Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091819\
Data File : PO061118.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Sep 2019 3:30
Operator : SM/AJ
Sample : K4937-03 5X
Misc :
ALS Vial : 56 Sample Multiplier: 1

**Instrument :** ECD_O
**ClientSampleId :** HA14

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 04:03:06 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091319.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 14 00:06:36 2019
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... | 4.365 | 3.528 | 215138 | 210399 | 5.848 | 7.535 | # |
| 2) | SA Decachlor... | 10.023 | 8.402 | 227010 | 79745 | 4.941 | 2.275 | # |
| | Target Compounds | | | | | | | |
| 3) | L1 AR-1016-1 | 0.000 | 4.579 | 0 | 13982 | N.D. | 11.310 | # |
| 4) | L1 AR-1016-2 | 0.000 | 4.608 | 0 | 73486 | N.D. | 43.193 | # |
| 5) | L1 AR-1016-3 | 5.653 | 4.722 | 883191 | 5525 | 615.214 | 5.699 | # |
| 6) | L1 AR-1016-4 | 5.711 | 0.000 | 756861 | 0 | 641.640 | N.D. | # |
| 7) | L1 AR-1016-5 | 0.000 | 5.074 | 0 | 10114 | N.D. | 9.657 | # |
| 8) | L2 AR-1221-1 | 0.000 | 3.715 | 0 | 3886 | N.D. | 10.977 | # |
| 9) | L2 AR-1221-2 | 0.000 | 3.818 | 0 | 5708 | N.D. | 20.312 | # |
| 10) | L2 AR-1221-3 | 0.000 | 3.893 | 0 | 3402 | N.D. | 4.098 | # |
| 11) | L3 AR-1232-1 | 0.000 | 3.893 | 0 | 3402 | N.D. | 3.733 | # |
| 12) | L3 AR-1232-2 | 0.000 | 4.608 | 0 | 73486 | N.D. | 72.782 | # |
| 13) | L3 AR-1232-3 | 0.000 | 4.722 | 0 | 5525 | N.D. | 9.844 | # |
| 14) | L3 AR-1232-4 | 5.711 | 0.000 | 756861 | 0 | 1101.462 | N.D. | # |
| 15) | L3 AR-1232-5 | 5.818 | 5.074 | 477027 | 10114 | 871.135 | 17.872 | # |
| 16) | L4 AR-1242-1 | 0.000 | 4.579 | 0 | 13982 | N.D. | 15.359 | # |
| 17) | L4 AR-1242-2 | 0.000 | 4.608 | 0 | 73486 | N.D. | 58.701 | # |
| 18) | L4 AR-1242-3 | 5.653 | 4.722 | 883191 | 5525 | 815.594 | 7.732 | # |
| 19) | L4 AR-1242-4 | 5.711 | 0.000 | 756861 | 0 | 857.339 | N.D. | # |
| 21) | L5 AR-1248-1 | 0.000 | 4.579 | 0 | 13982 | N.D. | 19.713 | # |
| 22) | L5 AR-1248-2 | 5.818 | 0.000 | 477027 | 0 | 356.722 | N.D. | # |
| 24) | L5 AR-1248-4 | 0.000 | 5.074 | 0 | 10114 | N.D. | 8.422 | # |
| 27) | L6 AR-1254-2 | 0.000 | 5.557 | 0 | 7376 | N.D. | 3.909 | # |
| 29) | L6 AR-1254-4 | 0.000 | 6.142 | 0 | 6635 | N.D. | 3.187 | # |
| 30) | L6 AR-1254-5 | 7.696 | 6.518 | 13716 | 406400 | 4.652 | 128.408 | # |
| 31) | L7 AR-1260-1 | 0.000 | 6.089 | 0 | 8571 | N.D. | 4.075 | # |
| 33) | L7 AR-1260-3 | 7.739 | 6.316 | 422537 | 7607 | 177.058 | 3.159 | # |
| 34) | L7 AR-1260-4 | 7.986 | 6.828 | 83261 | 418131 | 29.761 | 195.366 | # |
| 35) | L7 AR-1260-5 | 8.323 | 7.037 | 485409 | 148073 | 89.142 | 30.641 | # |
| 36) | L8 AR-1262-1 | 7.739 | 6.617 | 422537 | 340016 | 119.621 | 113.836 | |
| 37) | L8 AR-1262-2 | 8.323 | 7.037 | 485409 | 148073 | 77.859 | 28.478 | # |
| 38) | L8 AR-1262-3 | 8.583 | 7.360 | 332562 | 280059 | 78.050 | 131.952 | # |
| 39) | L8 AR-1262-4 | 8.649 | 7.410 | 386156 | 88784 | 118.438 | 23.245 | # |
| 40) | L8 AR-1262-5 | 9.297 | 7.916 | 41234 | 89840 | 20.279 | 53.675 | # |
| 41) | L9 AR-1268-1 | 8.583 | 7.360 | 332562 | 280059 | 45.060 | 47.775 | |
| 42) | L9 AR-1268-2 | 8.649 | 7.410 | 386156 | 88784 | 57.165 | 16.657 | # |
| 43) | L9 AR-1268-3 | 8.908 | 7.615 | 97534 | 136517 | 17.368 | 30.798 | # |
| 44) | L9 AR-1268-4 | 9.297 | 7.916 | 41234 | 89840 | 17.876 | 47.016 | # |
| 45) | L9 AR-1268-5 | 9.760 | 8.171 | 58464 | 102196 | 3.686 | 8.493 | # |

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

**Instrument :**
ECD_O
**ClientSampleId :**
HA14

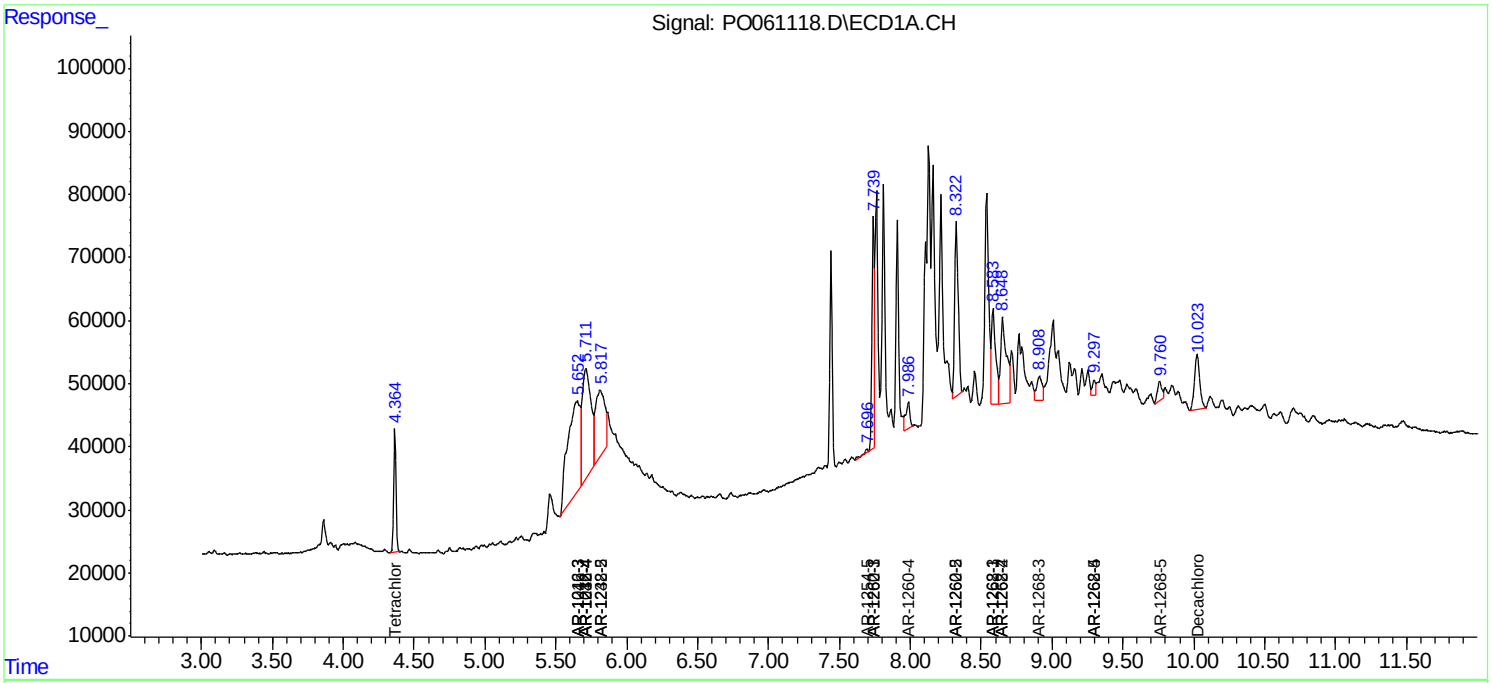
Quantitation Report (Not Reviewed)

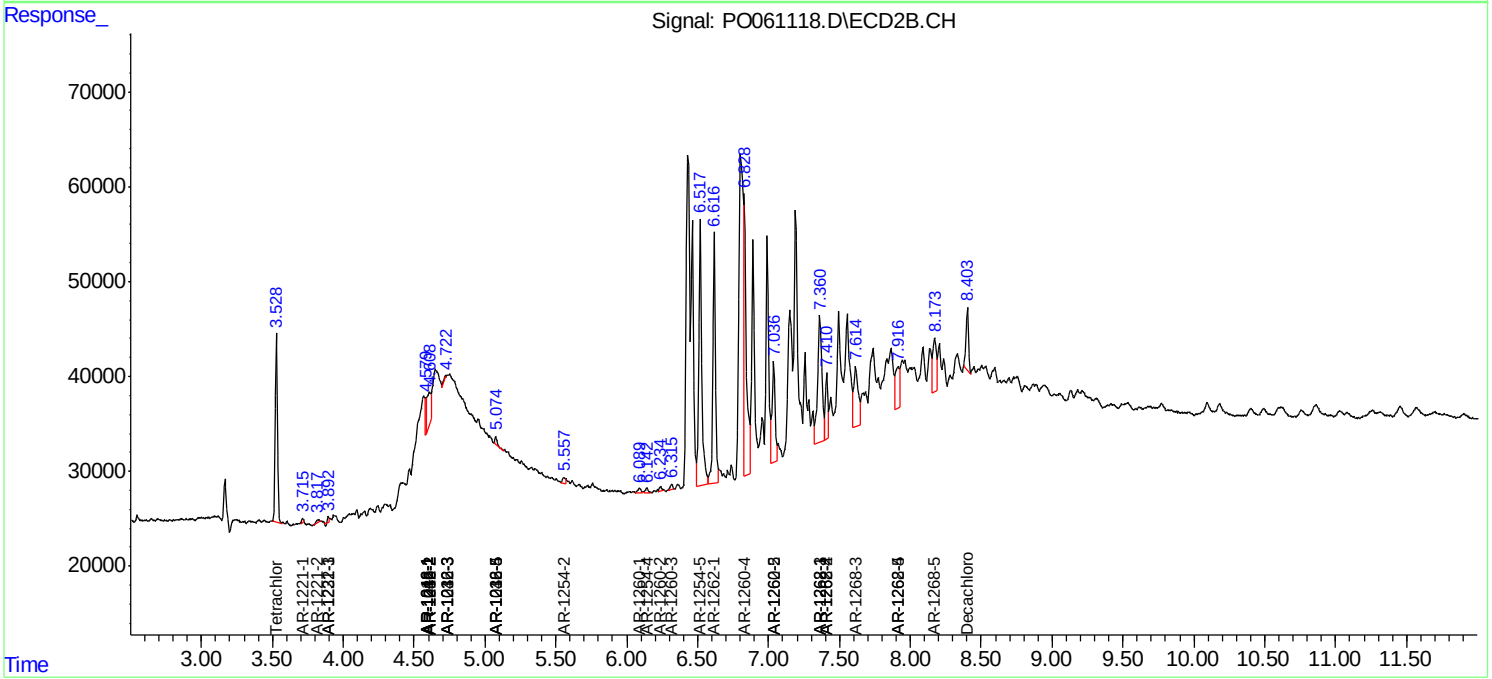
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091819\
Data File : PO061118.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Sep 2019 3:30
Operator : SM/AJ
Sample : K4937-03 5X
Misc :
ALS Vial : 56 Sample Multiplier: 1

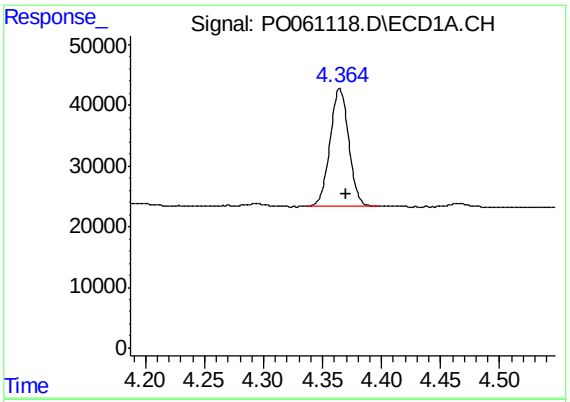
**Instrument :**
ECD_O
**ClientSampleId :**
HA14

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 04:03:06 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091319.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 14 00:06:36 2019
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



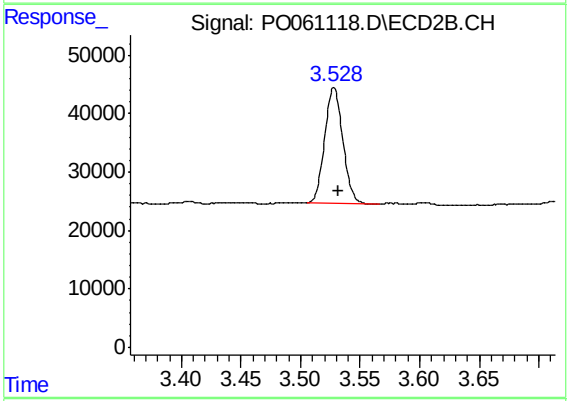






#1 Tetrachloro-m-xylene

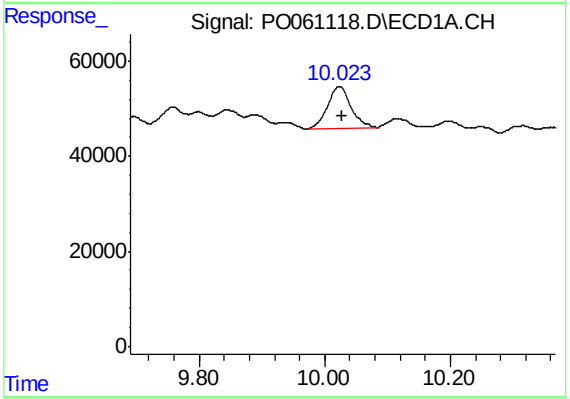
R.T.: 4.365 min
Delta R.T.: -0.005 min
Response: 215138
Conc: 5.85 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
HA14



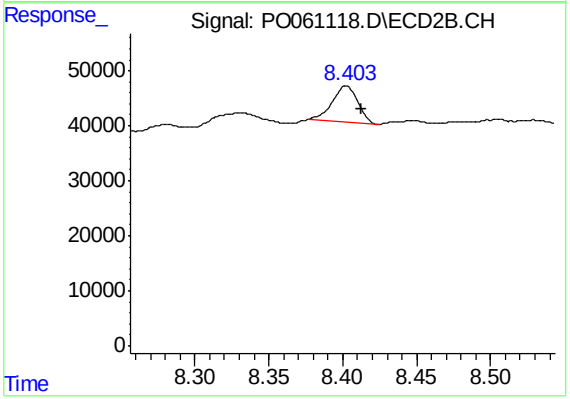

#1 Tetrachloro-m-xylene

R.T.: 3.528 min
Delta R.T.: -0.003 min
Response: 210399
Conc: 7.54 ng/ml



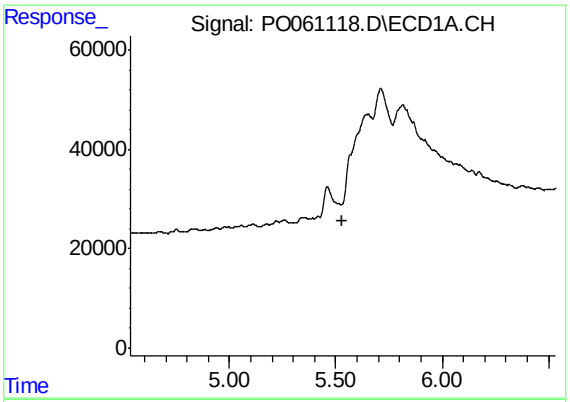

#2 Decachlorobiphenyl

R.T.: 10.023 min
Delta R.T.: -0.005 min
Response: 227010
Conc: 4.94 ng/ml




#2 Decachlorobiphenyl

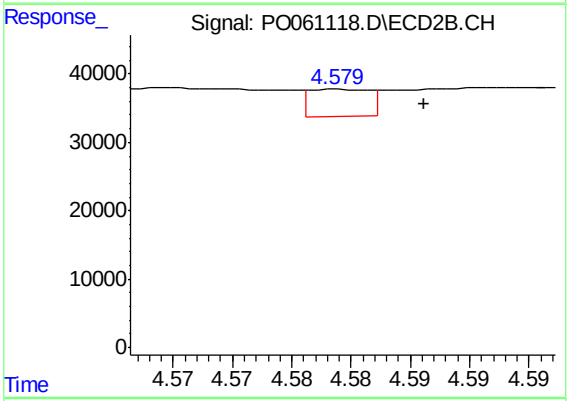
R.T.: 8.402 min
Delta R.T.: -0.011 min
Response: 79745
Conc: 2.28 ng/ml




#3 AR-1016-1

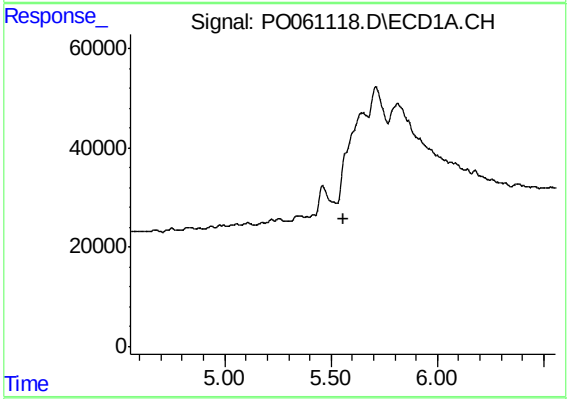
R.T.: 0.000 min
Exp R.T. : 5.533 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_O
**ClientSampleId :**
HA14



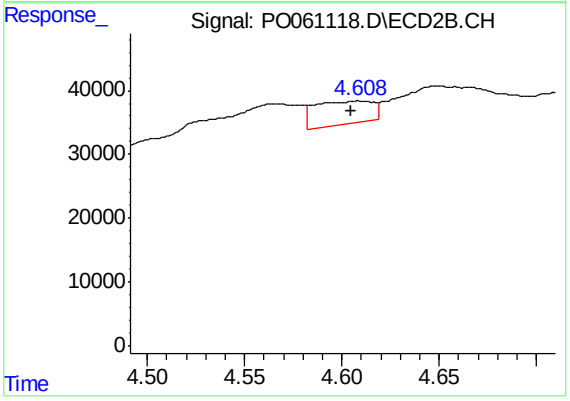

#3 AR-1016-1

R.T.: 4.579 min
Delta R.T.: -0.007 min
Response: 13982
Conc: 11.31 ng/ml



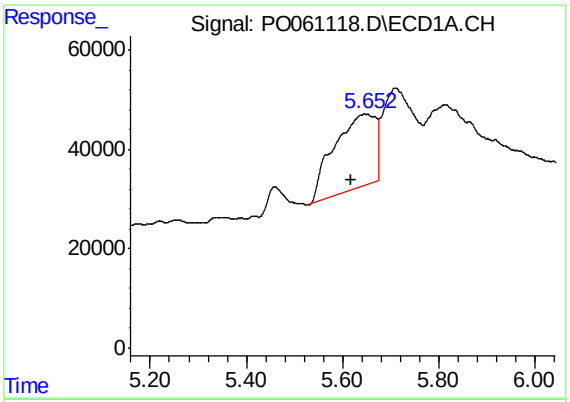

#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.556 min
Response: 0
Conc: N.D.




#4 AR-1016-2

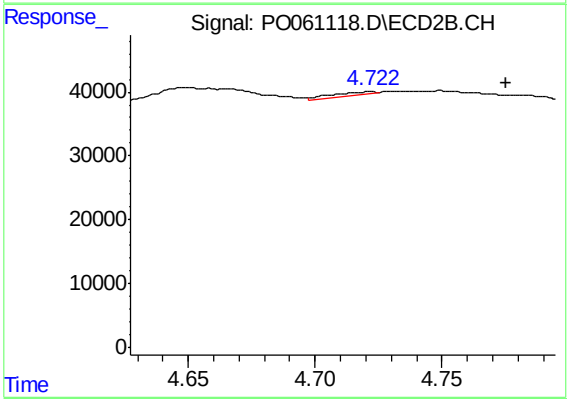
R.T.: 4.608 min
Delta R.T.: 0.004 min
Response: 73486
Conc: 43.19 ng/ml




#5 AR-1016-3

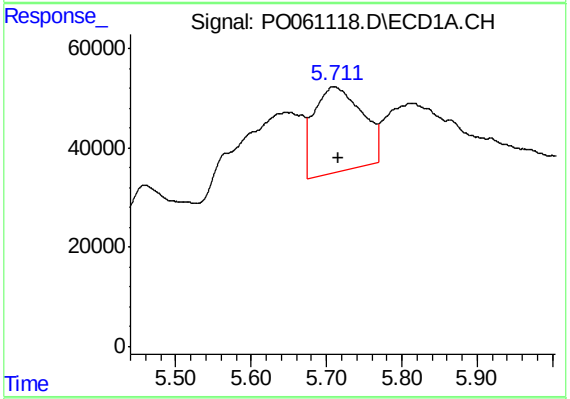
R.T.: 5.653 min
Delta R.T.: 0.035 min
Response: 883191
Conc: 615.21 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
HA14



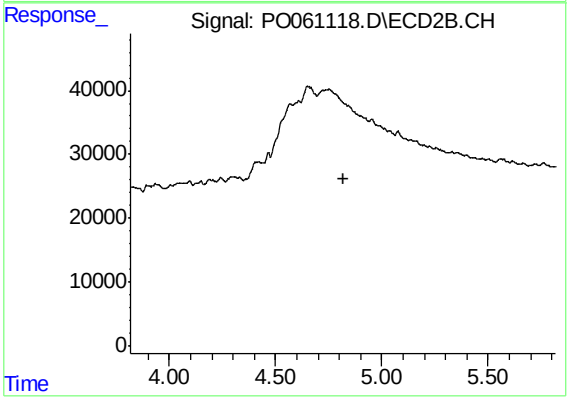

#5 AR-1016-3

R.T.: 4.722 min
Delta R.T.: -0.053 min
Response: 5525
Conc: 5.70 ng/ml



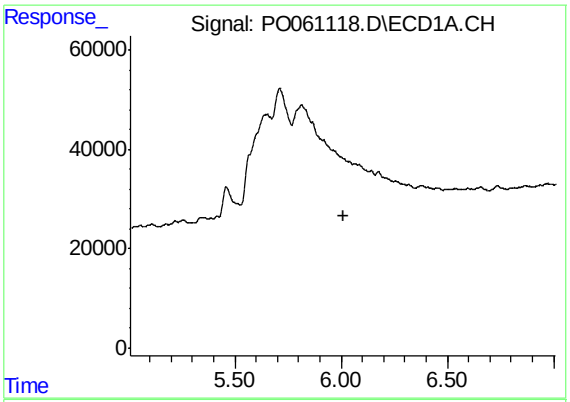

#6 AR-1016-4

R.T.: 5.711 min
Delta R.T.: -0.005 min
Response: 756861
Conc: 641.64 ng/ml




#6 AR-1016-4

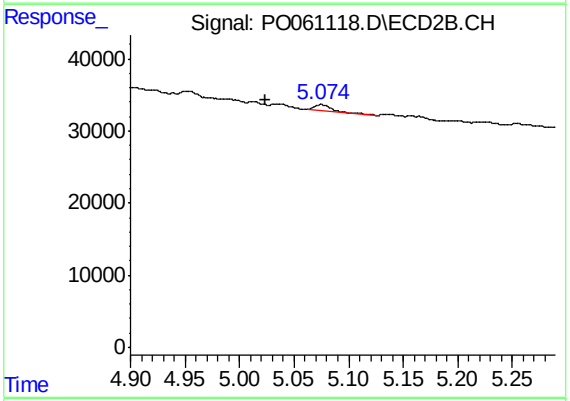
R.T.: 0.000 min
Exp R.T. : 4.817 min
Response: 0
Conc: N.D.




#7 AR-1016-5

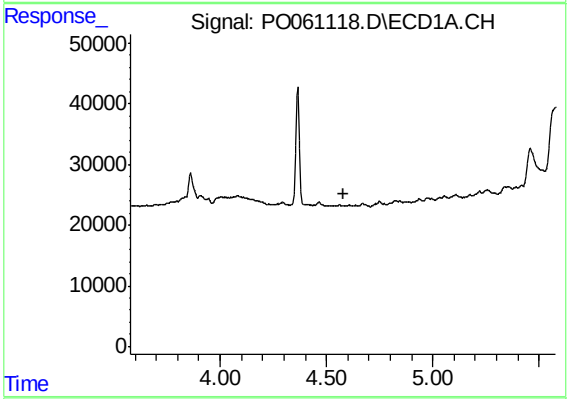
R.T.: 0.000 min
Exp R.T. : 6.009 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_O
**ClientSampleId :**
HA14



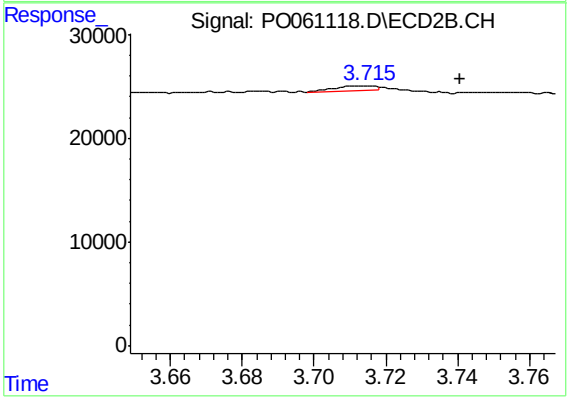

#7 AR-1016-5

R.T.: 5.074 min
Delta R.T.: 0.050 min
Response: 10114
Conc: 9.66 ng/ml



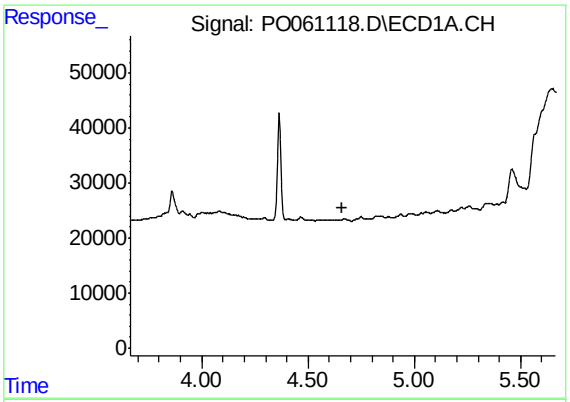

#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.578 min
Response: 0
Conc: N.D.




#8 AR-1221-1

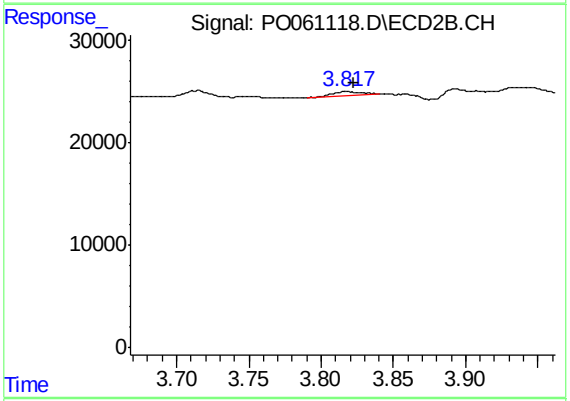
R.T.: 3.715 min
Delta R.T.: -0.025 min
Response: 3886
Conc: 10.98 ng/ml




#9 AR-1221-2

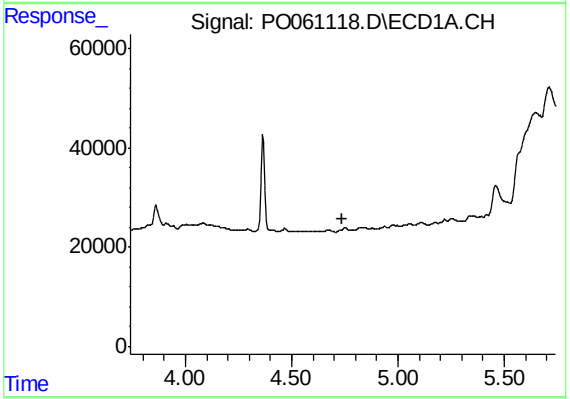
R.T.: 0.000 min
Exp R.T. : 4.664 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_O
**ClientSampleId :**
HA14



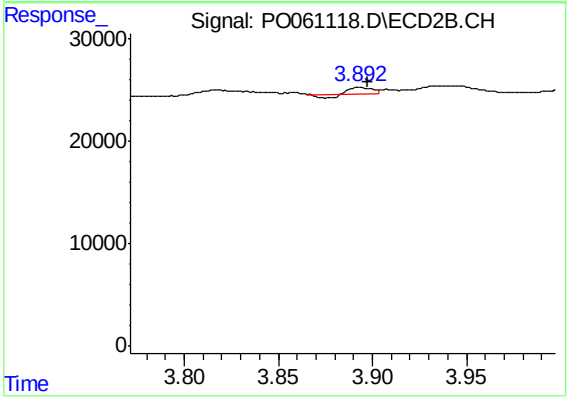

#9 AR-1221-2

R.T.: 3.818 min
Delta R.T.: -0.005 min
Response: 5708
Conc: 20.31 ng/ml



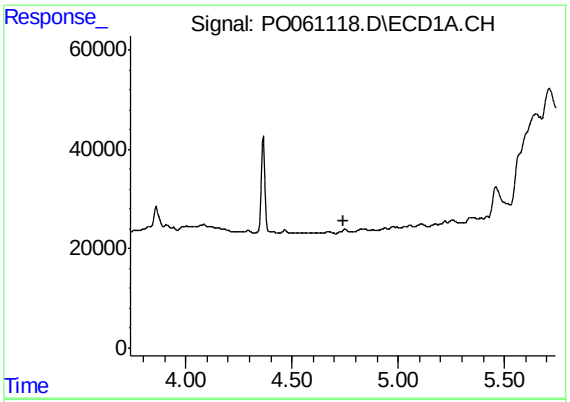

#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.741 min
Response: 0
Conc: N.D.




#10 AR-1221-3

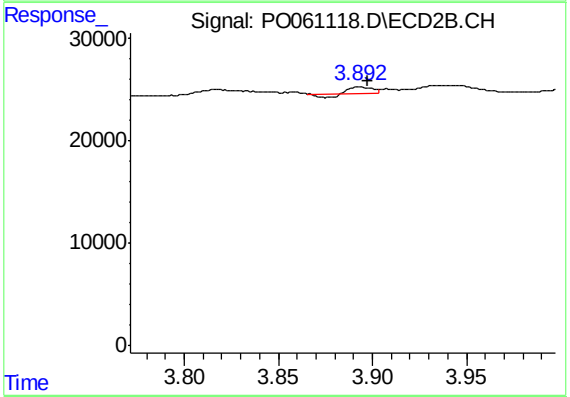
R.T.: 3.893 min
Delta R.T.: -0.004 min
Response: 3402
Conc: 4.10 ng/ml




#11 AR-1232-1

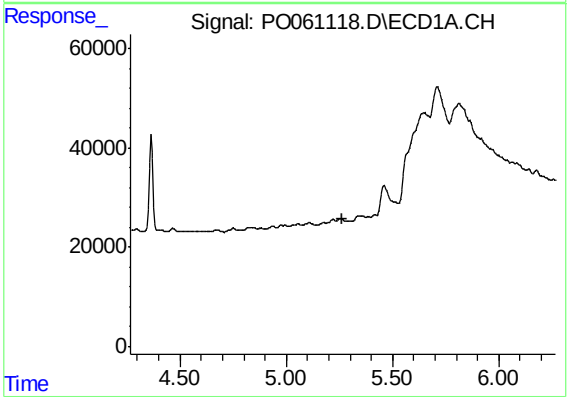
R.T.: 0.000 min
Exp R.T. : 4.741 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_O
**ClientSampleId :**
HA14



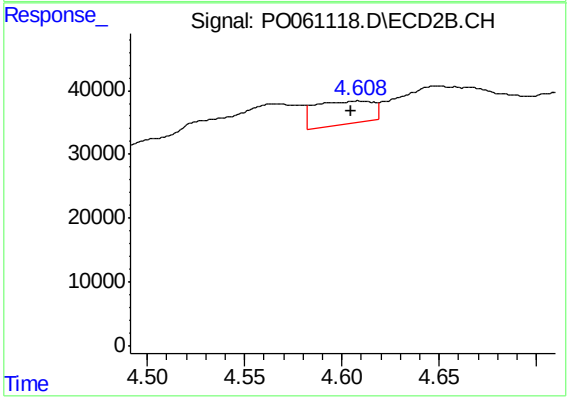

#11 AR-1232-1

R.T.: 3.893 min
Delta R.T.: -0.004 min
Response: 3402
Conc: 3.73 ng/ml



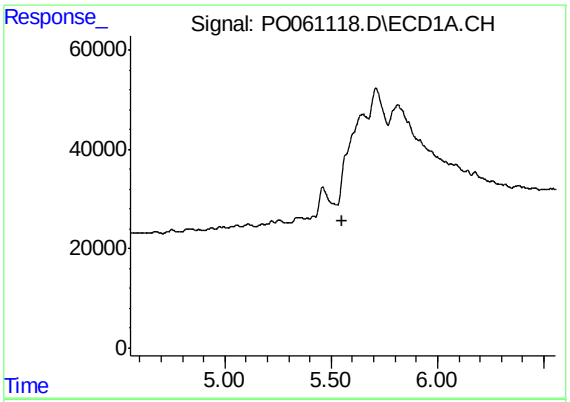

#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.266 min
Response: 0
Conc: N.D.




#12 AR-1232-2

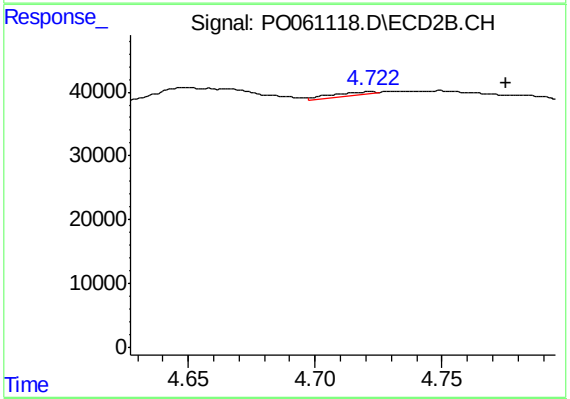
R.T.: 4.608 min
Delta R.T.: 0.004 min
Response: 73486
Conc: 72.78 ng/ml




#13 AR-1232-3

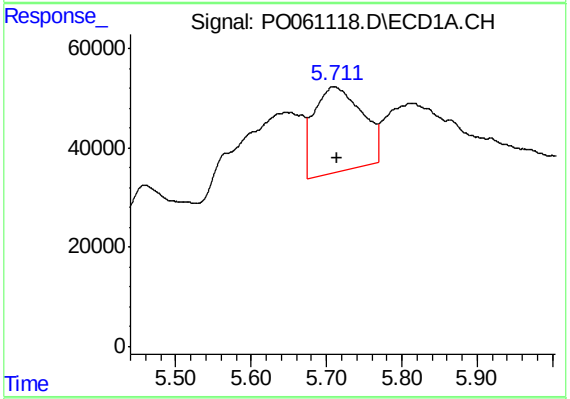
R.T.: 0.000 min
Exp R.T. : 5.555 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_O
**ClientSampleId :**
HA14



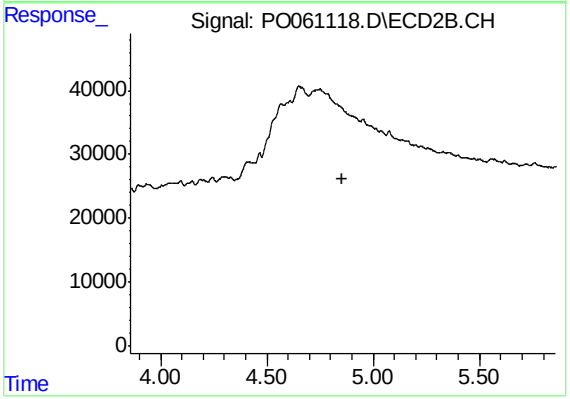

#13 AR-1232-3

R.T.: 4.722 min
Delta R.T.: -0.053 min
Response: 5525
Conc: 9.84 ng/ml



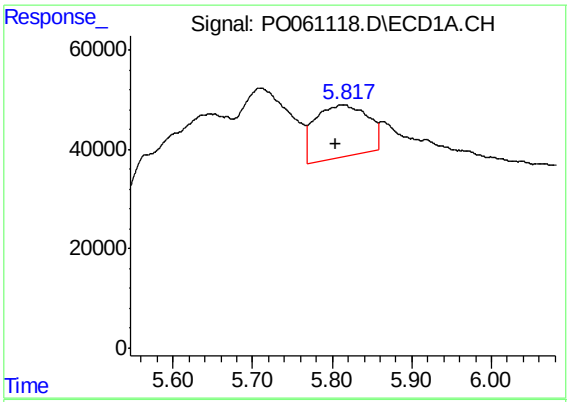

#14 AR-1232-4

R.T.: 5.711 min
Delta R.T.: -0.004 min
Response: 756861
Conc: 1101.46 ng/ml




#14 AR-1232-4

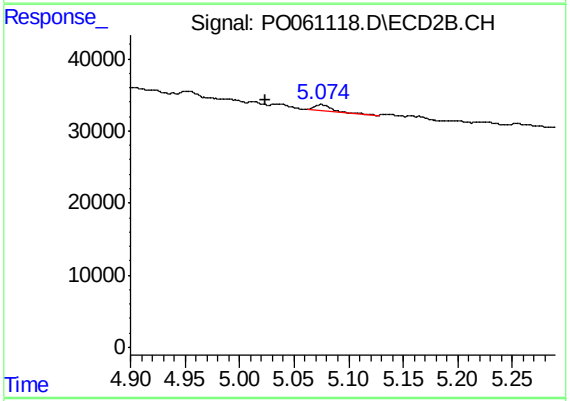
R.T.: 0.000 min
Exp R.T. : 4.857 min
Response: 0
Conc: N.D.




#15 AR-1232-5

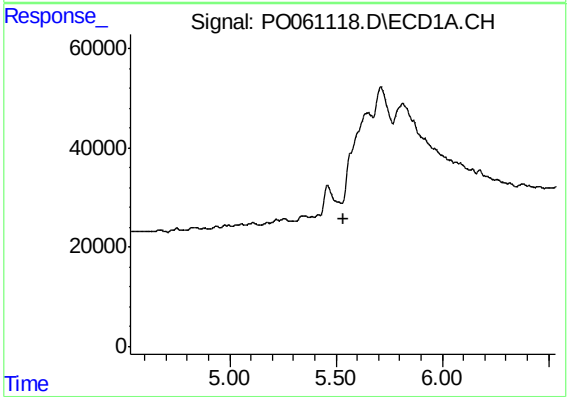
R.T.: 5.818 min
Delta R.T.: 0.013 min
Response: 477027
Conc: 871.13 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
HA14



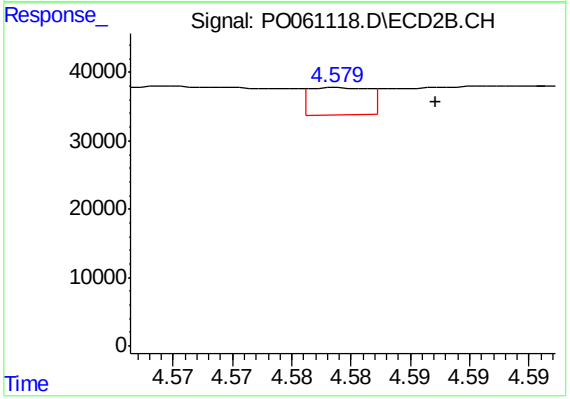

#15 AR-1232-5

R.T.: 5.074 min
Delta R.T.: 0.050 min
Response: 10114
Conc: 17.87 ng/ml



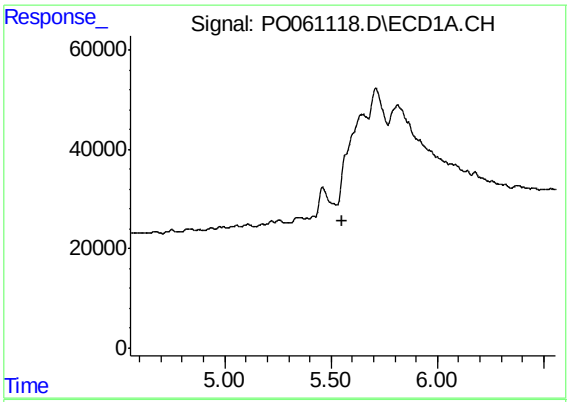

#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.533 min
Response: 0
Conc: N.D.




#16 AR-1242-1

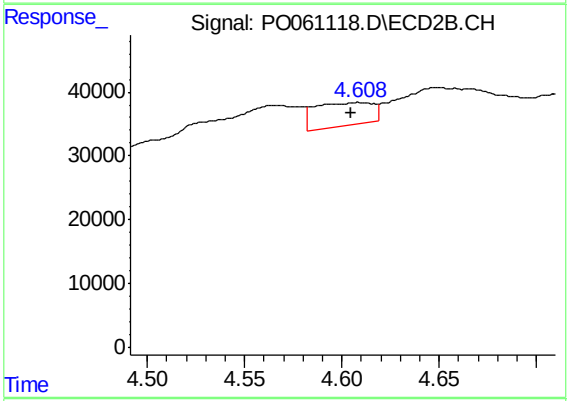
R.T.: 4.579 min
Delta R.T.: -0.008 min
Response: 13982
Conc: 15.36 ng/ml




#17 AR-1242-2

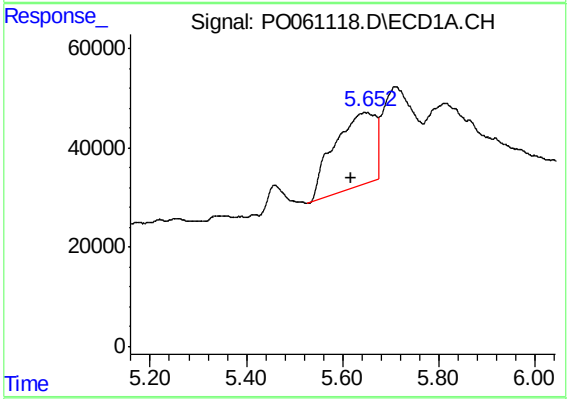
R.T.: 0.000 min
Exp R.T. : 5.556 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_O
**ClientSampleId :**
HA14



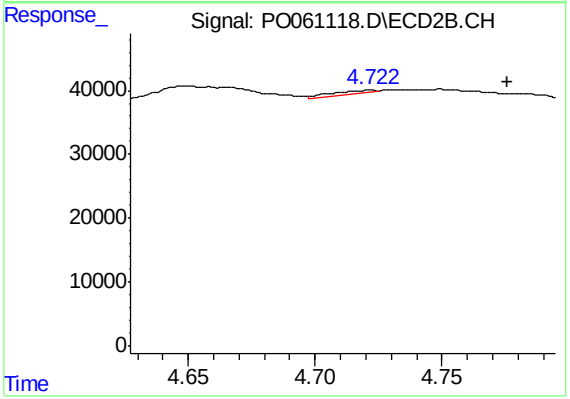

#17 AR-1242-2

R.T.: 4.608 min
Delta R.T.: 0.003 min
Response: 73486
Conc: 58.70 ng/ml



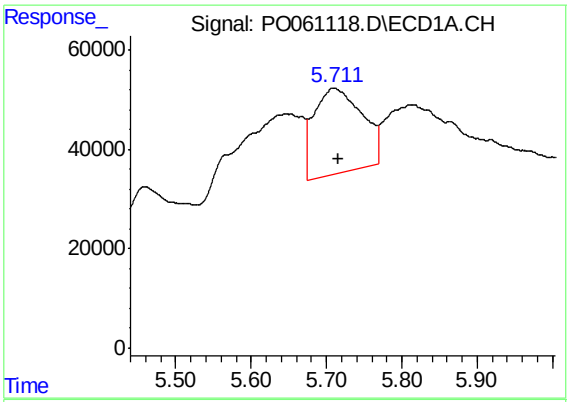

#18 AR-1242-3

R.T.: 5.653 min
Delta R.T.: 0.035 min
Response: 883191
Conc: 815.59 ng/ml




#18 AR-1242-3

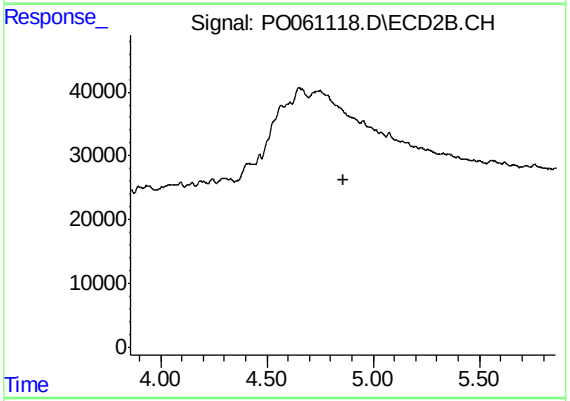
R.T.: 4.722 min
Delta R.T.: -0.053 min
Response: 5525
Conc: 7.73 ng/ml




#19 AR-1242-4

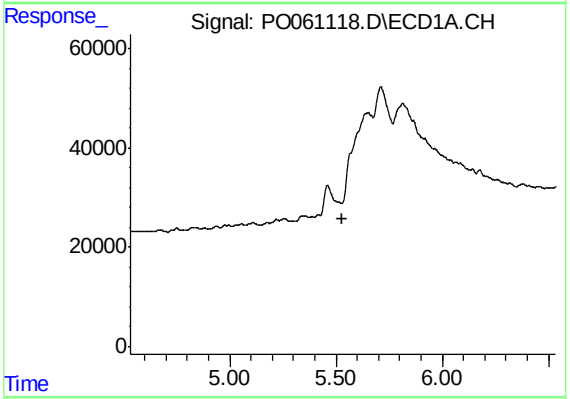
R.T.: 5.711 min
Delta R.T.: -0.004 min
Response: 756861
Conc: 857.34 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
HA14



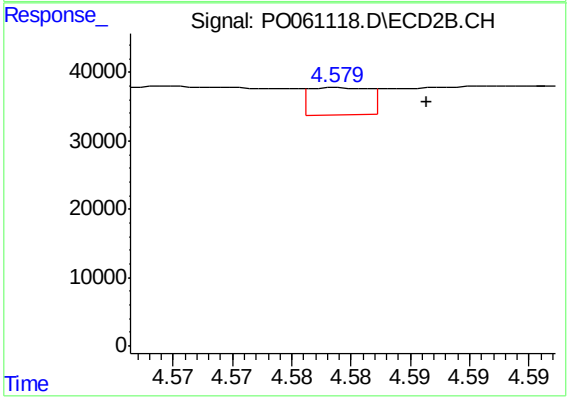

#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.858 min
Response: 0
Conc: N.D.



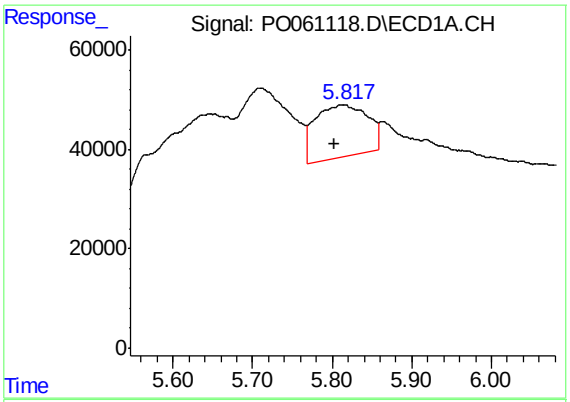

#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.532 min
Response: 0
Conc: N.D.




#21 AR-1248-1

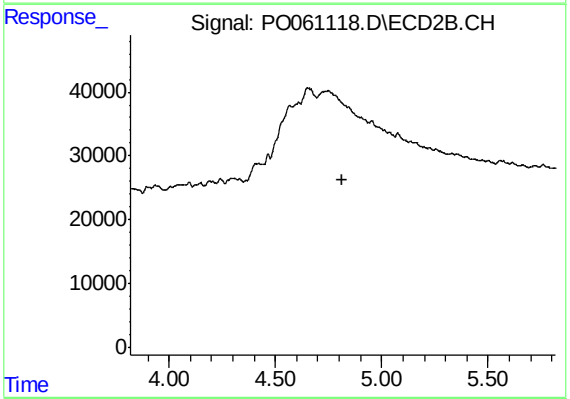
R.T.: 4.579 min
Delta R.T.: -0.007 min
Response: 13982
Conc: 19.71 ng/ml




#22 AR-1248-2

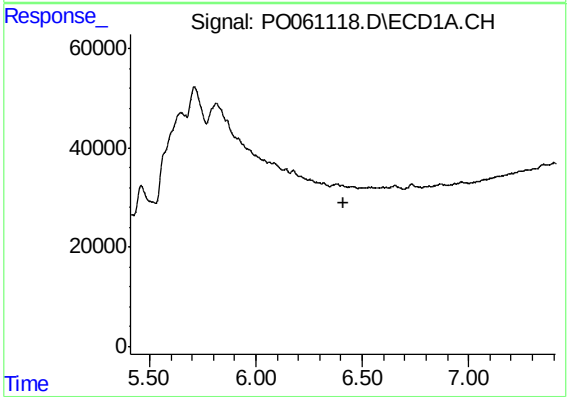
R.T.: 5.818 min
Delta R.T.: 0.014 min
Response: 477027
Conc: 356.72 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
HA14



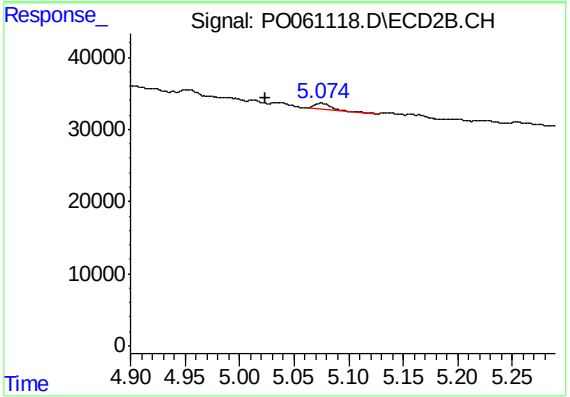

#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 4.818 min
Response: 0
Conc: N.D.



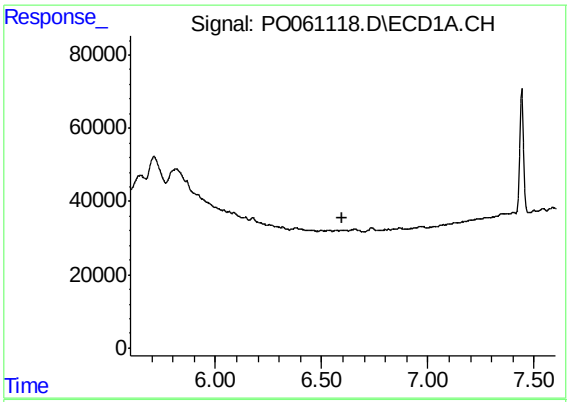

#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.409 min
Response: 0
Conc: N.D.




#24 AR-1248-4

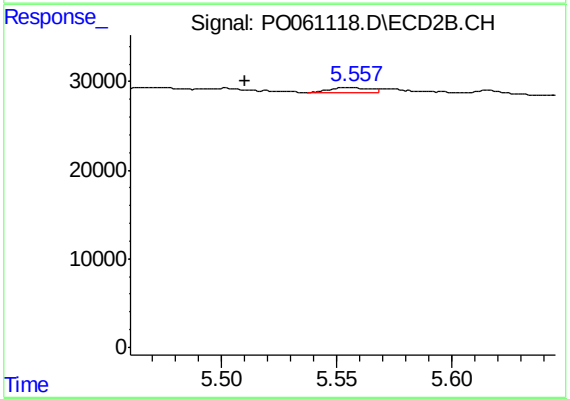
R.T.: 5.074 min
Delta R.T.: 0.051 min
Response: 10114
Conc: 8.42 ng/ml




#27 AR-1254-2

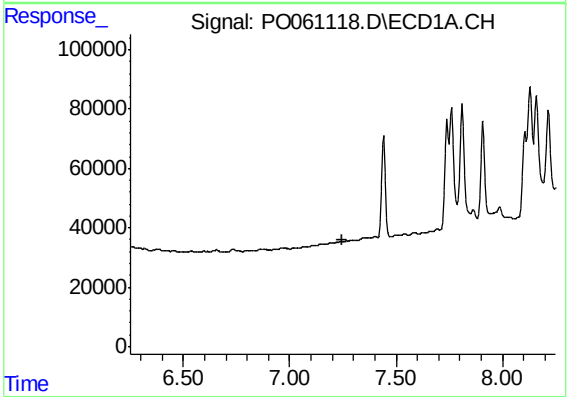
R.T.: 0.000 min
Exp R.T. : 6.600 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_O
**ClientSampleId :**
HA14



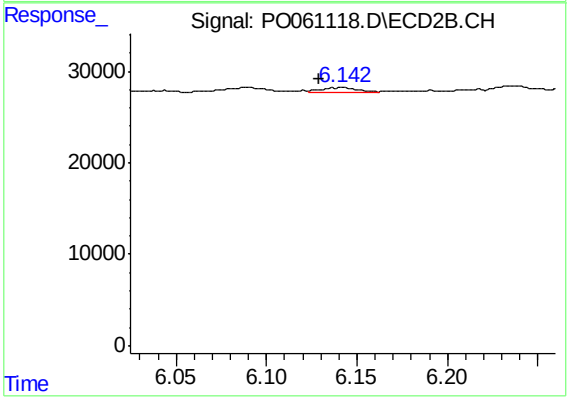

#27 AR-1254-2

R.T.: 5.557 min
Delta R.T.: 0.047 min
Response: 7376
Conc: 3.91 ng/ml



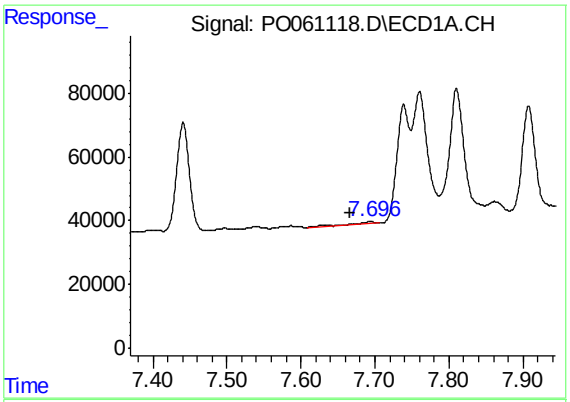

#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 7.250 min
Response: 0
Conc: N.D.




#29 AR-1254-4

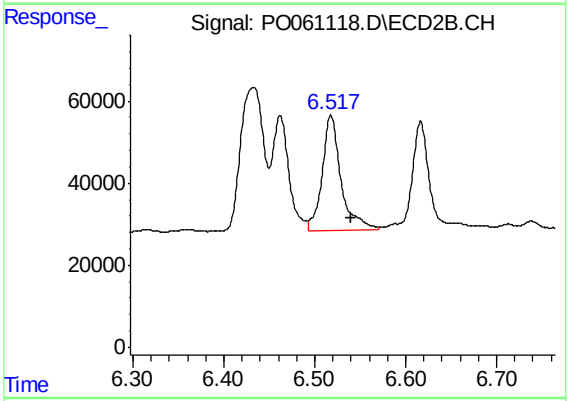
R.T.: 6.142 min
Delta R.T.: 0.013 min
Response: 6635
Conc: 3.19 ng/ml




#30 AR-1254-5

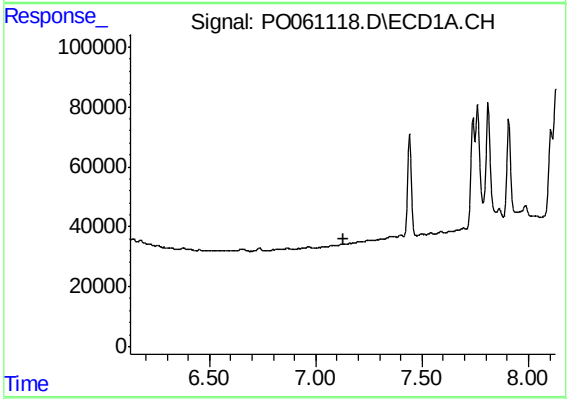
R.T.: 7.696 min
Delta R.T.: 0.029 min
Response: 13716
Conc: 4.65 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
HA14



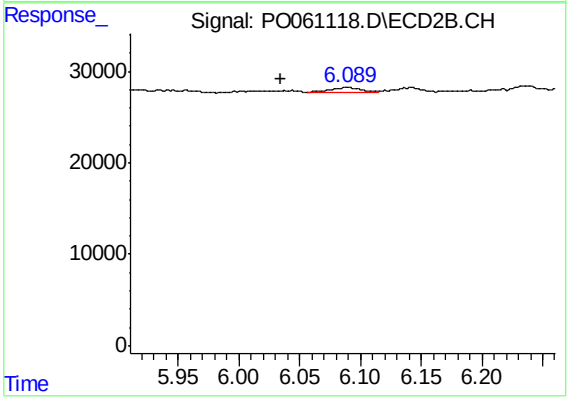

#30 AR-1254-5

R.T.: 6.518 min
Delta R.T.: -0.022 min
Response: 406400
Conc: 128.41 ng/ml



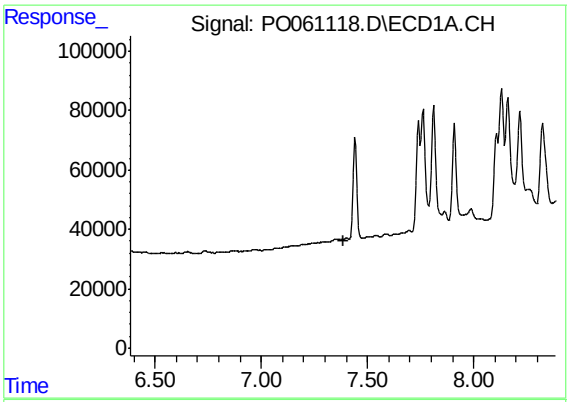

#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 7.128 min
Response: 0
Conc: N.D.




#31 AR-1260-1

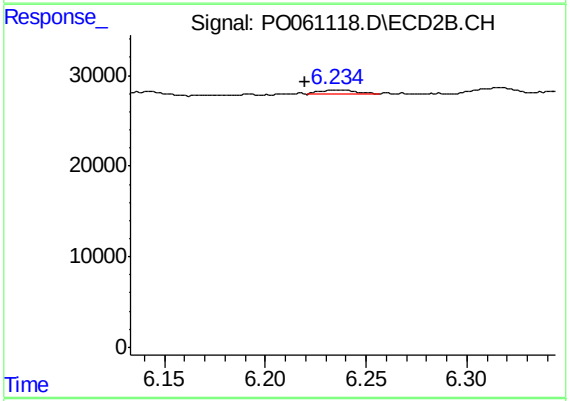
R.T.: 6.089 min
Delta R.T.: 0.054 min
Response: 8571
Conc: 4.08 ng/ml




#32 AR-1260-2

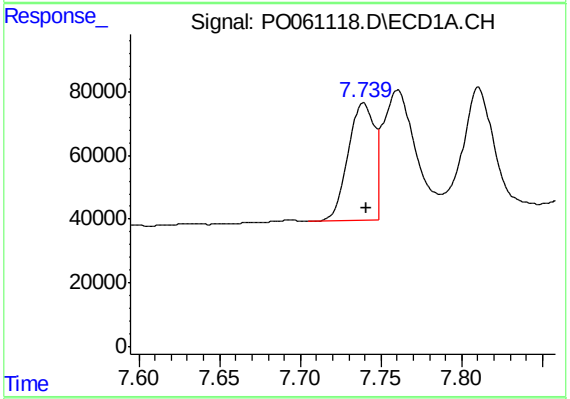
R.T.: 7.354 min
Delta R.T.: -0.031 min
Response: -39629
Conc: N.D.

**Instrument :**
ECD_O
**ClientSampleId :**
HA14



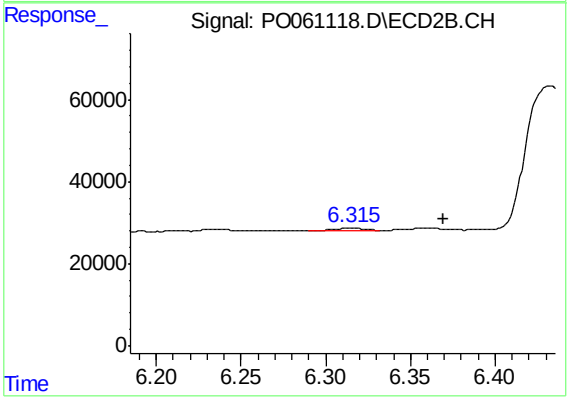

#32 AR-1260-2

R.T.: 6.235 min
Delta R.T.: 0.015 min
Response: 5915
Conc: 2.29 ng/ml



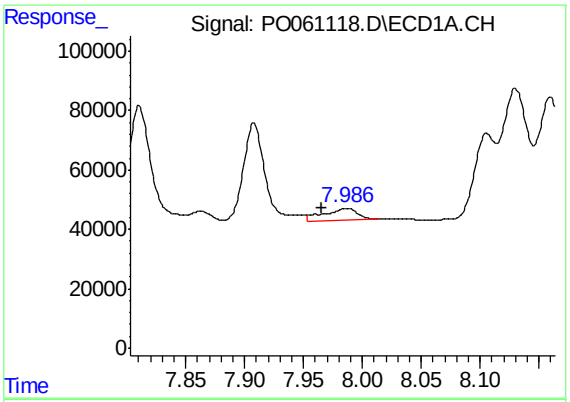

#33 AR-1260-3

R.T.: 7.739 min
Delta R.T.: -0.002 min
Response: 422537
Conc: 177.06 ng/ml




#33 AR-1260-3

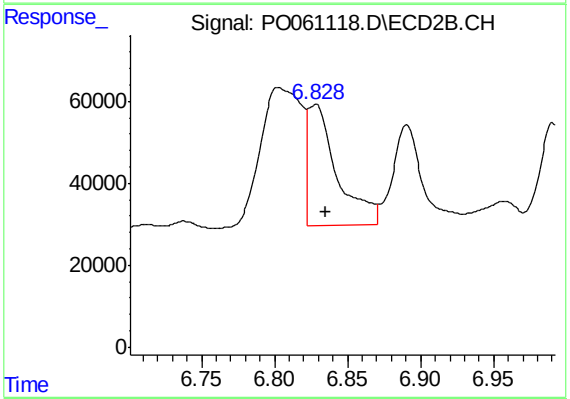
R.T.: 6.316 min
Delta R.T.: -0.054 min
Response: 7607
Conc: 3.16 ng/ml




#34 AR-1260-4

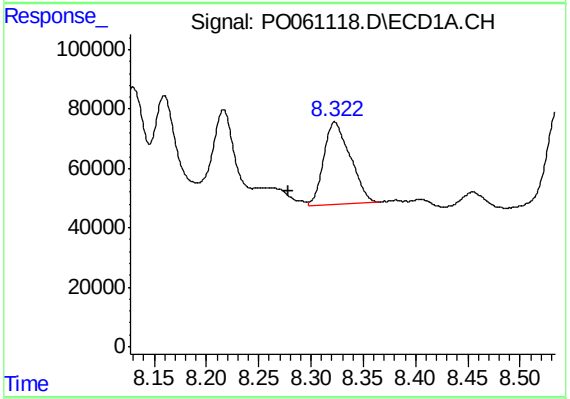
R.T.: 7.986 min
Delta R.T.: 0.021 min
Response: 83261
Conc: 29.76 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
HA14



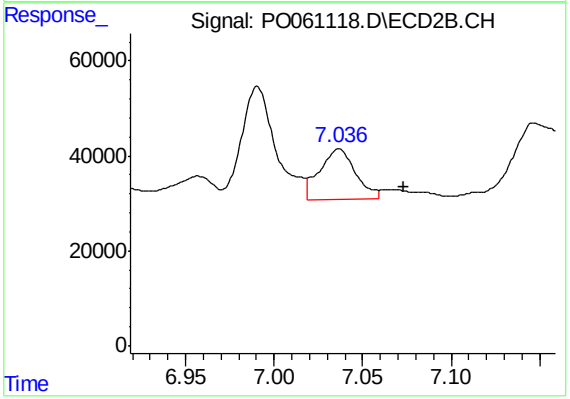

#34 AR-1260-4

R.T.: 6.828 min
Delta R.T.: -0.006 min
Response: 418131
Conc: 195.37 ng/ml



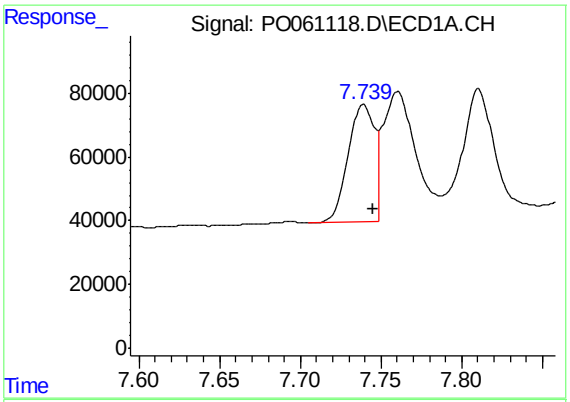

#35 AR-1260-5

R.T.: 8.323 min
Delta R.T.: 0.044 min
Response: 485409
Conc: 89.14 ng/ml




#35 AR-1260-5

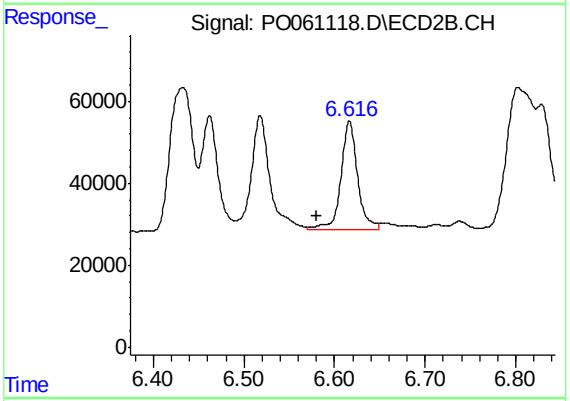
R.T.: 7.037 min
Delta R.T.: -0.037 min
Response: 148073
Conc: 30.64 ng/ml




#36 AR-1262-1

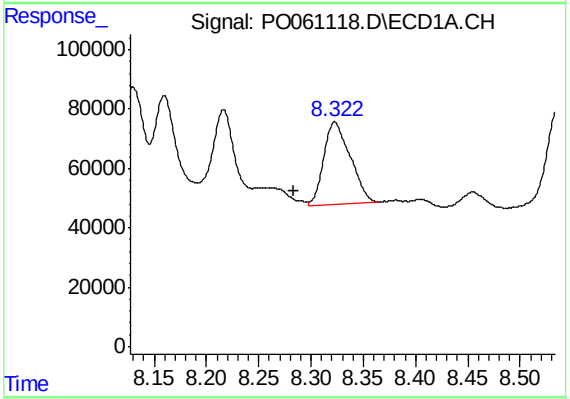
R.T.: 7.739 min
Delta R.T.: -0.006 min
Response: 422537
Conc: 119.62 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
HA14



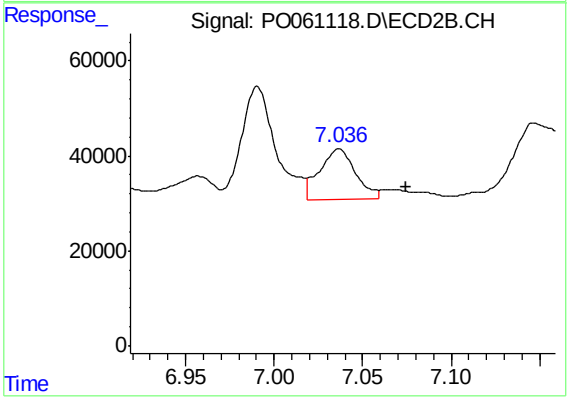

#36 AR-1262-1

R.T.: 6.617 min
Delta R.T.: 0.036 min
Response: 340016
Conc: 113.84 ng/ml



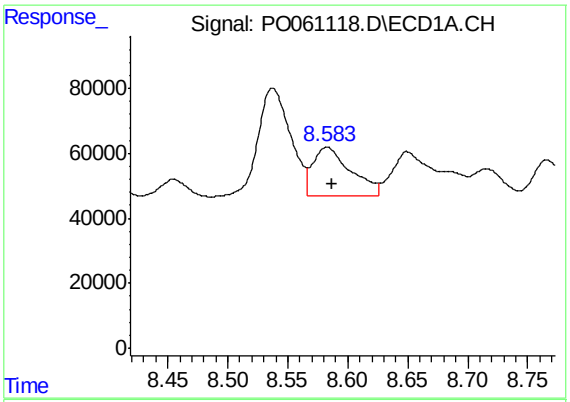

#37 AR-1262-2

R.T.: 8.323 min
Delta R.T.: 0.039 min
Response: 485409
Conc: 77.86 ng/ml




#37 AR-1262-2

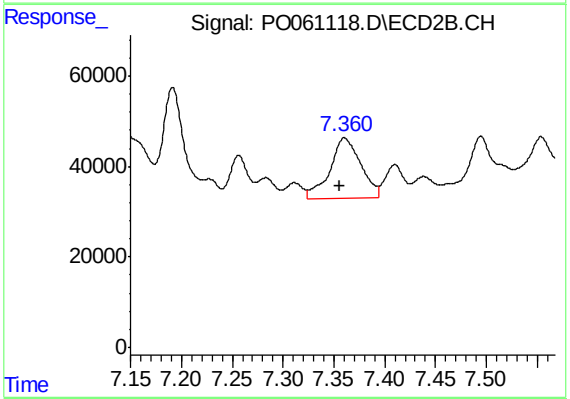
R.T.: 7.037 min
Delta R.T.: -0.038 min
Response: 148073
Conc: 28.48 ng/ml




#38 AR-1262-3

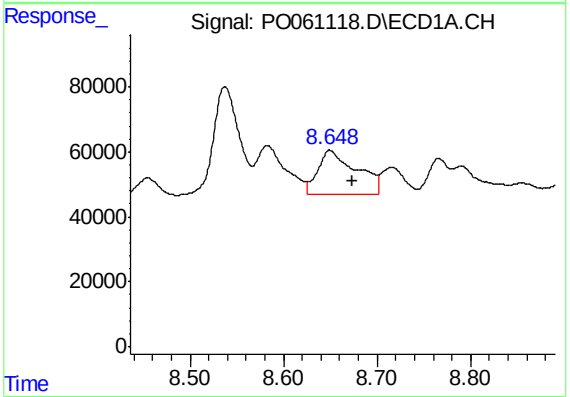
R.T.: 8.583 min
Delta R.T.: -0.004 min
Response: 332562
Conc: 78.05 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
HA14



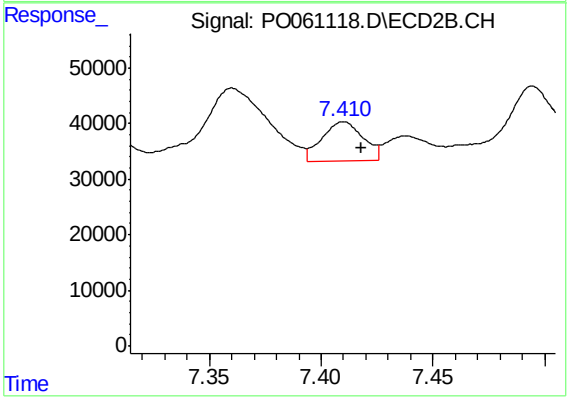

#38 AR-1262-3

R.T.: 7.360 min
Delta R.T.: 0.005 min
Response: 280059
Conc: 131.95 ng/ml



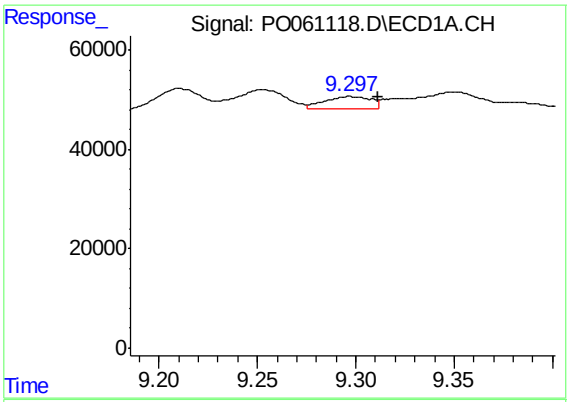

#39 AR-1262-4

R.T.: 8.649 min
Delta R.T.: -0.024 min
Response: 386156
Conc: 118.44 ng/ml




#39 AR-1262-4

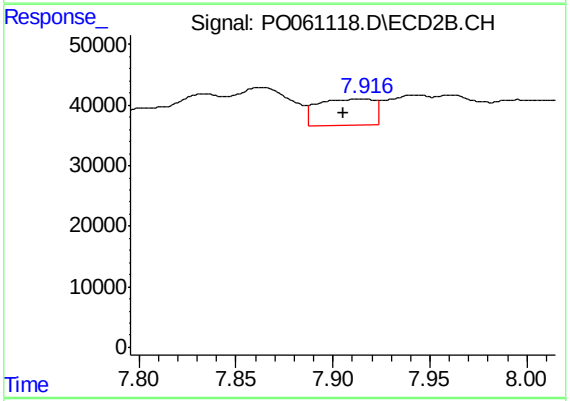
R.T.: 7.410 min
Delta R.T.: -0.008 min
Response: 88784
Conc: 23.24 ng/ml




#40 AR-1262-5

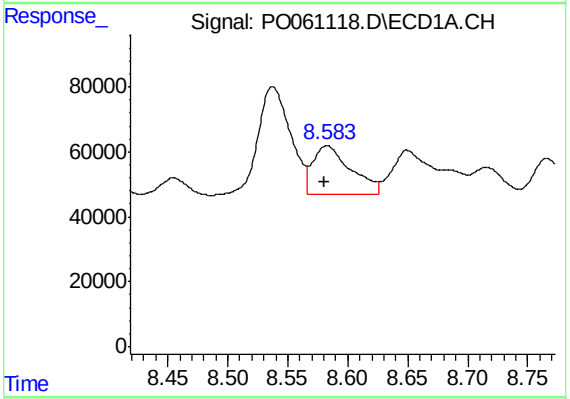
R.T.: 9.297 min
Delta R.T.: -0.014 min
Response: 41234
Conc: 20.28 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
HA14



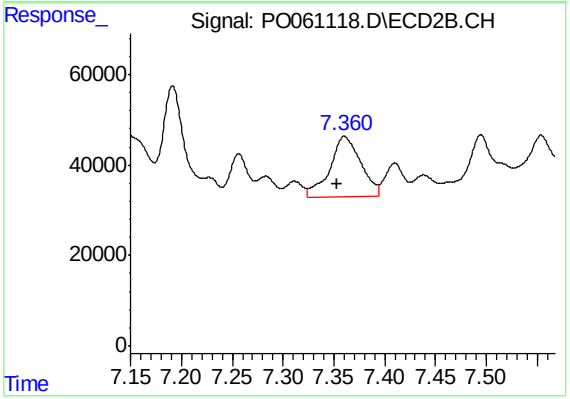

#40 AR-1262-5

R.T.: 7.916 min
Delta R.T.: 0.011 min
Response: 89840
Conc: 53.67 ng/ml



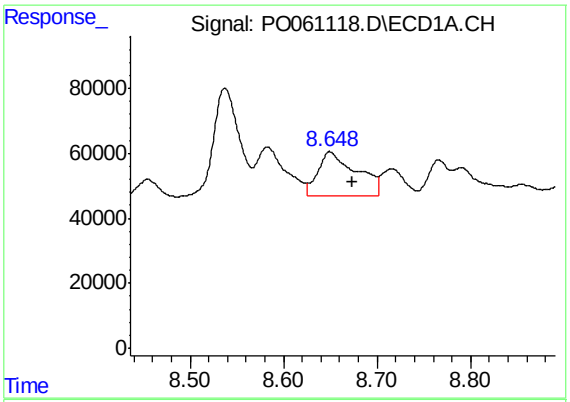

#41 AR-1268-1

R.T.: 8.583 min
Delta R.T.: 0.003 min
Response: 332562
Conc: 45.06 ng/ml




#41 AR-1268-1

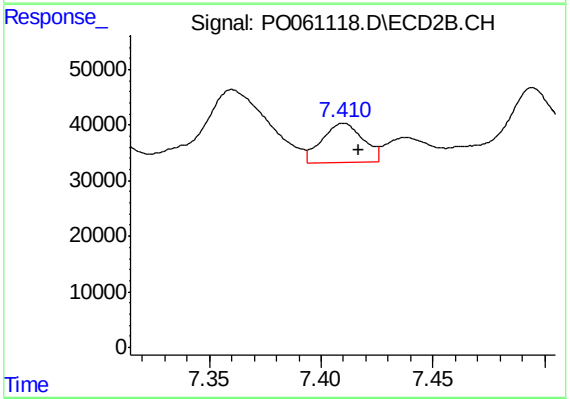
R.T.: 7.360 min
Delta R.T.: 0.007 min
Response: 280059
Conc: 47.77 ng/ml




#42 AR-1268-2

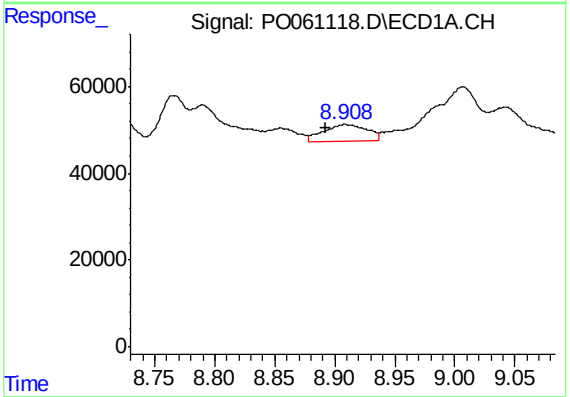
R.T.: 8.649 min
Delta R.T.: -0.024 min
Response: 386156
Conc: 57.17 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
HA14



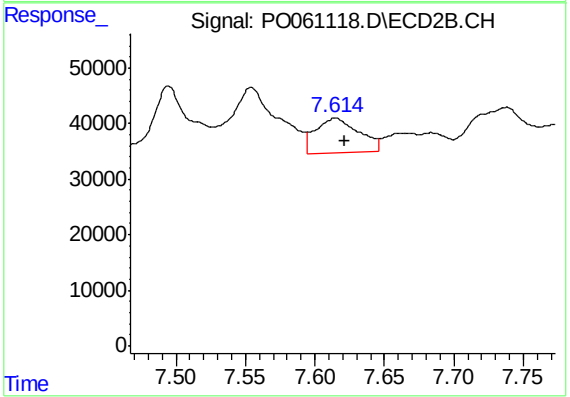

#42 AR-1268-2

R.T.: 7.410 min
Delta R.T.: -0.007 min
Response: 88784
Conc: 16.66 ng/ml



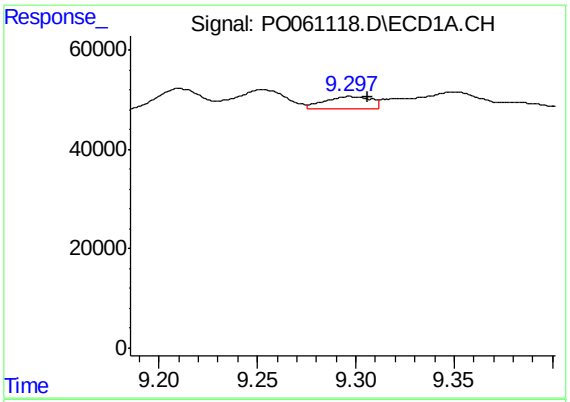

#43 AR-1268-3

R.T.: 8.908 min
Delta R.T.: 0.016 min
Response: 97534
Conc: 17.37 ng/ml




#43 AR-1268-3

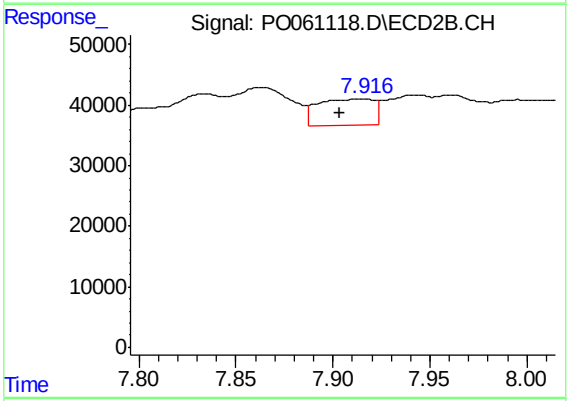
R.T.: 7.615 min
Delta R.T.: -0.007 min
Response: 136517
Conc: 30.80 ng/ml




#44 AR-1268-4

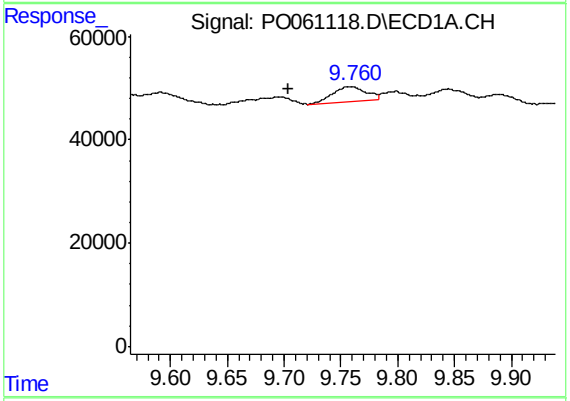
R.T.: 9.297 min
Delta R.T.: -0.009 min
Response: 41234
Conc: 17.88 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
HA14



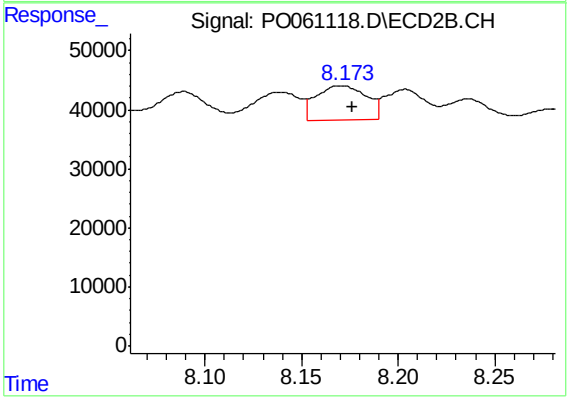

#44 AR-1268-4

R.T.: 7.916 min
Delta R.T.: 0.013 min
Response: 89840
Conc: 47.02 ng/ml




#45 AR-1268-5

R.T.: 9.760 min
Delta R.T.: 0.057 min
Response: 58464
Conc: 3.69 ng/ml




#45 AR-1268-5

R.T.: 8.171 min
Delta R.T.: -0.006 min
Response: 102196
Conc: 8.49 ng/ml