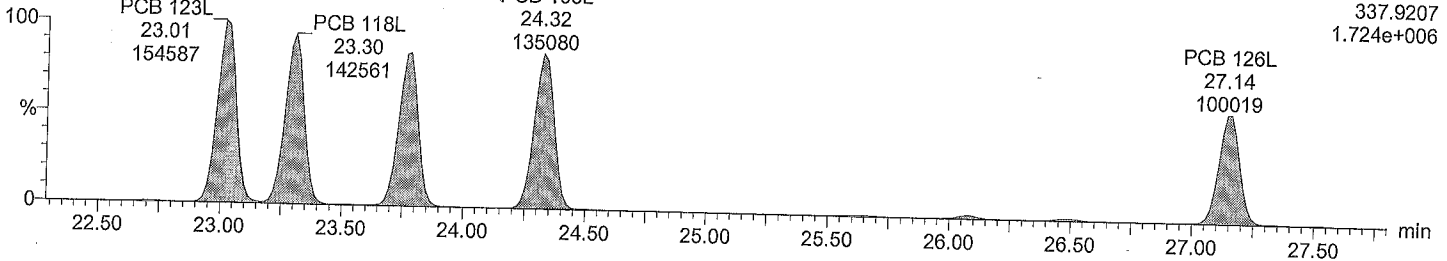
F5:Voltage SIR,EI+
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4.090e+005



Total PeCB labeled F5

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, Ti

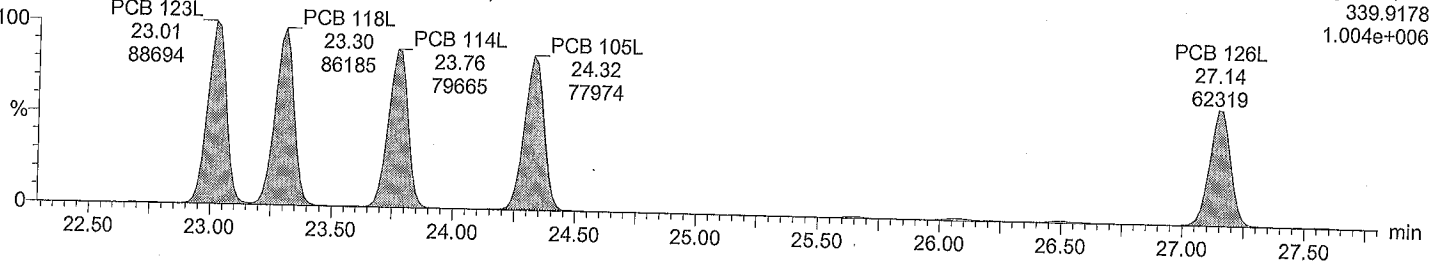
F5:Voltage SIR,EI+
337.9207
1.724e+006



Total PeCB labeled F5

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, Ti

F5:Voltage SIR,EI+
339.9178
1.004e+006



Quantify Sample Report

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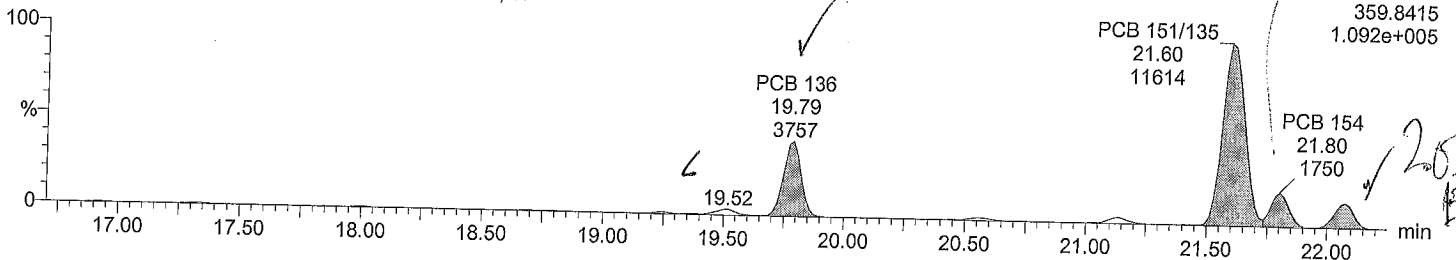
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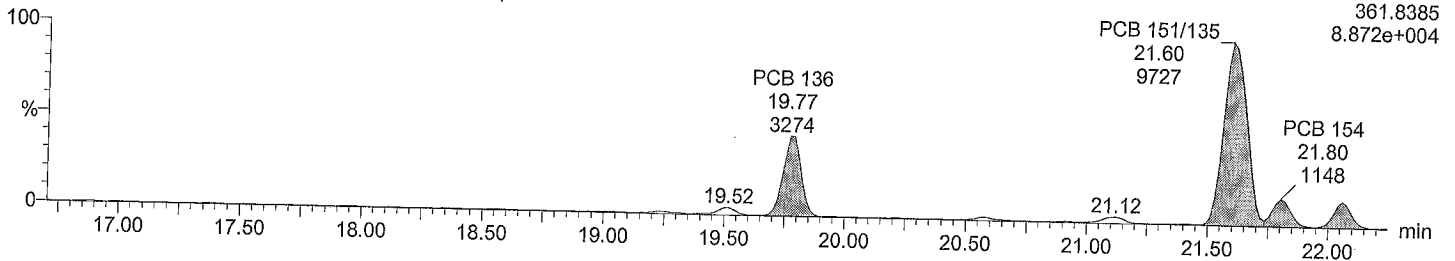
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DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI



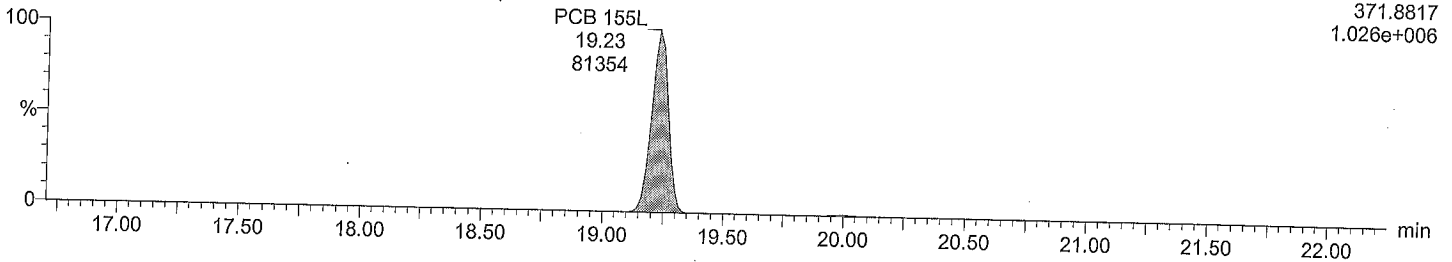
Total HxCB F4

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DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI



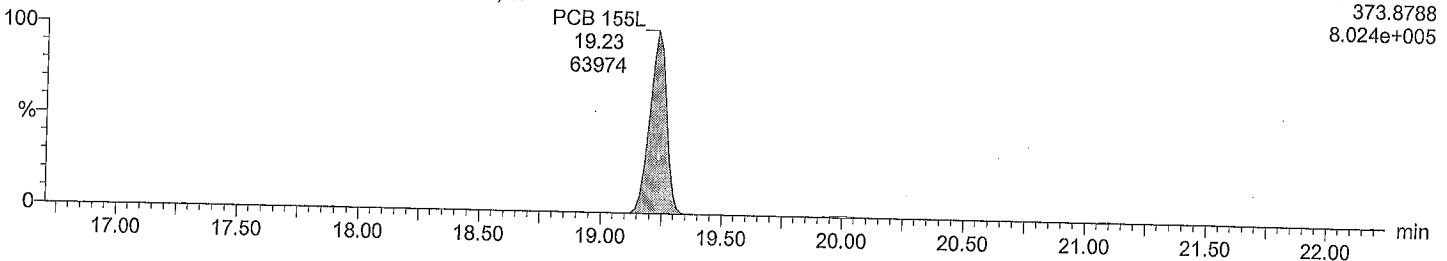
Total HxCB labeled F4

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI



Total HxCB labeled F4

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI



Quantify Sample Report

Acquired Date

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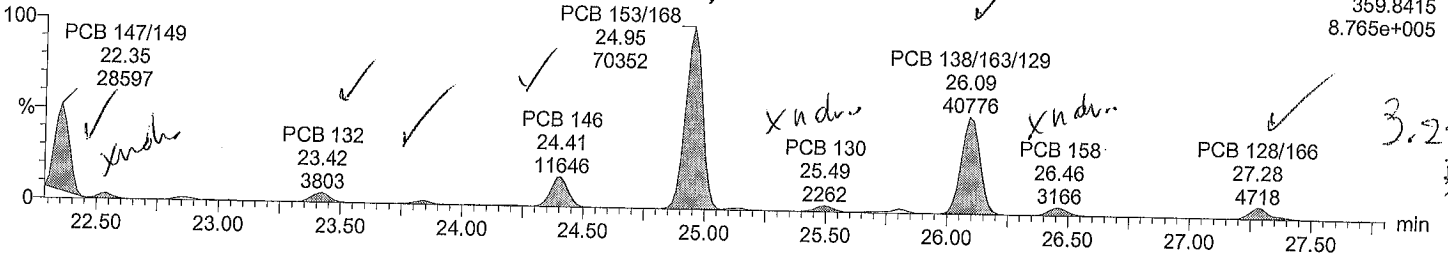
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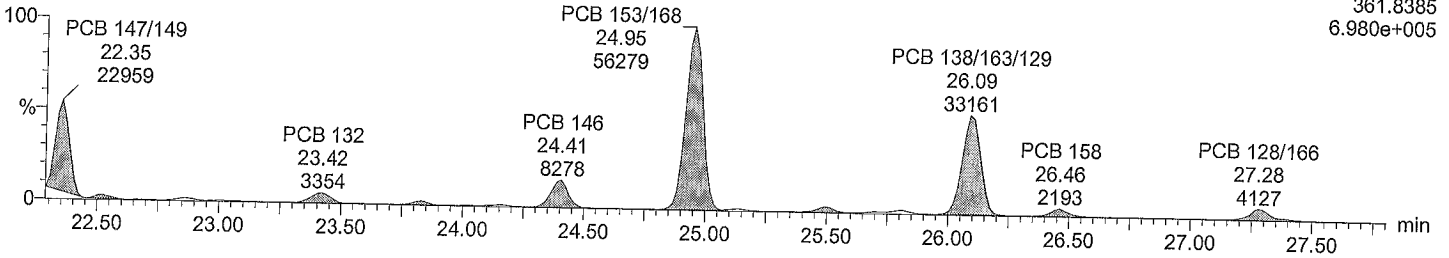
Total HxCB F5

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DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI



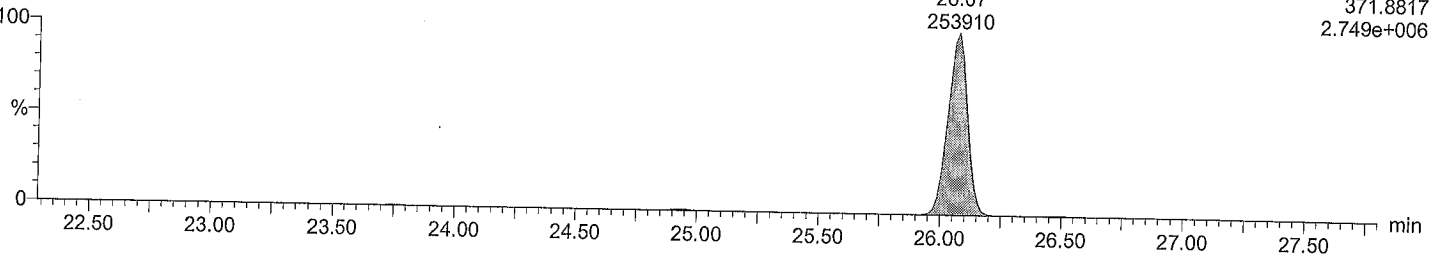
Total HxCB F5

M2161205B12 Smooth(SG,1x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI



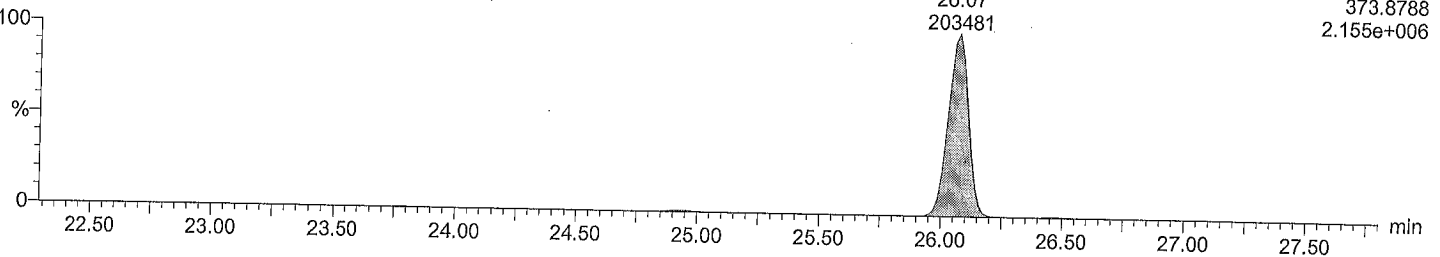
Total HxCB labeled F5

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI



Total HxCB labeled F5

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 4:10:57 PM

Printed: Wednesday, December 07, 2016 4:11:42 PM

Description: DIS275-01R:D1

Vial: 12

Date: 06-Dec-2016

Time: 04:50:19

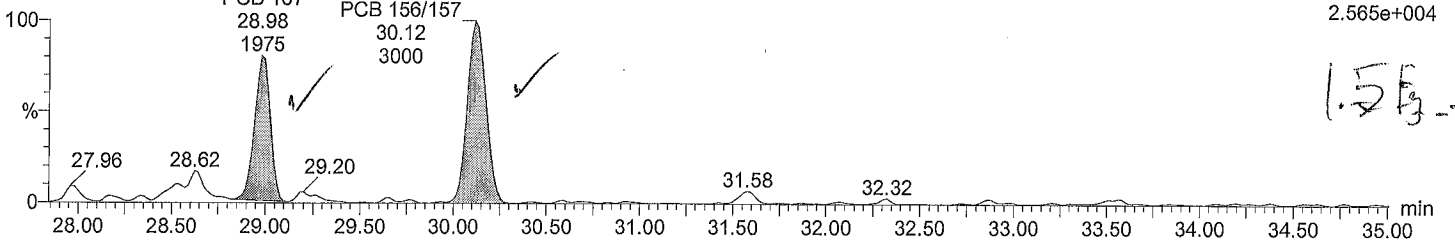
Instrument:

Total HxCB F6

M2161205B12 Smooth(SG,3x1)

DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI

F6:Voltage SIR,EI+
359.8415
2.565e+004

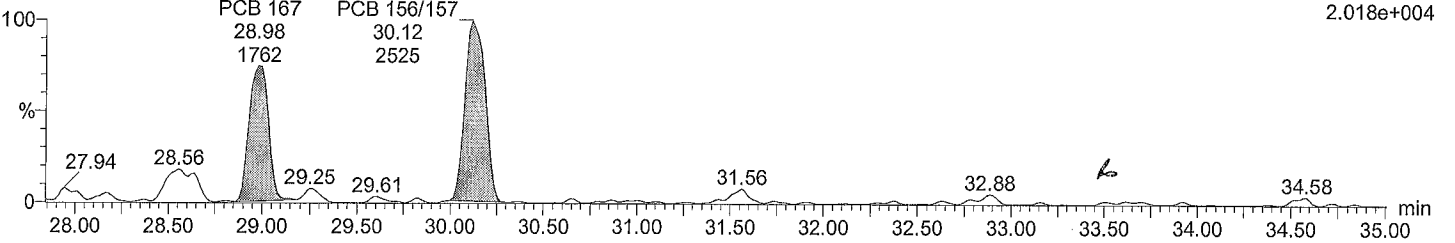


Total HxCB F6

M2161205B12 Smooth(SG,3x1)

DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI

F6:Voltage SIR,EI+
361.8385
2.018e+004

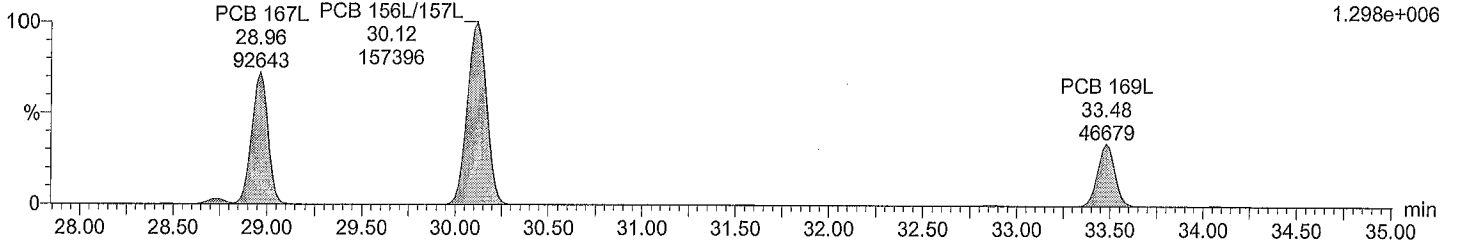


Total HxCB labeled F6

M2161205B12 Smooth(SG,3x1)

DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI

F6:Voltage SIR,EI+
371.8817
1.298e+006

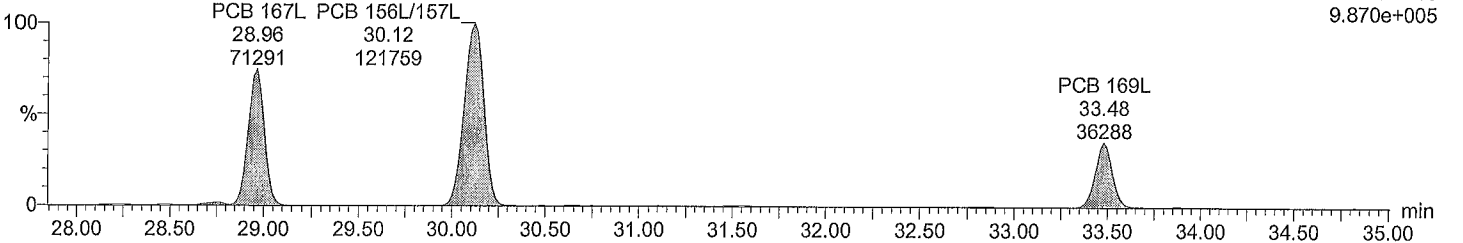


Total HxCB labeled F6

M2161205B12 Smooth(SG,3x1)

DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI

F6:Voltage SIR,EI+
373.8788
9.870e+005



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 4:10:57 PM

Printed: Wednesday, December 07, 2016 4:11:42 PM

Description: DIS275-01R:D1

Vial: 12

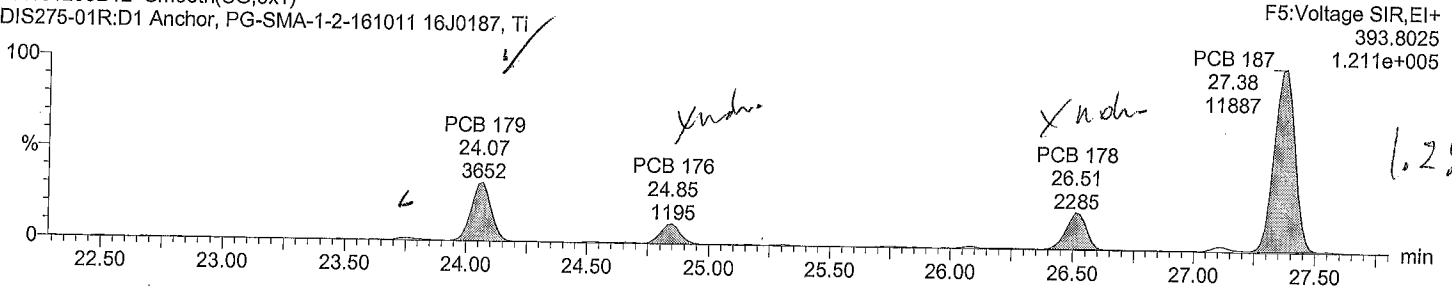
Date: 06-Dec-2016

Time: 04:50:19

Instrument:

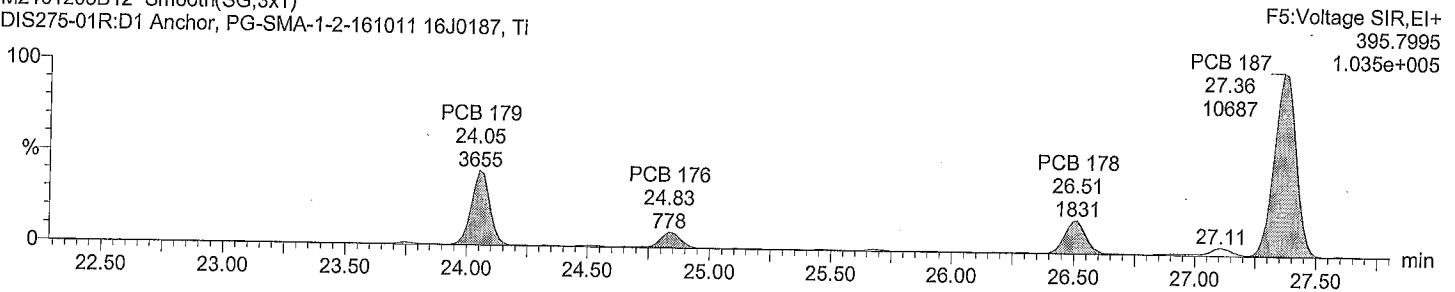
Total HpCB F5

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, Ti



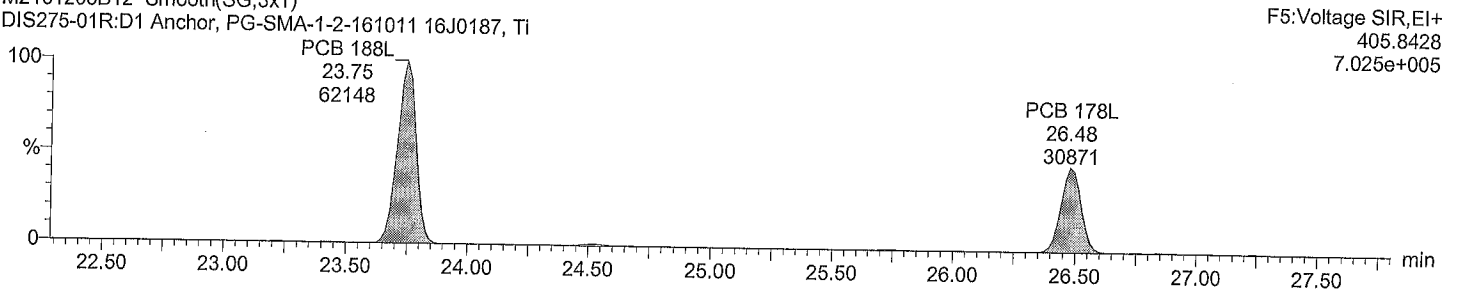
Total HpCB F5

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, Ti



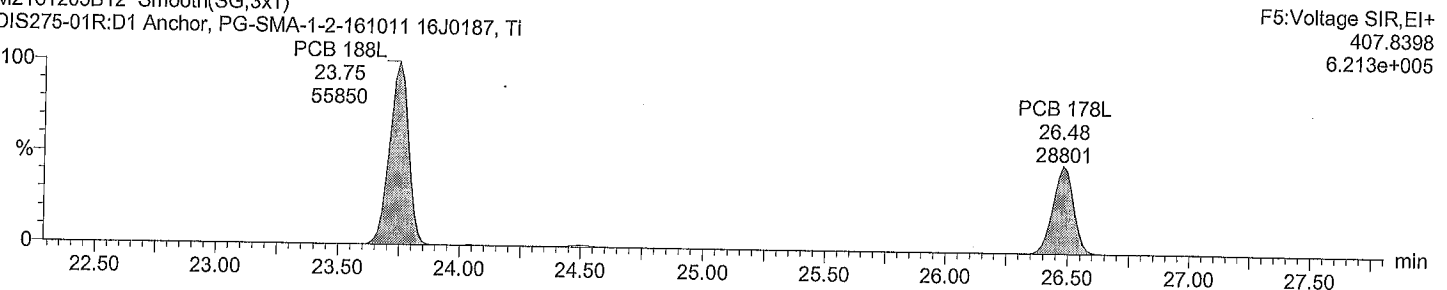
Total HpCB labeled F5

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, Ti



Total HpCB labeled F5

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, Ti



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 4:10:57 PM

Printed: Wednesday, December 07, 2016 4:11:42 PM

Description: DIS275-01R:D1

Vial: 12

Date: 06-Dec-2016

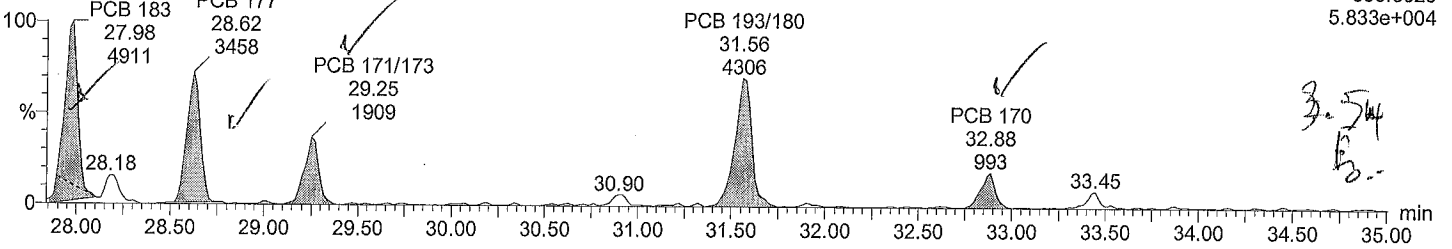
Time: 04:50:19

Instrument:

Total HpCB F6

M2161205B12 Smooth(SG,1x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI

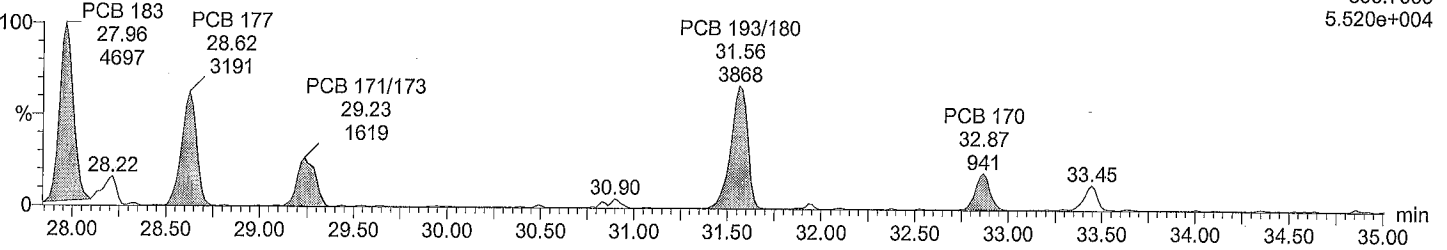
F6:Voltage SIR,EI+
393.8025
5.833e+004



Total HpCB F6

M2161205B12 Smooth(SG,1x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI

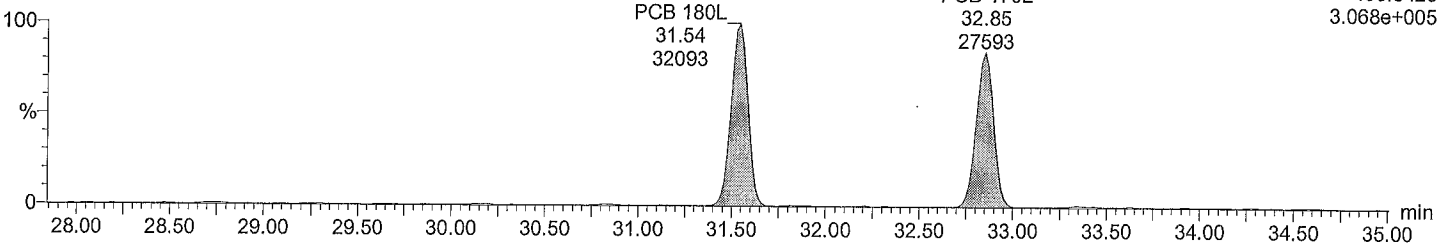
F6:Voltage SIR,EI+
395.7995
5.520e+004



Total HpCB labeled F6

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI

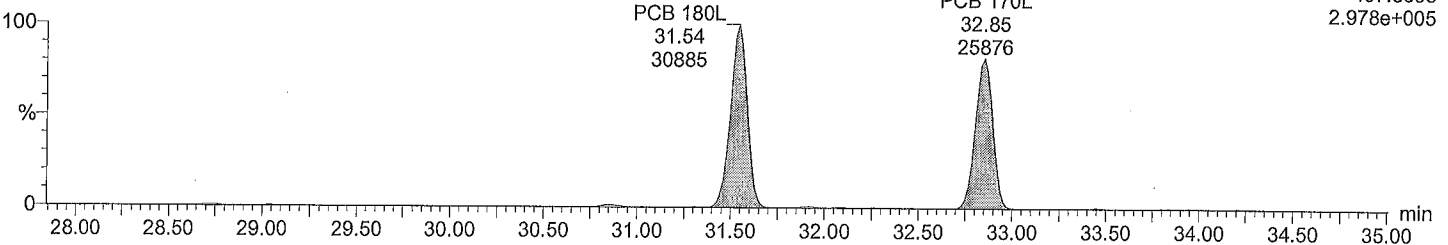
F6:Voltage SIR,EI+
405.8428
3.068e+005



Total HpCB labeled F6

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI

F6:Voltage SIR,EI+
407.8398
2.978e+005



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 4:10:57 PM

Printed: Wednesday, December 07, 2016 4:11:42 PM

Description: DIS275-01R:D1

Vial: 12

Date: 06-Dec-2016

Time: 04:50:19

Instrument:

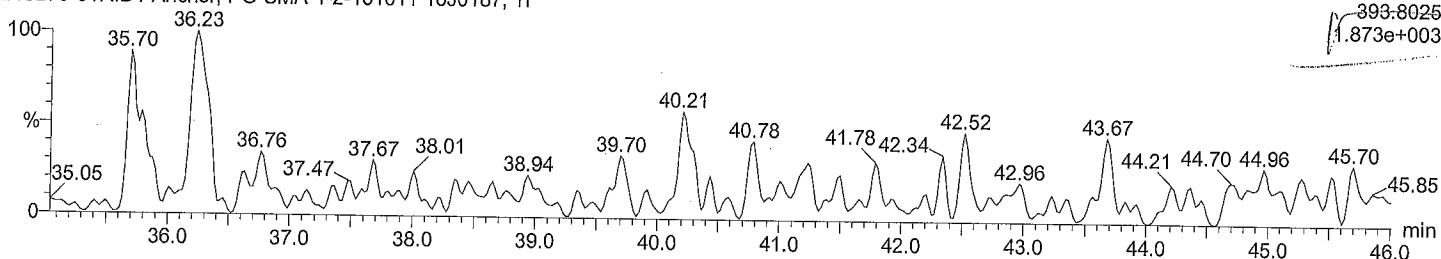
Total HpCB F7

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI

F7:Voltage SIR,EI+

393.8025

1.873e+003



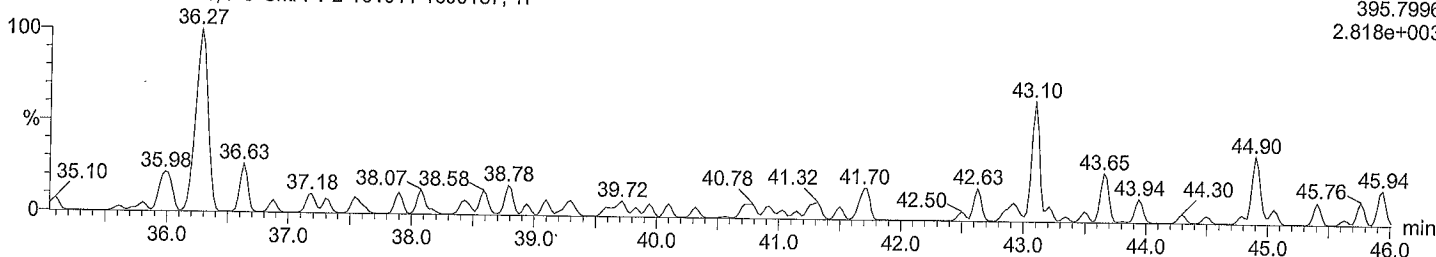
Total HpCB F7

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI

F7:Voltage SIR,EI+

395.7996

2.818e+003



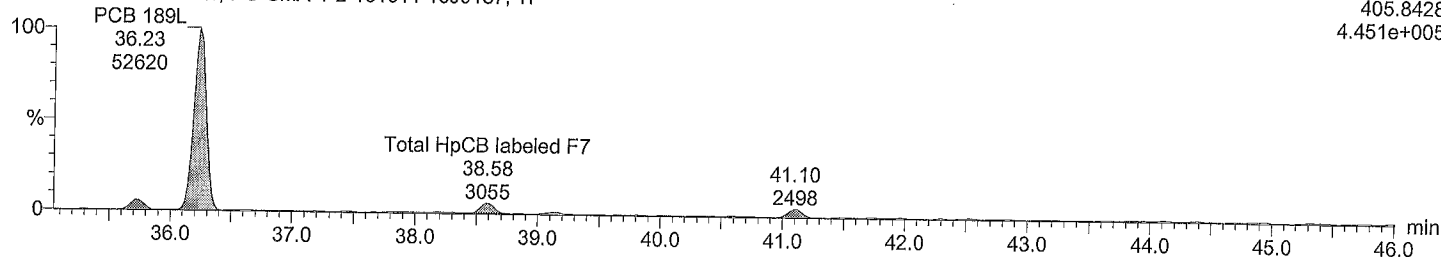
Total HpCB labeled F7

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI

F7:Voltage SIR,EI+

405.8428

4.451e+005



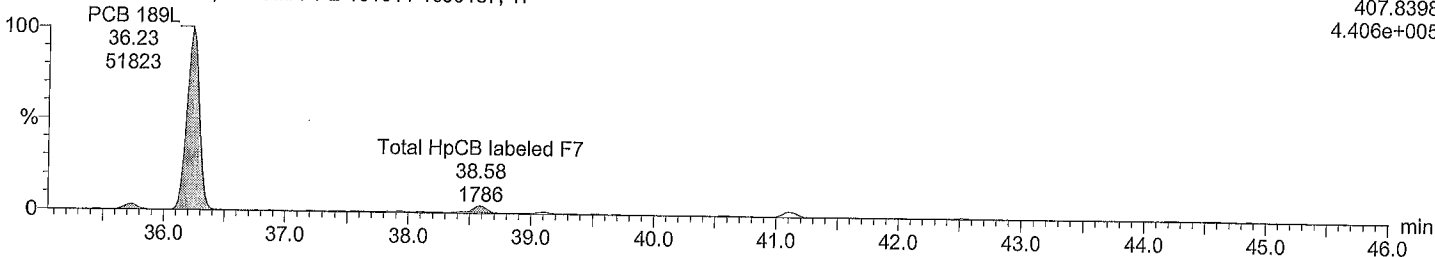
Total HpCB labeled F7

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI

F7:Voltage SIR,EI+

407.8398

4.406e+005



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 4:10:57 PM

Printed: Wednesday, December 07, 2016 4:11:42 PM

Description: DIS275-01R:D1

Vial: 12

Date: 06-Dec-2016

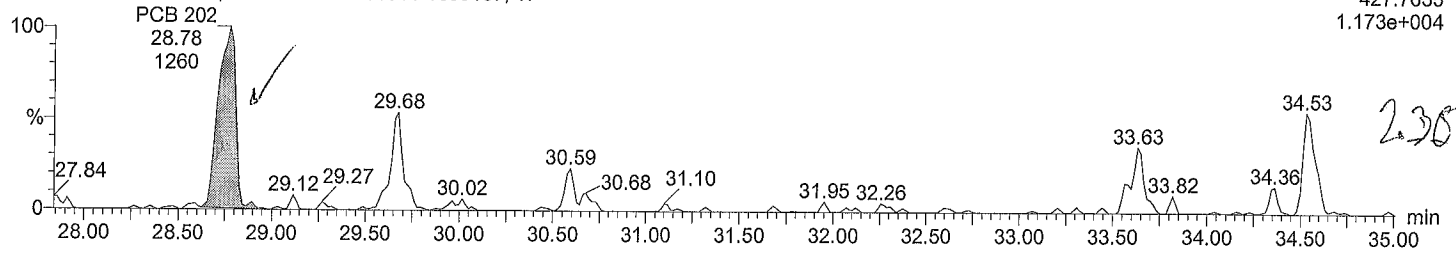
Time: 04:50:19

Instrument:

Total OcCB F6

M2161205B12 Smooth(SG,1x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI

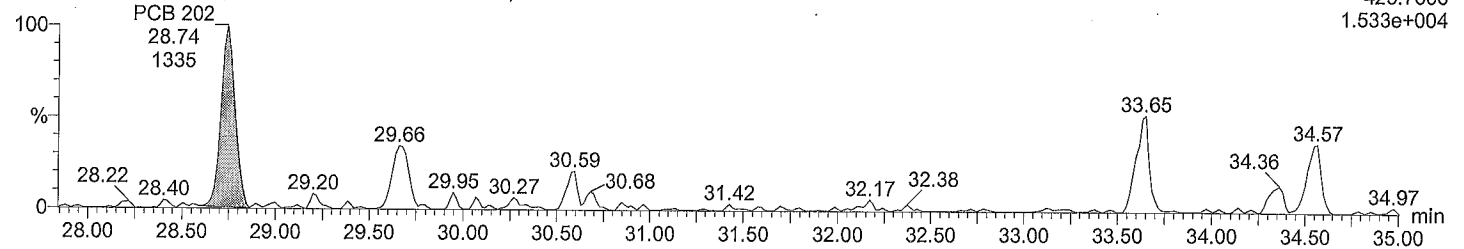
F6:Voltage SIR,EI+
427.7635
1.173e+004



Total OcCB F6

M2161205B12 Smooth(SG,1x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI

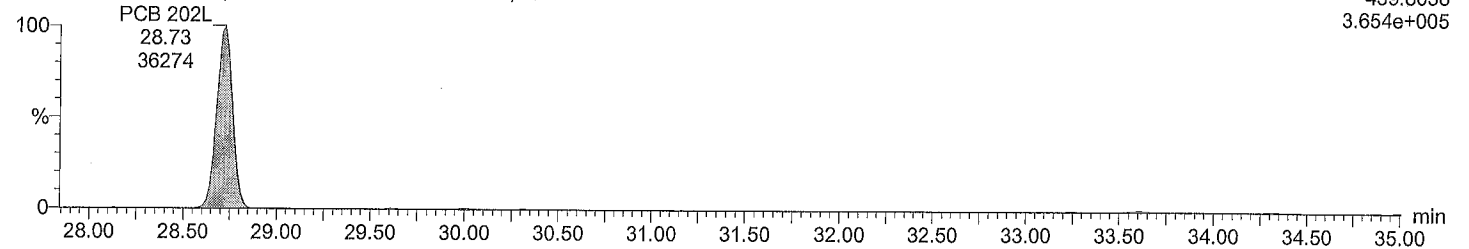
F6:Voltage SIR,EI+
429.7606
1.533e+004



Total OcCB labeled F6

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI

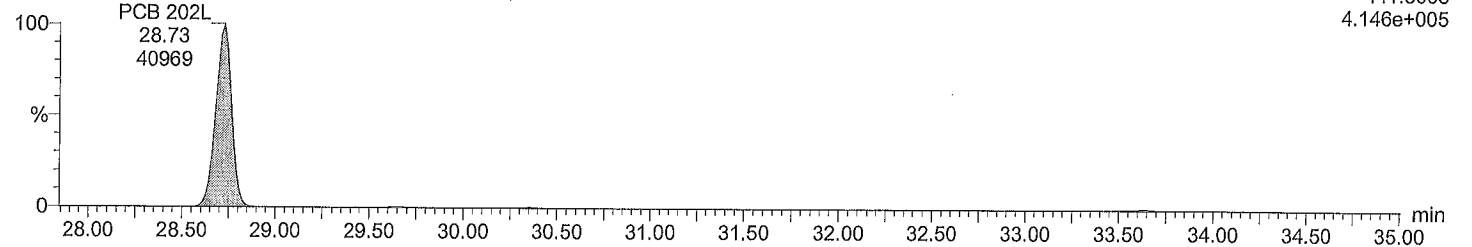
F6:Voltage SIR,EI+
439.8038
3.654e+005



Total OcCB labeled F6

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI

F6:Voltage SIR,EI+
441.8008
4.146e+005



Acquired Date

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Printed: Wednesday, December 07, 2016 4:11:42 PM

Description: DIS275-01R:D1

Vial: 12

Date: 06-Dec-2016

Time: 04:50:19

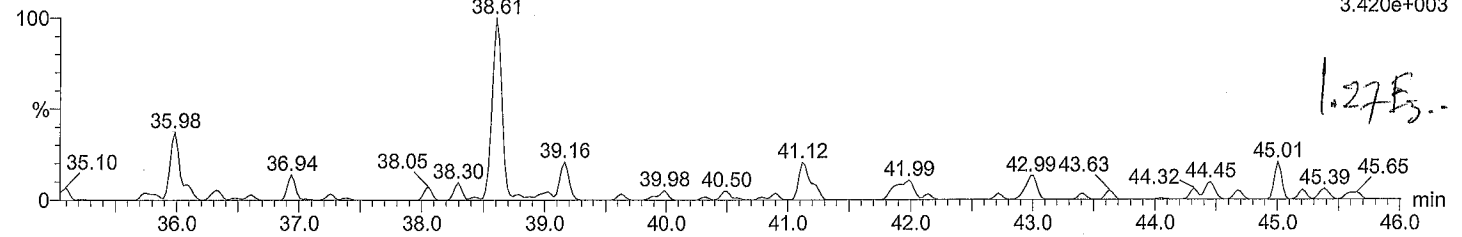
Instrument:

Total OoCB F7

M2161205B12 Smooth(SG,3x1)

DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI

F7:Voltage SIR,EI+
427.7635
3.420e+003

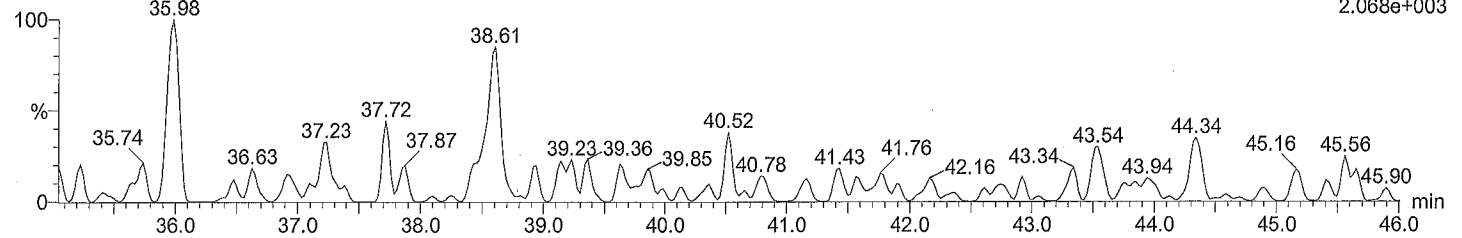


Total OoCB F7

M2161205B12 Smooth(SG,3x1)

DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI

F7:Voltage SIR,EI+
429.7606
2.068e+003

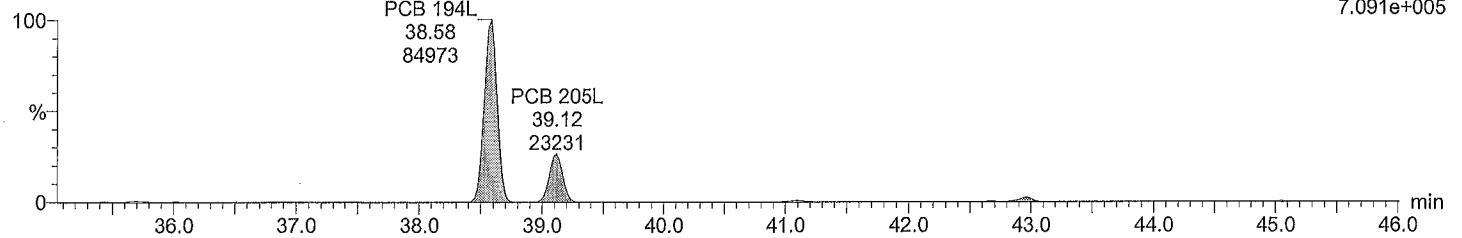


Total OoCB labeled F7

M2161205B12 Smooth(SG,3x1)

DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI

F7:Voltage SIR,EI+
439.8038
7.091e+005

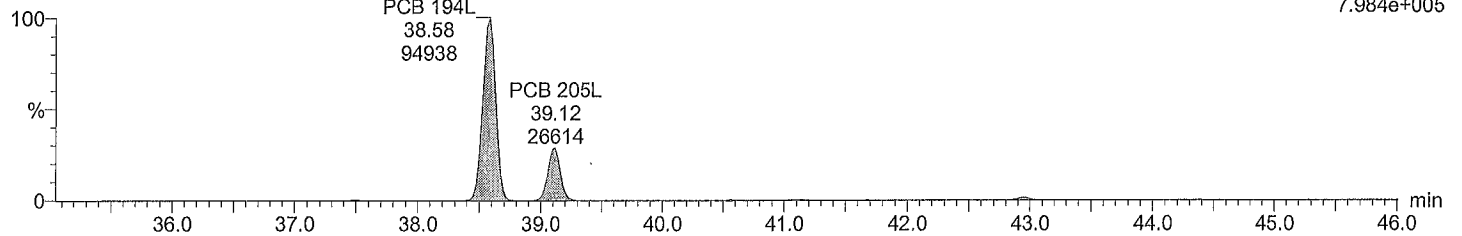


Total OoCB labeled F7

M2161205B12 Smooth(SG,3x1)

DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI

F7:Voltage SIR,EI+
441.8008
7.984e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 4:10:57 PM

Printed: Wednesday, December 07, 2016 4:11:42 PM

Description: DIS275-01R:D1

Vial: 12

Date: 06-Dec-2016

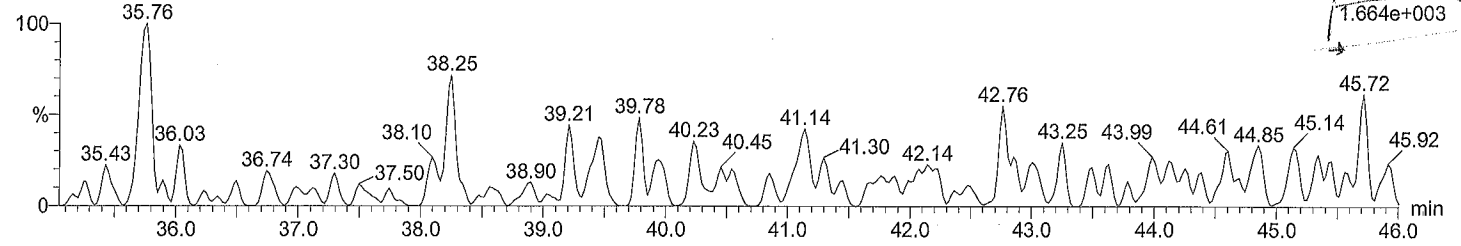
Time: 04:50:19

Instrument:

Total NoCB F7

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI

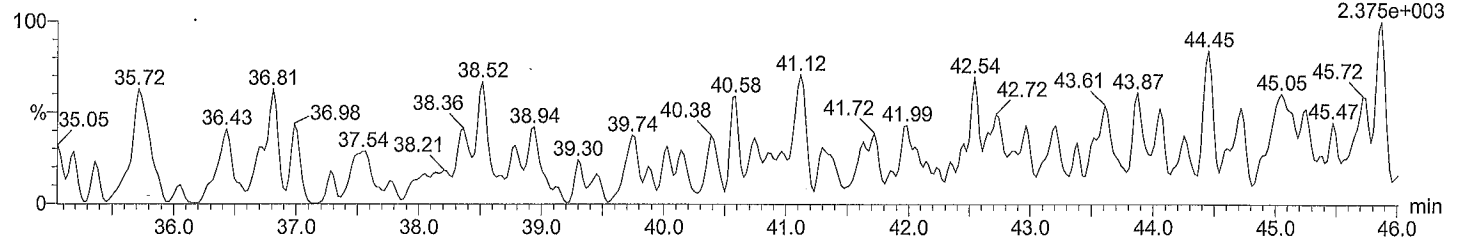
F7:Voltage SIR,EI+
461.7246
1.664e+003



Total NoCB F7

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI

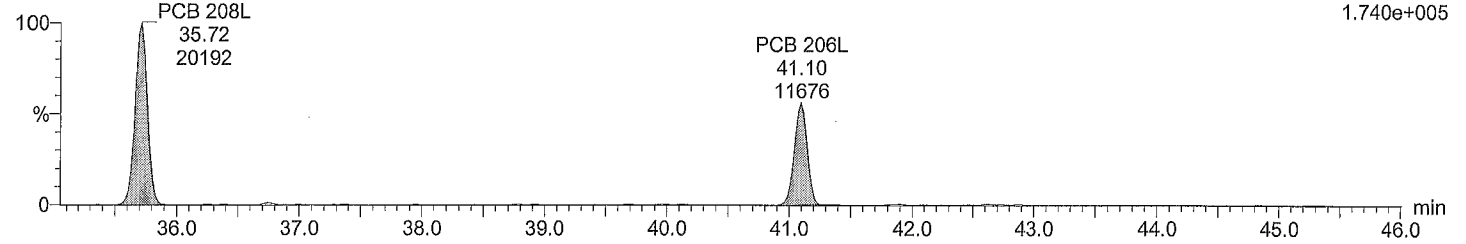
F7:Voltage SIR,EI+
463.7216
2.375e+003



Total NoCB labeled F7

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI

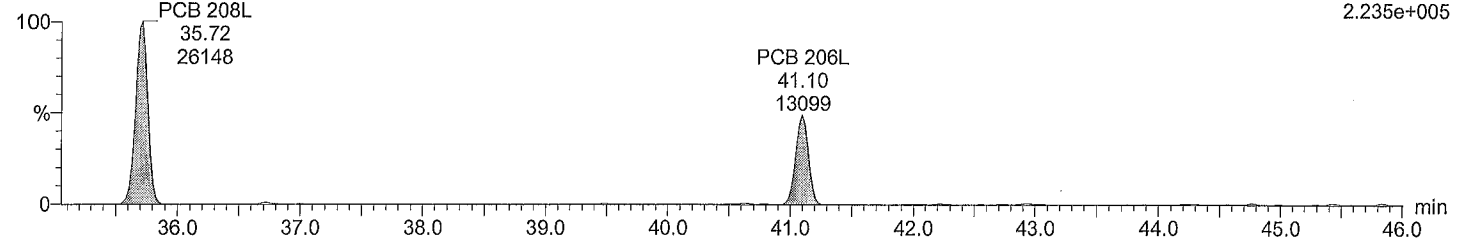
F7:Voltage SIR,EI+
473.7648
1.740e+005



Total NoCB labeled F7

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI

F7:Voltage SIR,EI+
475.7619
2.235e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 4:10:57 PM

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Description: DIS275-01R:D1

Vial: 12

Date: 06-Dec-2016

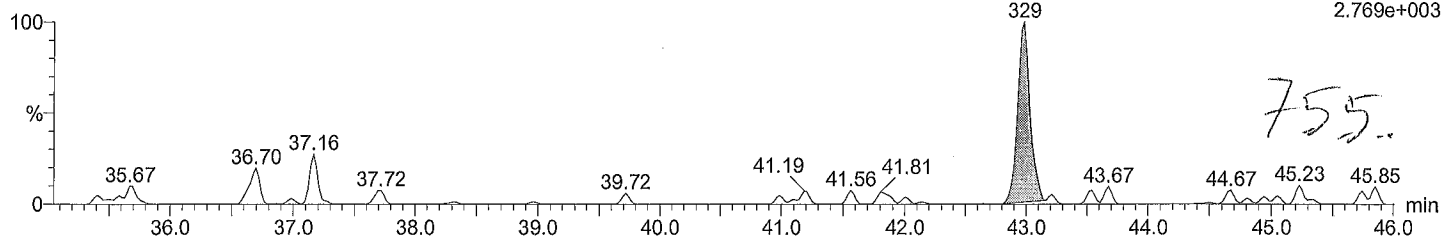
Time: 04:50:19

Instrument:

Total DeCB F7

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI

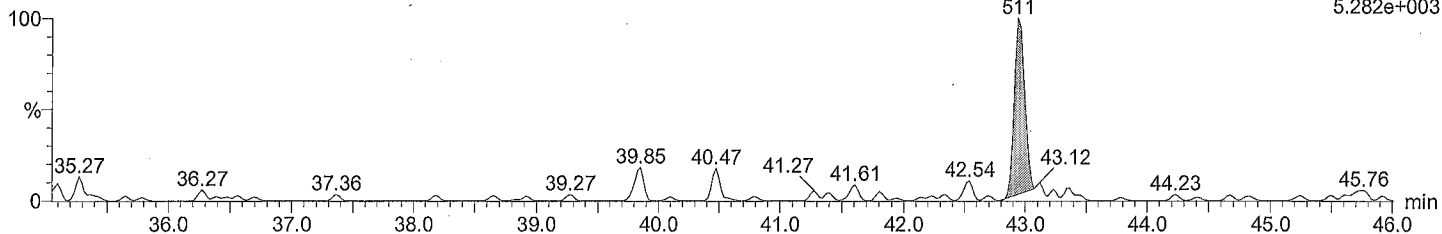
PCB 209
42.99
329
F7:Voltage SIR,EI+
497.6826
2.769e+003



Total DeCB F7

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI

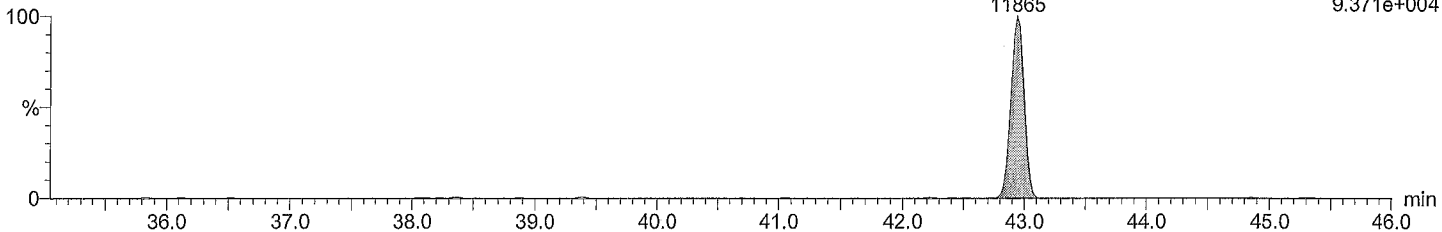
PCB 209
42.94
511
F7:Voltage SIR,EI+
499.6797
5.282e+003



Total DeCB labeled F7

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI

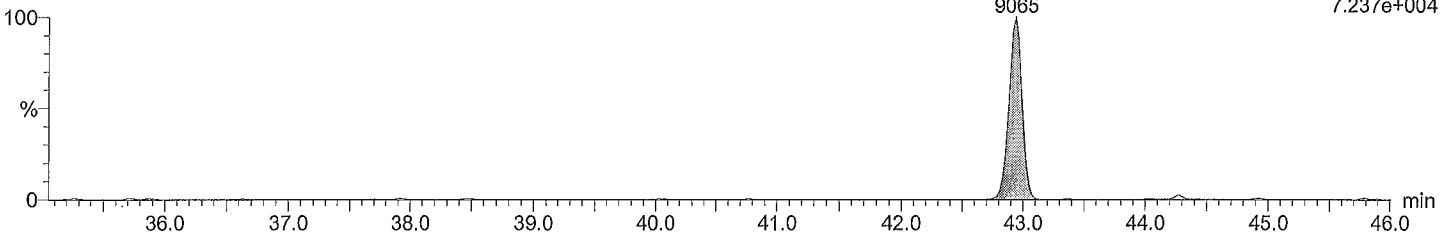
PCB 209L
42.94
11865
F7:Voltage SIR,EI+
509.7229
9.371e+004



Total DeCB labeled F7

M2161205B12 Smooth(SG,3x1)
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI

PCB 209L
42.94
9065
F7:Voltage SIR,EI+
511.7199
7.237e+004



Quantify Sample Report

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Printed: Wednesday, December 07, 2016 4:11:42 PM

Description: DIS275-01R:D1

Vial: 12

Date: 06-Dec-2016

Time: 04:50:19

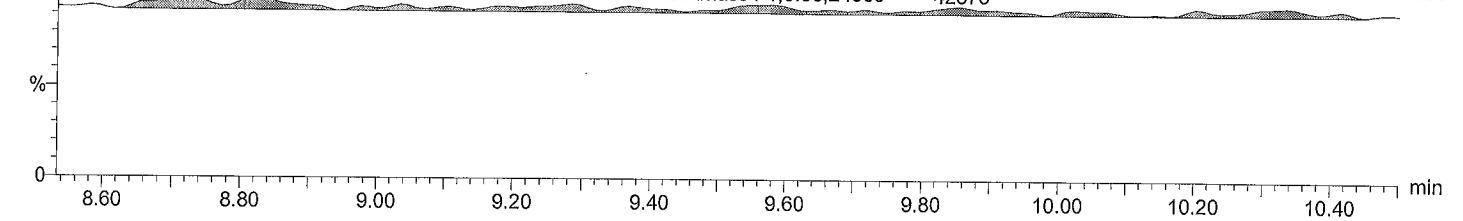
Instrument:

lockmass F1

M2161205B12 Smooth(SG,3x1)

DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI

lockmass F1;8.71;65447



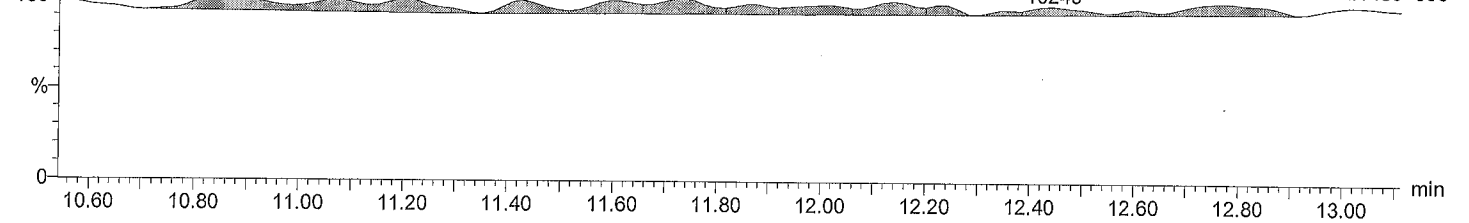
F1:Voltage SIR,EI+
218.9856
9.134e+006

lockmass F2

M2161205B12 Smooth(SG,3x1)

DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI

lockmass F2;10.83;23842



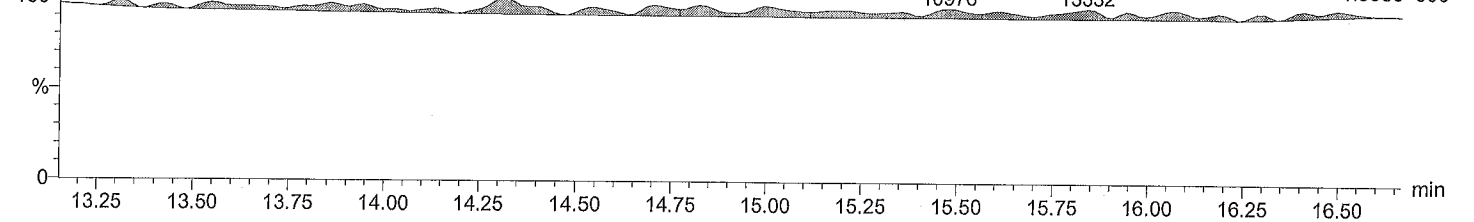
F2:Voltage SIR,EI+
242.9856
2.148e+006

lockmass F3

M2161205B12 Smooth(SG,3x1)

DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI

lockmass F3;14.31;20447



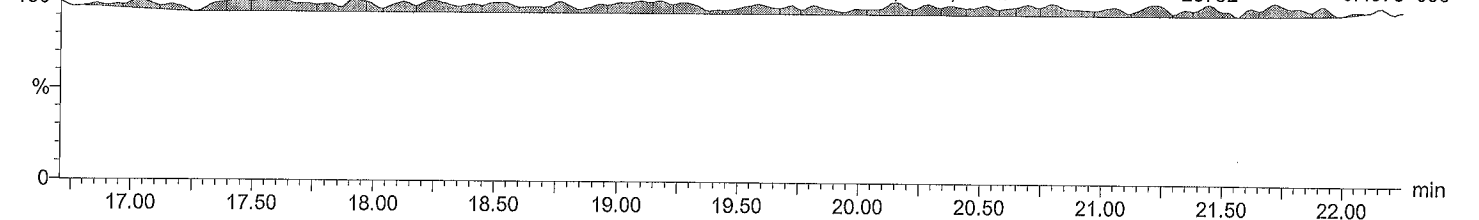
F3:Voltage SIR,EI+
292.9824
1.998e+006

lockmass F4

M2161205B12 Smooth(SG,3x1)

DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI

lockmass F4;17.44;23346



lockmass F4 F4:Voltage SIR,EI+
21.44 330.9792
23752 3.497e+006

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 4:10:57 PM

Printed: Wednesday, December 07, 2016 4:11:42 PM

Description: DIS275-01R:D1

Vial: 12

Date: 06-Dec-2016

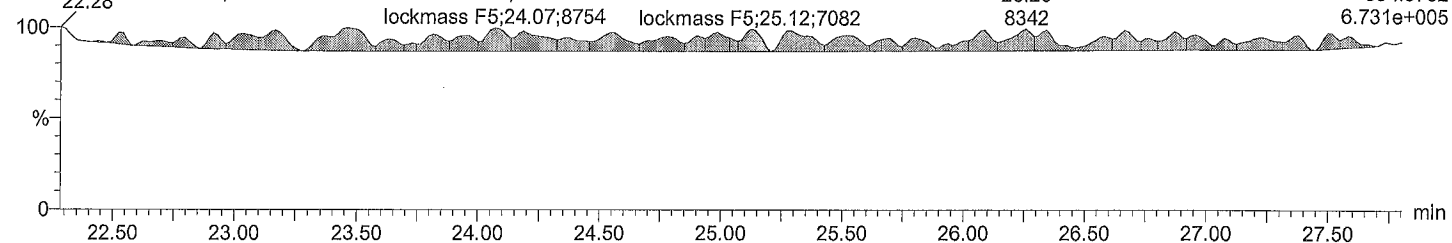
Time: 04:50:19

Instrument:

lockmass F5

M2161205B12 Smooth(SG,3x1)

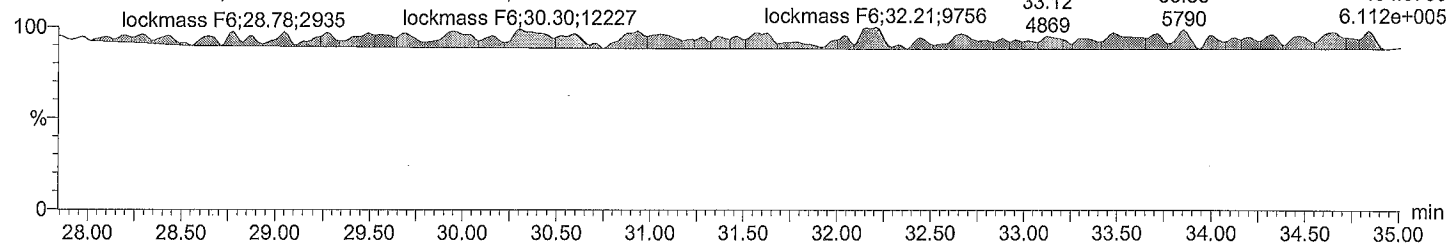
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI



lockmass F6

M2161205B12 Smooth(SG,3x1)

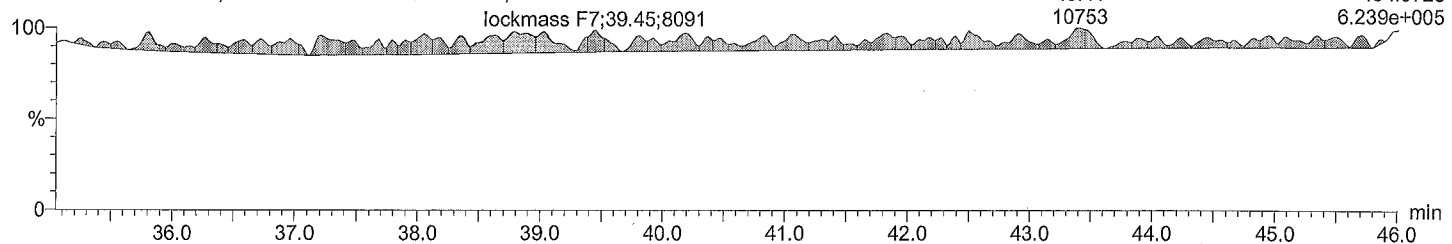
DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI



lockmass F7

M2161205B12 Smooth(SG,3x1)

DIS275-01R:D1 Anchor, PG-SMA-1-2-161011 16J0187, TI



Analysis Type:

Maxxam ID #:

Analyte:

Instr. File Name:

Injection Date:
Injection Time:

SAMPLE DATA: the following is applicable to all reported HRMS analyte calculations

Analyte Area (Primary + Secondary Ions) =

=A

Recovery Standard Area (Primary + Secondary Ions) =

=B

Internal Standard Area (Primary + Secondary Ions) =

=C

Amount of Recovery Standard added to the Extract (pg, ng) =

=D

Amount of Internal Std. added to the sample (pg, ng) =

=E

Average RRF of Analyte =

=F

RRF of Internal Standard =

=G

Amount of Sample Extracted (g or L) =

=H

SPLIT / Dilution Factor =

=I

Analyte Conc. (pg/g, pg/L, Total pg) =
or (ng/g, ng/L, Total ng) =

=A*E/(C*H*F)*I

Internal Standard Recovery (%) =

=C*D*100/(B*E*G)

DAILY RFs
Using post concal

PG-SMA-1-3-161011 16J0187

| | | | | |
|-------------------------------|-----------------------|-----------------|------------------|-------------------|
| Lab Name | Maxxam Analytics Inc. | | Lab Sample ID: | B6N4556-DIS276 |
| Method | EPA 1668A m | | Project Number: | PORT GAMBLE |
| Matrix: | tissue | | Project Name: | |
| Sample wt/vol: | 10.16 | (g) | Lab File ID: | M2161205B13 |
| Level (low/med): | low | | Date Received: | October 28, 2016 |
| % Moisture: | Not applicable | Decanted (Y/N): | Date Extracted: | November 28, 2016 |
| Concentrated Extract Volume: | 100 | (uL) | Lab Batch: | 4779396 |
| Injection Volume: | 1 | (uL) | Date Analyzed: | December 6, 2016 |
| Acid/Base Wash Cleanup (Y/N): | N | pH | Calib. Ref.: | November 29, 2016 |
| Silica Column Cleanup (Y/N): | Y | | Time Analyzed: | 05:40 |
| Alumina Column Cleanup (Y/N): | N | | Dilution Factor: | 1 |
| Carbon Column Cleanup (Y/N): | N | | | |
| GPC Column Cleanup (Y/N): | N | | | |

| CAS Number | Compound | Concentration (ng/g) | EDL (ng/g) | TE (ng/g) | REPORTING LIMIT (ng/g) |
|-----------------|--------------------------|----------------------|------------|--------------|------------------------|
| 2051-60-7 | 2-MonoCB-(1) | 0.0013 U | 0.0013 | | 0.0098 |
| 33146-45-1 | 2,6-DiCB-(10) | 0.030 U | 0.030 | | 0.0098 |
| 60145-21-3 | 22'45'6'-PentaCB-(103) | 0.00140 J | 0.00094 | | 0.0098 |
| 56558-16-8 | 22'466'-PentaCB-(104) | 0.00020 U | 0.00020 | | 0.0098 |
| 32598-14-4 | 233'44'-PentaCB-(105) | 0.0184 | 0.0013 | 0.000000552 | 0.0098 |
| 70424-69-0 | 233'45'-PentaCB-(106) | 0.00094 U | 0.00094 | | 0.0098 |
| 70424-68-9 | 233'45'-PentaCB-(107) | 0.00480 J | 0.00083 | | 0.0098 |
| 70362-41-3 | PentaCB-(108)+(124) | 0.00180 J | 0.00092 | | 0.020 |
| 2050-67-1 | 3,3'-DiCB-(11) | 0.0083 U | 0.0083 | | 0.0098 |
| 38380-03-9 | PentaCB-(110)+(115) | 0.0439 | 0.0010 | | 0.020 |
| 39635-32-0 | 233'55'-PentaCB-(111) | 0.00092 U | 0.00092 | | 0.0098 |
| 74472-36-9 | 233'56'-PentaCB-(112) | 0.00082 U | 0.00082 | | 0.0098 |
| 74472-37-0 | 2344'5'-PentaCB-(114) | 0.0013 U | 0.0013 | 0.0000000390 | 0.0098 |
| 31508-00-6 | 23'44'5'-PentaCB-(118) | 0.0622 | 0.0013 | 0.00000187 | 0.0098 |
| 2974-92-7..90-5 | DiCB-(12)+(13) | 0.0091 U | 0.0091 | | 0.020 |
| 68194-12-7 | 23'455'-PentaCB-(120) | 0.00081 U | 0.00081 | | 0.0098 |
| 56558-18-0 | 23'45'6'-PentaCB-(121) | 0.00088 U | 0.00088 | | 0.0098 |
| 76842-07-4 | 233'4'5'-PentaCB-(122) | 0.00097 U | 0.00097 | | 0.0098 |
| 65510-44-3 | 23'44'5'-PentaCB-(123) | 0.0014 U | 0.0014 | 0.0000000420 | 0.0098 |
| 57465-28-8 | 33'44'5'-PentaCB-(126) | 0.0013 U | 0.0013 | 0.000130 | 0.0098 |
| 39635-33-1 | 33'455'-PentaCB-(127) | 0.00087 U | 0.00087 | | 0.0098 |
| 38380-07-3 | HexaCB-(128)+(166) | 0.0175 J | 0.0017 | | 0.020 |
| 55215-18-4 | HexaCB-(129)+(138)+(163) | 0.141 | 0.0018 | | 0.030 |
| 52663-66-8 | 22'33'45'-HexaCB-(130) | 0.0071 J | 0.0021 | | 0.0098 |
| 61798-70-7 | 22'33'46'-HexaCB-(131) | 0.0022 U | 0.0022 | | 0.0098 |
| 38380-05-1 | 22'33'46'-HexaCB-(132) | 0.0140 | 0.0023 | | 0.0098 |
| 35694-04-3 | 22'33'55'-HexaCB-(133) | 0.0042 J | 0.0019 | | 0.0098 |
| 52704-70-8 | HexaCB-(134)+(143) | 0.0047 J | 0.0020 | | 0.020 |
| 52744-13-5 | HexaCB-(135)+(151) | 0.0500 | 0.0025 | | 0.020 |
| 38411-22-2 | 22'33'66'-HexaCB-(136) | 0.0104 | 0.0017 | | 0.0098 |
| 35694-06-5 | 22'344'5'-HexaCB-(137) | 0.0021 U | 0.0021 | | 0.0098 |
| 56030-56-9 | HexaCB-(139)+(140) | 0.0018 U | 0.0018 | | 0.020 |
| 34883-41-5 | 3,5-DiCB-(14) | 0.0079 U | 0.0079 | | 0.0098 |
| 52712-04-6 | 22'3455'-HexaCB-(141) | 0.0019 U | 0.0019 | | 0.0098 |
| 41411-61-4 | 22'3456'-HexaCB-(142) | 0.0020 U | 0.0020 | | 0.0098 |
| 68194-14-9 | 22'345'6'-HexaCB-(144) | 0.0049 J | 0.0024 | | 0.0098 |
| 74472-40-5 | 22'3466'-HexaCB-(145) | 0.0020 U | 0.0020 | | 0.0098 |
| 51908-16-8 | 22'34'55'-HexaCB-(146) | 0.0353 | 0.0017 | | 0.0098 |
| 68194-13-8 | HexaCB-(147)+(149) | 0.0928 | 0.0018 | | 0.020 |
| 74472-41-6 | 22'34'56'-HexaCB-(148) | 0.0023 U | 0.0023 | | 0.0098 |
| 2050-68-2 | 4,4'-DiCB-(15) | 0.017 U | 0.017 | | 0.0098 |
| 68194-08-1 | 22'34'66'-HexaCB-(150) | 0.0018 U | 0.0018 | | 0.0098 |
| 68194-09-2 | 22'3566'-HexaCB-(152) | 0.0016 U | 0.0016 | | 0.0098 |
| 35065-27-1 | HexaCB-(153)+(168) | 0.197 | 0.0015 | | 0.0098 |
| 60145-22-4 | 22'44'56'-HexaCB-(154) | 0.0058 J | 0.0021 | | 0.0098 |
| 33979-03-2 | 22'44'66'-HexaCB-(155) | 0.0010 U | 0.0010 | | 0.0098 |
| 38380-08-4 | HexaCB-(156)+(157) | 0.00590 J | 0.00088 | 0.000000177 | 0.020 |
| 74472-42-7 | 233'44'6'-HexaCB-(158) | 0.0085 J | 0.0014 | | 0.0098 |

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|-------------------------------|------------------------------|-----------------|------------------|--------------------------|
| Lab Name | <u>Maxxam Analytics Inc.</u> | | Lab Sample ID: | <u>B6N4556-DIS276</u> |
| Method | <u>EPA 1668A m</u> | | Project Number: | <u>PORT GAMBLE</u> |
| Matrix: | <u>tissue</u> | | Project Name: | <u></u> |
| Sample wt/vol: | <u>10.16</u> | (g) | Lab File ID: | <u>M2161205B13</u> |
| Level (low/med): | <u>low</u> | | Date Received: | <u>October 28, 2016</u> |
| % Moisture: | <u>Not applicable</u> | Decanted (Y/N): | Date Extracted: | <u>November 28, 2016</u> |
| Concentrated Extract Volume: | <u>100</u> | (uL) | Lab Batch: | <u>4779396</u> |
| Injection Volume: | <u>1</u> | (uL) | Date Analyzed: | <u>December 6, 2016</u> |
| Acid/Base Wash Cleanup (Y/N): | <u>N</u> | pH | Calib. Ref.: | <u>November 29, 2016</u> |
| Silica Column Cleanup (Y/N): | <u>Y</u> | | Time Analyzed: | <u>05:40</u> |
| Alumina Column Cleanup (Y/N): | <u>N</u> | | Dilution Factor: | <u>1</u> |
| Carbon Column Cleanup (Y/N): | <u>N</u> | | | |
| GPC Column Cleanup (Y/N): | <u>N</u> | | | |

| CAS Number | Compound | Concentration (ng/g) | EDL (ng/g) | TE (ng/g) | REPORTING LIMIT (ng/g) |
|-----------------|----------------------------|----------------------|------------|-------------|------------------------|
| 39635-35-3 | 233'455'-HexaCB-(159) | 0.00061 U | 0.00061 | | 0.0098 |
| 38444-78-9 | 22'3-TriCB-(16) | 0.0047 U | 0.0047 | | 0.0098 |
| 41411-62-5 | 233'456'-HexaCB-(160) | 0.0017 U | 0.0017 | | 0.0098 |
| 74472-43-8 | 233'456'-HexaCB-(161) | 0.0014 U | 0.0014 | | 0.0098 |
| 39635-34-2 | 233'455'-HexaCB-(162) | 0.00068 U | 0.00068 | | 0.0098 |
| 74472-45-0 | 233'456'-HexaCB-(164) | 0.0017 U | 0.0017 | | 0.0098 |
| 74472-46-1 | 233'556'-HexaCB-(165) | 0.0016 U | 0.0016 | | 0.0098 |
| 52663-72-6 | 23'44'55'-HexaCB-(167) | 0.00448 J | 0.00096 | 0.00000134 | 0.0098 |
| 32774-16-6 | 33'44'55'-HexaCB-(169) | 0.00093 U | 0.00093 | 0.0000279 | 0.0098 |
| 37680-66-3 | 22'4-TriCB-(17) | 0.0042 U | 0.0042 | | 0.0098 |
| 35065-30-6 | 22'33'44'5-HeptaCB-(170) | 0.0011 U | 0.0011 | | 0.0098 |
| 52663-71-5 | HeptaCB-(171)+(173) | 0.0073 J | 0.0015 | | 0.020 |
| 52663-74-8 | 22'33'455'-HeptaCB-(172) | 0.0015 U | 0.0015 | | 0.0098 |
| 38411-25-5 | 22'33'456'-HeptaCB-(174) | 0.0015 U | 0.0015 | | 0.0098 |
| 40186-70-7 | 22'33'456'-HeptaCB-(175) | 0.0023 U | 0.0023 | | 0.0098 |
| 52663-65-7 | 22'33'466'-HeptaCB-(176) | 0.0027 U | 0.0027 | | 0.0098 |
| 52663-70-4 | 22'33'456'-HeptaCB-(177) | 0.0145 | 0.0015 | | 0.0098 |
| 52663-67-9 | 22'33'556'-HeptaCB-(178) | 0.010 U | 0.010 | | 0.0098 |
| 52663-64-6 | 22'33'566'-HeptaCB-(179) | 0.0122 | 0.0016 | | 0.0098 |
| 37680-65-2 | TriCB-(18)+(30) | 0.0033 U | 0.0033 | | 0.020 |
| 35065-29-3 | HeptaCB-(180)+(193) | 0.0152 J | 0.00098 | | 0.020 |
| 74472-47-2 | 22'344'56'-HeptaCB-(181) | 0.0015 U | 0.0015 | | 0.0098 |
| 60145-23-5 | 22'344'56'-HeptaCB-(182) | 0.0024 U | 0.0024 | | 0.0098 |
| 52663-69-1 | 22'344'56'-HeptaCB-(183) | 0.0174 | 0.0011 | | 0.0098 |
| 74472-48-3 | 22'344'66'-HeptaCB-(184) | 0.0018 U | 0.0018 | | 0.0098 |
| 52712-05-7 | 22'34556'-HeptaCB-(185) | 0.0018 U | 0.0018 | | 0.0098 |
| 74472-49-4 | 22'34566'-HeptaCB-(186) | 0.0019 U | 0.0019 | | 0.0098 |
| 52663-68-0 | 22'34'556'-HeptaCB-(187) | 0.0635 | 0.0025 | | 0.0098 |
| 74487-85-7 | 22'34'566'-HeptaCB-(188) | 0.0015 U | 0.0015 | | 0.0098 |
| 39635-31-9 | 233'44'55'-HeptaCB-(189) | 0.0011 U | 0.0011 | 0.000000330 | 0.0098 |
| 38444-73-4 | 22'6-TriCB-(19) | 0.0025 U | 0.0025 | | 0.0098 |
| 41411-64-7 | 233'44'56'-HeptaCB-(190) | 0.0012 U | 0.0012 | | 0.0098 |
| 74472-50-7 | 233'44'56'-HeptaCB-(191) | 0.0011 U | 0.0011 | | 0.0098 |
| 74472-51-8 | 233'4556'-HeptaCB-(192) | 0.0013 U | 0.0013 | | 0.0098 |
| 35694-08-7 | 22'33'44'55'-OctaCB-(194) | 0.0026 U | 0.0026 | | 0.049 |
| 52663-78-2 | 22'33'44'56'-OctaCB-(195) | 0.0028 U | 0.0028 | | 0.049 |
| 42740-50-1 | 22'33'44'56'-OctaCB-(196) | 0.0023 U | 0.0023 | | 0.049 |
| 33091-17-7 | 22'33'44'66'-OctaCB-(197) | 0.0018 U | 0.0018 | | 0.049 |
| 68194-17-2 | OctaCB-(198)+(199) | 0.0024 U | 0.0024 | | 0.098 |
| 2051-61-8 | 3-MonoCB-(2) | 0.0010 U | 0.0010 | | 0.0098 |
| 38444-84-7 | TriCB-(20) + (28) | 0.0143 J | 0.00041 | | 0.020 |
| 52663-73-7 | 22'33'4566'-OctaCB-(200) | 0.0016 U | 0.0016 | | 0.049 |
| 40186-71-8 | 22'33'4566'-OctaCB-(201) | 0.0019 J | 0.0016 | | 0.049 |
| 2136-99-4 | 22'33'5566'-OctaCB-(202) | 0.0031 U | 0.0031 | | 0.049 |
| 52663-76-0 | 22'344'556'-OctaCB-(203) | 0.0024 U | 0.0024 | | 0.049 |
| 74472-52-9 | 22'344'566'-OctaCB-(204) | 0.0016 U | 0.0016 | | 0.049 |
| 74472-53-0 | 233'44'556'-OctaCB-(205) | 0.0017 U | 0.0017 | | 0.0098 |
| 40186-72-9 | 22'33'44'556'-NonaCB-(206) | 0.0016 U | 0.0016 | | 0.0098 |

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Lab Name: Maxxam Analytics Inc.
 Method: EPA 1668A m
 Matrix: tissue
 Sample wt/vol: 10.16 (g) g (dry weight)
 Level (low/med): low
 % Moisture: Not applicable Decanted (Y/N): N
 Concentrated Extract Volume: 100 (uL)
 Injection Volume: 1 (uL)
 Acid/Base Wash Cleanup (Y/N): N pH Not analyzed
 Silica Column Cleanup (Y/N): Y
 Alumina Column Cleanup (Y/N): N
 Carbon Column Cleanup (Y/N): N
 GPC Column Cleanup (Y/N): N

Lab Sample ID: B6N4556-DIS276
 Project Number: PORT GAMBLE
 Project Name: _____
 Lab File ID: M2161205B13
 Date Received: October 28, 2016
 Date Extracted: November 28, 2016
 Lab Batch: 4779396
 Date Analyzed: December 6, 2016
 Calib. Ref.: November 29, 2016
 Time Analyzed: 05:40
 Dilution Factor: 1

| CAS Number | Compound | Concentration (ng/g) | EDL (ng/g) | TE (ng/g) | REPORTING LIMIT (ng/g) |
|-----------------|-----------------------------|----------------------|------------|-----------|------------------------|
| 52663-79-3 | 22'33'44'566'-NonaCB-(207) | 0.0013 U | 0.0013 | | 0.0098 |
| 52663-77-1 | 22'33'455'66'-NonaCB-(208) | 0.0016 U | 0.0016 | | 0.0098 |
| 2051-24-3 | DecaCB-(209) | 0.0032 U | 0.0032 | | 0.0098 |
| 55702-46-0 | TriCB-(21)+(33) | 0.00354 J | 0.00040 | | 0.020 |
| 38444-85-8 | 234'-TriCB-(22) | 0.00198 J | 0.00046 | | 0.0098 |
| 55720-44-0 | 235'-TriCB-(23) | 0.00043 U | 0.00043 | | 0.0098 |
| 55702-45-9 | 236'-TriCB-(24) | 0.0036 U | 0.0036 | | 0.0098 |
| 55712-37-3 | 234'-TriCB-(25) | 0.00092 J | 0.00038 | | 0.0098 |
| 38444-81-4 | TriCB-(26)+(29) | 0.00163 J | 0.00038 | | 0.020 |
| 38444-76-7 | 236'-TriCB-(27) | 0.0029 U | 0.0029 | | 0.0098 |
| 2051-62-9 | 4-MonoCB-(3) | 0.0014 U | 0.0014 | | 0.0098 |
| 16606-02-3 | 24'5'-TriCB-(31) | 0.00651 J | 0.00037 | | 0.0098 |
| 38444-77-8 | 24'6'-TriCB-(32) | 0.0026 U | 0.0026 | | 0.0098 |
| 37680-68-5 | 23'5'-TriCB-(34) | 0.00038 U | 0.00038 | | 0.0098 |
| 37680-69-6 | 33'4'-TriCB-(35) | 0.00040 U | 0.00040 | | 0.0098 |
| 38444-87-0 | 33'5'-TriCB-(36) | 0.00035 U | 0.00035 | | 0.0098 |
| 38444-90-5 | 344'-TriCB-(37) | 0.00253 J | 0.00082 | | 0.0098 |
| 53555-66-1 | 345'-TriCB-(38) | 0.00041 U | 0.00041 | | 0.0098 |
| 38444-88-1 | 34'5'-TriCB-(39) | 0.00042 U | 0.00042 | | 0.0098 |
| 13029-08-8 | 22'-DiCB-(4) | 0.025 U | 0.025 | | 0.0098 |
| 38444-93-8 | TetraCB-(40)+(41)+(71) | 0.0096 J | 0.0017 | | 0.030 |
| 36559-22-5 | 22'34'-TetraCB-(42) | 0.0045 J | 0.0019 | | 0.0098 |
| 70362-46-8 | 22'35'-TetraCB-(43) | 0.0026 U | 0.0026 | | 0.0098 |
| 41464-39-5 | TetraCB-(44)+(47)+(65) | 0.0251 J | 0.0016 | | 0.030 |
| 70362-45-7 | TetraCB-(45)+(51) | 0.0017 U | 0.0017 | | 0.020 |
| 41464-47-5 | 22'36'-TetraCB-(46) | 0.0019 U | 0.0019 | | 0.0098 |
| 70362-47-9 | 22'45'-TetraCB-(48) | 0.0041 J | 0.0018 | | 0.0098 |
| 41464-47-5 | TetraCB-(49)+TetraCB-(69) | 0.0094 J | 0.0014 | | 0.020 |
| 16605-91-7 | 2,3-DiCB-(5) | 0.010 U | 0.010 | | 0.0098 |
| 62796-65-0 | TetraCB-(50)+(53) | 0.0042 J | 0.0016 | | 0.020 |
| 35693-99-3 | 22'55'-TetraCB-(52) | 0.0312 | 0.0015 | | 0.0098 |
| 15968-05-5 | 22'66'-TetraCB-(54) | 0.00056 U | 0.00056 | | 0.0098 |
| 74338-24-2 | 233'4'-TetraCB-(55) | 0.00079 U | 0.00079 | | 0.0098 |
| 41464-43-1 | 233'4'-TetraCB-(56) | 0.00288 J | 0.00081 | | 0.0098 |
| 70424-67-8 | 233'5'-TetraCB-(57) | 0.00068 U | 0.00068 | | 0.0098 |
| 41464-49-7 | 233'5'-TetraCB-(58) | 0.00076 U | 0.00076 | | 0.0098 |
| 74472-33-6 | TetraCB-(59)+(62)+(75) | 0.0023 J | 0.0013 | | 0.030 |
| 25569-80-6 | 2,3-DiCB-(6) | 0.0079 U | 0.0079 | | 0.0098 |
| 33025-41-1 | 2344'-TetraCB-(60) | 0.0024 U | 0.0024 | | 0.0098 |
| 33284-53-6 | TetraCB-(61)+(70)+(74)+(76) | 0.0297 J | 0.00074 | | 0.039 |
| 74472-34-7 | 234'5'-TetraCB-(63) | 0.00085 U | 0.00085 | | 0.0098 |
| 52663-58-8 | 234'6'-TetraCB-(64) | 0.0033 J | 0.0013 | | 0.0098 |
| 32598-10-0 | 23'44'-TetraCB-(66) | 0.0137 | 0.00066 | | 0.0098 |
| 73575-53-8 | 23'45'-TetraCB-(67) | 0.00064 U | 0.00064 | | 0.0098 |
| 73575-52-7 | 23'45'-TetraCB-(68) | 0.00092 U | 0.00092 | | 0.0098 |
| 33284-50-3 | 2,4-DiCB-(7) | 0.0089 U | 0.0089 | | 0.0098 |
| 41464-42-0 | 23'55'-TetraCB-(72) | 0.00074 J | 0.00066 | | 0.0098 |
| 74338-23-1 | 23'5'6'-TetraCB-(73) | 0.0012 U | 0.0012 | | 0.0098 |

PG-SMA-1-3-161011 16J0187

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|-------------------------------|------------------------------|-----------------|------------------|--------------------------|
| Lab Name | <u>Maxxam Analytics Inc.</u> | | Lab Sample ID: | <u>B6N4556-DIS276</u> |
| Method | <u>EPA 1668A m</u> | | Project Number: | <u>PORT GAMBLE</u> |
| Matrix: | <u>tissue</u> | | Project Name: | <u></u> |
| Sample wt/vol: | <u>10.16</u> | (g) | Lab File ID: | <u>M2161205B13</u> |
| Level (low/med): | <u>low</u> | | Date Received: | <u>October 28, 2016</u> |
| % Moisture: | <u>Not applicable</u> | Decanted (Y/N): | Date Extracted: | <u>November 28, 2016</u> |
| Concentrated Extract Volume: | <u>100</u> | (uL) | Lab Batch: | <u>4779396</u> |
| Injection Volume: | <u>1</u> | (uL) | Date Analyzed: | <u>December 6, 2016</u> |
| Acid/Base Wash Cleanup (Y/N): | <u>N</u> | pH | Calib. Ref.: | <u>November 29, 2016</u> |
| Silica Column Cleanup (Y/N): | <u>Y</u> | | Time Analyzed: | <u>05:40</u> |
| Alumina Column Cleanup (Y/N): | <u>N</u> | | Dilution Factor: | <u>1</u> |
| Carbon Column Cleanup (Y/N): | <u>N</u> | | | |
| GPC Column Cleanup (Y/N): | <u>N</u> | | | |

| CAS Number | Compound | Concentration (ng/g) | EDL (ng/g) | TE (ng/g) | REPORTING LIMIT (ng/g) |
|-----------------|-------------------------------------|----------------------|-------------------------|-------------|------------------------|
| 32598-13-3 | 33'44'-TetraCB-(77) | 0.0019 J | 0.0011 | 0.000000190 | 0.0098 |
| 70362-49-1 | 33'45'-TetraCB-(78) | 0.00072 U | 0.00072 | | 0.0098 |
| 41464-48-6 | 33'45'-TetraCB-(79) | 0.00064 U | 0.00064 | | 0.0098 |
| 34883-43-7 | 2,4'-DiCB-(8) | 0.0074 U | 0.0074 | | 0.0098 |
| 33284-52-5 | 33'55'-TetraCB-(80) | 0.00062 U | 0.00062 | | 0.0098 |
| 70362-50-4 | 344'5'-TetraCB-(81) | 0.0011 U | 0.0011 | 0.000000330 | 0.0098 |
| 52663-62-4 | 22'33'4'-PentaCB-(82) | 0.0029 J | 0.0013 | | 0.0098 |
| 60145-20-2 | PentaCB-(83)+(99) | 0.0700 | 0.0012 | | 0.020 |
| 52663-60-2 | 22'33'6'-PentaCB-(84) | 0.0063 J | 0.0013 | | 0.0098 |
| 65510-45-4 | PentaCB-(85)+(116)+(117) | 0.0116 J | 0.00091 | | 0.030 |
| 55312-69-1 | PentaCB-(86)(87)(97)(109)(119)(125) | 0.0249 J | 0.00099 | | 0.059 |
| 55215-17-3 | PentaCB-(88)+(91) | 0.0038 J | 0.0011 | | 0.020 |
| 73575-57-2 | 22'346'-PentaCB-(89) | 0.0012 U | 0.0012 | | 0.0098 |
| 34883-39-1 | 2,5-DiCB-(9) | 0.0078 U | 0.0078 | | 0.0098 |
| 68194-07-0 | PentaCB-(90)+(101)+(113) | 0.0761 | 0.00099 | | 0.030 |
| 52663-61-3 | 22'355'-PentaCB-(92) | 0.0159 | 0.0011 | | 0.0098 |
| 73575-56-1 | PentaCB-(93)+(98)+(100)+(102) | 0.0044 J | 0.0011 | | 0.039 |
| 73575-55-0 | 22'356'-PentaCB-(94) | 0.0013 U | 0.0013 | | 0.0098 |
| 38379-99-6 | 22'35'6'-PentaCB-(95) | 0.0365 | 0.0010 | | 0.0098 |
| 73575-54-9 | 22'366'-PentaCB-(96) | 0.00054 U | 0.00054 | | 0.0098 |
| CAS Number | Compound | Concentration (ng/g) | # of peaks | | |
| 1336-36-3 | Total PCB | 1.29 | | | |
| NA | Total TEQ | 0.000161 | | | |
| CAS Number | Surrogate | Recovery (%) | Acceptance Criteria (%) | | |
| | C13-2-MonoCB-(1) | 37 | 15 - 140 | | |
| | C13-22'466'-PentaCB-(104) | 94 | 30 - 140 | | |
| | C13-233'44'-PentaCB-(105) | 89 | 30 - 140 | | |
| | C13-233'55'-PentaCB-(111) | 87 | 40 - 125 | | |
| | C13-2344'5'-PentaCB-(114) | 88 | 30 - 140 | | |
| | C13-23'44'5'-PentaCB-(118) | 87 | 30 - 140 | | |
| | C13-2'344'5'-PentaCB-(123) | 86 | 30 - 140 | | |
| | C13-33'44'5'-PentaCB-(126) | 71 | 30 - 140 | | |
| | C13-44'-DiCB-(15) | 68 | 30 - 140 | | |
| | C13-22'44'66'-HexaCB-(155) | 114 | 30 - 140 | | |
| | C13-HexaCB-(156)+(157) | 78 | 30 - 140 | | |
| | C13-23'44'55'-HexaCB-(167) | 82 | 30 - 140 | | |
| | C13-33'44'55'-HexaCB-(169) | 46 | 30 - 140 | | |
| | C13-22'33'44'5'-HeptaCB-(170) | 139 | 30 - 140 | | |
| | C13-22'33'55'6'-HeptaCB-(178) | 98 | 40 - 125 | | |
| | C13-22'344'55'-HeptaCB-(180) | 150 Q | 30 - 140 | | |
| | C13-22'34'566'-HeptaCB-(188) | 104 | 30 - 140 | | |
| | C13-233'44'55'-HeptaCB-(189) | 122 | 30 - 140 | | |
| | C13-22'6'-TriCB-(19) | 64 | 30 - 140 | | |
| | C13-22'33'55'66'-OctaCB-(202) | 100 | 30 - 140 | | |
| | C13-233'44'55'6'-OctaCB-(205) | 90 | 30 - 140 | | |
| | C13-22'33'44'55'6'-NonaCB-(206) | 86 | 30 - 140 | | |

PG-SMA-1-3-161011 16J0187

| | | | | |
|-------------------------------|------------------------------|-----------------|------------------|--------------------------|
| Lab Name | <u>Maxxam Analytics Inc.</u> | | Lab Sample ID: | <u>B6N4556-DIS276</u> |
| Method | <u>EPA 1668A m</u> | | Project Number: | <u>PORT GAMBLE</u> |
| Matrix: | <u>tissue</u> | | Project Name: | <u></u> |
| Sample wt/vol: | <u>10.16</u> | (g) | Lab File ID: | <u>M2161205B13</u> |
| Level (low/med): | <u>low</u> | | Date Received: | <u>October 28, 2016</u> |
| % Moisture: | <u>Not applicable</u> | Decanted (Y/N): | Date Extracted: | <u>November 28, 2016</u> |
| Concentrated Extract Volume: | <u>100</u> | (uL) | Lab Batch: | <u>4779396</u> |
| Injection Volume: | <u>1</u> | (uL) | Date Analyzed: | <u>December 6, 2016</u> |
| Acid/Base Wash Cleanup (Y/N): | <u>N</u> | | Calib. Ref.: | <u>November 29, 2016</u> |
| Silica Column Cleanup (Y/N): | <u>Y</u> | | Time Analyzed: | <u>05:40</u> |
| Alumina Column Cleanup (Y/N): | <u>N</u> | | Dilution Factor: | <u>1</u> |
| Carbon Column Cleanup (Y/N): | <u>N</u> | | | |
| GPC Column Cleanup (Y/N): | <u>N</u> | | | |
| | | pH | | <u>Not analyzed</u> |

| CAS Number | Compound | Concentration (%) | EDL (%) | TE (%) | REPORTING LIMIT (%) |
|-------------|--------------------------------|-------------------|-------------------------|--------|---------------------|
| CAS Number | Surrogate | Recovery (%) | Acceptance Criteria (%) | | |
| | C13-22'33'455'66'-NonaCB-(208) | 117 | 30 - 140 | | |
| 105600-27-9 | C13-DecaCB-(209) | 83 | 30 - 140 | | |
| | C13-2,44'-TriCB-(28) | 84 | 40 - 125 | | |
| | C13-4-MonoCB-(3) | 39 | 15 - 140 | | |
| | C13-344'-TriCB-(37) | 85 | 30 - 140 | | |
| | C13-22'-DiCB-(4) | 48 | 30 - 140 | | |
| | C13-22'66'-TetraCB-(54) | 82 | 30 - 140 | | |
| | C13-33'44'-TetraCB-(77) | 81 | 30 - 140 | | |
| | C13-344'5-TetraCB-(81) | 82 | 30 - 140 | | |

* Final Data *

BR ✓

Filename M2161205B13
 Acquired 12/06/2016 5:40
 Call File m2161205B_209

Sample ID **DIS276-01R**
 Comments
 Instrument File Ultima 3
 Sample Size 10.163

From 5X Dilution

Dil Fac 1.00

| Name | mass | RT | Area | ratio | Tot Area | ng/g | Code | Isomers | DL | S/N | Mod | rrf | Rec |
|--------------|-----------|--------|-------|-------|----------|----------|------|---------|----------|-----|------|-------|-----|
| 1 PCB 1 | 188 | NotFnd | * | * | * | -0.00133 | | | | | | | |
| 2 PCB 2 | MoCB 190 | 8.82 | * | no | * | -0.00102 | | | -0.00133 | * | no | 1.296 | - |
| 3 PCB 3 | 188 | NotFnd | * | * | * | -0.00135 | | | -0.00102 | * | no | 1.697 | - |
| 4 PCB 4 | MoCB 190 | 9.93 | * | no | * | -0.02495 | | | -0.00135 | * | no | 1.276 | - |
| 5 PCB 10 | 222 | NotFnd | * | * | * | -0.02953 | | | -0.02495 | * | no | 1.186 | - |
| 6 PCB 9 | DICB 224 | 10.13 | * | no | * | -0.00776 | | | -0.02953 | * | no | 1.002 | - |
| 7 PCB 7 | 222 | NotFnd | * | * | * | -0.00892 | | | -0.00776 | * | no | 2.318 | - |
| 8 PCB 6 | DICB 224 | 11.02 | * | no | * | -0.00789 | | | -0.00892 | * | no | 2.015 | - |
| 9 PCB 5 | 222 | NotFnd | * | * | * | -0.01008 | | | -0.00789 | * | no | 2.278 | - |
| 10 PCB 8 | DICB 224 | 11.20 | * | no | * | -0.00744 | | | -0.01008 | * | no | 1.783 | - |
| 11 PCB 14 | 222 | NotFnd | * | * | * | -0.00786 | | | -0.00744 | * | no | 2.416 | - |
| 12 PCB 11 | DICB 224 | 11.38 | * | no | * | -0.00826 | | | -0.00786 | * | no | 2.288 | - |
| 13 PCB 13/12 | 222 | NotFnd | * | * | * | -0.00909 | | | -0.00826 | * | Op-O | 2.176 | - |
| 14 PCB 15 | DICB 224 | 12.06 | * | no | * | -0.01725 | | | -0.00909 | * | no | 1.978 | - |
| 15 PCB 19 | 256 | NotFnd | * | * | * | -0.0025 | | | -0.01725 | * | no | 1.042 | - |
| 16 PCB 30/18 | TriCB 258 | 11.49 | * | no | * | -0.00334 | | | -0.0025 | * | no | 1.156 | - |
| 17 PCB 17 | 256 | NotFnd | * | * | * | -0.00418 | | | -0.00334 | * | yes | 0.864 | - |
| 18 PCB 27 | TriCB 258 | 12.28 | 1422 | 0.89 | 3010 | -0.00287 | | | -0.00418 | * | no | 0.691 | - |
| 19 PCB 24 | 256 | NotFnd | * | * | * | -0.00287 | | | -0.00287 | * | no | 1.006 | - |
| 20 PCB 16 | TriCB 258 | 12.30 | 1588 | * | * | -0.0036 | | | -0.0036 | * | no | 0.802 | - |
| 21 PCB 32 | 256 | NotFnd | * | * | * | -0.0047 | | | -0.0047 | * | no | 0.614 | - |
| 22 PCB 34 | TriCB 258 | 12.71 | * | no | * | -0.00262 | | | -0.0047 | * | no | 1.1 | - |
| 23 PCB 23 | 256 | NotFnd | * | * | * | -0.00038 | | | -0.00262 | * | no | 2.11 | - |
| 24 PCB 26/29 | TriCB 258 | 12.93 | * | no | * | -0.00043 | | | -0.00038 | * | no | 1.864 | - |
| 25 PCB 25 | 256 | NotFnd | * | * | * | 0.001629 | | | -0.00043 | * | no | 2.13 | - |
| 26 PCB 31 | TriCB 258 | 13.72 | 2078 | 0.95 | 4265 | 0.000922 | | | -0.00038 | 15 | no | 2.103 | - |
| 27 PCB 28/20 | 256 | NotFnd | * | * | * | 0.006508 | | | -0.00038 | 8 | no | 2.202 | - |
| 28 PCB 21/33 | TriCB 258 | 13.84 | 1148 | 0.93 | 2386 | 0.014348 | | | -0.00037 | 7 | no | 1.971 | - |
| 29 PCB 22 | 256 | NotFnd | * | * | * | 0.003537 | | | -0.00041 | 62 | no | 2.008 | - |
| 30 PCB 36 | TriCB 258 | 14.00 | 8720 | yes | 17623 | 0.00035 | | | -0.00041 | 120 | no | 1.758 | - |
| 31 PCB 39 | 256 | NotFnd | * | * | * | 0.00042 | | | -0.0004 | 128 | no | 2.334 | - |
| 32 PCB 38 | TriCB 258 | 14.29 | 4299 | 0.97 | 8733 | 0.00042 | | | -0.00046 | 28 | no | 1.922 | - |
| 33 PCB 35 | 256 | NotFnd | * | * | * | 0.00041 | | | -0.00046 | 30 | no | 1.971 | - |
| 34 PCB 37 | TriCB 258 | 14.49 | 2069 | 0.94 | 4275 | 0.00041 | | | -0.00035 | 14 | no | 2.017 | - |
| 35 PCB 54 | 256 | NotFnd | * | * | * | 0.00056 | | | -0.00035 | 16 | no | 1.02 | - |
| 36 PCB 53/50 | TriCB 258 | 14.46 | 2206 | yes | 4275 | 0.00167 | | | -0.00042 | * | no | 0.872 | - |
| 37 PCB 45/51 | 256 | NotFnd | * | * | * | 0.00124 | | | -0.00042 | * | no | 0.826 | - |
| 38 PCB 46 | TriCB 258 | 15.29 | * | no | * | 0.00253 | | | -0.00041 | * | no | 0.727 | - |
| 39 PCB 52 | 256 | NotFnd | * | * | * | 0.00257 | | | -0.00041 | * | no | 0.905 | - |
| 40 PCB 73 | TriCB 258 | 15.51 | * | no | * | 0.00257 | | | -0.0004 | * | no | 1.116 | - |
| 41 PCB 43 | 256 | NotFnd | * | * | * | 0.00257 | | | -0.0004 | * | no | 0.537 | - |
| 42 PCB 69/49 | TriCB 258 | 15.86 | * | no | * | 0.00939 | | | -0.00257 | * | no | 0.976 | - |
| | 290 | NotFnd | * | * | * | | | | -0.00142 | 24 | no | | - |
| | TCB 292 | 12.88 | * | no | * | | | | | 23 | | | |
| | 290 | NotFnd | * | * | * | | | | | | | | |
| | TCB 292 | 13.86 | 1707 | 0.8 | 3846 | | | | | | | | |
| | 290 | NotFnd | * | * | * | | | | | | | | |
| | TCB 292 | 13.89 | 2139 | yes | | | | | | | | | |
| | 290 | NotFnd | * | * | * | | | | | | | | |
| | TCB 292 | 14.20 | 558 | 0.75 | 1300 | | | | | | | | |
| | 290 | NotFnd | * | * | * | | | | | | | | |
| | TCB 292 | 14.24 | 742 | no | | | | | | | | | |
| | 290 | NotFnd | * | * | * | | | | | | | | |
| | TCB 292 | 14.37 | 305 | 0.54 | 871 | | | | | | | | |
| | 290 | NotFnd | * | * | * | | | | | | | | |
| | TCB 292 | 14.39 | 566 | no | | | | | | | | | |
| | 290 | NotFnd | * | * | * | | | | | | | | |
| | TCB 292 | 15.10 | 12985 | 0.77 | 29924 | | | | | | | | |
| | 290 | NotFnd | * | * | * | | | | | | | | |
| | TCB 292 | 15.10 | 16939 | yes | | | | | | | | | |
| | 290 | NotFnd | * | * | * | | | | | | | | |
| | TCB 292 | 15.18 | * | no | * | | | | | | | | |
| | 290 | NotFnd | * | * | * | | | | | | | | |
| | TCB 292 | 15.25 | * | no | * | | | | | | | | |
| | 290 | NotFnd | * | * | * | | | | | | | | |
| | TCB 292 | 15.37 | 4248 | 0.78 | 9713 | | | | | | | | |
| | 290 | NotFnd | * | * | * | | | | | | | | |
| | TCB 292 | 15.37 | 5465 | yes | | | | | | | | | |

| | | | | | | | | | | | |
|---------------------|----------|--------|----------|------|----------|----------|----------|-----|-----|-------|---|
| 90 PCB 122 | 326 | NotFnd | * | * | * | -0.00097 | -0.00097 | * | no | 1.418 | - |
| | PeCB 328 | 23.63 | * | no | * | | | * | | | |
| 91 PCB 114 | 326 | NotFnd | * | * | * | -0.00128 | -0.00128 | * | no | 1.076 | - |
| | PeCB 328 | 23.79 | * | no | * | | | * | | | |
| 92 PCB 105 | 326 | 24.36 | 15236 | 1.57 | 24957 | 0.018404 | -0.00132 | 37 | no | 1.04 | - |
| | PeCB 328 | 24.37 | 9721 | yes | * | | | 37 | | | |
| 93 PCB 127 | 326 | NotFnd | * | * | * | -0.00087 | -0.00087 | * | no | 1.583 | - |
| | PeCB 328 | 25.66 | * | no | * | | | * | | | |
| 94 PCB 126 | 326 | NotFnd | * | * | * | -0.00132 | -0.00132 | * | no | 1.037 | - |
| | PeCB 328 | 27.18 | * | no | * | | | * | | | |
| 95 PCB 155 | 360 | NotFnd | * | * | * | -0.00103 | -0.00103 | * | no | 1.079 | - |
| | HxCB 362 | 19.25 | * | no | * | | | * | | | |
| 96 PCB 152 | 360 | NotFnd | * | * | * | -0.00163 | -0.00163 | * | no | 0.686 | - |
| | HxCB 362 | 19.40 | * | no | * | | | * | | | |
| 97 PCB 150 | 360 | NotFnd | * | * | * | -0.00184 | -0.00184 | * | no | 0.606 | - |
| | HxCB 362 | 19.52 | * | no | * | | | * | | | |
| 98 PCB 136 | 360 | 19.79 | 3079 | 1.12 | 5829 | 0.010418 | -0.00169 | 16 | no | 0.659 | - |
| | HxCB 362 | 19.79 | 2751 | yes | * | | | 18 | | | |
| 99 PCB 145 | 360 | NotFnd | * | * | * | -0.00196 | -0.00196 | * | no | 0.57 | - |
| | HxCB 362 | 20.02 | * | no | * | | | * | | | |
| 100 PCB 148 | 360 | NotFnd | * | * | * | -0.00227 | -0.00227 | * | no | 0.491 | - |
| | HxCB 362 | 21.11 | * | no | * | | | * | | | |
| 101 PCB 151/135 | 360 | 21.60 | 10691 | 1.32 | 18775 | 0.050011 | -0.00253 | 43 | no | 0.442 | - |
| | HxCB 362 | 21.81 | 8084 | yes | * | | | 42 | | | |
| 102 PCB 154 | 360 | 21.80 | 1459 | 1.27 | 2609 | 0.005827 | -0.00211 | 8 | no | 0.528 | - |
| | HxCB 362 | 21.81 | 1150 | yes | * | | | 7 | | | |
| 103 PCB 144 | 360 | 22.08 | 1095 | 1.27 | 1955 | 0.004914 | -0.00238 | 5 | no | 0.469 | - |
| | HxCB 362 | 22.03 | 860 | yes | * | | | 5 | | | |
| 104 PCB 147/149 | 360 | 22.35 | 29296 | 1.27 | 52327 | 0.09275 | -0.00181 | 194 | yes | 0.665 | - |
| | HxCB 362 | 22.34 | 23032 | yes | * | | | 185 | | | |
| 105 PCB 134/143 | 360 | 22.54 | 1269 | 1.14 | 2378 | 0.004728 | -0.00203 | 8 | no | 0.593 | - |
| | HxCB 362 | 22.59 | 1109 | yes | * | | | 8 | | | |
| 106 PCB 139/140 | 360 | NotFnd | * | * | * | -0.0018 | -0.0018 | * | no | 0.666 | - |
| | HxCB 362 | 22.86 | * | no | * | | | * | | | |
| 107 PCB 131 | 360 | NotFnd | * | * | * | -0.00223 | -0.00223 | * | no | 0.54 | - |
| | HxCB 362 | 23.03 | * | no | * | | | * | | | |
| 108 PCB 142 | 360 | NotFnd | * | * | * | -0.00199 | -0.00199 | * | no | 0.603 | - |
| | HxCB 362 | 23.17 | * | no | * | | | * | | | |
| 109 PCB 132 | 360 | 23.42 | 3594 | 1.34 | 6284 | 0.01401 | -0.00228 | 18 | no | 0.528 | - |
| | HxCB 362 | 23.42 | 2691 | yes | * | | | 19 | | | |
| 110 PCB 133 | 360 | 23.83 | 1296 | 1.41 | 2216 | 0.004152 | -0.00191 | 7 | no | 0.629 | - |
| | HxCB 362 | 23.82 | 920 | yes | * | | | 7 | | | |
| 111 PCB 165 | 360 | NotFnd | * | * | * | -0.00164 | -0.00164 | * | no | 0.735 | - |
| | HxCB 362 | 24.15 | * | no | * | | | * | | | |
| 112 PCB 146 | 360 | 24.41 | 12059 | 1.29 | 21414 | 0.035264 | -0.00168 | 63 | no | 0.715 | - |
| | HxCB 362 | 24.39 | 9355 | yes | * | | | 64 | | | |
| 113 PCB 161 | 360 | NotFnd | * | * | * | -0.00139 | -0.00139 | * | no | 0.864 | - |
| | HxCB 362 | 24.50 | * | no | * | | | * | | | |
| 114 PCB 153/168 | 360 | 24.95 | 73711 | 1.29 | 130950 | 0.19699 | -0.00153 | 420 | no | 0.783 | - |
| | HxCB 362 | 24.97 | 57239 | yes | * | | | 397 | | | |
| 115 PCB 141 | 360 | NotFnd | * | * | * | -0.00185 | -0.00185 | * | no | 0.648 | - |
| | HxCB 362 | 25.11 | * | no | * | | | * | | | |
| 116 PCB 130 | 360 | 25.49 | 1971 | 1.29 | 3504 | 0.007106 | -0.00207 | 11 | no | 0.581 | - |
| | HxCB 362 | 25.49 | 1533 | yes | * | | | 10 | | | |
| 117 PCB 137 | 360 | 25.72 | 601 | 1.67 | 960 | -0.00208 | -0.00208 | * | yes | 0.577 | - |
| | HxCB 362 | 25.69 | 359 | no | * | | | * | | | |
| 118 PCB 164 | 360 | 25.80 | -687 | 1.24 | -1204.9 | -0.00173 | -0.00151 | 4 | xL | 0.796 | - |
| | HxCB 362 | 25.81 | -537,903 | OK | * | | | 4 | | | |
| 119 PCB 138/163/129 | 360 | 26.09 | 44350 | 1.3 | 78508 | 0.140744 | -0.00183 | 219 | no | 0.657 | - |
| | HxCB 362 | 26.09 | 34158 | yes | * | | | 217 | | | |
| 120 PCB 160 | 360 | NotFnd | * | * | * | -0.00173 | -0.00173 | * | no | 0.695 | - |
| | HxCB 362 | 26.27 | * | no | * | | | * | | | |
| 121 PCB 158 | 360 | 26.46 | 3341 | 1.13 | 6288 | 0.00849 | -0.00138 | 18 | no | 0.872 | - |
| | HxCB 362 | 26.44 | 2947 | yes | * | | | 19 | | | |
| 122 PCB 128/166 | 360 | 27.28 | 5864 | 1.29 | 10401 | 0.017515 | -0.00172 | 27 | no | 0.7 | - |
| | HxCB 362 | 27.25 | 4537 | yes | * | | | 25 | | | |
| 123 PCB 159 | 360 | NotFnd | * | * | * | -0.00061 | -0.00061 | * | no | 1.501 | - |
| | HxCB 362 | 28.24 | * | no | * | | | * | | | |
| 124 PCB 162 | 360 | NotFnd | * | * | * | -0.00068 | -0.00068 | * | no | 1.338 | - |
| | HxCB 362 | 28.50 | * | no | * | | | * | | | |
| 125 PCB 167 | 360 | 28.98 | 2480 | 1.08 | 4771 | 0.004483 | -0.00096 | 15 | no | 0.951 | - |
| | HxCB 362 | 28.99 | 2290 | yes | * | | | 17 | | | |
| 126 PCB 156/157 | 360 | 30.12 | 3149 | 1.13 | 5928 | 0.0059 | -0.00088 | 15 | no | 1.036 | - |
| | HxCB 362 | 30.15 | 2779 | yes | * | | | 17 | | | |
| 127 PCB 169 | 360 | NotFnd | * | * | * | -0.00093 | -0.00093 | * | no | 0.973 | - |
| | HxCB 362 | 33.51 | * | no | * | | | * | | | |
| 128 PCB 188 | 394 | NotFnd | * | * | * | -0.00151 | -0.00151 | * | no | 1.053 | - |
| | HpCB 396 | 23.77 | * | no | * | | | * | | | |
| 129 PCB 179 | 394 | 24.07 | 3483 | 1.11 | 6629 | 0.012204 | -0.00162 | 15 | no | 0.98 | - |
| | HpCB 396 | 24.05 | 3146 | yes | * | | | 15 | | | |
| 130 PCB 184 | 394 | NotFnd | * | * | * | -0.00176 | -0.00176 | * | no | 0.904 | - |
| | HpCB 396 | 24.55 | * | no | * | | | * | | | |
| 131 PCB 176 | 394 | 24.85 | -726 | 1.05 | -1417.43 | -0.00272 | -0.00169 | 3 | xL | 0.939 | - |
| | HpCB 396 | 24.86 | -691,429 | OK | * | | | 4 | | | |
| 132 PCB 186 | 394 | NotFnd | * | * | * | -0.00193 | -0.00193 | * | no | 0.822 | - |
| | HpCB 396 | 25.26 | * | no | * | | | * | | | |
| 133 PCB 178 | 394 | 26.51 | -1883.7 | 1.05 | -3677.7 | -0.01 | -0.00239 | 9 | xL | 0.663 | - |
| | HpCB 396 | 26.52 | -1794 | OK | * | | | 8 | | | |
| 134 PCB 175 | 394 | NotFnd | * | * | * | -0.00228 | -0.00228 | * | no | 0.695 | - |
| | HpCB 396 | 27.12 | * | no | * | | | * | | | |
| 135 PCB 187 | 394 | 27.36 | 11942 | 1.1 | 22773 | 0.063488 | -0.00245 | 50 | no | 0.647 | - |
| | HpCB 396 | 27.38 | 10832 | yes | * | | | 46 | | | |
| 136 PCB 182 | 394 | NotFnd | * | * | * | -0.00236 | -0.00236 | * | no | 0.873 | - |
| | HpCB 396 | 27.59 | * | no | * | | | * | | | |

| | | | | | | | | | | | | |
|-------------------|----------|--------|---------|------|---------|----------|-------------|----------|-----|-------|------|---|
| 137 PCB 183 | 394 | 27.96 | 5576 | 1.03 | 10990 | 0.017416 | -0.00114 | 43 | yes | 1.138 | - | |
| | HpCB 396 | 27.95 | 5414 | yes | | | | 48 | | | | |
| 138 PCB 185 | 394 | NotFnd | * | * | * | -0.00175 | -0.00175 | * | no | 0.743 | - | |
| | HpCB 396 | 28.04 | * | no | * | | | * | | | | |
| 139 PCB 174 | 394 | NotFnd | * | * | * | -0.0015 | -0.0015 | * | no | 0.867 | - | |
| | HpCB 396 | 28.17 | * | no | * | | | * | | | | |
| 140 PCB 177 | 394 | 28.62 | 3451 | 0.96 | 7042 | 0.014535 | -0.00149 | 31 | no | 0.874 | - | |
| | HpCB 396 | 28.64 | 3591 | yes | * | | | 32 | | | | |
| 141 PCB 181 | 394 | NotFnd | * | * | * | -0.00153 | -0.00153 | * | no | 0.85 | - | |
| | HpCB 396 | 29.02 | * | no | * | | | * | | | | |
| 142 PCB 171/173 | 394 | 29.25 | 1878 | 1.13 | 3536 | 0.007292 | -0.00149 | 14 | no | 0.875 | - | |
| | HpCB 396 | 29.24 | 1658 | yes | * | | | 14 | | | | |
| 143 PCB 172 | 394 | NotFnd | * | * | * | -0.0015 | -0.0015 | * | no | 0.866 | - | |
| | HpCB 396 | 30.88 | * | no | * | | | * | | | | |
| 144 PCB 192 | 394 | NotFnd | * | * | * | -0.00133 | -0.00133 | * | no | 0.979 | - | |
| | HpCB 396 | 31.20 | * | no | * | | | * | | | | |
| 145 PCB 193/180 | 394 | 31.56 | 4804 | 1.15 | 8993 | 0.015166 | -0.00098 | 35 | no | 1.333 | - | |
| | HpCB 396 | 31.54 | 4189 | yes | * | | | 31 | | | | |
| 146 PCB 191 | 394 | NotFnd | * | * | * | -0.00113 | -0.00113 | * | no | 1.152 | - | |
| | HpCB 396 | 31.92 | * | no | * | | | * | | | | |
| 147 PCB 170 | 394 | NotFnd | * | * | * | -0.00108 | -0.00108 | * | no | 1.206 | - | |
| | HpCB 396 | 32.88 | * | no | * | | | * | | | | |
| 148 PCB 190 | 394 | NotFnd | * | * | * | -0.0012 | -0.0012 | * | no | 1.089 | - | |
| | HpCB 396 | 33.44 | * | no | * | | | * | | | | |
| 149 PCB 189 | 394 | NotFnd | * | * | * | -0.00113 | -0.00113 | * | no | 0.91 | - | |
| | HpCB 396 | 36.26 | * | no | * | | | * | | | | |
| 150 PCB 202 | 428 | 28.73 | -334.64 | 0.89 | -710.64 | -0.00307 | PCB 202 NDR | -0.00164 | 7 | xL | 1.08 | - |
| | OcCB 430 | 28.70 | -376 | OK | | | | 6 | | | | |
| 151 PCB 201 | 428 | 29.63 | 242 | 0.92 | 504 | 0.001929 | -0.00158 | 4 | yes | 1.123 | - | |
| | OcCB 430 | 29.59 | 262 | yes | * | | | 3 | | | | |
| 152 PCB 204 | 428 | NotFnd | * | * | * | -0.00158 | -0.00158 | * | no | 1.12 | - | |
| | OcCB 430 | 30.31 | * | no | * | | | * | | | | |
| 153 PCB 197 | 428 | NotFnd | * | * | * | -0.00184 | -0.00184 | * | no | 0.962 | - | |
| | OcCB 430 | 30.51 | * | no | * | | | * | | | | |
| 154 PCB 200 | 428 | NotFnd | * | * | * | -0.00157 | -0.00157 | * | no | 1.125 | - | |
| | OcCB 430 | 30.62 | * | no | * | | | * | | | | |
| 155 PCB 198/199 | 428 | NotFnd | * | * | * | -0.00241 | -0.00241 | * | no | 0.735 | - | |
| | OcCB 430 | 33.55 | * | no | * | | | * | | | | |
| 156 PCB 196 | 428 | NotFnd | * | * | * | -0.00229 | -0.00229 | * | no | 0.774 | - | |
| | OcCB 430 | 34.29 | * | no | * | | | * | | | | |
| 157 PCB 203 | 428 | 34.50 | 216 | 1.33 | 379 | -0.00237 | -0.00237 | * | yes | 0.747 | - | |
| | OcCB 430 | 34.52 | 163 | no | * | | | * | | | | |
| 158 PCB 195 | 428 | NotFnd | * | * | * | -0.00281 | -0.00281 | * | no | 0.953 | - | |
| | OcCB 430 | 35.93 | * | no | * | | | * | | | | |
| 159 PCB 194 | 428 | NotFnd | * | * | * | -0.00258 | -0.00258 | * | no | 1.037 | - | |
| | OcCB 430 | 38.54 | * | no | * | | | * | | | | |
| 160 PCB 205 | 428 | NotFnd | * | * | * | -0.00166 | -0.00166 | * | no | 1.071 | - | |
| | OcCB 430 | 39.13 | * | no | * | | | * | | | | |
| 161 PCB 208 | 462 | NotFnd | * | * | * | -0.00161 | -0.00161 | * | no | 1.082 | - | |
| | NoCB 464 | 35.75 | * | no | * | | | * | | | | |
| 162 PCB 207 | 462 | NotFnd | * | * | * | -0.00132 | -0.00132 | * | no | 1.324 | - | |
| | NoCB 464 | 36.79 | * | no | * | | | * | | | | |
| 163 PCB 206 | 462 | NotFnd | * | * | * | -0.00162 | -0.00162 | * | no | 1.077 | - | |
| | NoCB 464 | 41.10 | * | no | * | | | * | | | | |
| 164 PCB 209 | 498 | NotFnd | * | * | * | -0.0032 | -0.0032 | * | no | 1.024 | - | |
| | DCB 500 | 42.98 | * | no | * | | | * | | | | |
| 165 PCB 1L | 200 | 8.82 | 104510 | 3.3 | 136188 | 0.072692 | 0 | 1657 | no | 0.821 | 37 | |
| | 202 | 8.82 | 31678 | yes | | | | 208 | | | | |
| 166 PCB 3L | 200 | 10.01 | 113748 | 3.45 | 146671 | 0.077674 | 0 | 2002 | no | 0.828 | 39 | |
| | 202 | 9.99 | 32923 | yes | | | | 240 | | | | |
| 167 PCB 4L | 234 | 10.13 | 36926 | 1.57 | 60477 | 0.094154 | 0.001 | 253 | no | 0.282 | 48 | |
| | 236 | 10.09 | 23551 | yes | | | | 474 | | | | |
| 168 PCB 15L | 234 | 12.71 | 203115 | 1.7 | 322730 | 0.132984 | 0.001 | 441 | no | 1.064 | 68 | |
| | 236 | 12.70 | 119615 | yes | | | | 856 | | | | |
| 169 PCB 19L | 268 | 11.49 | 46898 | 0.91 | 98571 | 0.125169 | 0.006 | 90 | no | 0.345 | 64 | |
| | 270 | 11.47 | 51673 | yes | | | | 45 | | | | |
| 170 PCB 37L | 268 | 16.36 | 202817 | 1.11 | 385433 | 0.167368 | 0.003 | 252 | no | 2.614 | 85 | |
| | 270 | 16.36 | 182616 | yes | | | | 144 | | | | |
| 171 PCB 54L | 302 | 12.85 | 47048 | 0.77 | 107901 | 0.161566 | 0.001 | 348 | no | 0.758 | 82 | |
| | 304 | 12.85 | 60853 | yes | | | | 579 | | | | |
| 172 PCB 81L | 302 | 20.97 | 120499 | 0.83 | 266182 | 0.161049 | 0 | 610 | no | 1.876 | 82 | |
| | 304 | 20.98 | 145683 | yes | | | | 1276 | | | | |
| 173 PCB 77L | 302 | 21.41 | 111579 | 0.8 | 251425 | 0.158647 | 0 | 559 | no | 1.799 | 81 | |
| | 304 | 21.43 | 139847 | yes | | | | 1183 | | | | |
| 174 PCB 104L | 338 | 15.63 | 77824 | 1.65 | 125023 | 0.185677 | 0 | 6022 | no | 0.967 | 94 | |
| | 340 | 15.62 | 47199 | yes | | | | 2529 | | | | |
| 175 PCB 123L | 338 | 23.01 | 170520 | 1.7 | 270928 | 0.169619 | 0 | 3241 | no | 2.293 | 86 | |
| | 340 | 23.03 | 100408 | yes | | | | 1037 | | | | |
| 176 PCB 118L | 338 | 23.30 | 164733 | 1.69 | 262199 | 0.170865 | 0 | 3226 | no | 2.203 | 87 | |
| | 340 | 23.30 | 97466 | yes | | | | 1031 | | | | |
| 177 PCB 114L | 338 | 23.76 | 155614 | 1.69 | 247681 | 0.173526 | 0 | 2954 | no | 2.049 | 88 | |
| | 340 | 23.78 | 92067 | yes | | | | 943 | | | | |
| 178 PCB 105L | 338 | 24.32 | 160626 | 1.67 | 256511 | 0.174213 | 0 | 3067 | no | 2.114 | 89 | |
| | 340 | 24.34 | 95684 | yes | | | | 965 | | | | |
| 179 PCB 126L | 338 | 27.16 | 126987 | 1.68 | 202616 | 0.140062 | 0 | 2232 | no | 2.077 | 71 | |
| | 340 | 27.15 | 76629 | yes | | | | 708 | | | | |
| 180 PCB 155L | 372 | 19.23 | 79859 | 1.28 | 142346 | 0.22525 | 0 | 2814 | no | 1.056 | 114 | |
| | 374 | 19.24 | 62487 | yes | | | | 1772 | | | | |
| 181 PCB 167L | 372 | 28.96 | 125173 | 1.32 | 220185 | 0.162238 | 0 | 2695 | no | 2.269 | 82 | |
| | 374 | 28.99 | 95012 | yes | | | | 1423 | | | | |
| 182 PCB 156L/167L | 372 | 30.12 | 216801 | 1.32 | 381728 | 0.307554 | 0 | 3732 | no | 2.075 | 78 | |
| | 374 | 30.14 | 164926 | yes | | | | 1992 | | | | |
| 183 PCB 169L | 372 | 33.48 | 64315 | 1.27 | 114790 | 0.089558 | 0 | 1283 | yes | 2.142 | 46 | |
| | 374 | 33.47 | 50475 | yes | | | | 694 | | | | |

| | | | | | | | | | | | |
|-----------------------|-----|--------|--------|------|----------|----------|-------|----------|----|-------|-----|
| 184 PCB 188L | 406 | 23.75 | 68981 | 1.04 | 135010 | 0.204523 | 0 | 1556 | no | 1.103 | 104 |
| | 408 | 23.75 | 66028 | yes | | | | 59262 | | | |
| 185 PCB 180L | 406 | 31.54 | 45275 | 1.07 | 87528 | 0.295284 | 0.001 | 845 | no | 1.219 | 150 |
| | 408 | 31.56 | 42253 | yes | | | | 1234 | | | |
| 186 PCB 170L | 406 | 32.85 | 36555 | 1.02 | 72539 | 0.273046 | 0.001 | 684 | no | 1.093 | 139 |
| | 408 | 32.87 | 35983 | yes | | | | 1080 | | | |
| 187 PCB 189L | 406 | 36.23 | 72238 | 1.05 | 141260 | 0.239811 | 0.001 | 677 | no | 2.422 | 122 |
| | 408 | 36.23 | 69022 | yes | | | | 1204 | | | |
| 188 PCB 202L | 440 | 28.67 | 19490 | 0.87 | 41995 | 0.195896 | 0.001 | 626 | no | 1.19 | 100 |
| | 442 | 28.66 | 22505 | yes | | | | 649 | | | |
| 189 PCB 205L | 440 | 39.10 | 30698 | 0.93 | 63726 | 0.177366 | 0.001 | 1153 | no | 1.478 | 90 |
| | 442 | 39.13 | 33028 | yes | | | | 842 | | | |
| 190 PCB 208L | 474 | 35.72 | 27490 | 0.74 | 64916 | 0.230313 | 0.001 | 1622 | no | 1.159 | 117 |
| | 476 | 35.73 | 37426 | yes | | | | 441 | | | |
| 191 PCB 206L | 474 | 41.10 | 14628 | 0.77 | 33498 | 0.169217 | 0.002 | 865 | no | 0.814 | 86 |
| | 476 | 41.09 | 18870 | yes | | | | 221 | | | |
| 192 PCB 209L | 510 | 42.94 | 15356 | 1.05 | 29953 | 0.163213 | 0.001 | 755 | no | 0.755 | 83 |
| | 512 | 42.94 | 14697 | yes | | | | 788 | | | |
| 193 PCB 28L | 268 | 14.15 | 233366 | 1.09 | 448229 | 0.182997 | 0.002 | 301 | no | 2.78 | 84 |
| PCB Cleanup Standard | 270 | 14.15 | 214862 | yes | | | | 172 | | | |
| 194 PCB 111L | 338 | 21.41 | 108979 | 1.64 | 175501 | 0.18913 | 0 | 2939 | no | 1.332 | 87 |
| PCB Cleanup Standard | 340 | 21.42 | 86522 | yes | | | | 1622 | | | |
| 195 PCB 178L | 406 | 26.48 | 43270 | 1.08 | 83360 | 0.214204 | 0 | 901 | no | 0.65 | 98 |
| PCB Cleanup Standard | 408 | 26.49 | 40089 | yes | | | | 33028 | | | |
| 196 PCB 31L | 268 | NotFnd | * | * | * | | 0.002 | | no | 2.775 | |
| PCB Audit Standard | 270 | 13.99 | * | no | | | | | | | |
| 197 PCB 95L | 338 | NotFnd | * | * | * | | 0 | | no | 0.967 | |
| PCB Audit Standard | 340 | 17.41 | * | no | | | | | | | |
| 198 PCB 153L | 372 | 24.92 | 2316 | 1.26 | 4154 | 0.005832 | 0 | 55 | no | 1.191 | 3 |
| PCB Audit Standard | 374 | 24.92 | 1839 | yes | | | | 52 | | | |
| 199 PCB 9L | 234 | 11.01 | 166448 | 1.68 | 2493645 | 9.482878 | - | 3445 | no | - | - |
| PCB Recovery Standard | 236 | 11.03 | 929157 | yes | | | | 6808 | | | |
| 200 PCB 52L | 302 | 15.08 | 428760 | 0.8 | 963201 | 9.629996 | - | 3510 | no | - | - |
| PCB Recovery Standard | 304 | 15.08 | 534441 | yes | | | | 6081 | | | |
| 201 PCB 101L | 338 | 19.38 | 477171 | 1.68 | 761504 | 9.127614 | - | 13927 | no | - | - |
| PCB Recovery Standard | 340 | 19.40 | 284333 | yes | | | | 7630 | | | |
| 202 PCB 138L | 372 | 26.07 | 369051 | 1.29 | 653984 | 7.725038 | - | 9185 | no | - | - |
| PCB Recovery Standard | 374 | 26.09 | 284933 | yes | | | | 7862 | | | |
| 203 PCB 194L | 440 | 38.58 | 126629 | 0.91 | 265811 | 3.581949 | - | 4652 | no | - | - |
| PCB Recovery Standard | 442 | 38.61 | 139182 | yes | | | | 3601 | | | |
| Chlorobiphenyls | | | | | -0.00135 | | 0 | -0.00135 | | | |
| Dichlorobiphenyls | | | | | -0.02953 | | 0 | -0.02953 | | | |
| Trichlorobiphenyls | | | | | 0.031451 | | 7 | -0.0047 | | | |
| Tetrachlorobiphenyls | | | | | 0.142592 | | 14 | -0.00257 | | | |
| Pentachlorobiphenyls | | | | | 0.384862 | | 16 | -0.00145 | | | |
| Hexachlorobiphenyls | | | | | 0.603302 | | 16 | -0.00253 | | | |
| Heptachlorobiphenyls | | | | | 0.130101 | | 6 | -0.00245 | | | |
| Octachlorobiphenyls | | | | | 0.001929 | | 1 | -0.00281 | | | |
| Nonachlorobiphenyls | | | | | -0.00162 | | 0 | -0.00162 | | | |
| Decachlorobiphenyl | | | | | -0.0032 | | 0 | -0.0032 | | | |
| PCB (total) | | | | | 1.294237 | | | | | | |

* Initial Data *

HIGH REC.

BV 2016/2/14

Filename M2161205B13
Acquired 12/06/2016 5:40
Call File m2161205B_209

Sample ID DIS276-01R
Comments
Instrument File Ultima 3
Sample Size 10.163
Dil Fac 1.00

| Name | mass | RT | Area | ratio | Tot Area | ng/g | Code | Isomers | DL | S/N | Mod | rf | Rec |
|--------------|-----------|--------|-------|-------|----------|----------|------|---------|----------|-----|------|-------|-----|
| 1 PCB 1 | 188 | NotFnd | * | * | * | -0.00133 | | | -0.00133 | * | no | 1.296 | - |
| | MoCB 190 | 8.82 | * | no | * | | | | | * | | | |
| 2 PCB 2 | 188 | NotFnd | * | * | * | -0.00102 | | | -0.00102 | * | no | 1.697 | - |
| | MoCB 190 | 9.93 | * | no | * | | | | | * | | | |
| 3 PCB 3 | 188 | NotFnd | * | * | * | -0.00135 | | | -0.00135 | * | no | 1.276 | - |
| | MoCB 190 | 10.01 | * | no | * | | | | | * | | | |
| 4 PCB 4 | 222 | NotFnd | * | * | * | -0.02495 | | | -0.02495 | * | no | 1.186 | - |
| | DICB 224 | 10.13 | * | no | * | | | | | * | | | |
| 5 PCB 10 | 222 | NotFnd | * | * | * | -0.02953 | | | -0.02953 | * | no | 1.002 | - |
| | DICB 224 | 10.22 | * | no | * | | | | | * | | | |
| 6 PCB 9 | 222 | NotFnd | * | * | * | -0.00776 | | | -0.00776 | * | no | 2.318 | - |
| | DICB 224 | 11.02 | * | no | * | | | | | * | | | |
| 7 PCB 7 | 222 | NotFnd | * | * | * | -0.00892 | | | -0.00892 | * | no | 2.016 | - |
| | DICB 224 | 11.10 | * | no | * | | | | | * | | | |
| 8 PCB 6 | 222 | NotFnd | * | * | * | -0.00789 | | | -0.00789 | * | no | 2.278 | - |
| | DICB 224 | 11.20 | * | no | * | | | | | * | | | |
| 9 PCB 5 | 222 | NotFnd | * | * | * | -0.01008 | | | -0.01008 | * | no | 1.783 | - |
| | DICB 224 | 11.32 | * | no | * | | | | | * | | | |
| 10 PCB 8 | 222 | NotFnd | * | * | * | -0.00744 | | | -0.00744 | * | no | 2.416 | - |
| | DICB 224 | 11.38 | * | no | * | | | | | * | | | |
| 11 PCB 14 | 222 | NotFnd | * | * | * | -0.00786 | | | -0.00786 | * | no | 2.288 | - |
| | DICB 224 | 12.06 | * | no | * | | | | | * | | | |
| 12 PCB 11 | 222 | 12.42 | 10325 | 1.31 | 18200 | -0.00826 | | | -0.00826 | * | Op-O | 2.176 | - |
| | DICB 224 | 12.43 | 7875 | no | * | | | | | * | | | |
| 13 PCB 13/12 | 222 | NotFnd | * | * | * | -0.00909 | | | -0.00909 | * | no | 1.978 | - |
| | DICB 224 | 12.57 | * | no | * | | | | | * | | | |
| 14 PCB 15 | 222 | NotFnd | * | * | * | -0.01725 | | | -0.01725 | * | no | 1.042 | - |
| | DICB 224 | 12.71 | * | no | * | | | | | * | | | |
| 15 PCB 19 | 256 | NotFnd | * | * | * | -0.0025 | | | -0.0025 | * | no | 1.156 | - |
| | TriCB 258 | 11.49 | * | no | * | | | | | * | | | |
| 16 PCB 30/18 | 256 | 12.28 | 1422 | 0.89 | 3010 | -0.00334 | | | -0.00334 | * | yes | 0.864 | - |
| | TriCB 258 | 12.30 | 1588 | no | * | | | | | * | | | |
| 17 PCB 17 | 256 | NotFnd | * | * | * | -0.00418 | | | -0.00418 | * | no | 0.691 | - |
| | TriCB 258 | 12.48 | * | no | * | | | | | * | | | |
| 18 PCB 27 | 256 | NotFnd | * | * | * | -0.00287 | | | -0.00287 | * | no | 1.006 | - |
| | TriCB 258 | 12.60 | * | no | * | | | | | * | | | |
| 19 PCB 24 | 256 | NotFnd | * | * | * | -0.0036 | | | -0.0036 | * | no | 0.802 | - |
| | TriCB 258 | 12.65 | * | no | * | | | | | * | | | |
| 20 PCB 16 | 256 | NotFnd | * | * | * | -0.0047 | | | -0.0047 | * | no | 0.614 | - |
| | TriCB 258 | 12.71 | * | no | * | | | | | * | | | |
| 21 PCB 32 | 256 | NotFnd | * | * | * | -0.00262 | | | -0.00262 | * | no | 1.1 | - |
| | TriCB 258 | 12.93 | * | no | * | | | | | * | | | |
| 22 PCB 34 | 256 | NotFnd | * | * | * | -0.00038 | | | -0.00038 | * | no | 2.11 | - |
| | TriCB 258 | 13.52 | * | no | * | | | | | * | | | |
| 23 PCB 23 | 256 | NotFnd | * | * | * | -0.00043 | | | -0.00043 | * | no | 1.864 | - |
| | TriCB 258 | 13.61 | * | no | * | | | | | * | | | |
| 24 PCB 26/29 | 256 | 13.72 | 2078 | 0.95 | 4265 | 0.001629 | | | -0.00038 | 15 | no | 2.13 | - |
| | TriCB 258 | 13.76 | 2187 | yes | * | | | | | 15 | | | |
| 25 PCB 25 | 256 | 13.84 | 1148 | 0.93 | 2386 | 0.000922 | | | -0.00038 | 8 | no | 2.103 | - |
| | TriCB 258 | 13.84 | 1237 | yes | * | | | | | 7 | | | |
| 26 PCB 31 | 256 | 13.99 | 8903 | 1.02 | 17623 | 0.006508 | | | -0.00037 | 62 | no | 2.202 | - |
| | TriCB 258 | 14.00 | 8720 | yes | * | | | | | 64 | | | |
| 27 PCB 28/20 | 256 | 14.15 | 17468 | 1.01 | 34772 | 0.014348 | | | -0.00041 | 120 | no | 1.971 | - |
| | TriCB 258 | 14.16 | 17304 | yes | * | | | | | 128 | | | |
| 28 PCB 21/33 | 256 | 14.29 | 4299 | 0.97 | 8733 | 0.003537 | | | -0.0004 | 28 | no | 2.008 | - |
| | TriCB 258 | 14.26 | 4434 | yes | * | | | | | 30 | | | |
| 29 PCB 22 | 256 | 14.49 | 2069 | 0.94 | 4275 | 0.001977 | | | -0.00046 | 14 | no | 1.758 | - |
| | TriCB 258 | 14.46 | 2206 | yes | * | | | | | 16 | | | |
| 30 PCB 36 | 256 | NotFnd | * | * | * | -0.00035 | | | -0.00035 | * | no | 2.334 | - |
| | TriCB 258 | 15.29 | * | no | * | | | | | * | | | |
| 31 PCB 39 | 256 | NotFnd | * | * | * | -0.00042 | | | -0.00042 | * | no | 1.922 | - |
| | TriCB 258 | 15.51 | * | no | * | | | | | * | | | |
| 32 PCB 38 | 256 | NotFnd | * | * | * | -0.00041 | | | -0.00041 | * | no | 1.971 | - |
| | TriCB 258 | 15.86 | * | no | * | | | | | * | | | |
| 33 PCB 35 | 256 | NotFnd | * | * | * | -0.0004 | | | -0.0004 | * | no | 2.017 | - |
| | TriCB 258 | 16.13 | * | no | * | | | | | * | | | |
| 34 PCB 37 | 256 | 16.36 | 2363 | 0.94 | 4882 | 0.00253 | | | -0.00082 | 15 | no | 0.985 | - |
| | TriCB 258 | 16.37 | 2519 | yes | * | | | | | 15 | | | |
| 35 PCB 54 | 290 | NotFnd | * | * | * | -0.00056 | | | -0.00056 | * | no | 1.02 | - |
| | TCB 292 | 12.88 | * | no | * | | | | | * | | | |
| 36 PCB 53/50 | 290 | 13.86 | 1707 | 0.8 | 3846 | 0.004164 | | | -0.00159 | 10 | no | 0.872 | - |
| | TCB 292 | 13.89 | 2139 | yes | * | | | | | 10 | | | |
| 37 PCB 45/51 | 290 | 14.20 | 558 | 0.75 | 1300 | -0.00167 | | | -0.00167 | * | yes | 0.826 | - |
| | TCB 292 | 14.24 | 742 | no | * | | | | | * | | | |
| 38 PCB 46 | 290 | 14.37 | 305 | 0.54 | 871 | -0.0019 | | | -0.0019 | * | yes | 0.727 | - |
| | TCB 292 | 14.39 | 566 | no | * | | | | | * | | | |
| 39 PCB 52 | 290 | 15.10 | 12985 | 0.77 | 29924 | 0.031208 | | | -0.00163 | 76 | no | 0.905 | - |
| | TCB 292 | 15.10 | 16939 | yes | * | | | | | 75 | | | |
| 40 PCB 73 | 290 | NotFnd | * | * | * | -0.00124 | | | -0.00124 | * | no | 1.116 | - |
| | TCB 292 | 15.18 | * | no | * | | | | | * | | | |
| 41 PCB 43 | 290 | NotFnd | * | * | * | -0.00257 | | | -0.00257 | * | no | 0.537 | - |
| | TCB 292 | 15.25 | * | no | * | | | | | * | | | |
| 42 PCB 69/49 | 290 | 15.37 | 4248 | 0.78 | 9713 | 0.00939 | | | -0.00142 | 24 | no | 0.976 | - |
| | TCB 292 | 15.37 | 5465 | yes | * | | | | | 23 | | | |

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| | | | | | | | | | | | | | |
|------------------------------|----------|--------|----------|-------|----------|----------|------------|--|----------|-----|-----|-------|---|
| 43 PCB 48 | 290 | 15.55 | 1378 | 0.71 | 3305 | 0.004077 | | | | | | | |
| | TCB 292 | 15.55 | 1928 | yes | | | | | -0.00181 | 8 | no | 0.765 | - |
| 44 PCB 44/47/65 | 290 | 15.67 | 10224 | 0.77 | 23508 | 0.025142 | | | | | | | |
| | TCB 292 | 15.70 | 13285 | yes | | | | | -0.00157 | 46 | no | 0.883 | - |
| 45 PCB 59/62/75 | 290 | 15.86 | 1132 | 0.75 | 2634 | 0.00225 | | | | | | | |
| | TCB 292 | 15.87 | 1502 | yes | | | | | -0.00125 | 6 | no | 1.105 | - |
| 46 PCB 42 | 290 | 15.96 | 1448 | 0.72 | 3454 | 0.004547 | | | | | | | |
| | TCB 292 | 15.98 | 2005 | yes | | | | | -0.00193 | 8 | no | 0.717 | - |
| 47 PCB 40/41/71 | 290 | 16.25 | 3638 | 0.8 | 8199 | 0.009642 | | | | | | | |
| | TCB 292 | 16.27 | 4561 | yes | | | | | -0.00172 | 20 | no | 0.803 | - |
| 48 PCB 64 | 290 | 16.39 | 1480 | 0.71 | 3574 | 0.003262 | | | | | | | |
| | TCB 292 | 16.41 | 2094 | yes | | | | | -0.00134 | 8 | no | 1.034 | - |
| 49 PCB 72 | 290 | 16.88 | 679 | 0.75 | 1587 | 0.000742 | | | | | | | |
| | TCB 292 | 16.88 | 908 | yes | | | | | -0.00066 | 3 | yes | 2.019 | - |
| 50 PCB 68 | 290 | 17.05 | -807 | 0.77 | -1855.05 | -0.00092 | PCB 68 NDR | | -0.00071 | 3 | xL | 1.893 | - |
| | TCB 292 | 17.05 | -1048.05 | OK | | | | | | 4 | | | |
| 51 PCB 57 | 290 | NotFnd | * | * | * | -0.00068 | | | -0.00068 | * | no | 1.963 | - |
| | TCB 292 | 17.34 | * | no | * | | | | | * | | | |
| 52 PCB 58 | 290 | NotFnd | * | * | * | -0.00076 | | | -0.00076 | * | no | 1.762 | - |
| | TCB 292 | 17.49 | * | no | * | | | | | * | | | |
| 53 PCB 67 | 290 | 17.59 | 457 | 0.76 | 1058 | -0.00064 | | | -0.00064 | * | yes | 2.107 | - |
| | TCB 292 | 17.59 | 601 | no | | | | | | * | | | |
| 54 PCB 63 | 290 | 17.76 | -792 | 0.77 | -1820.57 | -0.00085 | PCB 63 NDR | | -0.00066 | 4 | xL | 2.019 | - |
| | TCB 292 | 17.76 | -1028.57 | OK | | | | | | 4 | | | |
| 55 PCB 61/70/74/76 | 290 | 17.98 | 24465 | 0.75 | 57190 | 0.02972 | | | | | | | |
| | TCB 292 | 17.99 | 32725 | yes | | | | | -0.00074 | 76 | no | 1.816 | - |
| 56 PCB 66 | 290 | 18.20 | 12762 | 0.76 | 29436 | 0.013709 | | | | | | | |
| | TCB 292 | 18.20 | 16673 | yes | | | | | -0.00066 | 56 | no | 2.026 | - |
| 57 PCB 55 | 290 | NotFnd | * | * | * | -0.00079 | | | -0.00079 | * | no | 1.69 | - |
| | TCB 292 | 18.33 | * | no | * | | | | | * | | | |
| 58 PCB 56 | 290 | 18.68 | 2252 | 0.81 | 5041 | 0.002877 | | | -0.00081 | 10 | no | 1.654 | - |
| | TCB 292 | 18.66 | 2789 | yes | | | | | | 10 | | | |
| 59 PCB 60 | 290 | 18.84 | -1792.56 | 0.77 | -4120.56 | -0.00235 | PCB 60 NDR | | -0.00081 | 9 | xL | 1.85 | - |
| | TCB 292 | 18.83 | -2328 | OK | | | | | | 8 | | | |
| 60 PCB 80 | 290 | NotFnd | * | * | * | -0.00062 | | | -0.00062 | * | no | 2.158 | - |
| | TCB 292 | 19.08 | * | no | * | | | | | * | | | |
| 61 PCB 79 | 290 | NotFnd | * | * | * | -0.00064 | | | -0.00064 | * | no | 2.095 | - |
| | TCB 292 | 20.21 | * | no | * | | | | | * | | | |
| 62 PCB 78 | 290 | NotFnd | * | * | * | -0.00072 | | | -0.00072 | * | no | 1.857 | - |
| | TCB 292 | 20.65 | * | no | * | | | | | * | | | |
| 63 PCB 81 | 290 | NotFnd | * | * | * | -0.00115 | | | -0.00115 | * | no | 1.167 | - |
| | TCB 292 | 20.97 | * | no | * | | | | | * | | | |
| 64 PCB 77 | 290 | 21.43 | 1292 | 0.81 | 2892 | 0.001862 | | | -0.0011 | 5 | no | 1.216 | - |
| | TCB 292 | 21.43 | 1601 | yes | | | | | | 5 | | | |
| 65 PCB 104 | 326 | NotFnd | * | * | * | -0.0002 | | | -0.0002 | * | no | 1.188 | - |
| | PeCB 328 | 15.65 | * | no | * | | | | | * | | | |
| 66 PCB 96 | 326 | 15.86 | -266 | 1.55 | -437.613 | -0.00054 | PCB 96 NDR | | -0.00035 | 7 | xL | 0.682 | - |
| | PeCB 328 | 15.87 | -171.613 | OK | | | | | | 11 | | | |
| 67 PCB 103 | 326 | 17.00 | 713 | 1.33 | 1250 | 0.001395 | | | -0.00094 | 4 | yes | 0.759 | - |
| | PeCB 328 | 17.01 | 537 | yes | | | | | | 5 | | | |
| 68 PCB 94 | 326 | NotFnd | * | * | * | -0.00128 | | | -0.00128 | * | no | 0.555 | - |
| | PeCB 328 | 17.15 | * | no | * | | | | | * | | | |
| 69 PCB 95 | 326 | 17.42 | 17718 | 1.5 | 29565 | 0.038455 | | | -0.00103 | 114 | no | 0.687 | - |
| | PeCB 328 | 17.44 | 11848 | yes | | | | | | 116 | | | |
| 70 PCB 100/93/102/98 | 326 | 17.64 | 1953 | 1.49 | 3264 | 0.004437 | | | -0.00114 | 7 | no | 0.623 | - |
| | PeCB 328 | 17.59 | 1311 | yes | | | | | | 8 | | | |
| 71 PCB 88/91 | 326 | 17.98 | 1807 | 1.78 | 2822 | 0.003812 | | | -0.00113 | 11 | no | 0.627 | - |
| | PeCB 328 | 17.98 | 1015 | yes | | | | | | 10 | | | |
| 72 PCB 84 | 326 | 18.15 | 2495 | 1.58 | 4071 | 0.006287 | | | -0.0013 | 14 | no | 0.548 | - |
| | PeCB 328 | 18.15 | 1575 | yes | | | | | | 16 | | | |
| 73 PCB 89 | 326 | NotFnd | * | * | * | -0.00118 | | | -0.00118 | * | no | 0.604 | - |
| | PeCB 328 | 18.48 | * | no | * | | | | | * | | | |
| 74 PCB 121 | 326 | NotFnd | * | * | * | -0.00088 | | | -0.00088 | * | no | 0.81 | - |
| | PeCB 328 | 18.73 | * | no | * | | | | | * | | | |
| 75 PCB 92 | 326 | 18.97 | 6906 | 1.36 | 11969 | 0.01586 | | | -0.00111 | 40 | no | 0.639 | - |
| | PeCB 328 | 18.99 | 5064 | yes | | | | | | 46 | | | |
| 76 PCB 113/90/101 | 326 | 19.40 | 40215 | 1.66 | 64415 | 0.076143 | | | -0.00099 | 232 | no | 0.716 | - |
| | PeCB 328 | 19.40 | 24199 | yes | | | | | | 219 | | | |
| 77 PCB 83/99 | 326 | 19.83 | 29039 | 1.53 | 48042 | 0.070041 | | | -0.00122 | 157 | no | 0.581 | - |
| | PeCB 328 | 19.84 | 19003 | yes | | | | | | 159 | | | |
| 78 PCB 112 | 326 | NotFnd | * | * | * | -0.00082 | | | -0.00082 | * | no | 0.863 | - |
| | PeCB 328 | 19.95 | * | no | * | | | | | * | | | |
| 79 PCB 109/119/86/97/125/326 | 20.22 | 12464 | 1.47 | 20948 | 0.024852 | | | | -0.00099 | 45 | yes | 0.714 | - |
| | PeCB 328 | 20.23 | 8483 | yes | | | | | | 46 | | | |
| 80 PCB 117/116/85 | 326 | 20.76 | 6579 | 1.6 | 10690 | 0.011632 | | | -0.00091 | 31 | no | 0.778 | - |
| | PeCB 328 | 20.81 | 4110 | yes | | | | | | 29 | | | |
| 81 PCB 110/115 | 326 | 20.88 | 21754 | 1.53 | 35938 | 0.043867 | | | -0.00102 | 117 | no | 0.694 | - |
| | PeCB 328 | 20.92 | 14184 | yes | | | | | | 117 | | | |
| 82 PCB 82 | 326 | 21.14 | 1182 | 1.77 | 1849 | 0.002885 | | | -0.00131 | 6 | no | 0.542 | - |
| | PeCB 328 | 21.17 | 666 | yes | | | | | | 5 | | | |
| 83 PCB 111 | 326 | NotFnd | * | * | * | -0.00092 | | | -0.00092 | * | no | 0.772 | - |
| | PeCB 328 | 21.45 | * | no | * | | | | | * | | | |
| 84 PCB 120 | 326 | NotFnd | * | * | * | -0.00081 | | | -0.00081 | * | no | 0.877 | - |
| | PeCB 328 | 21.82 | * | no | * | | | | | * | | | |
| 85 PCB 108/124 | 326 | 22.74 | 1833 | 1.38 | 3158 | 0.001797 | | | -0.00092 | 5 | no | 1.488 | - |
| | PeCB 328 | 22.72 | 1325 | yes | | | | | | 6 | | | |
| 86 PCB 107 | 326 | 22.95 | 5365 | 1.32 | 9425 | 0.004798 | | | -0.00083 | 14 | yes | 1.663 | - |
| | PeCB 328 | 22.92 | 4060 | yes | | | | | | 16 | | | |
| 87 PCB 123 | 326 | NotFnd | * | * | * | -0.00145 | | | -0.00145 | * | no | 0.947 | - |
| | PeCB 328 | 23.04 | * | no | * | | | | | * | | | |
| 88 PCB 106 | 326 | NotFnd | * | * | * | -0.00094 | | | -0.00094 | * | no | 1.465 | - |
| | PeCB 328 | 23.15 | * | no | * | | | | | * | | | |
| 89 PCB 118 | 326 | 23.32 | 52320 | 1.54 | 86356 | 0.062197 | | | -0.00132 | 141 | no | 1.042 | - |
| | PeCB 328 | 23.35 | 34036 | yes | | | | | | 143 | | | |

| | | | | | | | | | | | | | |
|-----|-----------------|----------|--------|----------|------|----------|----------|-------------|----------|-----|-----|-------|---|
| 90 | PCB 122 | 326 | NotFnd | * | * | * | -0.00097 | | -0.00097 | * | no | 1.418 | - |
| | | PeCB 328 | 23.63 | * | no | | | | | * | | | |
| 91 | PCB 114 | 326 | NotFnd | * | * | * | -0.00128 | | -0.00128 | * | no | 1.076 | - |
| | | PeCB 328 | 23.79 | * | no | | | | | * | | | |
| 92 | PCB 105 | 326 | 24.36 | 16236 | 1.57 | 24957 | 0.018404 | | -0.00132 | 37 | no | 1.04 | - |
| | | PeCB 328 | 24.37 | 9721 | yes | | | | | 37 | | | |
| 93 | PCB 127 | 326 | NotFnd | * | * | * | -0.00087 | | -0.00087 | * | no | 1.583 | - |
| | | PeCB 328 | 25.66 | * | no | | | | | * | | | |
| 94 | PCB 126 | 326 | NotFnd | * | * | * | -0.00132 | | -0.00132 | * | no | 1.037 | - |
| | | PeCB 328 | 27.18 | * | no | | | | | * | | | |
| 95 | PCB 155 | 360 | NotFnd | * | * | * | -0.00103 | | -0.00103 | * | no | 1.079 | - |
| | | HxCB 362 | 19.25 | * | no | | | | | * | | | |
| 96 | PCB 152 | 360 | NotFnd | * | * | * | -0.00163 | | -0.00163 | * | no | 0.686 | - |
| | | HxCB 362 | 19.40 | * | no | | | | | * | | | |
| 97 | PCB 150 | 360 | NotFnd | * | * | * | -0.00184 | | -0.00184 | * | no | 0.606 | - |
| | | HxCB 362 | 19.52 | * | no | | | | | * | | | |
| 98 | PCB 136 | 360 | 19.79 | 3079 | 1.12 | 5829 | 0.010418 | | -0.00189 | 16 | no | 0.659 | - |
| | | HxCB 362 | 19.79 | 2751 | yes | | | | | 18 | | | |
| 99 | PCB 145 | 360 | NotFnd | * | * | * | -0.00196 | | -0.00196 | * | no | 0.57 | - |
| | | HxCB 362 | 20.02 | * | no | | | | | * | | | |
| 100 | PCB 148 | 360 | NotFnd | * | * | * | -0.00227 | | -0.00227 | * | no | 0.491 | - |
| | | HxCB 362 | 21.11 | * | no | | | | | * | | | |
| 101 | PCB 151/135 | 360 | 21.60 | 10691 | 1.32 | 18775 | 0.050011 | | -0.00253 | 43 | no | 0.442 | - |
| | | HxCB 362 | 21.61 | 8084 | yes | | | | | 42 | | | |
| 102 | PCB 154 | 360 | 21.80 | 1459 | 1.27 | 2609 | 0.005827 | | -0.00211 | 8 | no | 0.528 | - |
| | | HxCB 362 | 21.81 | 1150 | yes | | | | | 7 | | | |
| 103 | PCB 144 | 360 | 22.08 | 1095 | 1.27 | 1955 | 0.004914 | | -0.00238 | 5 | no | 0.469 | - |
| | | HxCB 362 | 22.03 | 860 | yes | | | | | 5 | | | |
| 104 | PCB 147/149 | 360 | 22.35 | 29296 | 1.27 | 52327 | 0.09275 | | -0.00181 | 194 | yes | 0.665 | - |
| | | HxCB 362 | 22.34 | 23032 | yes | | | | | 185 | | | |
| 105 | PCB 134/143 | 360 | 22.54 | 1269 | 1.14 | 2378 | 0.004728 | | -0.00203 | 8 | no | 0.593 | - |
| | | HxCB 362 | 22.59 | 1109 | yes | | | | | 8 | | | |
| 106 | PCB 139/140 | 360 | NotFnd | * | * | * | -0.0018 | | -0.0018 | * | no | 0.666 | - |
| | | HxCB 362 | 22.86 | * | no | | | | | * | | | |
| 107 | PCB 131 | 360 | NotFnd | * | * | * | -0.00223 | | -0.00223 | * | no | 0.54 | - |
| | | HxCB 362 | 23.03 | * | no | | | | | * | | | |
| 108 | PCB 142 | 360 | NotFnd | * | * | * | -0.00199 | | -0.00199 | * | no | 0.603 | - |
| | | HxCB 362 | 23.17 | * | no | | | | | * | | | |
| 109 | PCB 132 | 360 | 23.42 | 3594 | 1.34 | 6284 | 0.01401 | | -0.00228 | 18 | no | 0.528 | - |
| | | HxCB 362 | 23.42 | 2691 | yes | | | | | 19 | | | |
| 110 | PCB 133 | 360 | 23.83 | 1296 | 1.41 | 2216 | 0.004152 | | -0.00191 | 7 | no | 0.629 | - |
| | | HxCB 362 | 23.82 | 920 | yes | | | | | 7 | | | |
| 111 | PCB 165 | 360 | NotFnd | * | * | * | -0.00164 | | -0.00164 | * | no | 0.735 | - |
| | | HxCB 362 | 24.15 | * | no | | | | | * | | | |
| 112 | PCB 146 | 360 | 24.41 | 12059 | 1.29 | 21414 | 0.035264 | | -0.00168 | 63 | no | 0.715 | - |
| | | HxCB 362 | 24.39 | 9355 | yes | | | | | 64 | | | |
| 113 | PCB 161 | 360 | NotFnd | * | * | * | -0.00139 | | -0.00139 | * | no | 0.864 | - |
| | | HxCB 362 | 24.50 | * | no | | | | | * | | | |
| 114 | PCB 153/168 | 360 | 24.95 | 73711 | 1.29 | 130950 | 0.19699 | | -0.00153 | 420 | no | 0.783 | - |
| | | HxCB 362 | 24.97 | 57239 | yes | | | | | 397 | | | |
| 115 | PCB 141 | 360 | NotFnd | * | * | * | -0.00185 | | -0.00185 | * | no | 0.648 | - |
| | | HxCB 362 | 25.11 | * | no | | | | | * | | | |
| 116 | PCB 130 | 360 | 25.49 | 1971 | 1.29 | 3504 | 0.007106 | | -0.00207 | 11 | no | 0.581 | - |
| | | HxCB 362 | 25.49 | 1533 | yes | | | | | 10 | | | |
| 117 | PCB 137 | 360 | 25.72 | 601 | 1.67 | 960 | -0.00208 | | -0.00208 | * | yes | 0.577 | - |
| | | HxCB 362 | 25.69 | 359 | no | | | | | * | | | |
| 118 | PCB 164 | 360 | 25.80 | -667 | 1.24 | -1204.9 | -0.00173 | PCB 164 NDR | -0.00151 | 4 | xL | 0.796 | - |
| | | HxCB 362 | 25.81 | -537.903 | OK | | | | | 4 | | | |
| 119 | PCB 138/163/129 | 360 | 26.09 | 44350 | 1.3 | 78508 | 0.140744 | | -0.00183 | 219 | no | 0.657 | - |
| | | HxCB 362 | 26.09 | 34158 | yes | | | | | 217 | | | |
| 120 | PCB 160 | 360 | NotFnd | * | * | * | -0.00173 | | -0.00173 | * | no | 0.695 | - |
| | | HxCB 362 | 26.27 | * | no | | | | | * | | | |
| 121 | PCB 158 | 360 | 26.46 | 3341 | 1.13 | 6288 | 0.00849 | | -0.00138 | 18 | no | 0.872 | - |
| | | HxCB 362 | 26.44 | 2947 | yes | | | | | 19 | | | |
| 122 | PCB 128/166 | 360 | 27.28 | 5864 | 1.29 | 10401 | 0.017515 | | -0.00172 | 27 | no | 0.7 | - |
| | | HxCB 362 | 27.25 | 4537 | yes | | | | | 25 | | | |
| 123 | PCB 159 | 360 | NotFnd | * | * | * | -0.00061 | | -0.00061 | * | no | 1.501 | - |
| | | HxCB 362 | 28.24 | * | no | | | | | * | | | |
| 124 | PCB 162 | 360 | NotFnd | * | * | * | -0.00068 | | -0.00068 | * | no | 1.338 | - |
| | | HxCB 362 | 28.50 | * | no | | | | | * | | | |
| 125 | PCB 167 | 360 | 28.98 | 2480 | 1.08 | 4771 | 0.004483 | | -0.00096 | 15 | no | 0.951 | - |
| | | HxCB 362 | 28.99 | 2290 | yes | | | | | 17 | | | |
| 126 | PCB 156/157 | 360 | 30.12 | 3149 | 1.13 | 5928 | 0.0059 | | -0.00088 | 15 | no | 1.036 | - |
| | | HxCB 362 | 30.15 | 2779 | yes | | | | | 17 | | | |
| 127 | PCB 169 | 360 | NotFnd | * | * | * | -0.00093 | | -0.00093 | * | no | 0.973 | - |
| | | HxCB 362 | 33.51 | * | no | | | | | * | | | |
| 128 | PCB 188 | 394 | NotFnd | * | * | * | -0.00151 | | -0.00151 | * | no | 1.053 | - |
| | | HpCB 396 | 23.77 | * | no | | | | | * | | | |
| 129 | PCB 179 | 394 | 24.07 | 3483 | 1.11 | 6629 | 0.012204 | | -0.00162 | 15 | no | 0.98 | - |
| | | HpCB 396 | 24.05 | 3146 | yes | | | | | 15 | | | |
| 130 | PCB 184 | 394 | NotFnd | * | * | * | -0.00176 | | -0.00176 | * | no | 0.904 | - |
| | | HpCB 396 | 24.55 | * | no | | | | | * | | | |
| 131 | PCB 176 | 394 | 24.85 | -726 | 1.05 | -1417.43 | -0.00272 | PCB 176 NDR | -0.00169 | 3 | xL | 0.939 | - |
| | | HpCB 396 | 24.86 | -691.429 | OK | | | | | 4 | | | |
| 132 | PCB 186 | 394 | NotFnd | * | * | * | -0.00193 | | -0.00193 | * | no | 0.822 | - |
| | | HpCB 396 | 25.26 | * | no | | | | | * | | | |
| 133 | PCB 178 | 394 | 26.51 | -1883.7 | 1.05 | -3677.7 | -0.01 | PCB 178 NDR | -0.00239 | 9 | xL | 0.663 | - |
| | | HpCB 396 | 26.52 | -1794 | OK | | | | | 8 | | | |
| 134 | PCB 175 | 394 | NotFnd | * | * | * | -0.00228 | | -0.00228 | * | no | 0.695 | - |
| | | HpCB 396 | 27.12 | * | no | | | | | * | | | |
| 135 | PCB 187 | 394 | 27.36 | 11942 | 1.1 | 22773 | 0.063488 | | -0.00245 | 50 | no | 0.647 | - |
| | | HpCB 396 | 27.38 | 10832 | yes | | | | | 46 | | | |
| 136 | PCB 182 | 394 | NotFnd | * | * | * | -0.00236 | | -0.00236 | * | no | 0.673 | - |
| | | HpCB 396 | 27.59 | * | no | | | | | * | | | |

| | | | | | | | | | | | |
|-------------------|----------|--------|--------|------|--------|----------|----------|------|-----|-------|-----|
| 137 PCB 183 | 394 | 27.96 | 5576 | 1.03 | 10990 | 0.017416 | -0.00114 | 43 | yes | 1.138 | - |
| | HpCB 396 | 27.95 | 5414 | yes | | | | 48 | | | |
| 138 PCB 185 | 394 | NotFnd | * | * | * | -0.00175 | -0.00175 | * | no | 0.743 | - |
| | HpCB 396 | 28.04 | * | no | * | | | * | | | |
| 139 PCB 174 | 394 | NotFnd | * | * | * | -0.0015 | -0.0015 | * | no | 0.867 | - |
| | HpCB 396 | 28.17 | * | no | * | | | * | | | |
| 140 PCB 177 | 394 | 28.62 | 3451 | 0.96 | 7042 | 0.014535 | -0.00149 | 31 | no | 0.874 | - |
| | HpCB 396 | 28.64 | 3591 | yes | | | | 32 | | | |
| 141 PCB 181 | 394 | NotFnd | * | * | * | -0.00153 | -0.00153 | * | no | 0.85 | - |
| | HpCB 396 | 29.02 | * | no | * | | | * | | | |
| 142 PCB 171/173 | 394 | 29.25 | 1878 | 1.13 | 3536 | 0.007292 | -0.00149 | 14 | no | 0.875 | - |
| | HpCB 396 | 29.24 | 1658 | yes | * | | | 14 | | | |
| 143 PCB 172 | 394 | NotFnd | * | * | * | -0.0015 | -0.0015 | * | no | 0.866 | - |
| | HpCB 396 | 30.88 | * | no | * | | | * | | | |
| 144 PCB 192 | 394 | NotFnd | * | * | * | -0.00133 | -0.00133 | * | no | 0.979 | - |
| | HpCB 396 | 31.20 | * | no | * | | | * | | | |
| 145 PCB 193/180 | 394 | 31.56 | 4804 | 1.15 | 8993 | 0.015166 | -0.00098 | 35 | no | 1.333 | - |
| | HpCB 396 | 31.54 | 4189 | yes | * | | | 31 | | | |
| 146 PCB 191 | 394 | NotFnd | * | * | * | -0.00113 | -0.00113 | * | no | 1.152 | - |
| | HpCB 396 | 31.92 | * | no | * | | | * | | | |
| 147 PCB 170 | 394 | NotFnd | * | * | * | -0.00108 | -0.00108 | * | no | 1.206 | - |
| | HpCB 396 | 32.88 | * | no | * | | | * | | | |
| 148 PCB 190 | 394 | NotFnd | * | * | * | -0.0012 | -0.0012 | * | no | 1.089 | - |
| | HpCB 396 | 33.44 | * | no | * | | | * | | | |
| 149 PCB 189 | 394 | NotFnd | * | * | * | -0.00113 | -0.00113 | * | no | 0.91 | - |
| | HpCB 396 | 36.26 | * | no | * | | | * | | | |
| 150 PCB 202 | 428 | 28.74 | 1088 | 0.81 | 2434 | 0.0044 | -0.00188 | 6 | yes | 1.08 | - |
| | OcCB 430 | 28.75 | 1346 | yes | * | | | 6 | | | |
| 151 PCB 201 | 428 | NotFnd | * | * | * | -0.00187 | -0.00187 | * | no | 1.088 | - |
| | OcCB 430 | 29.67 | * | no | * | | | * | | | |
| 152 PCB 204 | 428 | NotFnd | * | * | * | -0.00188 | -0.00188 | * | no | 1.08 | - |
| | OcCB 430 | 30.36 | * | no | * | | | * | | | |
| 153 PCB 197 | 428 | NotFnd | * | * | * | -0.00231 | -0.00231 | * | no | 0.88 | - |
| | OcCB 430 | 30.59 | * | no | * | | | * | | | |
| 154 PCB 200 | 428 | NotFnd | * | * | * | -0.00178 | -0.00178 | * | no | 1.141 | - |
| | OcCB 430 | 30.71 | * | no | * | | | * | | | |
| 155 PCB 198/199 | 428 | NotFnd | * | * | * | -0.00294 | -0.00294 | * | no | 0.691 | - |
| | OcCB 430 | 33.61 | * | no | * | | | * | | | |
| 156 PCB 196 | 428 | NotFnd | * | * | * | -0.00276 | -0.00276 | * | no | 0.736 | - |
| | OcCB 430 | 34.33 | * | no | * | | | * | | | |
| 157 PCB 203 | 428 | NotFnd | * | * | * | -0.00286 | -0.00286 | * | no | 0.712 | - |
| | OcCB 430 | 34.52 | * | no | * | | | * | | | |
| 158 PCB 195 | 428 | NotFnd | * | * | * | -0.00175 | -0.00175 | * | no | 1.012 | - |
| | OcCB 430 | 35.97 | * | no | * | | | * | | | |
| 159 PCB 194 | 428 | NotFnd | * | * | * | -0.00167 | -0.00167 | * | no | 1.061 | - |
| | OcCB 430 | 38.59 | * | no | * | | | * | | | |
| 160 PCB 205 | 428 | NotFnd | * | * | * | -0.00166 | -0.00166 | * | no | 1.071 | - |
| | OcCB 430 | 39.13 | * | no | * | | | * | | | |
| 161 PCB 208 | 462 | NotFnd | * | * | * | -0.00161 | -0.00161 | * | no | 1.082 | - |
| | NoCB 464 | 35.75 | * | no | * | | | * | | | |
| 162 PCB 207 | 462 | NotFnd | * | * | * | -0.00132 | -0.00132 | * | no | 1.324 | - |
| | NoCB 464 | 38.79 | * | no | * | | | * | | | |
| 163 PCB 206 | 462 | NotFnd | * | * | * | -0.00162 | -0.00162 | * | no | 1.077 | - |
| | NoCB 464 | 41.10 | * | no | * | | | * | | | |
| 164 PCB 209 | 498 | NotFnd | * | * | * | -0.0032 | -0.0032 | * | no | 1.024 | - |
| | DCB 500 | 42.98 | * | no | * | | | * | | | |
| 165 PCB 1L | 200 | 8.82 | 104510 | 3.3 | 136188 | 0.072692 | 0 | 1657 | no | 0.821 | 37 |
| | 202 | 8.82 | 31678 | yes | | | | 208 | | | |
| 166 PCB 3L | 200 | 10.01 | 113748 | 3.45 | 146671 | 0.077674 | 0 | 2002 | no | 0.828 | 39 |
| | 202 | 9.99 | 32923 | yes | | | | 240 | | | |
| 167 PCB 4L | 234 | 10.13 | 36926 | 1.57 | 60477 | 0.094154 | 0.001 | 253 | no | 0.282 | 48 |
| | 236 | 10.09 | 23551 | yes | | | | 474 | | | |
| 168 PCB 15L | 234 | 12.71 | 203115 | 1.7 | 322730 | 0.132984 | 0.001 | 441 | no | 1.064 | 68 |
| | 236 | 12.70 | 119615 | yes | | | | 856 | | | |
| 169 PCB 19L | 268 | 11.49 | 46898 | 0.91 | 98571 | 0.125169 | 0.006 | 90 | no | 0.345 | 64 |
| | 270 | 11.47 | 51673 | yes | | | | 45 | | | |
| 170 PCB 37L | 268 | 16.36 | 202817 | 1.11 | 385433 | 0.167368 | 0.003 | 252 | no | 2.614 | 85 |
| | 270 | 16.36 | 182616 | yes | | | | 144 | | | |
| 171 PCB 54L | 302 | 12.85 | 47048 | 0.77 | 107901 | 0.161566 | 0.001 | 348 | no | 0.756 | 82 |
| | 304 | 12.85 | 60853 | yes | | | | 579 | | | |
| 172 PCB 81L | 302 | 20.97 | 120499 | 0.83 | 266182 | 0.161049 | 0 | 610 | no | 1.876 | 82 |
| | 304 | 20.98 | 145683 | yes | | | | 1276 | | | |
| 173 PCB 77L | 302 | 21.41 | 111579 | 0.8 | 251425 | 0.158647 | 0 | 559 | no | 1.799 | 81 |
| | 304 | 21.43 | 139847 | yes | | | | 1183 | | | |
| 174 PCB 104L | 338 | 15.63 | 77824 | 1.65 | 125023 | 0.185677 | 0 | 6022 | no | 0.967 | 94 |
| | 340 | 15.62 | 47199 | yes | | | | 2529 | | | |
| 175 PCB 123L | 338 | 23.01 | 170520 | 1.7 | 270928 | 0.169619 | 0 | 3241 | no | 2.293 | 86 |
| | 340 | 23.03 | 100408 | yes | | | | 1037 | | | |
| 176 PCB 118L | 338 | 23.30 | 164733 | 1.69 | 262189 | 0.170865 | 0 | 3226 | no | 2.203 | 87 |
| | 340 | 23.30 | 97466 | yes | | | | 1031 | | | |
| 177 PCB 114L | 338 | 23.76 | 155614 | 1.69 | 247681 | 0.173526 | 0 | 2954 | no | 2.049 | 88 |
| | 340 | 23.78 | 92067 | yes | | | | 943 | | | |
| 178 PCB 105L | 338 | 24.32 | 160626 | 1.67 | 256511 | 0.174213 | 0 | 3067 | no | 2.114 | 89 |
| | 340 | 24.34 | 95884 | yes | | | | 985 | | | |
| 179 PCB 126L | 338 | 27.16 | 126987 | 1.68 | 202616 | 0.140062 | 0 | 2232 | no | 2.077 | 71 |
| | 340 | 27.15 | 75629 | yes | | | | 708 | | | |
| 180 PCB 155L | 372 | 19.23 | 79859 | 1.28 | 142346 | 0.22525 | 0 | 2814 | no | 1.056 | 114 |
| | 374 | 19.24 | 62487 | yes | | | | 1772 | | | |
| 181 PCB 167L | 372 | 28.96 | 125173 | 1.32 | 220185 | 0.162238 | 0 | 2695 | no | 2.269 | 82 |
| | 374 | 28.99 | 95012 | yes | | | | 1423 | | | |
| 182 PCB 156L/157L | 372 | 30.12 | 216801 | 1.32 | 381728 | 0.307554 | 0 | 3732 | no | 2.075 | 78 |
| | 374 | 30.14 | 164926 | yes | | | | 1992 | | | |
| 183 PCB 169L | 372 | 33.48 | 64315 | 1.27 | 114790 | 0.089558 | 0 | 1283 | yes | 2.142 | 46 |
| | 374 | 33.47 | 50475 | yes | | | | 694 | | | |

| | | | | | | | | | | | |
|-----------------------|-----|--------|---------|------|---------|----------|-------|----------|----|-------|-----|
| 184 PCB 188L | 406 | 23.75 | 68981 | 1.04 | 135010 | 0.204523 | 0 | 1556 | no | 1.103 | 104 |
| | 408 | 23.75 | 66028 | yes | | | | 59262 | | | |
| 185 PCB 180L | 406 | 31.54 | 45275 | 1.07 | 87528 | 0.295284 | 0.001 | 845 | no | 1.219 | 150 |
| | 408 | 31.56 | 42253 | yes | | | | 1234 | | | |
| 186 PCB 170L | 406 | 32.85 | 36555 | 1.02 | 72539 | 0.273046 | 0.001 | 684 | no | 1.093 | 139 |
| | 408 | 32.87 | 35983 | yes | | | | 1090 | | | |
| 187 PCB 189L | 406 | 36.23 | 72238 | 1.06 | 141260 | 0.239811 | 0.001 | 677 | no | 2.422 | 122 |
| | 408 | 36.23 | 69022 | yes | | | | 1204 | | | |
| 188 PCB 202L | 440 | 28.73 | 47920 | 0.91 | 100834 | 0.348402 | 0.001 | 2296 | no | 1.19 | 177 |
| | 442 | 28.71 | 52914 | yes | | | | 1779 | | | |
| 189 PCB 205L | 440 | 39.10 | 30698 | 0.93 | 63726 | 0.177366 | 0.001 | 1153 | no | 1.478 | 96 |
| | 442 | 39.13 | 33028 | yes | | | | 842 | | | |
| 190 PCB 208L | 474 | 35.72 | 27490 | 0.74 | 64916 | 0.230313 | 0.001 | 1622 | no | 1.169 | 117 |
| | 476 | 35.73 | 37426 | yes | | | | 441 | | | |
| 191 PCB 206L | 474 | 41.10 | 14628 | 0.77 | 33498 | 0.169217 | 0.002 | 865 | no | 0.814 | 86 |
| | 476 | 41.09 | 18870 | yes | | | | 221 | | | |
| 192 PCB 209L | 510 | 42.94 | 15356 | 1.05 | 29953 | 0.163213 | 0.001 | 755 | no | 0.755 | 83 |
| | 512 | 42.94 | 14597 | yes | | | | 788 | | | |
| 193 PCB 28L | 268 | 14.15 | 233366 | 1.09 | 448229 | 0.182997 | 0.002 | 301 | no | 2.78 | 84 |
| PCB Cleanup Standard | 270 | 14.15 | 214862 | yes | | | | 172 | | | |
| 194 PCB 111L | 338 | 21.41 | 108979 | 1.64 | 175501 | 0.18913 | 0 | 2939 | no | 1.332 | 87 |
| PCB Cleanup Standard | 340 | 21.42 | 66522 | yes | | | | 1622 | | | |
| 195 PCB 178L | 406 | 26.48 | 43270 | 1.08 | 83360 | 0.214204 | 0 | 901 | no | 0.65 | 98 |
| PCB Cleanup Standard | 408 | 26.49 | 40089 | yes | | | | 33028 | | | |
| 196 PCB 31L | 268 | NotFnd | * | * | * | | 0.002 | | no | 2.775 | |
| PCB Audit Standard | 270 | 13.99 | * | no | | | | | | | |
| 197 PCB 95L | 338 | NotFnd | * | * | * | | 0 | | no | 0.967 | |
| PCB Audit Standard | 340 | 17.41 | * | no | | | | | | | |
| 198 PCB 153L | 372 | 24.92 | 2316 | 1.26 | 4154 | 0.005832 | 0 | 55 | no | 1.191 | 3 |
| PCB Audit Standard | 374 | 24.92 | 1839 | yes | | | | 52 | | | |
| 199 PCB 9L | 234 | 11.01 | 1564488 | 1.68 | 2493645 | 9.482878 | - | 3445 | no | - | - |
| PCB Recovery Standard | 236 | 11.03 | 929157 | yes | | | | 6808 | | | |
| 200 PCB 52L | 302 | 15.08 | 428760 | 0.8 | 963201 | 9.629996 | - | 3510 | no | - | - |
| PCB Recovery Standard | 304 | 15.08 | 534441 | yes | | | | 6081 | | | |
| 201 PCB 101L | 338 | 19.38 | 477171 | 1.68 | 761504 | 9.127614 | - | 13927 | no | - | - |
| PCB Recovery Standard | 340 | 19.40 | 284333 | yes | | | | 7630 | | | |
| 202 PCB 138L | 372 | 26.07 | 369051 | 1.29 | 653984 | 7.725038 | - | 9185 | no | - | - |
| PCB Recovery Standard | 374 | 26.09 | 284933 | yes | | | | 7862 | | | |
| 203 PCB 194L | 440 | 38.58 | 126629 | 0.91 | 265811 | 3.581949 | - | 4652 | no | - | - |
| PCB Recovery Standard | 442 | 38.61 | 139182 | yes | | | | 3601 | | | |
| Chlorobiphenyls | | | | | | -0.00135 | 0 | -0.00135 | | | |
| Dichlorobiphenyls | | | | | | -0.02953 | 0 | -0.02953 | | | |
| Trichlorobiphenyls | | | | | | 0.031451 | 7 | -0.0047 | | | |
| Tetrachlorobiphenyls | | | | | | 0.142592 | 14 | -0.00257 | | | |
| Pentachlorobiphenyls | | | | | | 0.384862 | 16 | -0.00145 | | | |
| Hexachlorobiphenyls | | | | | | 0.603302 | 16 | -0.00253 | | | |
| Heptachlorobiphenyls | | | | | | 0.130101 | 6 | -0.00245 | | | |
| Octachlorobiphenyls | | | | | | 0.0044 | 1 | -0.00294 | | | |
| Nonachlorobiphenyls | | | | | | -0.00162 | 0 | -0.00162 | | | |
| Decachlorobiphenyl | | | | | | -0.0032 | 0 | -0.0032 | | | |
| PCB (total) | | | | | | 1.296708 | | | | | |

Quantify Sample Report

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Description: DIS276-01R

Vial: 13

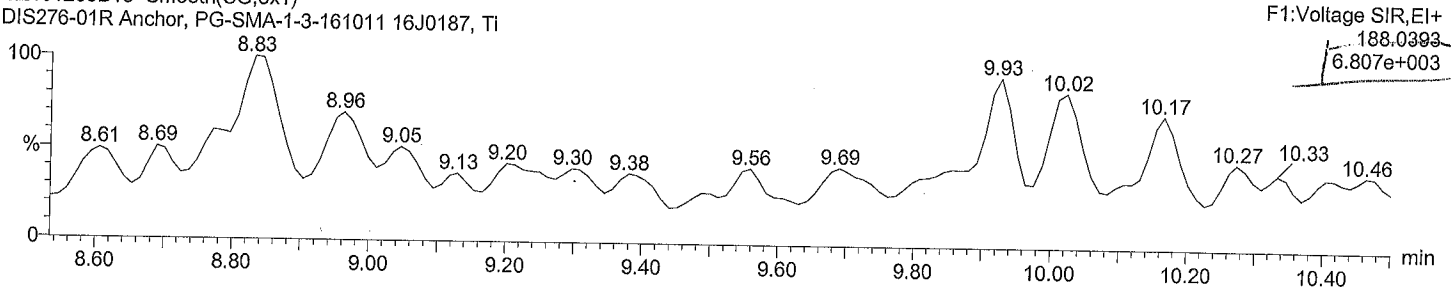
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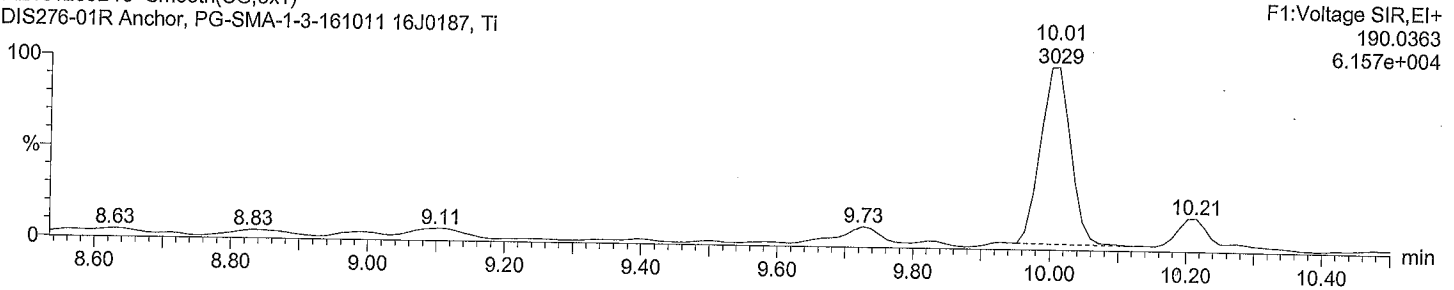
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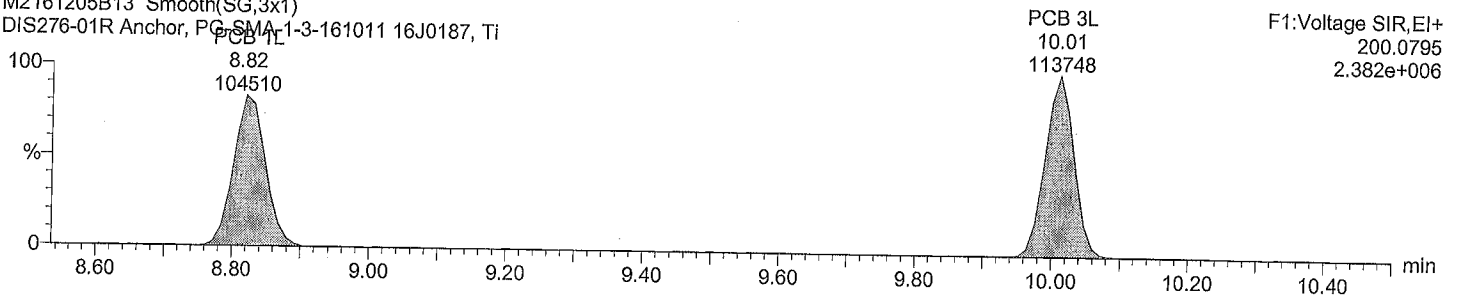
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DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI



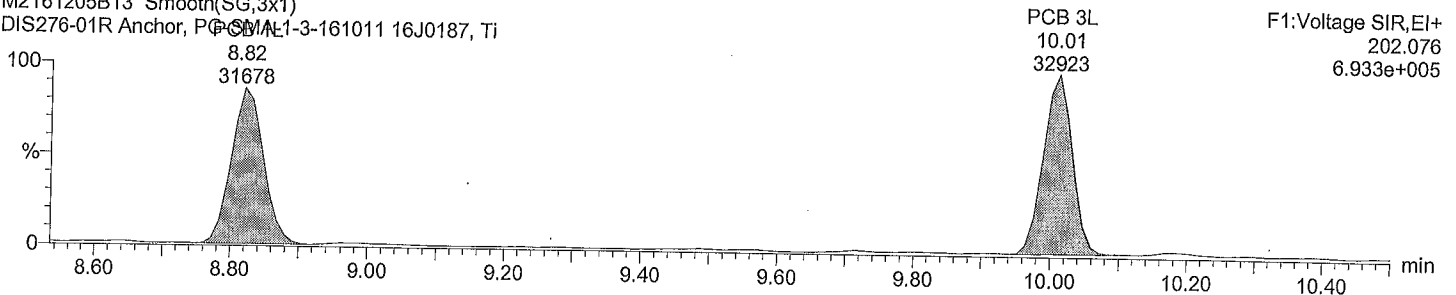
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DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI



Total MoCB labeled F1

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI



Quantify Sample Report

Acquired Date

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Vial: 13

Date: 06-Dec-2016

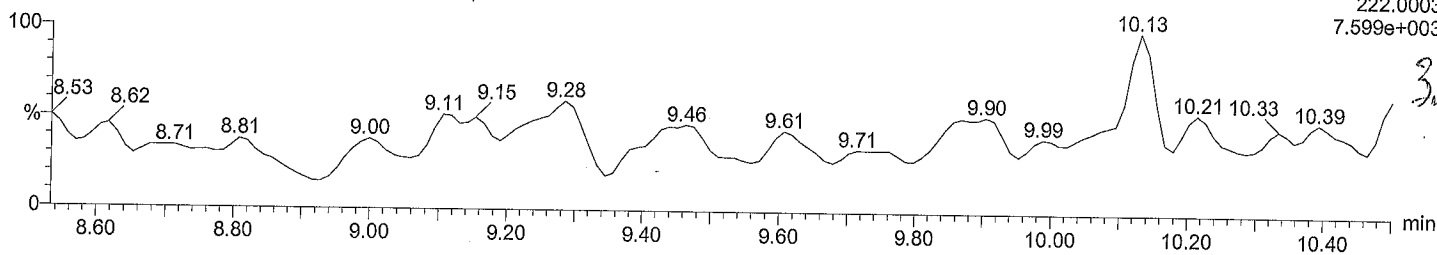
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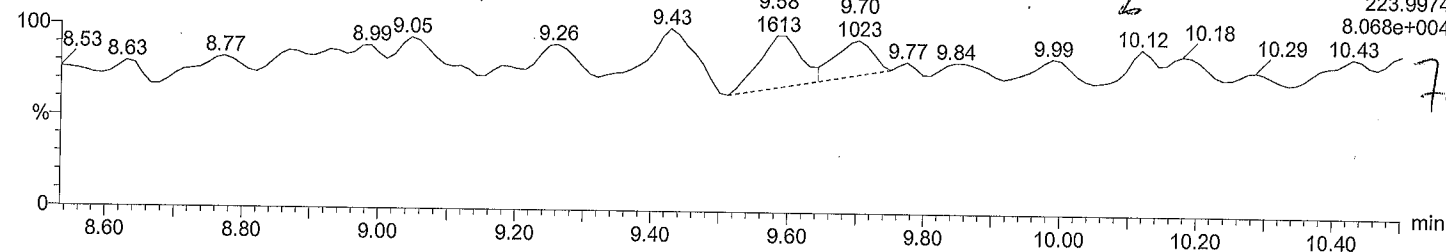
F1:Voltage SIR,EI+
222.0003
7.599e+003



Total DiCB F1

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti

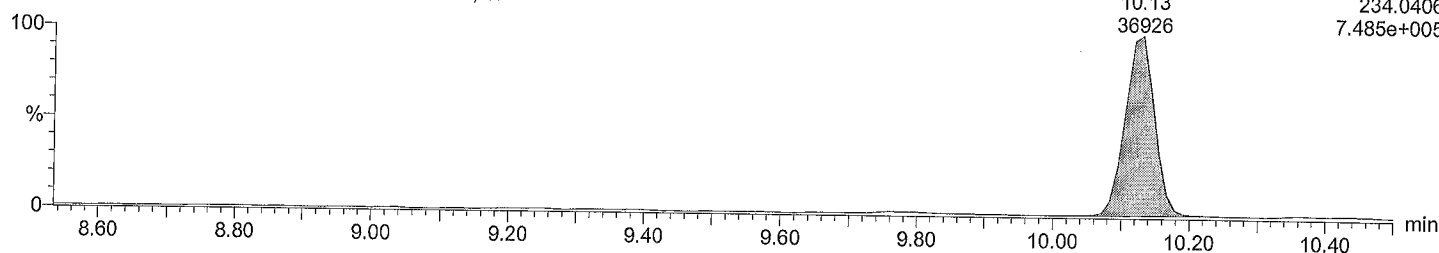
F1:Voltage SIR,EI+
223.9974
8.068e+004



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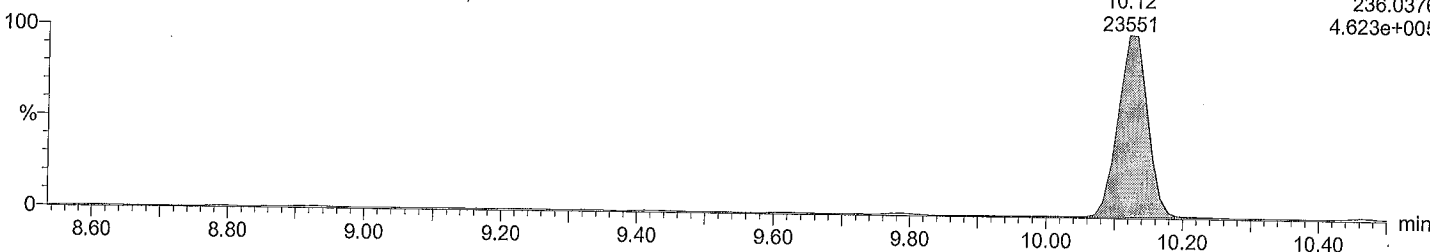
PCB 4L
10.13
36926
F1:Voltage SIR,EI+
234.0406
7.485e+005



Total DiCB labeled F1

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti

PCB 4L
10.12
23551
F1:Voltage SIR,EI+
236.0376
4.623e+005



Quantify Sample Report

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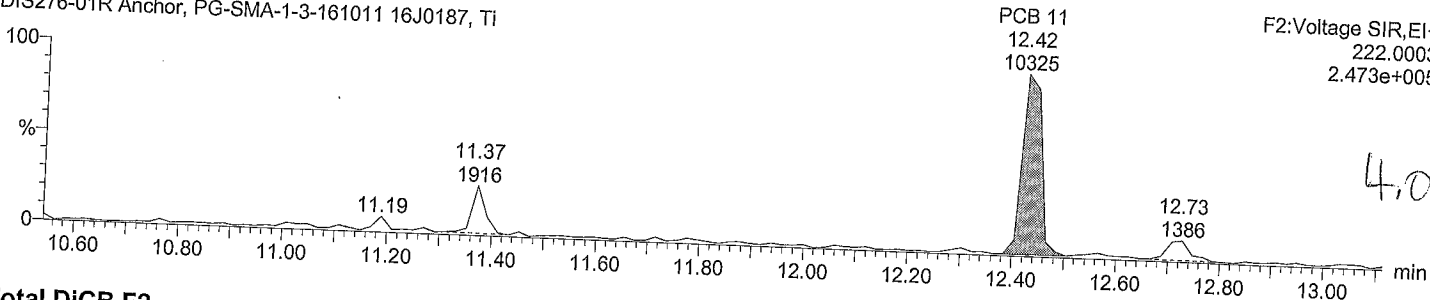
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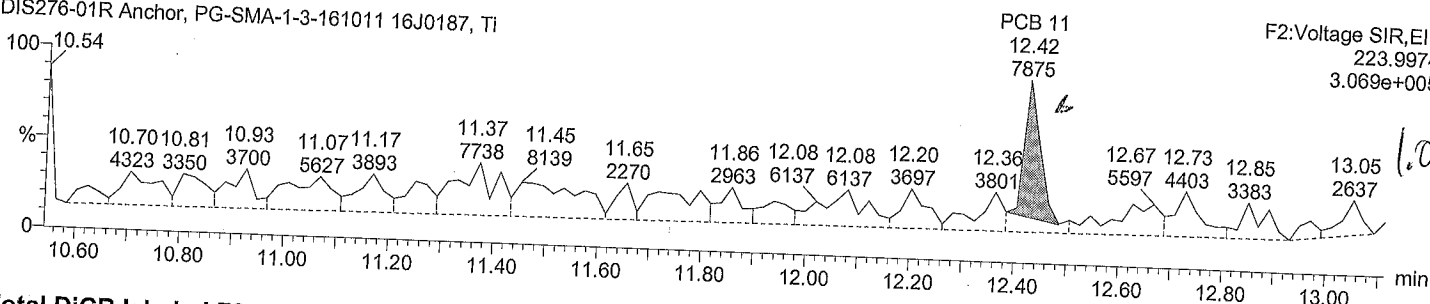
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M2161205B13
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI



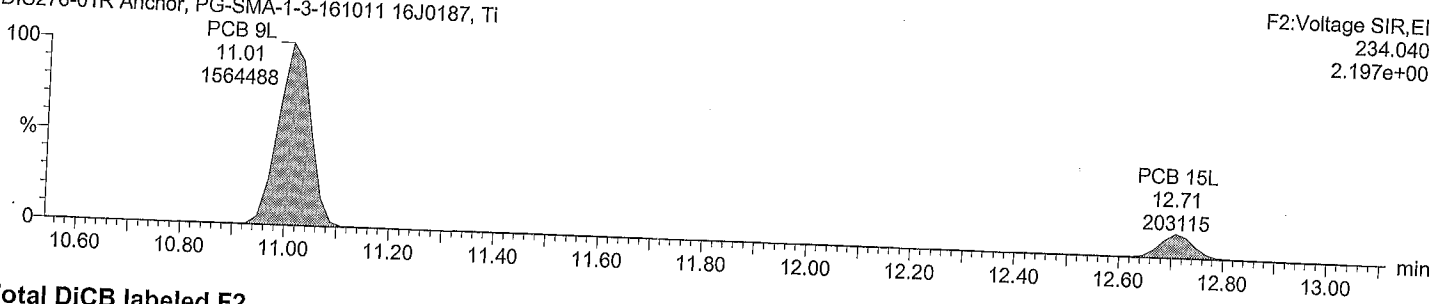
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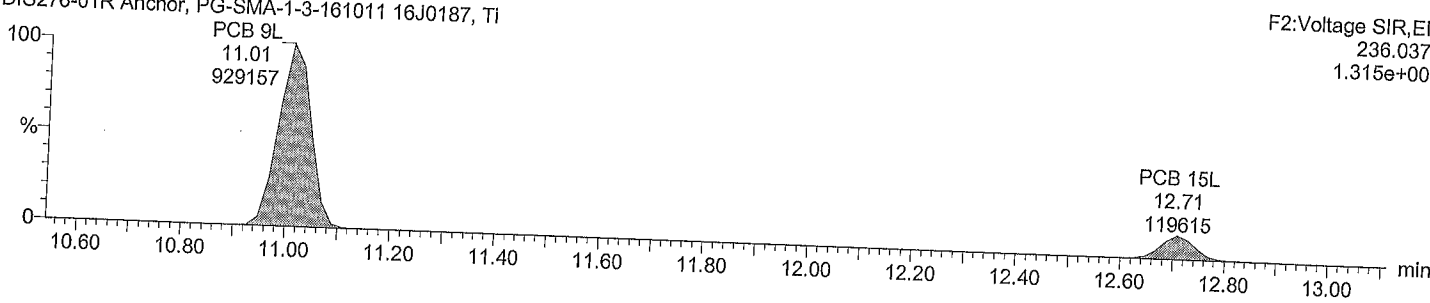
Total DiCB labeled F2

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI



Total DiCB labeled F2

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI



Quantify Sample Report

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Vial: 13

Date: 06-Dec-2016

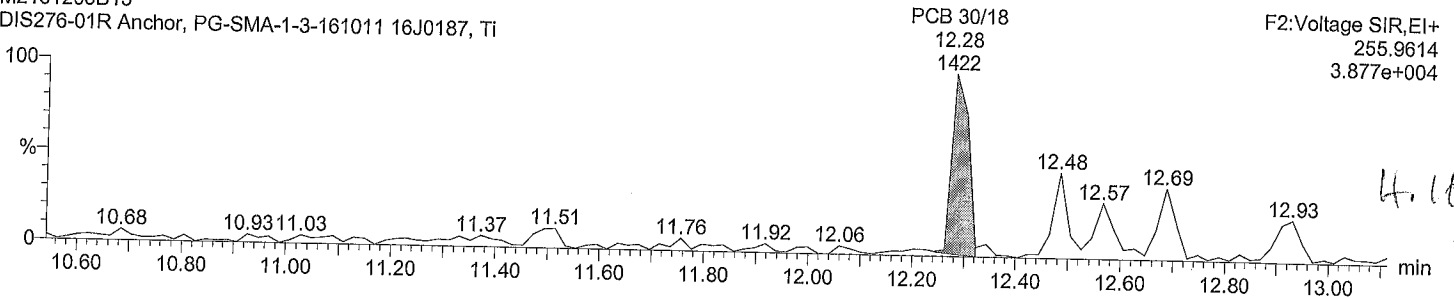
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M2161205B13

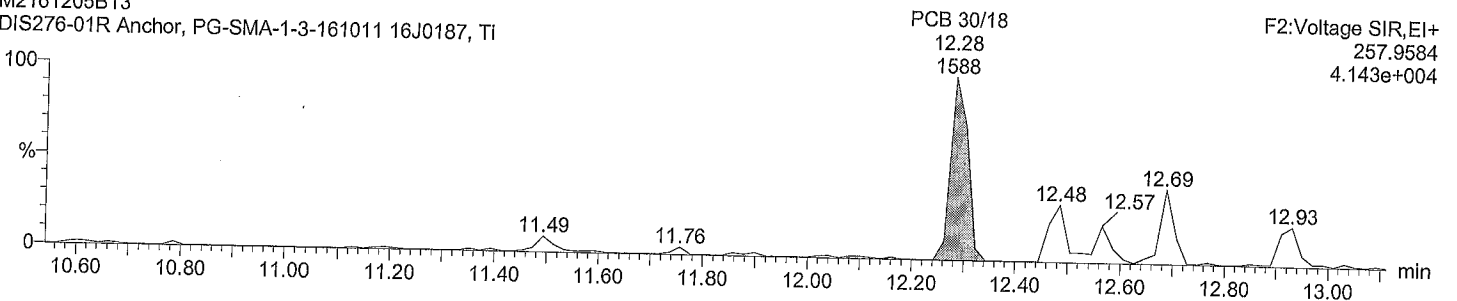
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M2161205B13

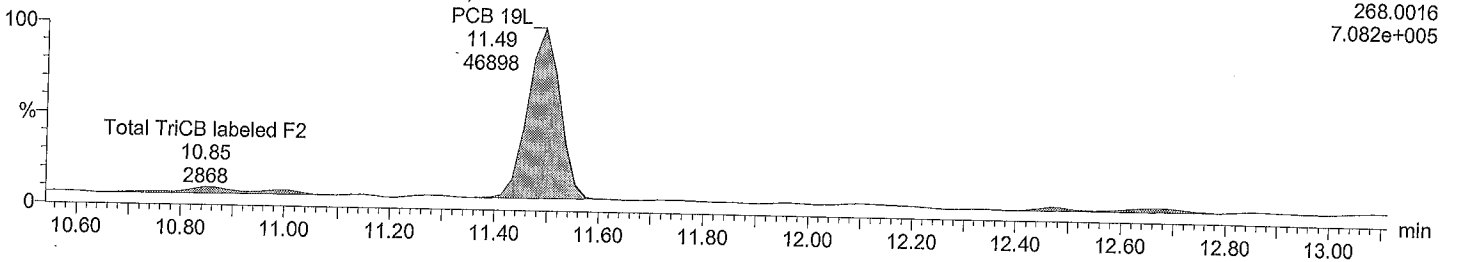
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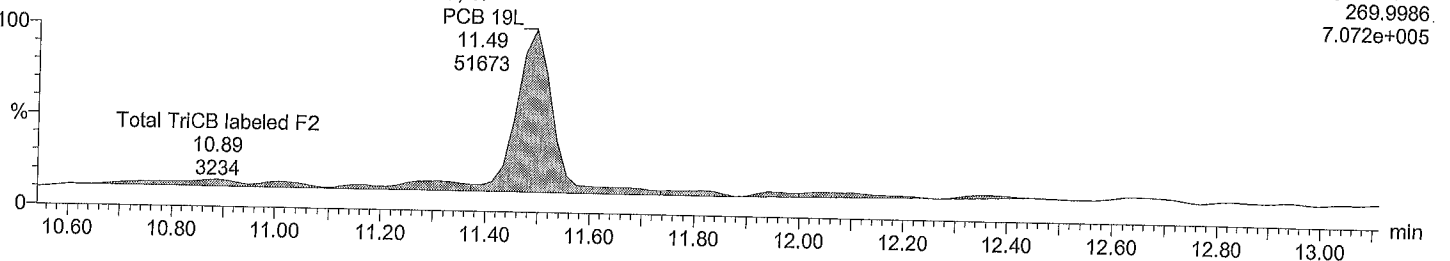
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M2161205B13 Smooth(SG,3x1)

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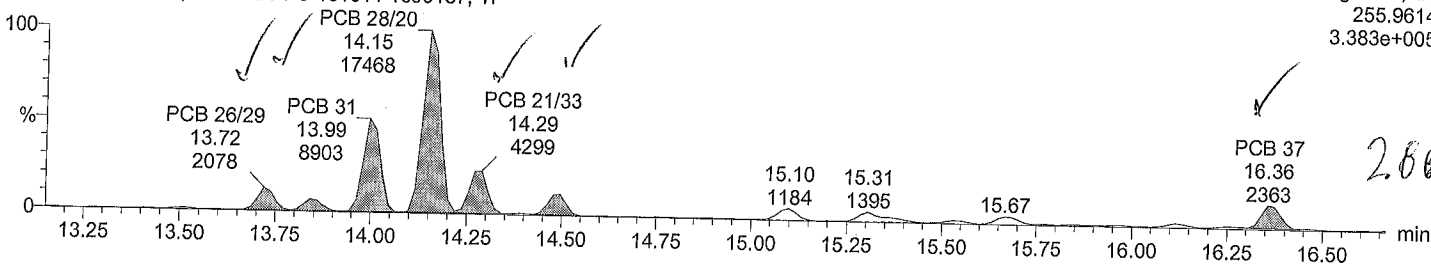
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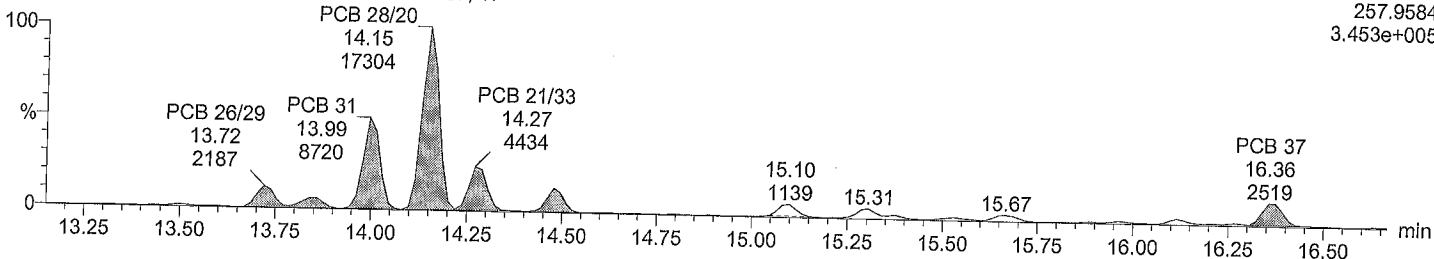
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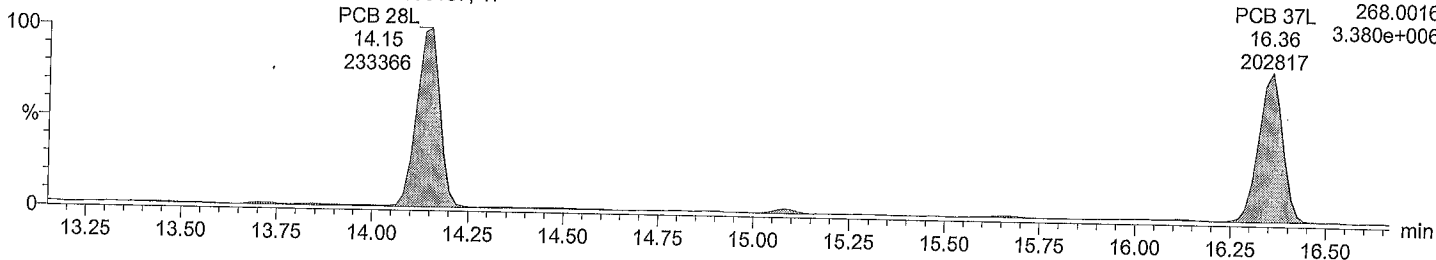
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DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti



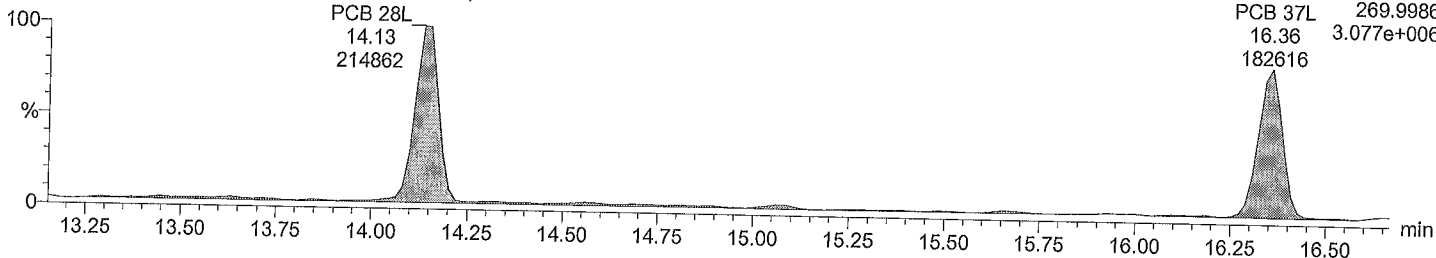
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DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti



Total TriCB labeled F3

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti



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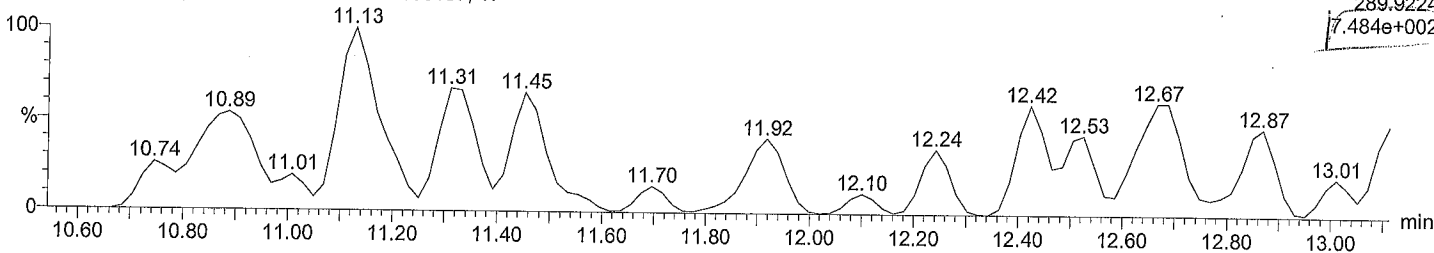
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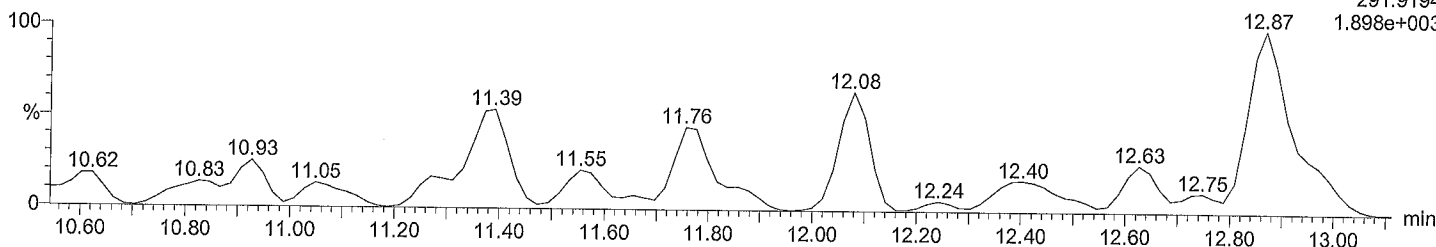
F2:Voltage SIR,EI+
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7.484e+002



Total TeCB F2

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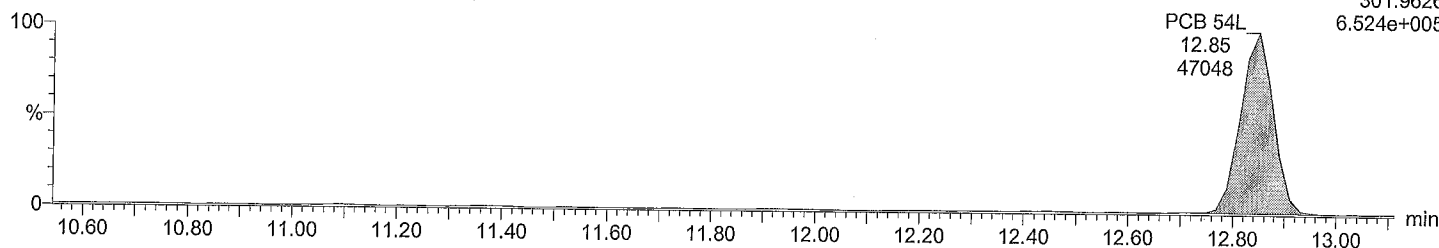
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1.898e+003



Total TeCB labeled F2

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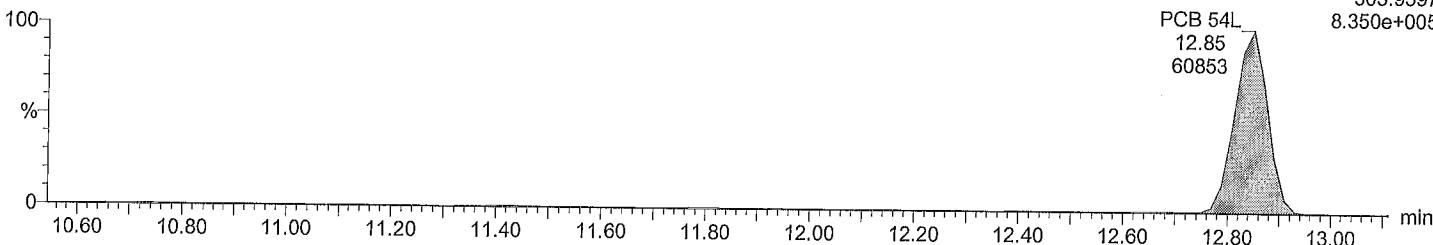
F2:Voltage SIR,EI+
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6.524e+005



Total TeCB labeled F2

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti

F2:Voltage SIR,EI+
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Quantify Sample Report

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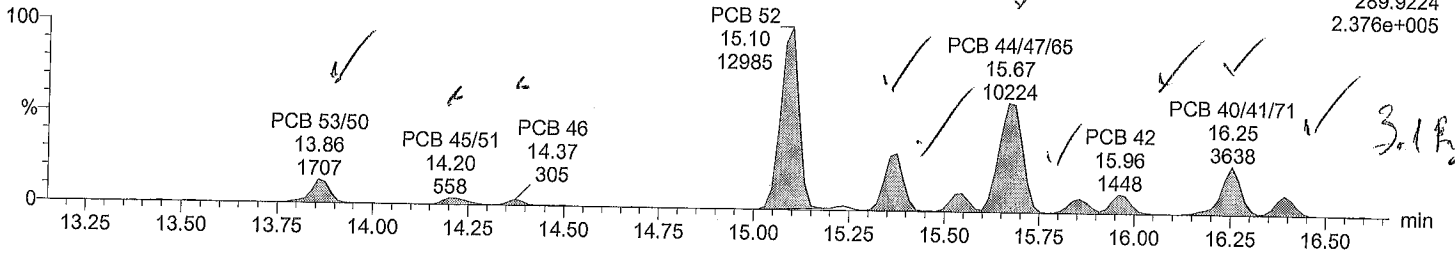
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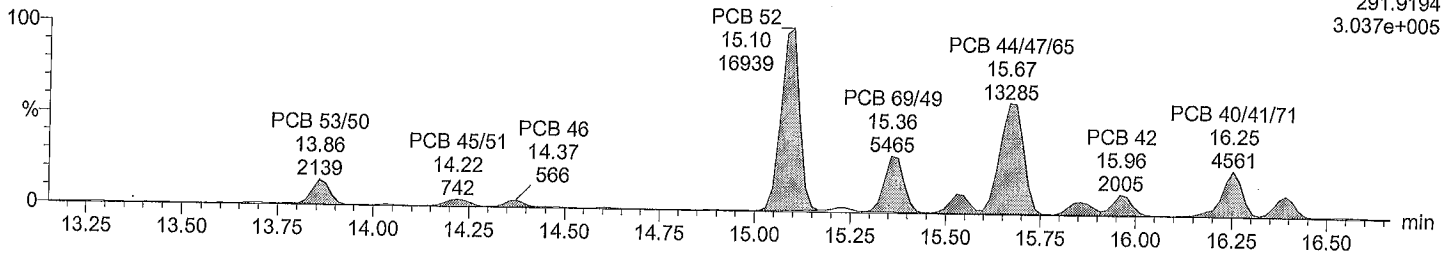
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DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI



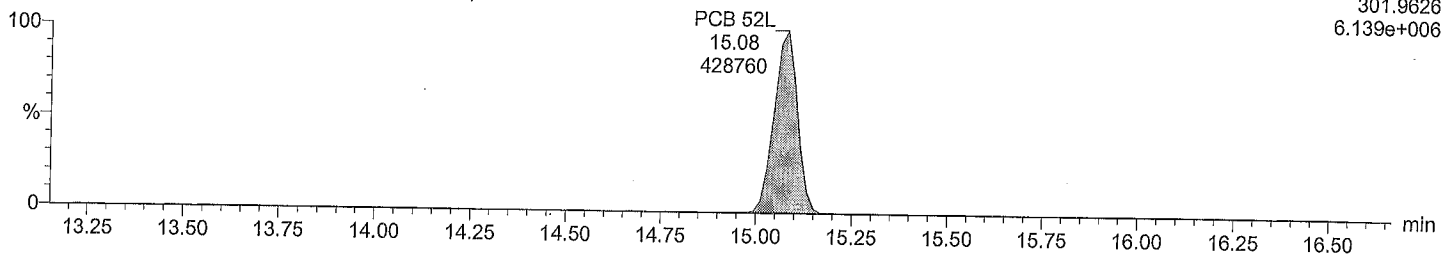
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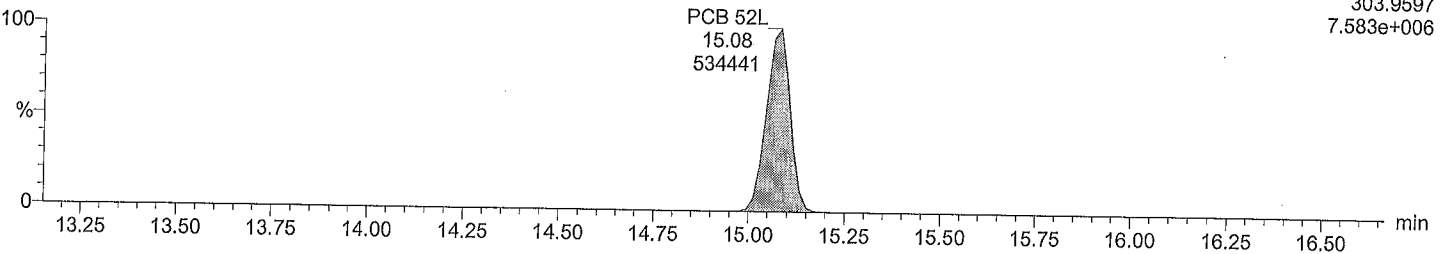
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DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI



Total TeCB labeled F3

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 5:28:50 PM
Printed: Wednesday, December 07, 2016 5:29:45 PM

Description: DIS276-01R

Vial: 13

Date: 06-Dec-2016

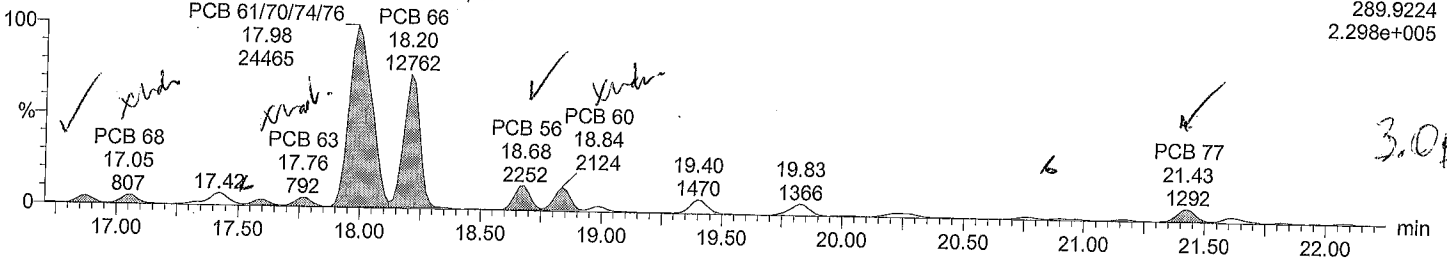
Time: 05:40:24

Instrument:

Total TeCB F4

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti

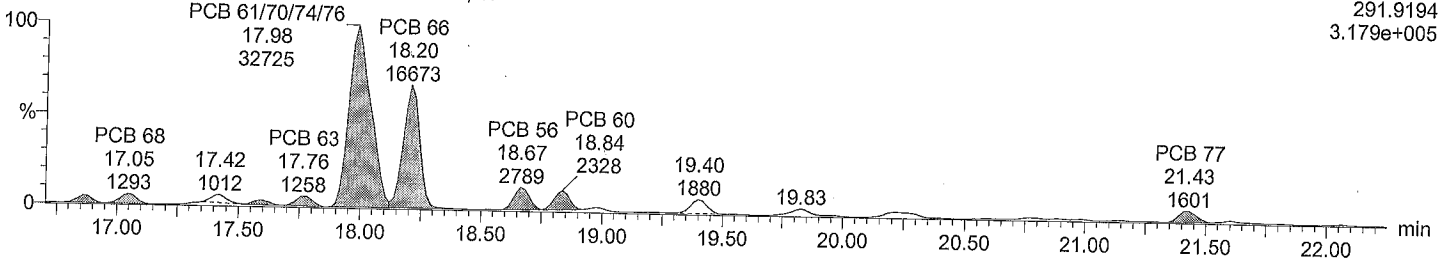
F4:Voltage SIR,EI+
289.9224
2.298e+005



Total TeCB F4

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti

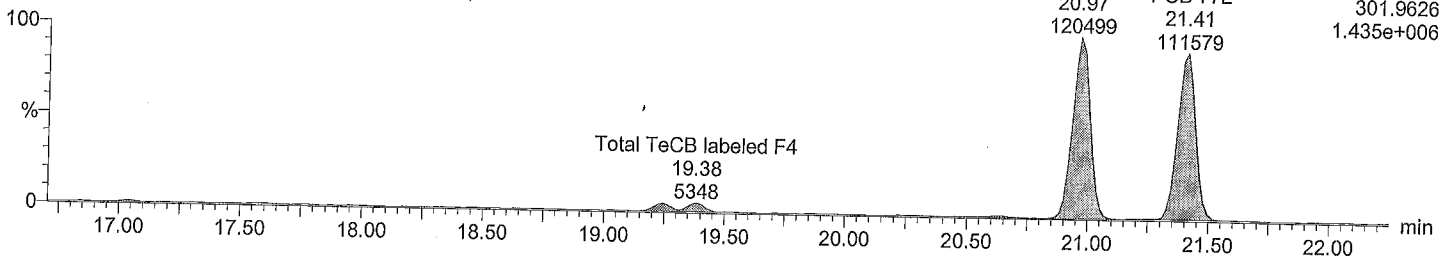
F4:Voltage SIR,EI+
291.9194
3.179e+005



Total TeCB labeled F4

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti

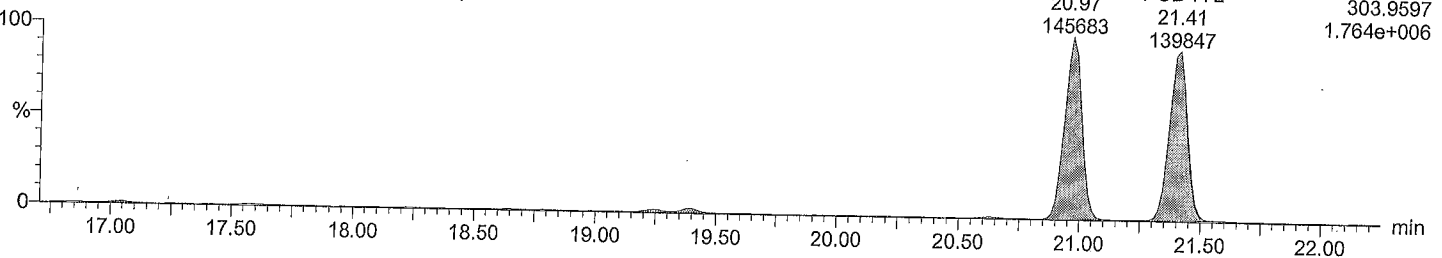
F4:Voltage SIR,EI+
301.9626
1.435e+006



Total TeCB labeled F4

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti

F4:Voltage SIR,EI+
303.9597
1.764e+006



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 5:28:50 PM

Printed: Wednesday, December 07, 2016 5:29:45 PM

Description: DIS276-01R

Vial: 13

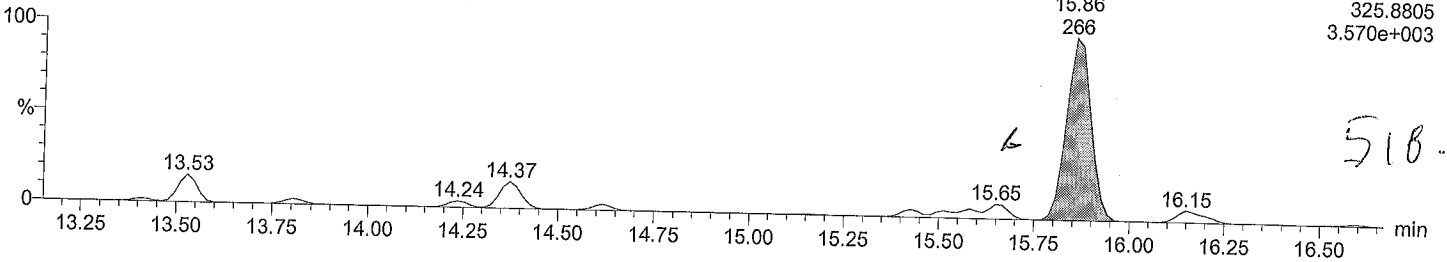
Date: 06-Dec-2016

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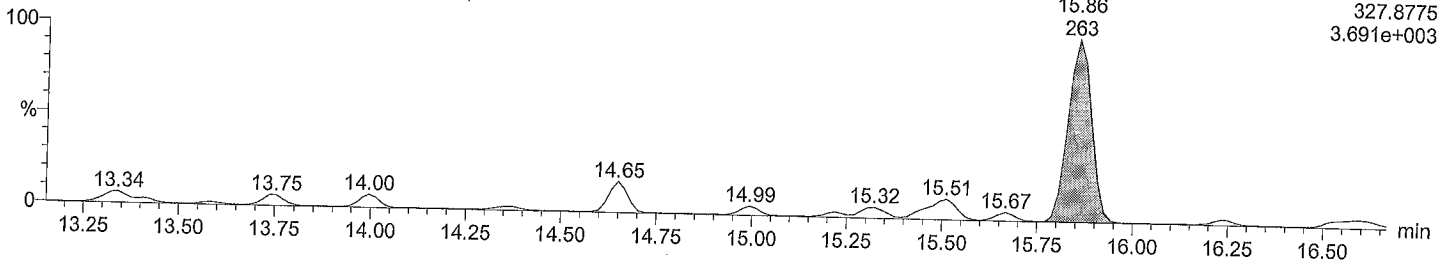
Total PeCB F3

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI



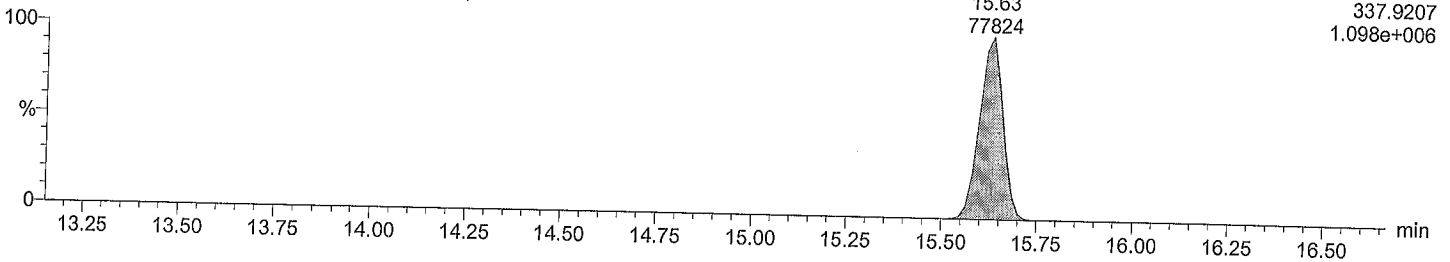
Total PeCB F3

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI



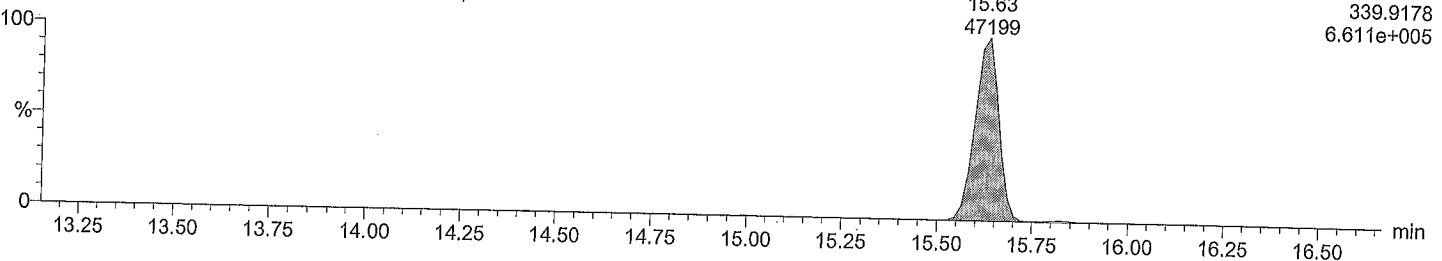
Total PeCB labeled F3

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI



Total PeCB labeled F3

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 5:28:50 PM
Printed: Wednesday, December 07, 2016 5:29:45 PM

Description: DIS276-01R

Vial: 13

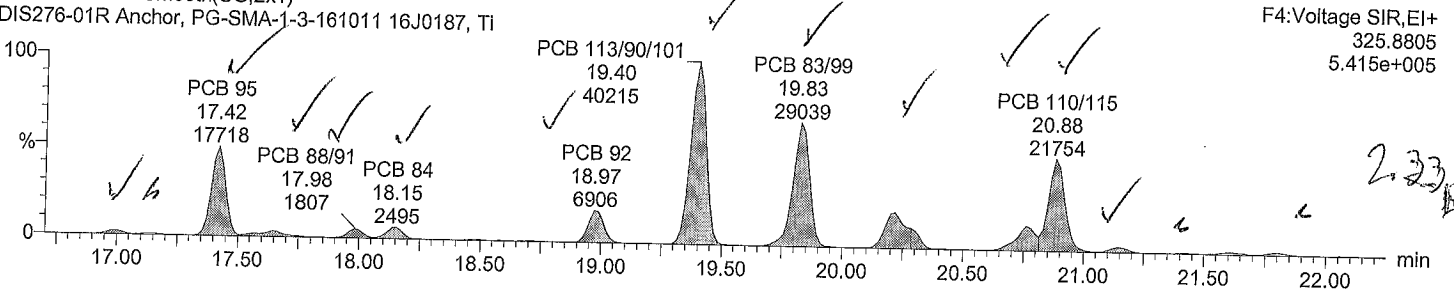
Date: 06-Dec-2016

Time: 05:40:24

Instrument:

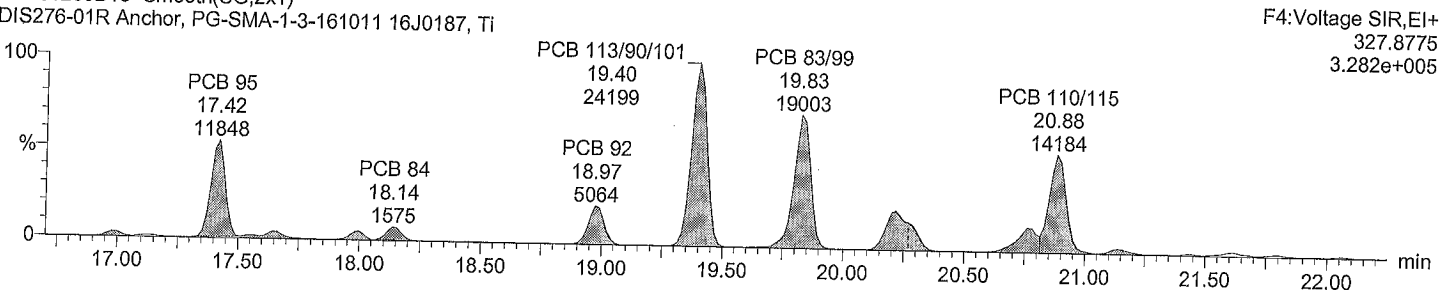
Total PeCB F4

M2161205B13 Smooth(SG,2x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI



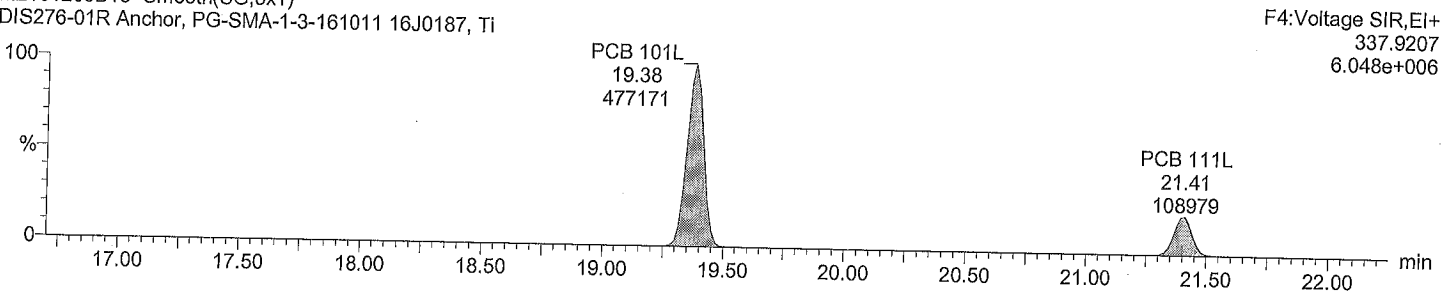
Total PeCB F4

M2161205B13 Smooth(SG,2x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI



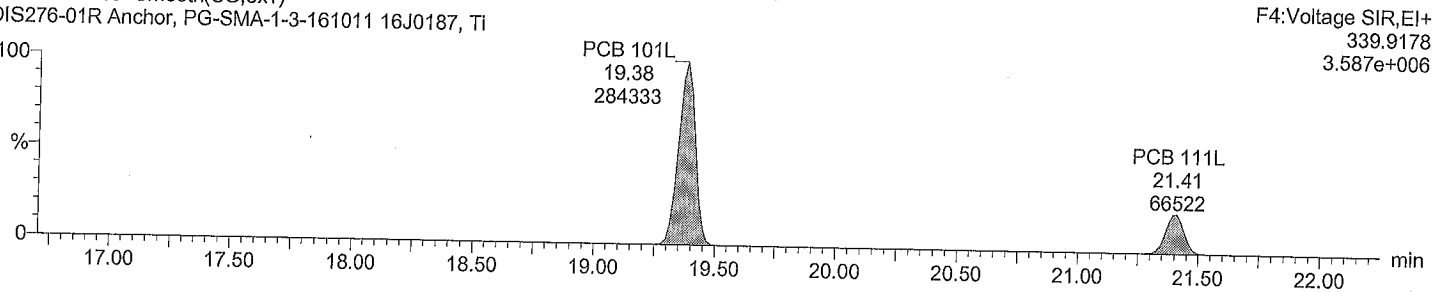
Total PeCB labeled F4

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI



Total PeCB labeled F4

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 5:28:50 PM

Printed: Wednesday, December 07, 2016 5:29:45 PM

Description: DIS276-01R

Vial: 13

Date: 06-Dec-2016

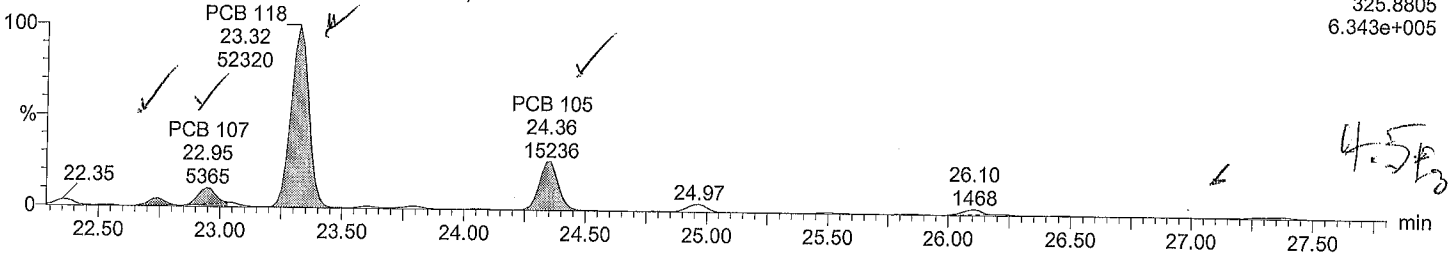
Time: 05:40:24

Instrument:

Total PeCB F5

M2161205B13 Smooth(SG,2x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI

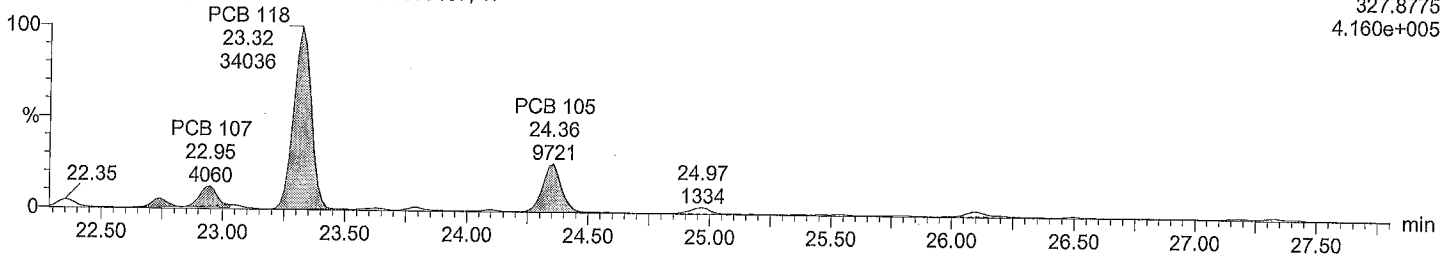
F5:Voltage SIR,EI+
325.8805
6.343e+005



Total PeCB F5

M2161205B13 Smooth(SG,2x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI

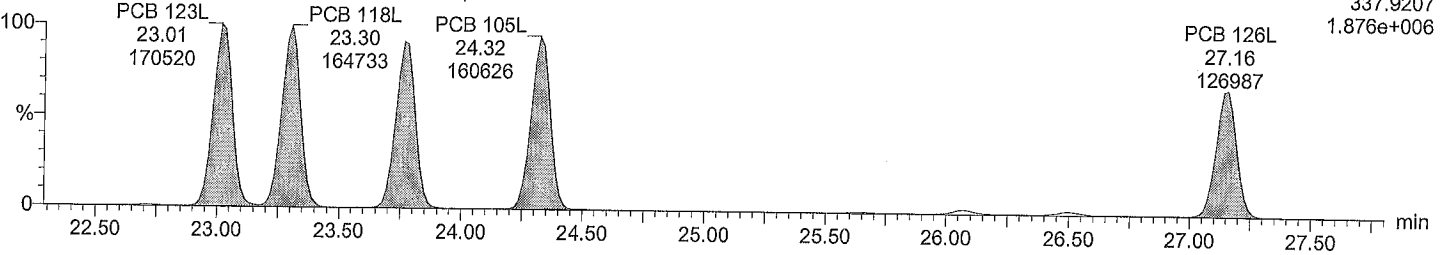
F5:Voltage SIR,EI+
327.8775
4.160e+005



Total PeCB labeled F5

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI

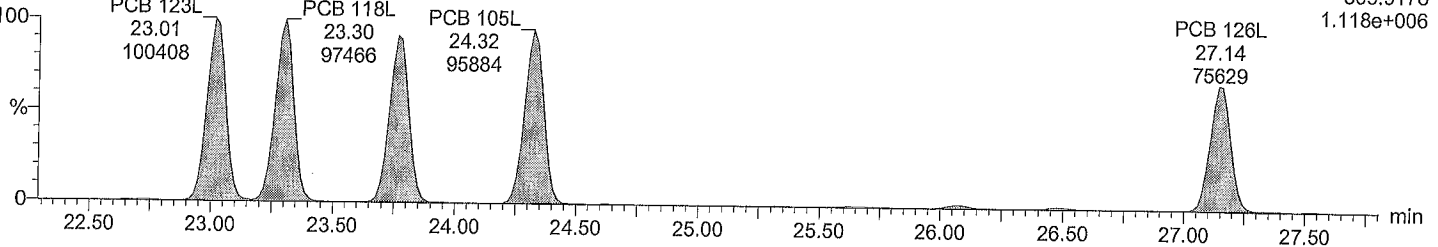
F5:Voltage SIR,EI+
337.9207
1.876e+006



Total PeCB labeled F5

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI

F5:Voltage SIR,EI+
339.9178
1.118e+006



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

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Printed: Wednesday, December 07, 2016 5:29:45 PM

Description: DIS276-01R

Vial: 13

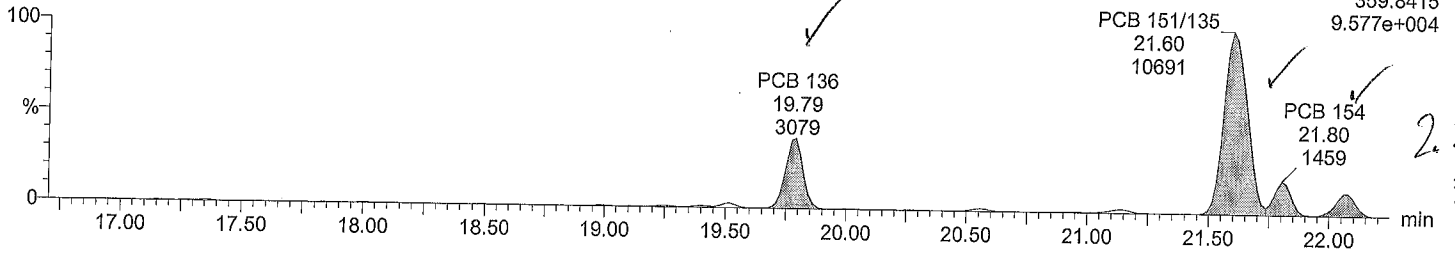
Date: 06-Dec-2016

Time: 05:40:24

Instrument:

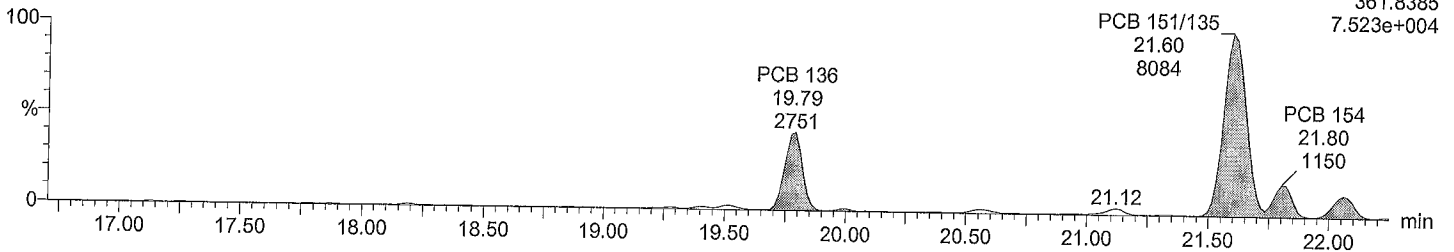
Total HxCB F4

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti



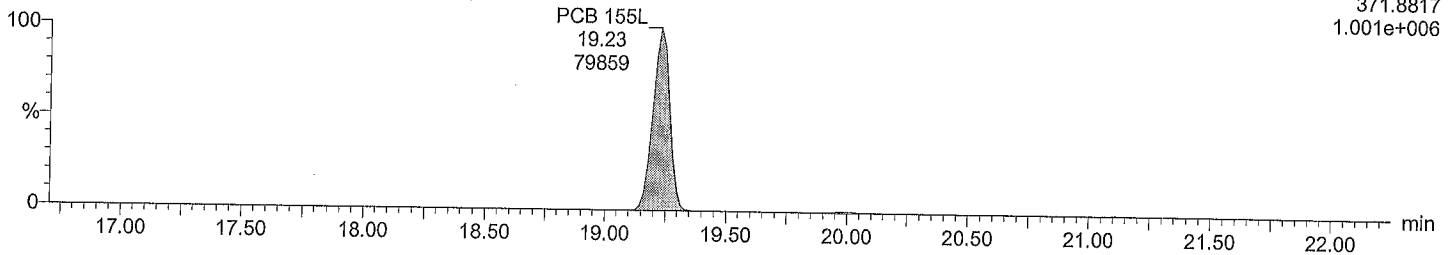
Total HxCB F4

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti



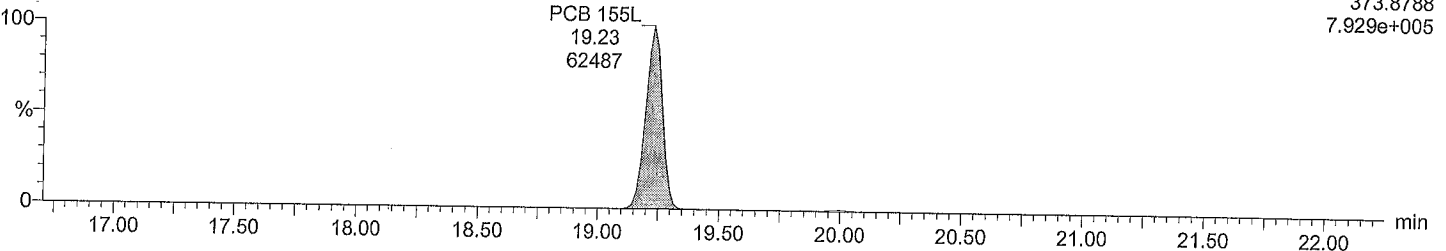
Total HxCB labeled F4

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti



Total HxCB labeled F4

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 5:28:50 PM
Printed: Wednesday, December 07, 2016 5:29:45 PM

Description: DIS276-01R

Vial: 13

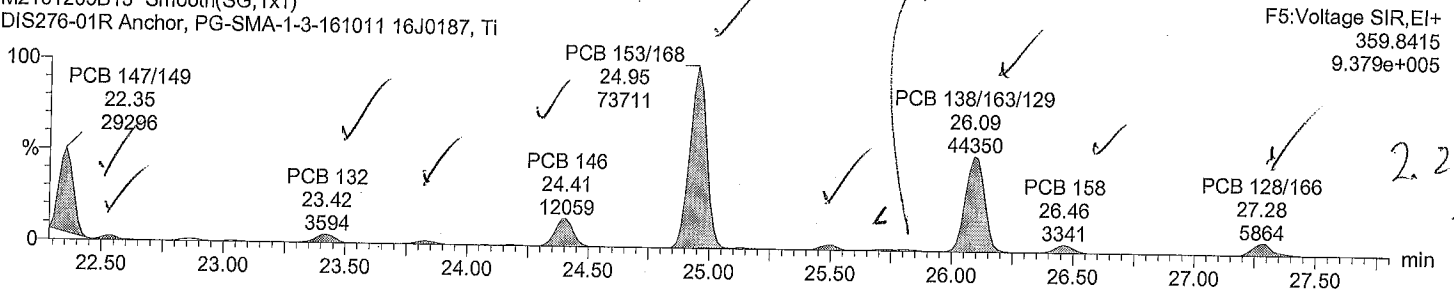
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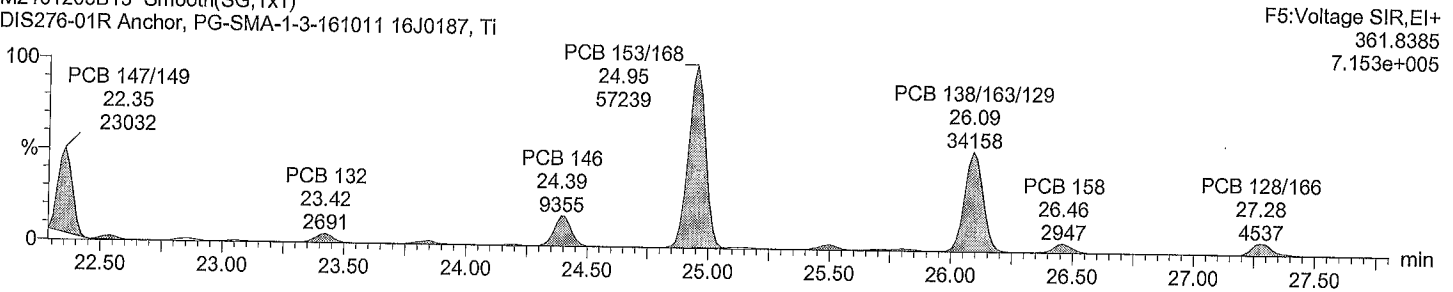
Total HxCB F5

M2161205B13 Smooth(SG,1x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti



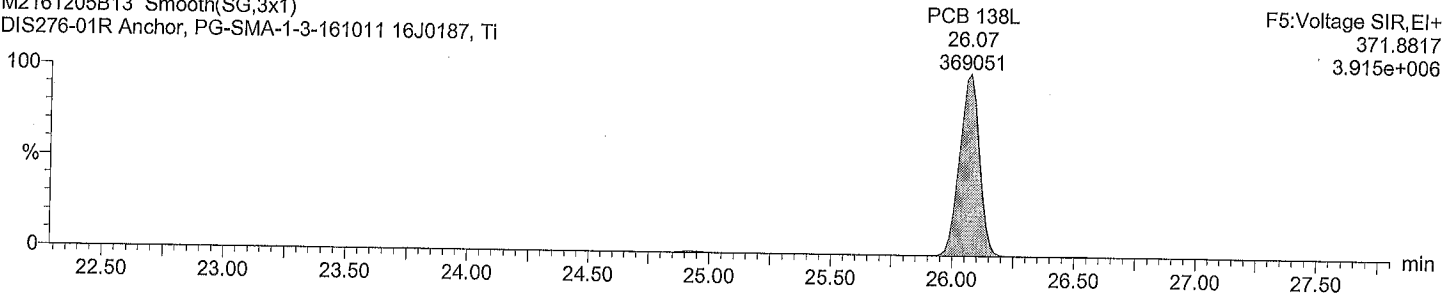
Total HxCB F5

M2161205B13 Smooth(SG,1x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti



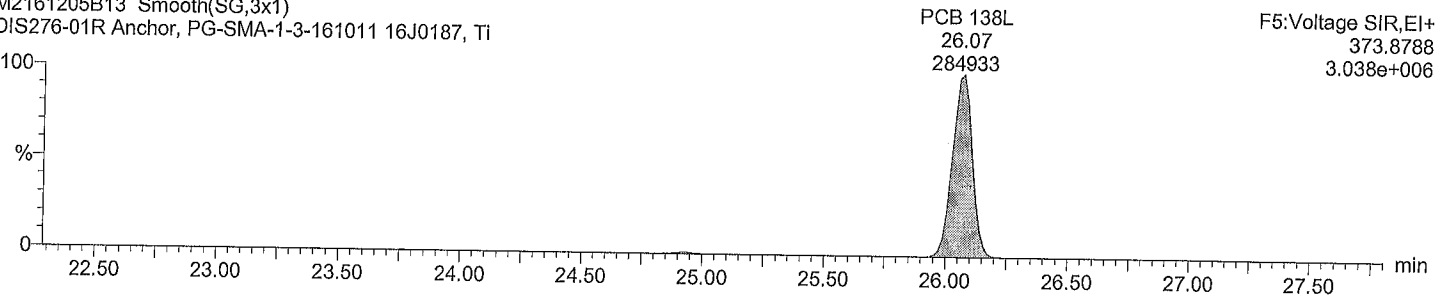
Total HxCB labeled F5

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti



Total HxCB labeled F5

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti



Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 5:28:50 PM
Printed: Wednesday, December 07, 2016 5:29:45 PM

Description: DIS276-01R

Vial: 13

Date: 06-Dec-2016

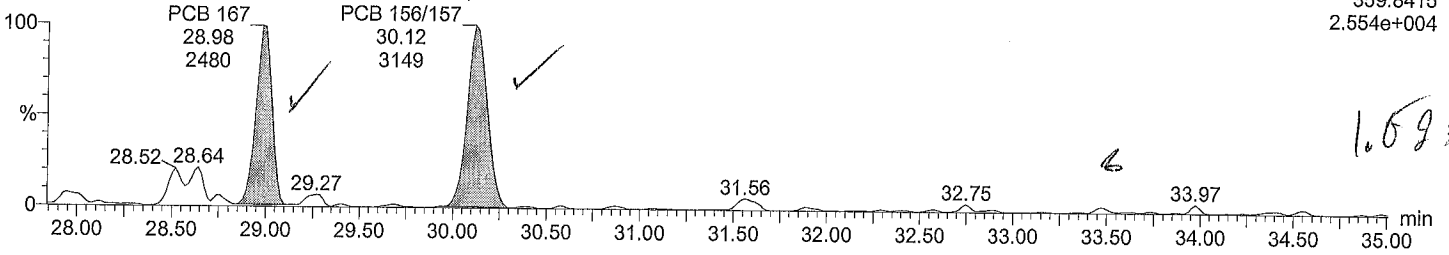
Time: 05:40:24

Instrument:

Total HxCB F6

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI

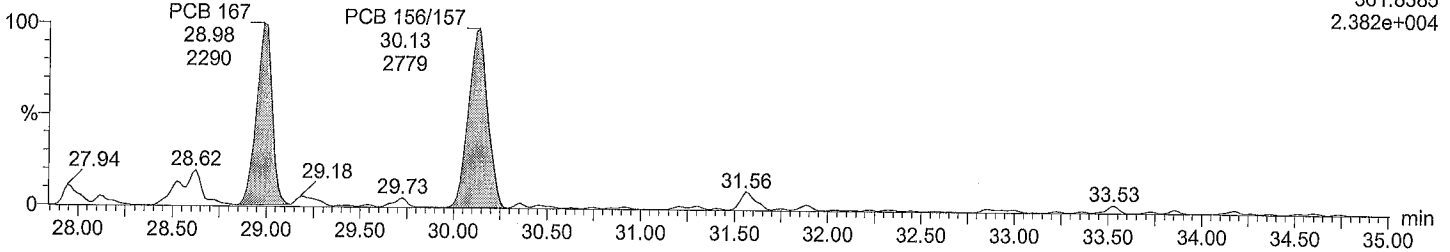
F6:Voltage SIR,EI+
359.8415
2.554e+004



Total HxCB F6

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI

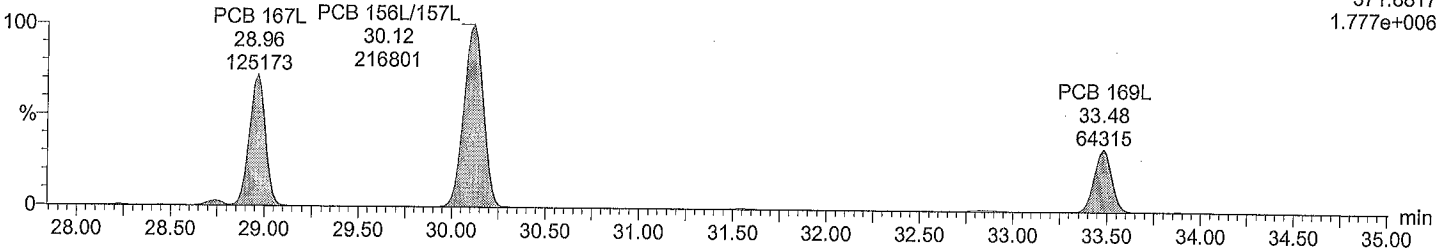
F6:Voltage SIR,EI+
361.8385
2.382e+004



Total HxCB labeled F6

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI

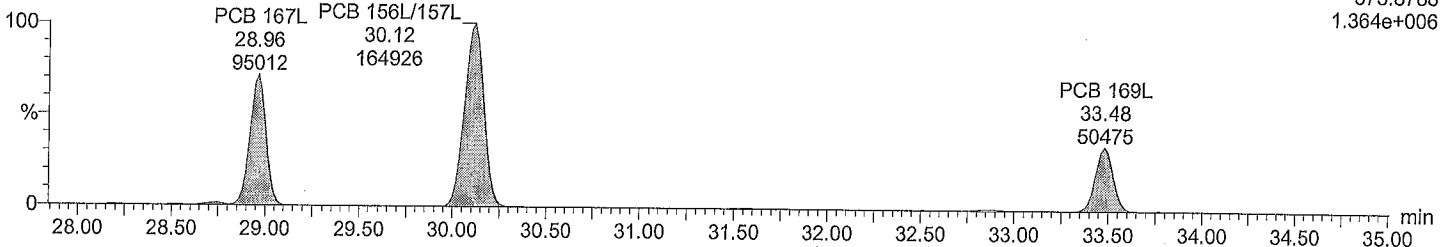
F6:Voltage SIR,EI+
371.8817
1.777e+006



Total HxCB labeled F6

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI

F6:Voltage SIR,EI+
373.8788
1.364e+006



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 5:28:50 PM
Printed: Wednesday, December 07, 2016 5:29:45 PM

Description: DIS276-01R

Vial: 13

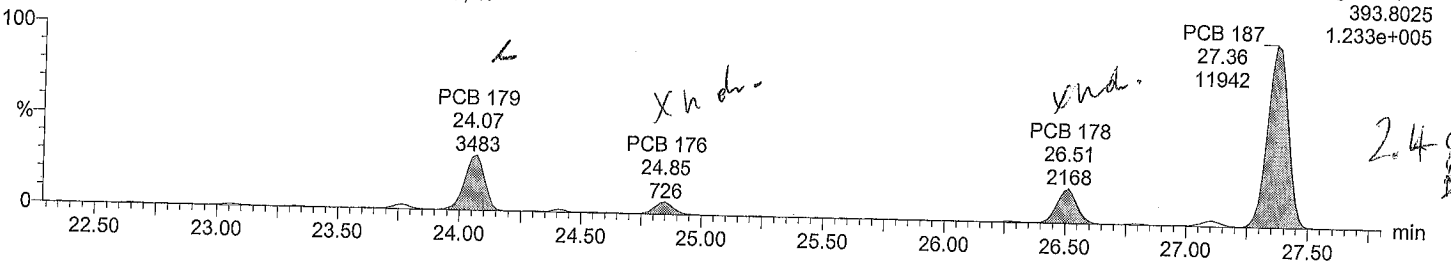
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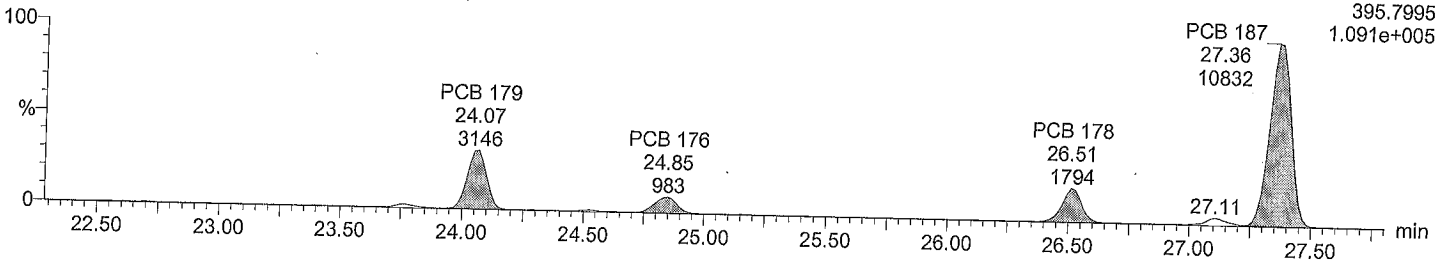
Total HpCB F5

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti



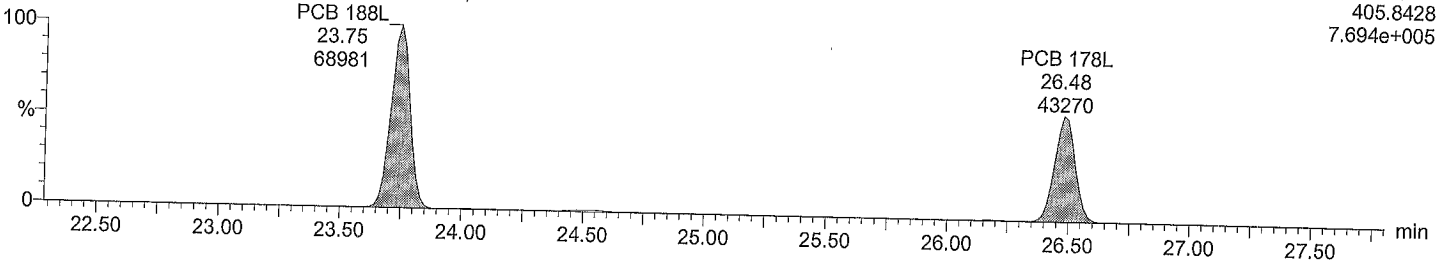
Total HpCB F5

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti



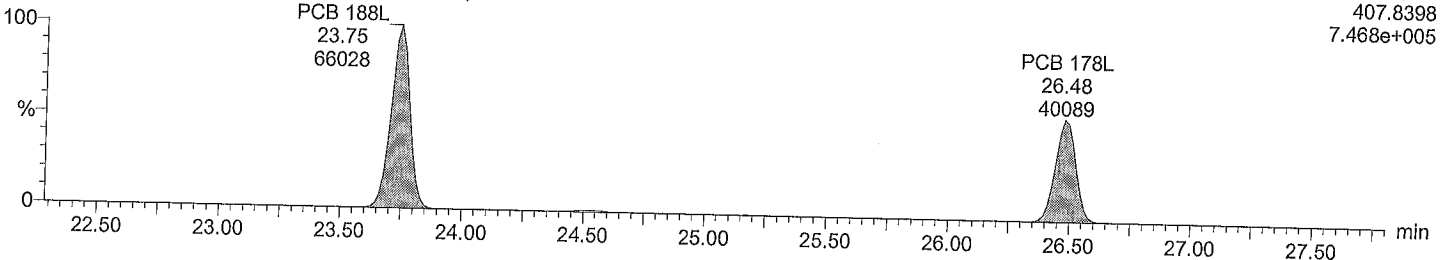
Total HpCB labeled F5

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti



Total HpCB labeled F5

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 5:28:50 PM

Printed: Wednesday, December 07, 2016 5:29:45 PM

Description: DIS276-01R

Vial: 13

Date: 06-Dec-2016

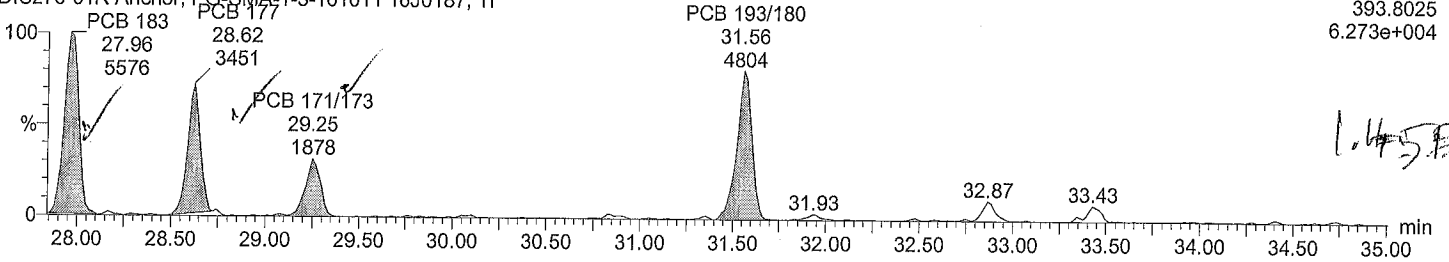
Time: 05:40:24

Instrument:

Total HpCB F6

M2161205B13 Smooth(SG,1x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI

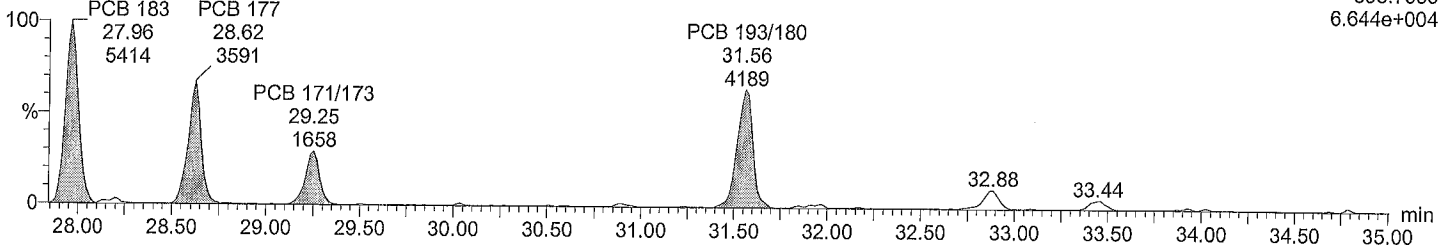
F6:Voltage SIR,EI+
393.8025
6.273e+004



Total HpCB F6

M2161205B13 Smooth(SG,1x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI

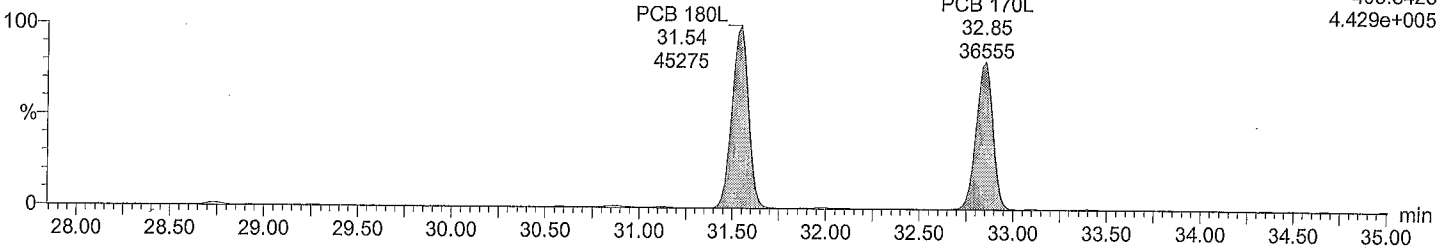
F6:Voltage SIR,EI+
395.7995
6.644e+004



Total HpCB labeled F6

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI

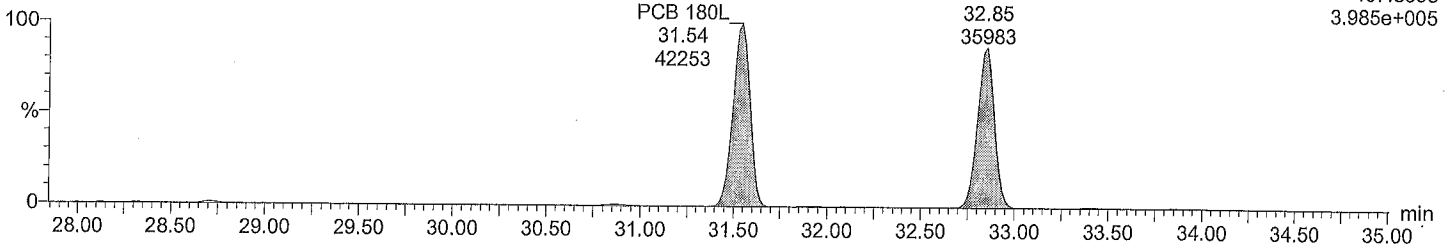
F6:Voltage SIR,EI+
405.8428
4.429e+005



Total HpCB labeled F6

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI

F6:Voltage SIR,EI+
407.8398
3.985e+005



Quantify Sample Report

Acquired Date

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Printed: Wednesday, December 07, 2016 5:29:45 PM

Description: DIS276-01R

Vial: 13

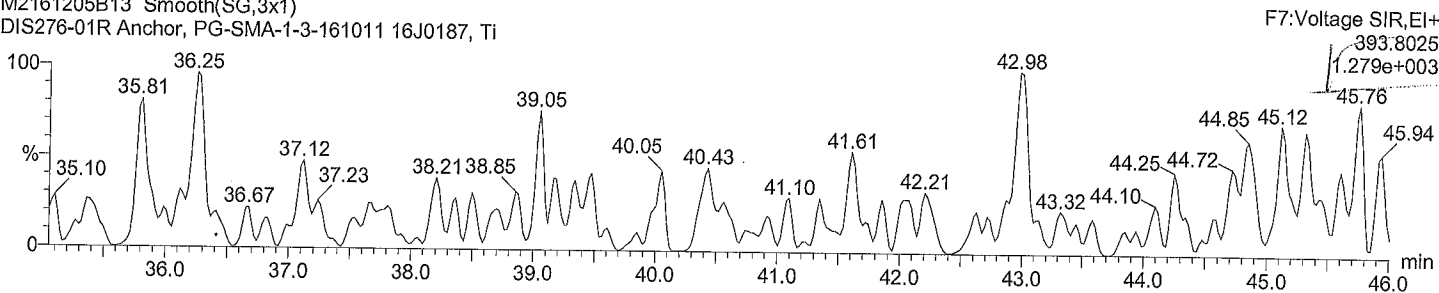
Date: 06-Dec-2016

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Instrument:

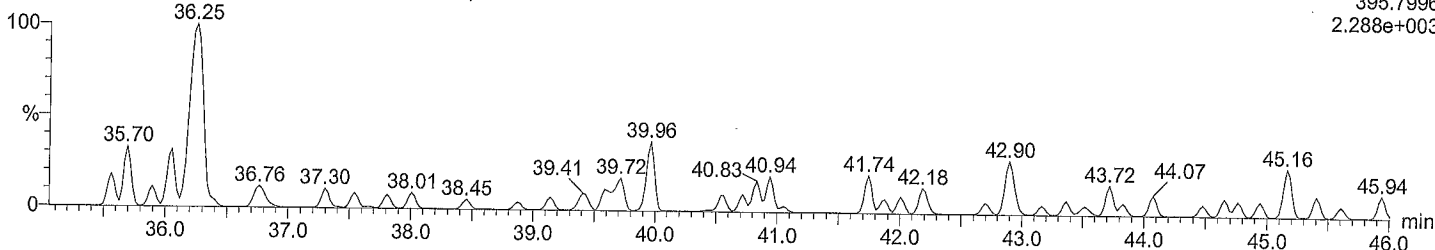
Total HpCB F7

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI



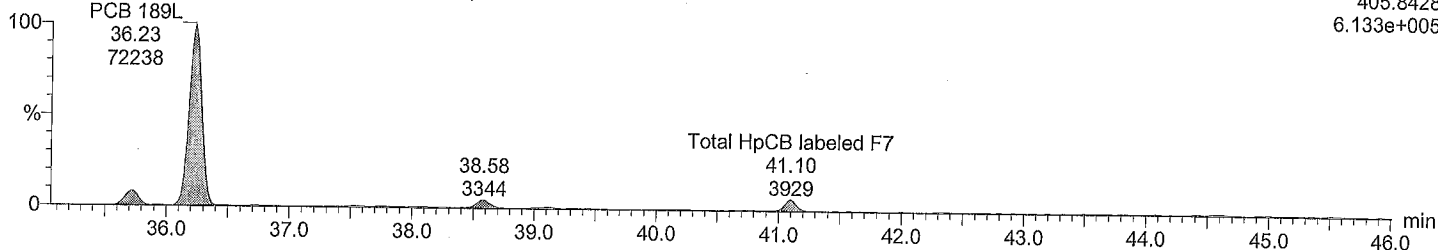
Total HpCB F7

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI



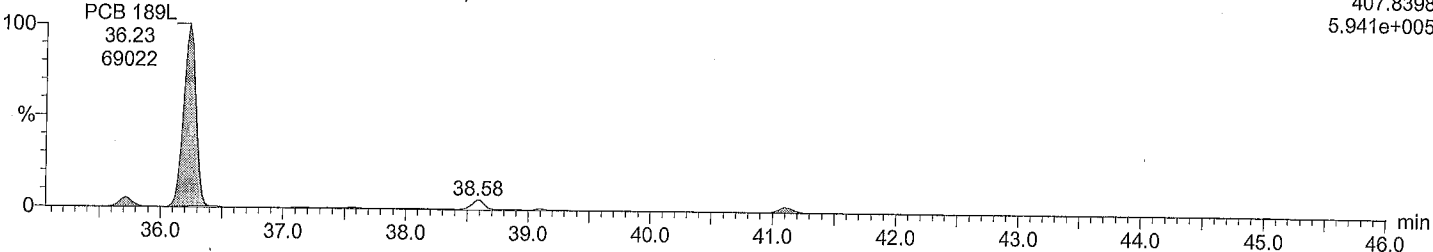
Total HpCB labeled F7

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI



Total HpCB labeled F7

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

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Printed: Wednesday, December 07, 2016 5:29:45 PM

Description: DIS276-01R

Vial: 13

Date: 06-Dec-2016

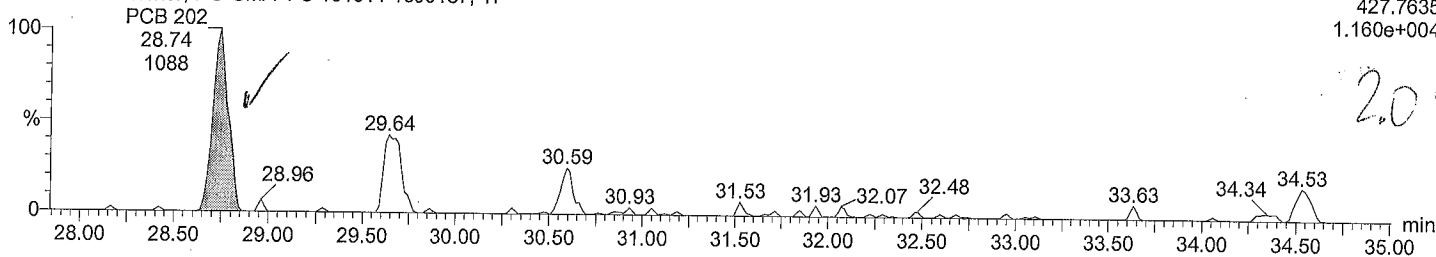
Time: 05:40:24

Instrument:

Total OcCB F6

M2161205B13 Smooth(SG,1x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI

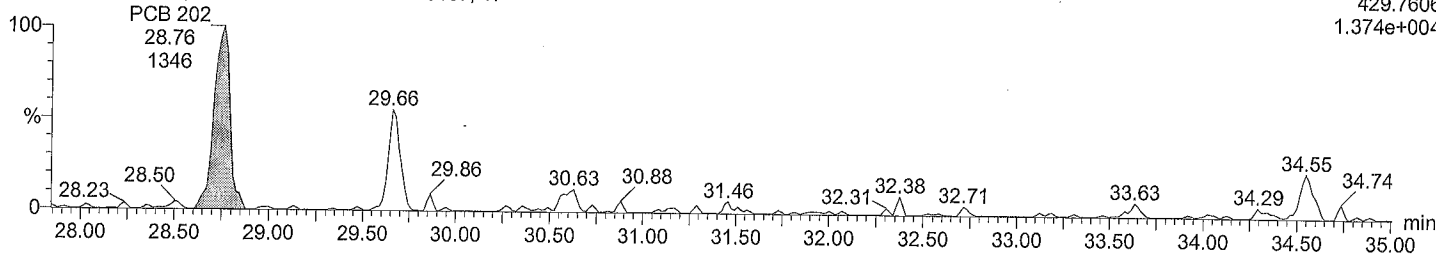
F6:Voltage SIR,EI+
427.7635
1.160e+004



Total OcCB F6

M2161205B13 Smooth(SG,1x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI

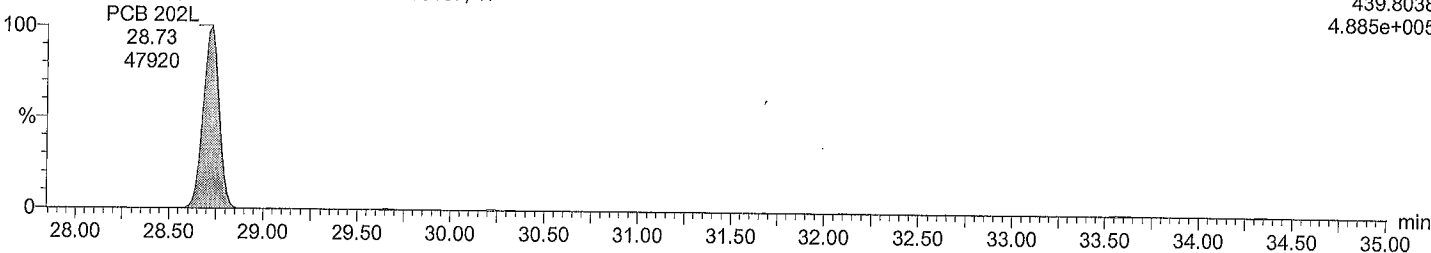
F6:Voltage SIR,EI+
429.7606
1.374e+004



Total OcCB labeled F6

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI

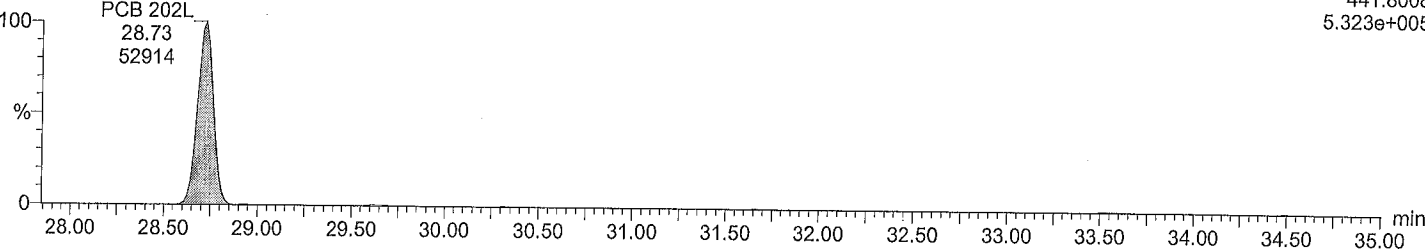
F6:Voltage SIR,EI+
439.8038
4.885e+005



Total OcCB labeled F6

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, TI

F6:Voltage SIR,EI+
441.8008
5.323e+005



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

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Description: DIS276-01R

Vial: 13

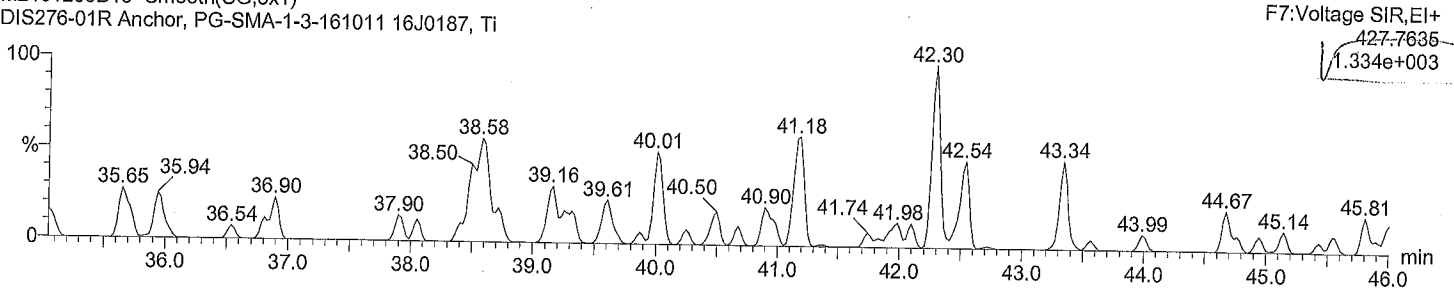
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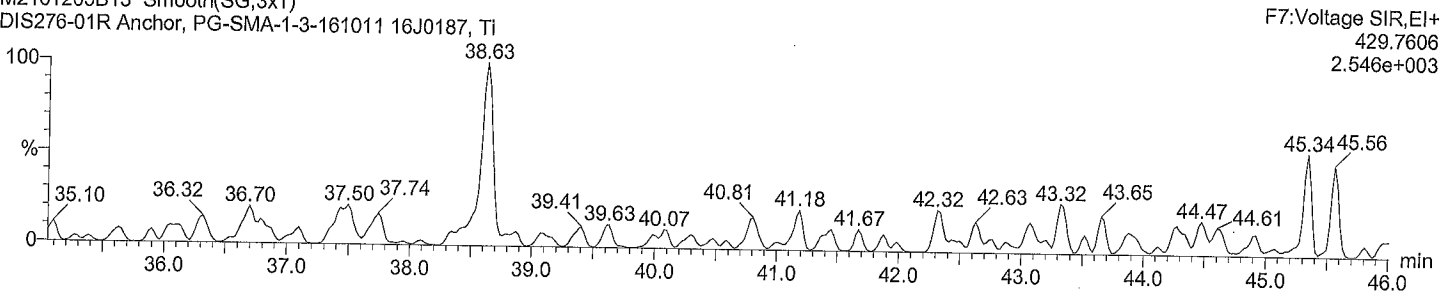
Total OcCB F7

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DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti



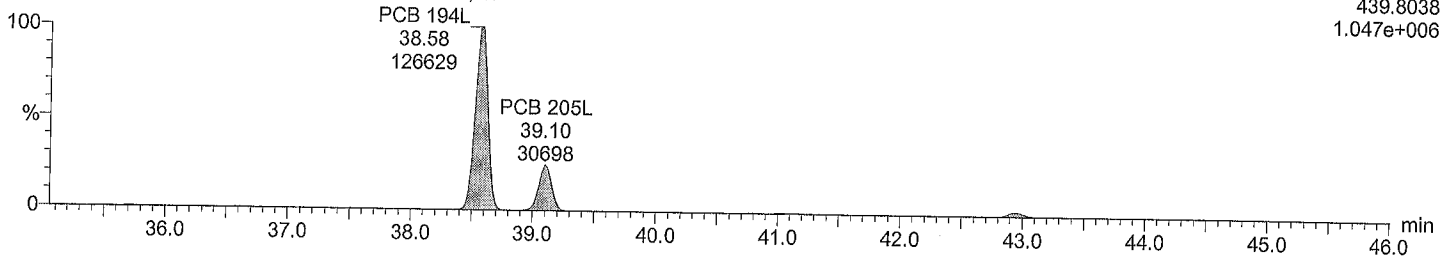
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DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti



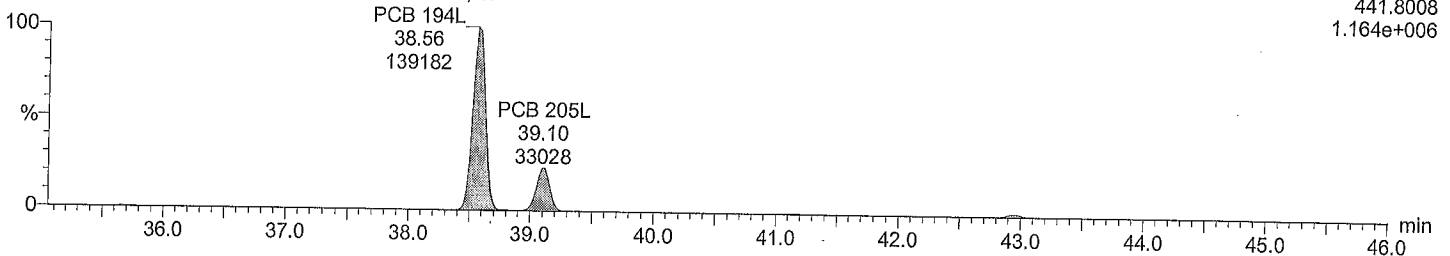
Total OcCB labeled F7

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DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti



Total OcCB labeled F7

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

Last Altered: Wednesday, December 07, 2016 5:28:50 PM

Printed: Wednesday, December 07, 2016 5:29:45 PM

Description: DIS276-01R

Vial: 13

Date: 06-Dec-2016

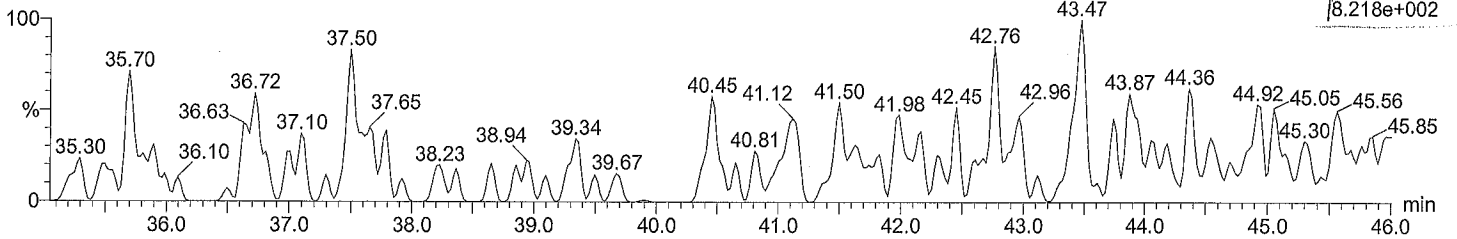
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Instrument:

Total NoCB F7

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DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti

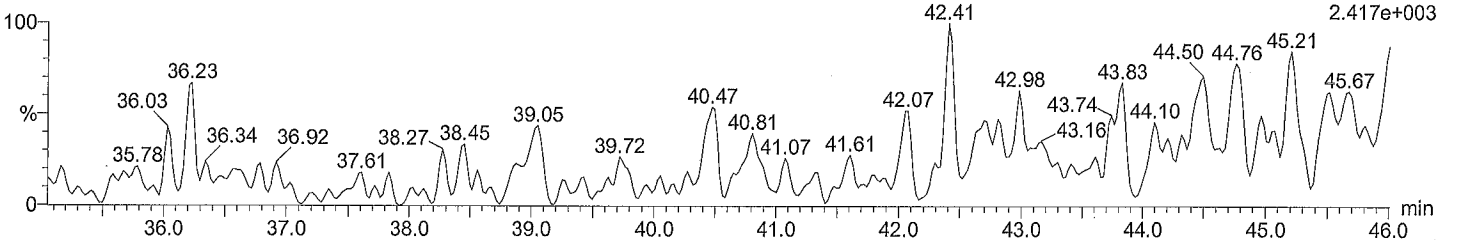
F7:Voltage SIR,EI+
461.7246
8.218e+002



Total NoCB F7

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti

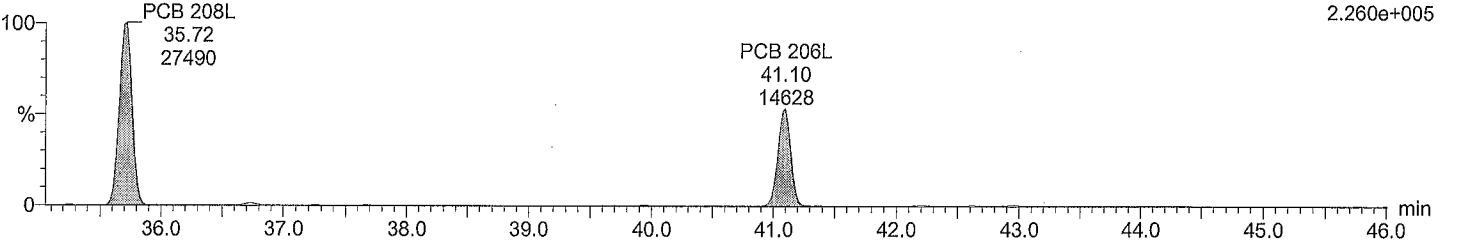
F7:Voltage SIR,EI+
463.7216
2.417e+003



Total NoCB labeled F7

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti

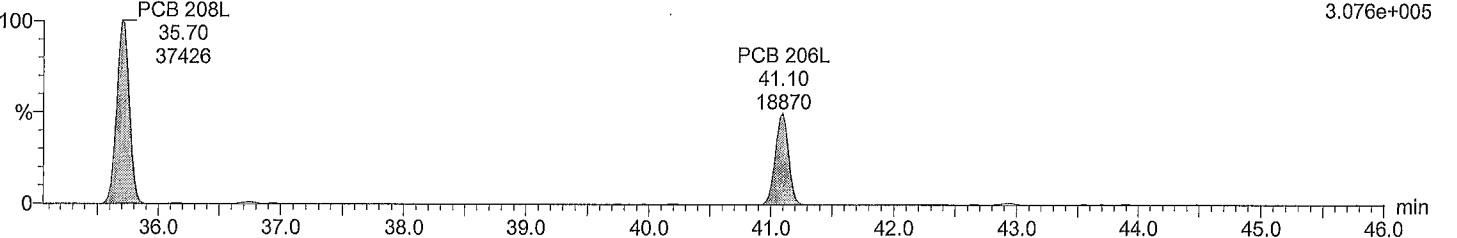
F7:Voltage SIR,EI+
473.7648
2.260e+005



Total NoCB labeled F7

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti

F7:Voltage SIR,EI+
475.7619
3.076e+005



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_M2161205B_sampTI_1668A.qld

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Printed: Wednesday, December 07, 2016 5:29:45 PM

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Vial: 13

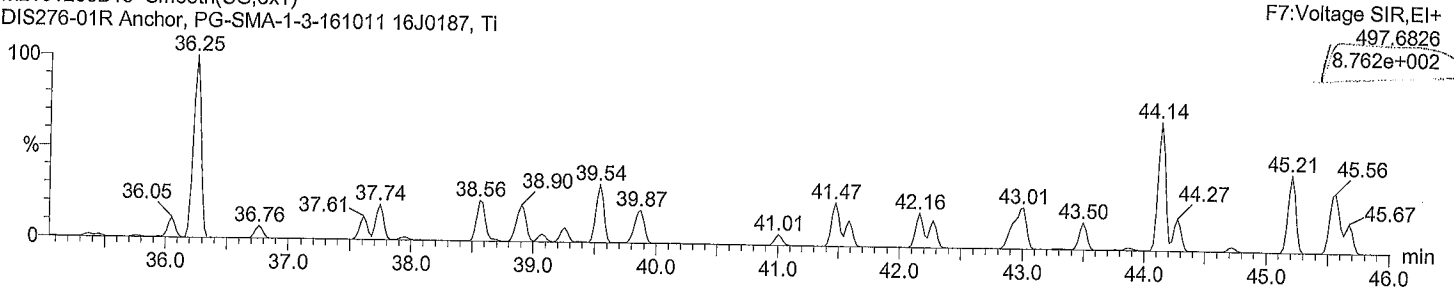
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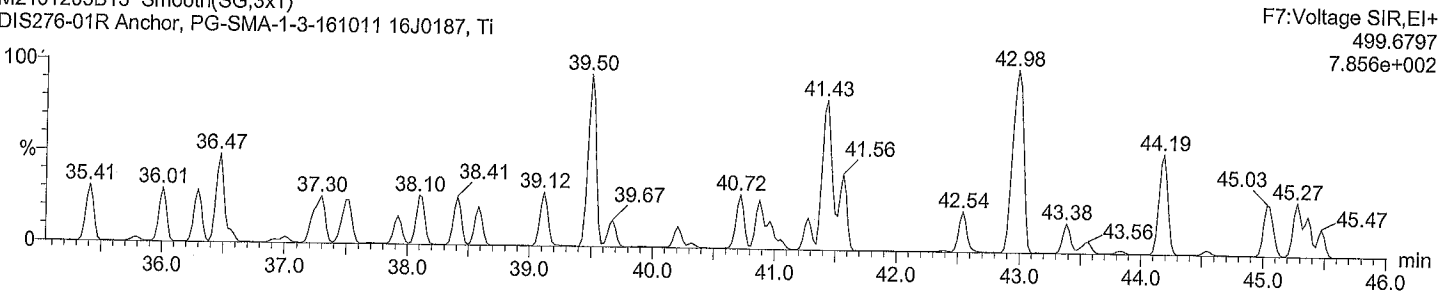
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DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti



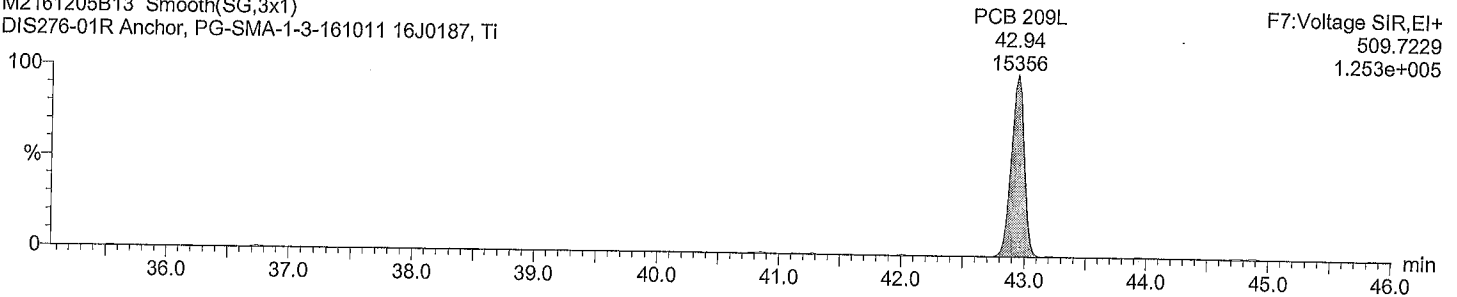
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DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti



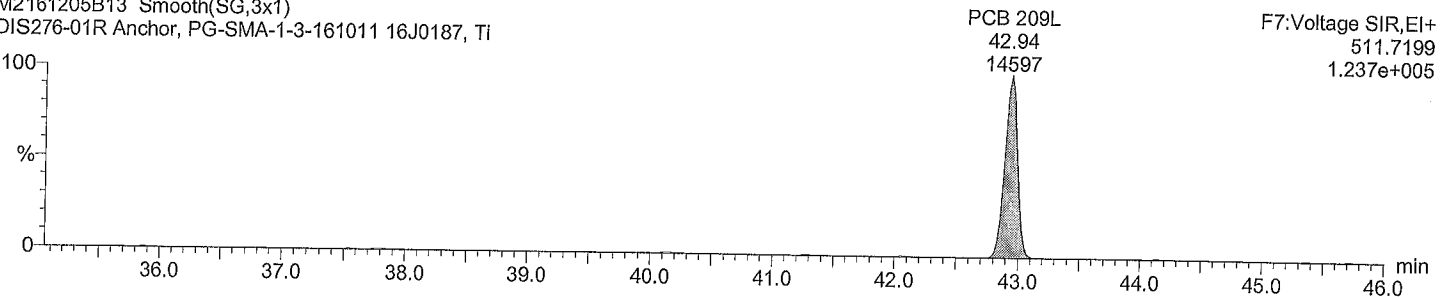
Total DeCB labeled F7

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti



Total DeCB labeled F7

M2161205B13 Smooth(SG,3x1)
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2161205A_\M2161205B_sampTI_1668A.qld

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Printed: Wednesday, December 07, 2016 5:29:45 PM

Description: DIS276-01R

Vial: 13

Date: 06-Dec-2016

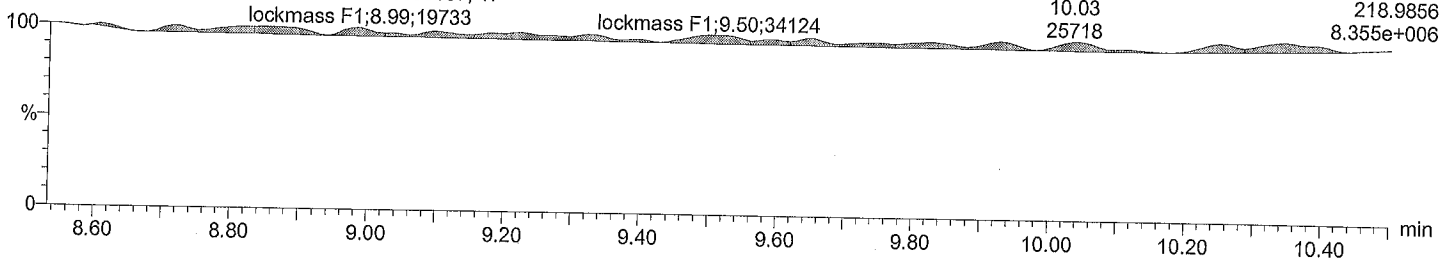
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Instrument:

lockmass F1

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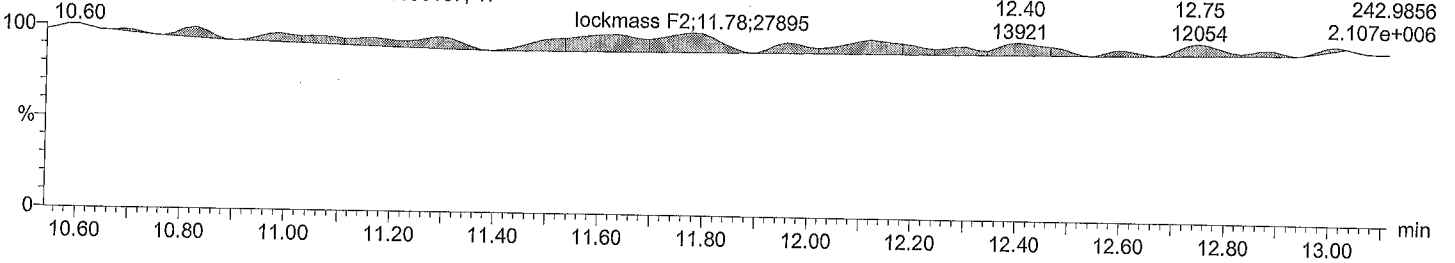
DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti



lockmass F2

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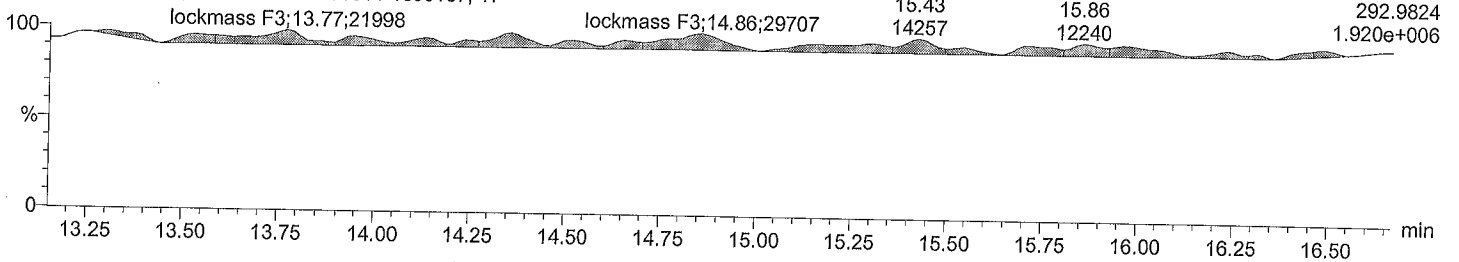
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lockmass F3

M2161205B13 Smooth(SG,3x1)

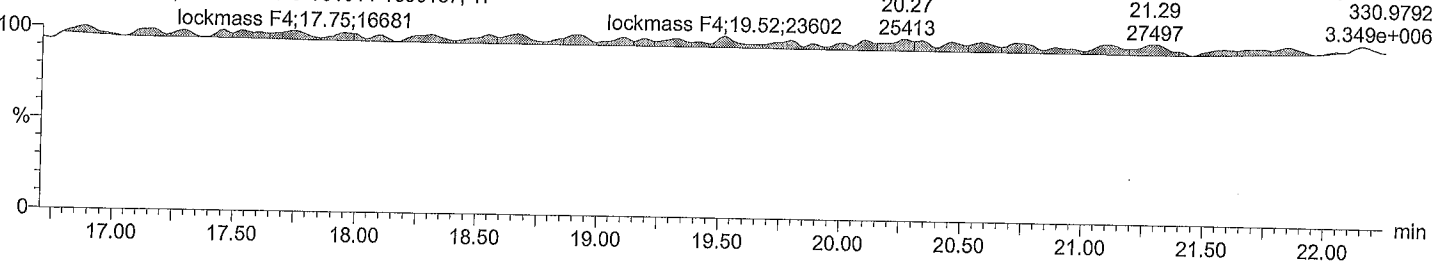
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lockmass F4

M2161205B13 Smooth(SG,3x1)

DIS276-01R Anchor, PG-SMA-1-3-161011 16J0187, Ti



Acquired Date

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Printed: Wednesday, December 07, 2016 5:29:45 PM

Description: DIS276-01R

Vial: 13

Date: 06-Dec-2016

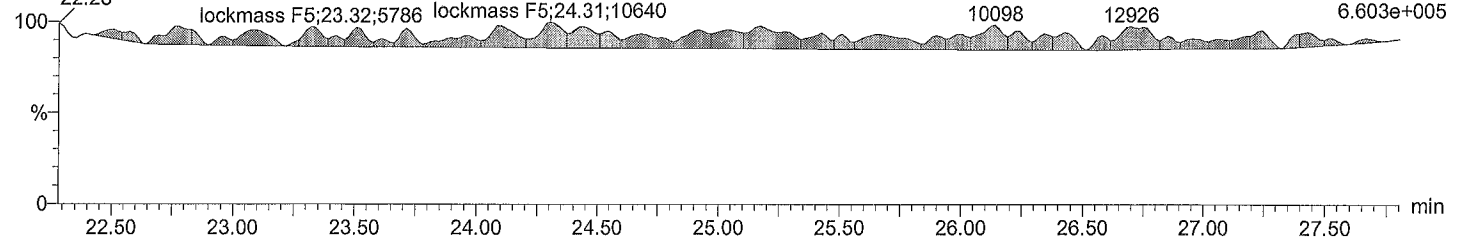
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Instrument:

lockmass F5

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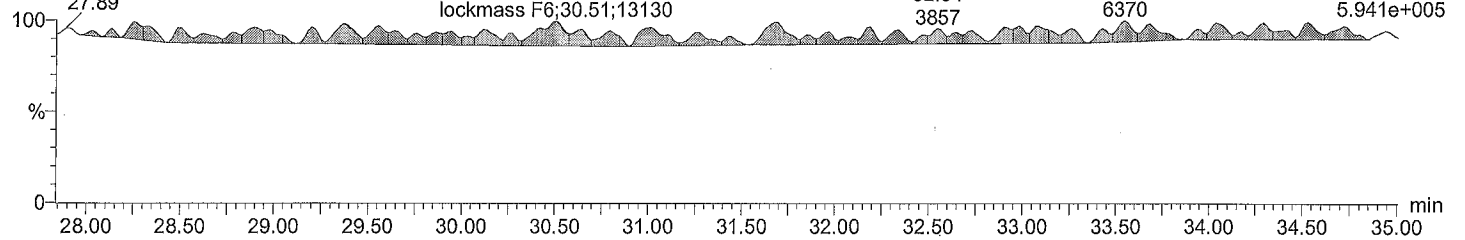
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lockmass F6

M2161205B13 Smooth(SG,3x1)

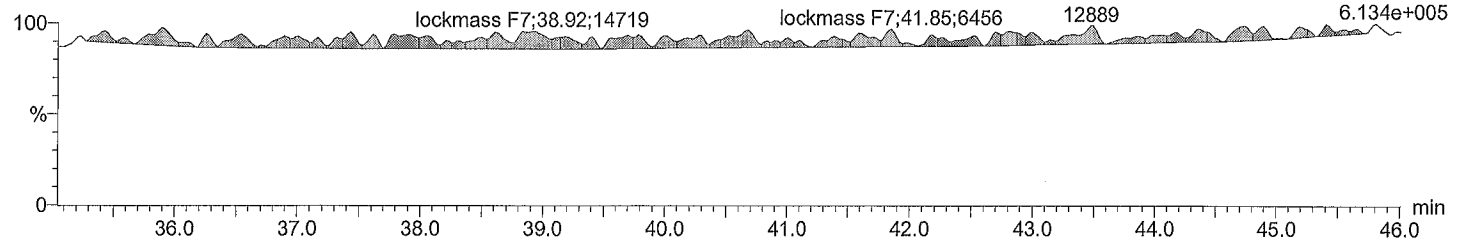
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lockmass F7

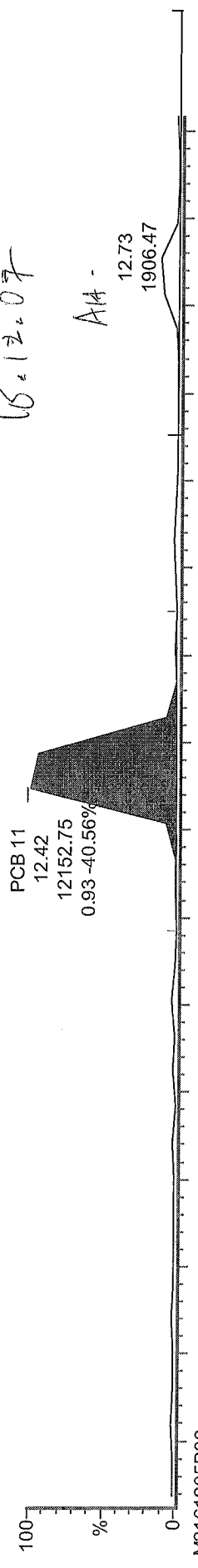
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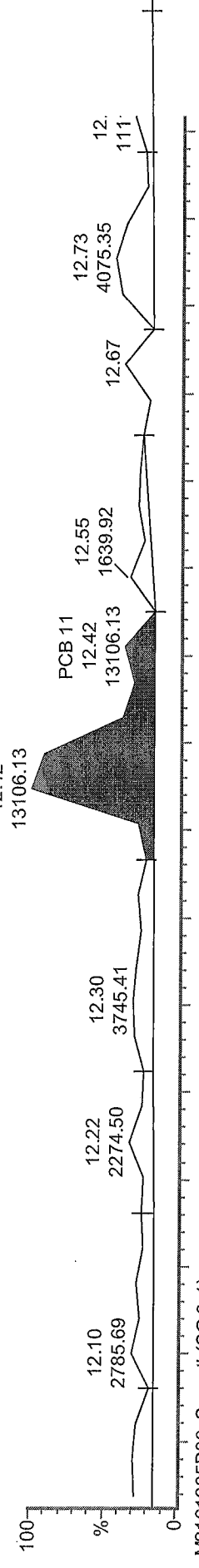


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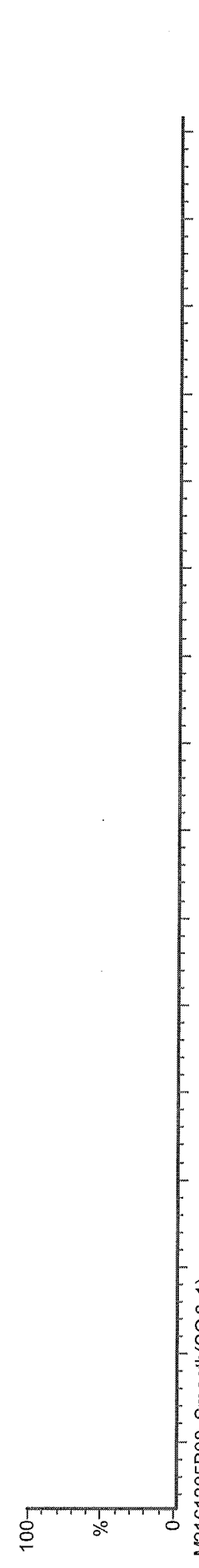
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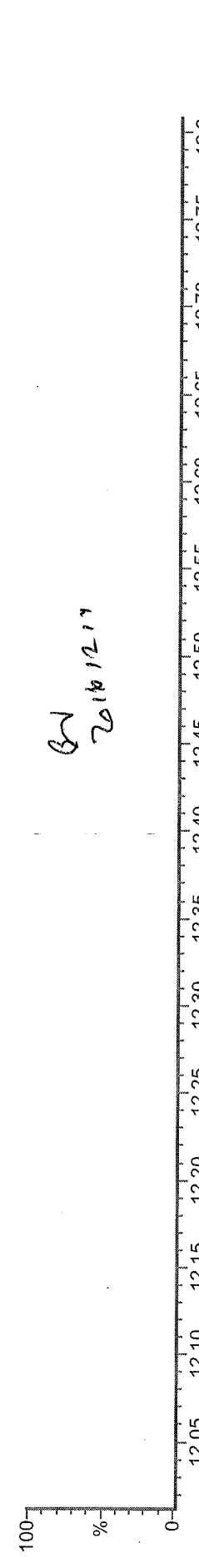
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DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, T1



M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, T1



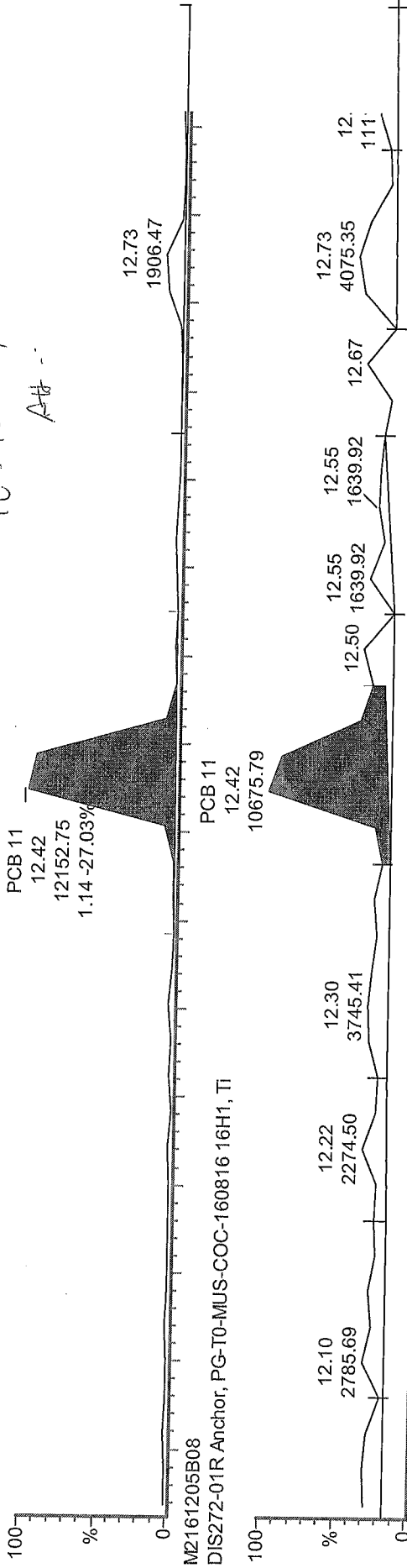
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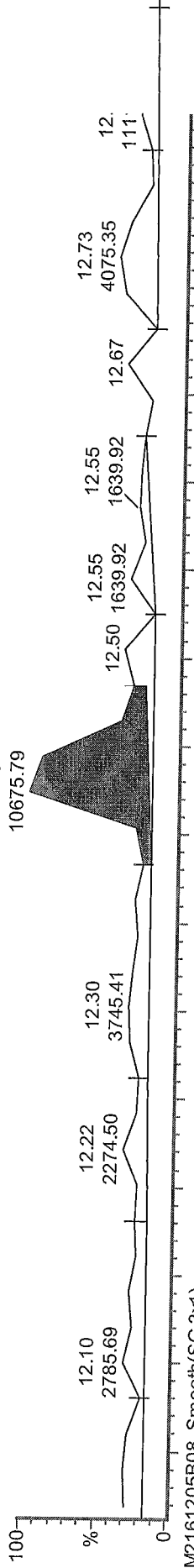
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✓ MS. NDR.
 16.12.07
 Ath

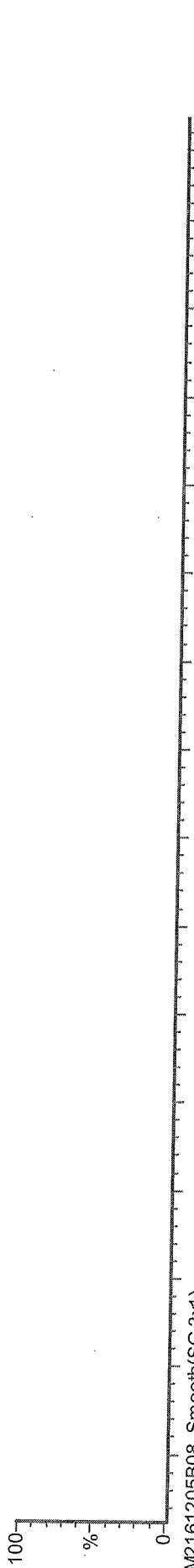
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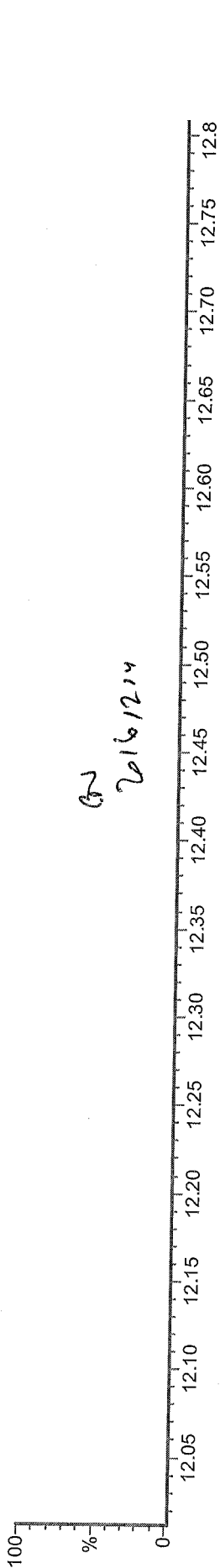
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 DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI



M2161205B08 Smooth(SG,3x1)
 DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI



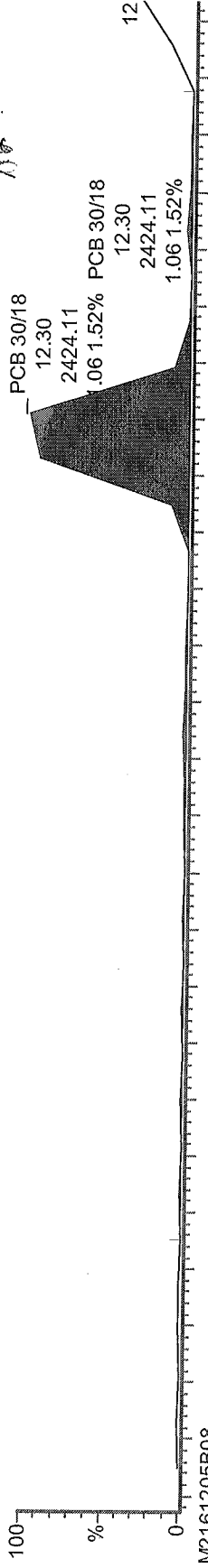
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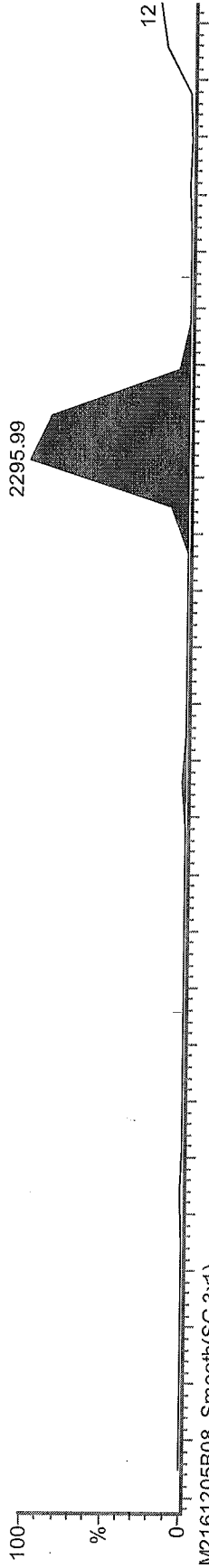
62
 2016/12/14

Before
16.12.07
At

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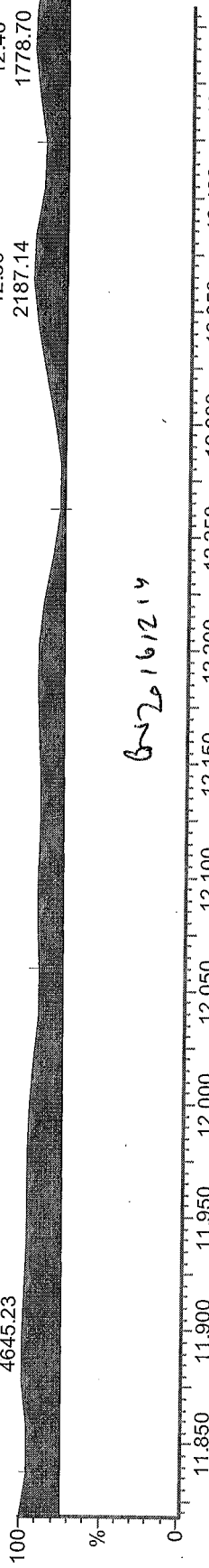
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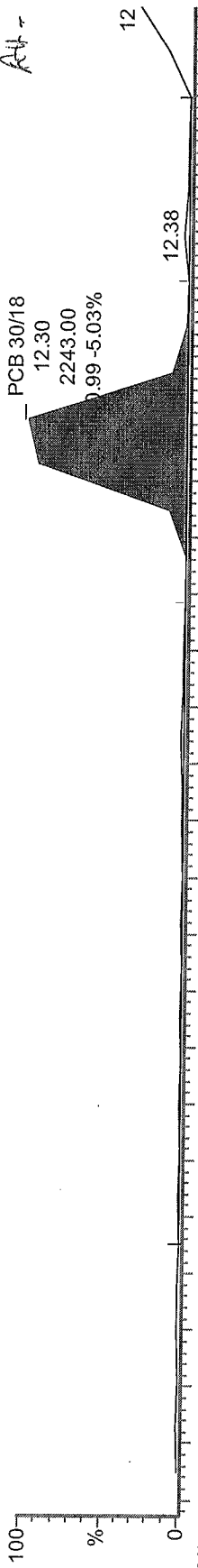


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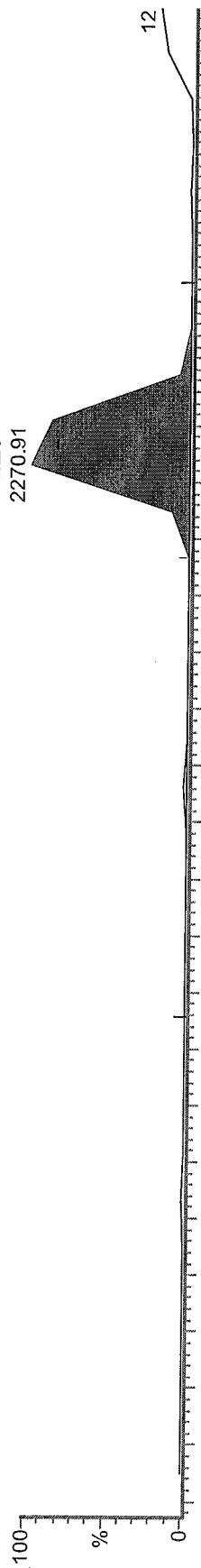


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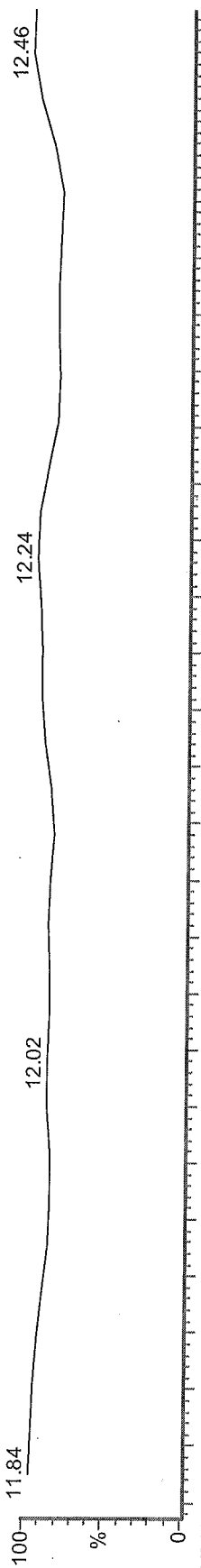
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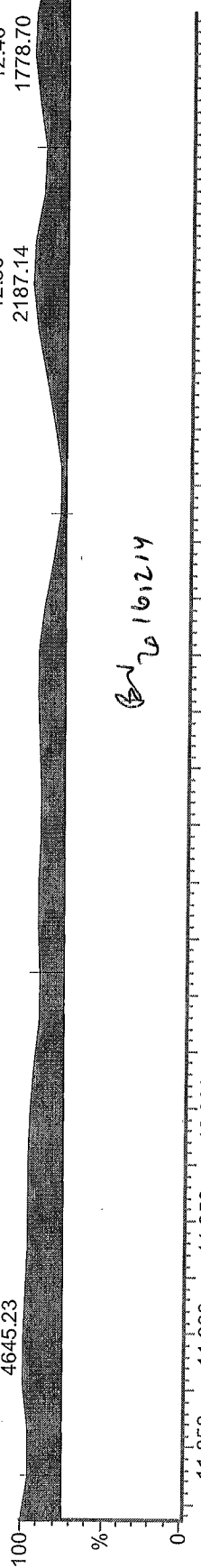
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DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI



M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI



M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI

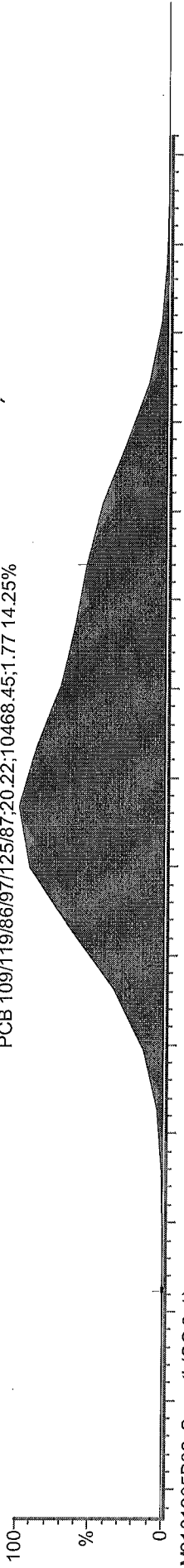


B-161214

Before
16.12.07
AH...

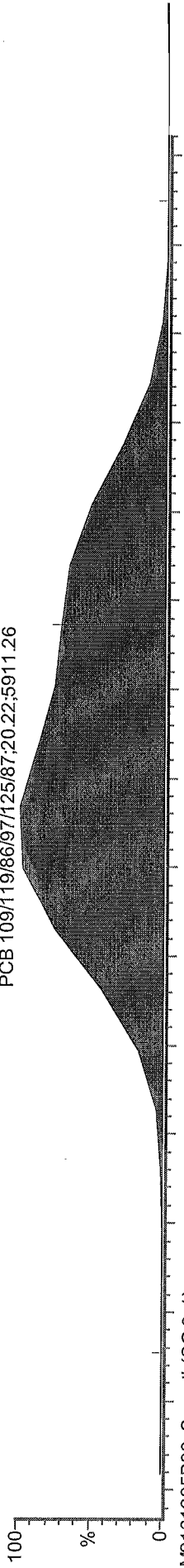
M2161205B08 Smooth(SG,2x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI

PCB 109/119/86/97/125/87;20.22;10468.45;1.77 14.25%

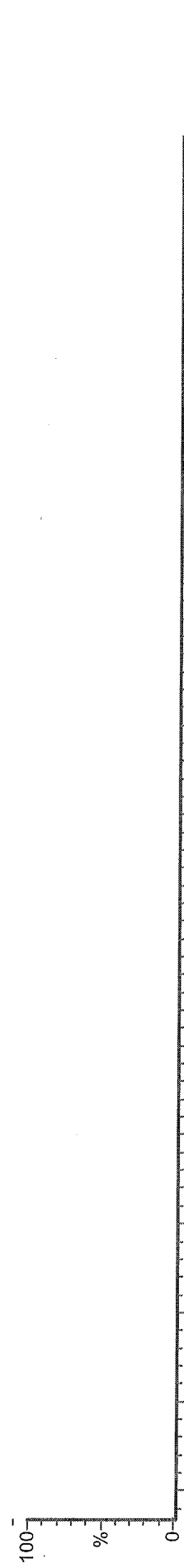


M2161205B08 Smooth(SG,2x1)
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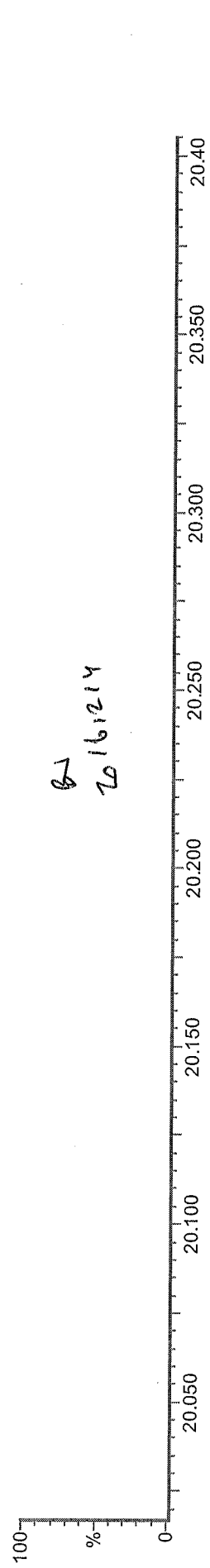


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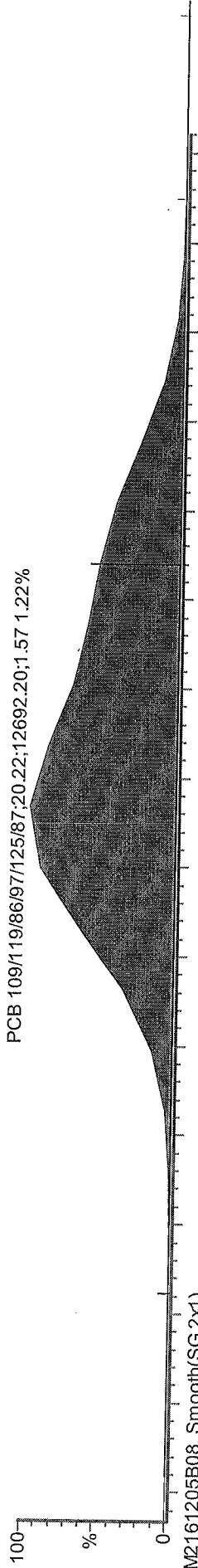


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DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI

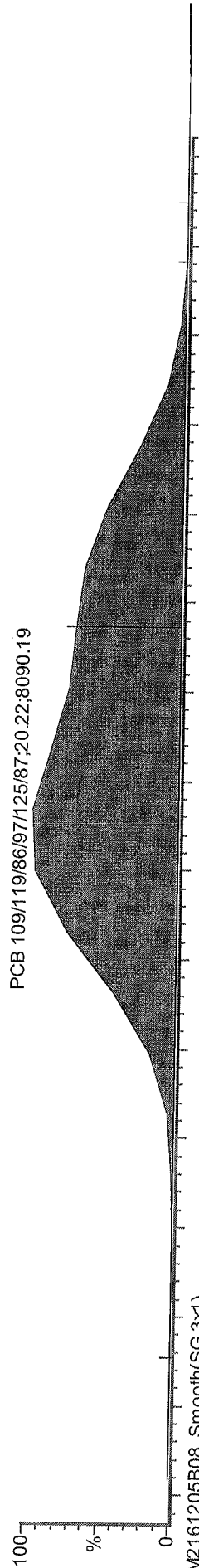
6-1
20161214



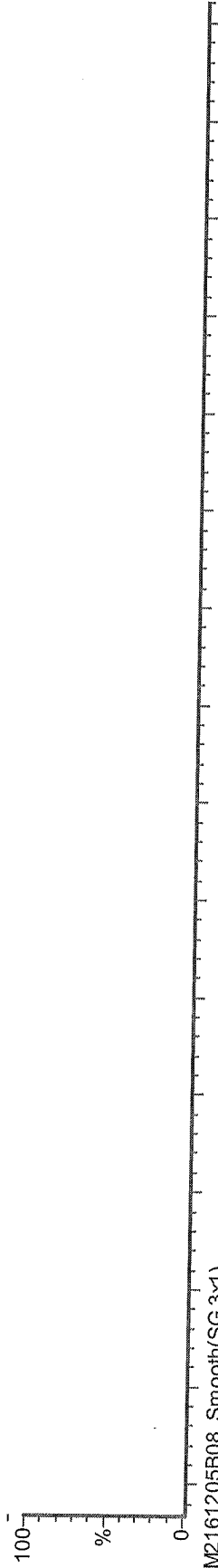
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DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Tl



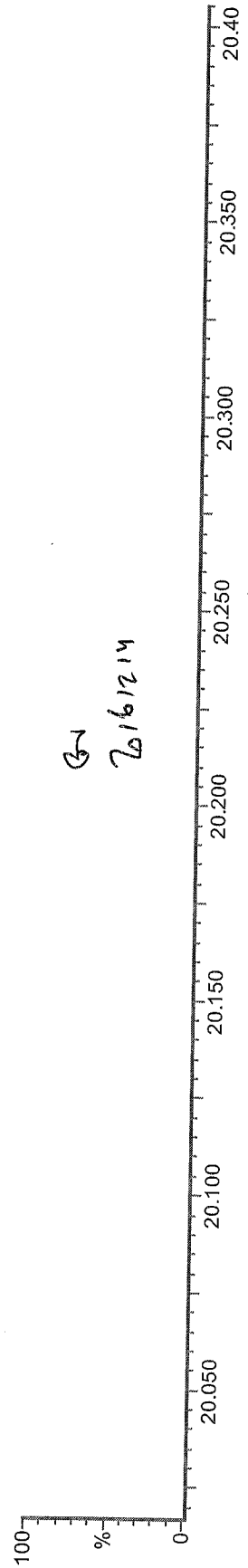
M2161205B08 Smooth(SG,2x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Tl



M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, Tl

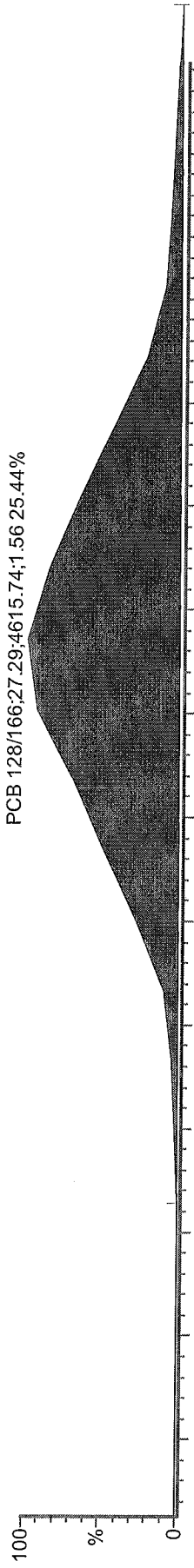


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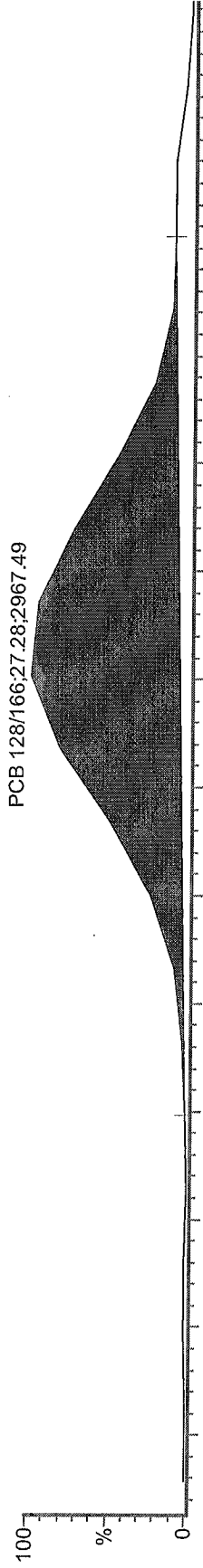


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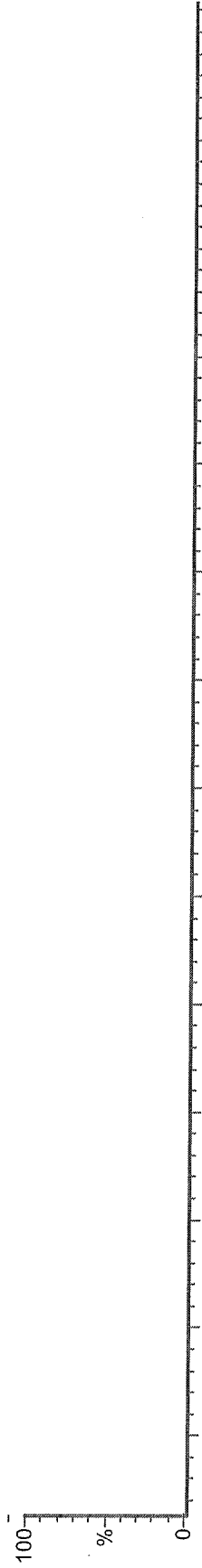
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DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI



M2161205B08 Smooth(SG,1x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI



M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI



M2161205B08 Smooth(SG,3x1)
DIS272-01R Anchor, PG-T0-MUS-COC-160816 16H1, TI

