Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100223\
Data File : PQ063488.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2023 16:19
Operator : YP\AJ
Sample : 04624-18
Misc :
ALS Vial : 26 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 02 22:36:34 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092523CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 26 06:41:31 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm 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... | 3.462 | 2.781 | 120.9E6 | 98598905 | 23.035 | 24.398 | |
| 2) | SA Decachlor... | 8.694 | 7.582 | 97784937 | 95167101 | 26.465 | 25.739 | |
| | Target Compounds | | | | | | | |
| 3) | L1 AR-1016-1 | 4.598 | 3.811 | 2966498 | 962416 | 17.961 | 7.240 | # |
| 4) | L1 AR-1016-2 | 4.598 | 3.811 | 2966498 | 962416 | 11.774 | 5.017 | # |
| 5) | L1 AR-1016-3 | 4.662 | 4.018f | 3478949 | 614938 | 22.203 | 5.858 | # |
| 6) | L1 AR-1016-4 | 4.753 | 4.018 | 551064 | 614938 | 4.299 | 6.951 | # |
| 7) | L1 AR-1016-5 | 5.029 | 0.000 | 663517 | 0 | 5.263 | N.D. | # |
| 8) | L2 AR-1221-1 | 3.648 | 3.052f | 429678 | 1171729 | 6.854 | 24.199 | # |
| 9) | L2 AR-1221-2 | 3.744 | 3.052 | 1559774 | 1171729 | 37.785 | 35.161 | |
| 12) | L3 AR-1232-2 | 4.282 | 3.811 | 191355 | 962416 | 3.238 | 11.068 | # |
| 13) | L3 AR-1232-3 | 4.598 | 4.018f | 2966498 | 614938 | 26.040 | 13.397 | # |
| 14) | L3 AR-1232-4 | 4.753 | 4.018f | 551064 | 614938 | 9.532 | 15.722 | # |
| 16) | L4 AR-1242-1 | 4.598 | 3.811 | 2966498 | 962416 | 21.303 | 8.543 | # |
| 17) | L4 AR-1242-2 | 4.598 | 3.811 | 2966498 | 962416 | 13.838 | 5.927 | # |
| 18) | L4 AR-1242-3 | 4.662 | 4.018f | 3478949 | 614938 | 26.169 | 7.015 | # |
| 19) | L4 AR-1242-4 | 4.753 | 4.018f | 551064 | 614938 | 5.053 | 7.503 | # |
| 20) | L4 AR-1242-5 | 5.472 | 4.554 | 1968161 | 619986 | 16.969 | 5.819 | # |
| 21) | L5 AR-1248-1 | 4.598 | 3.811 | 2966498 | 962416 | 27.795 | 11.118 | # |
| 22) | L5 AR-1248-2 | 0.000 | 4.018 | 0 | 614938 | N.D. | 4.775 | # |
| 23) | L5 AR-1248-3 | 5.029 | 4.018f | 663517 | 614938 | 3.611 | 4.963 | # |
| 24) | L5 AR-1248-4 | 5.438 | 0.000 | 867789 | 0 | 4.271 | N.D. | # |
| 25) | L5 AR-1248-5 | 5.472 | 4.554f | 1968161 | 619986 | 9.814 | 4.085 | # |
| 26) | L6 AR-1254-1 | 5.402 | 4.554 | 1307208 | 619986 | 6.533 | 2.810 | # |
| 27) | L6 AR-1254-2 | 5.621 | 0.000 | 1502359 | 0 | 4.798 | N.D. | # |
| 29) | L6 AR-1254-4 | 6.293 | 0.000 | 661226 | 0 | 2.812 | N.D. | # |
| 32) | L7 AR-1260-2 | 6.357f | 0.000 | 1009745 | 0 | 3.384 | N.D. | # |
| 34) | L7 AR-1260-4 | 6.984 | 6.009 | 4112346 | 8762255 | 16.723 | 43.242 | # |
| 35) | L7 AR-1260-5 | 7.242f | 6.269 | 8801973 | 9649635 | 18.476 | 20.803 | |
| 37) | L8 AR-1262-2 | 7.242f | 6.269 | 8801973 | 9649635 | 16.150 | 18.623 | |
| 39) | L8 AR-1262-4 | 7.673 | 0.000 | 270800 | 0 | 0.988 | N.D. | # |
| 40) | L8 AR-1262-5 | 8.160 | 0.000 | 748036 | 0 | 4.042 | N.D. | # |
| 42) | L9 AR-1268-2 | 7.673 | 0.000 | 270800 | 0 | 0.479 | N.D. | # |
| 44) | L9 AR-1268-4 | 8.160 | 0.000 | 748036 | 0 | 3.691 | N.D. | # |
| 45) | L9 AR-1268-5 | 8.455 | 7.364 | 1027314 | 700823 | 0.716 | 0.491 | # |

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

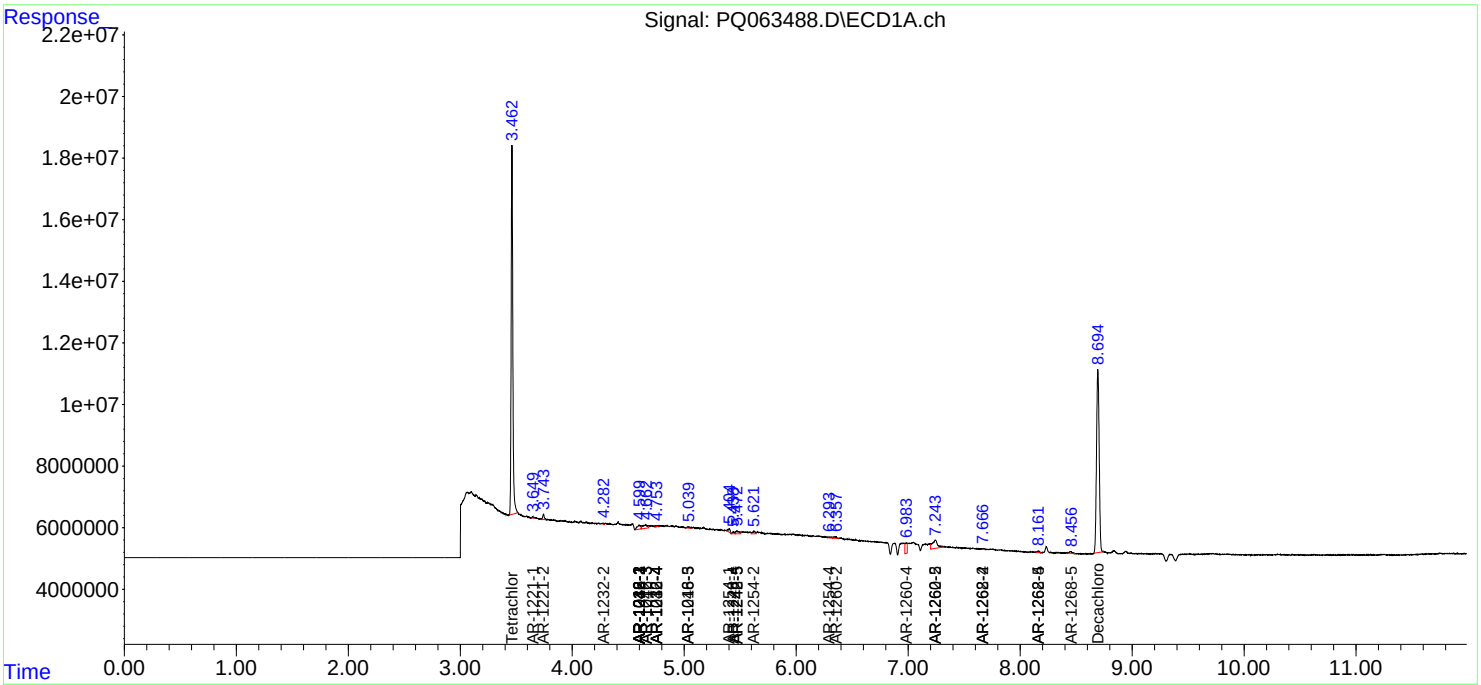
Quantitation Report (Not Reviewed)

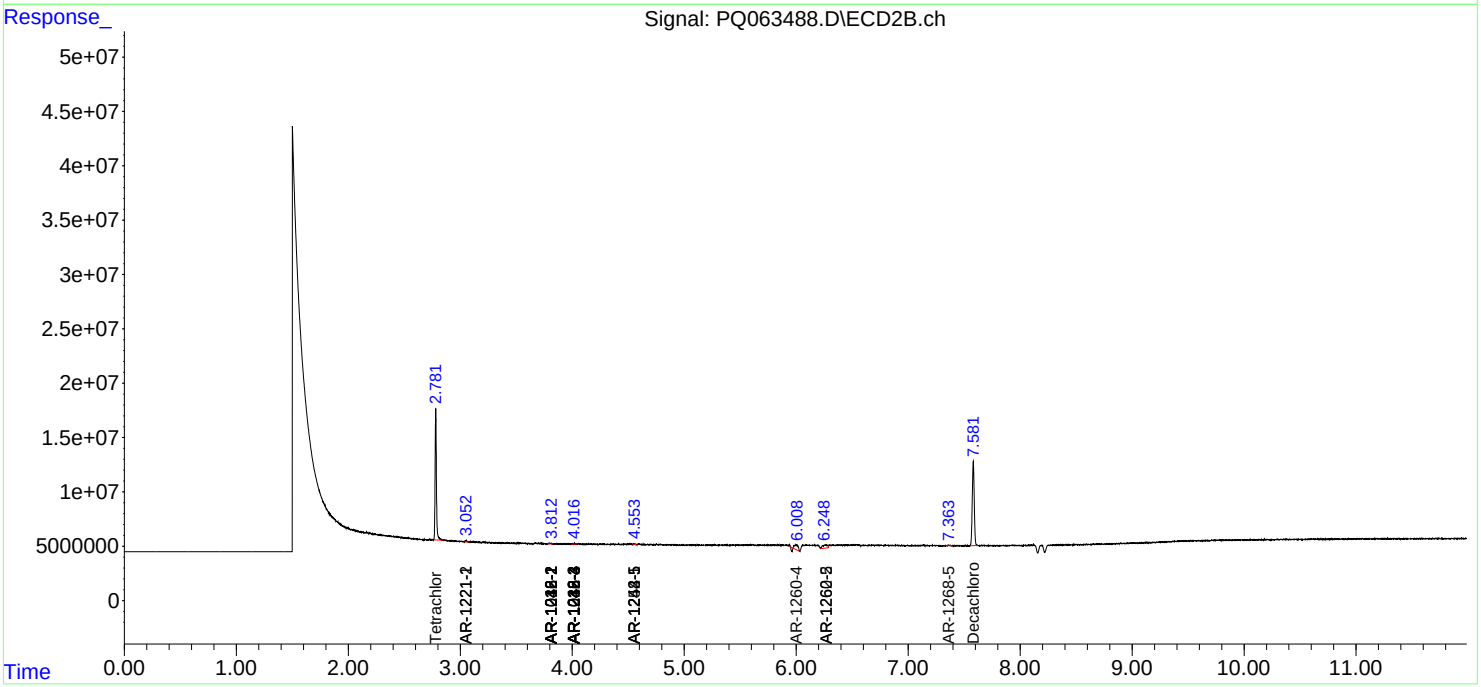
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100223\
Data File : PQ063488.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2023 16:19
Operator : YP\AJ
Sample : 04624-18
Misc :
ALS Vial : 26 Sample Multiplier: 1

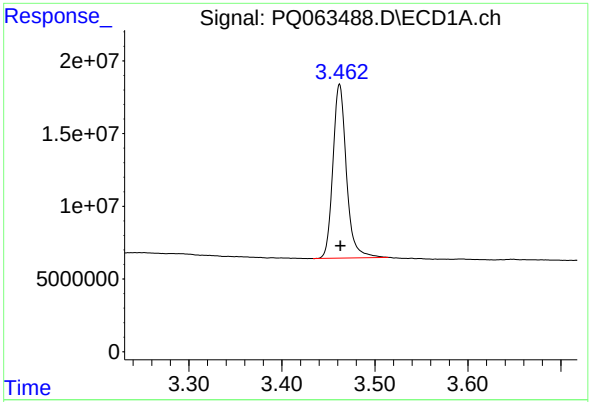
**Instrument :**
ECD_Q
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 02 22:36:34 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092523CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 26 06:41:31 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



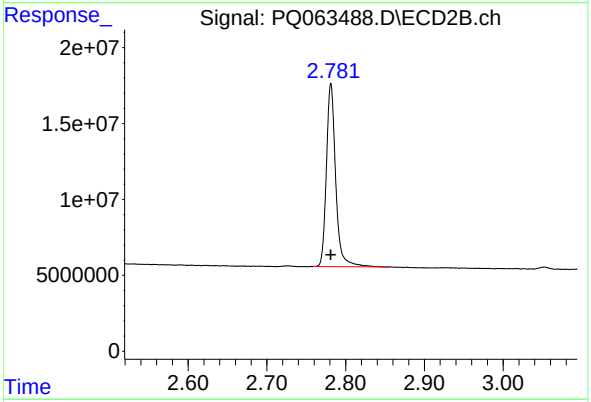






#1 Tetrachloro-m-xylene

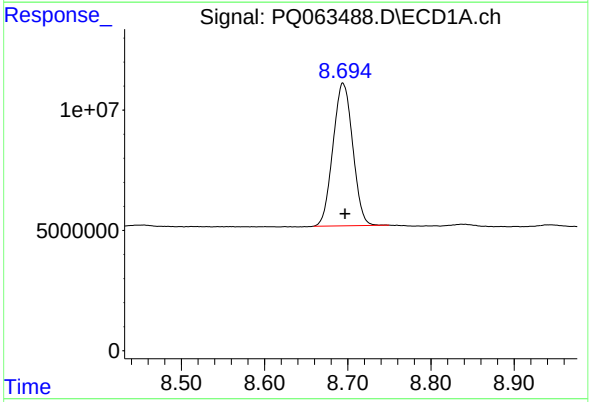
R.T.: 3.462 min
Delta R.T.: 0.000 min
Response: 120858960
Conc: 23.04 ng/ml

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



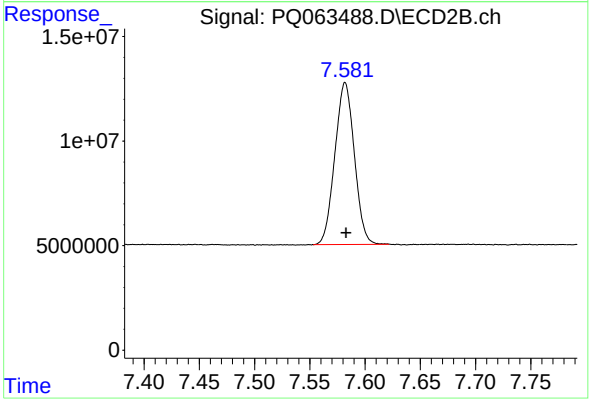

#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: 0.000 min
Response: 98598905
Conc: 24.40 ng/ml



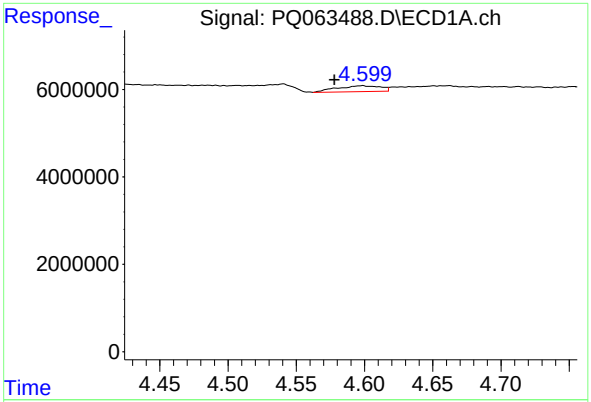

#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: -0.003 min
Response: 97784937
Conc: 26.47 ng/ml




#2 Decachlorobiphenyl

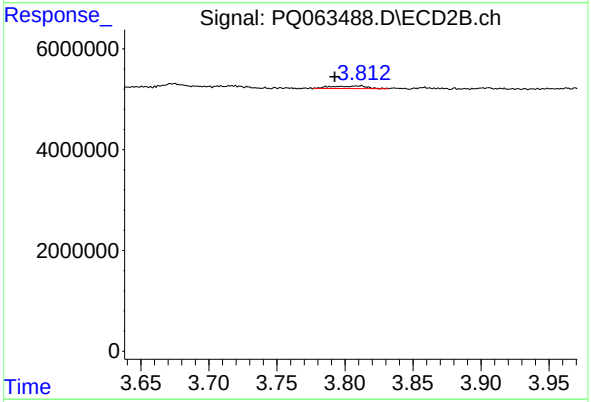
R.T.: 7.582 min
Delta R.T.: 0.000 min
Response: 95167101
Conc: 25.74 ng/ml




#3 AR-1016-1

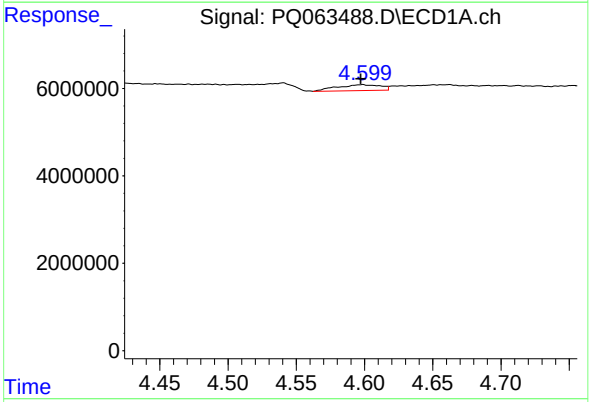
R.T.: 4.598 min
Delta R.T.: 0.020 min
Response: 2966498
Conc: 17.96 ng/ml

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



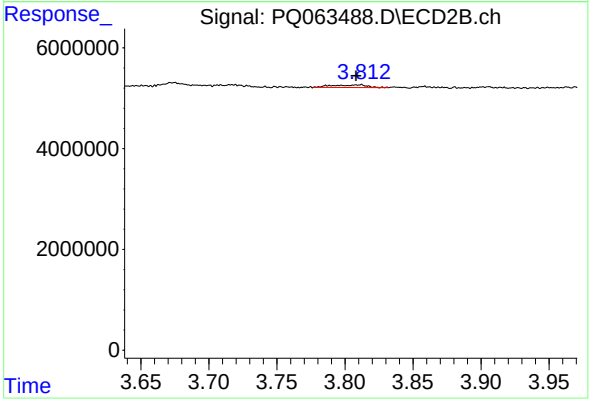

#3 AR-1016-1

R.T.: 3.811 min
Delta R.T.: 0.019 min
Response: 962416
Conc: 7.24 ng/ml



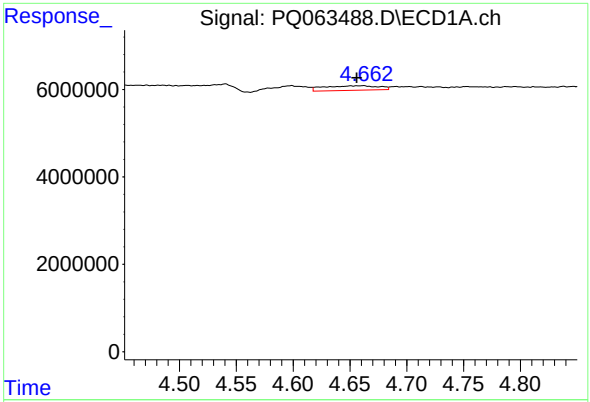

#4 AR-1016-2

R.T.: 4.598 min
Delta R.T.: 0.001 min
Response: 2966498
Conc: 11.77 ng/ml




#4 AR-1016-2

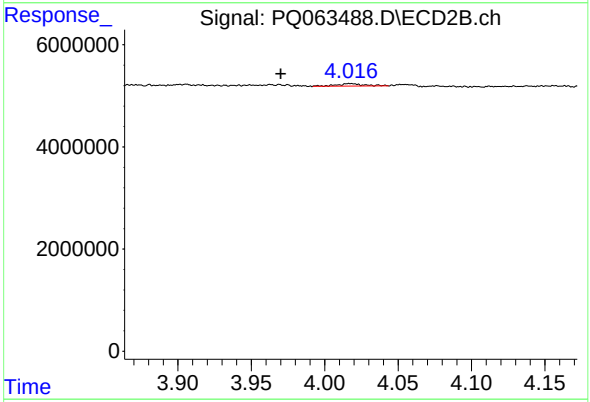
R.T.: 3.811 min
Delta R.T.: 0.003 min
Response: 962416
Conc: 5.02 ng/ml




#5 AR-1016-3

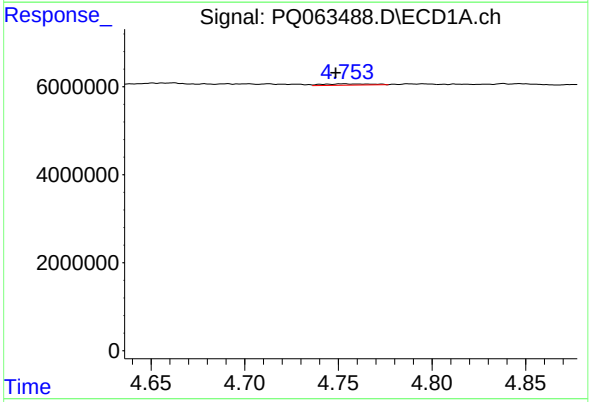
R.T.: 4.662 min
Delta R.T.: 0.006 min
Response: 3478949
Conc: 22.20 ng/ml

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



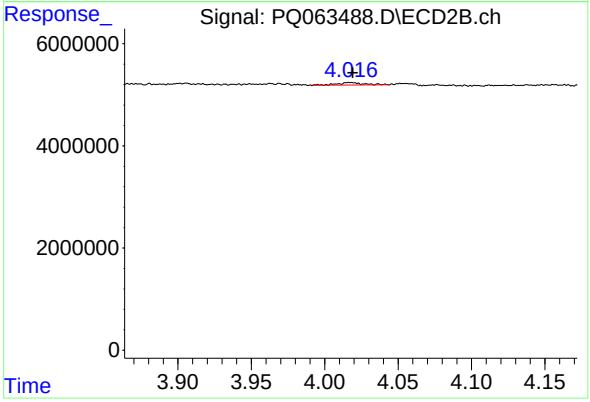

#5 AR-1016-3

R.T.: 4.018 min
Delta R.T.: 0.048 min
Response: 614938
Conc: 5.86 ng/ml



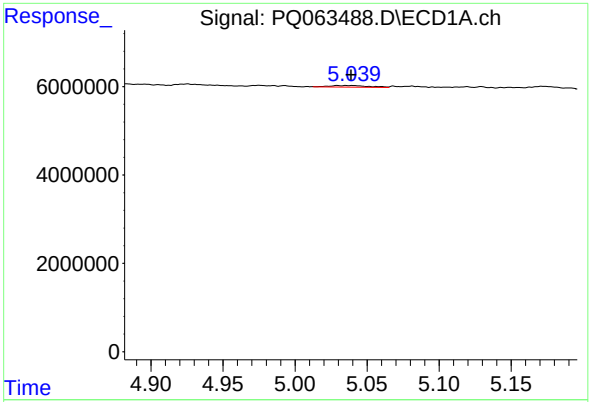

#6 AR-1016-4

R.T.: 4.753 min
Delta R.T.: 0.004 min
Response: 551064
Conc: 4.30 ng/ml




#6 AR-1016-4

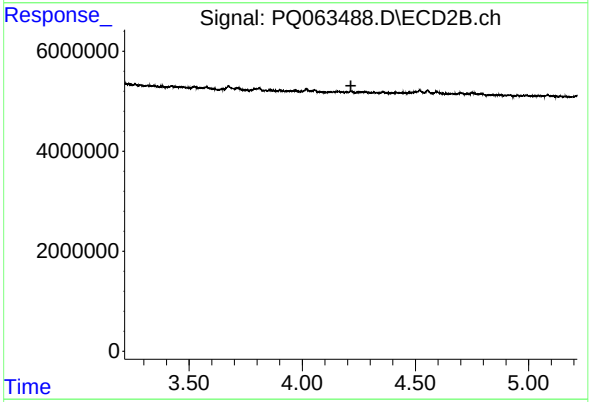
R.T.: 4.018 min
Delta R.T.: -0.002 min
Response: 614938
Conc: 6.95 ng/ml




#7 AR-1016-5

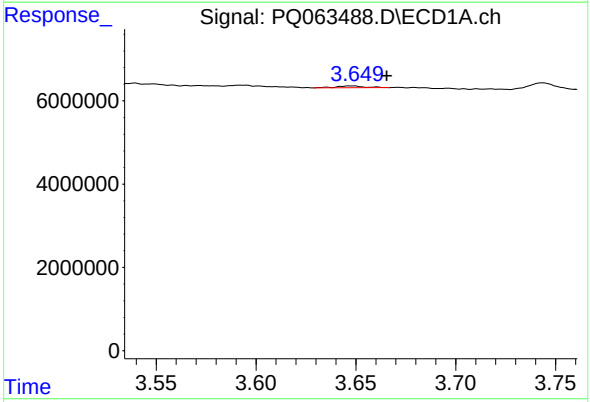
R.T.: 5.029 min
Delta R.T.: -0.010 min
Response: 663517
Conc: 5.26 ng/ml

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



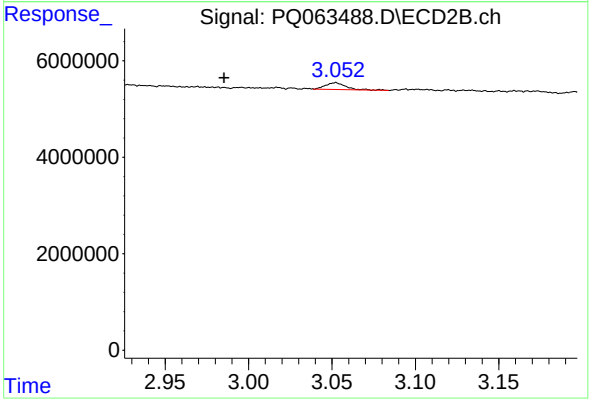

#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.215 min
Response: 0
Conc: N.D.



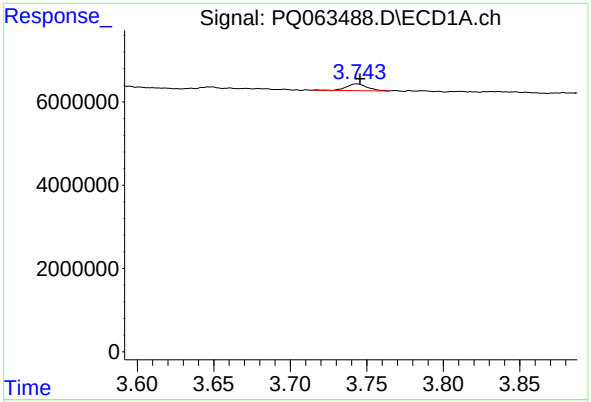

#8 AR-1221-1

R.T.: 3.648 min
Delta R.T.: -0.017 min
Response: 429678
Conc: 6.85 ng/ml




#8 AR-1221-1

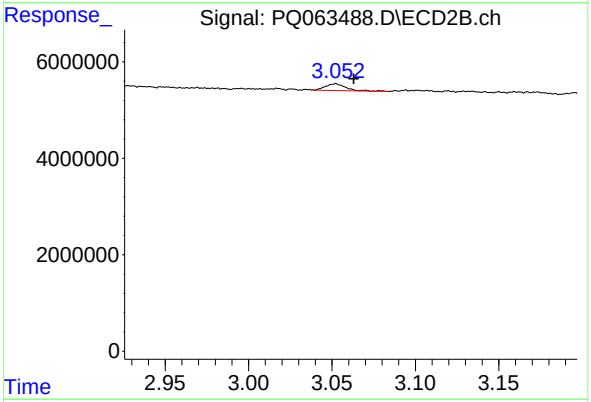
R.T.: 3.052 min
Delta R.T.: 0.067 min
Response: 1171729
Conc: 24.20 ng/ml




#9 AR-1221-2

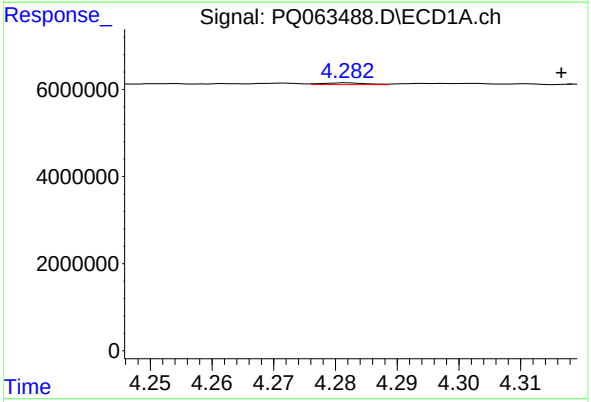
R.T.: 3.744 min
Delta R.T.: -0.002 min
Response: 1559774
Conc: 37.78 ng/ml

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



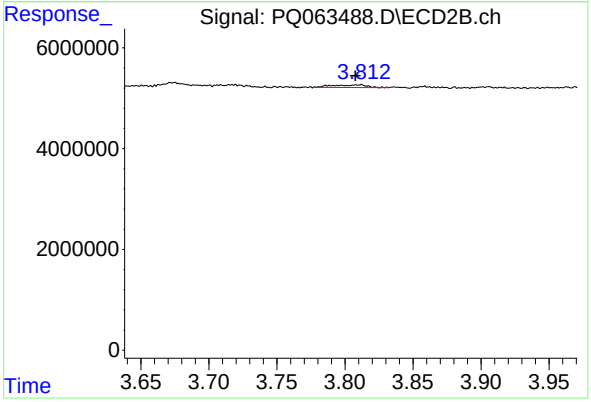

#9 AR-1221-2

R.T.: 3.052 min
Delta R.T.: -0.011 min
Response: 1171729
Conc: 35.16 ng/ml



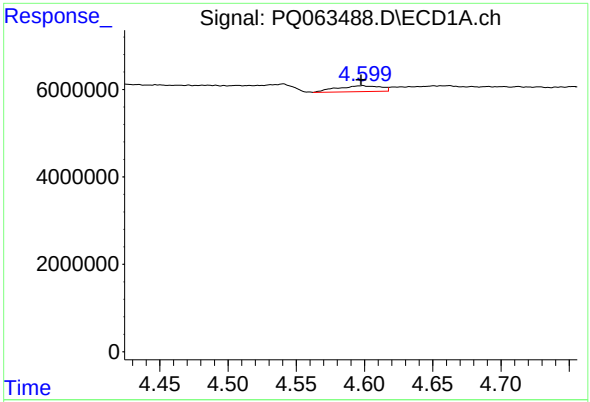

#12 AR-1232-2

R.T.: 4.282 min
Delta R.T.: -0.035 min
Response: 191355
Conc: 3.24 ng/ml




#12 AR-1232-2

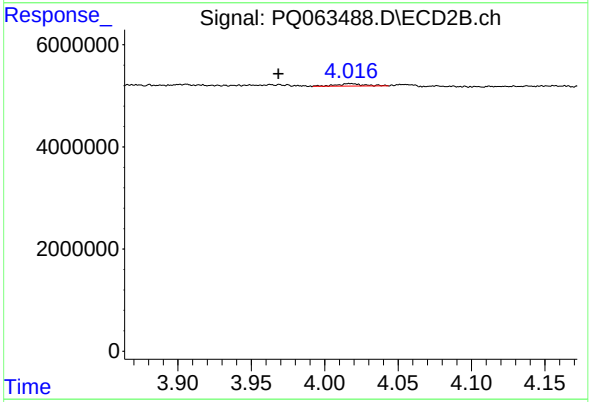
R.T.: 3.811 min
Delta R.T.: 0.004 min
Response: 962416
Conc: 11.07 ng/ml




#13 AR-1232-3

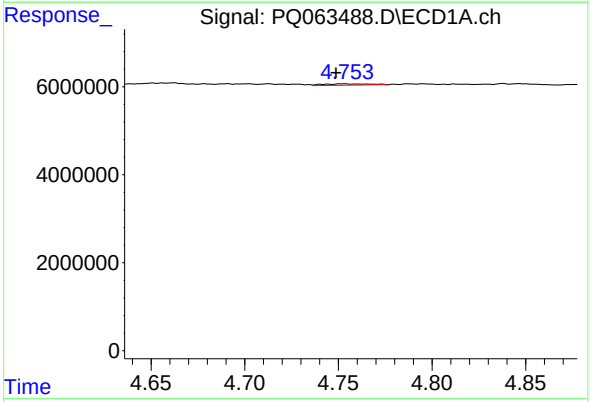
R.T.: 4.598 min
Delta R.T.: 0.001 min
Response: 2966498
Conc: 26.04 ng/ml

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



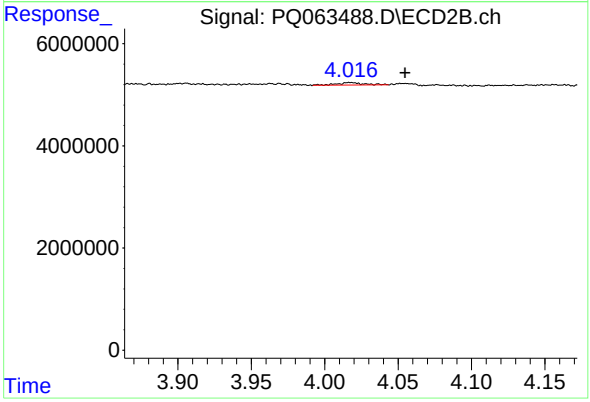

#13 AR-1232-3

R.T.: 4.018 min
Delta R.T.: 0.049 min
Response: 614938
Conc: 13.40 ng/ml



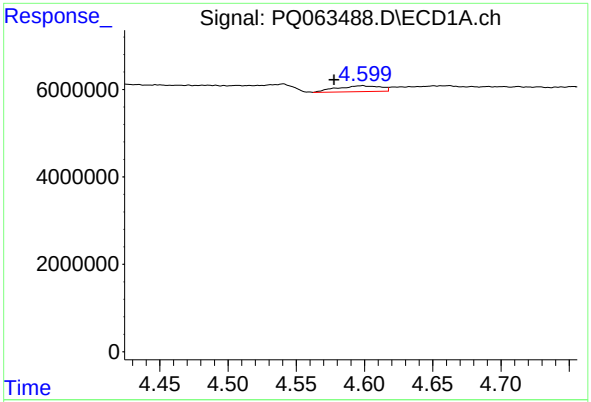

#14 AR-1232-4

R.T.: 4.753 min
Delta R.T.: 0.004 min
Response: 551064
Conc: 9.53 ng/ml




#14 AR-1232-4

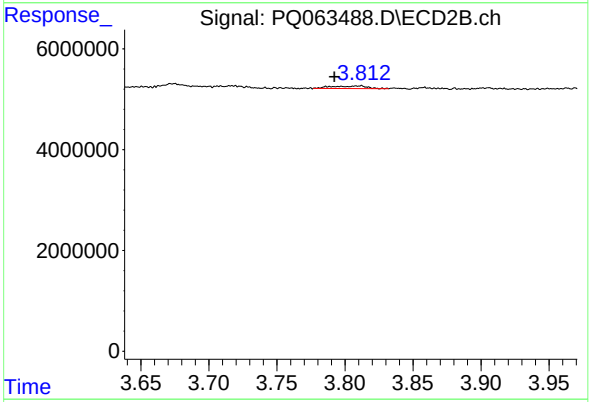
R.T.: 4.018 min
Delta R.T.: -0.037 min
Response: 614938
Conc: 15.72 ng/ml




#16 AR-1242-1

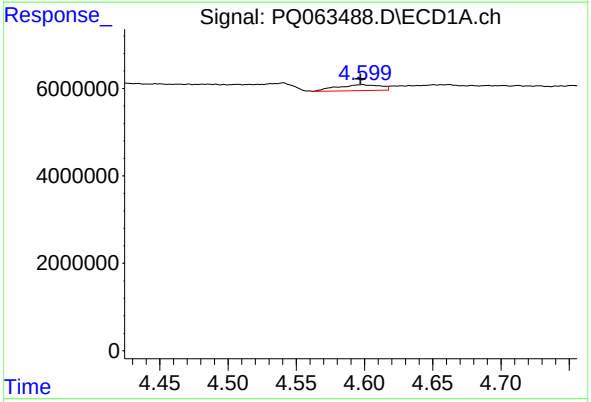
R.T.: 4.598 min
Delta R.T.: 0.021 min
Response: 2966498
Conc: 21.30 ng/ml

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



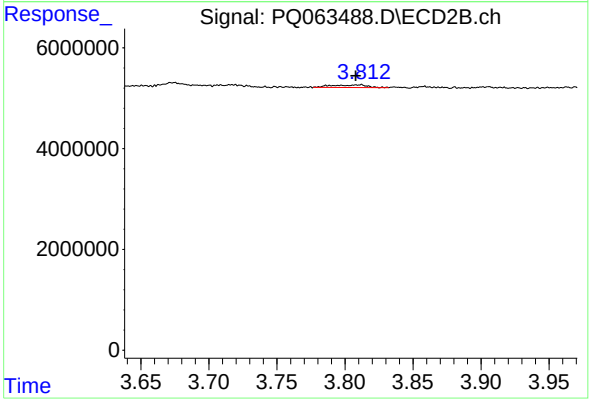

#16 AR-1242-1

R.T.: 3.811 min
Delta R.T.: 0.019 min
Response: 962416
Conc: 8.54 ng/ml



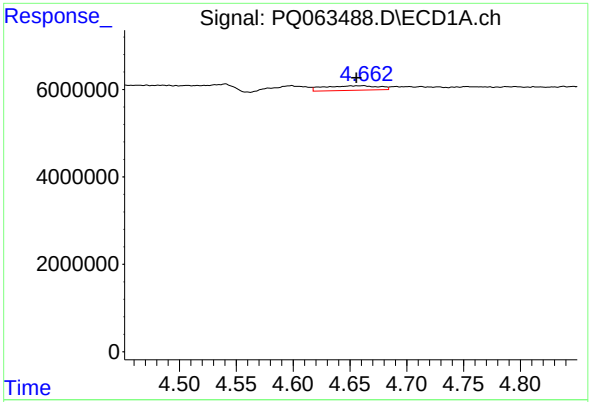

#17 AR-1242-2

R.T.: 4.598 min
Delta R.T.: 0.001 min
Response: 2966498
Conc: 13.84 ng/ml




#17 AR-1242-2

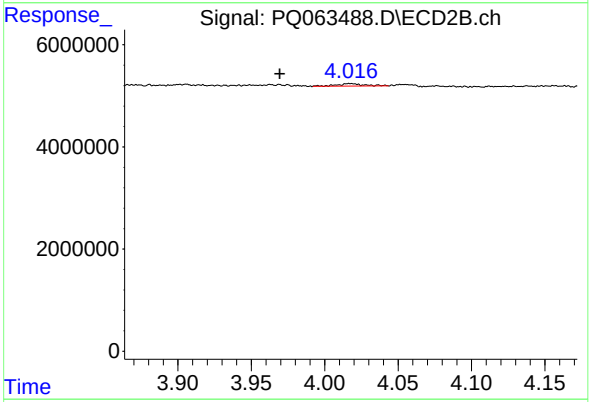
R.T.: 3.811 min
Delta R.T.: 0.003 min
Response: 962416
Conc: 5.93 ng/ml




#18 AR-1242-3

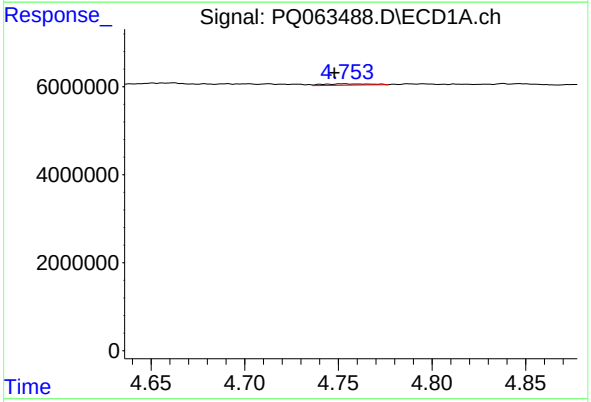
R.T.: 4.662 min
Delta R.T.: 0.006 min
Response: 3478949
Conc: 26.17 ng/ml

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



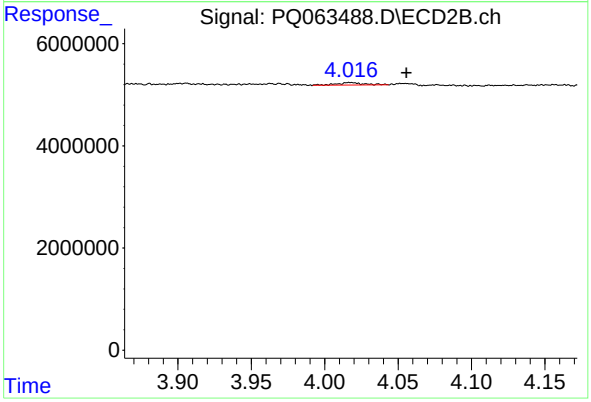

#18 AR-1242-3

R.T.: 4.018 min
Delta R.T.: 0.048 min
Response: 614938
Conc: 7.01 ng/ml



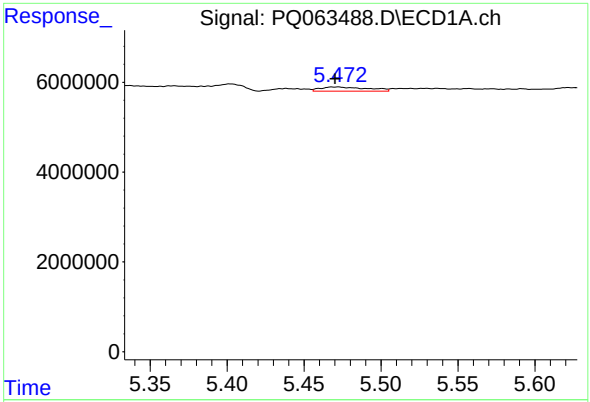

#19 AR-1242-4

R.T.: 4.753 min
Delta R.T.: 0.005 min
Response: 551064
Conc: 5.05 ng/ml




#19 AR-1242-4

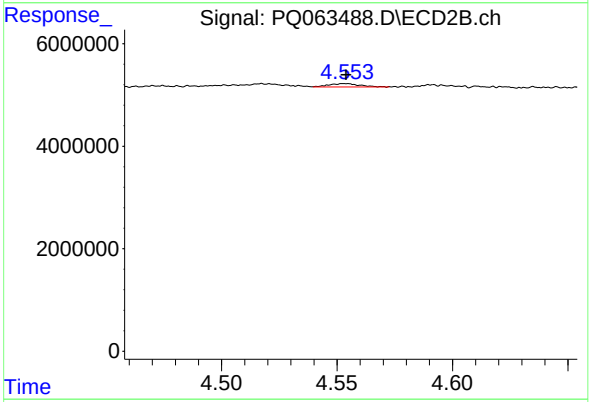
R.T.: 4.018 min
Delta R.T.: -0.038 min
Response: 614938
Conc: 7.50 ng/ml




#20 AR-1242-5

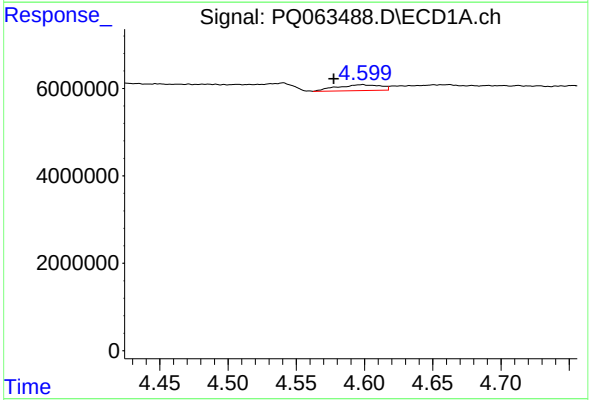
R.T.: 5.472 min
Delta R.T.: 0.002 min
Response: 1968161
Conc: 16.97 ng/ml

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



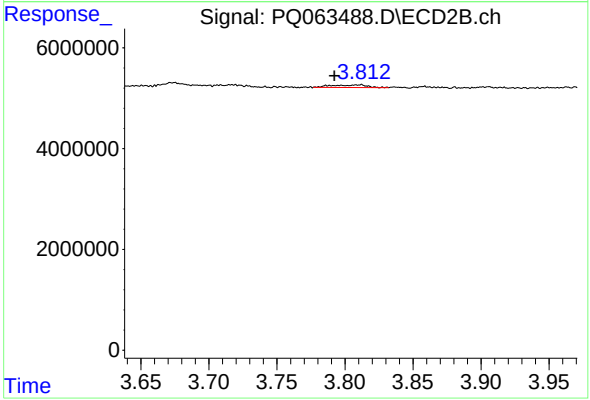

#20 AR-1242-5

R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 619986
Conc: 5.82 ng/ml



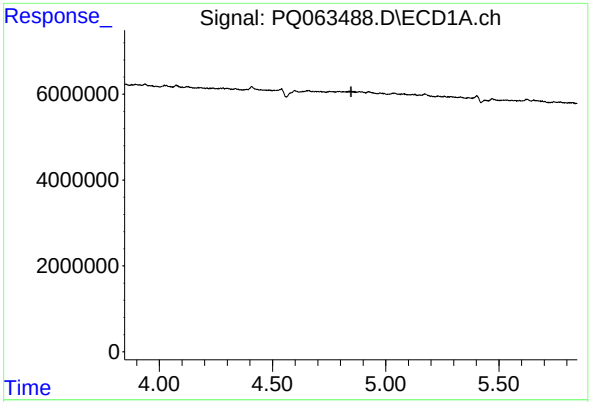

#21 AR-1248-1

R.T.: 4.598 min
Delta R.T.: 0.021 min
Response: 2966498
Conc: 27.79 ng/ml




#21 AR-1248-1

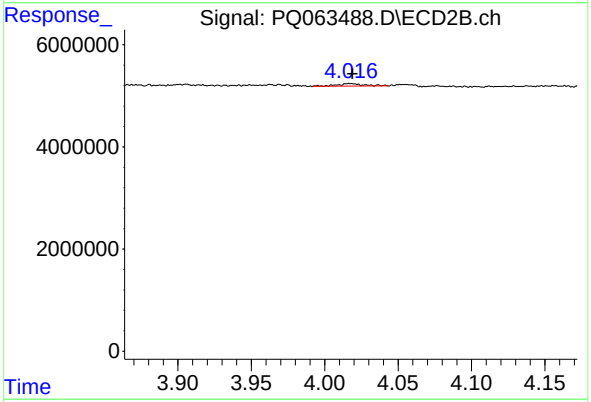
R.T.: 3.811 min
Delta R.T.: 0.019 min
Response: 962416
Conc: 11.12 ng/ml




#22 AR-1248-2

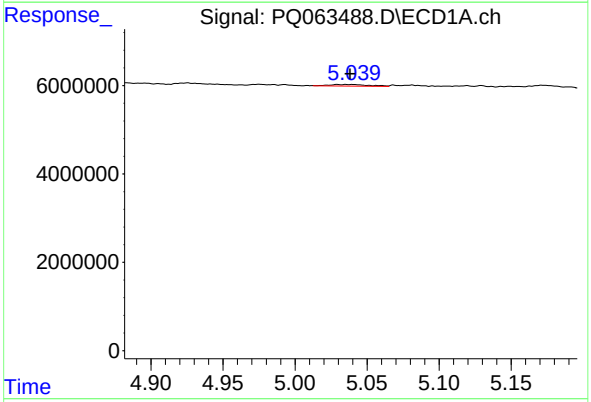
R.T.: 0.000 min
Exp R.T. : 4.847 min
Response: 0
Conc: N.D.

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



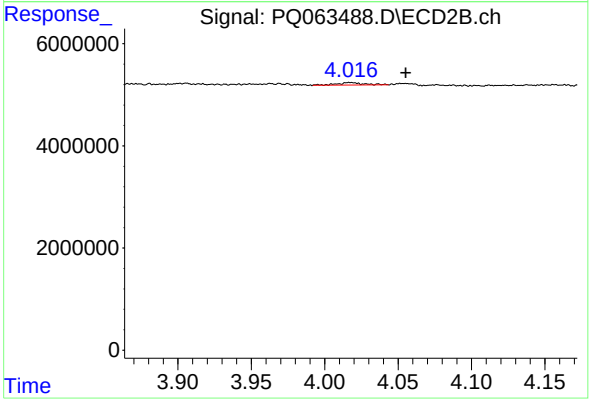

#22 AR-1248-2

R.T.: 4.018 min
Delta R.T.: -0.001 min
Response: 614938
Conc: 4.78 ng/ml



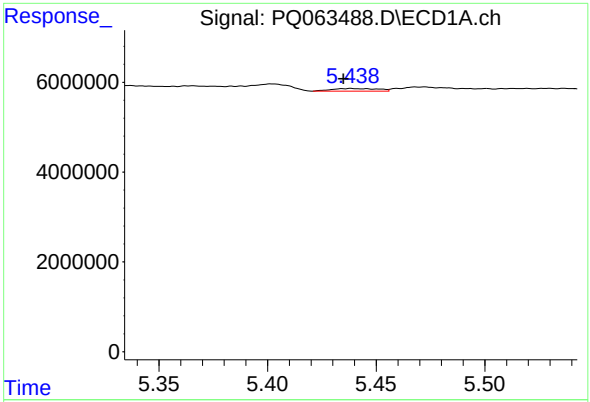

#23 AR-1248-3

R.T.: 5.029 min
Delta R.T.: -0.009 min
Response: 663517
Conc: 3.61 ng/ml




#23 AR-1248-3

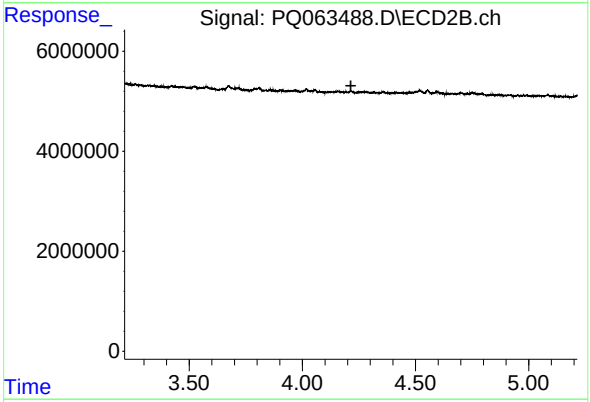
R.T.: 4.018 min
Delta R.T.: -0.038 min
Response: 614938
Conc: 4.96 ng/ml




#24 AR-1248-4

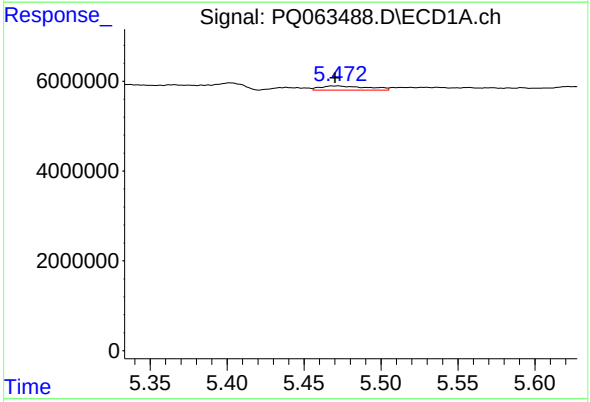
R.T.: 5.438 min
Delta R.T.: 0.003 min
Response: 867789
Conc: 4.27 ng/ml

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



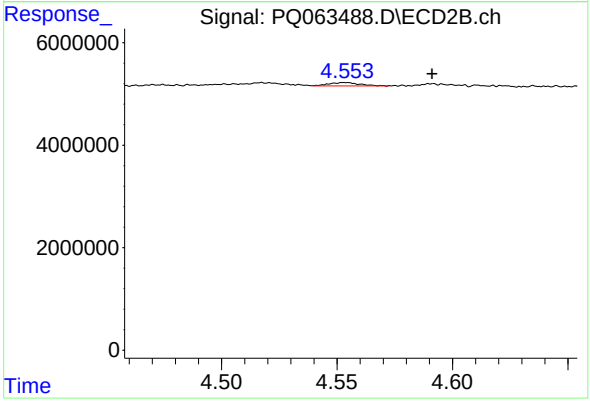

#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 4.214 min
Response: 0
Conc: N.D.



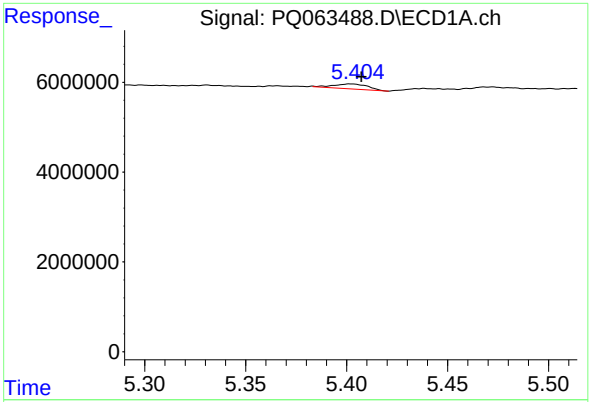

#25 AR-1248-5

R.T.: 5.472 min
Delta R.T.: 0.002 min
Response: 1968161
Conc: 9.81 ng/ml




#25 AR-1248-5

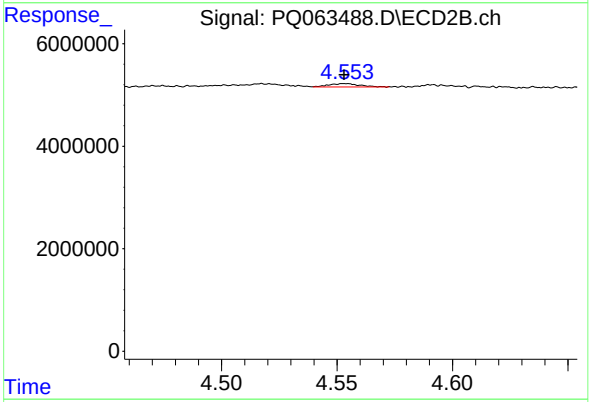
R.T.: 4.554 min
Delta R.T.: -0.037 min
Response: 619986
Conc: 4.08 ng/ml




#26 AR-1254-1

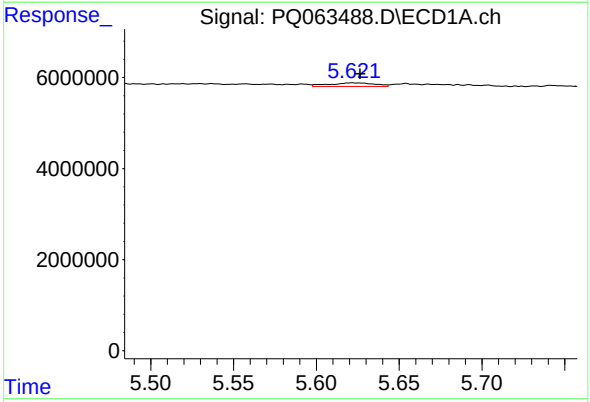
R.T.: 5.402 min
Delta R.T.: -0.005 min
Response: 1307208
Conc: 6.53 ng/ml

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



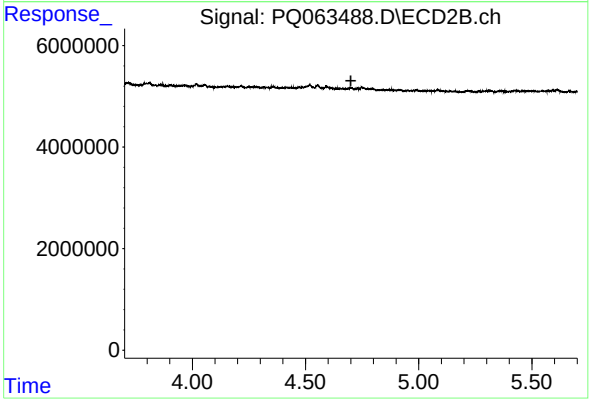

#26 AR-1254-1

R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 619986
Conc: 2.81 ng/ml



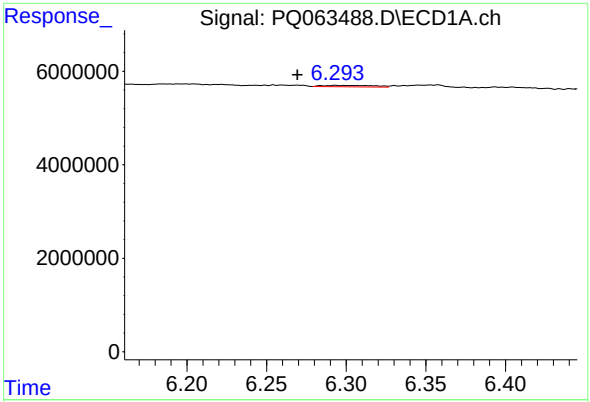

#27 AR-1254-2

R.T.: 5.621 min
Delta R.T.: -0.005 min
Response: 1502359
Conc: 4.80 ng/ml




#27 AR-1254-2

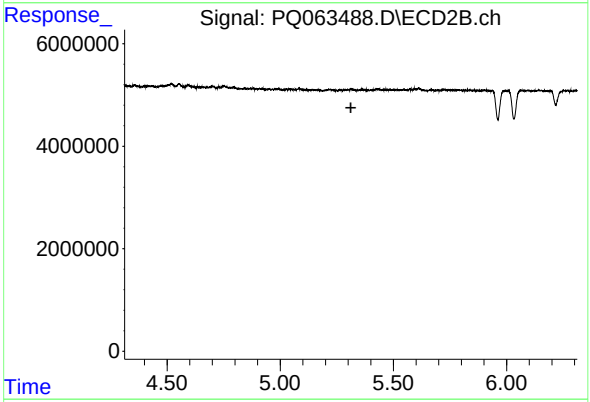
R.T.: 0.000 min
Exp R.T. : 4.701 min
Response: 0
Conc: N.D.




#29 AR-1254-4

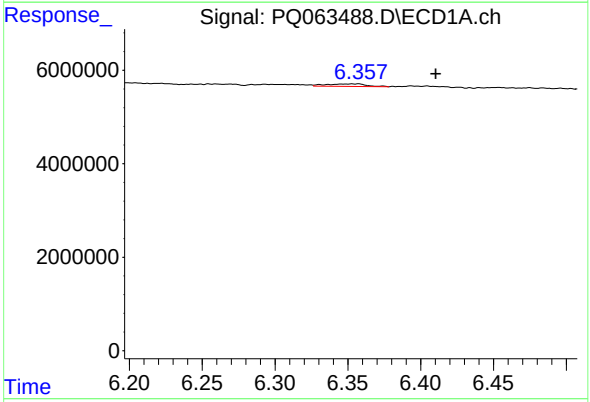
R.T.: 6.293 min
Delta R.T.: 0.024 min
Response: 661226
Conc: 2.81 ng/ml

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



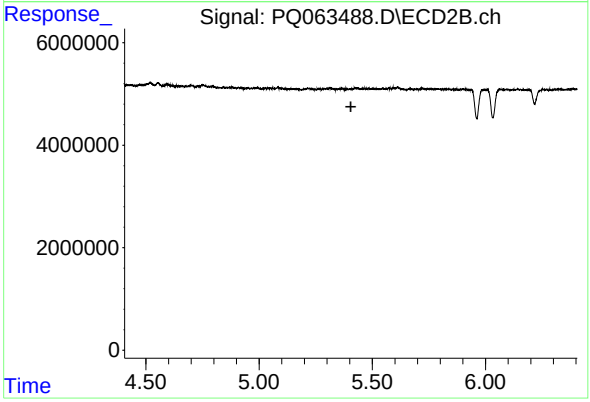

#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 5.312 min
Response: 0
Conc: N.D.



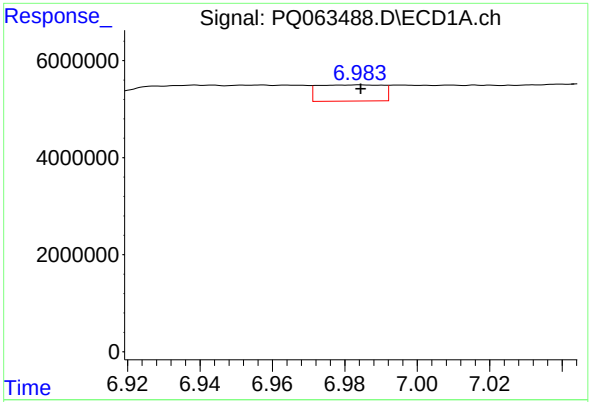

#32 AR-1260-2

R.T.: 6.357 min
Delta R.T.: -0.053 min
Response: 1009745
Conc: 3.38 ng/ml




#32 AR-1260-2

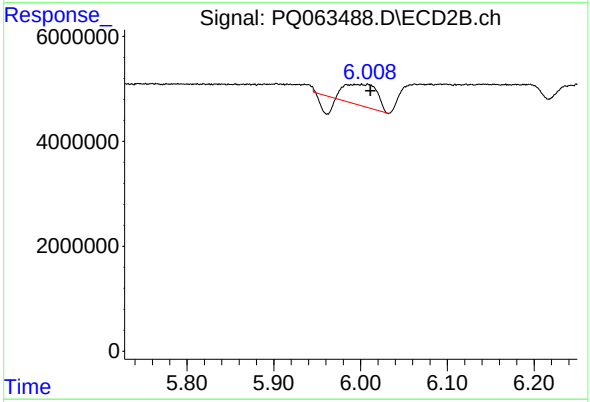
R.T.: 0.000 min
Exp R.T. : 5.405 min
Response: 0
Conc: N.D.




#34 AR-1260-4

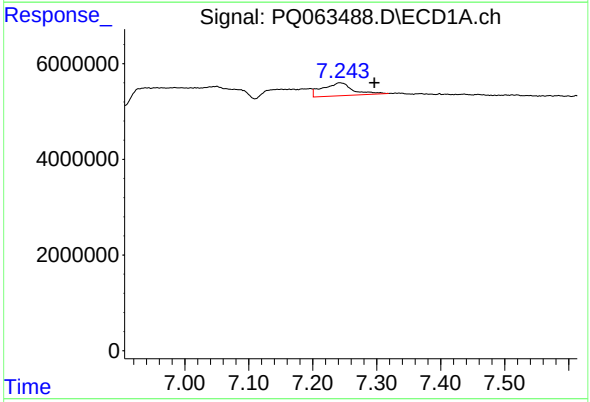
R.T.: 6.984 min
Delta R.T.: 0.000 min
Response: 4112346
Conc: 16.72 ng/ml

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



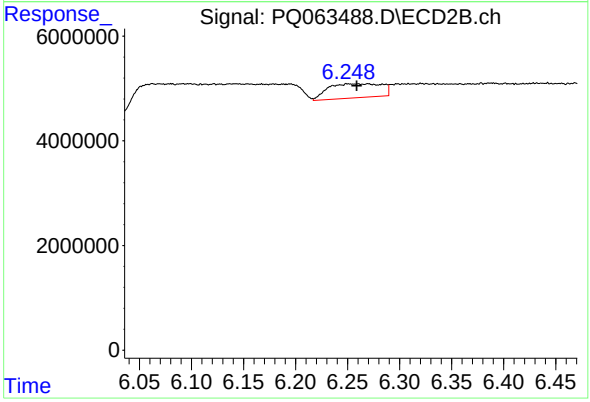

#34 AR-1260-4

R.T.: 6.009 min
Delta R.T.: -0.003 min
Response: 8762255
Conc: 43.24 ng/ml



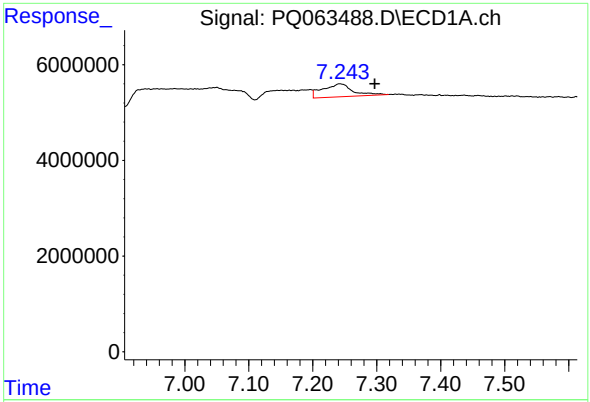

#35 AR-1260-5

R.T.: 7.242 min
Delta R.T.: -0.054 min
Response: 8801973
Conc: 18.48 ng/ml




#35 AR-1260-5

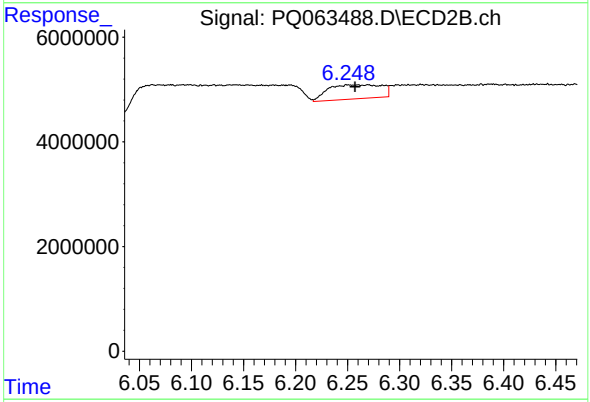
R.T.: 6.269 min
Delta R.T.: 0.010 min
Response: 9649635
Conc: 20.80 ng/ml




#37 AR-1262-2

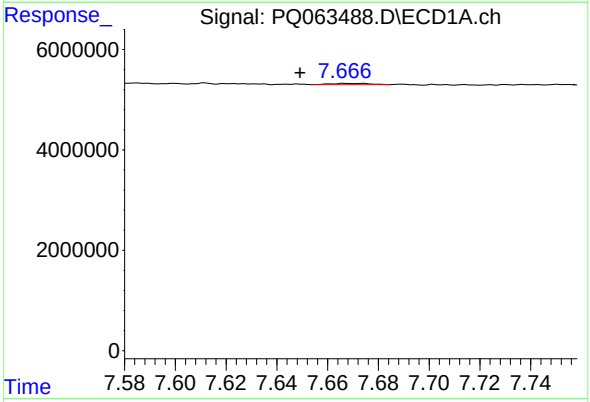
R.T.: 7.242 min
Delta R.T.: -0.054 min
Response: 8801973
Conc: 16.15 ng/ml

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



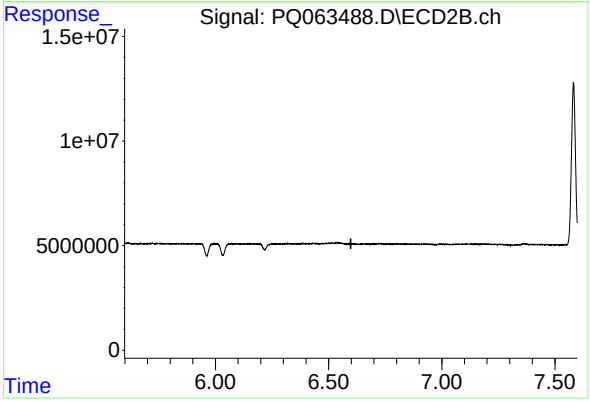

#37 AR-1262-2

R.T.: 6.269 min
Delta R.T.: 0.012 min
Response: 9649635
Conc: 18.62 ng/ml



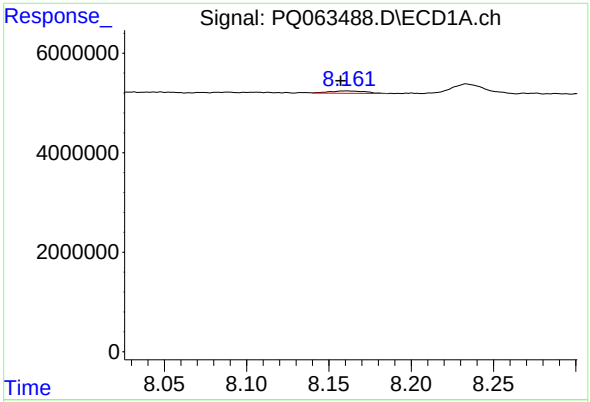

#39 AR-1262-4

R.T.: 7.673 min
Delta R.T.: 0.024 min
Response: 270800
Conc: 0.99 ng/ml




#39 AR-1262-4

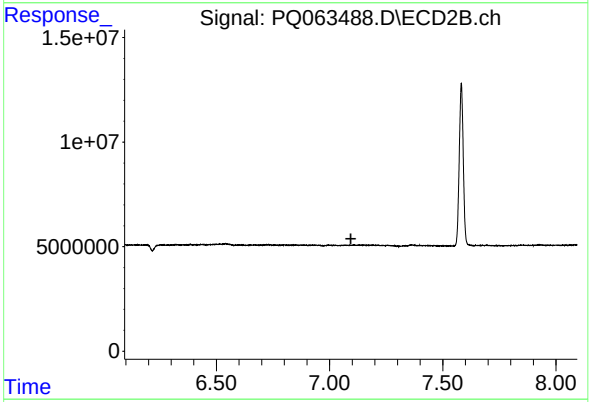
R.T.: 0.000 min
Exp R.T. : 6.599 min
Response: 0
Conc: N.D.




#40 AR-1262-5

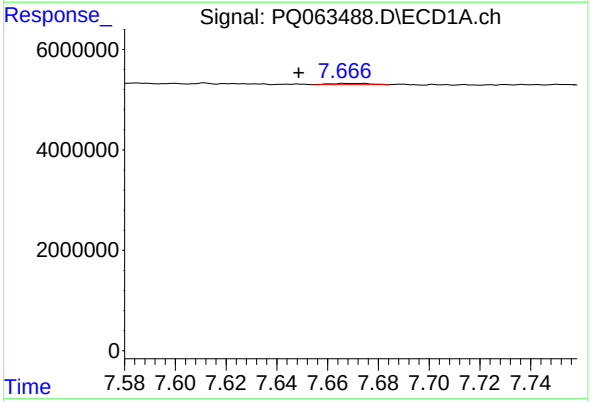
R.T.: 8.160 min
Delta R.T.: 0.003 min
Response: 748036
Conc: 4.04 ng/ml

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



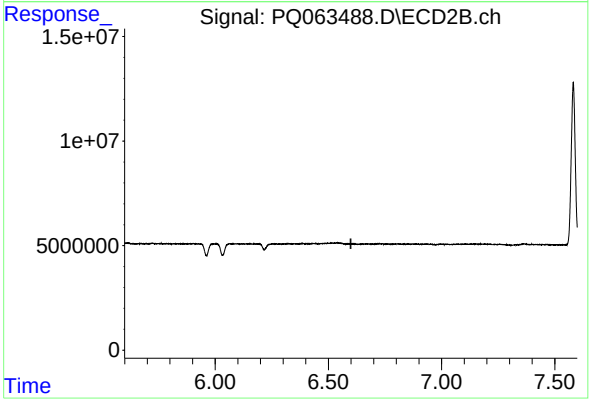

#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 7.094 min
Response: 0
Conc: N.D.



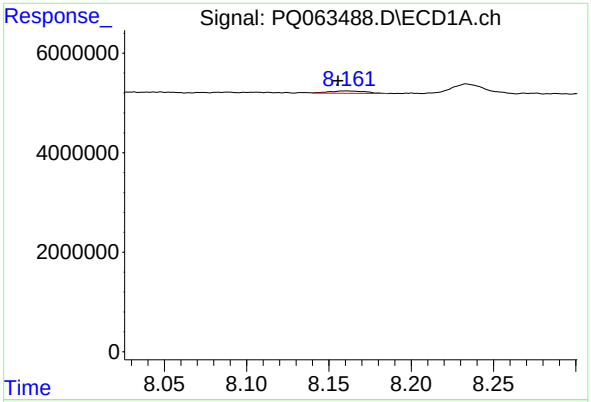

#42 AR-1268-2

R.T.: 7.673 min
Delta R.T.: 0.025 min
Response: 270800
Conc: 0.48 ng/ml




#42 AR-1268-2

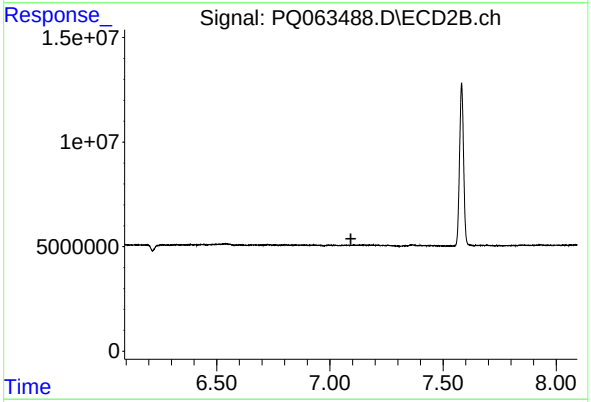
R.T.: 0.000 min
Exp R.T. : 6.600 min
Response: 0
Conc: N.D.




#44 AR-1268-4

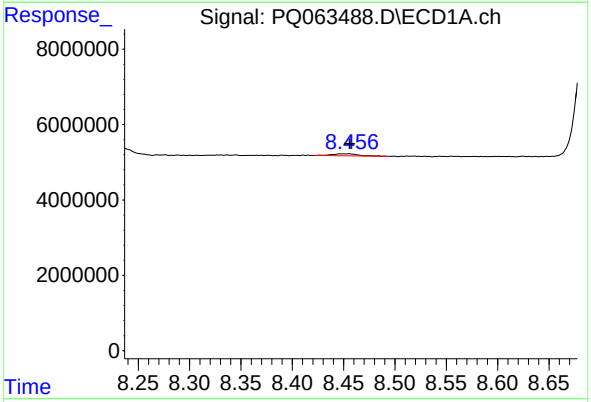
R.T.: 8.160 min
Delta R.T.: 0.005 min
Response: 748036
Conc: 3.69 ng/ml

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



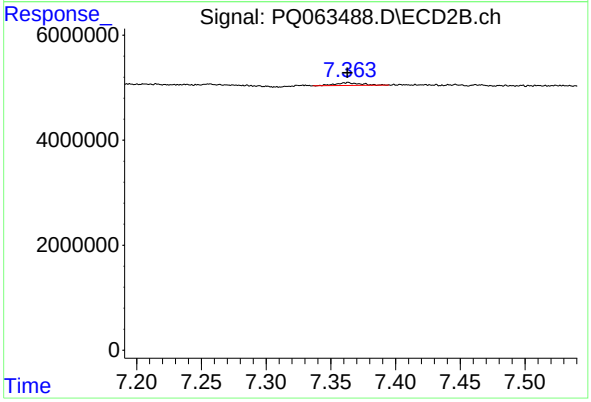

#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 7.093 min
Response: 0
Conc: N.D.




#45 AR-1268-5

R.T.: 8.455 min
Delta R.T.: 0.000 min
Response: 1027314
Conc: 0.72 ng/ml




#45 AR-1268-5

R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 700823
Conc: 0.49 ng/ml