Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091020\
Data File : PO071267.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Sep 2020 13:42
Operator : DD\AJ
Sample : AR1242CCC500
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** ECD_O
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 15:40:59 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO090920.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 09 16:04:54 2020
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml | |
|---|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | | |
| 1) | SA Tetrachlo... | 4.350 | 3.532 | 4509848 | 2301850 | 63.638 | 58.960 | |
| 2) | SA Decachlor... | 9.962 | 8.712 | 4925303 | 2692314 | 52.816 | 48.876 | |
| | Target Compounds | | | | | | | |
| 3) | L1 AR-1016-1 | 5.653 | 4.756 | 1341654 | 711305 | 461.555 | 414.362 | |
| 4) | L1 AR-1016-2 | 5.674 | 4.774 | 1913682 | 1012880 | 448.458 | 418.096 | |
| 5) | L1 AR-1016-3 | 5.737 | 4.959 | 1132431 | 543902 | 446.423 | 428.519 | |
| 6) | L1 AR-1016-4 | 5.843 | 5.016 | 945359 | 453887 | 441.659 | 430.173 | |
| 7) | L1 AR-1016-5 | 6.152 | 5.236 | 915940 | 575781 | 447.485 | 423.335 | |
| 8) | L2 AR-1221-1 | 4.603 | 3.781 | 130512 | 69208 | 179.431 | 152.203 | |
| 9) | L2 AR-1221-2 | 4.699 | 3.877 | 181293 | 102183 | 328.580 | 300.174 | |
| 10) | L2 AR-1221-3 | 4.787 | 3.963 | 650448 | 374996 | 357.837 | 348.574 | |
| 11) | L3 AR-1232-1 | 4.787 | 3.963 | 650448 | 374996 | 434.557 | 411.923 | |
| 12) | L3 AR-1232-2 | 5.359 | 4.774 | 851201 | 1012880 | 1046.701 | 1011.726 | |
| 13) | L3 AR-1232-3 | 5.674 | 4.959 | 1913682 | 543902 | 1116.924 | 1053.854 | |
| 14) | L3 AR-1232-4 | 5.843 | 5.057 | 945359 | 497653 | 1136.592 | 1129.994 | |
| 15) | L3 AR-1232-5 | 5.941 | 5.236 | 694359 | 575781 | 1201.827 | 1109.317 | |
| 16) | L4 AR-1242-1 | 5.653 | 4.756 | 1341654 | 711305 | 573.275 | 537.738 | |
| 17) | L4 AR-1242-2 | 5.674 | 4.774 | 1913682 | 1012880 | 564.538 | 550.041 | |
| 18) | L4 AR-1242-3 | 5.737 | 4.959 | 1132431 | 543902 | 559.196 | 558.109 | |
| 19) | L4 AR-1242-4 | 5.843 | 5.057 | 945359 | 497653 | 557.960 | 546.810 | |
| 20) | L4 AR-1242-5 | 6.613 | 5.611 | 1081230 | 719004 | 487.327 | 519.539 | |
| 21) | L5 AR-1248-1 | 5.653 | 4.756 | 1341654 | 711305 | 797.682 | 723.251 | |
| 22) | L5 AR-1248-2 | 5.941 | 5.016 | 694359 | 453887 | 314.499 | 346.497 | |
| 23) | L5 AR-1248-3 | 6.152 | 5.057 | 915940 | 497653 | 347.943 | 405.325 | |
| 24) | L5 AR-1248-4 | 6.576 | 5.236 | 1083067 | 575781 | 298.043 | 359.073 | |
| 25) | L5 AR-1248-5 | 6.613 | 5.653 | 1081230 | 613278 | 324.919 | 357.814 | |
| 26) | L6 AR-1254-1 | 6.544 | 5.611 | 810074 | 719004 | 230.895 | 270.303 | |
| 27) | L6 AR-1254-2 | 6.774 | 5.771 | 918739 | 173531 | 159.774 | 73.349 | # |
| 28) | L6 AR-1254-3 | 7.146 | 6.180 | 362990 | 230435 | 61.036 | 60.166 | |
| 29) | L6 AR-1254-4 | 7.441 | 6.420 | 390082 | 186452 | 67.149 | 67.580 | |
| 30) | L6 AR-1254-5 | 7.860 | 6.841 | 58426 | 57651 | 10.474 | 15.184 | # |
| 31) | L7 AR-1260-1 | 0.000 | 6.320 | 0 | 141824 | N.D. | 50.904 | # |
| 34) | L7 AR-1260-4 | 8.154 | 0.000 | 86559 | 0 | 15.121 | N.D. | # |
| 36) | L8 AR-1262-1 | 0.000 | 6.841 | 0 | 57651 | N.D. | 28.577 | # |
| 43) | L9 AR-1268-3 | 9.007 | 0.000 | 66331 | 0 | 5.626 | N.D. | # |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

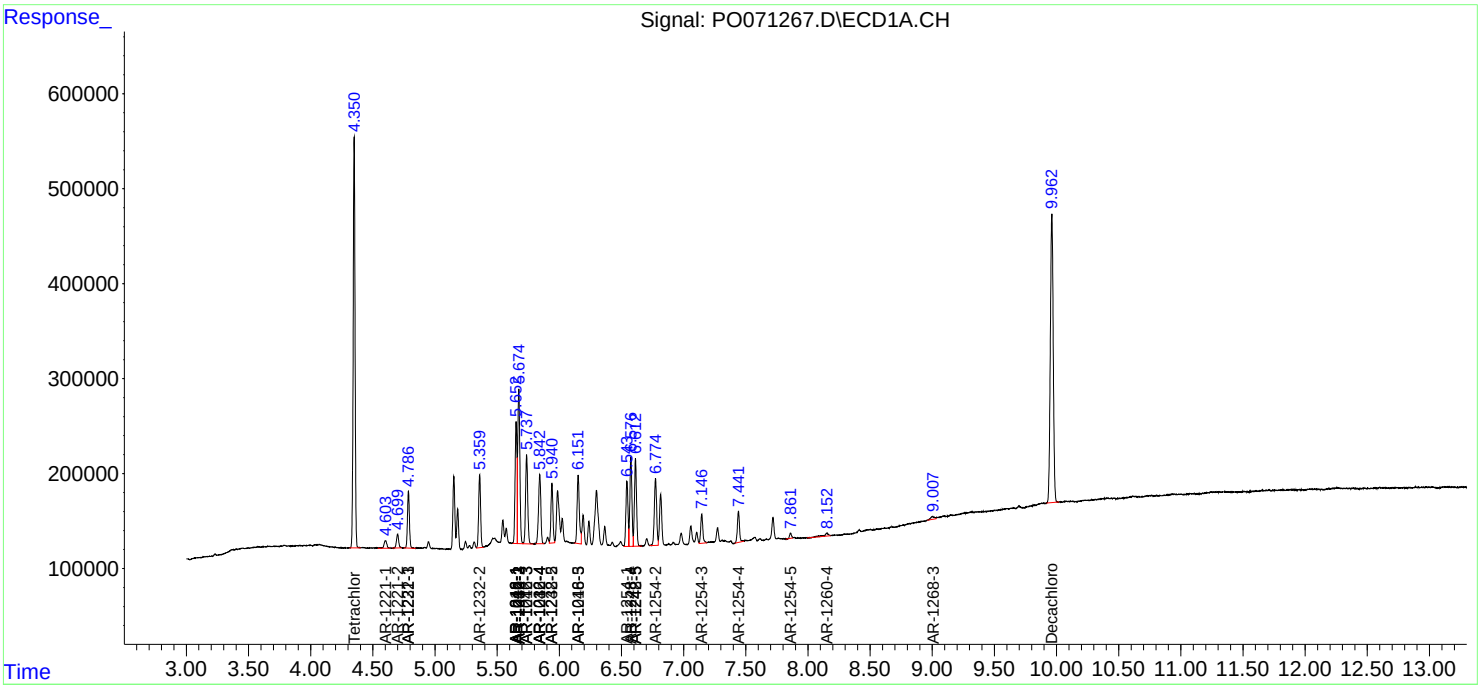
Quantitation Report (Not Reviewed)

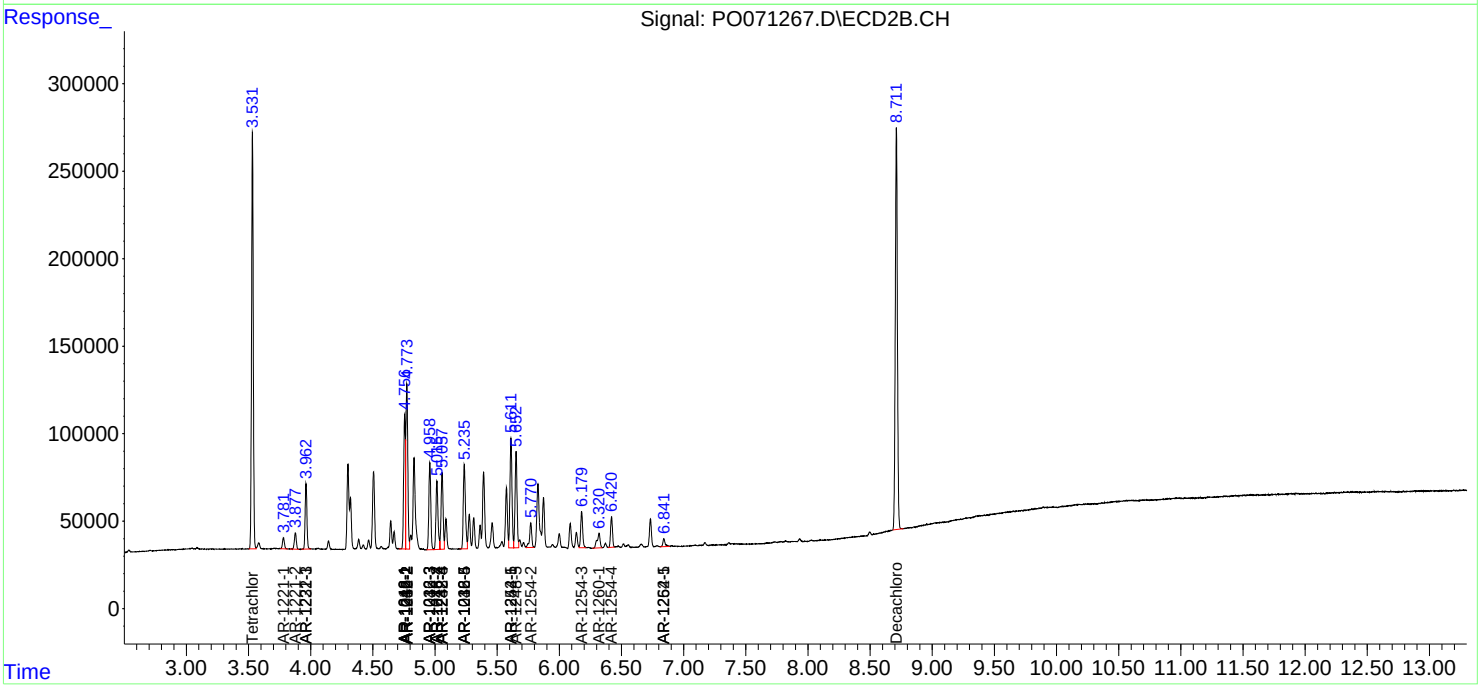
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091020\
Data File : PO071267.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Sep 2020 13:42
Operator : DD\AJ
Sample : AR1242CCC500
Misc :
ALS Vial : 16 Sample Multiplier: 1

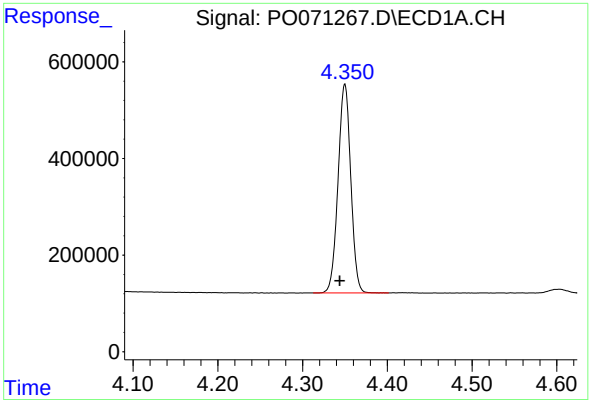
**Instrument :**
ECD_O
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 15:40:59 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO090920.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 09 16:04:54 2020
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



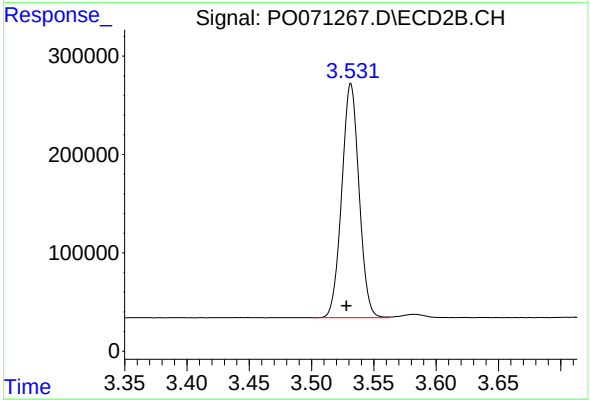






#1 Tetrachloro-m-xylene

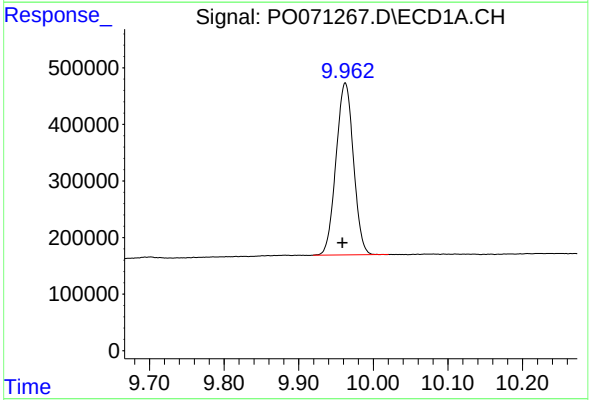
R.T.: 4.350 min
Delta R.T.: 0.006 min
Response: 4509848
Conc: 63.64 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



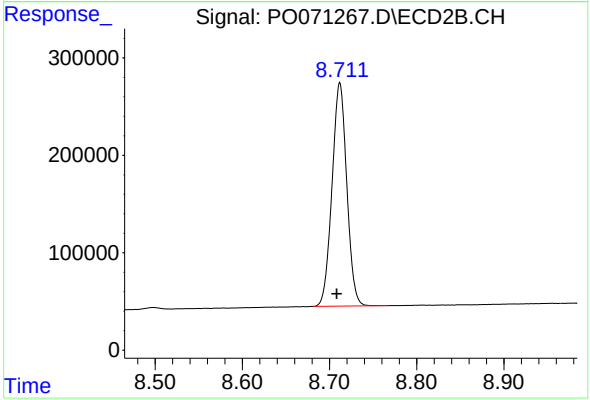

#1 Tetrachloro-m-xylene

R.T.: 3.532 min
Delta R.T.: 0.004 min
Response: 2301850
Conc: 58.96 ng/ml



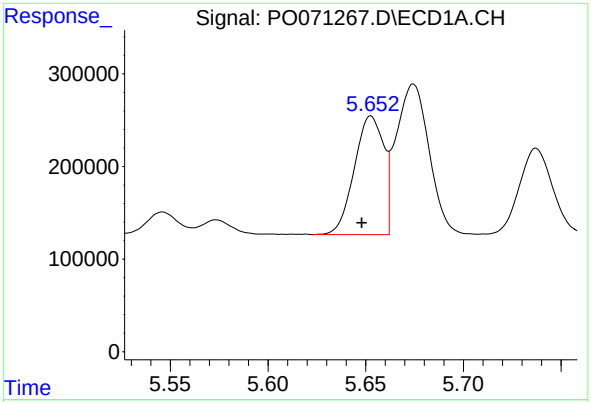

#2 Decachlorobiphenyl

R.T.: 9.962 min
Delta R.T.: 0.004 min
Response: 4925303
Conc: 52.82 ng/ml




#2 Decachlorobiphenyl

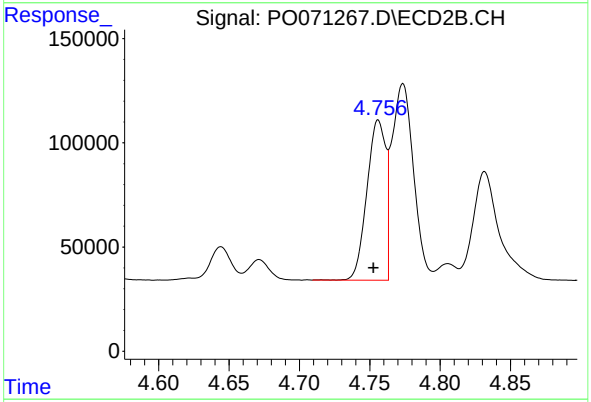
R.T.: 8.712 min
Delta R.T.: 0.004 min
Response: 2692314
Conc: 48.88 ng/ml




#3 AR-1016-1

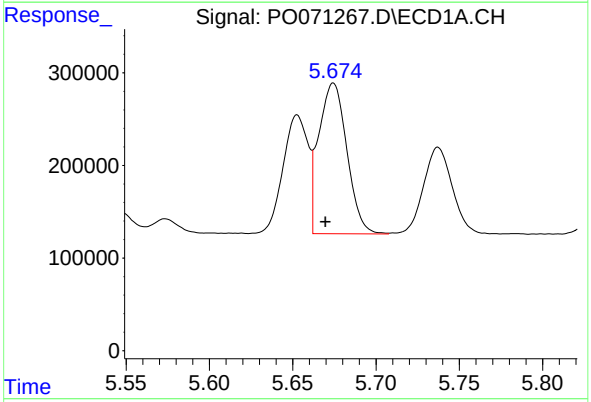
R.T.: 5.653 min
Delta R.T.: 0.005 min
Response: 1341654
Conc: 461.56 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



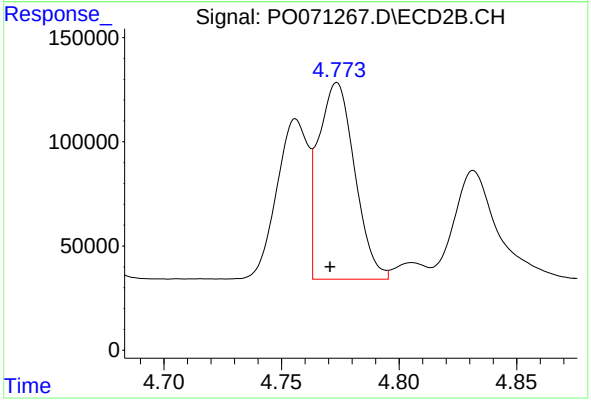

#3 AR-1016-1

R.T.: 4.756 min
Delta R.T.: 0.003 min
Response: 711305
Conc: 414.36 ng/ml



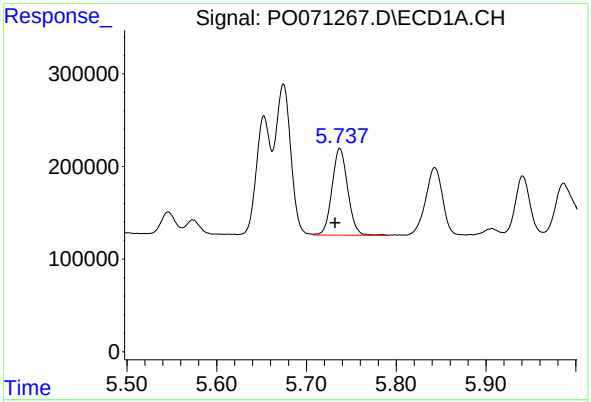

#4 AR-1016-2

R.T.: 5.674 min
Delta R.T.: 0.005 min
Response: 1913682
Conc: 448.46 ng/ml




#4 AR-1016-2

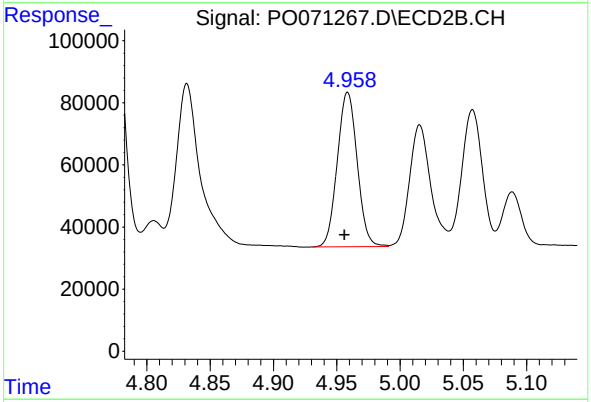
R.T.: 4.774 min
Delta R.T.: 0.003 min
Response: 1012880
Conc: 418.10 ng/ml




#5 AR-1016-3

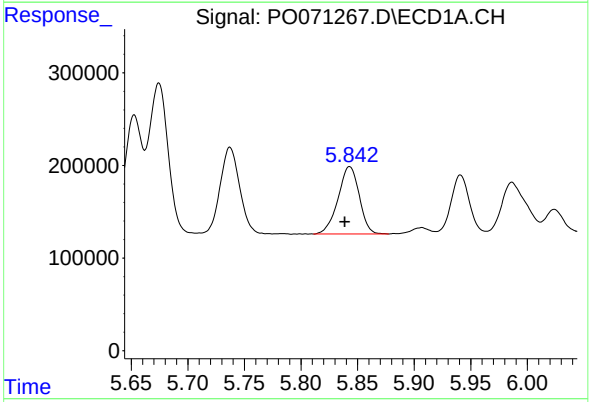
R.T.: 5.737 min
Delta R.T.: 0.005 min
Response: 1132431
Conc: 446.42 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



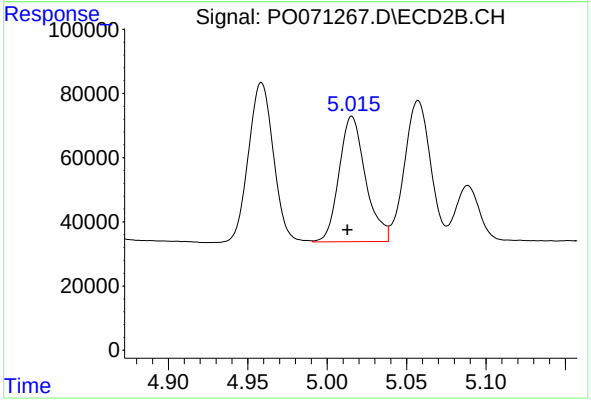

#5 AR-1016-3

R.T.: 4.959 min
Delta R.T.: 0.003 min
Response: 543902
Conc: 428.52 ng/ml



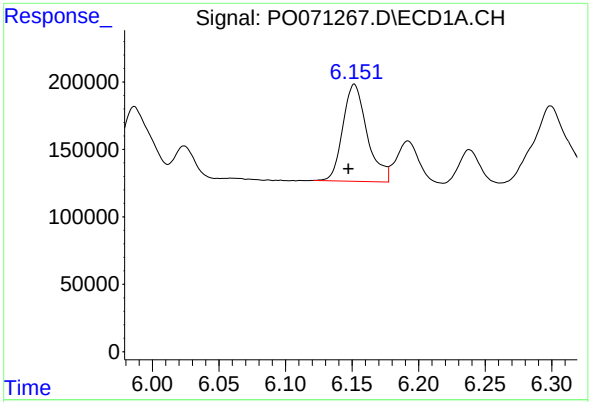

#6 AR-1016-4

R.T.: 5.843 min
Delta R.T.: 0.004 min
Response: 945359
Conc: 441.66 ng/ml




#6 AR-1016-4

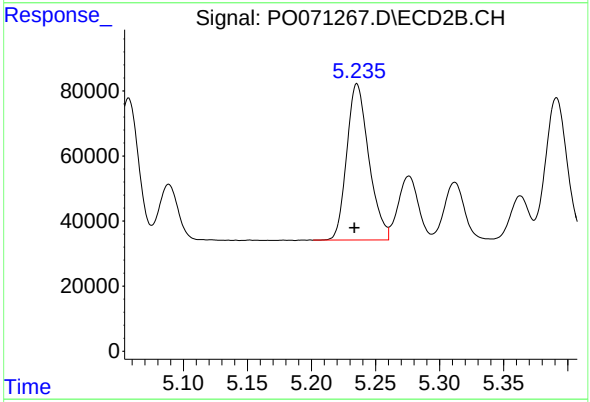
R.T.: 5.016 min
Delta R.T.: 0.003 min
Response: 453887
Conc: 430.17 ng/ml




#7 AR-1016-5

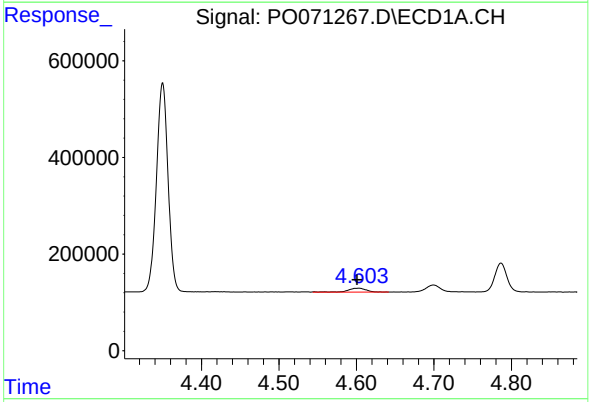
R.T.: 6.152 min
Delta R.T.: 0.004 min
Response: 915940
Conc: 447.49 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



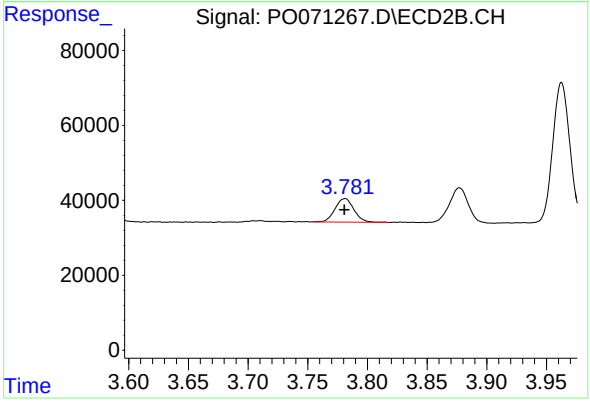

#7 AR-1016-5

R.T.: 5.236 min
Delta R.T.: 0.002 min
Response: 575781
Conc: 423.34 ng/ml



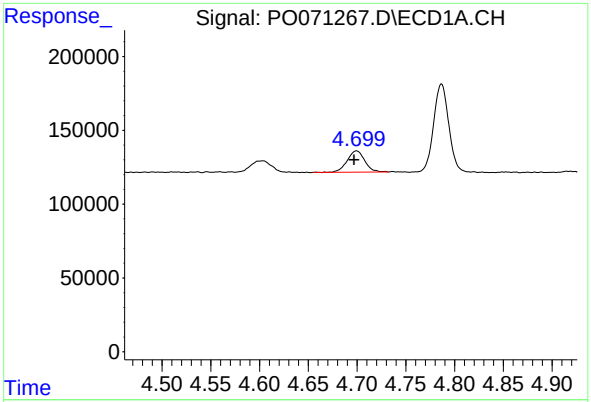

#8 AR-1221-1

R.T.: 4.603 min
Delta R.T.: 0.002 min
Response: 130512
Conc: 179.43 ng/ml




#8 AR-1221-1

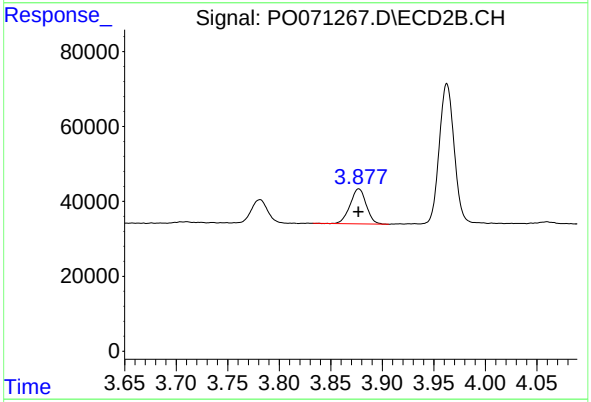
R.T.: 3.781 min
Delta R.T.: 0.000 min
Response: 69208
Conc: 152.20 ng/ml




#9 AR-1221-2

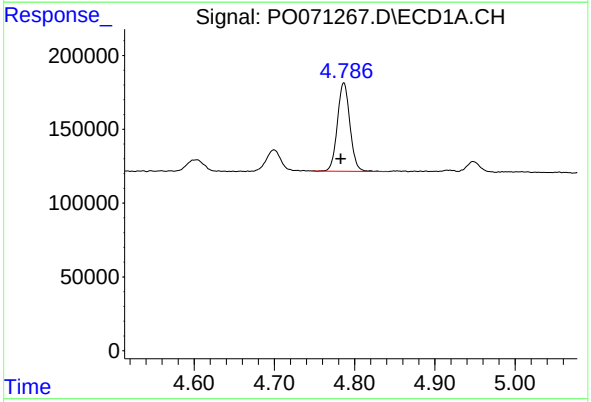
R.T.: 4.699 min
Delta R.T.: 0.003 min
Response: 181293
Conc: 328.58 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



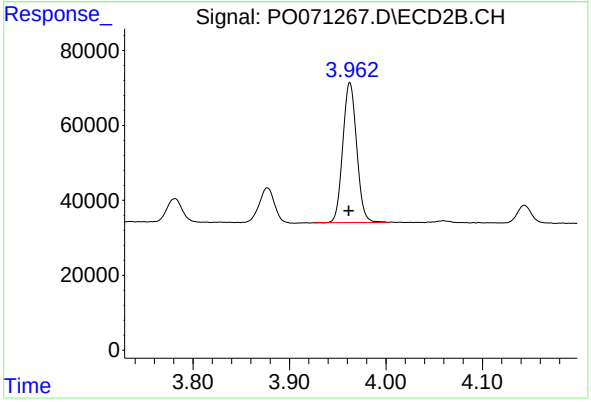

#9 AR-1221-2

R.T.: 3.877 min
Delta R.T.: 0.000 min
Response: 102183
Conc: 300.17 ng/ml



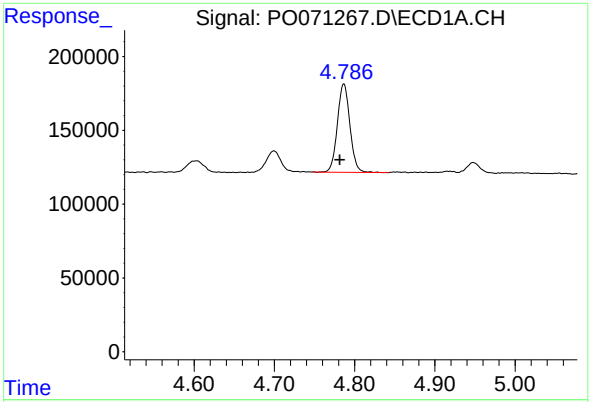

#10 AR-1221-3

R.T.: 4.787 min
Delta R.T.: 0.004 min
Response: 650448
Conc: 357.84 ng/ml




#10 AR-1221-3

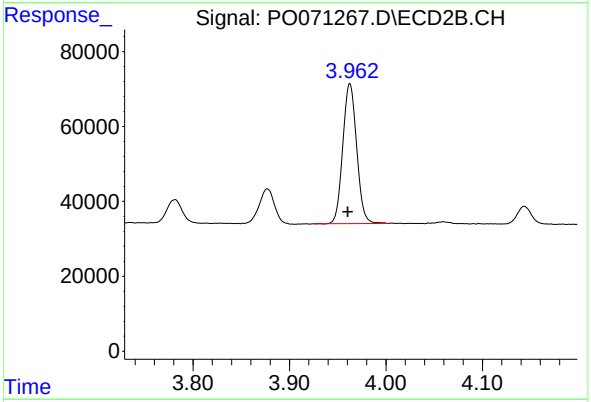
R.T.: 3.963 min
Delta R.T.: 0.001 min
Response: 374996
Conc: 348.57 ng/ml




#11 AR-1232-1

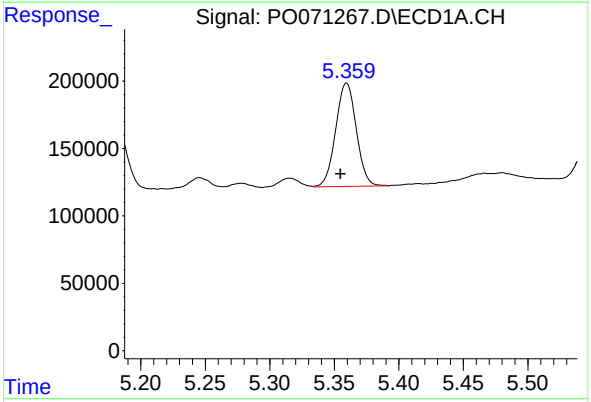
R.T.: 4.787 min
Delta R.T.: 0.005 min
Response: 650448
Conc: 434.56 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



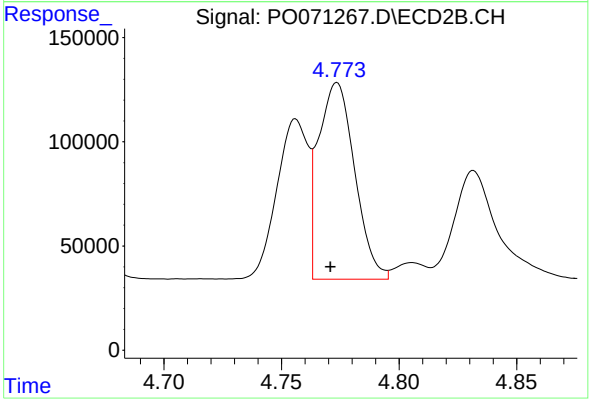

#11 AR-1232-1

R.T.: 3.963 min
Delta R.T.: 0.002 min
Response: 374996
Conc: 411.92 ng/ml



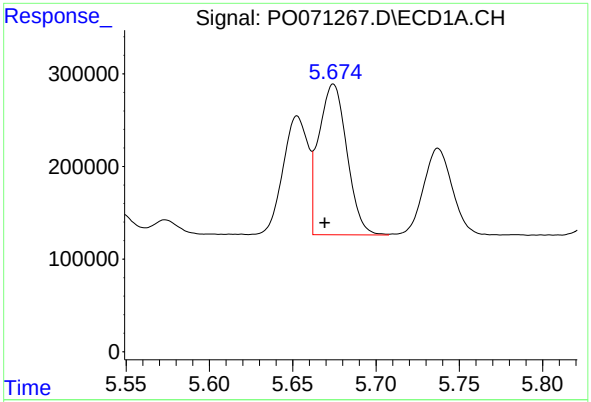

#12 AR-1232-2

R.T.: 5.359 min
Delta R.T.: 0.005 min
Response: 851201
Conc: 1046.70 ng/ml




#12 AR-1232-2

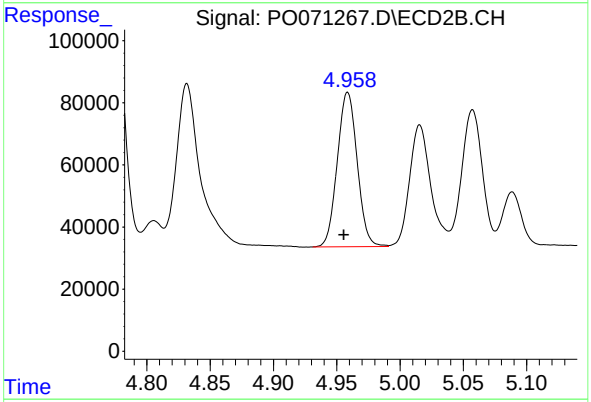
R.T.: 4.774 min
Delta R.T.: 0.003 min
Response: 1012880
Conc: 1011.73 ng/ml




#13 AR-1232-3

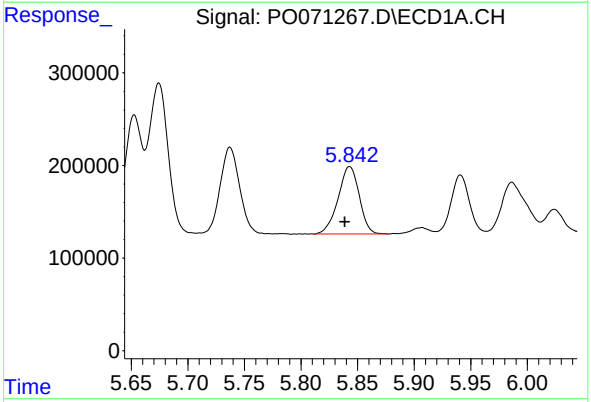
R.T.: 5.674 min
Delta R.T.: 0.005 min
Response: 1913682
Conc: 1116.92 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



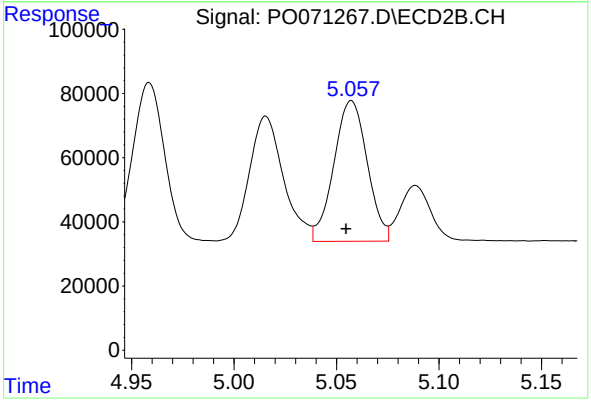

#13 AR-1232-3

R.T.: 4.959 min
Delta R.T.: 0.003 min
Response: 543902
Conc: 1053.85 ng/ml



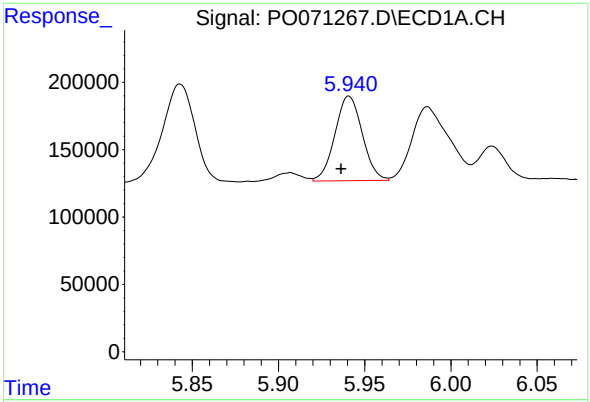

#14 AR-1232-4

R.T.: 5.843 min
Delta R.T.: 0.004 min
Response: 945359
Conc: 1136.59 ng/ml




#14 AR-1232-4

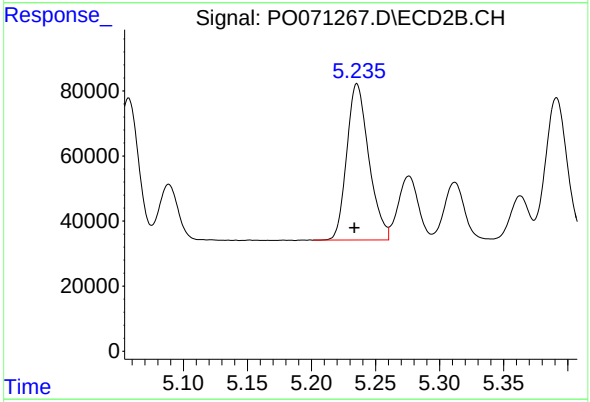
R.T.: 5.057 min
Delta R.T.: 0.003 min
Response: 497653
Conc: 1129.99 ng/ml




#15 AR-1232-5

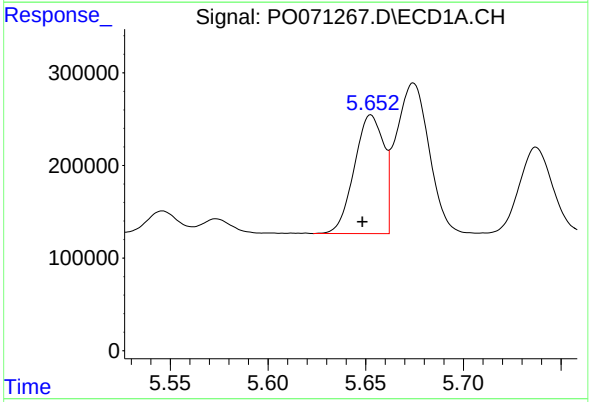
R.T.: 5.941 min
Delta R.T.: 0.005 min
Response: 694359
Conc: 1201.83 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



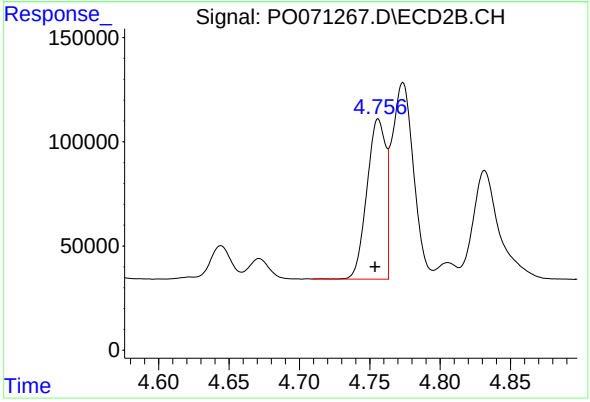

#15 AR-1232-5

R.T.: 5.236 min
Delta R.T.: 0.002 min
Response: 575781
Conc: 1109.32 ng/ml



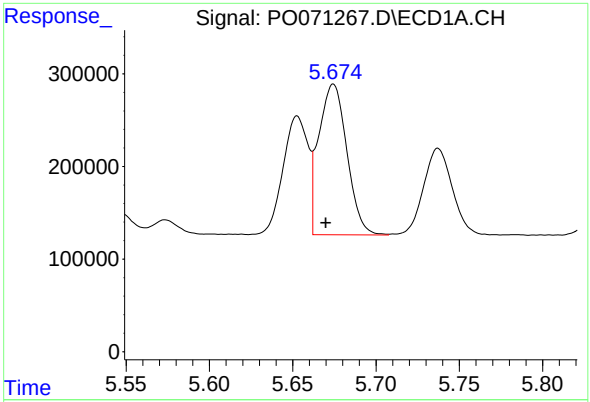

#16 AR-1242-1

R.T.: 5.653 min
Delta R.T.: 0.004 min
Response: 1341654
Conc: 573.28 ng/ml




#16 AR-1242-1

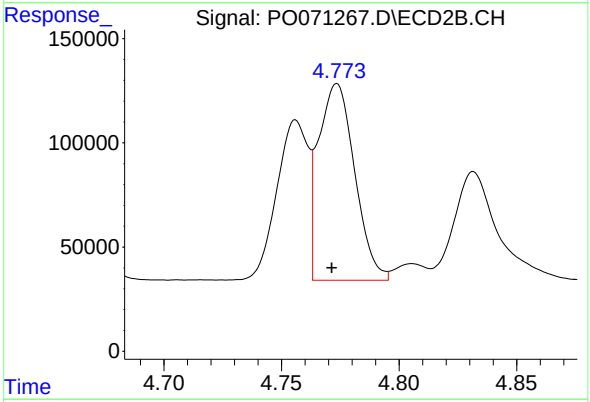
R.T.: 4.756 min
Delta R.T.: 0.002 min
Response: 711305
Conc: 537.74 ng/ml




#17 AR-1242-2

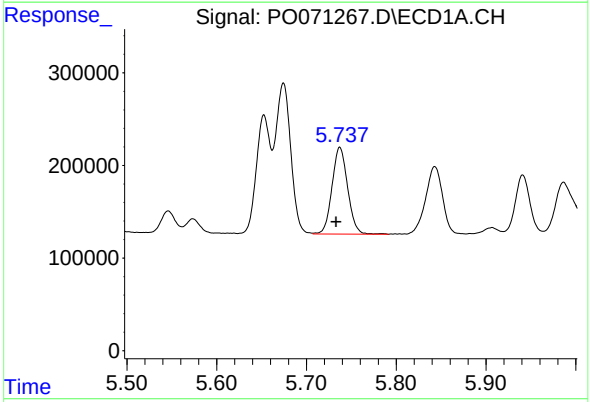
R.T.: 5.674 min
Delta R.T.: 0.005 min
Response: 1913682
Conc: 564.54 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



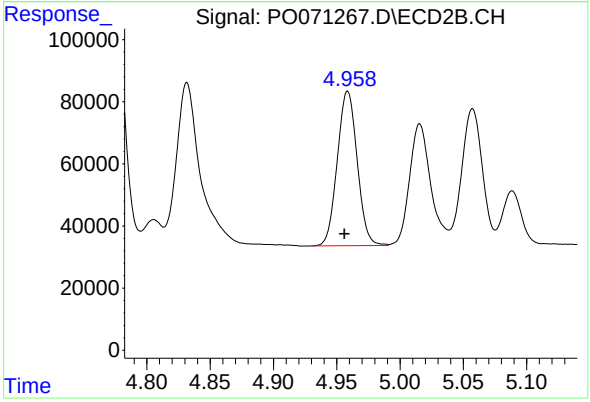

#17 AR-1242-2

R.T.: 4.774 min
Delta R.T.: 0.002 min
Response: 1012880
Conc: 550.04 ng/ml



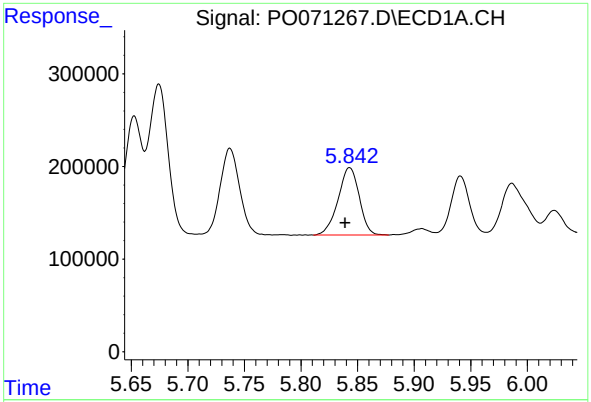

#18 AR-1242-3

R.T.: 5.737 min
Delta R.T.: 0.004 min
Response: 1132431
Conc: 559.20 ng/ml




#18 AR-1242-3

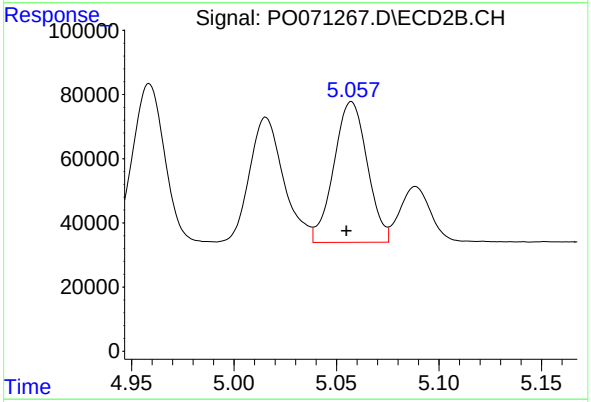
R.T.: 4.959 min
Delta R.T.: 0.003 min
Response: 543902
Conc: 558.11 ng/ml




#19 AR-1242-4

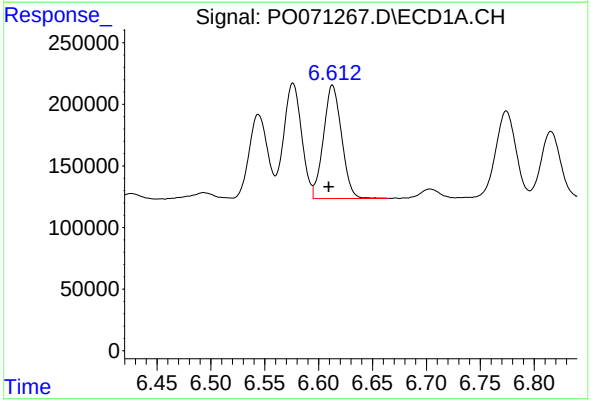
R.T.: 5.843 min
Delta R.T.: 0.004 min
Response: 945359
Conc: 557.96 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



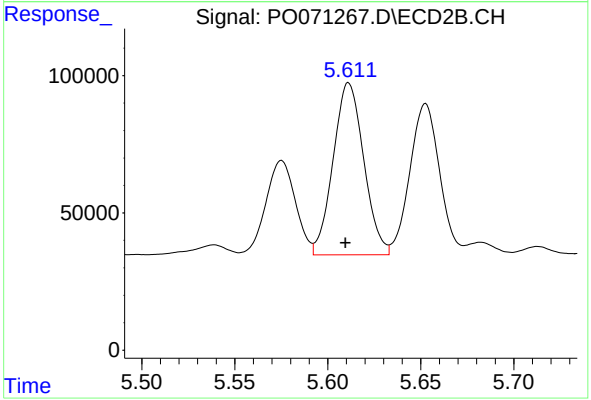

#19 AR-1242-4

R.T.: 5.057 min
Delta R.T.: 0.002 min
Response: 497653
Conc: 546.81 ng/ml



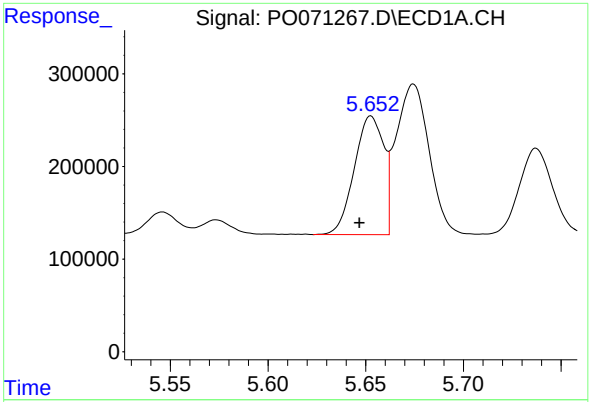

#20 AR-1242-5

R.T.: 6.613 min
Delta R.T.: 0.004 min
Response: 1081230
Conc: 487.33 ng/ml




#20 AR-1242-5

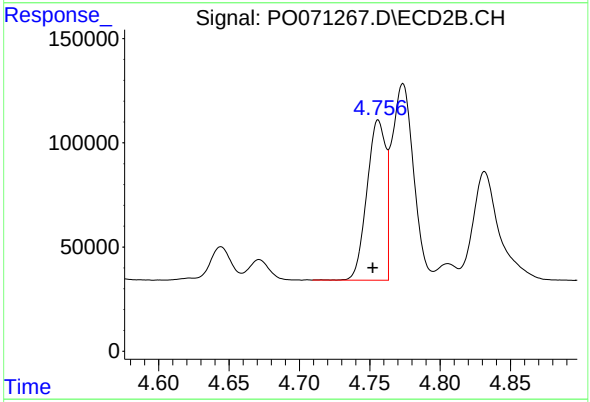
R.T.: 5.611 min
Delta R.T.: 0.002 min
Response: 719004
Conc: 519.54 ng/ml




#21 AR-1248-1

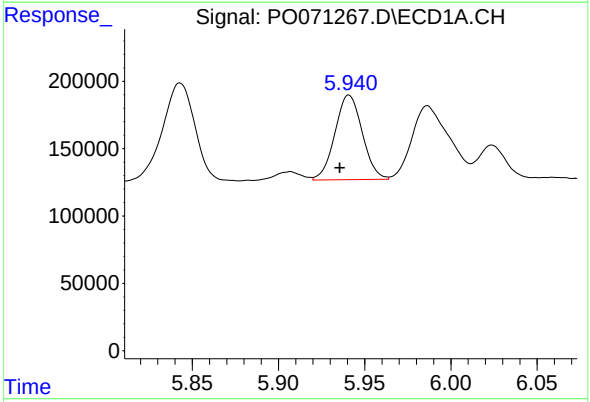
R.T.: 5.653 min
Delta R.T.: 0.006 min
Response: 1341654
Conc: 797.68 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



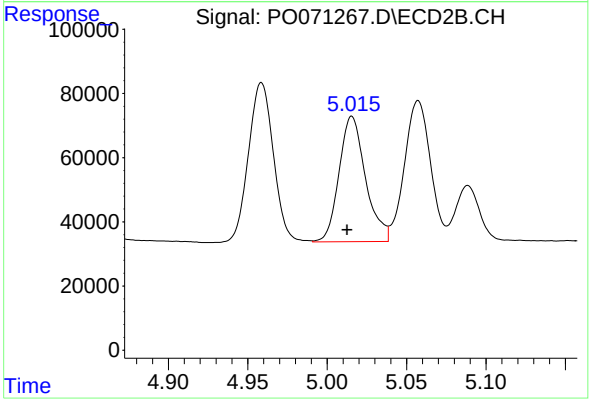

#21 AR-1248-1

R.T.: 4.756 min
Delta R.T.: 0.004 min
Response: 711305
Conc: 723.25 ng/ml



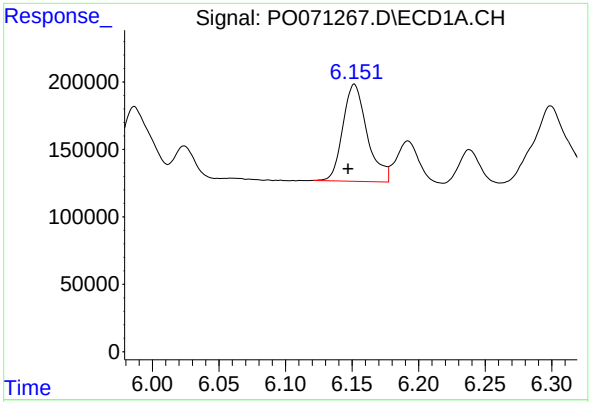

#22 AR-1248-2

R.T.: 5.941 min
Delta R.T.: 0.005 min
Response: 694359
Conc: 314.50 ng/ml




#22 AR-1248-2

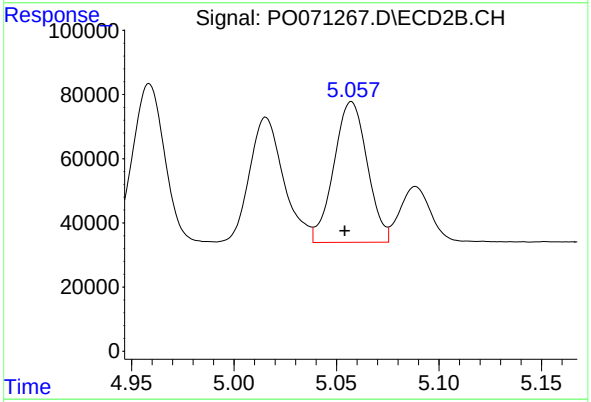
R.T.: 5.016 min
Delta R.T.: 0.003 min
Response: 453887
Conc: 346.50 ng/ml




#23 AR-1248-3

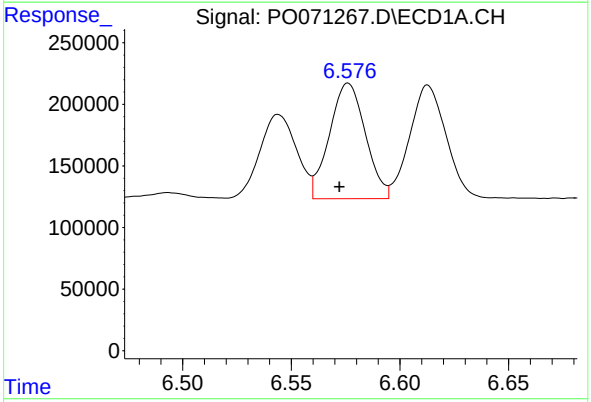
R.T.: 6.152 min
Delta R.T.: 0.005 min
Response: 915940
Conc: 347.94 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



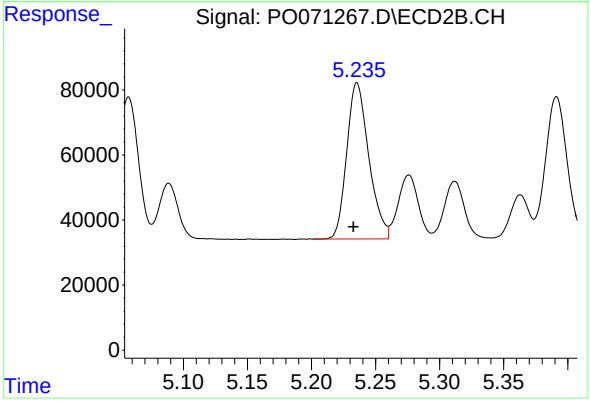

#23 AR-1248-3

R.T.: 5.057 min
Delta R.T.: 0.003 min
Response: 497653
Conc: 405.32 ng/ml



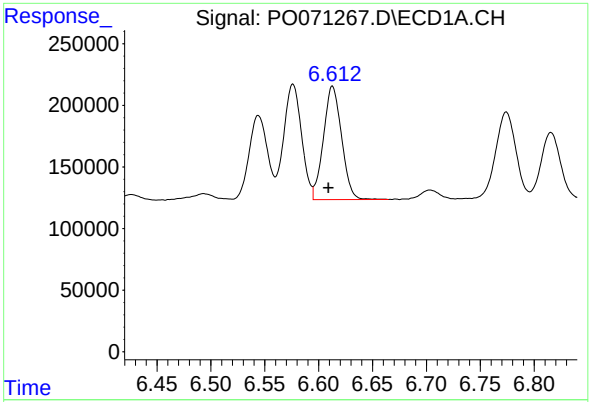

#24 AR-1248-4

R.T.: 6.576 min
Delta R.T.: 0.004 min
Response: 1083067
Conc: 298.04 ng/ml




#24 AR-1248-4

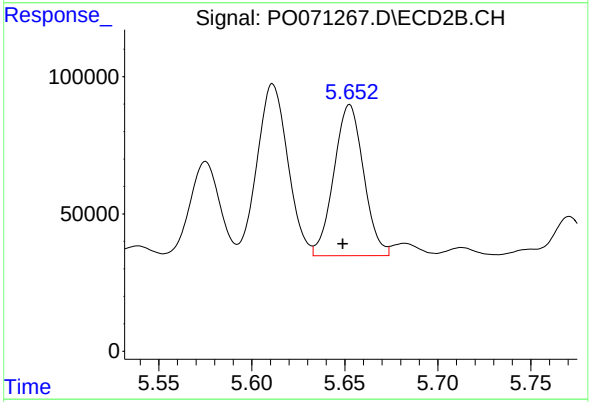
R.T.: 5.236 min
Delta R.T.: 0.003 min
Response: 575781
Conc: 359.07 ng/ml




#25 AR-1248-5

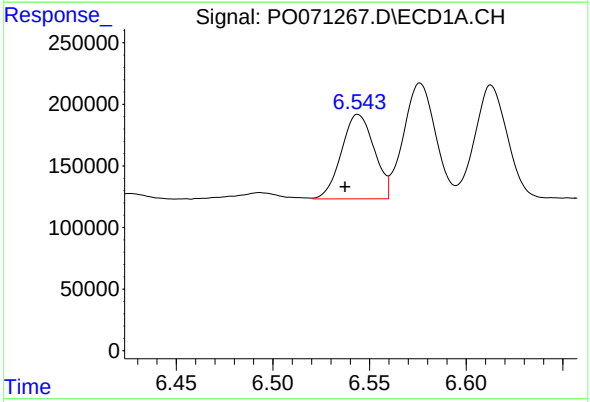
R.T.: 6.613 min
Delta R.T.: 0.004 min
Response: 1081230
Conc: 324.92 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



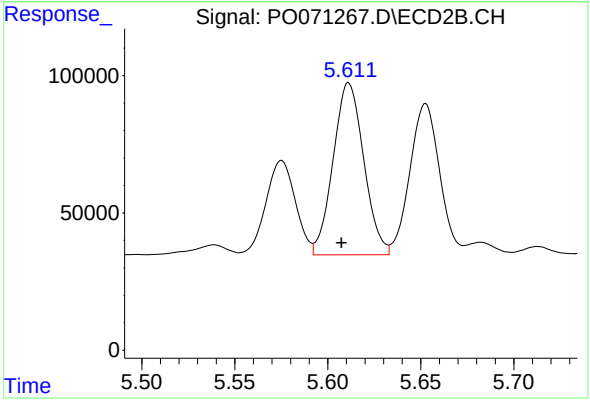

#25 AR-1248-5

R.T.: 5.653 min
Delta R.T.: 0.004 min
Response: 613278
Conc: 357.81 ng/ml



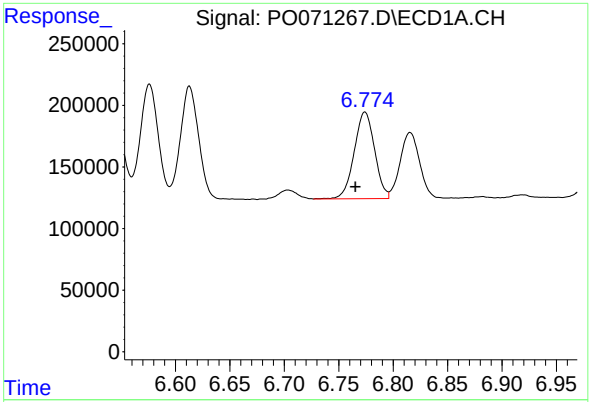

#26 AR-1254-1

R.T.: 6.544 min
Delta R.T.: 0.007 min
Response: 810074
Conc: 230.89 ng/ml




#26 AR-1254-1

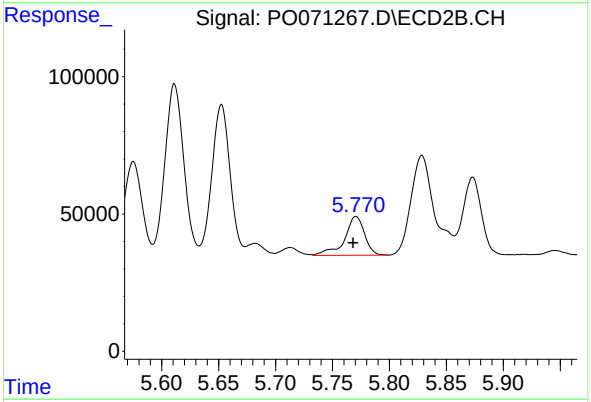
R.T.: 5.611 min
Delta R.T.: 0.004 min
Response: 719004
Conc: 270.30 ng/ml




#27 AR-1254-2

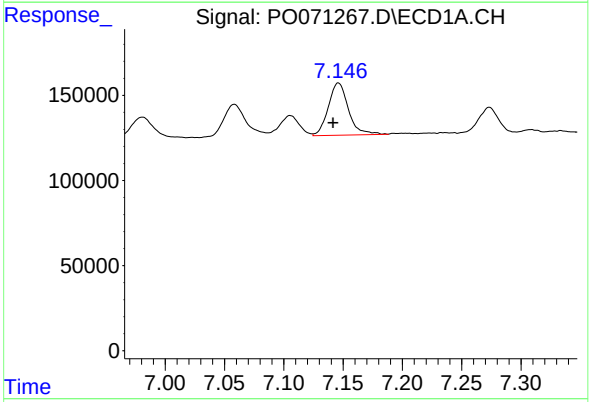
R.T.: 6.774 min
Delta R.T.: 0.009 min
Response: 918739
Conc: 159.77 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



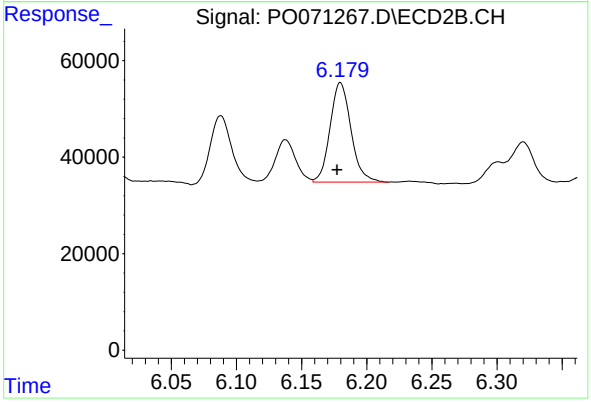

#27 AR-1254-2

R.T.: 5.771 min
Delta R.T.: 0.003 min
Response: 173531
Conc: 73.35 ng/ml



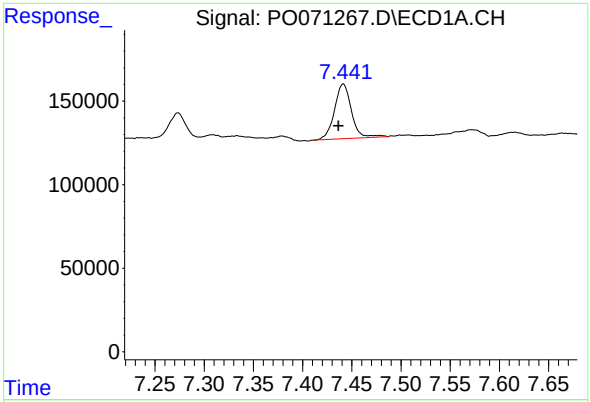

#28 AR-1254-3

R.T.: 7.146 min
Delta R.T.: 0.005 min
Response: 362990
Conc: 61.04 ng/ml




#28 AR-1254-3

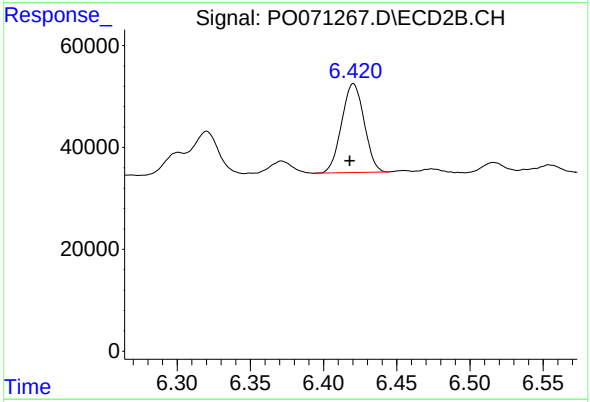
R.T.: 6.180 min
Delta R.T.: 0.003 min
Response: 230435
Conc: 60.17 ng/ml




#29 AR-1254-4

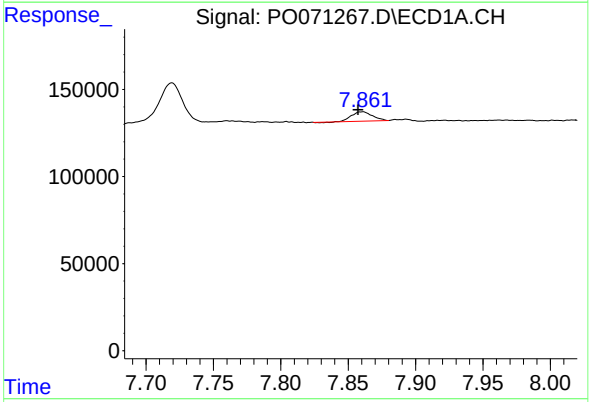
R.T.: 7.441 min
Delta R.T.: 0.005 min
Response: 390082
Conc: 67.15 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



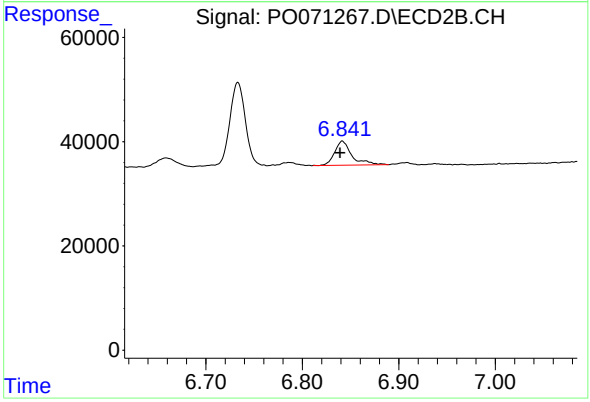

#29 AR-1254-4

R.T.: 6.420 min
Delta R.T.: 0.003 min
Response: 186452
Conc: 67.58 ng/ml



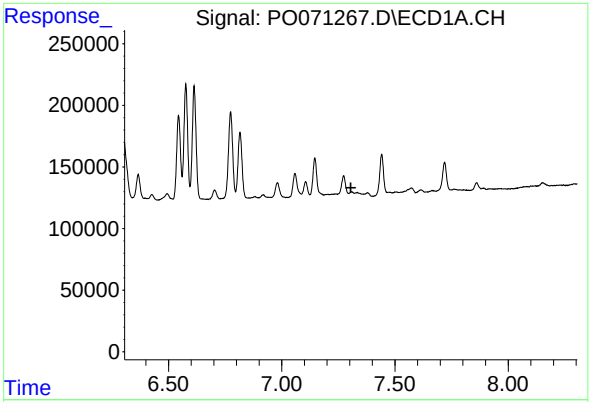

#30 AR-1254-5

R.T.: 7.860 min
Delta R.T.: 0.003 min
Response: 58426
Conc: 10.47 ng/ml




#30 AR-1254-5

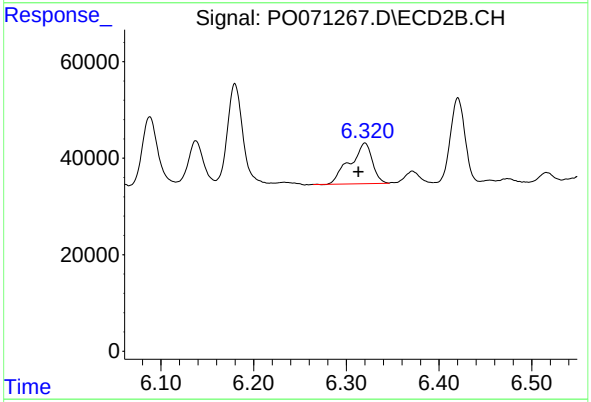
R.T.: 6.841 min
Delta R.T.: 0.002 min
Response: 57651
Conc: 15.18 ng/ml




#31 AR-1260-1

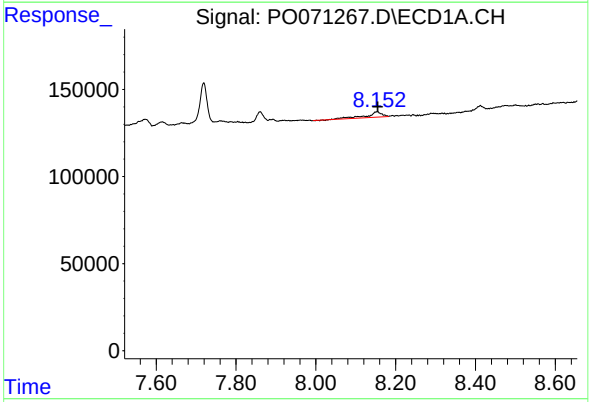
R.T.: 0.000 min
Exp R.T. : 7.305 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_O
**ClientSampleId :**



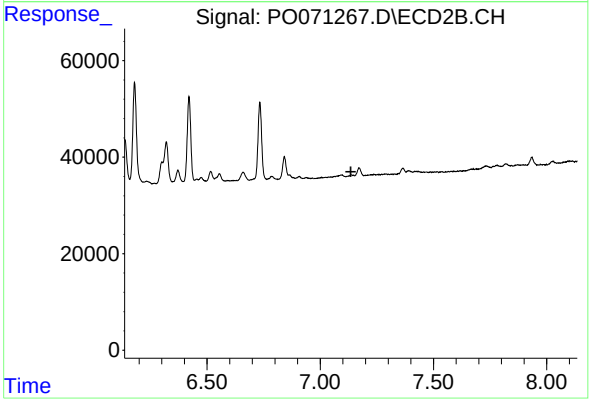

#31 AR-1260-1

R.T.: 6.320 min
Delta R.T.: 0.007 min
Response: 141824
Conc: 50.90 ng/ml



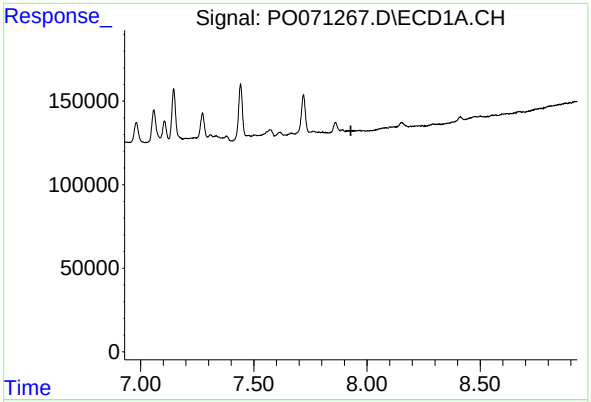

#34 AR-1260-4

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 86559
Conc: 15.12 ng/ml




#34 AR-1260-4

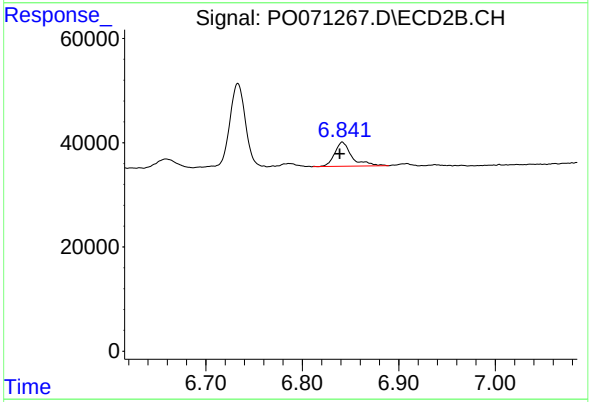
R.T.: 0.000 min
Exp R.T. : 7.135 min
Response: 0
Conc: N.D.




#36 AR-1262-1

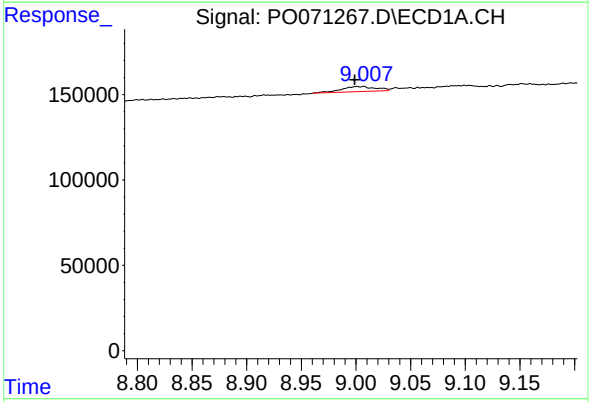
R.T.: 0.000 min
Exp R.T. : 7.928 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_O
**ClientSampleId :**



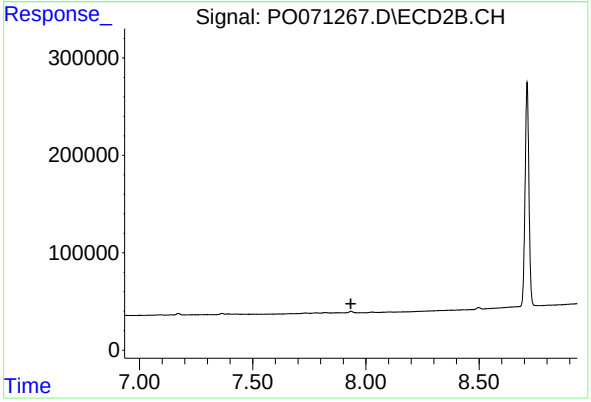

#36 AR-1262-1

R.T.: 6.841 min
Delta R.T.: 0.003 min
Response: 57651
Conc: 28.58 ng/ml




#43 AR-1268-3

R.T.: 9.007 min
Delta R.T.: 0.008 min
Response: 66331
Conc: 5.63 ng/ml




#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.933 min
Response: 0
Conc: N.D.