Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031919\
Data File : PQ037993.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Mar 2019 11:08
Operator : SM\SJ
Sample : K1697-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** ECD_Q
**ClientSampleId :** SU-04-031119-B

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 20 00:50:49 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031819.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 19 04:23:19 2019
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... | 4.197 | 3.648 | 68035635 | 45523059 | 18.142 | 23.563 | # |
| 2) | SA Decachlor... | 9.617 | 8.517 | 99467658 | 35689644 | 16.802 | 12.430 | # |
| | Target Compounds | | | | | | | |
| 3) | L1 AR-1016-1 | 5.358 | 4.676 | 3158387 | 4276184 | 21.638 | 51.737 | # |
| 4) | L1 AR-1016-2 | 5.358 | 4.728 | 3158387 | 5987818 | 13.715 | 46.137 | # |
| 5) | L1 AR-1016-3 | 5.440 | 4.926 | 4892982 | 14887918 | 35.850 | 221.107 | # |
| 6) | L1 AR-1016-4 | 5.526 | 4.926 | 12211927 | 14887918 | 106.933 | 271.400 | # |
| 7) | L1 AR-1016-5 | 5.799 | 0.000 | 6656731 | 0 | 58.341 | N.D. | # |
| 8) | L2 AR-1221-1 | 4.417 | 0.000 | 498622 | 0 | 12.629 | N.D. | # |
| 9) | L2 AR-1221-2 | 4.495 | 0.000 | 2515729 | 0 | 82.235 | N.D. | # |
| 10) | L2 AR-1221-3 | 4.572 | 0.000 | 1087202 | 0 | 10.544 | N.D. | # |
| 11) | L3 AR-1232-1 | 4.572 | 0.000 | 1087202 | 0 | 13.030 | N.D. | # |
| 12) | L3 AR-1232-2 | 5.049 | 4.728 | 17184345 | 5987818 | 363.233 | 110.091 | # |
| 13) | L3 AR-1232-3 | 5.358 | 4.926 | 3158387 | 14887918 | 32.959 | 536.258 | # |
| 14) | L3 AR-1232-4 | 5.526 | 4.988 | 12211927 | 2819457 | 249.629 | 116.273 | # |
| 15) | L3 AR-1232-5 | 5.614 | 0.000 | 4103622 | 0 | 115.329 | N.D. | # |
| 16) | L4 AR-1242-1 | 5.318 | 4.676 | 674523 | 4276184 | 5.722 | 62.283 | # |
| 17) | L4 AR-1242-2 | 5.358 | 4.728 | 3158387 | 5987818 | 17.916 | 56.779 | # |
| 18) | L4 AR-1242-3 | 5.440 | 4.926 | 4892982 | 14887918 | 44.280 | 272.307 | # |
| 19) | L4 AR-1242-4 | 5.526 | 4.988 | 12211927 | 2819457 | 133.770 | 53.067 | # |
| 20) | L4 AR-1242-5 | 6.264 | 0.000 | 5801484 | 0 | 52.270 | N.D. | # |
| 21) | L5 AR-1248-1 | 5.318 | 4.676 | 674523 | 4276184 | 5.493 | 59.328 | # |
| 22) | L5 AR-1248-2 | 5.614 | 4.926 | 4103622 | 14887918 | 22.879 | 149.324 | # |
| 23) | L5 AR-1248-3 | 5.799 | 4.988 | 6656731 | 2819457 | 31.945 | 27.569 | |
| 24) | L5 AR-1248-4 | 6.195 | 0.000 | 11585013 | 0 | 46.378 | N.D. | # |
| 25) | L5 AR-1248-5 | 6.264 | 0.000 | 5801484 | 0 | 24.247 | N.D. | # |
| 26) | L6 AR-1254-1 | 6.170 | 0.000 | 8882374 | 0 | 60.310 | N.D. | # |
| 27) | L6 AR-1254-2 | 6.382 | 5.645 | 4511658 | 5482617 | 18.630 | 51.027 | # |
| 28) | L6 AR-1254-3 | 6.749 | 0.000 | 12346421 | 0 | 46.080 | N.D. | # |
| 29) | L6 AR-1254-4 | 7.011 | 0.000 | 3788949 | 0 | 16.682 | N.D. | # |
| 30) | L6 AR-1254-5 | 7.433 | 0.000 | 3263155 | 0 | 11.819 | N.D. | # |
| 31) | L7 AR-1260-1 | 6.890 | 0.000 | 2760541 | 0 | 11.494 | N.D. | # |
| 32) | L7 AR-1260-2 | 7.160 | 0.000 | 2272836 | 0 | 6.878 | N.D. | # |
| 33) | L7 AR-1260-3 | 7.503 | 0.000 | 1383962 | 0 | 4.798 | N.D. | # |
| 34) | L7 AR-1260-4 | 7.728 | 0.000 | 3136263 | 0 | 11.221 | N.D. | # |
| 35) | L7 AR-1260-5 | 8.032 | 0.000 | 3290895 | 0 | 4.834 | N.D. | # |
| 36) | L8 AR-1262-1 | 7.565 | 0.000 | 4103400 | 0 | 24.777 | N.D. | # |
| 37) | L8 AR-1262-2 | 8.032 | 0.000 | 3290895 | 0 | 4.209 | N.D. | # |
| 38) | L8 AR-1262-3 | 8.335 | 0.000 | 5478501 | 0 | 15.672 | N.D. | # |
| 39) | L8 AR-1262-4 | 8.392 | 0.000 | 1246155 | 0 | 3.072 | N.D. | # |
| 40) | L8 AR-1262-5 | 9.003 | 0.000 | 1605259 | 0 | 6.041 | N.D. | # |
| 41) | L9 AR-1268-1 | 8.335 | 0.000 | 5478501 | 0 | 5.841 | N.D. | # |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031919\
Data File : PQ037993.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Mar 2019 11:08
Operator : SM\SJ
Sample : K1697-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
SU-04-031119-B

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 20 00:50:49 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031819.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 19 04:23:19 2019
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 | |
|---|---|---|---|---|---|---|---|---|
| 42) | L9 AR-1268-2 | 8.392 | 0.000 | 1246155 | 0 | 1.451 | N.D. | # |
| 43) | L9 AR-1268-3 | 8.588 | 0.000 | 3200330 | 0 | 4.235 | N.D. | # |
| 44) | L9 AR-1268-4 | 9.003 | 0.000 | 1605259 | 0 | 5.573 | N.D. | # |
| 45) | L9 AR-1268-5 | 9.337 | 0.000 | 1146892 | 0 | 0.528 | N.D. | # |

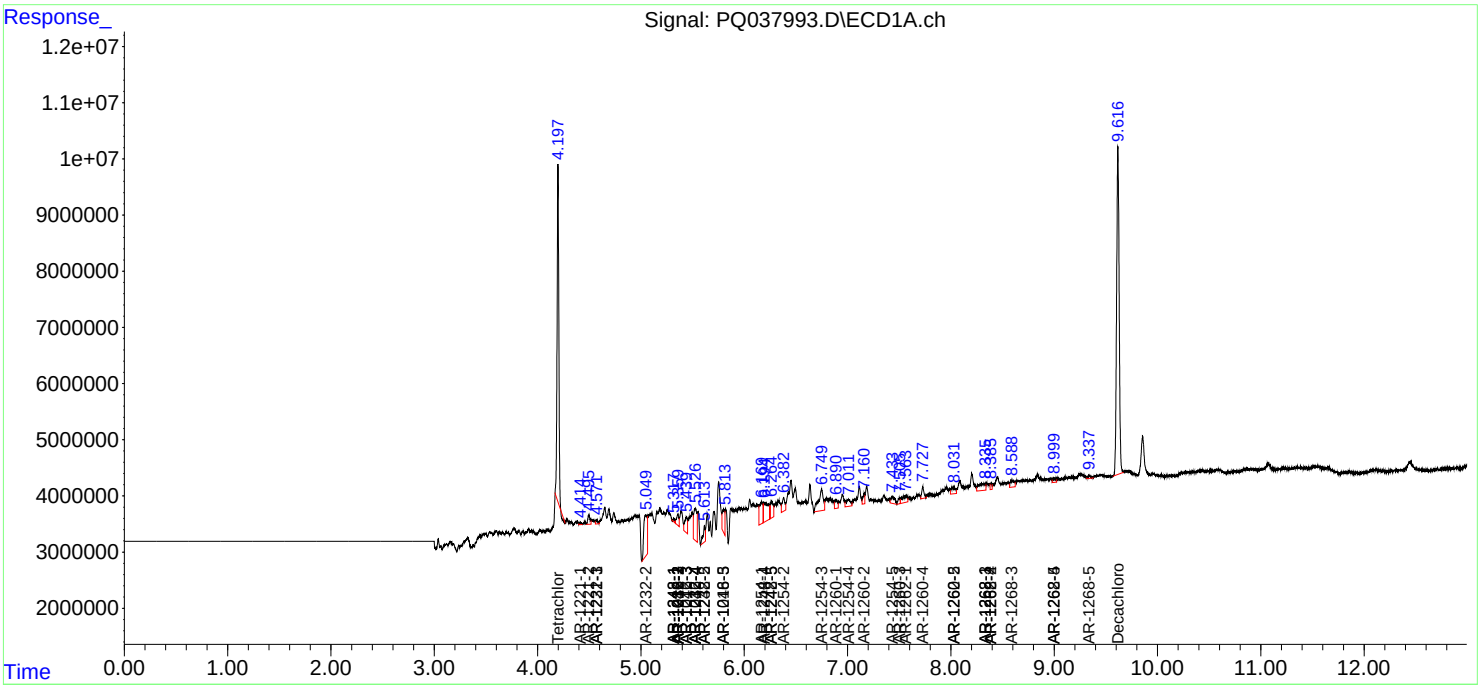
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

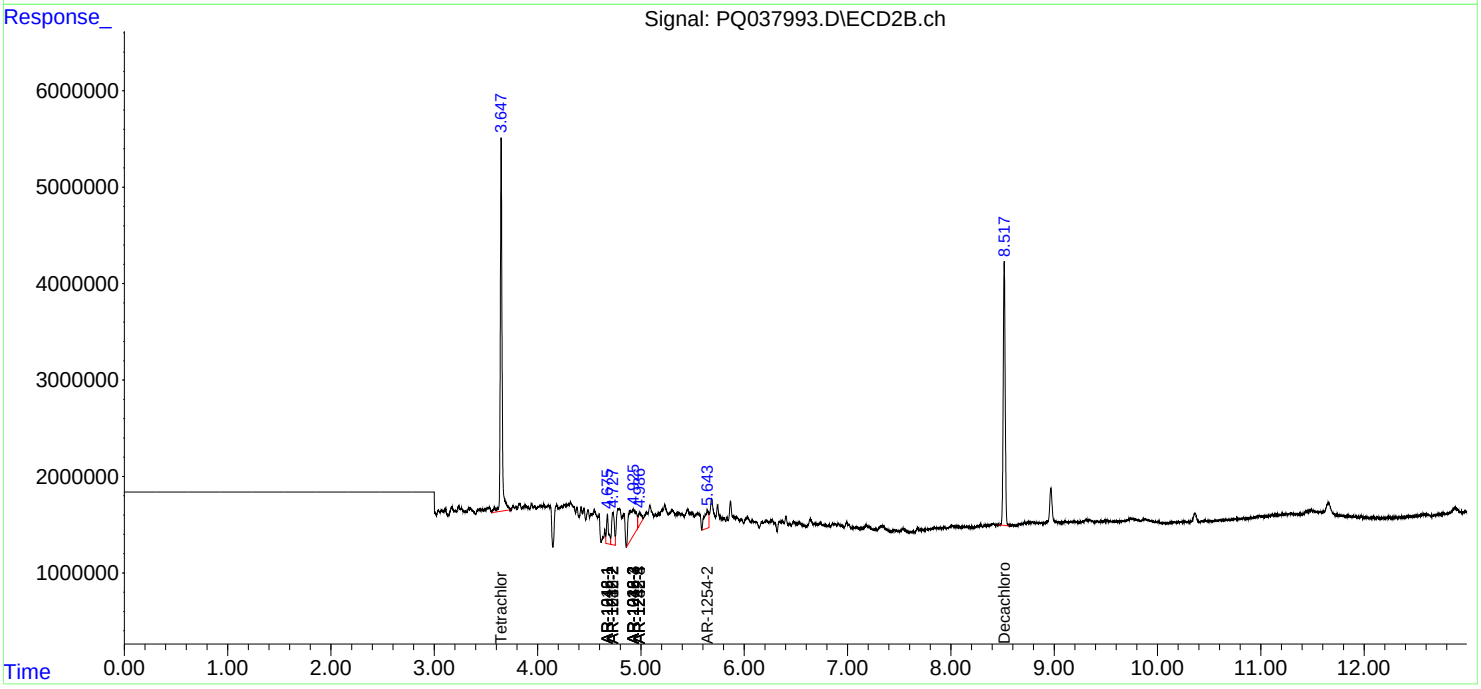
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031919\
Data File : PQ037993.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Mar 2019 11:08
Operator : SM\SJ
Sample : K1697-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

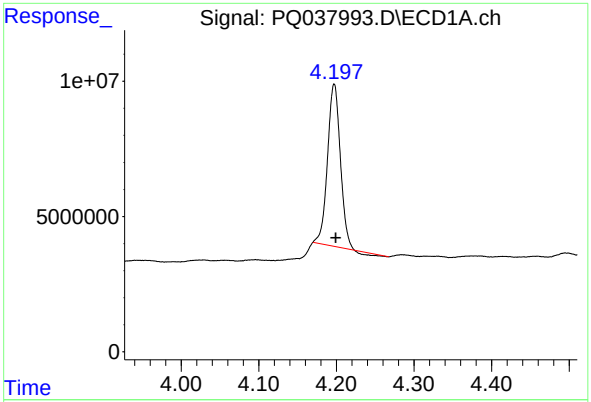
**Instrument :**
ECD_Q
**ClientSampleId :**
SU-04-031119-B

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 20 00:50:49 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031819.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 19 04:23:19 2019
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



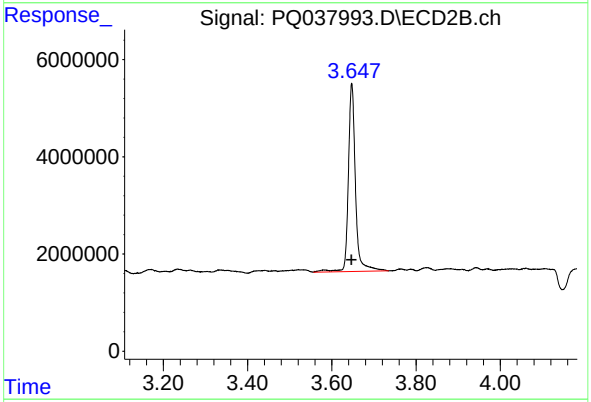






#1 Tetrachloro-m-xylene

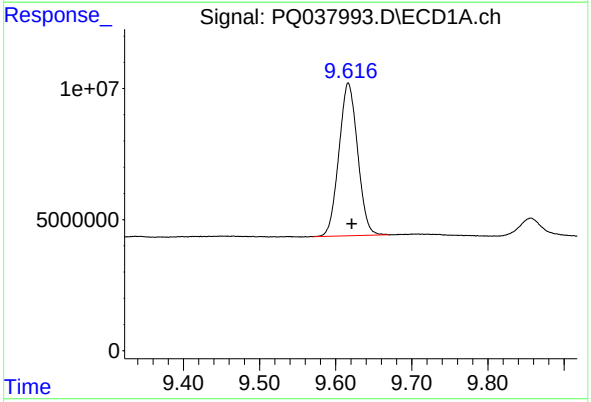
R.T.: 4.197 min
Delta R.T.: -0.002 min
Response: 68035635
Conc: 18.14 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SU-04-031119-B



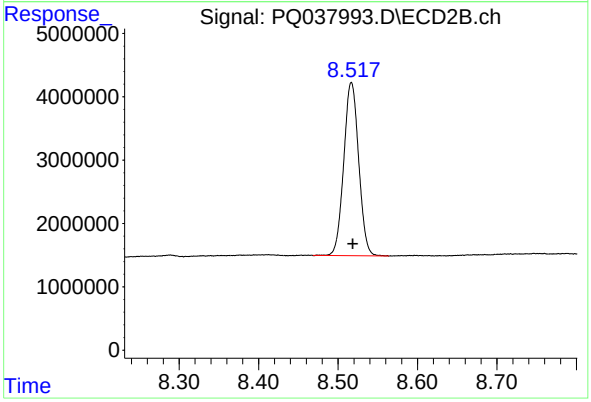

#1 Tetrachloro-m-xylene

R.T.: 3.648 min
Delta R.T.: 0.000 min
Response: 45523059
Conc: 23.56 ng/ml



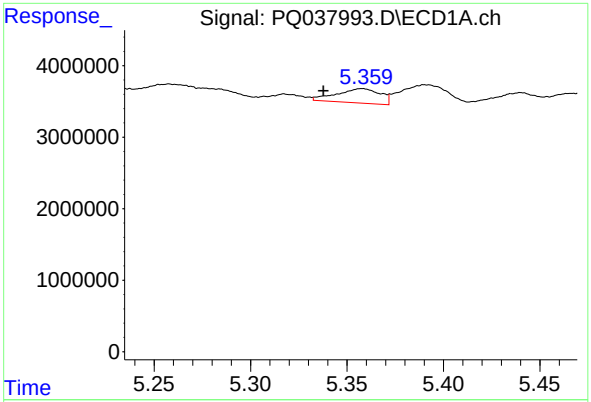

#2 Decachlorobiphenyl

R.T.: 9.617 min
Delta R.T.: -0.005 min
Response: 99467658
Conc: 16.80 ng/ml




#2 Decachlorobiphenyl

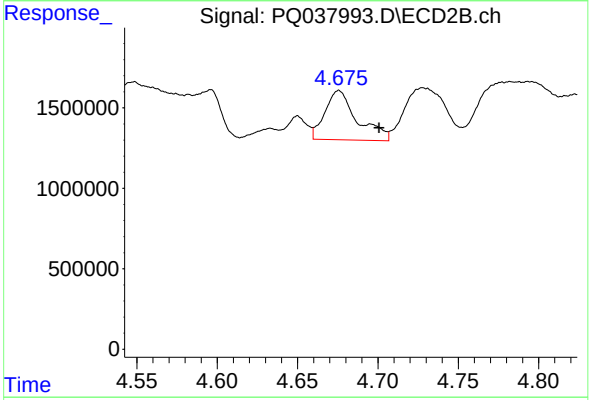
R.T.: 8.517 min
Delta R.T.: -0.002 min
Response: 35689644
Conc: 12.43 ng/ml




#3 AR-1016-1

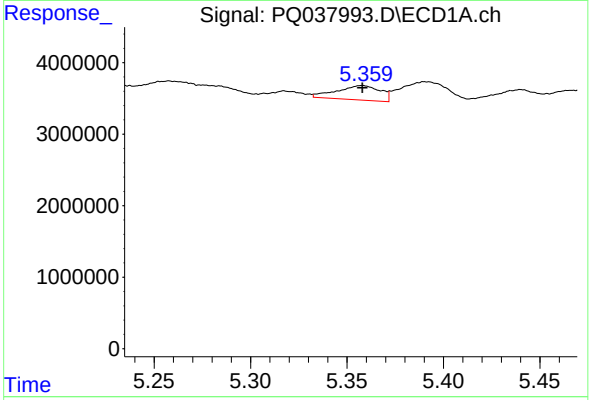
R.T.: 5.358 min
Delta R.T.: 0.020 min
Response: 3158387
Conc: 21.64 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SU-04-031119-B



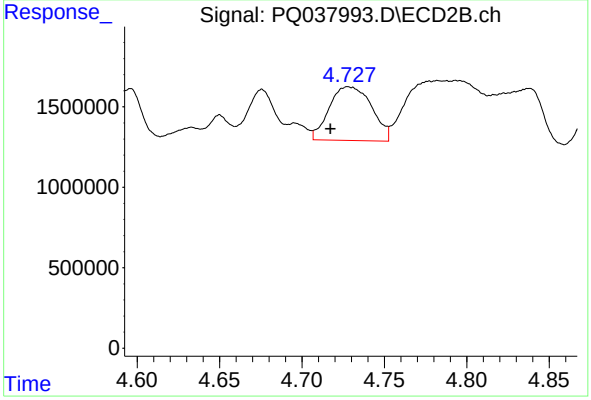

#3 AR-1016-1

R.T.: 4.676 min
Delta R.T.: -0.025 min
Response: 4276184
Conc: 51.74 ng/ml



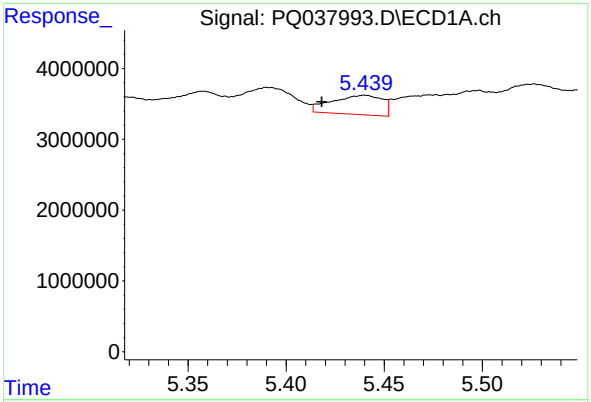

#4 AR-1016-2

R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 3158387
Conc: 13.72 ng/ml




#4 AR-1016-2

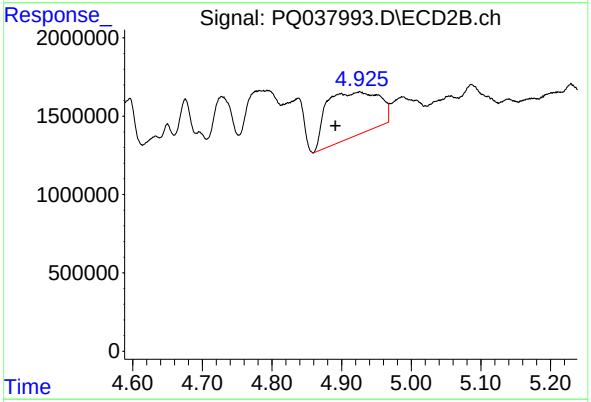
R.T.: 4.728 min
Delta R.T.: 0.011 min
Response: 5987818
Conc: 46.14 ng/ml




#5 AR-1016-3

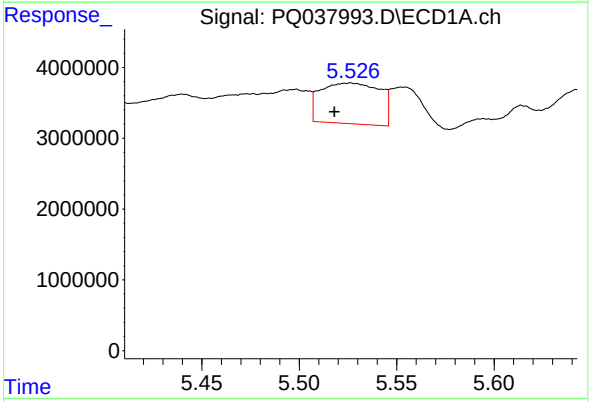
R.T.: 5.440 min
Delta R.T.: 0.022 min
Response: 4892982
Conc: 35.85 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SU-04-031119-B



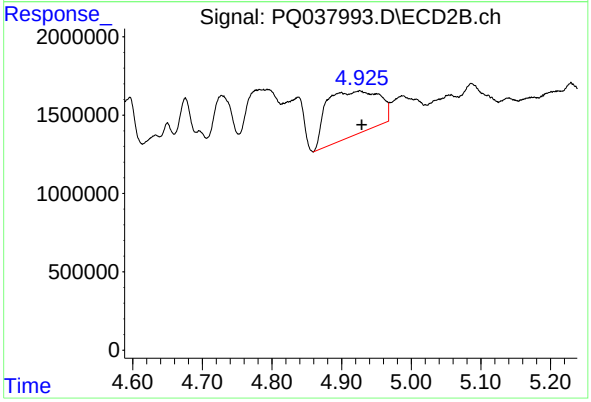

#5 AR-1016-3

R.T.: 4.926 min
Delta R.T.: 0.035 min
Response: 14887918
Conc: 221.11 ng/ml



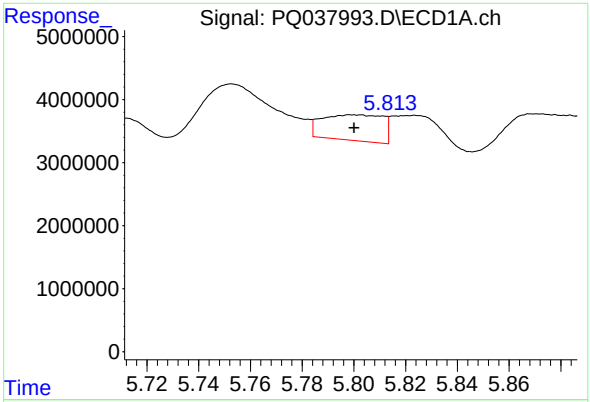

#6 AR-1016-4

R.T.: 5.526 min
Delta R.T.: 0.008 min
Response: 12211927
Conc: 106.93 ng/ml




#6 AR-1016-4

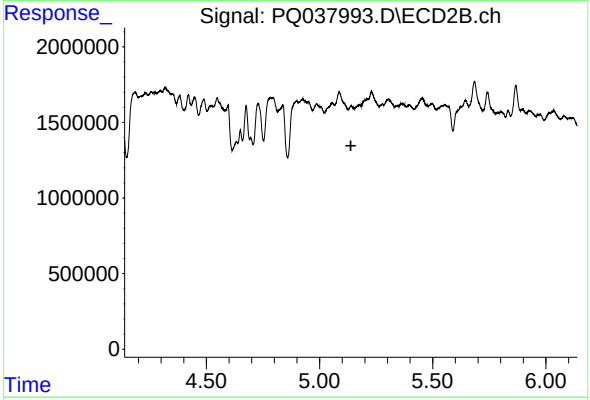
R.T.: 4.926 min
Delta R.T.: -0.003 min
Response: 14887918
Conc: 271.40 ng/ml




#7 AR-1016-5

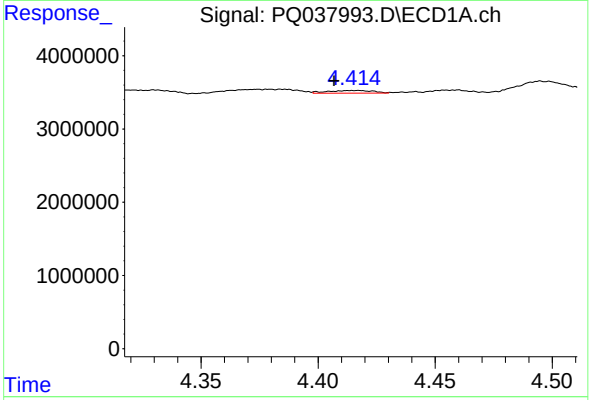
R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 6656731
Conc: 58.34 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SU-04-031119-B



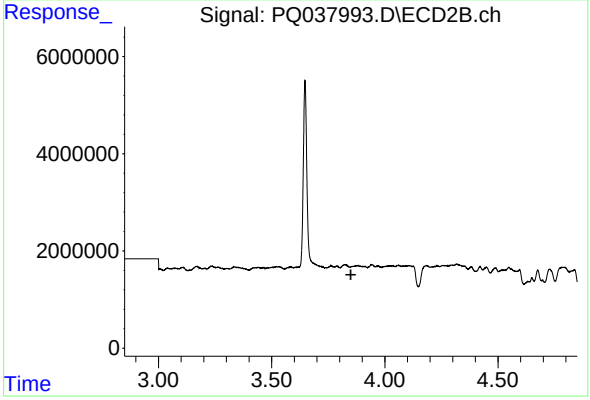

#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.139 min
Response: 0
Conc: N.D.



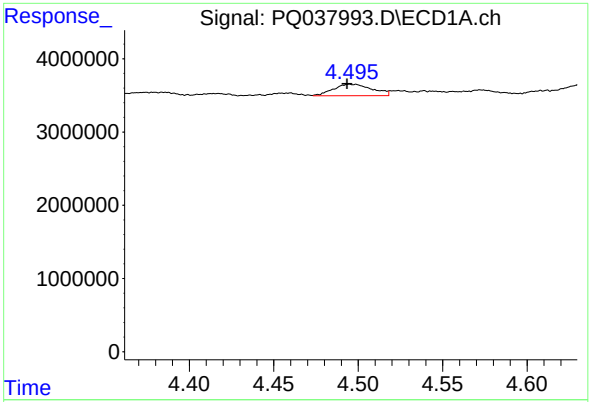

#8 AR-1221-1

R.T.: 4.417 min
Delta R.T.: 0.010 min
Response: 498622
Conc: 12.63 ng/ml




#8 AR-1221-1

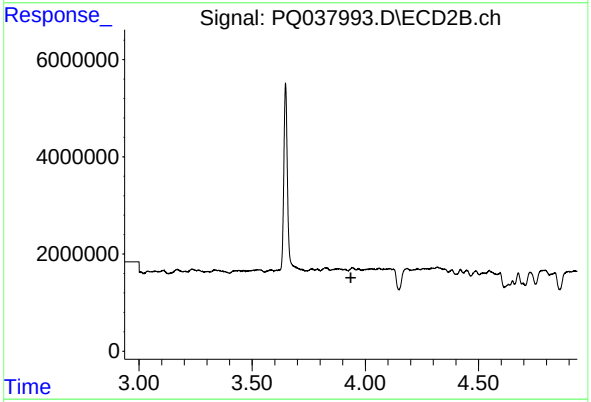
R.T.: 0.000 min
Exp R.T. : 3.850 min
Response: 0
Conc: N.D.




#9 AR-1221-2

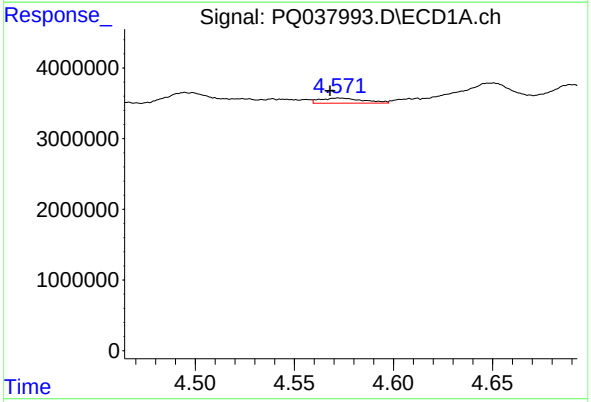
R.T.: 4.495 min
Delta R.T.: 0.002 min
Response: 2515729
Conc: 82.23 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SU-04-031119-B



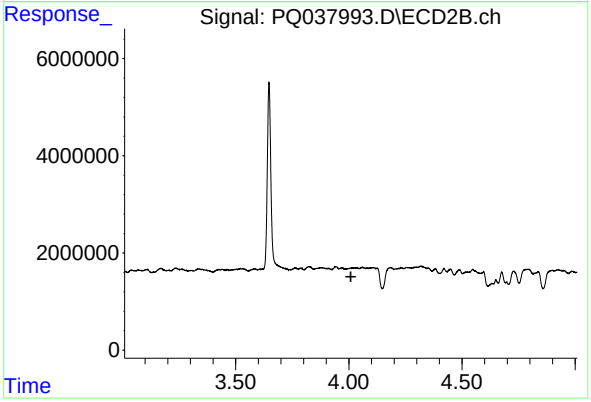

#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.936 min
Response: 0
Conc: N.D.



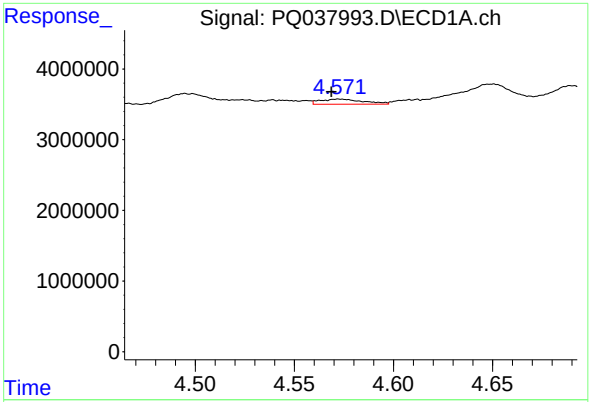

#10 AR-1221-3

R.T.: 4.572 min
Delta R.T.: 0.004 min
Response: 1087202
Conc: 10.54 ng/ml




#10 AR-1221-3

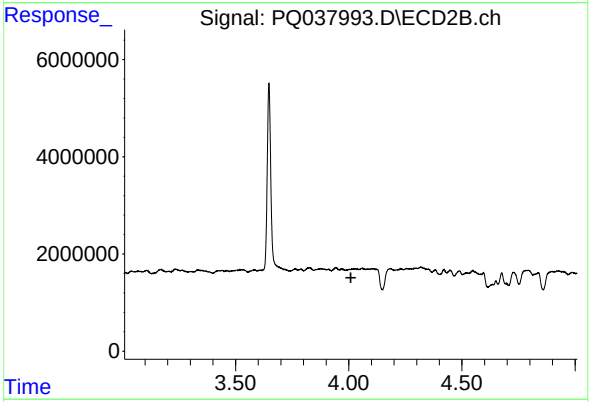
R.T.: 0.000 min
Exp R.T. : 4.009 min
Response: 0
Conc: N.D.




#11 AR-1232-1

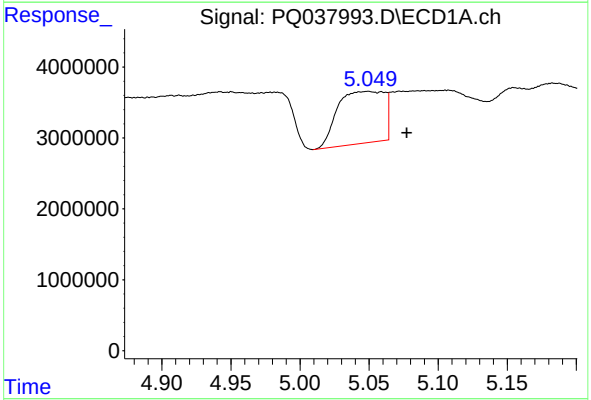
R.T.: 4.572 min
Delta R.T.: 0.004 min
Response: 1087202
Conc: 13.03 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SU-04-031119-B



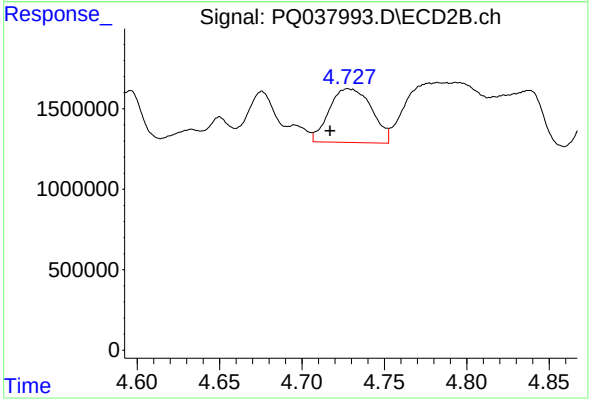

#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.009 min
Response: 0
Conc: N.D.



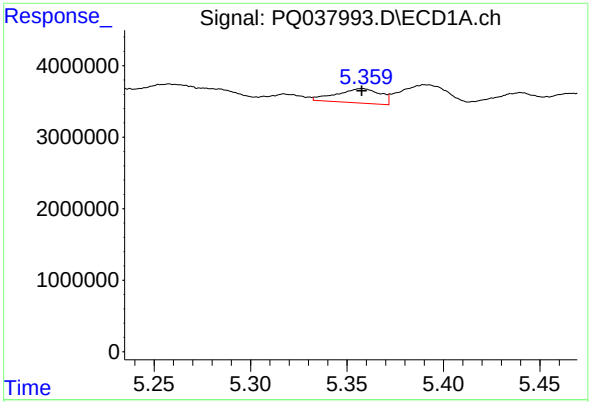

#12 AR-1232-2

R.T.: 5.049 min
Delta R.T.: -0.028 min
Response: 17184345
Conc: 363.23 ng/ml




#12 AR-1232-2

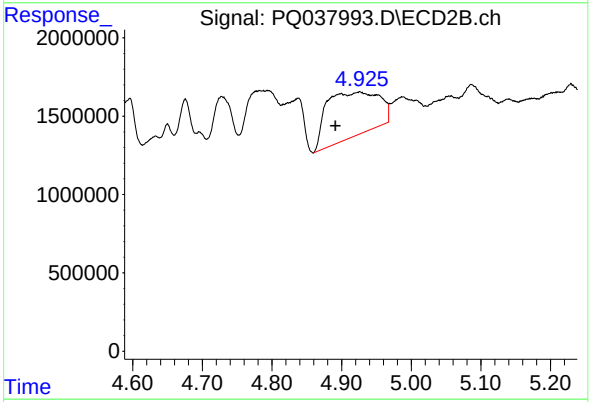
R.T.: 4.728 min
Delta R.T.: 0.011 min
Response: 5987818
Conc: 110.09 ng/ml




#13 AR-1232-3

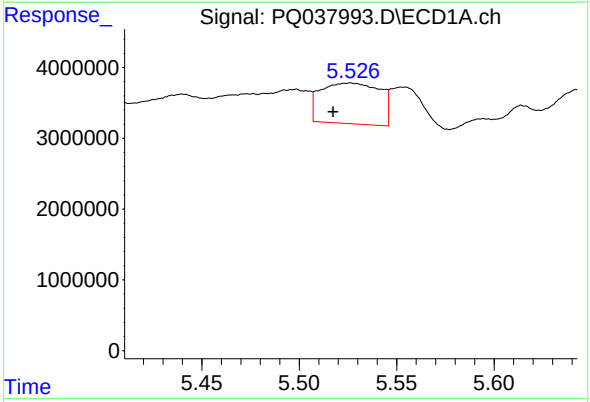
R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 3158387
Conc: 32.96 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SU-04-031119-B



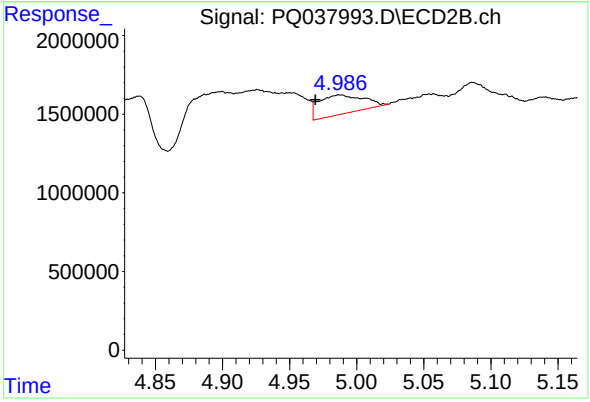

#13 AR-1232-3

R.T.: 4.926 min
Delta R.T.: 0.035 min
Response: 14887918
Conc: 536.26 ng/ml



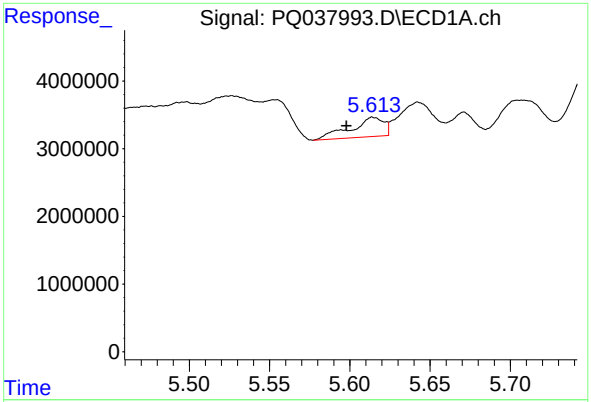

#14 AR-1232-4

R.T.: 5.526 min
Delta R.T.: 0.009 min
Response: 12211927
Conc: 249.63 ng/ml




#14 AR-1232-4

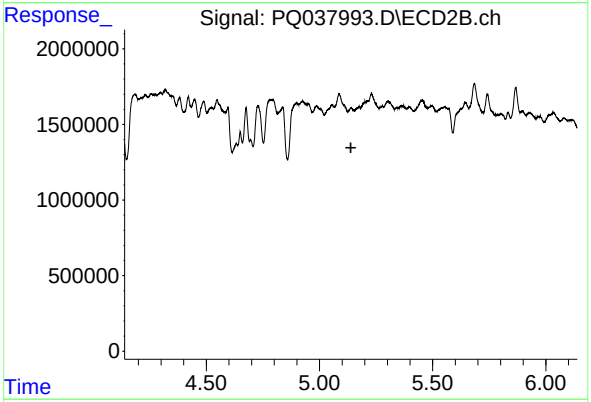
R.T.: 4.988 min
Delta R.T.: 0.018 min
Response: 2819457
Conc: 116.27 ng/ml




#15 AR-1232-5

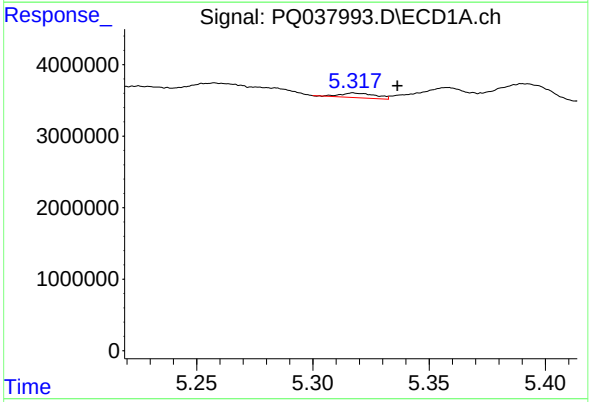
R.T.: 5.614 min
Delta R.T.: 0.016 min
Response: 4103622
Conc: 115.33 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SU-04-031119-B



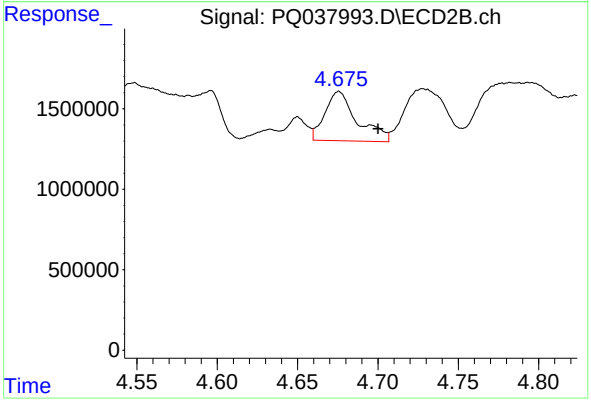

#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.139 min
Response: 0
Conc: N.D.



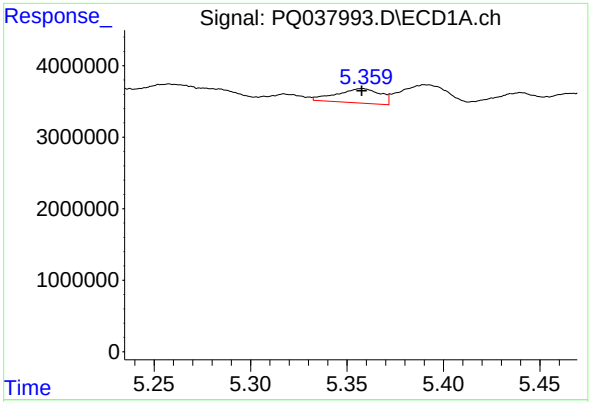

#16 AR-1242-1

R.T.: 5.318 min
Delta R.T.: -0.019 min
Response: 674523
Conc: 5.72 ng/ml




#16 AR-1242-1

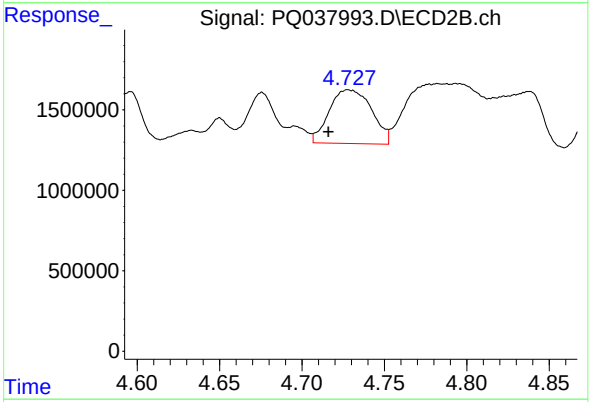
R.T.: 4.676 min
Delta R.T.: -0.024 min
Response: 4276184
Conc: 62.28 ng/ml




#17 AR-1242-2

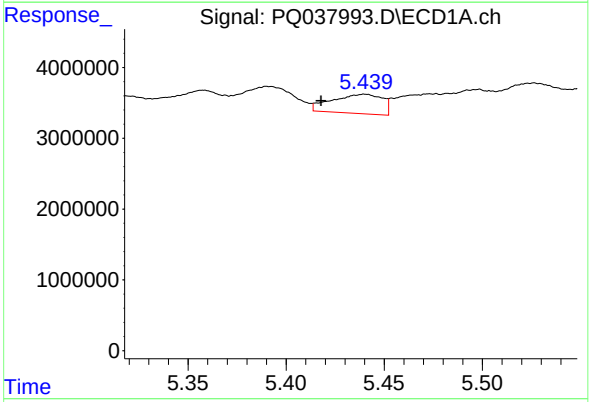
R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 3158387
Conc: 17.92 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SU-04-031119-B



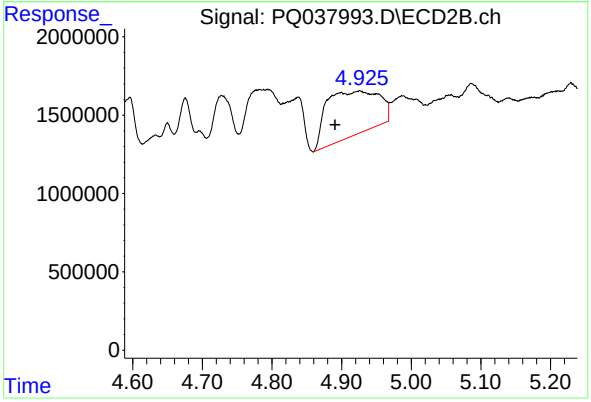

#17 AR-1242-2

R.T.: 4.728 min
Delta R.T.: 0.012 min
Response: 5987818
Conc: 56.78 ng/ml



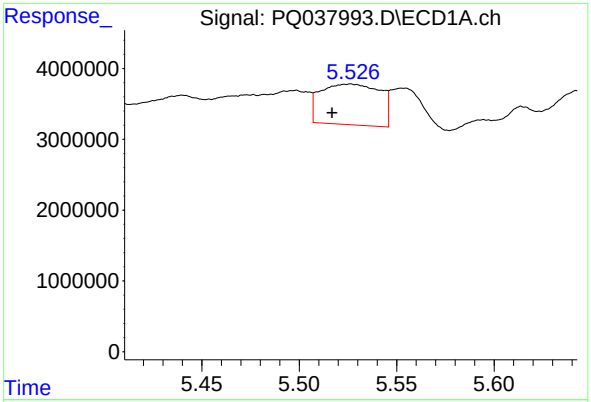

#18 AR-1242-3

R.T.: 5.440 min
Delta R.T.: 0.022 min
Response: 4892982
Conc: 44.28 ng/ml




#18 AR-1242-3

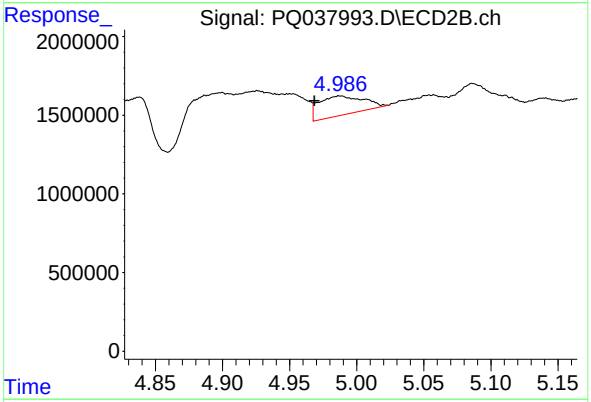
R.T.: 4.926 min
Delta R.T.: 0.035 min
Response: 14887918
Conc: 272.31 ng/ml




#19 AR-1242-4

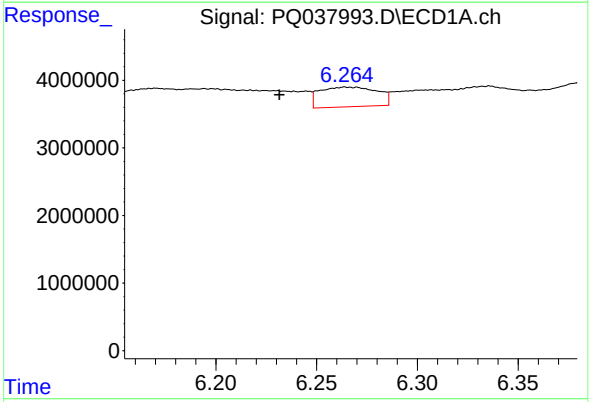
R.T.: 5.526 min
Delta R.T.: 0.009 min
Response: 12211927
Conc: 133.77 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SU-04-031119-B



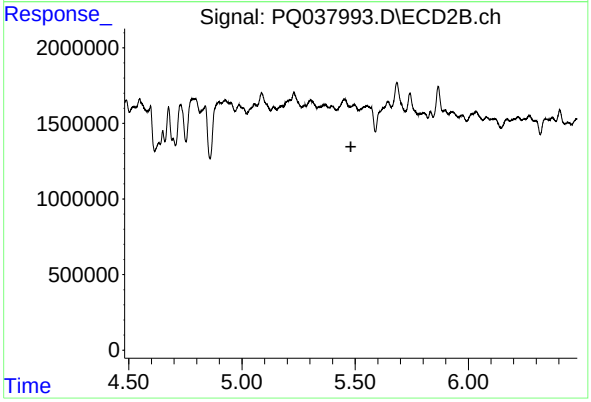

#19 AR-1242-4

R.T.: 4.988 min
Delta R.T.: 0.019 min
Response: 2819457
Conc: 53.07 ng/ml



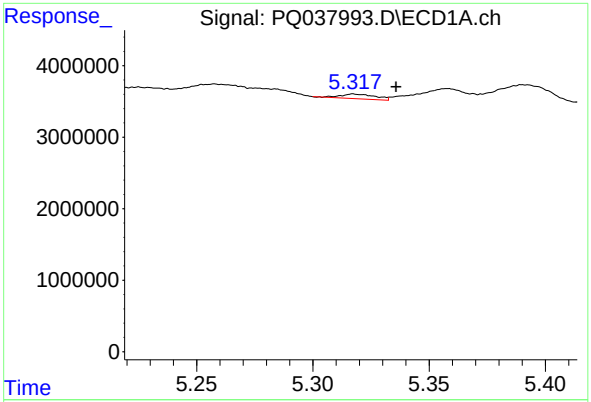

#20 AR-1242-5

R.T.: 6.264 min
Delta R.T.: 0.033 min
Response: 5801484
Conc: 52.27 ng/ml




#20 AR-1242-5

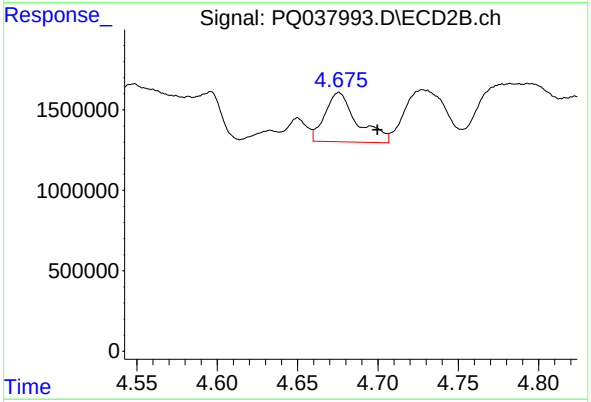
R.T.: 0.000 min
Exp R.T. : 5.481 min
Response: 0
Conc: N.D.




#21 AR-1248-1

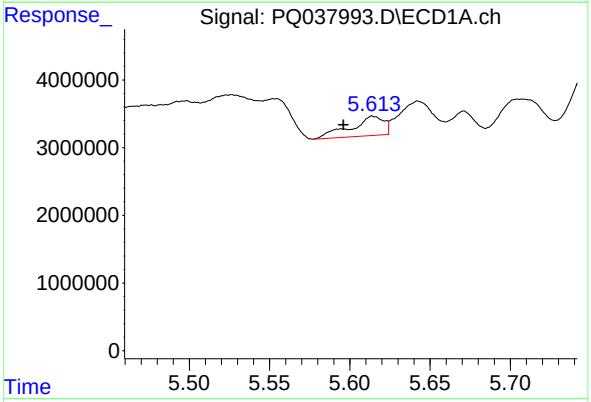
R.T.: 5.318 min
Delta R.T.: -0.018 min
Response: 674523
Conc: 5.49 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SU-04-031119-B



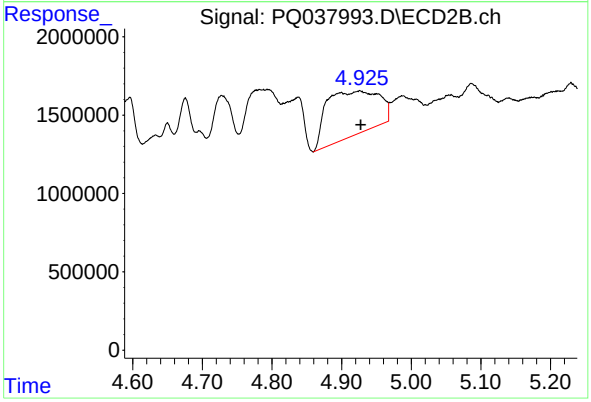

#21 AR-1248-1

R.T.: 4.676 min
Delta R.T.: -0.024 min
Response: 4276184
Conc: 59.33 ng/ml



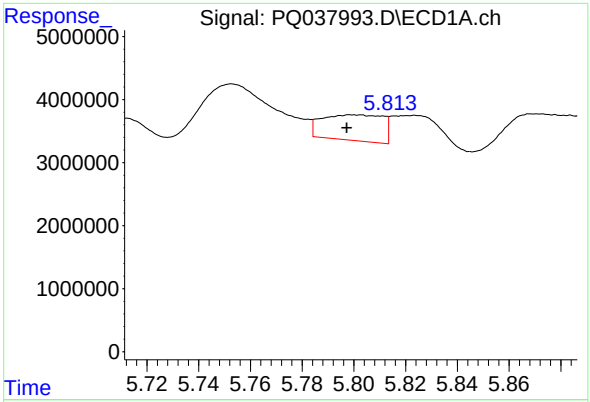

#22 AR-1248-2

R.T.: 5.614 min
Delta R.T.: 0.018 min
Response: 4103622
Conc: 22.88 ng/ml




#22 AR-1248-2

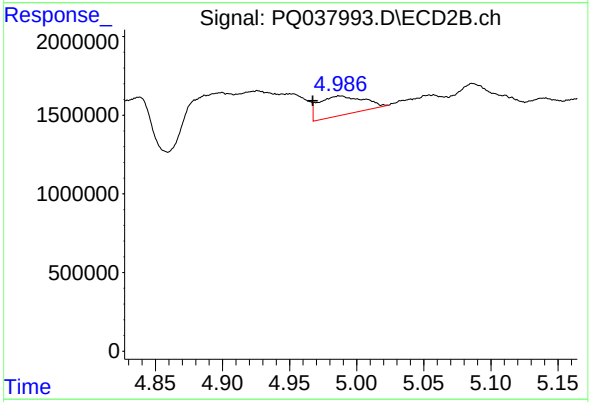
R.T.: 4.926 min
Delta R.T.: -0.002 min
Response: 14887918
Conc: 149.32 ng/ml




#23 AR-1248-3

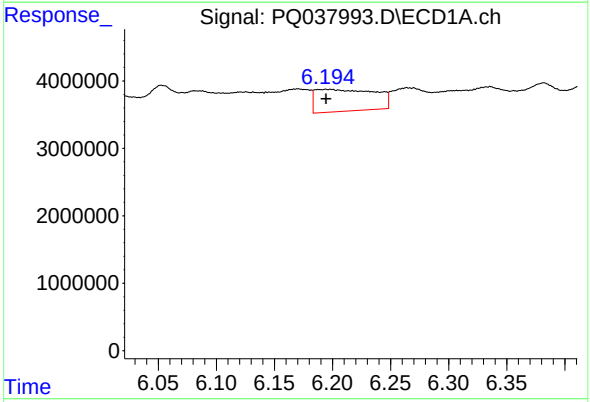
R.T.: 5.799 min
Delta R.T.: 0.002 min
Response: 6656731
Conc: 31.95 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SU-04-031119-B



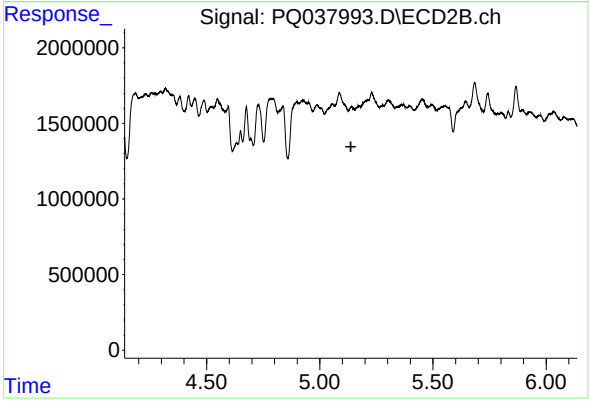

#23 AR-1248-3

R.T.: 4.988 min
Delta R.T.: 0.021 min
Response: 2819457
Conc: 27.57 ng/ml



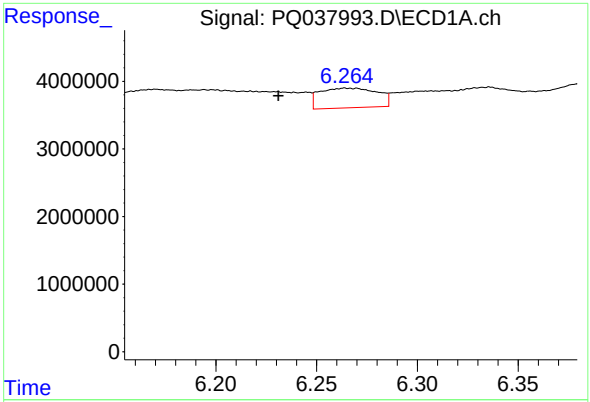

#24 AR-1248-4

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 11585013
Conc: 46.38 ng/ml




#24 AR-1248-4

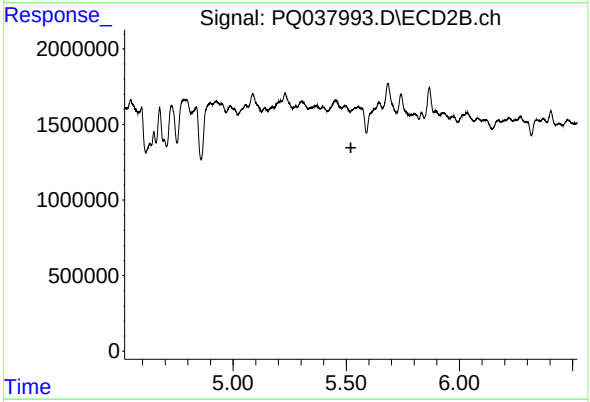
R.T.: 0.000 min
Exp R.T. : 5.137 min
Response: 0
Conc: N.D.




#25 AR-1248-5

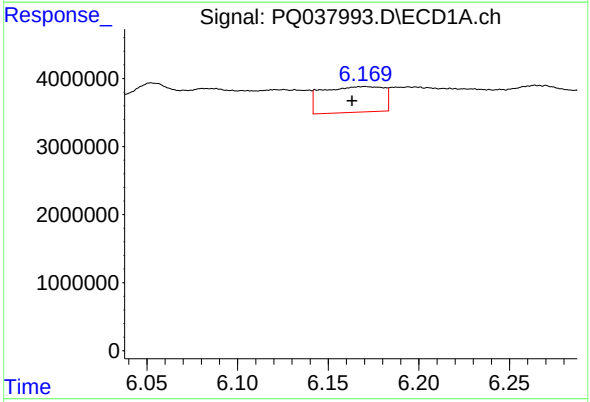
R.T.: 6.264 min
Delta R.T.: 0.033 min
Response: 5801484
Conc: 24.25 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SU-04-031119-B



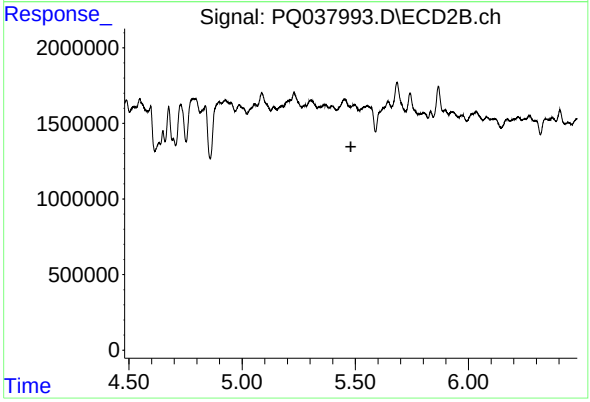

#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.521 min
Response: 0
Conc: N.D.



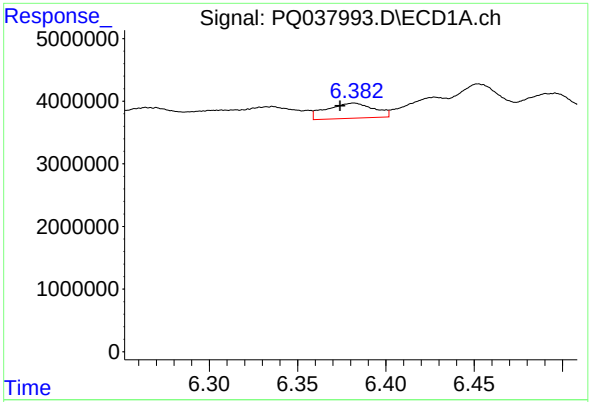

#26 AR-1254-1

R.T.: 6.170 min
Delta R.T.: 0.007 min
Response: 8882374
Conc: 60.31 ng/ml




#26 AR-1254-1

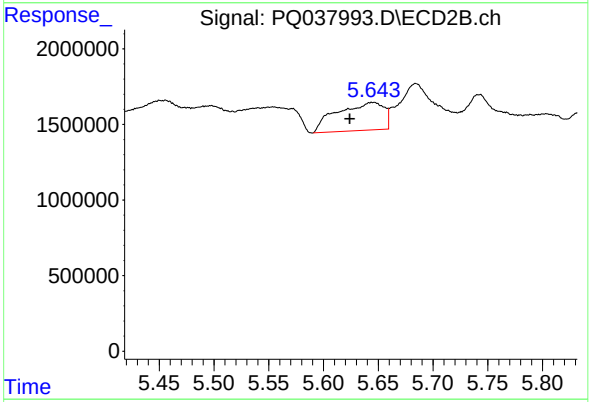
R.T.: 0.000 min
Exp R.T. : 5.480 min
Response: 0
Conc: N.D.




#27 AR-1254-2

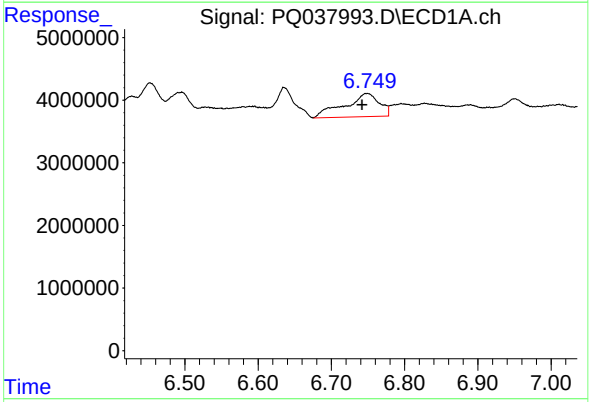
R.T.: 6.382 min
Delta R.T.: 0.008 min
Response: 4511658
Conc: 18.63 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SU-04-031119-B



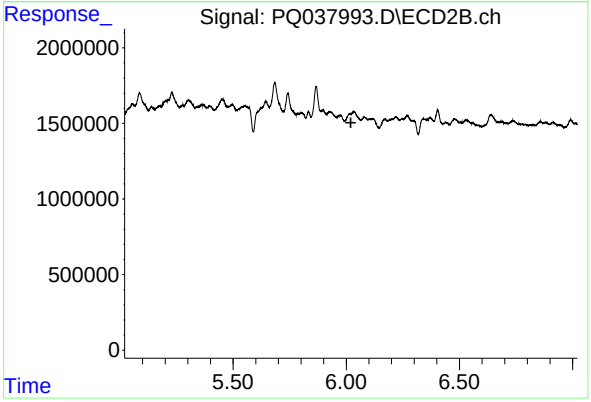

#27 AR-1254-2

R.T.: 5.645 min
Delta R.T.: 0.021 min
Response: 5482617
Conc: 51.03 ng/ml



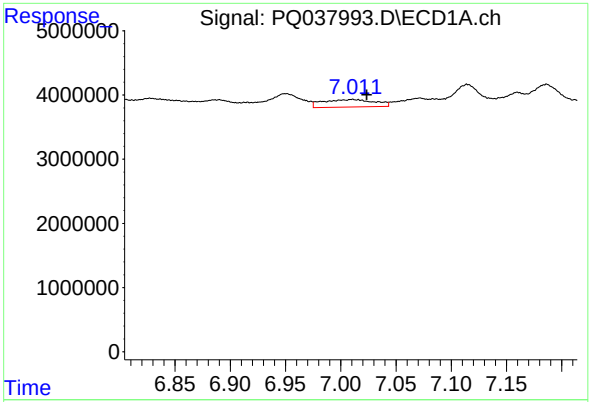

#28 AR-1254-3

R.T.: 6.749 min
Delta R.T.: 0.008 min
Response: 12346421
Conc: 46.08 ng/ml




#28 AR-1254-3

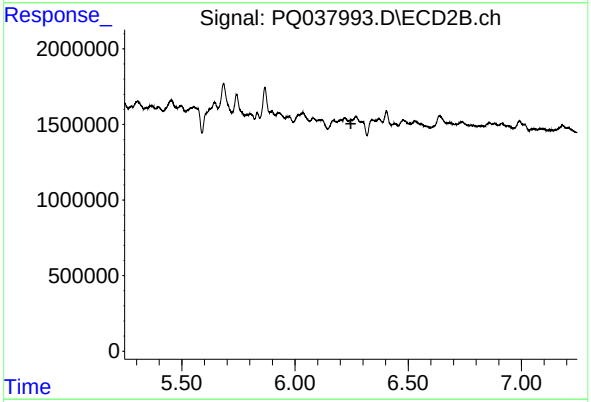
R.T.: 0.000 min
Exp R.T. : 6.021 min
Response: 0
Conc: N.D.




#29 AR-1254-4

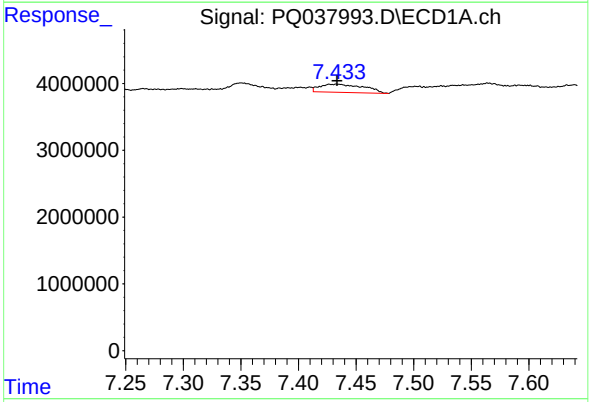
R.T.: 7.011 min
Delta R.T.: -0.013 min
Response: 3788949
Conc: 16.68 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SU-04-031119-B



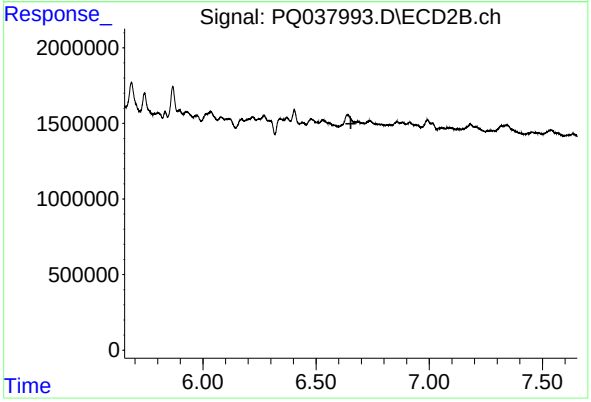

#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.247 min
Response: 0
Conc: N.D.



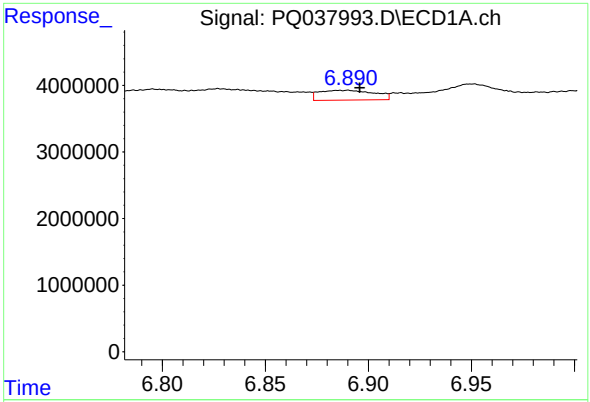

#30 AR-1254-5

R.T.: 7.433 min
Delta R.T.: 0.000 min
Response: 3263155
Conc: 11.82 ng/ml




#30 AR-1254-5

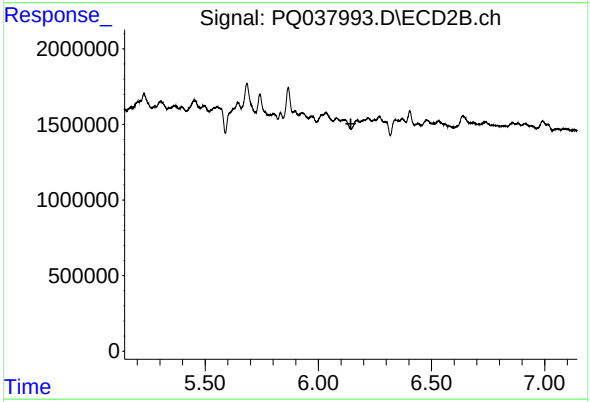
R.T.: 0.000 min
Exp R.T. : 6.654 min
Response: 0
Conc: N.D.




#31 AR-1260-1

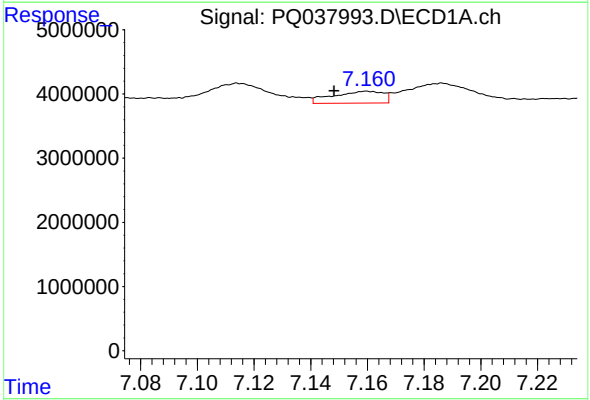
R.T.: 6.890 min
Delta R.T.: -0.006 min
Response: 2760541
Conc: 11.49 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SU-04-031119-B



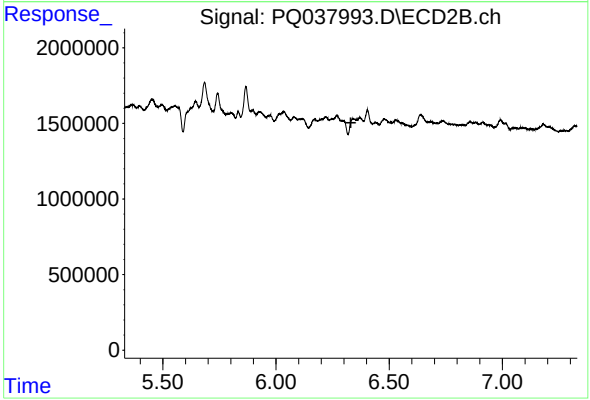

#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.144 min
Response: 0
Conc: N.D.



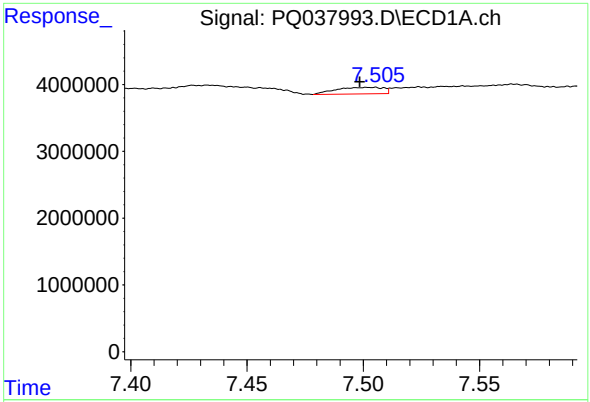

#32 AR-1260-2

R.T.: 7.160 min
Delta R.T.: 0.012 min
Response: 2272836
Conc: 6.88 ng/ml




#32 AR-1260-2

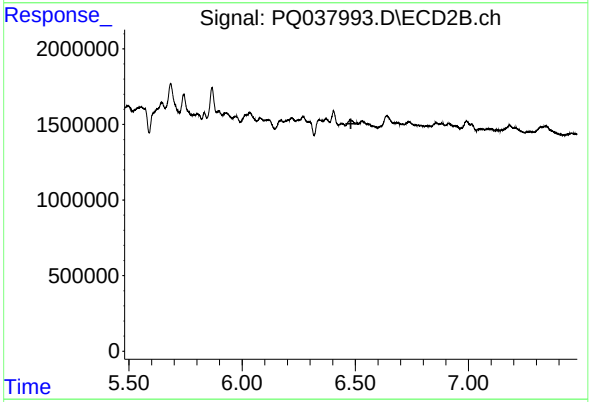
R.T.: 0.000 min
Exp R.T. : 6.331 min
Response: 0
Conc: N.D.




#33 AR-1260-3

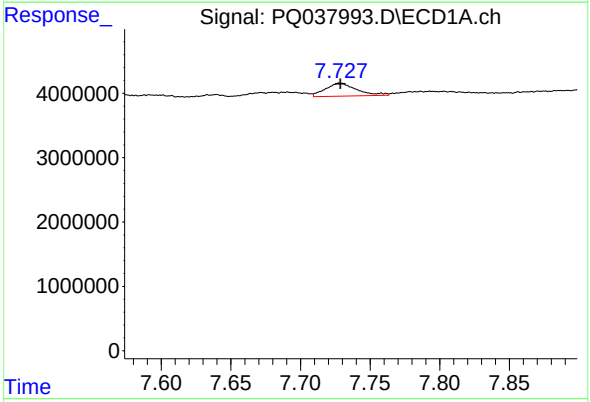
R.T.: 7.503 min
Delta R.T.: 0.005 min
Response: 1383962
Conc: 4.80 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SU-04-031119-B



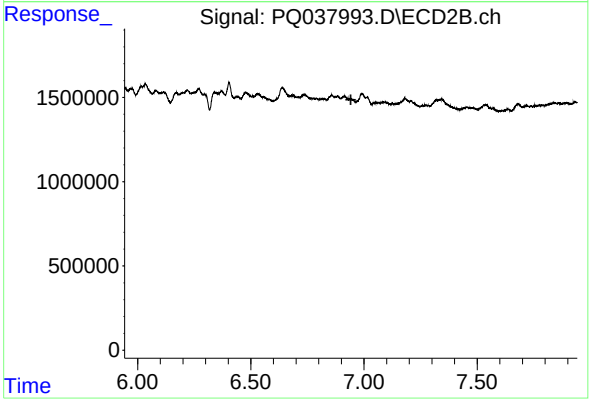

#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.480 min
Response: 0
Conc: N.D.



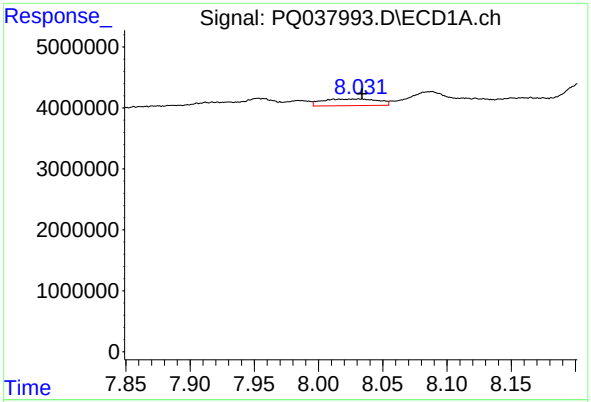

#34 AR-1260-4

R.T.: 7.728 min
Delta R.T.: 0.000 min
Response: 3136263
Conc: 11.22 ng/ml




#34 AR-1260-4

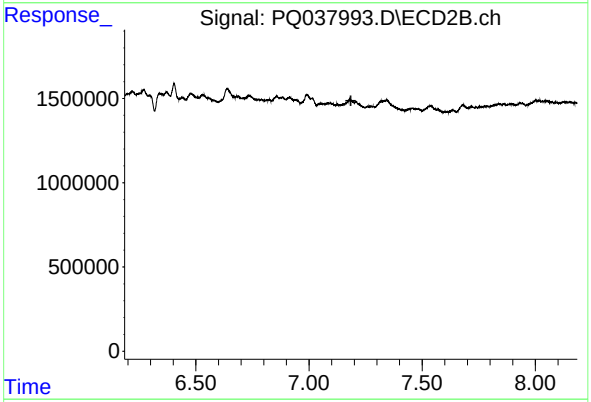
R.T.: 0.000 min
Exp R.T. : 6.942 min
Response: 0
Conc: N.D.




#35 AR-1260-5

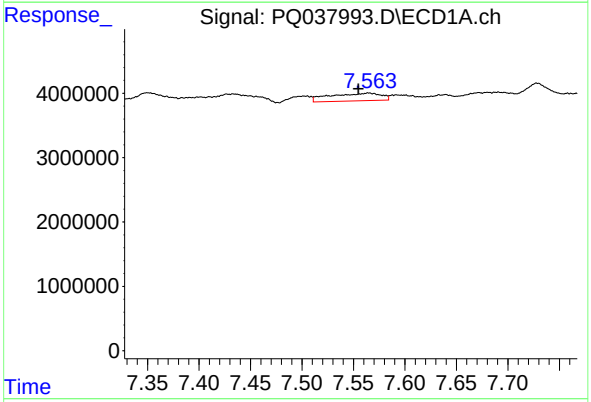
R.T.: 8.032 min
Delta R.T.: -0.002 min
Response: 3290895
Conc: 4.83 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SU-04-031119-B



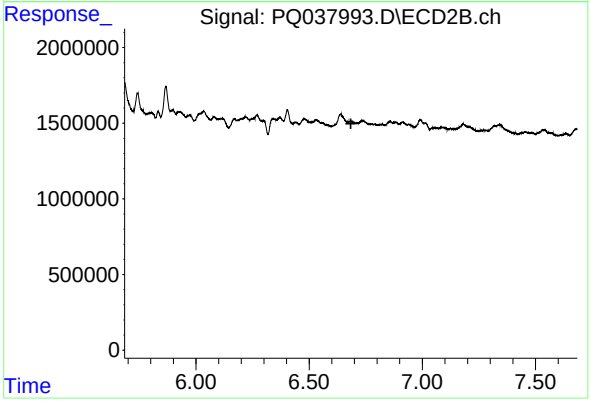

#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.185 min
Response: 0
Conc: N.D.



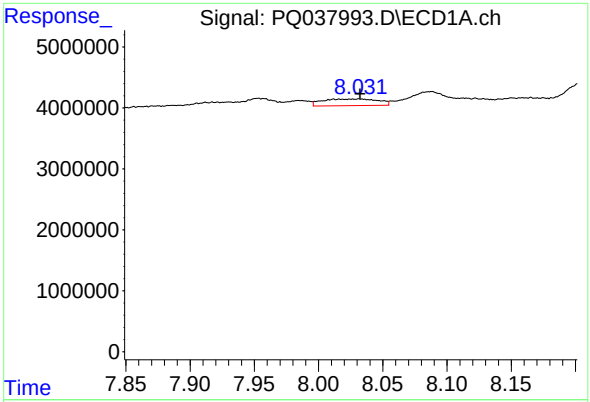

#36 AR-1262-1

R.T.: 7.565 min
Delta R.T.: 0.010 min
Response: 4103400
Conc: 24.78 ng/ml




#36 AR-1262-1

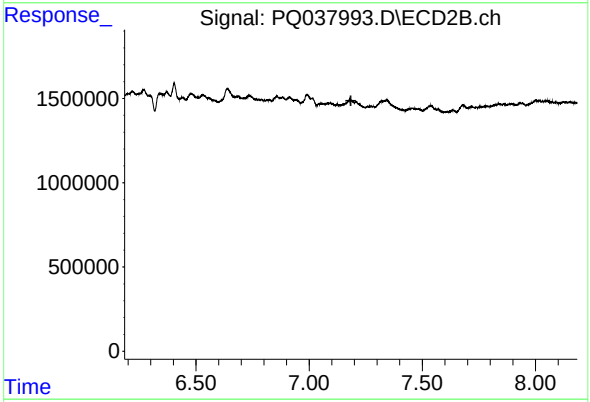
R.T.: 0.000 min
Exp R.T. : 6.685 min
Response: 0
Conc: N.D.




#37 AR-1262-2

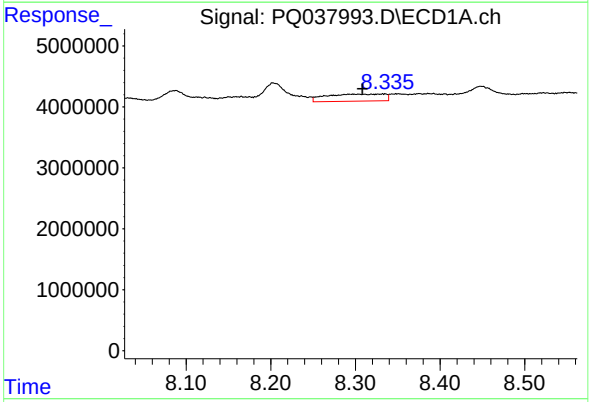
R.T.: 8.032 min
Delta R.T.: 0.000 min
Response: 3290895
Conc: 4.21 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SU-04-031119-B



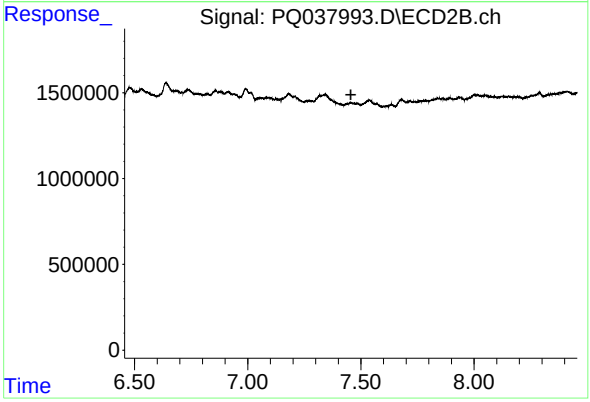

#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.185 min
Response: 0
Conc: N.D.



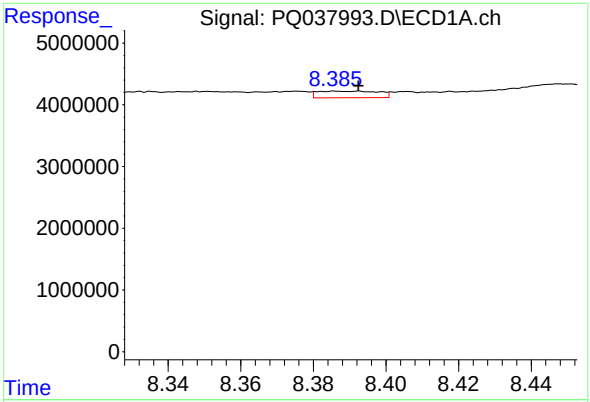

#38 AR-1262-3

R.T.: 8.335 min
Delta R.T.: 0.026 min
Response: 5478501
Conc: 15.67 ng/ml




#38 AR-1262-3

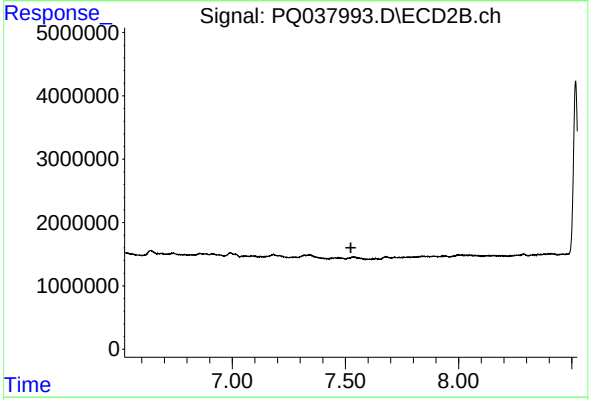
R.T.: 0.000 min
Exp R.T. : 7.456 min
Response: 0
Conc: N.D.




#39 AR-1262-4

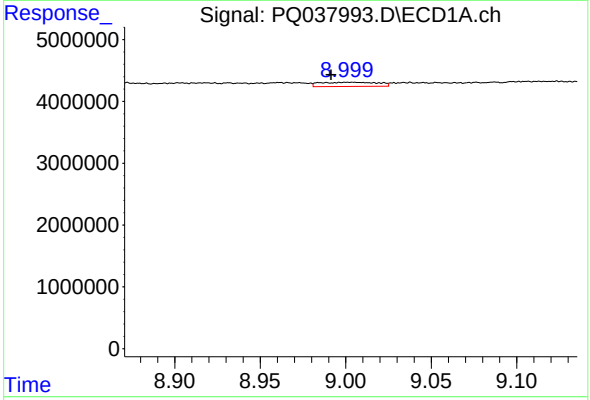
R.T.: 8.392 min
Delta R.T.: 0.000 min
Response: 1246155
Conc: 3.07 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SU-04-031119-B



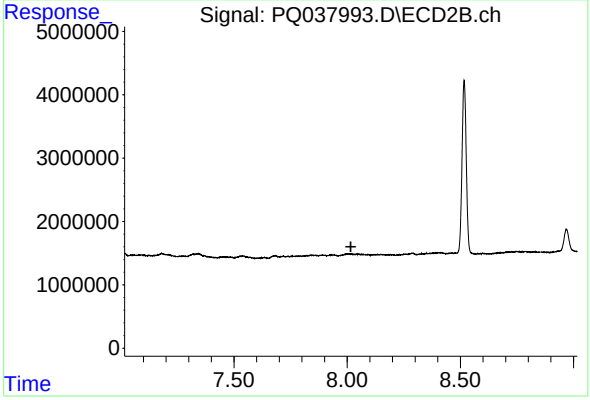

#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.524 min
Response: 0
Conc: N.D.



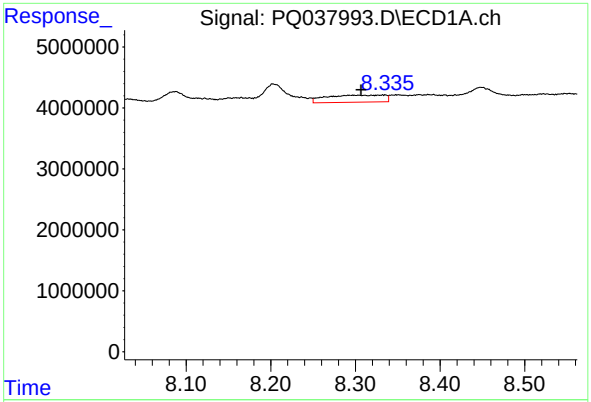

#40 AR-1262-5

R.T.: 9.003 min
Delta R.T.: 0.012 min
Response: 1605259
Conc: 6.04 ng/ml




#40 AR-1262-5

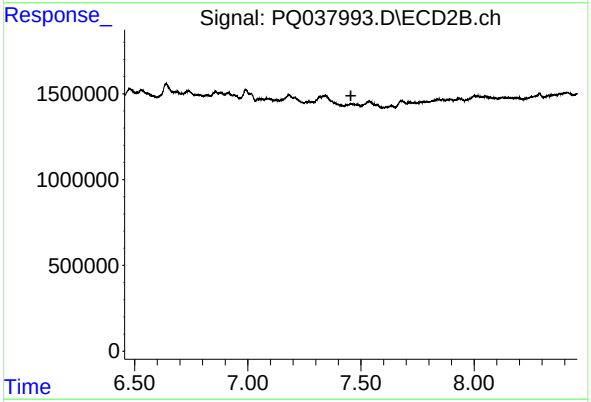
R.T.: 0.000 min
Exp R.T. : 8.016 min
Response: 0
Conc: N.D.




#41 AR-1268-1

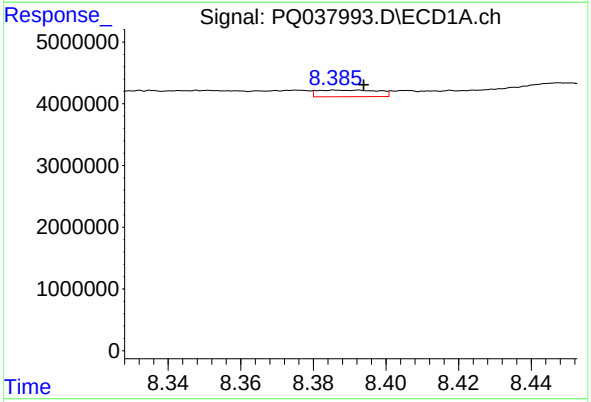
R.T.: 8.335 min
Delta R.T.: 0.028 min
Response: 5478501
Conc: 5.84 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SU-04-031119-B



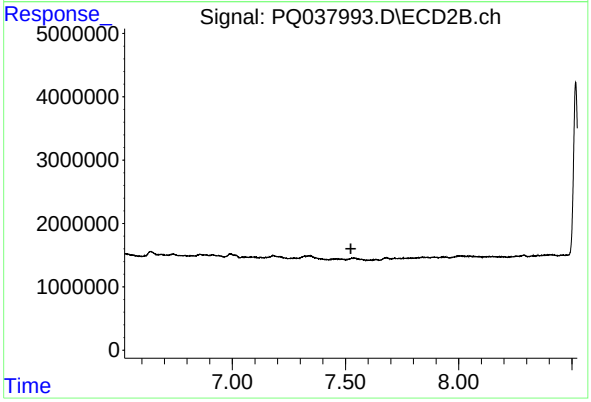

#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.456 min
Response: 0
Conc: N.D.



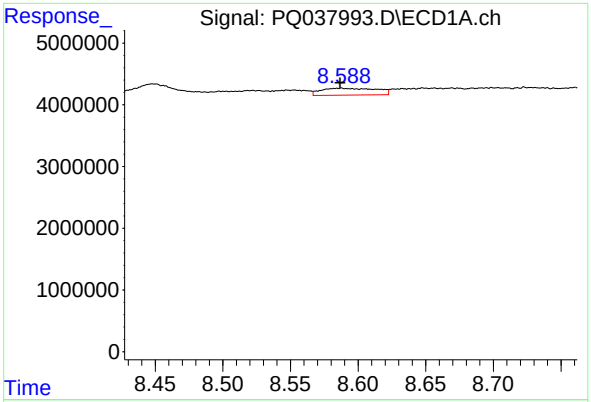

#42 AR-1268-2

R.T.: 8.392 min
Delta R.T.: -0.002 min
Response: 1246155
Conc: 1.45 ng/ml




#42 AR-1268-2

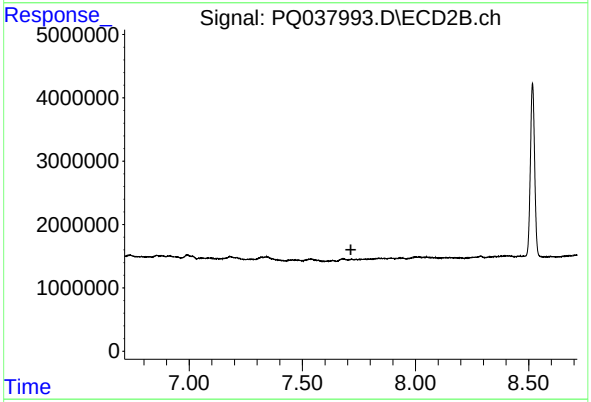
R.T.: 0.000 min
Exp R.T. : 7.524 min
Response: 0
Conc: N.D.




#43 AR-1268-3

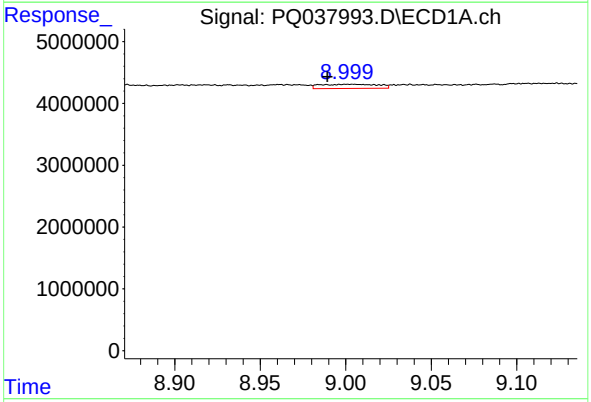
R.T.: 8.588 min
Delta R.T.: 0.000 min
Response: 3200330
Conc: 4.23 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SU-04-031119-B



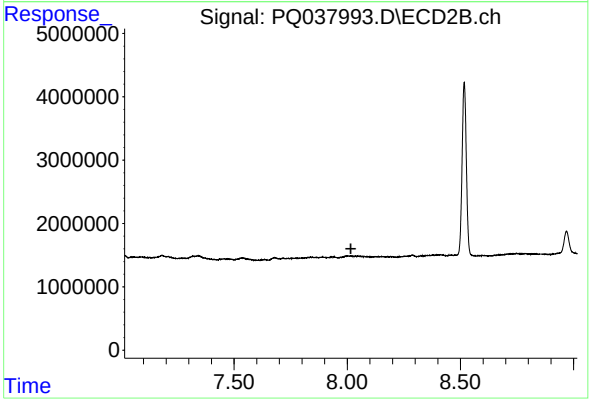

#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.714 min
Response: 0
Conc: N.D.



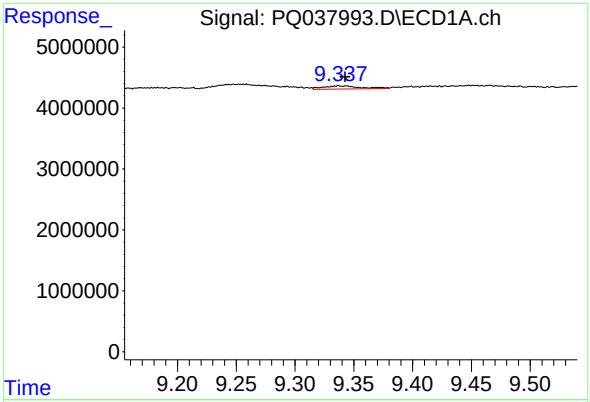

#44 AR-1268-4

R.T.: 9.003 min
Delta R.T.: 0.014 min
Response: 1605259
Conc: 5.57 ng/ml




#44 AR-1268-4

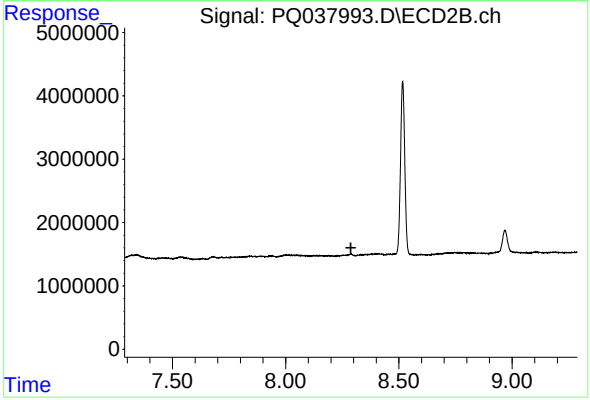
R.T.: 0.000 min
Exp R.T. : 8.016 min
Response: 0
Conc: N.D.




#45 AR-1268-5

R.T.: 9.337 min
Delta R.T.: -0.006 min
Response: 1146892
Conc: 0.53 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SU-04-031119-B




#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.288 min
Response: 0
Conc: N.D.