Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO092818\
Data File : PO049464.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Sep 2018 2:41
Operator : SM/SJ
Sample : J5133-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 29 05:02:08 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO092818.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 29 00:05:46 2018
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... | 4.389 | 3.520 | 4110992 | 3480304 | 19.591 | 20.346 | |
| 2) | SA Decachlor... | 10.100 | 8.450 | 4620500 | 3014105 | 12.868 | 12.498 | |
| | Target Compounds | | | | | | | |
| 3) | L1 AR-1016-1 | 0.000 | 4.625 | 0 | 207390 | N.D. | 25.777 | # |
| 4) | L1 AR-1016-2 | 0.000 | 4.625 | 0 | 207390 | N.D. | 18.961 | # |
| 5) | L1 AR-1016-3 | 0.000 | 4.790 | 0 | 522537 | N.D. | 79.991 | # |
| 6) | L1 AR-1016-4 | 0.000 | 4.790 | 0 | 522537 | N.D. | 110.691 | # |
| 7) | L1 AR-1016-5 | 6.051 | 0.000 | 232014 | 0 | 32.024 | N.D. | # |
| 8) | L2 AR-1221-1 | 0.000 | 3.688 | 0 | 398420 | N.D. | 194.361 | # |
| 9) | L2 AR-1221-2 | 4.673 | 3.860 | 691204 | 48836 | 431.551 | 31.540 | # |
| 10) | L2 AR-1221-3 | 4.772 | 3.904 | 1313531 | 189216 | 244.127 | 38.918 | # |
| 11) | L3 AR-1232-1 | 4.772 | 3.904 | 1313531 | 189216 | 319.706 | 56.515 | # |
| 12) | L3 AR-1232-2 | 5.254 | 4.625 | 424421 | 207390 | 197.496 | 52.134 | # |
| 13) | L3 AR-1232-3 | 0.000 | 4.790 | 0 | 522537 | N.D. | 227.744 | # |
| 14) | L3 AR-1232-4 | 0.000 | 4.889 | 0 | 414155 | N.D. | 216.372 | # |
| 15) | L3 AR-1232-5 | 5.818 | 0.000 | 405089 | 0 | 234.681 | N.D. | # |
| 16) | L4 AR-1242-1 | 0.000 | 4.625 | 0 | 207390 | N.D. | 27.941 | # |
| 17) | L4 AR-1242-2 | 0.000 | 4.625 | 0 | 207390 | N.D. | 20.188 | # |
| 18) | L4 AR-1242-3 | 0.000 | 4.790 | 0 | 522537 | N.D. | 90.587 | # |
| 19) | L4 AR-1242-4 | 0.000 | 4.889 | 0 | 414155 | N.D. | 77.045 | # |
| 20) | L4 AR-1242-5 | 6.449 | 5.383 | 223392 | 417943 | 34.799 | 57.392 | # |
| 21) | L5 AR-1248-1 | 0.000 | 4.625 | 0 | 207390 | N.D. | 37.603 | # |
| 22) | L5 AR-1248-2 | 5.818 | 4.790 | 405089 | 522537 | 54.882 | 74.608 | # |
| 23) | L5 AR-1248-3 | 6.051 | 4.889 | 232014 | 414155 | 25.891 | 56.901 | # |
| 24) | L5 AR-1248-4 | 6.449 | 0.000 | 223392 | 0 | 20.681 | N.D. | # |
| 25) | L5 AR-1248-5 | 6.449 | 5.383 | 223392 | 417943 | 21.848 | 43.024 | # |
| 26) | L6 AR-1254-1 | 6.449 | 5.383 | 223392 | 417943 | 19.523 | 24.989 | # |
| 27) | L6 AR-1254-2 | 6.644 | 5.489 | 184972 | 292535 | 10.146 | 19.951 | # |
| 28) | L6 AR-1254-3 | 7.052 | 5.958 | 135201 | 525226 | 6.504 | 21.164 | # |
| 30) | L6 AR-1254-5 | 7.661 | 6.510 | 360980 | 173078 | 21.069 | 7.542 | # |
| 31) | L7 AR-1260-1 | 0.000 | 6.053 | 0 | 124538 | N.D. | 8.273 | # |
| 32) | L7 AR-1260-2 | 7.412 | 0.000 | 295055 | 0 | 14.207 | N.D. | # |
| 33) | L7 AR-1260-3 | 0.000 | 6.376 | 0 | 385249 | N.D. | 21.954 | # |
| 34) | L7 AR-1260-4 | 7.981 | 0.000 | 243025 | 0 | 14.782 | N.D. | # |
| 35) | L7 AR-1260-5 | 8.333 | 7.050 | 493623 | 345465 | 13.579 | 9.737 | # |
| 37) | L8 AR-1262-2 | 8.333 | 7.050 | 493623 | 345465 | 14.918 | 9.105 | # |
| 39) | L8 AR-1262-4 | 8.735 | 7.446 | 243206 | 72903 | 20.846 | 2.638 | # |
| 42) | L9 AR-1268-2 | 8.735 | 7.446 | 243206 | 72903 | 5.644 | 1.634 | # |

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

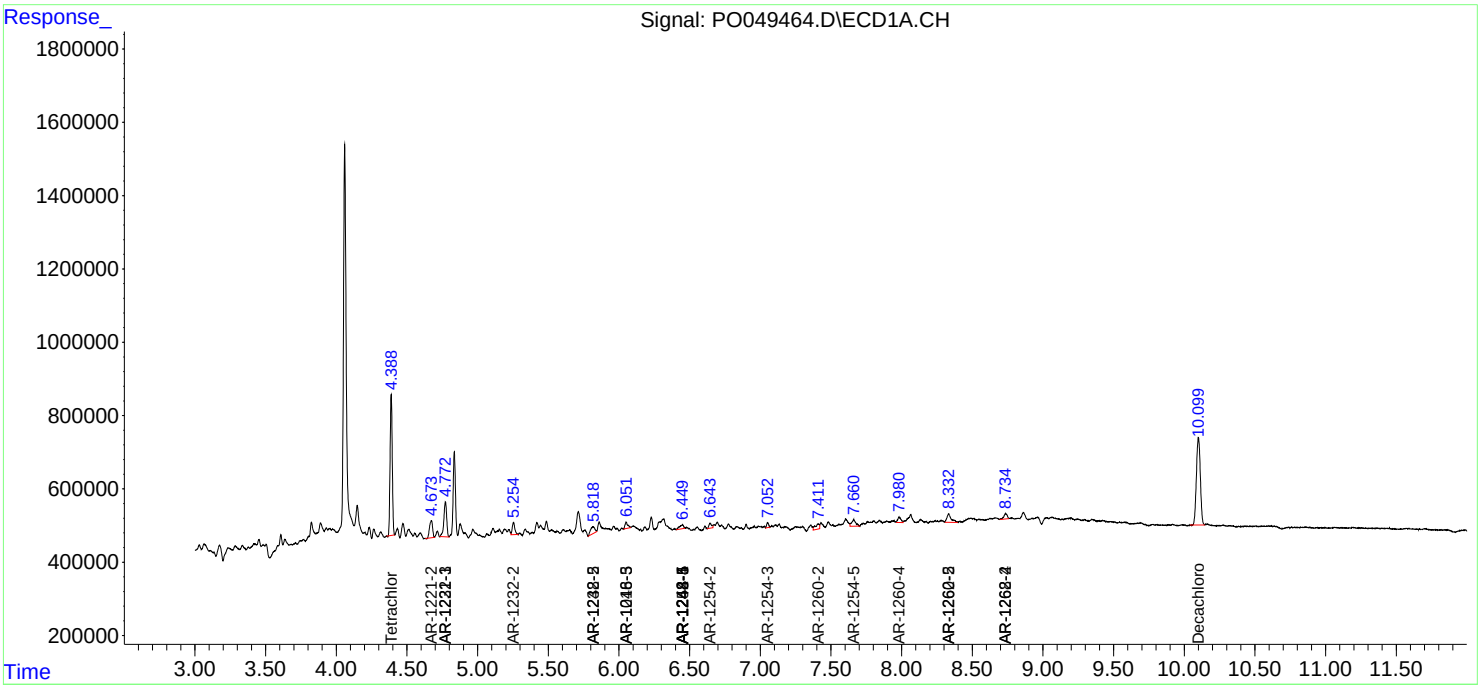
Quantitation Report (Not Reviewed)

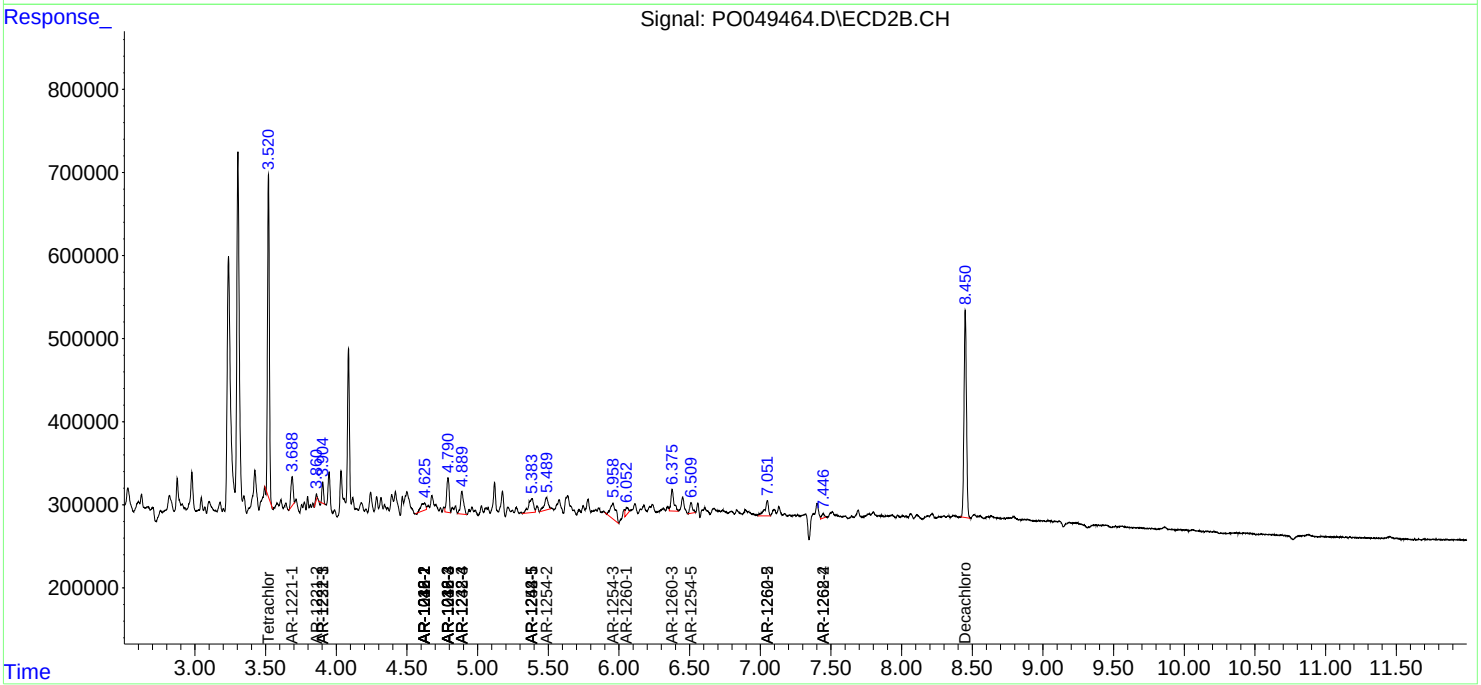
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO092818\
Data File : PO049464.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Sep 2018 2:41
Operator : SM/SJ
Sample : J5133-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

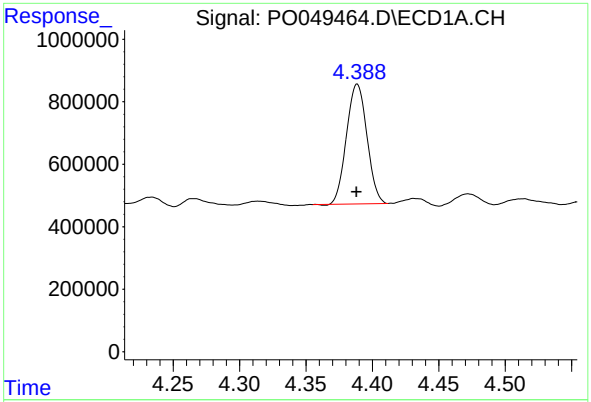
**Instrument :** ECD_O
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 29 05:02:08 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO092818.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 29 00:05:46 2018
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



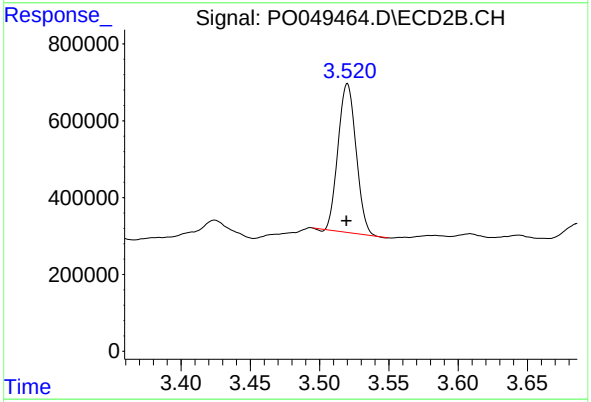






#1 Tetrachloro-m-xylene

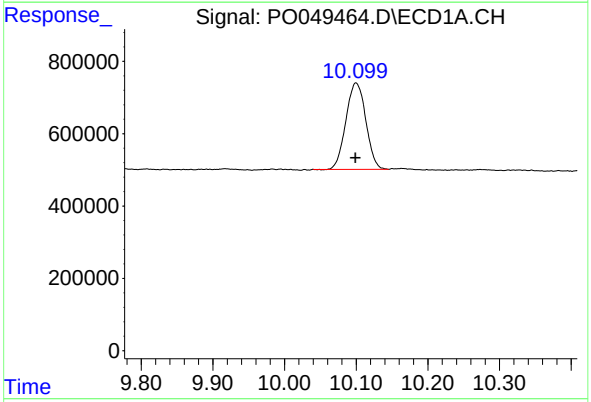
R.T.: 4.389 min
Delta R.T.: 0.000 min
Response: 4110992
Conc: 19.59 ng/ml

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



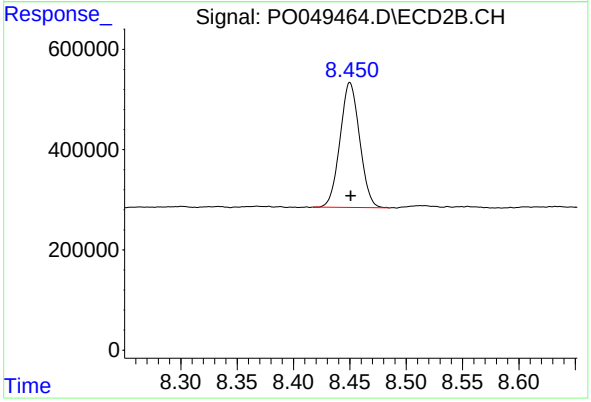

#1 Tetrachloro-m-xylene

R.T.: 3.520 min
Delta R.T.: 0.000 min
Response: 3480304
Conc: 20.35 ng/ml



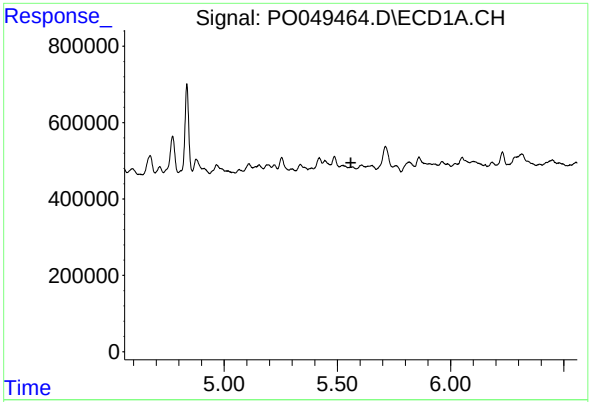

#2 Decachlorobiphenyl

R.T.: 10.100 min
Delta R.T.: 0.000 min
Response: 4620500
Conc: 12.87 ng/ml




#2 Decachlorobiphenyl

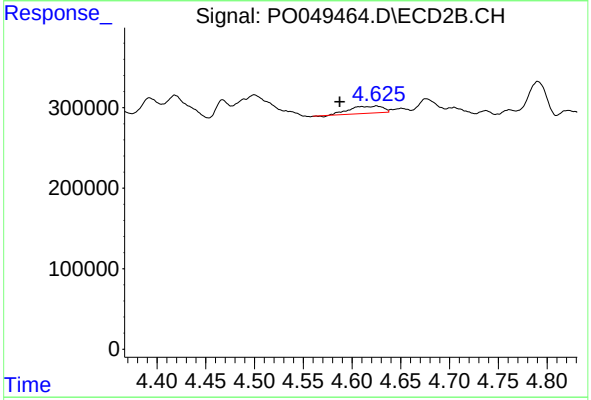
R.T.: 8.450 min
Delta R.T.: 0.000 min
Response: 3014105
Conc: 12.50 ng/ml




#3 AR-1016-1

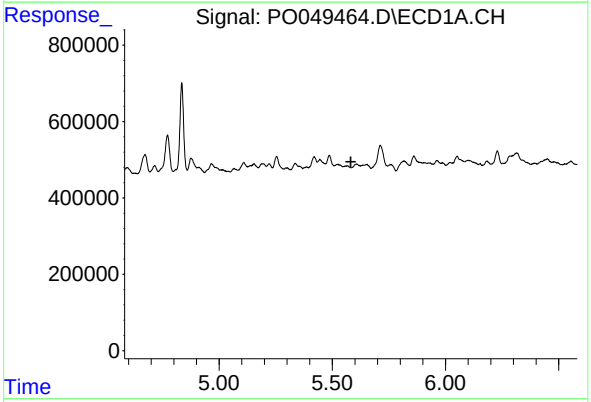
R.T.: 0.000 min
Exp R.T. : 5.560 min
Response: 0
Conc: N.D.

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



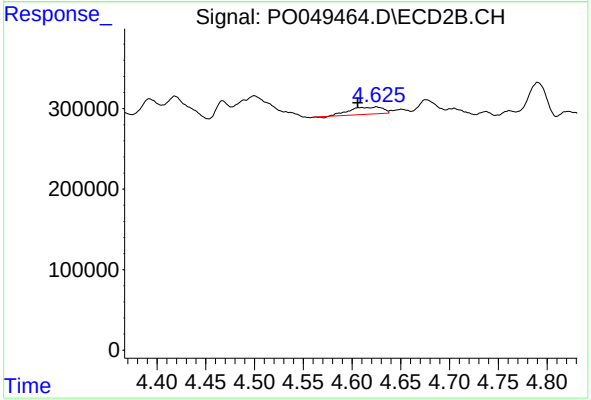

#3 AR-1016-1

R.T.: 4.625 min
Delta R.T.: 0.038 min
Response: 207390
Conc: 25.78 ng/ml



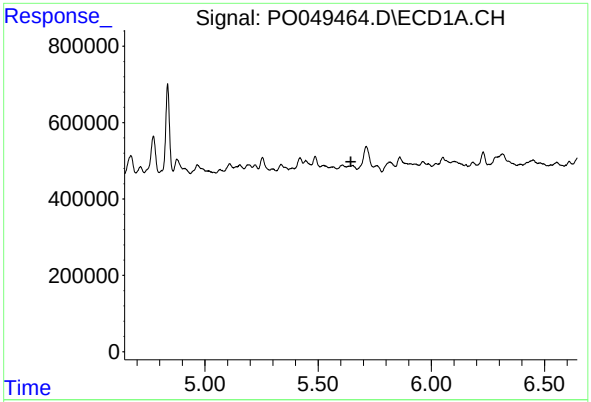

#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.582 min
Response: 0
Conc: N.D.




#4 AR-1016-2

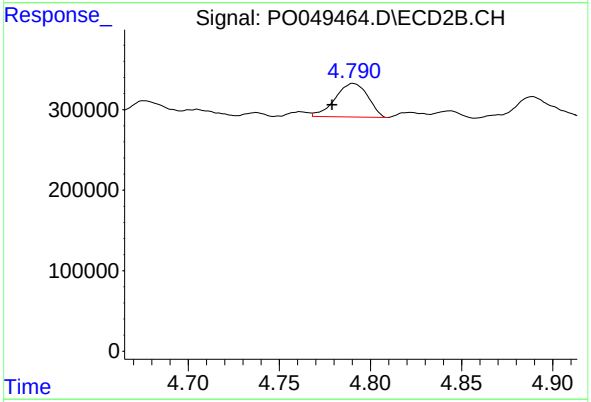
R.T.: 4.625 min
Delta R.T.: 0.019 min
Response: 207390
Conc: 18.96 ng/ml




#5 AR-1016-3

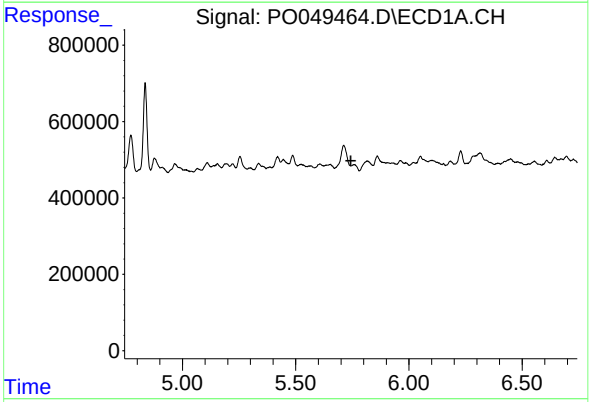
R.T.: 0.000 min
Exp R.T. : 5.644 min
Response: 0
Conc: N.D.

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



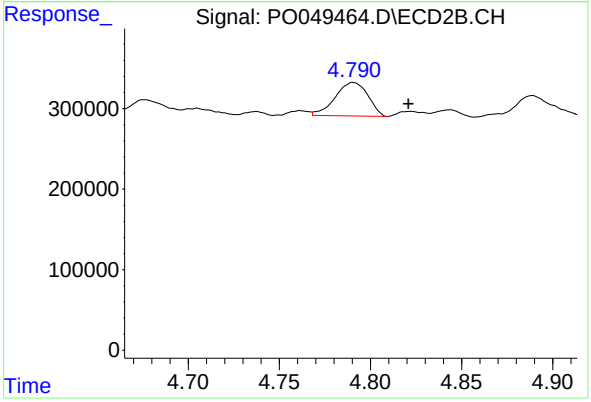

#5 AR-1016-3

R.T.: 4.790 min
Delta R.T.: 0.012 min
Response: 522537
Conc: 79.99 ng/ml



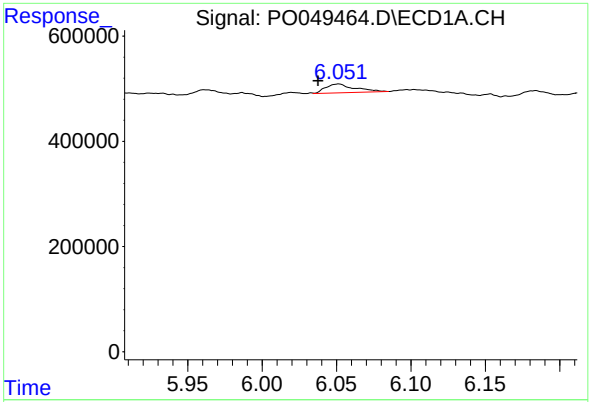

#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.743 min
Response: 0
Conc: N.D.




#6 AR-1016-4

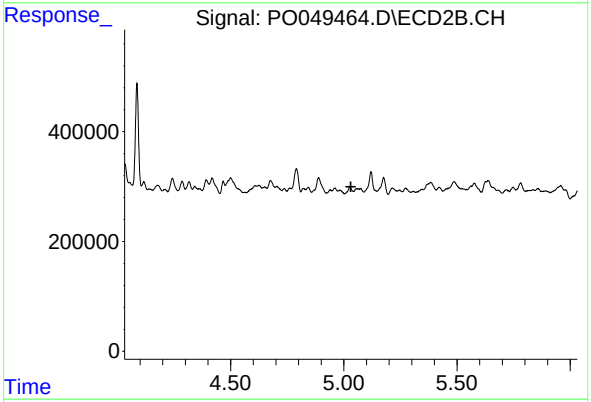
R.T.: 4.790 min
Delta R.T.: -0.030 min
Response: 522537
Conc: 110.69 ng/ml




#7 AR-1016-5

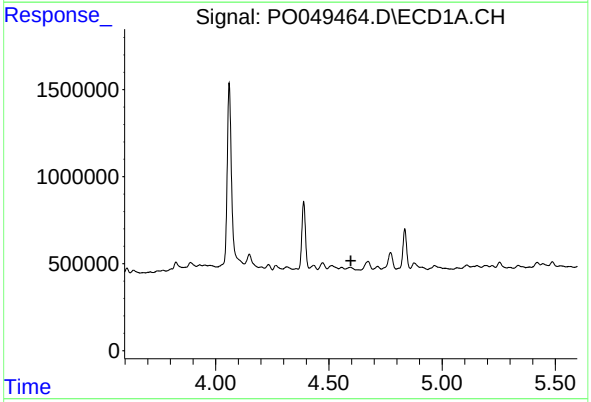
R.T.: 6.051 min
Delta R.T.: 0.014 min
Response: 232014
Conc: 32.02 ng/ml

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



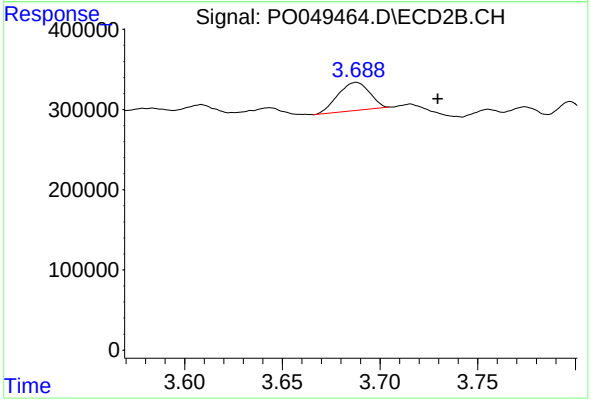

#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.031 min
Response: 0
Conc: N.D.



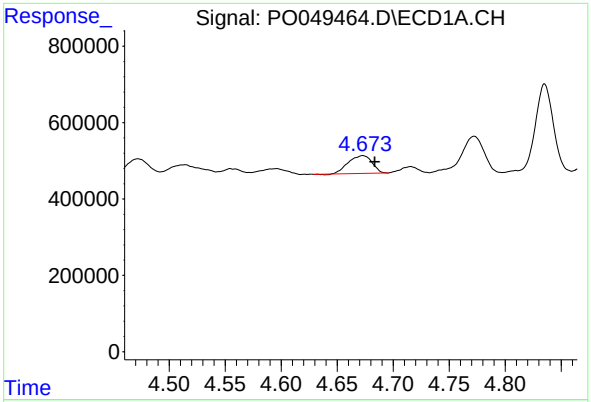

#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.597 min
Response: 0
Conc: N.D.




#8 AR-1221-1

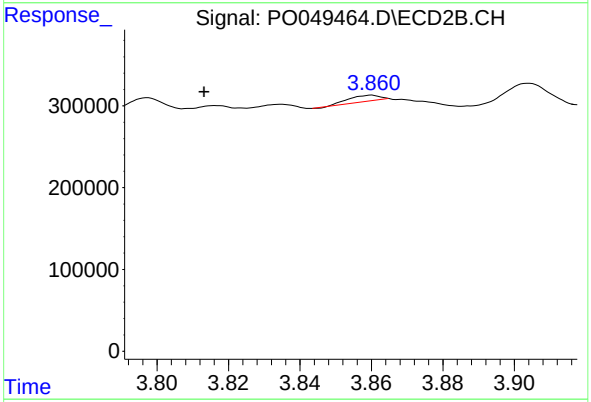
R.T.: 3.688 min
Delta R.T.: -0.041 min
Response: 398420
Conc: 194.36 ng/ml




#9 AR-1221-2

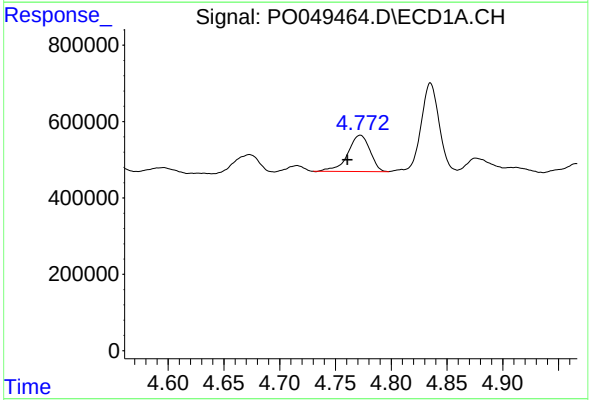
R.T.: 4.673 min
Delta R.T.: -0.011 min
Response: 691204
Conc: 431.55 ng/ml

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



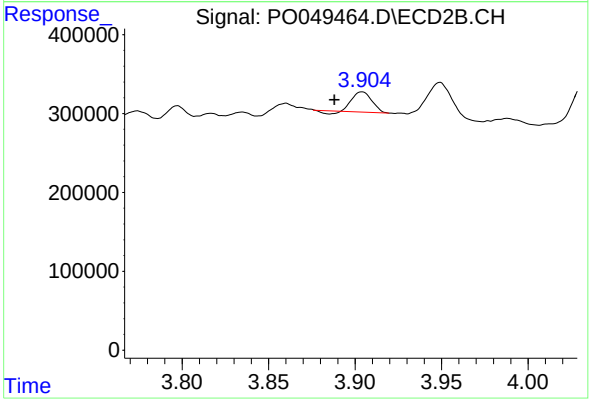

#9 AR-1221-2

R.T.: 3.860 min
Delta R.T.: 0.047 min
Response: 48836
Conc: 31.54 ng/ml



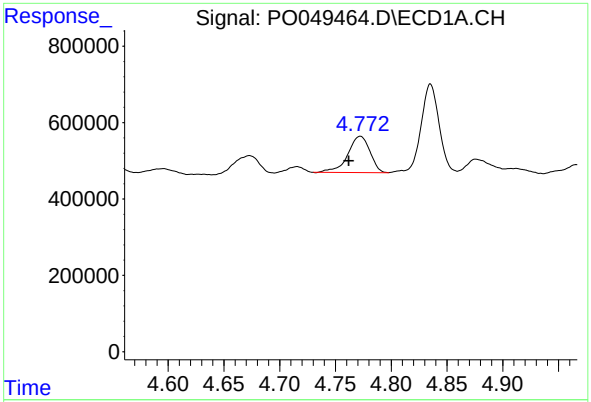

#10 AR-1221-3

R.T.: 4.772 min
Delta R.T.: 0.012 min
Response: 1313531
Conc: 244.13 ng/ml




#10 AR-1221-3

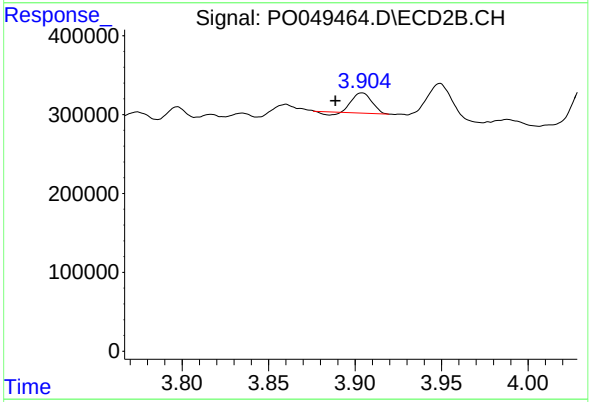
R.T.: 3.904 min
Delta R.T.: 0.016 min
Response: 189216
Conc: 38.92 ng/ml




#11 AR-1232-1

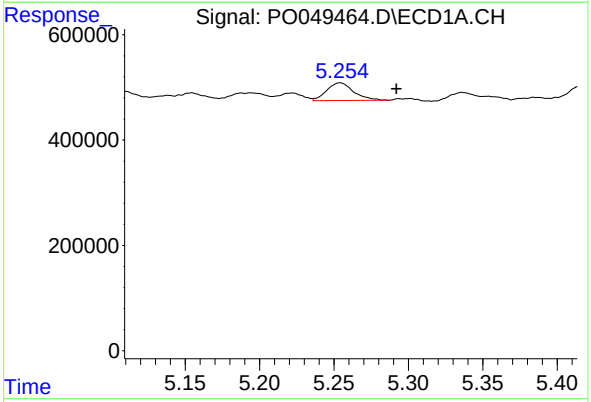
R.T.: 4.772 min
Delta R.T.: 0.010 min
Response: 1313531
Conc: 319.71 ng/ml

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



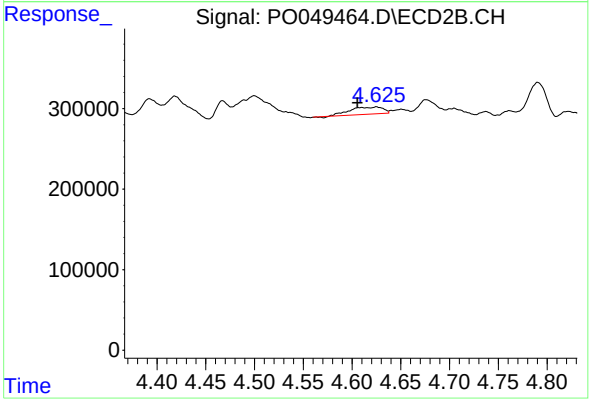

#11 AR-1232-1

R.T.: 3.904 min
Delta R.T.: 0.015 min
Response: 189216
Conc: 56.52 ng/ml



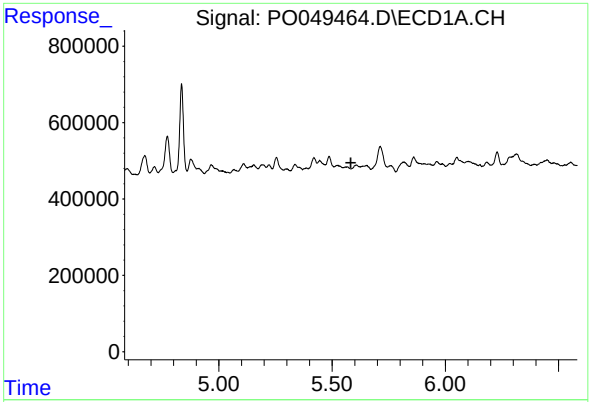

#12 AR-1232-2

R.T.: 5.254 min
Delta R.T.: -0.038 min
Response: 424421
Conc: 197.50 ng/ml




#12 AR-1232-2

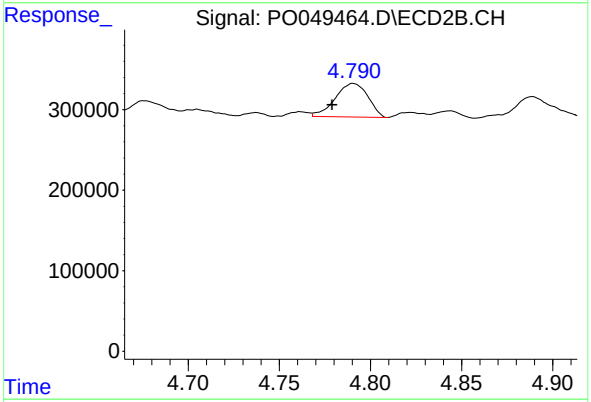
R.T.: 4.625 min
Delta R.T.: 0.020 min
Response: 207390
Conc: 52.13 ng/ml




#13 AR-1232-3

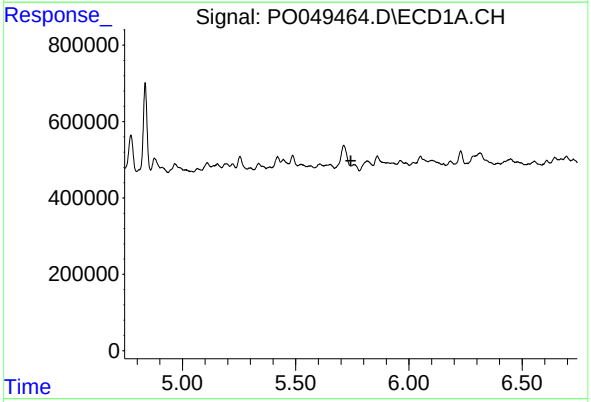
R.T.: 0.000 min
Exp R.T. : 5.583 min
Response: 0
Conc: N.D.

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



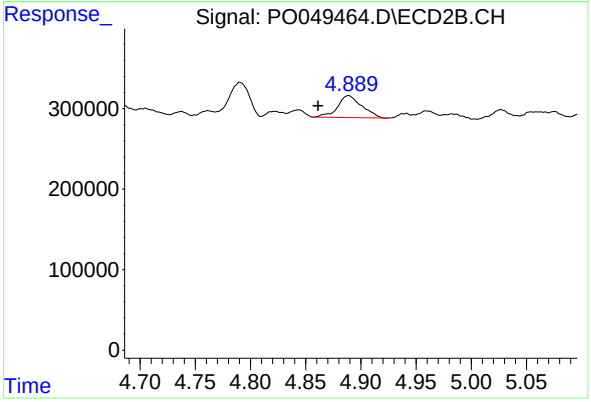

#13 AR-1232-3

R.T.: 4.790 min
Delta R.T.: 0.012 min
Response: 522537
Conc: 227.74 ng/ml



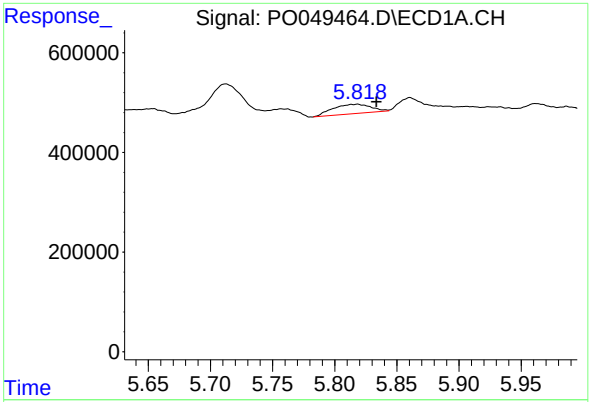

#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.744 min
Response: 0
Conc: N.D.




#14 AR-1232-4

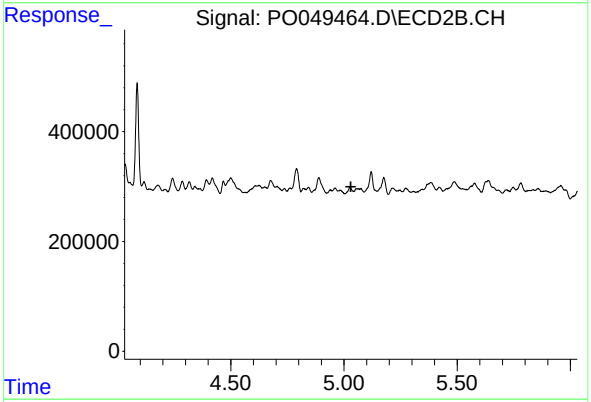
R.T.: 4.889 min
Delta R.T.: 0.028 min
Response: 414155
Conc: 216.37 ng/ml




#15 AR-1232-5

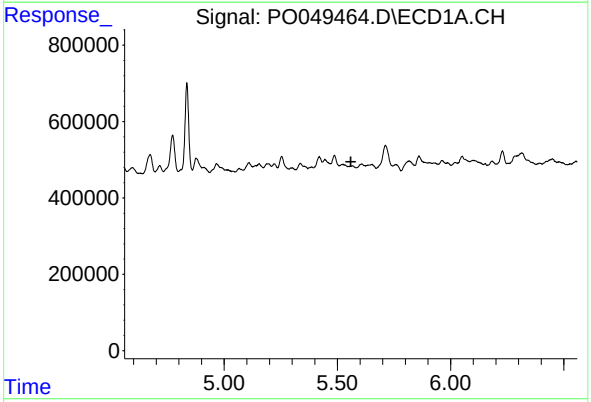
R.T.: 5.818 min
Delta R.T.: -0.015 min
Response: 405089
Conc: 234.68 ng/ml

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



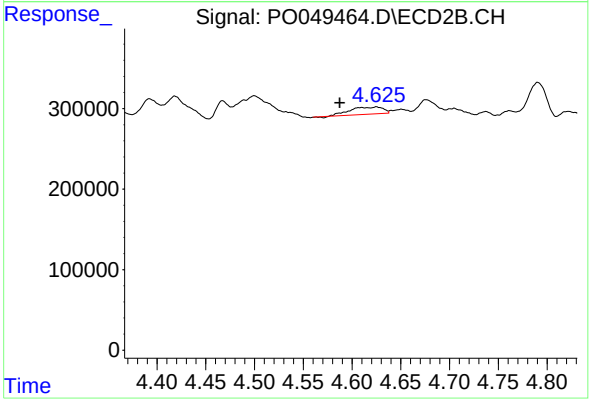

#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.030 min
Response: 0
Conc: N.D.



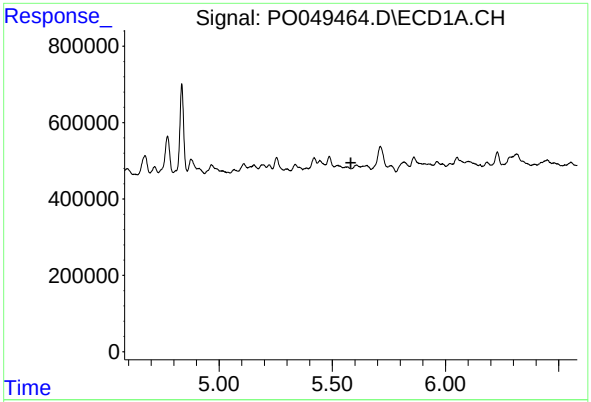

#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.560 min
Response: 0
Conc: N.D.




#16 AR-1242-1

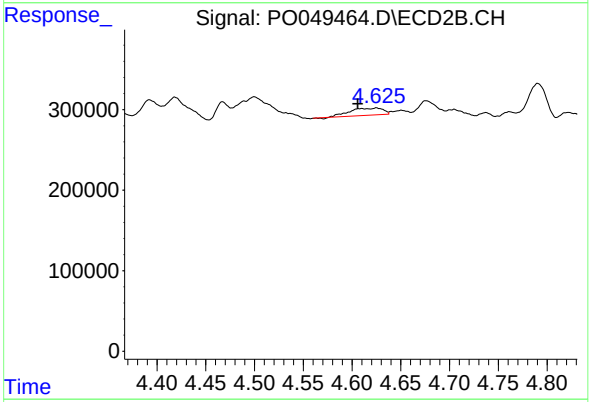
R.T.: 4.625 min
Delta R.T.: 0.038 min
Response: 207390
Conc: 27.94 ng/ml




#17 AR-1242-2

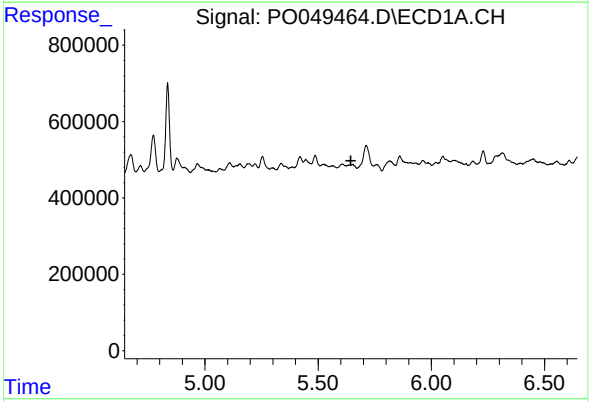
R.T.: 0.000 min
Exp R.T. : 5.582 min
Response: 0
Conc: N.D.

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



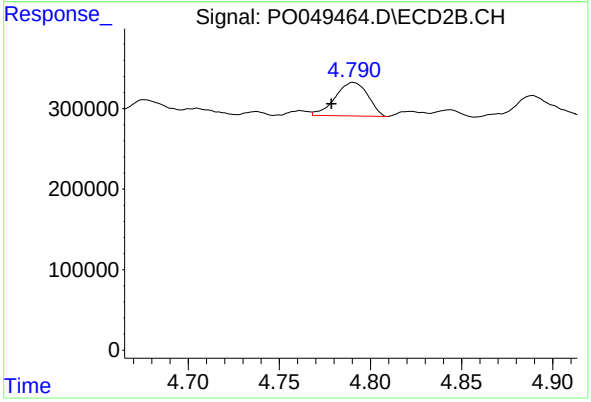

#17 AR-1242-2

R.T.: 4.625 min
Delta R.T.: 0.019 min
Response: 207390
Conc: 20.19 ng/ml



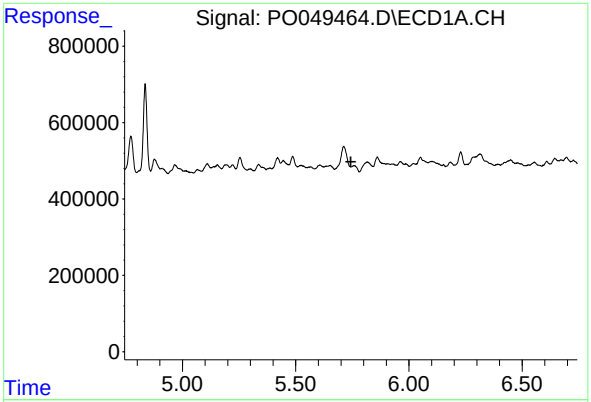

#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.644 min
Response: 0
Conc: N.D.




#18 AR-1242-3

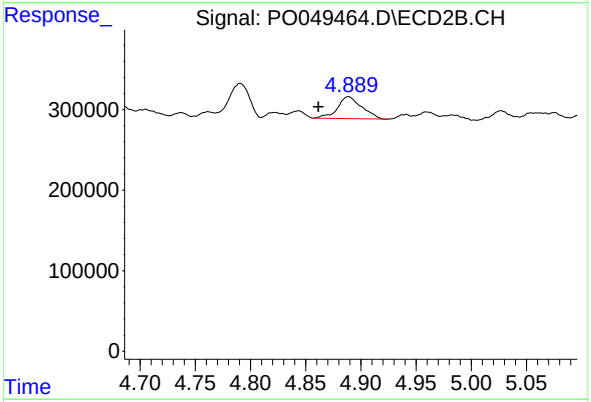
R.T.: 4.790 min
Delta R.T.: 0.012 min
Response: 522537
Conc: 90.59 ng/ml




#19 AR-1242-4

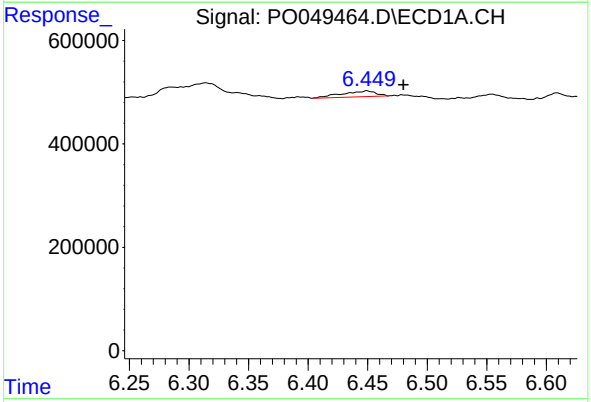
R.T.: 0.000 min
Exp R.T. : 5.744 min
Response: 0
Conc: N.D.

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



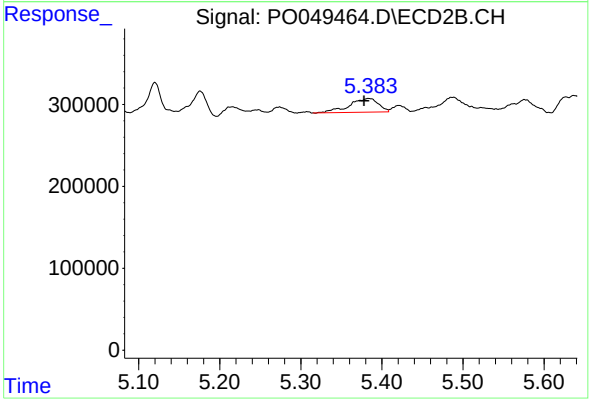

#19 AR-1242-4

R.T.: 4.889 min
Delta R.T.: 0.028 min
Response: 414155
Conc: 77.04 ng/ml



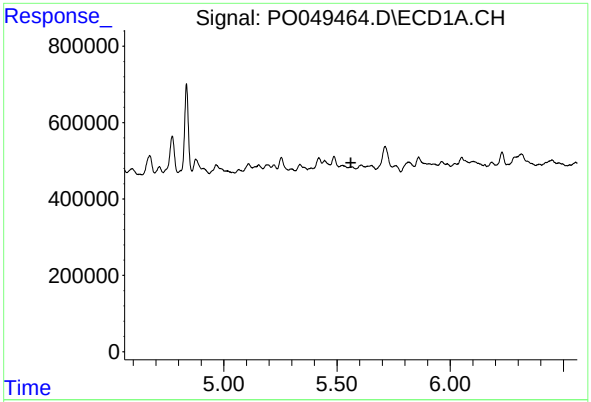

#20 AR-1242-5

R.T.: 6.449 min
Delta R.T.: -0.031 min
Response: 223392
Conc: 34.80 ng/ml




#20 AR-1242-5

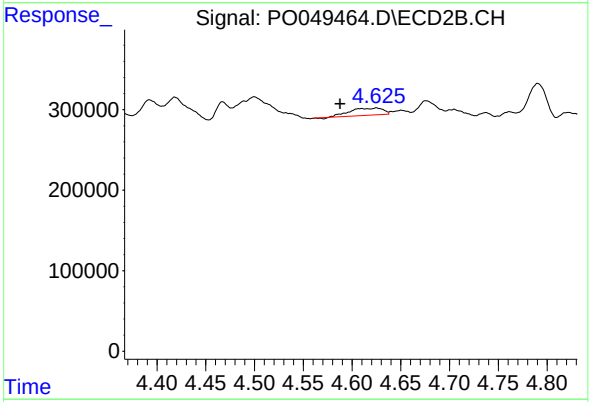
R.T.: 5.383 min
Delta R.T.: 0.005 min
Response: 417943
Conc: 57.39 ng/ml




#21 AR-1248-1

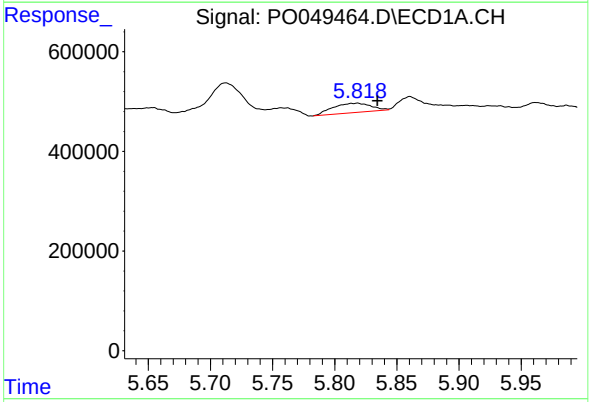
R.T.: 0.000 min
Exp R.T. : 5.561 min
Response: 0
Conc: N.D.

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



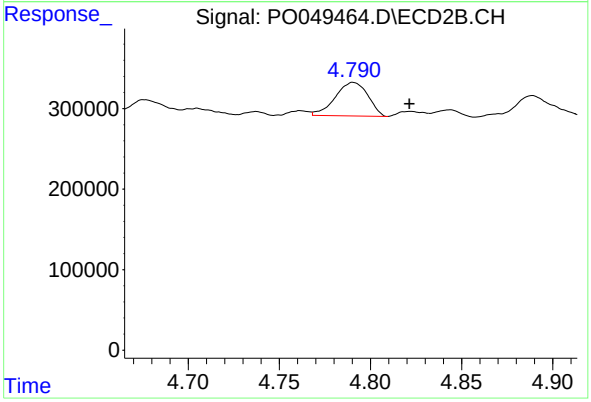

#21 AR-1248-1

R.T.: 4.625 min
Delta R.T.: 0.037 min
Response: 207390
Conc: 37.60 ng/ml



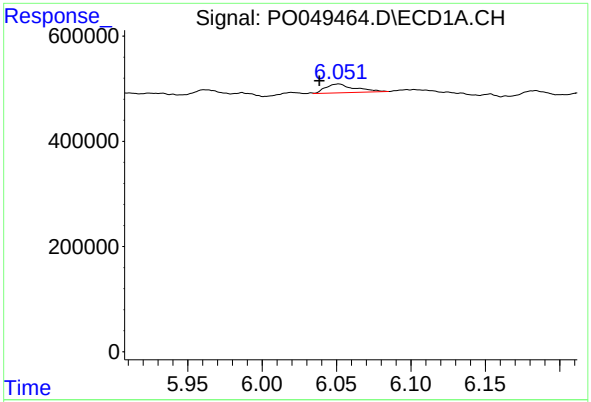

#22 AR-1248-2

R.T.: 5.818 min
Delta R.T.: -0.016 min
Response: 405089
Conc: 54.88 ng/ml




#22 AR-1248-2

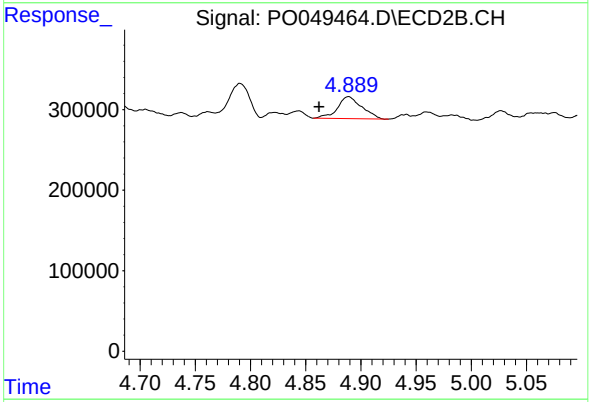
R.T.: 4.790 min
Delta R.T.: -0.031 min
Response: 522537
Conc: 74.61 ng/ml




#23 AR-1248-3

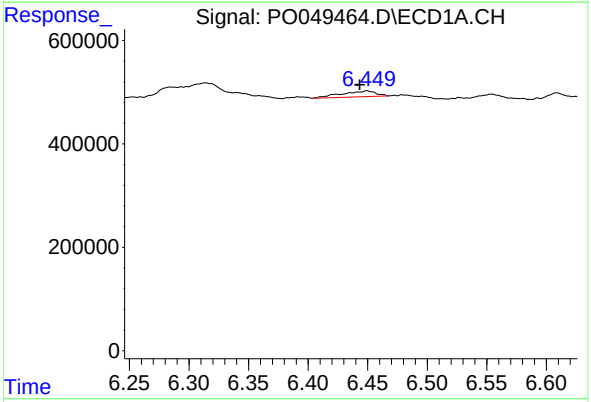
R.T.: 6.051 min
Delta R.T.: 0.013 min
Response: 232014
Conc: 25.89 ng/ml

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



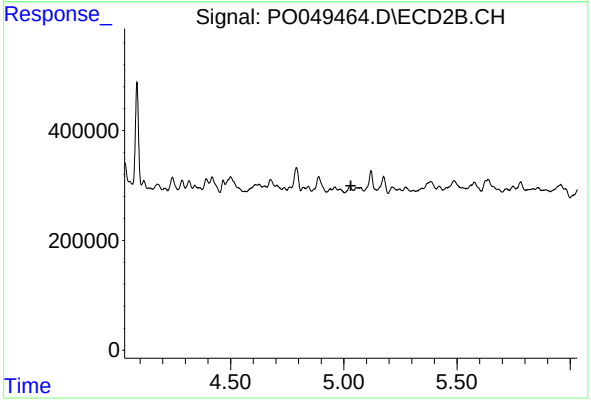

#23 AR-1248-3

R.T.: 4.889 min
Delta R.T.: 0.027 min
Response: 414155
Conc: 56.90 ng/ml



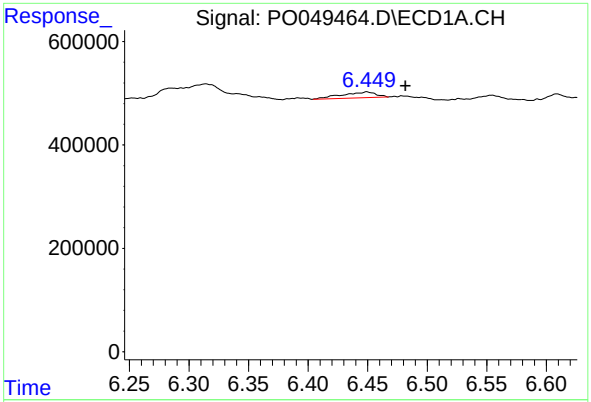

#24 AR-1248-4

R.T.: 6.449 min
Delta R.T.: 0.006 min
Response: 223392
Conc: 20.68 ng/ml




#24 AR-1248-4

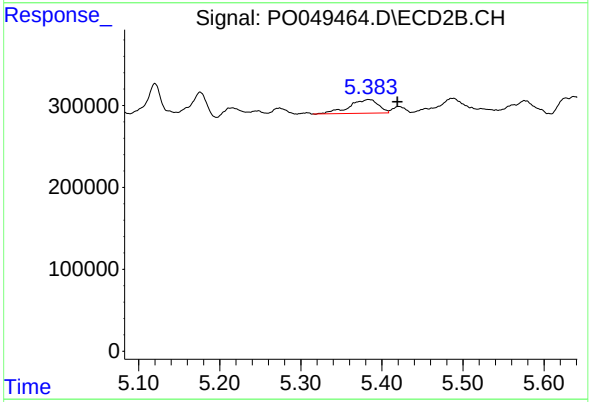
R.T.: 0.000 min
Exp R.T. : 5.031 min
Response: 0
Conc: N.D.




#25 AR-1248-5

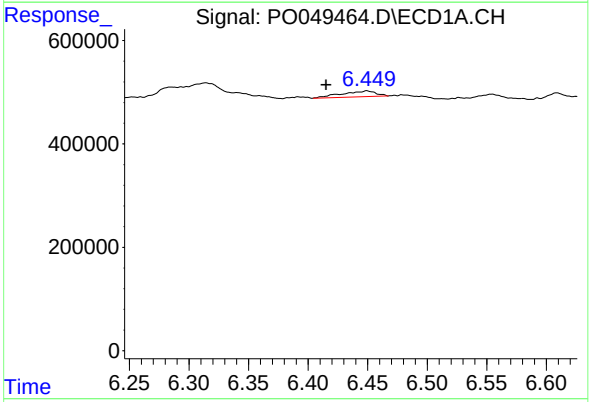
R.T.: 6.449 min
Delta R.T.: -0.032 min
Response: 223392
Conc: 21.85 ng/ml

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



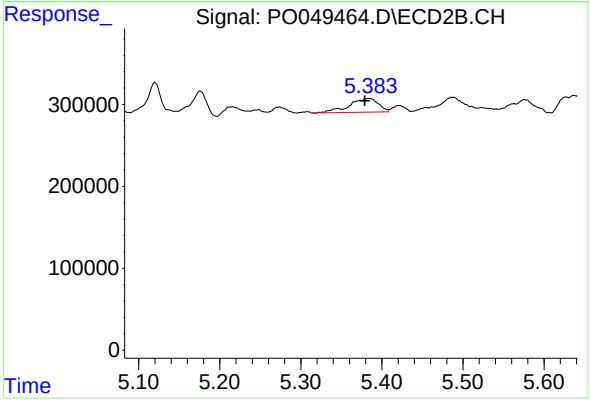

#25 AR-1248-5

R.T.: 5.383 min
Delta R.T.: -0.036 min
Response: 417943
Conc: 43.02 ng/ml



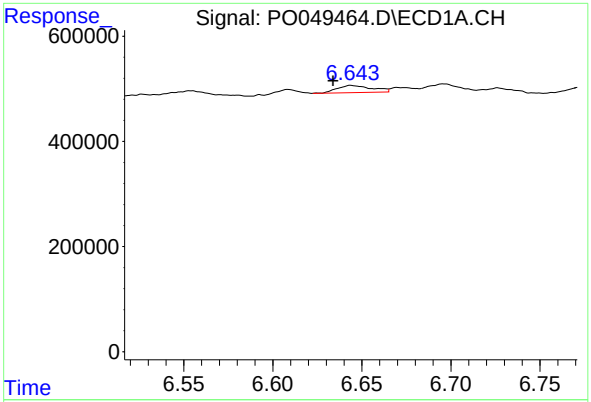

#26 AR-1254-1

R.T.: 6.449 min
Delta R.T.: 0.034 min
Response: 223392
Conc: 19.52 ng/ml




#26 AR-1254-1

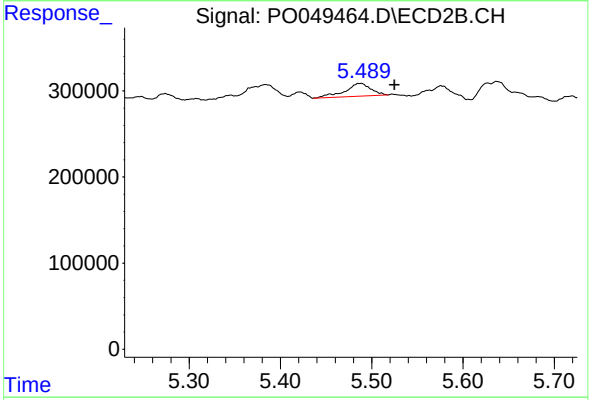
R.T.: 5.383 min
Delta R.T.: 0.005 min
Response: 417943
Conc: 24.99 ng/ml




#27 AR-1254-2

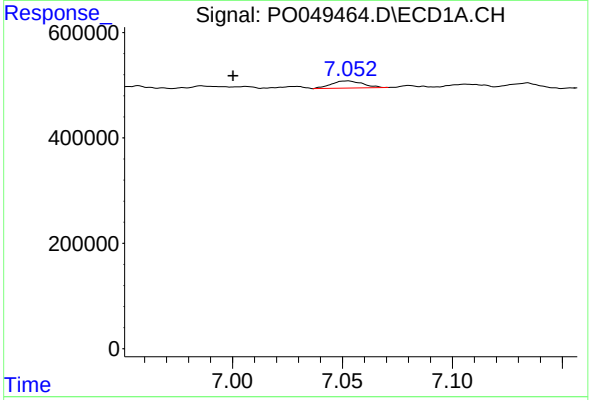
R.T.: 6.644 min
Delta R.T.: 0.010 min
Response: 184972
Conc: 10.15 ng/ml

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



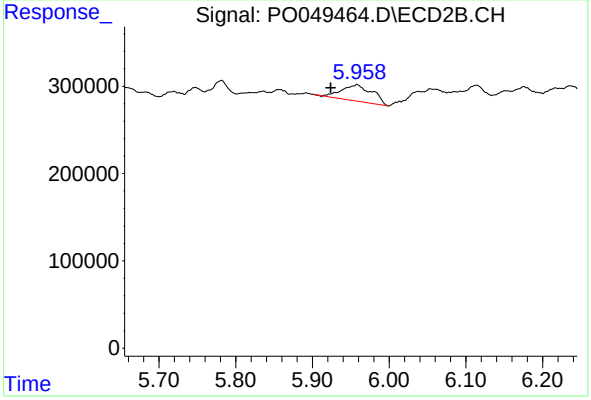

#27 AR-1254-2

R.T.: 5.489 min
Delta R.T.: -0.036 min
Response: 292535
Conc: 19.95 ng/ml



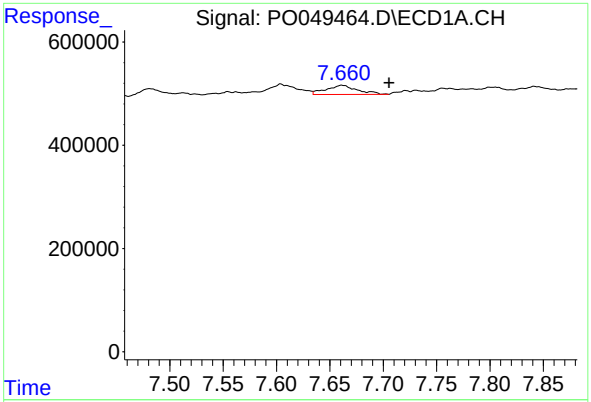

#28 AR-1254-3

R.T.: 7.052 min
Delta R.T.: 0.052 min
Response: 135201
Conc: 6.50 ng/ml




#28 AR-1254-3

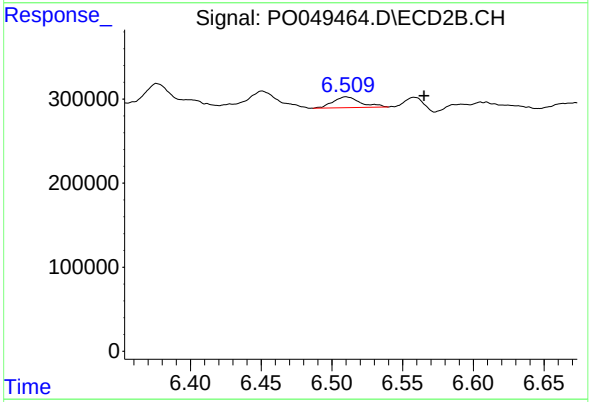
R.T.: 5.958 min
Delta R.T.: 0.034 min
Response: 525226
Conc: 21.16 ng/ml




#30 AR-1254-5

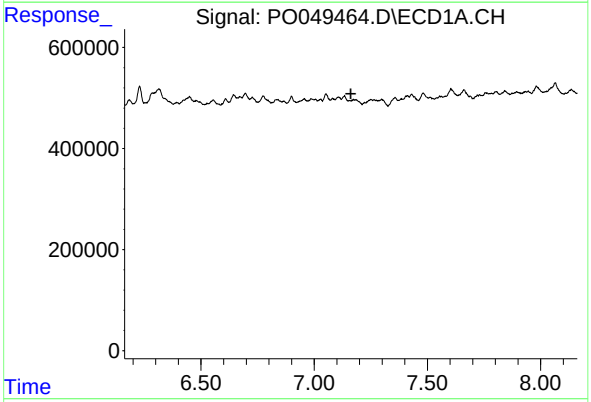
R.T.: 7.661 min
Delta R.T.: -0.044 min
Response: 360980
Conc: 21.07 ng/ml

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



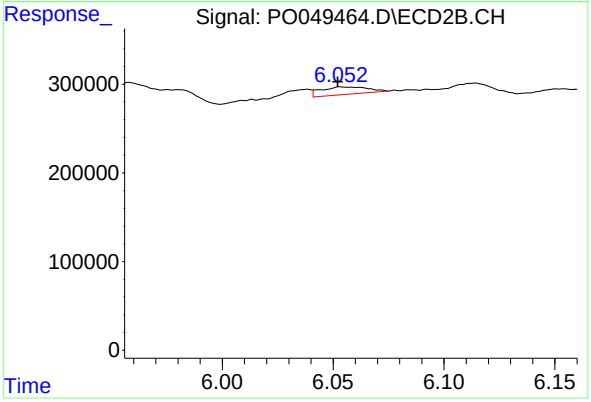

#30 AR-1254-5

R.T.: 6.510 min
Delta R.T.: -0.055 min
Response: 173078
Conc: 7.54 ng/ml



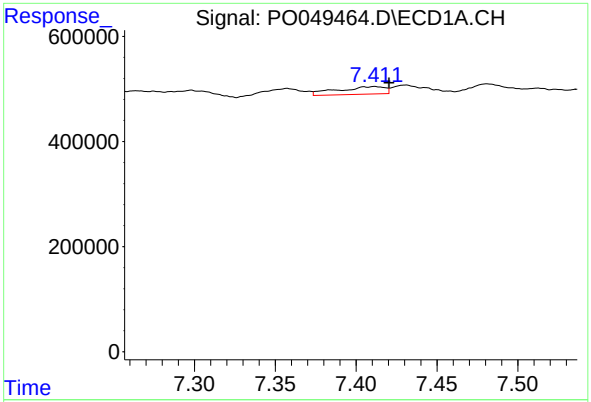

#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 7.162 min
Response: 0
Conc: N.D.




#31 AR-1260-1

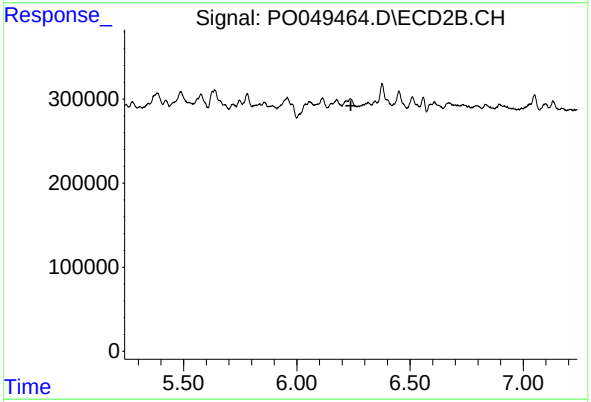
R.T.: 6.053 min
Delta R.T.: 0.001 min
Response: 124538
Conc: 8.27 ng/ml




#32 AR-1260-2

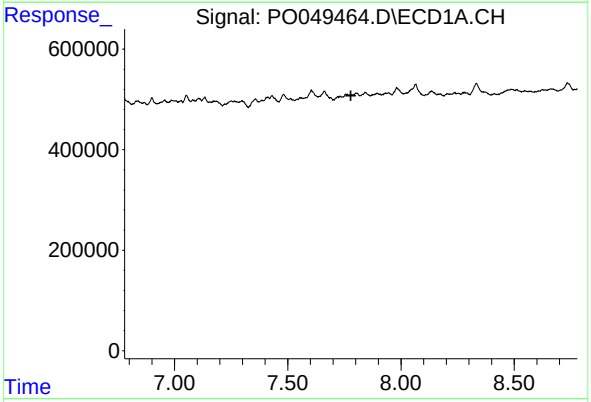
R.T.: 7.412 min
Delta R.T.: -0.009 min
Response: 295055
Conc: 14.21 ng/ml

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



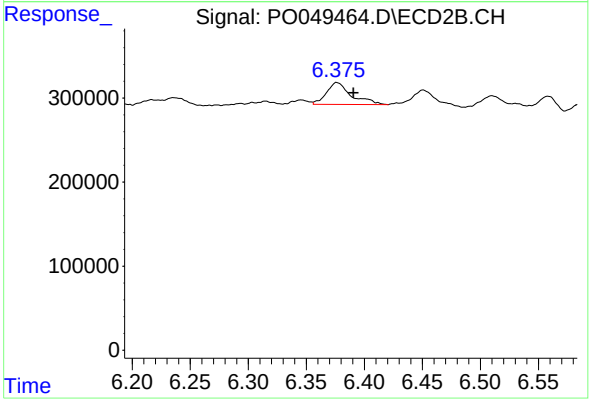

#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 6.239 min
Response: 0
Conc: N.D.



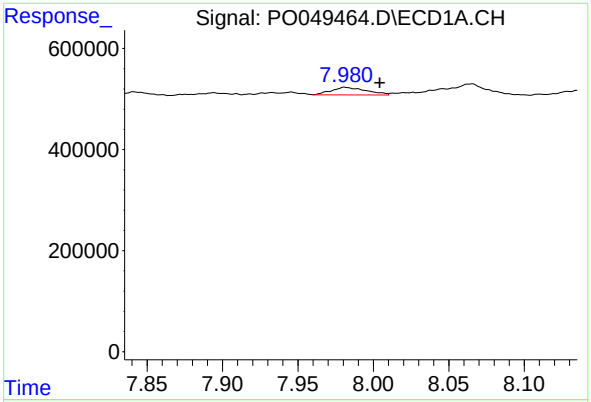

#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.779 min
Response: 0
Conc: N.D.




#33 AR-1260-3

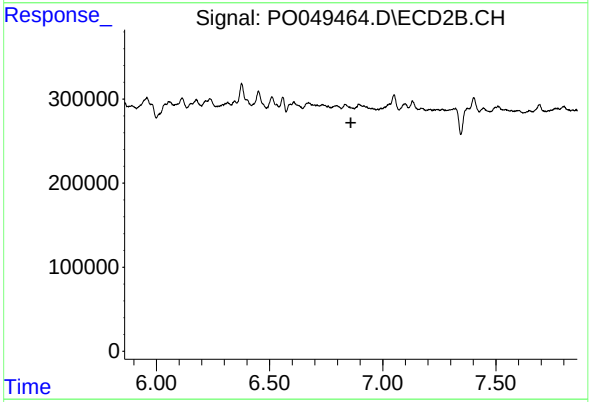
R.T.: 6.376 min
Delta R.T.: -0.014 min
Response: 385249
Conc: 21.95 ng/ml




#34 AR-1260-4

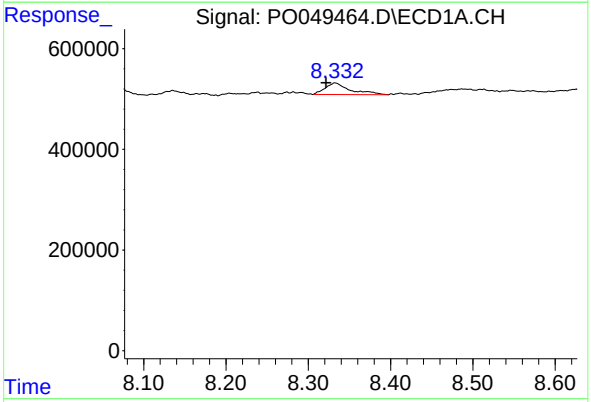
R.T.: 7.981 min
Delta R.T.: -0.023 min
Response: 243025
Conc: 14.78 ng/ml

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



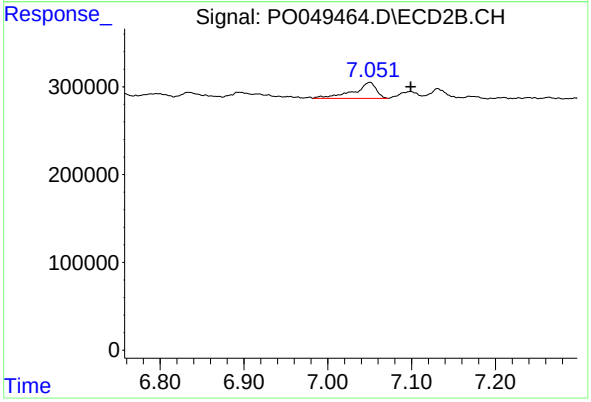

#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.859 min
Response: 0
Conc: N.D.



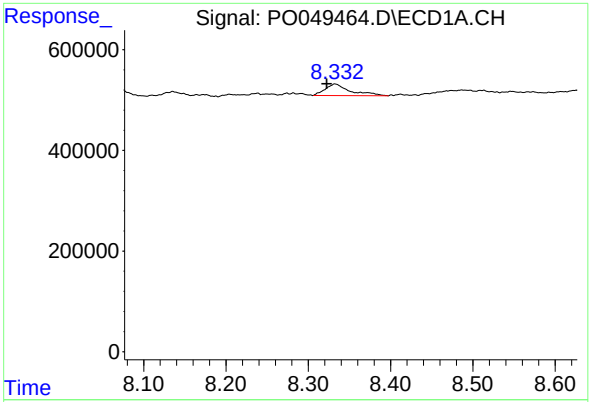

#35 AR-1260-5

R.T.: 8.333 min
Delta R.T.: 0.011 min
Response: 493623
Conc: 13.58 ng/ml




#35 AR-1260-5

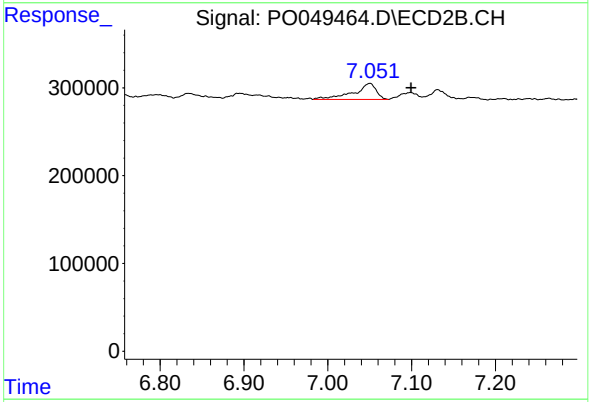
R.T.: 7.050 min
Delta R.T.: -0.049 min
Response: 345465
Conc: 9.74 ng/ml




#37 AR-1262-2

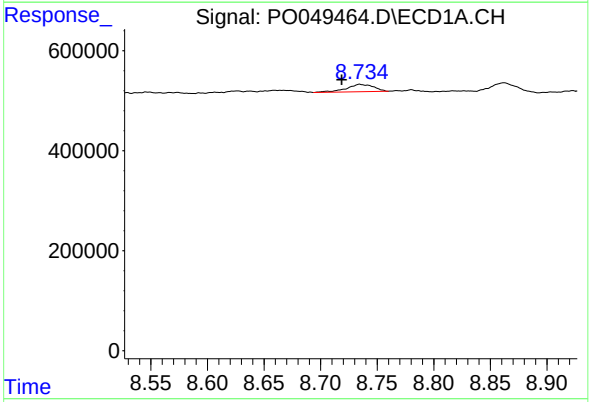
R.T.: 8.333 min
Delta R.T.: 0.010 min
Response: 493623
Conc: 14.92 ng/ml

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



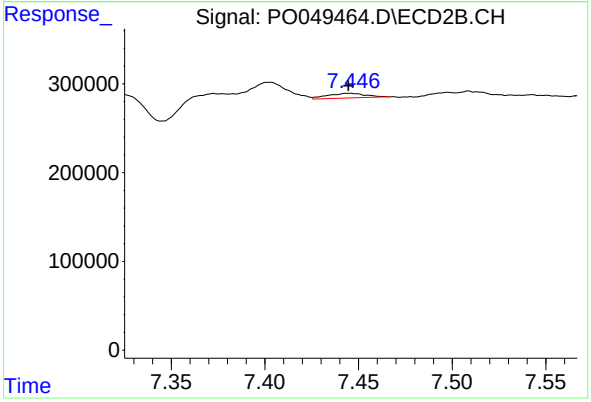

#37 AR-1262-2

R.T.: 7.050 min
Delta R.T.: -0.049 min
Response: 345465
Conc: 9.11 ng/ml



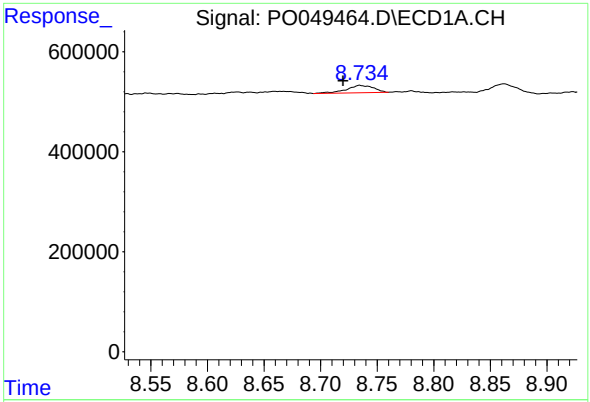

#39 AR-1262-4

R.T.: 8.735 min
Delta R.T.: 0.016 min
Response: 243206
Conc: 20.85 ng/ml




#39 AR-1262-4

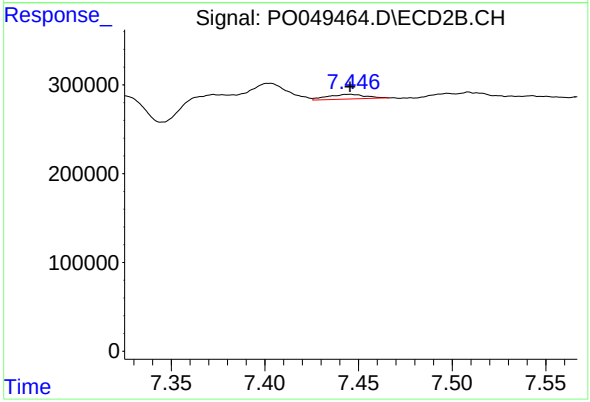
R.T.: 7.446 min
Delta R.T.: 0.001 min
Response: 72903
Conc: 2.64 ng/ml




#42 AR-1268-2

R.T.: 8.735 min
Delta R.T.: 0.015 min
Response: 243206
Conc: 5.64 ng/ml

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




#42 AR-1268-2

R.T.: 7.446 min
Delta R.T.: 0.000 min
Response: 72903
Conc: 1.63 ng/ml