Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ110718\
Data File : PQ034237.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2018 06:30
Operator : SM\SJ
Sample : J5827-31
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** ECD_Q
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 07:39:45 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110618.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 06 13:07:16 2018
Response via : Initial Calibration
Integrator: ChemStation

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... | 4.554 | 3.833 | 43957062 | 29592591 | 15.297 | 15.800 | |
| 2) | SA Decachlor... | 10.360 | 8.865 | 23823313 | 15892269 | 7.835 | 6.902 | |
| | **Target Compounds** | | | | | | | |
| 3) | L1 AR-1016-1 | 5.750 | 4.921 | 1253073 | 1042895 | 13.221 | 14.764 | |
| 4) | L1 AR-1016-2 | 5.750 | 4.921 | 1253073 | 1042895 | 8.877 | 10.345 | |
| 5) | L1 AR-1016-3 | 5.750 | 5.156 | 1253073 | 2182282 | 14.747 | 42.495 | # |
| 6) | L1 AR-1016-4 | 0.000 | 5.156 | 0 | 2182282 | N.D. | 53.027 | # |
| 7) | L1 AR-1016-5 | 6.214 | 5.323 | 6453997 | 5438029 | 91.494 | 101.964 | |
| 10) | L2 AR-1221-3 | 0.000 | 4.255 | 0 | 2292954 | N.D. | 44.923 | # |
| 11) | L3 AR-1232-1 | 0.000 | 4.255 | 0 | 2292954 | N.D. | 60.601 | # |
| 12) | L3 AR-1232-2 | 5.460 | 4.921 | 4545592 | 1042895 | 161.828 | 26.240 | # |
| 13) | L3 AR-1232-3 | 5.750 | 5.156 | 1253073 | 2182282 | 22.050 | 106.071 | # |
| 14) | L3 AR-1232-4 | 0.000 | 5.234 | 0 | 6554375 | N.D. | 353.710 | # |
| 15) | L3 AR-1232-5 | 6.055 | 5.323 | 1406777 | 5438029 | 70.091 | 269.096 | # |
| 16) | L4 AR-1242-1 | 5.750 | 4.921 | 1253073 | 1042895 | 15.943 | 18.870 | |
| 17) | L4 AR-1242-2 | 5.750 | 4.921 | 1253073 | 1042895 | 10.718 | 13.043 | |
| 18) | L4 AR-1242-3 | 5.750 | 5.156 | 1253073 | 2182282 | 17.715 | 52.863 | # |
| 19) | L4 AR-1242-4 | 0.000 | 5.234 | 0 | 6554375 | N.D. | 162.865 | # |
| 20) | L4 AR-1242-5 | 6.621 | 5.733 | 4820026 | 4409344 | 74.573 | 84.447 | |
| 21) | L5 AR-1248-1 | 5.750 | 4.921 | 1253073 | 1042895 | 19.304 | 22.493 | |
| 22) | L5 AR-1248-2 | 6.055 | 5.156 | 1406777 | 2182282 | 15.091 | 34.785 | # |
| 23) | L5 AR-1248-3 | 6.214 | 5.234 | 6453997 | 6554375 | 60.468 | 101.328 | # |
| 24) | L5 AR-1248-4 | 6.599 | 5.323 | 4043354 | 5438029 | 33.272 | 68.242 | # |
| 25) | L5 AR-1248-5 | 6.621 | 5.733 | 4820026 | 4409344 | 41.249 | 54.816 | # |
| 26) | L6 AR-1254-1 | 6.599 | 5.733 | 4043354 | 4409344 | 35.776 | 38.136 | |
| 27) | L6 AR-1254-2 | 6.813 | 5.936 | 6439745 | 30328470 | 35.909 | 303.100 | # |
| 28) | L6 AR-1254-3 | 7.181 | 0.000 | 3606822 | 0 | 18.552 | N.D. | # |
| 30) | L6 AR-1254-5 | 7.872 | 6.917 | 2470730 | 1372596 | 15.693 | 9.045 | # |
| 32) | L7 AR-1260-2 | 7.584 | 6.589 | 6811111 | 2432678 | 39.573 | 17.134 | # |
| 36) | L8 AR-1262-1 | 0.000 | 6.917 | 0 | 1372596 | N.D. | 9.141 | # |

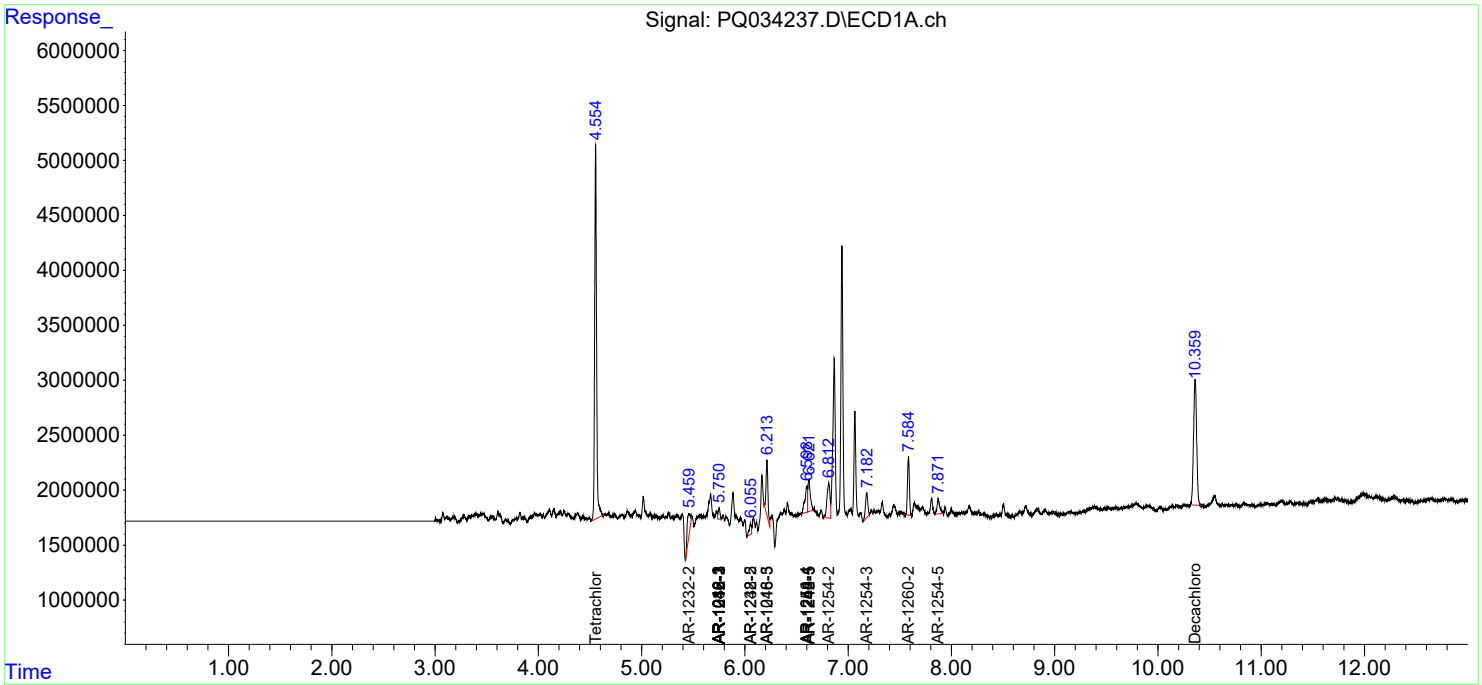
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

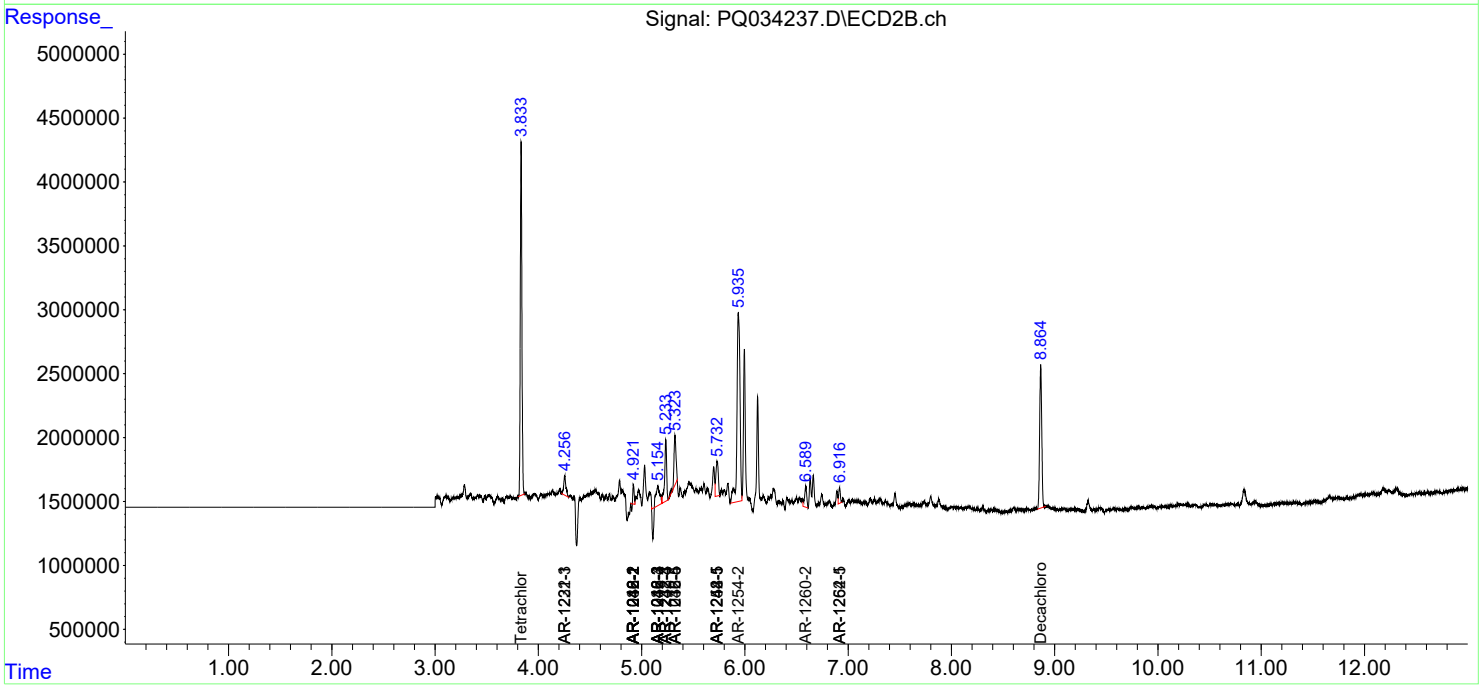
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ110718\
Data File : PQ034237.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2018 06:30
Operator : SM\SJ
Sample : J5827-31
Misc :
ALS Vial : 38 Sample Multiplier: 1

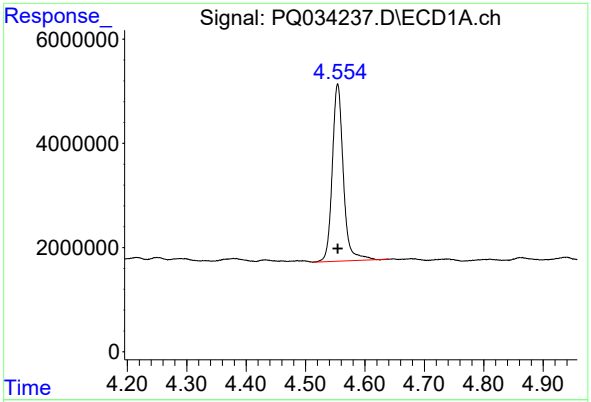
**Instrument :**
ECD_Q
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 07:39:45 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110618.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 06 13:07:16 2018
Response via : Initial Calibration
Integrator: ChemStation

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



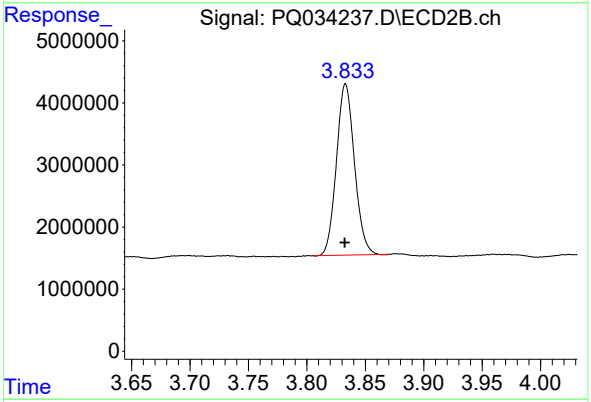






#1 Tetrachloro-m-xylene

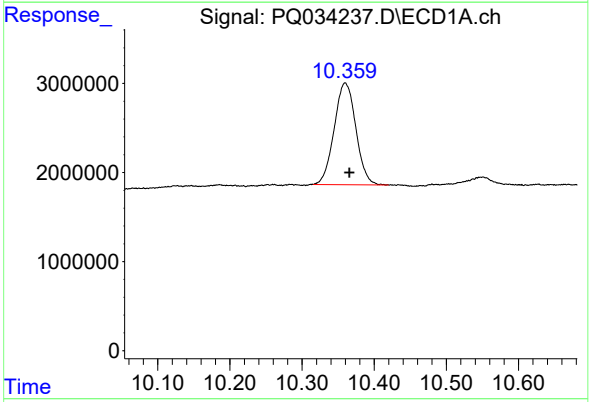
R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 43957062
Conc: 15.30 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**



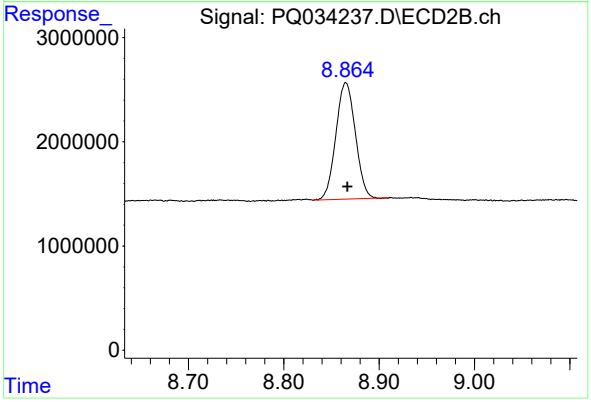

#1 Tetrachloro-m-xylene

R.T.: 3.833 min
Delta R.T.: 0.000 min
Response: 29592591
Conc: 15.80 ng/ml



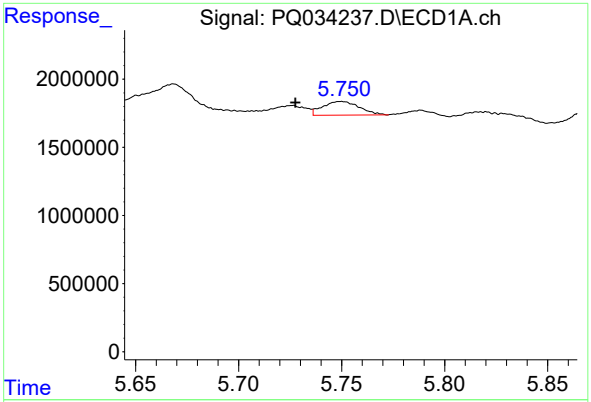

#2 Decachlorobiphenyl

R.T.: 10.360 min
Delta R.T.: -0.006 min
Response: 23823313
Conc: 7.84 ng/ml




#2 Decachlorobiphenyl

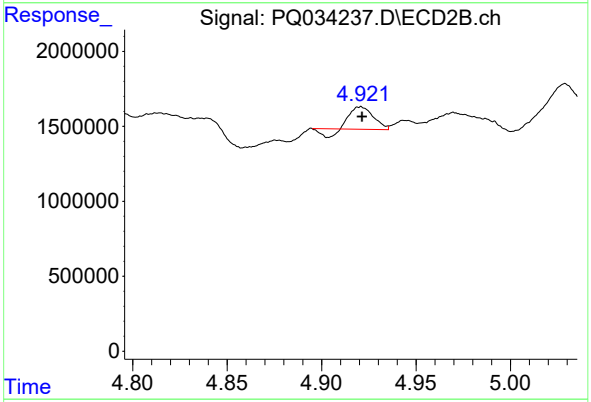
R.T.: 8.865 min
Delta R.T.: -0.002 min
Response: 15892269
Conc: 6.90 ng/ml




#3 AR-1016-1

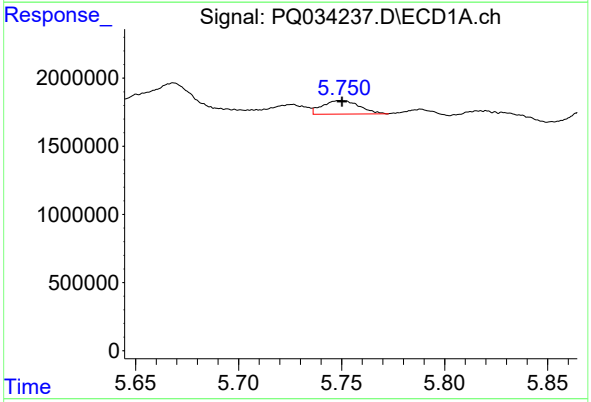
R.T.: 5.750 min
Delta R.T.: 0.022 min
Response: 1253073
Conc: 13.22 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**



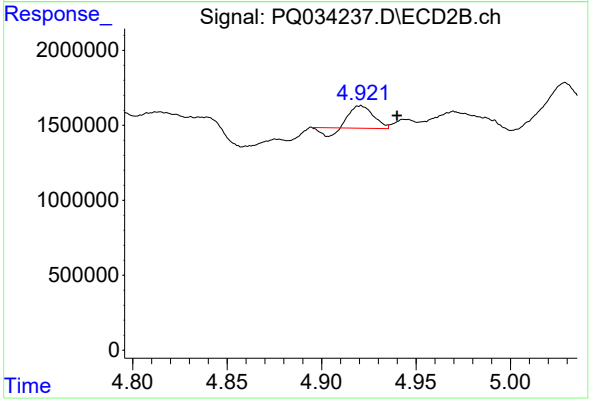

#3 AR-1016-1

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 1042895
Conc: 14.76 ng/ml



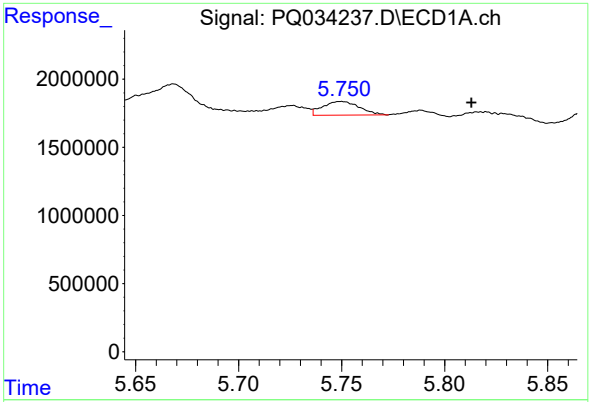

#4 AR-1016-2

R.T.: 5.750 min
Delta R.T.: 0.000 min
Response: 1253073
Conc: 8.88 ng/ml




#4 AR-1016-2

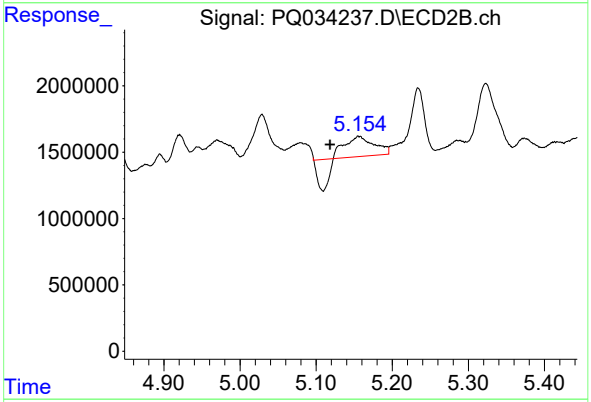
R.T.: 4.921 min
Delta R.T.: -0.019 min
Response: 1042895
Conc: 10.35 ng/ml




#5 AR-1016-3

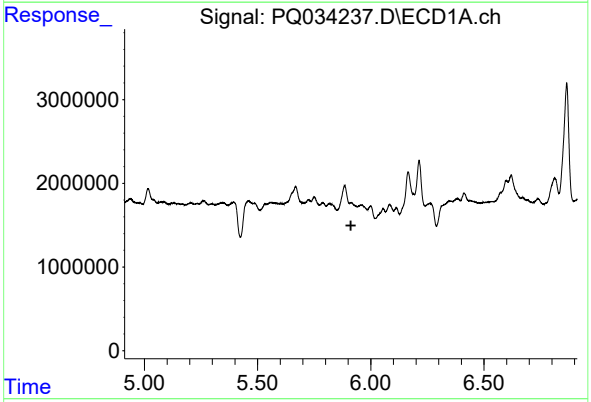
R.T.: 5.750 min
Delta R.T.: -0.063 min
Response: 1253073
Conc: 14.75 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**



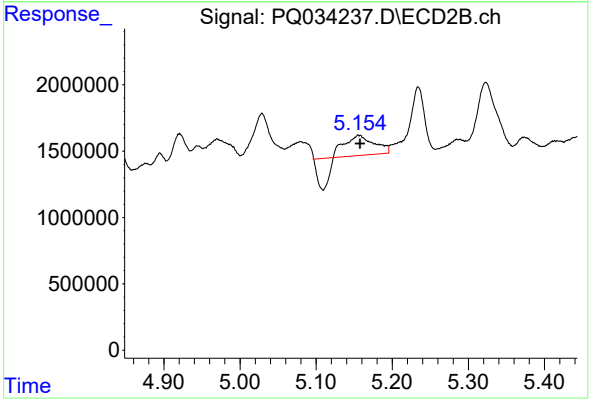

#5 AR-1016-3

R.T.: 5.156 min
Delta R.T.: 0.038 min
Response: 2182282
Conc: 42.49 ng/ml



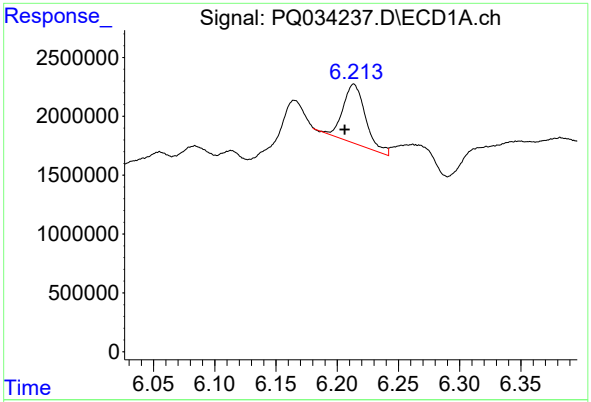

#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.912 min
Response: 0
Conc: N.D.




#6 AR-1016-4

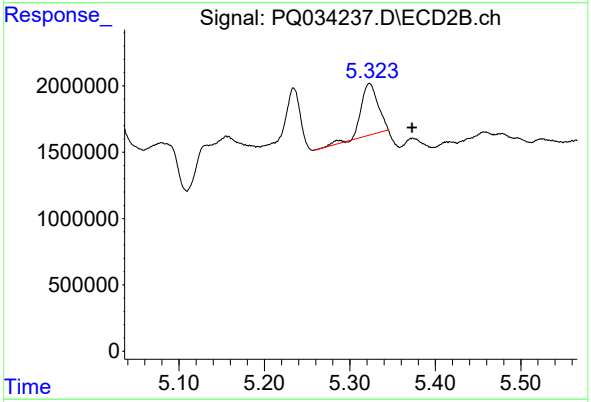
R.T.: 5.156 min
Delta R.T.: -0.002 min
Response: 2182282
Conc: 53.03 ng/ml




#7 AR-1016-5

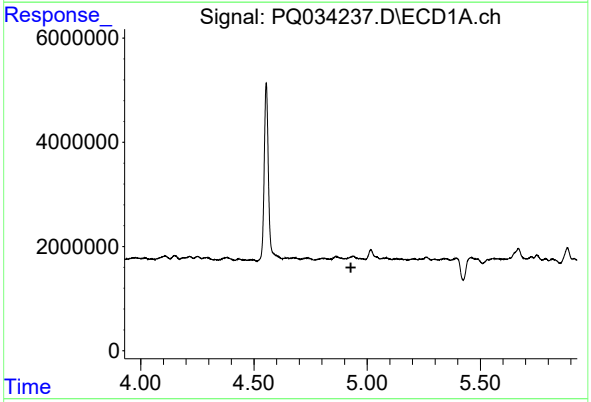
R.T.: 6.214 min
Delta R.T.: 0.007 min
Response: 6453997
Conc: 91.49 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**



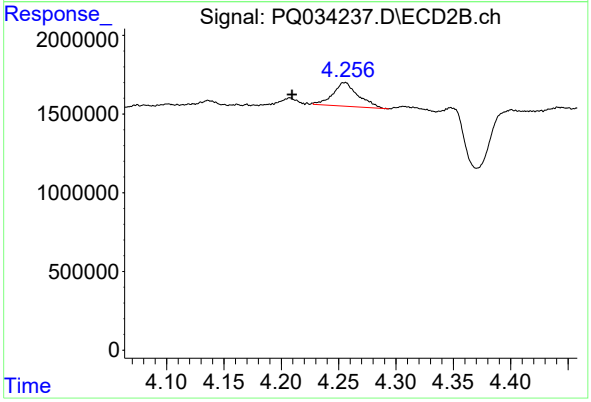

#7 AR-1016-5

R.T.: 5.323 min
Delta R.T.: -0.050 min
Response: 5438029
Conc: 101.96 ng/ml



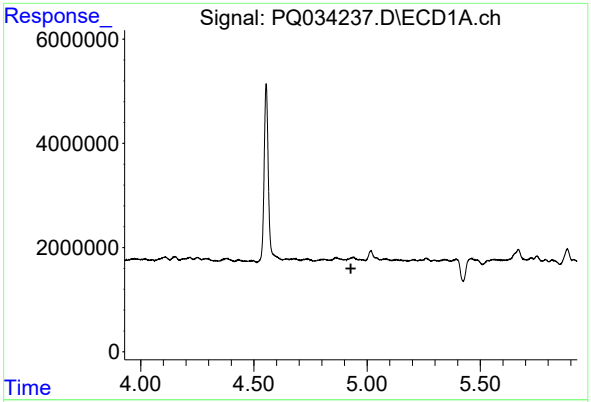

#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.928 min
Response: 0
Conc: N.D.




#10 AR-1221-3

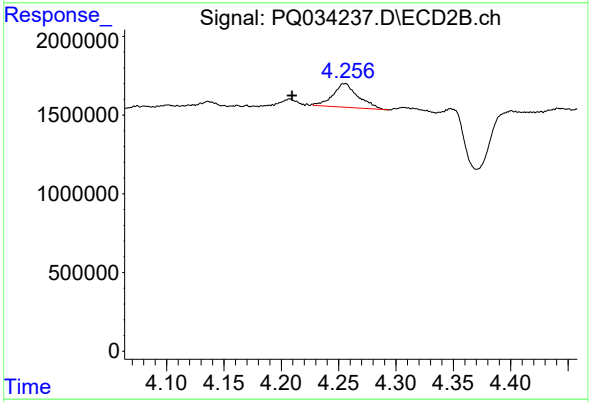
R.T.: 4.255 min
Delta R.T.: 0.046 min
Response: 2292954
Conc: 44.92 ng/ml




#11 AR-1232-1

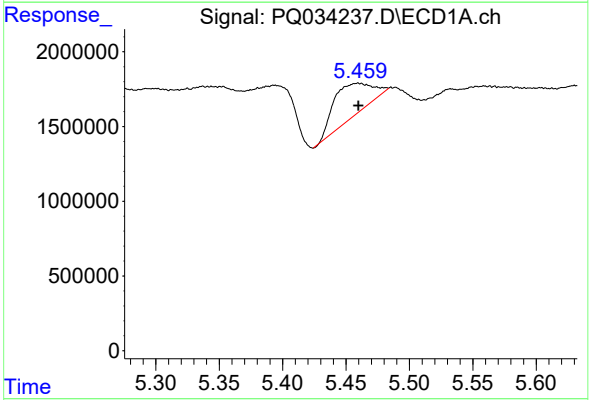
R.T.: 0.000 min
Exp R.T. : 4.928 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_Q
**ClientSampleId :**



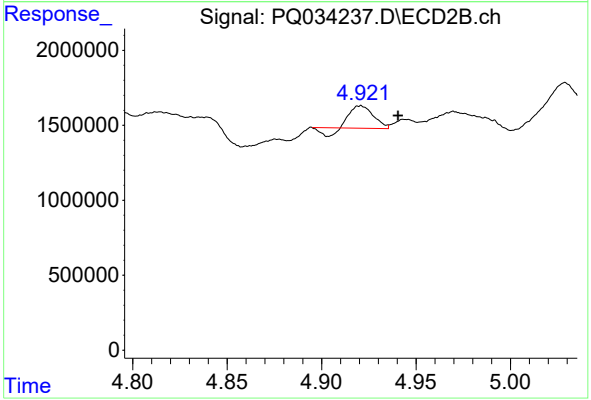

#11 AR-1232-1

R.T.: 4.255 min
Delta R.T.: 0.046 min
Response: 2292954
Conc: 60.60 ng/ml



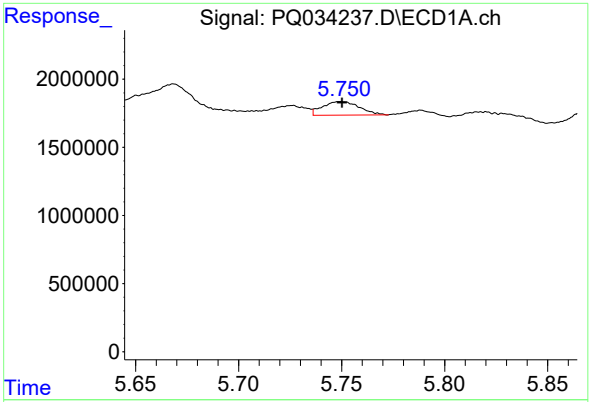

#12 AR-1232-2

R.T.: 5.460 min
Delta R.T.: 0.000 min
Response: 4545592
Conc: 161.83 ng/ml




#12 AR-1232-2

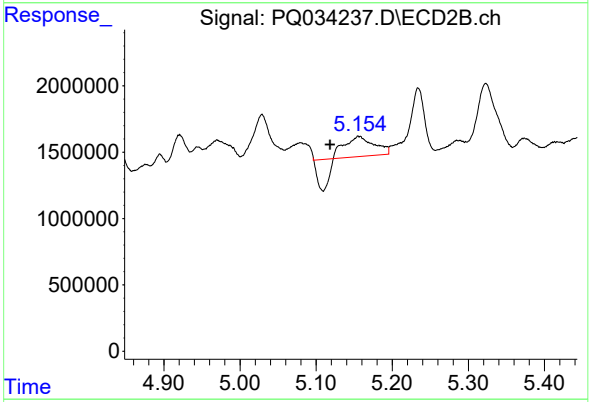
R.T.: 4.921 min
Delta R.T.: -0.020 min
Response: 1042895
Conc: 26.24 ng/ml




#13 AR-1232-3

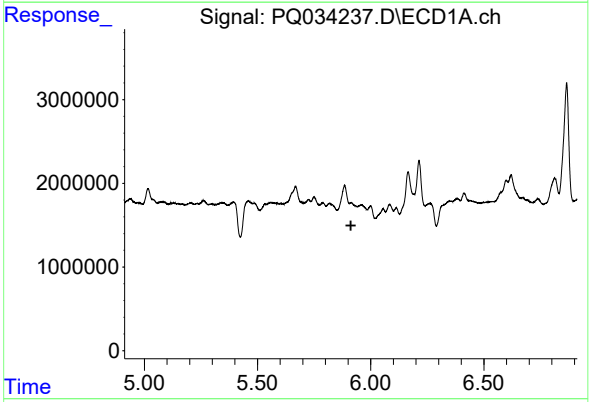
R.T.: 5.750 min
Delta R.T.: 0.000 min
Response: 1253073
Conc: 22.05 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**



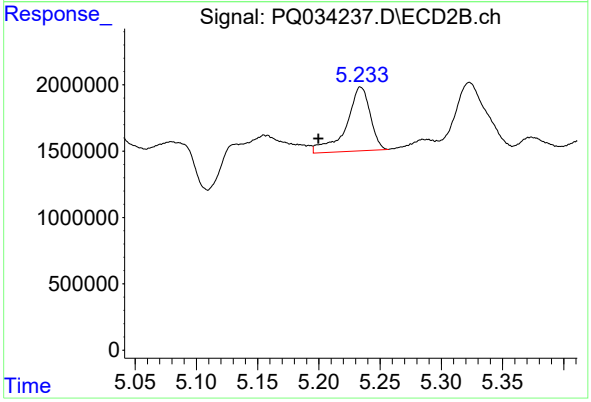

#13 AR-1232-3

R.T.: 5.156 min
Delta R.T.: 0.038 min
Response: 2182282
Conc: 106.07 ng/ml



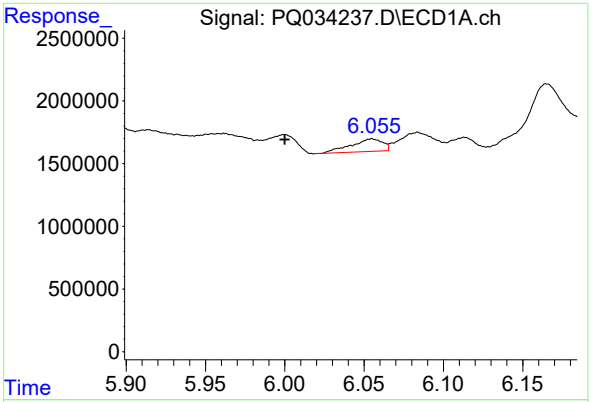

#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.912 min
Response: 0
Conc: N.D.




#14 AR-1232-4

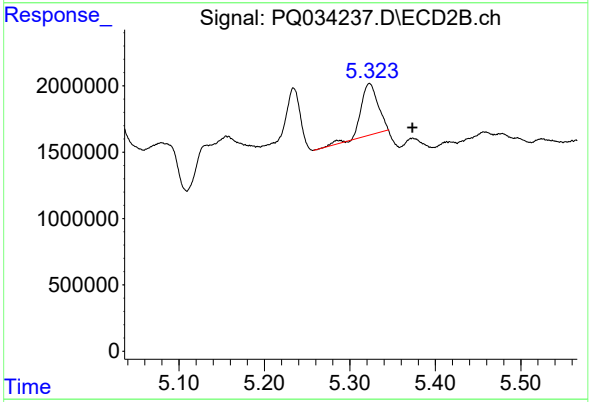
R.T.: 5.234 min
Delta R.T.: 0.034 min
Response: 6554375
Conc: 353.71 ng/ml




#15 AR-1232-5

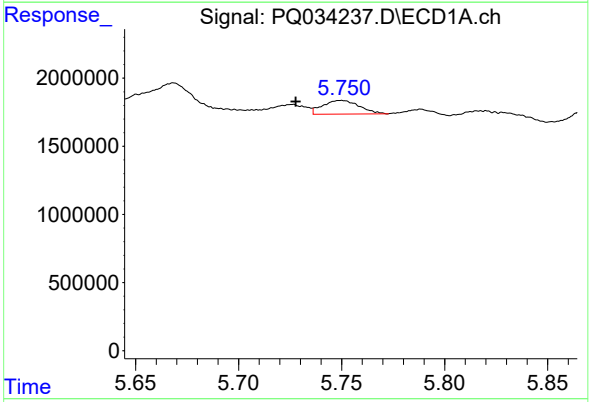
R.T.: 6.055 min
Delta R.T.: 0.055 min
Response: 1406777
Conc: 70.09 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**



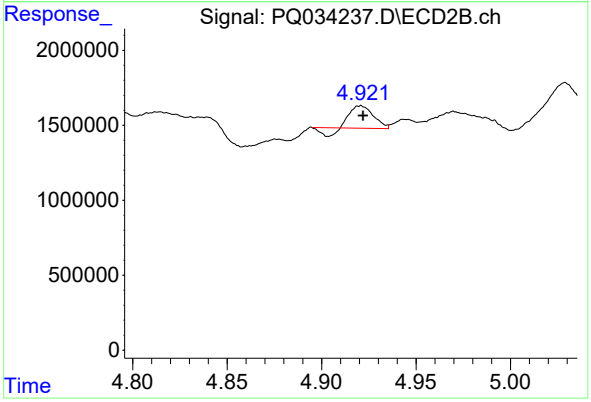

#15 AR-1232-5

R.T.: 5.323 min
Delta R.T.: -0.050 min
Response: 5438029
Conc: 269.10 ng/ml



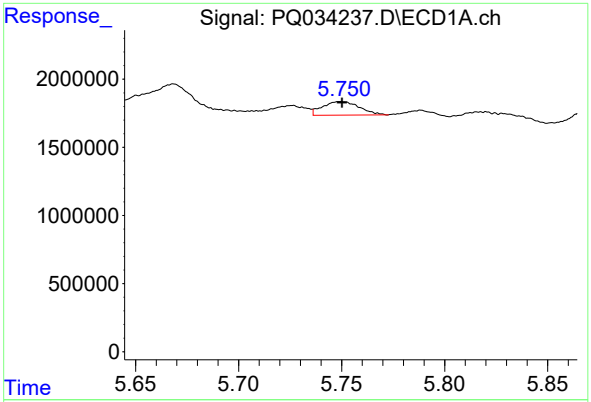

#16 AR-1242-1

R.T.: 5.750 min
Delta R.T.: 0.022 min
Response: 1253073
Conc: 15.94 ng/ml




#16 AR-1242-1

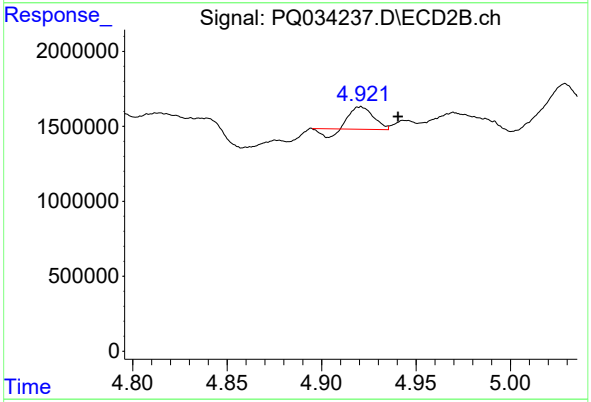
R.T.: 4.921 min
Delta R.T.: -0.001 min
Response: 1042895
Conc: 18.87 ng/ml




#17 AR-1242-2

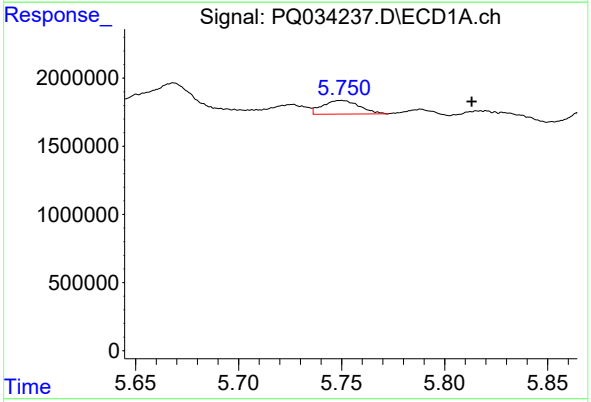
R.T.: 5.750 min
Delta R.T.: 0.000 min
Response: 1253073
Conc: 10.72 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**



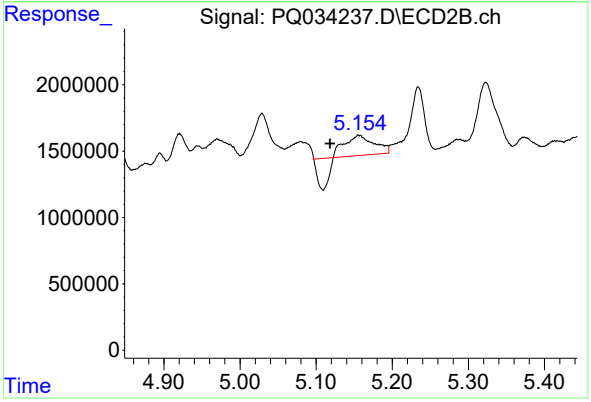

#17 AR-1242-2

R.T.: 4.921 min
Delta R.T.: -0.020 min
Response: 1042895
Conc: 13.04 ng/ml



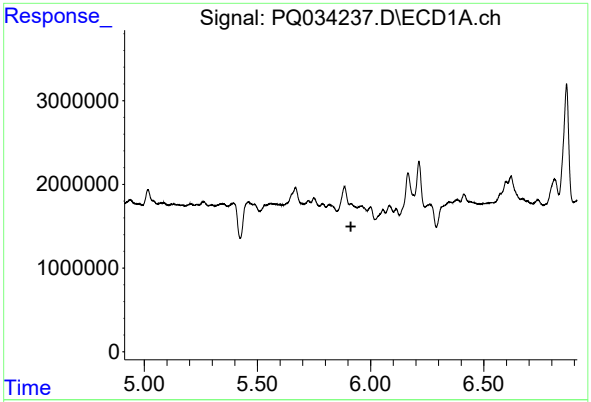

#18 AR-1242-3

R.T.: 5.750 min
Delta R.T.: -0.063 min
Response: 1253073
Conc: 17.71 ng/ml




#18 AR-1242-3

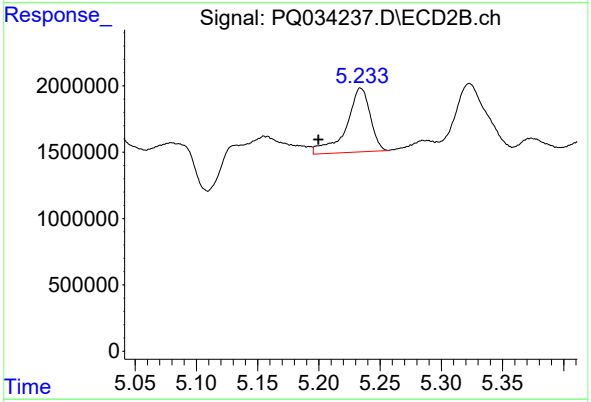
R.T.: 5.156 min
Delta R.T.: 0.038 min
Response: 2182282
Conc: 52.86 ng/ml




#19 AR-1242-4

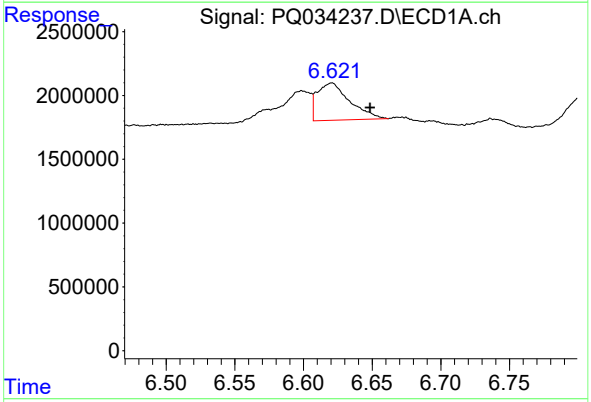
R.T.: 0.000 min
Exp R.T. : 5.913 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_Q
**ClientSampleId :**



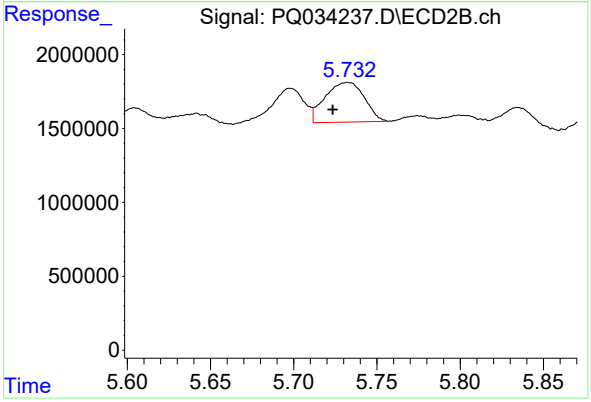

#19 AR-1242-4

R.T.: 5.234 min
Delta R.T.: 0.034 min
Response: 6554375
Conc: 162.87 ng/ml



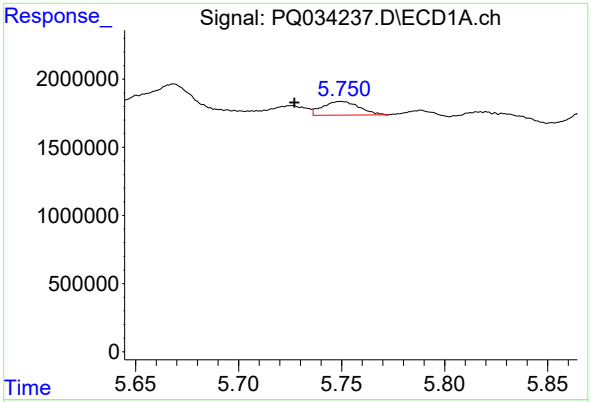

#20 AR-1242-5

R.T.: 6.621 min
Delta R.T.: -0.028 min
Response: 4820026
Conc: 74.57 ng/ml




#20 AR-1242-5

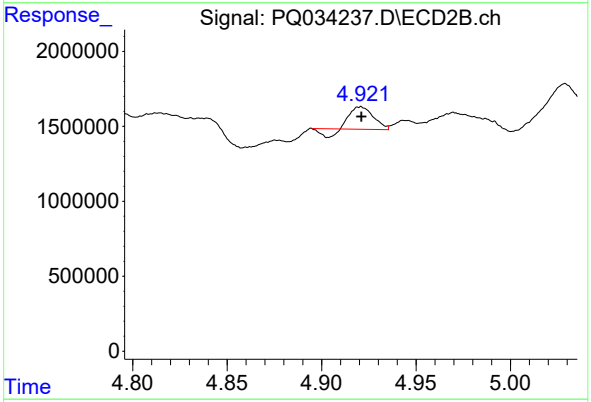
R.T.: 5.733 min
Delta R.T.: 0.009 min
Response: 4409344
Conc: 84.45 ng/ml




#21 AR-1248-1

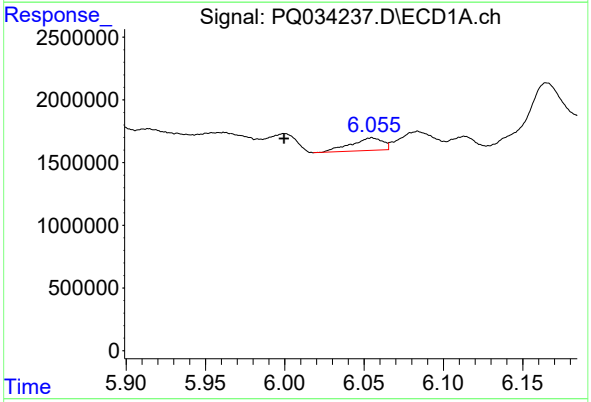
R.T.: 5.750 min
Delta R.T.: 0.023 min
Response: 1253073
Conc: 19.30 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**



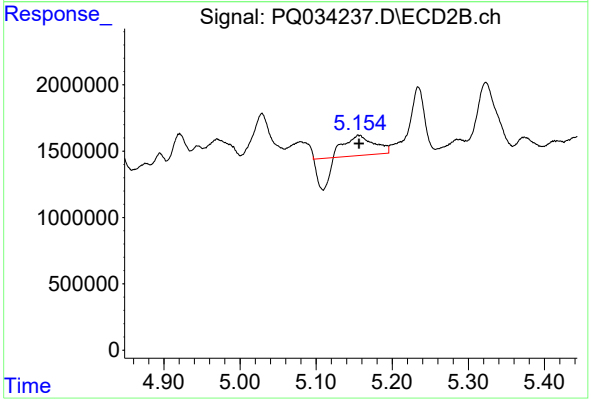

#21 AR-1248-1

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 1042895
Conc: 22.49 ng/ml



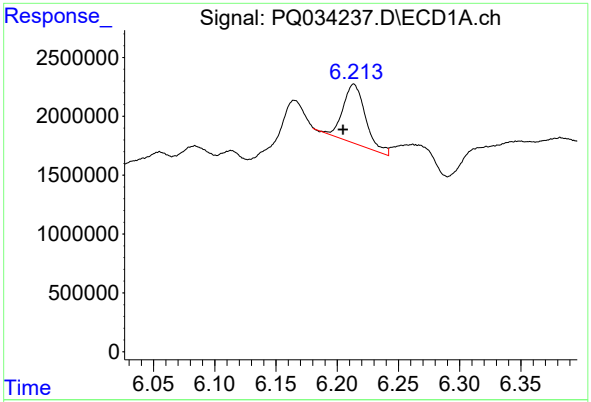

#22 AR-1248-2

R.T.: 6.055 min
Delta R.T.: 0.055 min
Response: 1406777
Conc: 15.09 ng/ml




#22 AR-1248-2

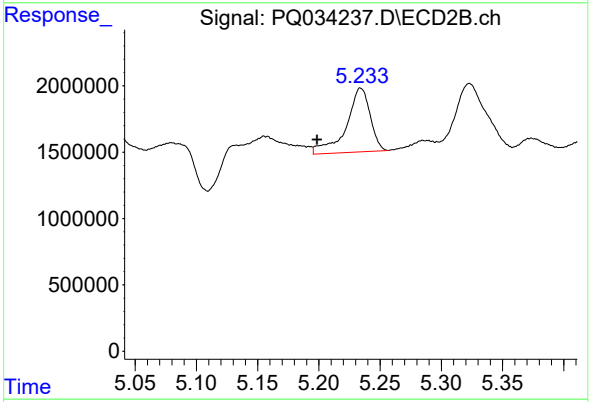
R.T.: 5.156 min
Delta R.T.: 0.000 min
Response: 2182282
Conc: 34.79 ng/ml




#23 AR-1248-3

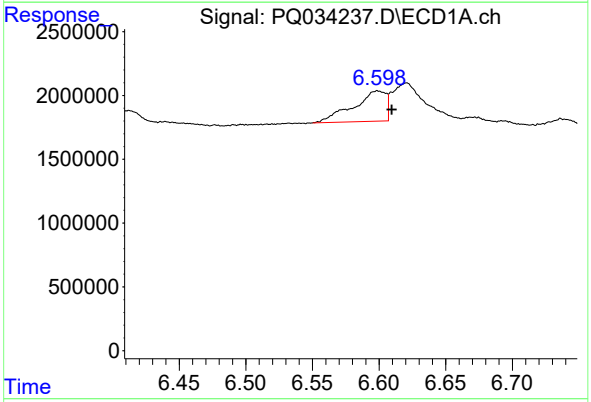
R.T.: 6.214 min
Delta R.T.: 0.009 min
Response: 6453997
Conc: 60.47 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**



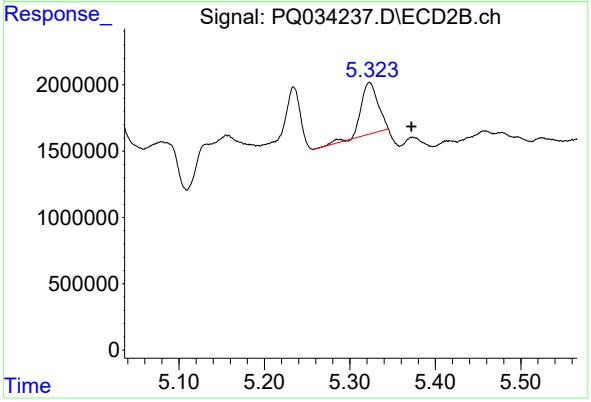

#23 AR-1248-3

R.T.: 5.234 min
Delta R.T.: 0.036 min
Response: 6554375
Conc: 101.33 ng/ml



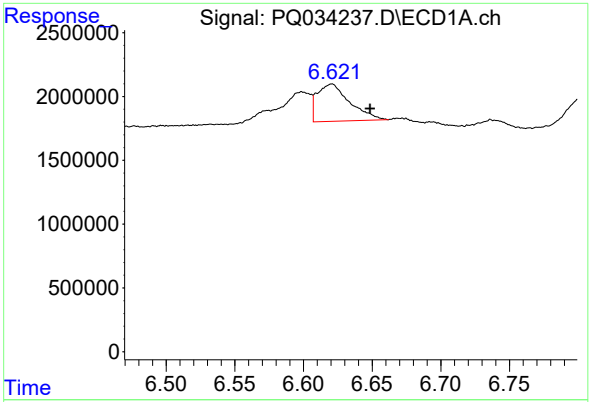

#24 AR-1248-4

R.T.: 6.599 min
Delta R.T.: -0.011 min
Response: 4043354
Conc: 33.27 ng/ml




#24 AR-1248-4

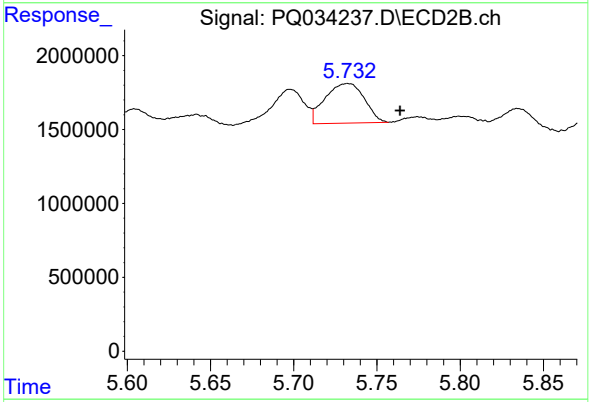
R.T.: 5.323 min
Delta R.T.: -0.049 min
Response: 5438029
Conc: 68.24 ng/ml




#25 AR-1248-5

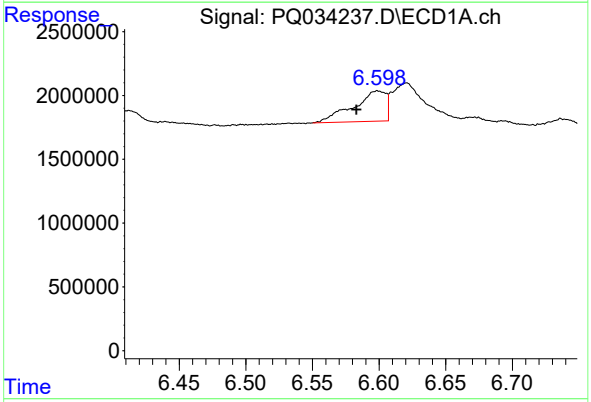
R.T.: 6.621 min
Delta R.T.: -0.028 min
Response: 4820026
Conc: 41.25 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**



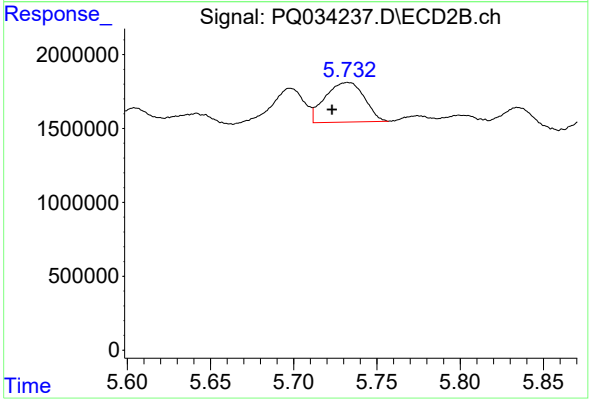

#25 AR-1248-5

R.T.: 5.733 min
Delta R.T.: -0.031 min
Response: 4409344
Conc: 54.82 ng/ml



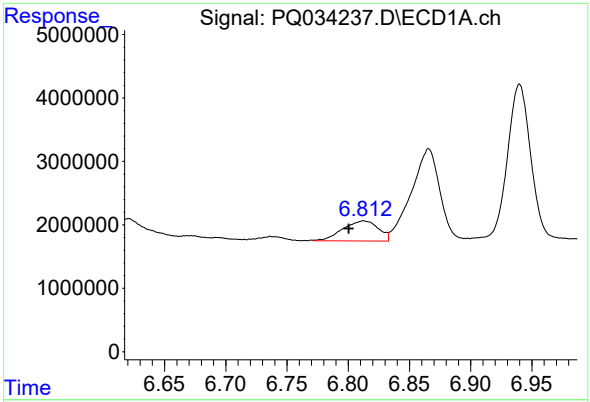

#26 AR-1254-1

R.T.: 6.599 min
Delta R.T.: 0.016 min
Response: 4043354
Conc: 35.78 ng/ml




#26 AR-1254-1

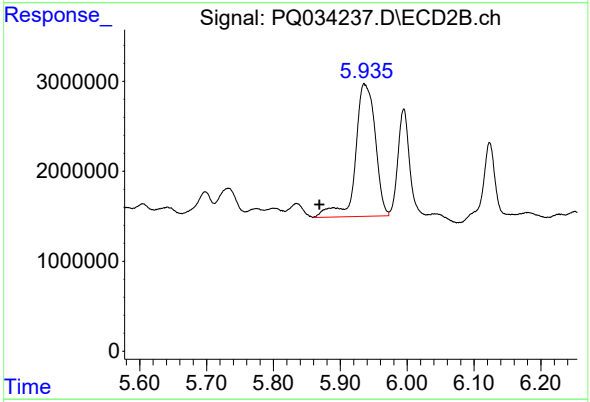
R.T.: 5.733 min
Delta R.T.: 0.010 min
Response: 4409344
Conc: 38.14 ng/ml




#27 AR-1254-2

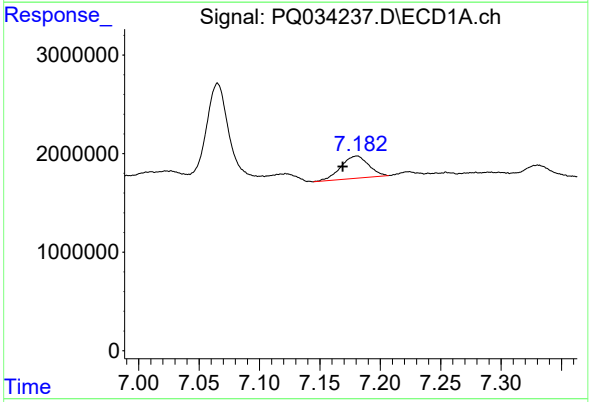
R.T.: 6.813 min
Delta R.T.: 0.012 min
Response: 6439745
Conc: 35.91 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**



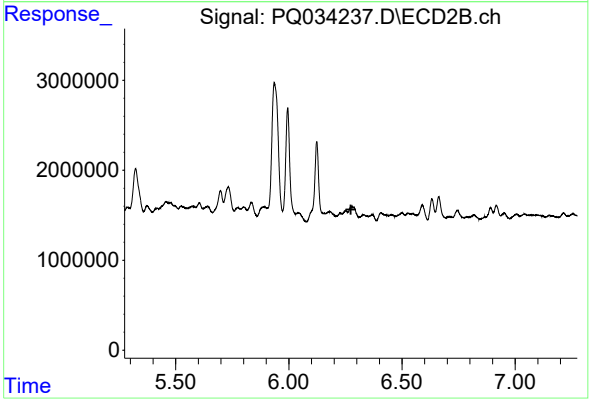

#27 AR-1254-2

R.T.: 5.936 min
Delta R.T.: 0.067 min
Response: 30328470
Conc: 303.10 ng/ml



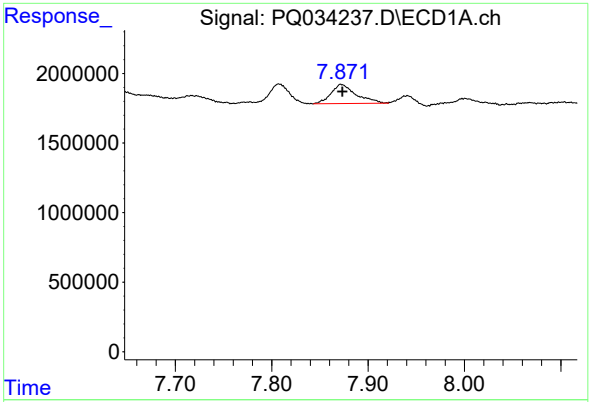

#28 AR-1254-3

R.T.: 7.181 min
Delta R.T.: 0.012 min
Response: 3606822
Conc: 18.55 ng/ml




#28 AR-1254-3

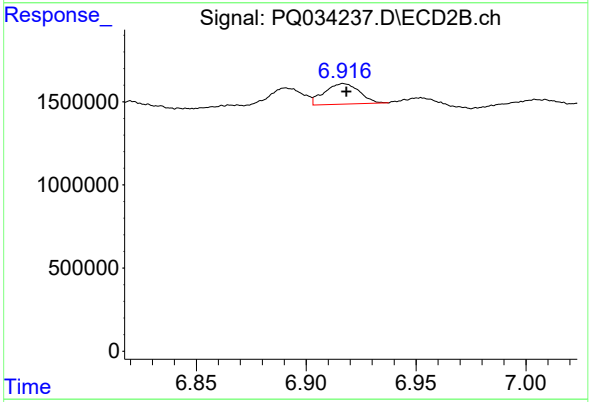
R.T.: 0.000 min
Exp R.T. : 6.274 min
Response: 0
Conc: N.D.




#30 AR-1254-5

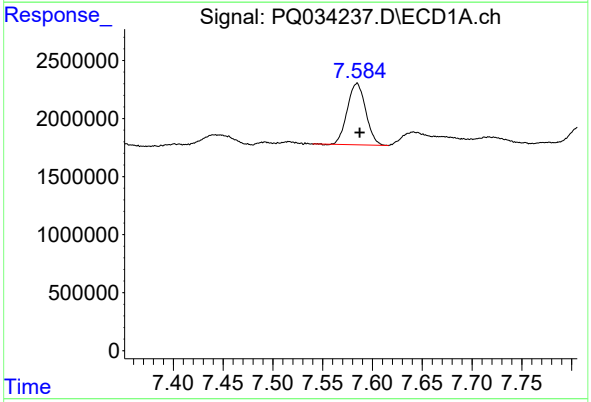
R.T.: 7.872 min
Delta R.T.: -0.001 min
Response: 2470730
Conc: 15.69 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**



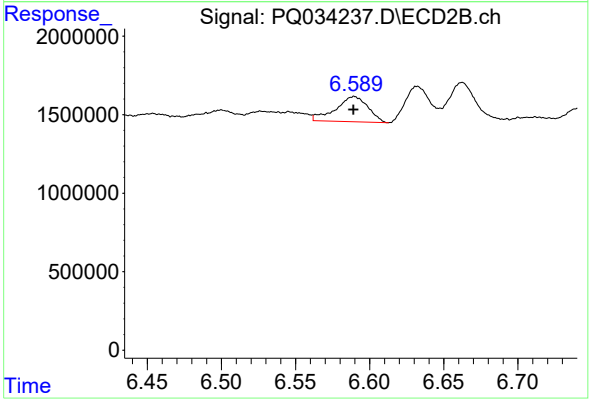

#30 AR-1254-5

R.T.: 6.917 min
Delta R.T.: -0.001 min
Response: 1372596
Conc: 9.05 ng/ml



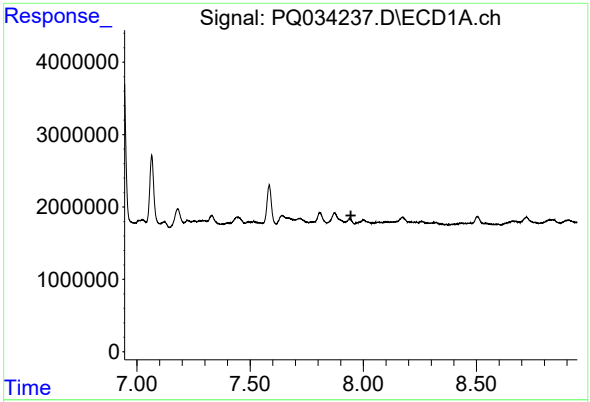

#32 AR-1260-2

R.T.: 7.584 min
Delta R.T.: -0.003 min
Response: 6811111
Conc: 39.57 ng/ml




#32 AR-1260-2

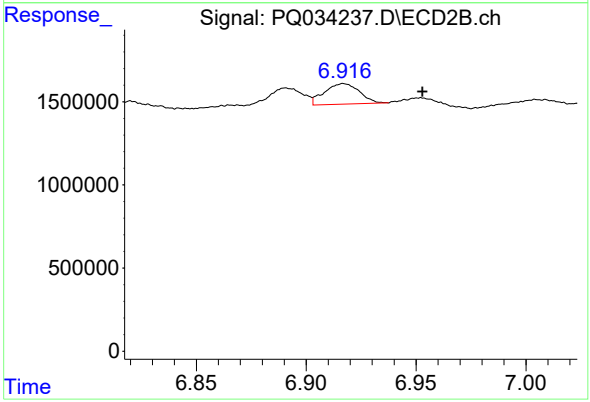
R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 2432678
Conc: 17.13 ng/ml




#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.945 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_Q
**ClientSampleId :**




#36 AR-1262-1

R.T.: 6.917 min
Delta R.T.: -0.036 min
Response: 1372596
Conc: 9.14 ng/ml