

Data Path : P:\HPCHEM1\ECD_Q\Data\PQ052118\
 Data File : PQ028999.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2018 18:00
 Operator : UA/SM
 Sample : PB109467BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 06:49:38 2018
 Quant Method : P:\HPCHEM1\ECD_Q\Method\PQ051018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 11 08:47:35 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...	4.604	3.769	2085.5E6	237.9E6	25.236	26.607
2)	SA Decachlor...	10.341	8.712	1056.7E6	156.4E6	17.331	13.464
Target Compounds							
3)	L1 AR-1016-1	4.908	4.632	28664475	1006297	21.665	4.122 #
4)	L1 AR-1016-2	0.000	5.033	0	364351	N.D.	1.329 #
5)	L1 AR-1016-3	0.000	5.074	0	1140534	N.D.	5.344 #
6)	L1 AR-1016-4	0.000	5.110	0	579319	N.D.	2.218 #
7)	L1 AR-1016-5	0.000	5.286	0	911661	N.D.	3.153 #
8)	L2 AR-1221-1	0.000	3.978	0	648857	N.D.	3.248 #
9)	L2 AR-1221-2	4.908	4.067	28664475	5269477	22.042	35.359 #
10)	L2 AR-1221-3	4.908	4.136	28664475	1548057	6.845	3.371 #
11)	L3 AR-1232-1	4.908	4.136	28664475	1548057	16.917	7.368 #
12)	L3 AR-1232-2	0.000	4.917	0	799379	N.D.	4.309 #
13)	L3 AR-1232-3	0.000	5.033	0	364351	N.D.	2.628 #
14)	L3 AR-1232-4	0.000	5.286	0	911661	N.D.	6.207 #
15)	L3 AR-1232-5	0.000	5.643	0	1961044	N.D.	12.010 #
16)	L4 AR-1242-1	0.000	4.632	0	1006297	N.D.	5.177 #
17)	L4 AR-1242-2	0.000	4.844	0	1853866	N.D.	4.074 #
18)	L4 AR-1242-3	0.000	5.033	0	364351	N.D.	1.755 #
19)	L4 AR-1242-4	0.000	5.110	0	579319	N.D.	2.868 #
20)	L4 AR-1242-5	0.000	5.286	0	911661	N.D.	4.027 #
21)	L5 AR-1248-1	0.000	5.074	0	1140534	N.D.	3.863 #
22)	L5 AR-1248-2	0.000	5.110	0	579319	N.D.	1.882 #
23)	L5 AR-1248-3	0.000	5.286	0	911661	N.D.	2.336 #
24)	L5 AR-1248-4	0.000	5.643	0	1961044	N.D.	3.492 #
25)	L5 AR-1248-5	0.000	5.666	0	2270331	N.D.	5.499 #
26)	L6 AR-1254-1	0.000	5.643	0	1961044	N.D.	3.657 #
27)	L6 AR-1254-2	0.000	5.773	0	1981248	N.D.	4.321 #
28)	L6 AR-1254-3	7.175	6.177	44790549	9539866	7.526	12.040 #
29)	L6 AR-1254-4	0.000	6.429	0	2872576	N.D.	5.274 #
30)	L6 AR-1254-5	0.000	6.636	0	2754299	N.D.	7.959 #
31)	L7 AR-1260-1	0.000	6.299	0	14508335	N.D.	23.525 #
32)	L7 AR-1260-2	0.000	6.636	0	2754299	N.D.	3.889 #
33)	L7 AR-1260-3	0.000	7.100	0	967147	N.D.	1.632 #
34)	L7 AR-1260-4	0.000	7.338	0	1951679	N.D.	1.334 #
35)	L7 AR-1260-5	0.000	7.680	0	619695	N.D.	0.590 #
36)	L8 AR-1262-1	0.000	6.299	0	14508335	N.D.	28.974 #
37)	L8 AR-1262-2	0.000	6.479	0	14723169	N.D.	23.075 #
38)	L8 AR-1262-3	0.000	6.840	0	551406	N.D.	0.608 #
39)	L8 AR-1262-4	0.000	7.100	0	967147	N.D.	1.216 #
40)	L8 AR-1262-5	0.000	7.338	0	1951679	N.D.	1.162 #
41)	L9 AR-1268-1	0.000	7.680	0	619695	N.D.	0.342 #

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 Operator : UA/SM
 Sample : PB109467BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

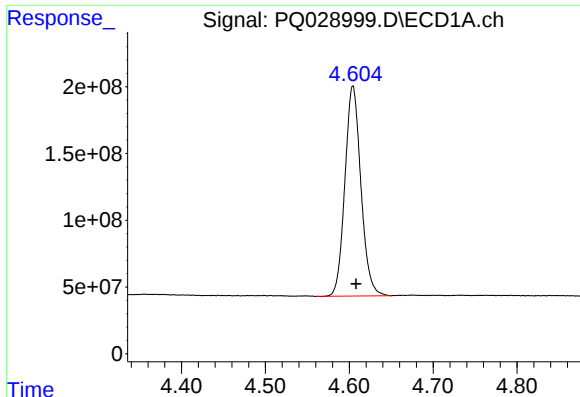
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 06:49:38 2018
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 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	0.000	7.680	0	619695	N.D.	0.350 #
43) L9	AR-1268-3	0.000	7.881	0	906357	N.D.	0.658 #
44) L9	AR-1268-4	0.000	8.168	0	757212	N.D.	1.203 #
45) L9	AR-1268-5	0.000	8.461	0	1761641	N.D.	0.400 #

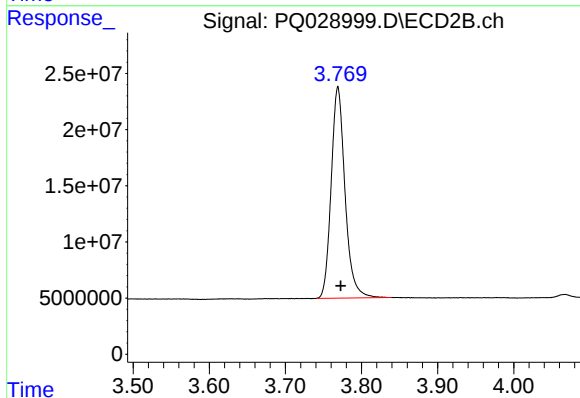
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

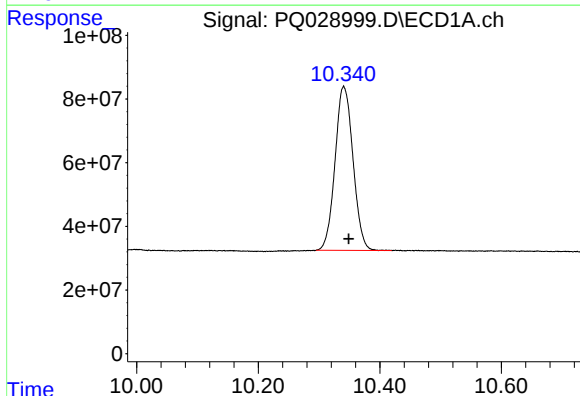
R.T.: 4.604 min
Delta R.T.: -0.004 min
Response: 2085526698
Conc: 25.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



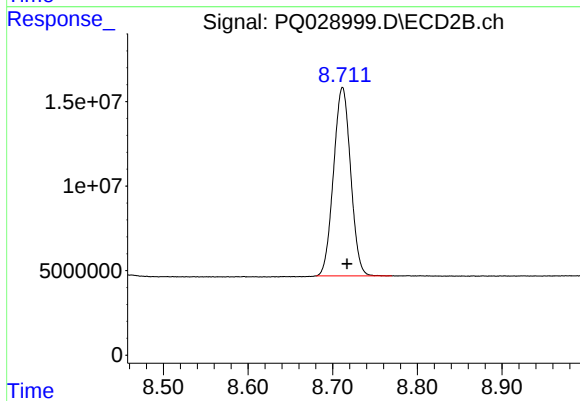
#1 Tetrachloro-m-xylene

R.T.: 3.769 min
Delta R.T.: -0.003 min
Response: 237914619
Conc: 26.61 ng/ml



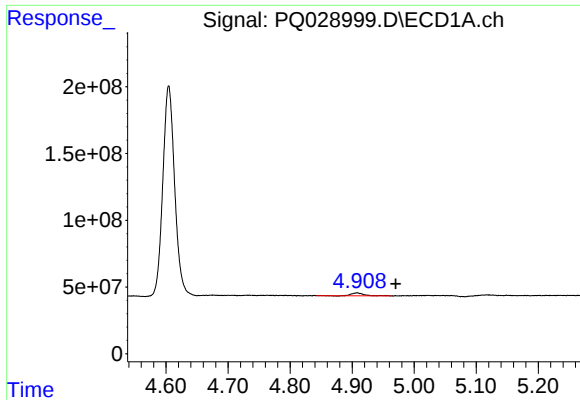
#2 Decachlorobiphenyl

R.T.: 10.341 min
Delta R.T.: -0.008 min
Response: 1056656765
Conc: 17.33 ng/ml



#2 Decachlorobiphenyl

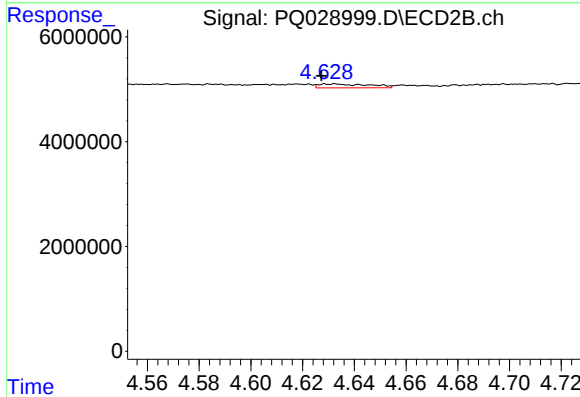
R.T.: 8.712 min
Delta R.T.: -0.006 min
Response: 156362237
Conc: 13.46 ng/ml



#3 AR-1016-1

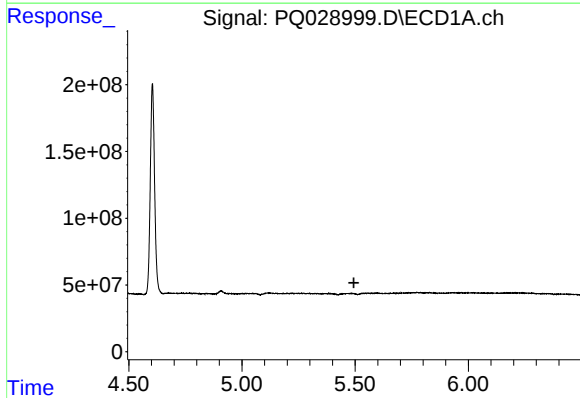
R.T.: 4.908 min
Delta R.T.: -0.063 min
Response: 28664475
Conc: 21.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



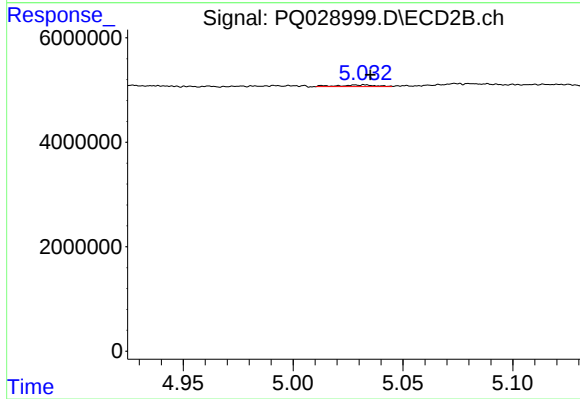
#3 AR-1016-1

R.T.: 4.632 min
Delta R.T.: 0.005 min
Response: 1006297
Conc: 4.12 ng/ml



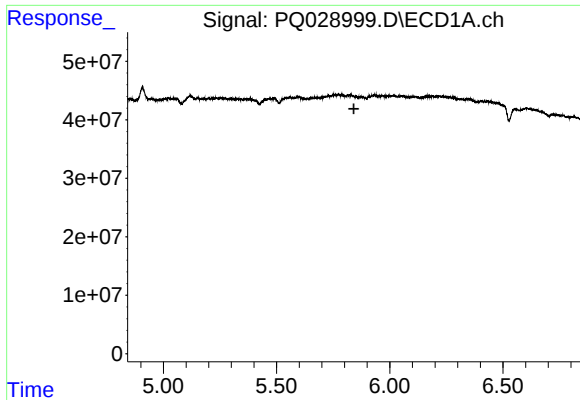
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.494 min
Response: 0
Conc: N.D.



#4 AR-1016-2

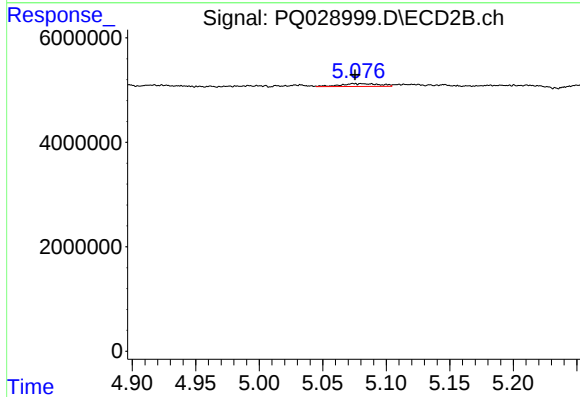
R.T.: 5.033 min
Delta R.T.: -0.003 min
Response: 364351
Conc: 1.33 ng/ml



#5 AR-1016-3

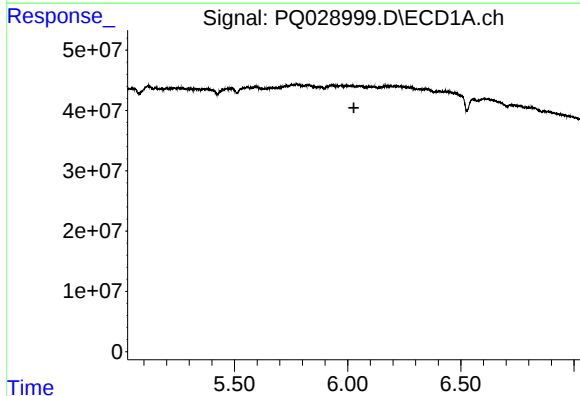
R.T.: 0.000 min
Exp R.T.: 5.841 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



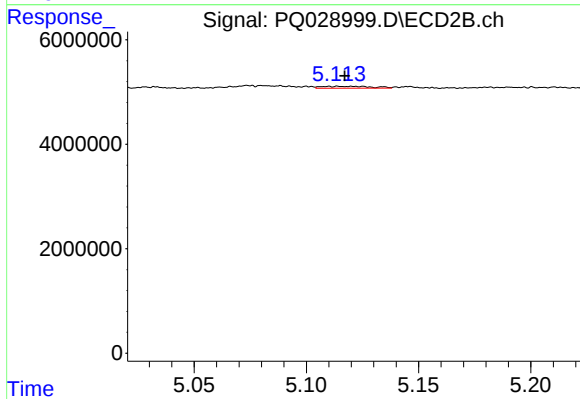
#5 AR-1016-3

R.T.: 5.074 min
Delta R.T.: -0.001 min
Response: 1140534
Conc: 5.34 ng/ml



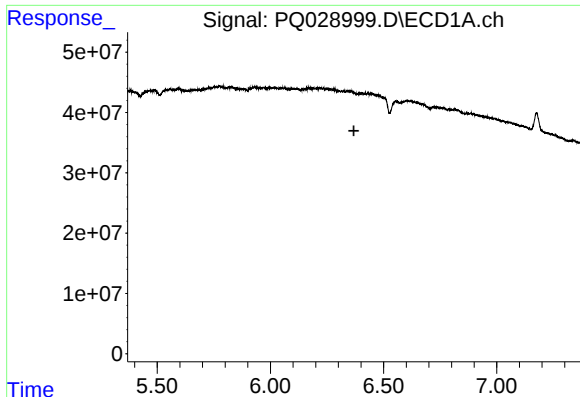
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.027 min
Response: 0
Conc: N.D.



#6 AR-1016-4

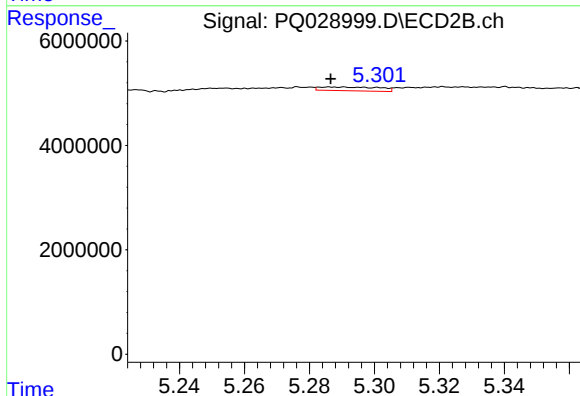
R.T.: 5.110 min
Delta R.T.: -0.007 min
Response: 579319
Conc: 2.22 ng/ml



#7 AR-1016-5

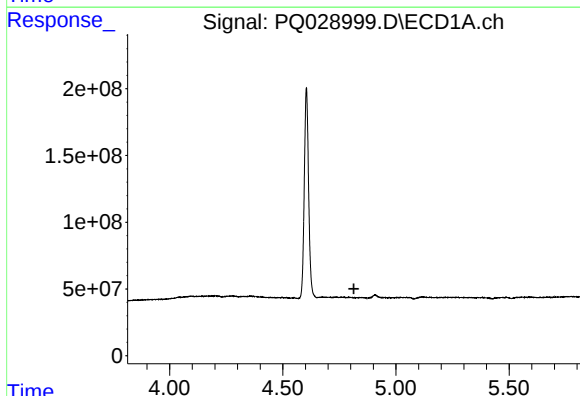
R.T.: 0.000 min
Exp R.T.: 6.369 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



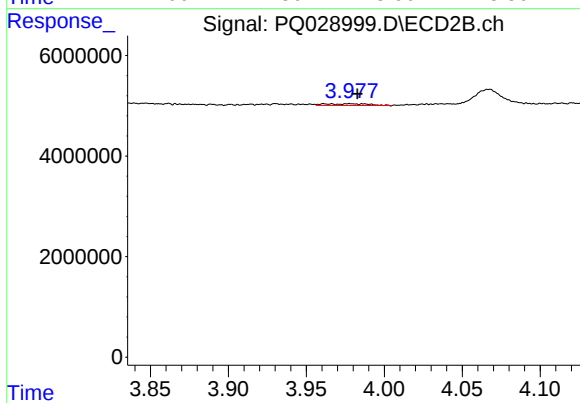
#7 AR-1016-5

R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 911661
Conc: 3.15 ng/ml



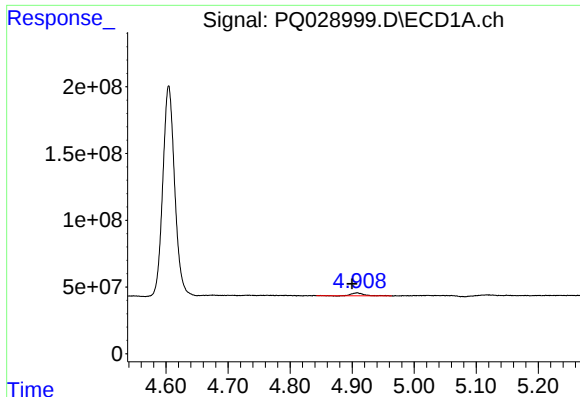
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.814 min
Response: 0
Conc: N.D.



#8 AR-1221-1

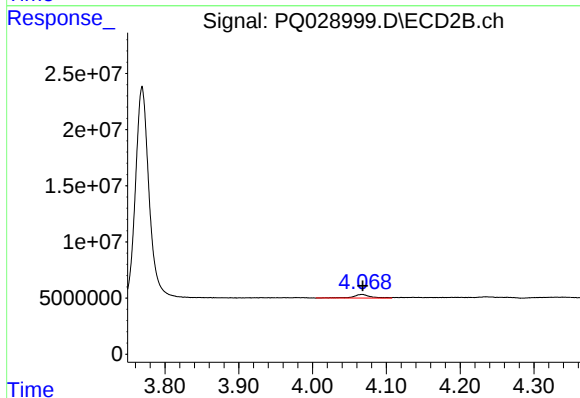
R.T.: 3.978 min
Delta R.T.: -0.005 min
Response: 648857
Conc: 3.25 ng/ml



#9 AR-1221-2

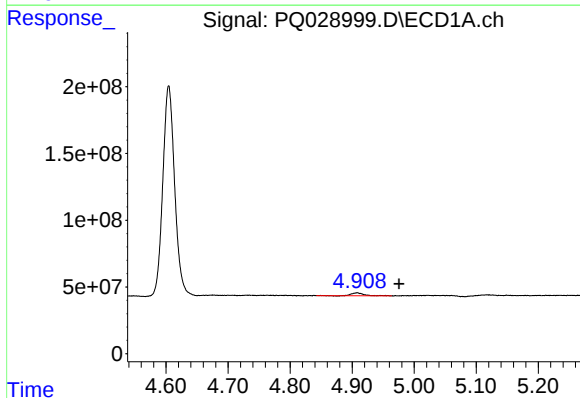
R.T.: 4.908 min
Delta R.T.: 0.008 min
Response: 28664475
Conc: 22.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



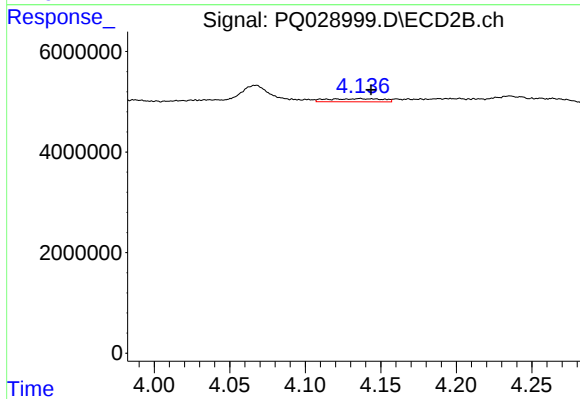
#9 AR-1221-2

R.T.: 4.067 min
Delta R.T.: 0.000 min
Response: 5269477
Conc: 35.36 ng/ml



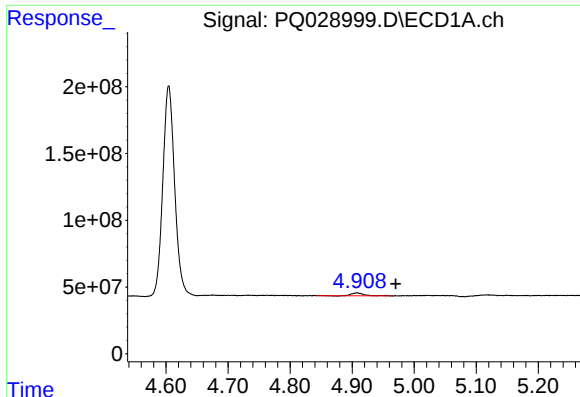
#10 AR-1221-3

R.T.: 4.908 min
Delta R.T.: -0.068 min
Response: 28664475
Conc: 6.85 ng/ml



#10 AR-1221-3

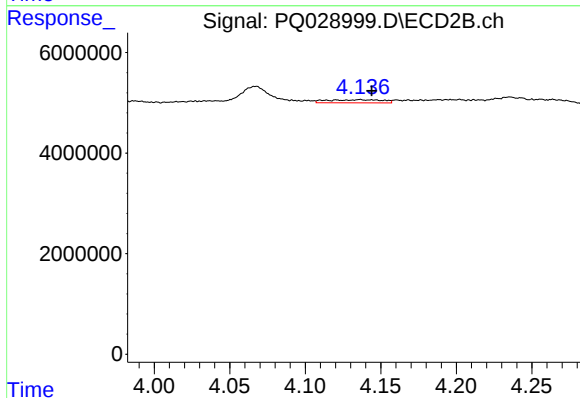
R.T.: 4.136 min
Delta R.T.: -0.007 min
Response: 1548057
Conc: 3.37 ng/ml



#11 AR-1232-1

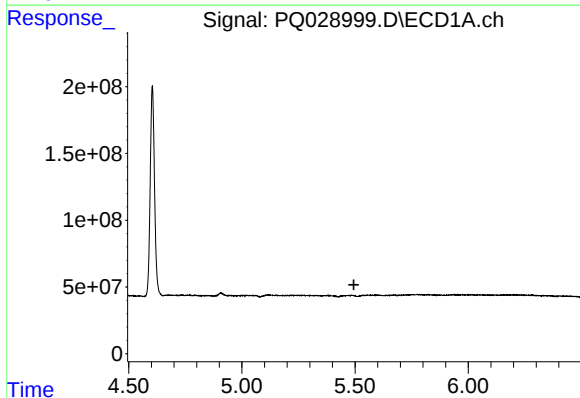
R.T.: 4.908 min
Delta R.T.: -0.063 min
Response: 28664475
Conc: 16.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



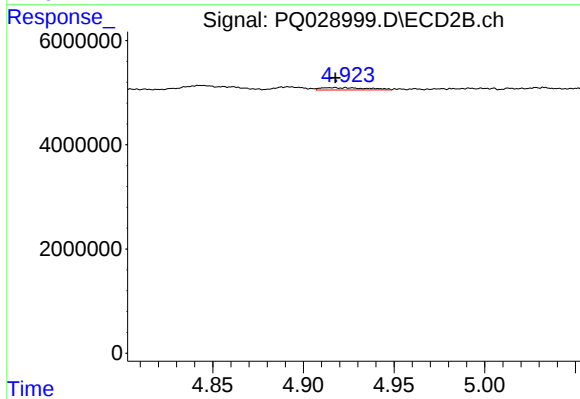
#11 AR-1232-1

R.T.: 4.136 min
Delta R.T.: -0.008 min
Response: 1548057
Conc: 7.37 ng/ml



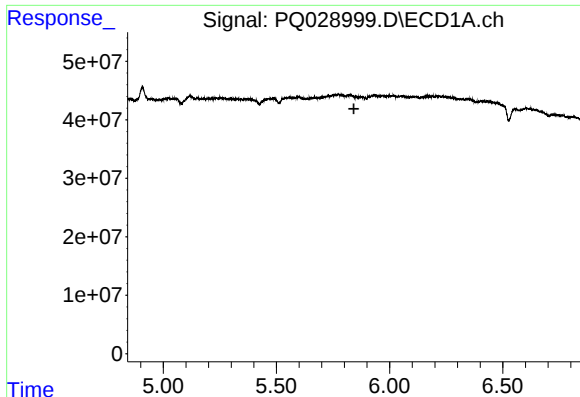
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.495 min
Response: 0
Conc: N.D.



#12 AR-1232-2

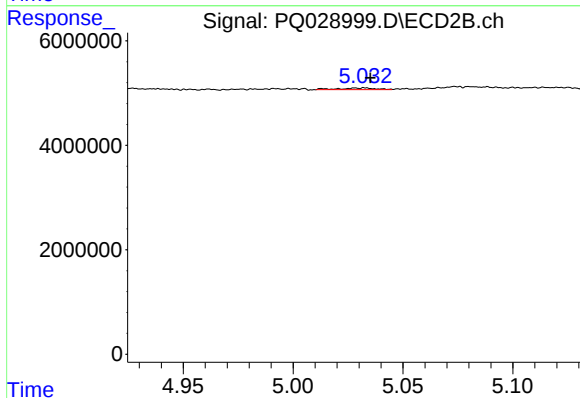
R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 799379
Conc: 4.31 ng/ml



#13 AR-1232-3

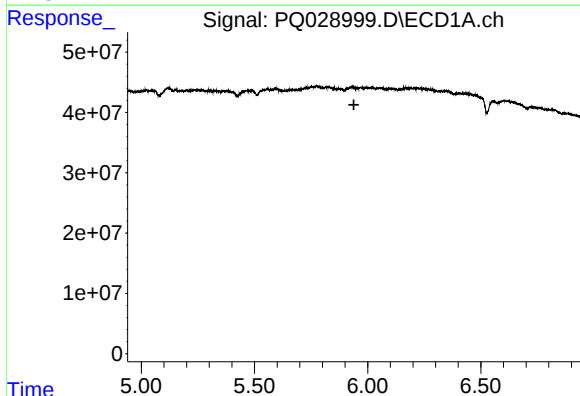
R.T.: 0.000 min
Exp R.T.: 5.842 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



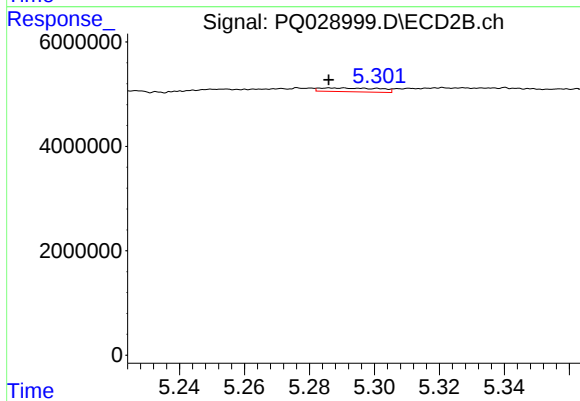
#13 AR-1232-3

R.T.: 5.033 min
Delta R.T.: -0.003 min
Response: 364351
Conc: 2.63 ng/ml



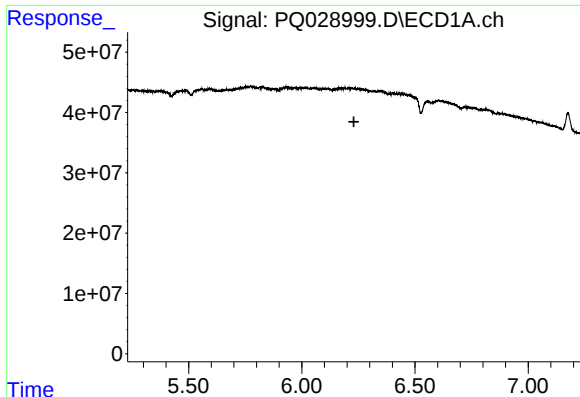
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.939 min
Response: 0
Conc: N.D.



#14 AR-1232-4

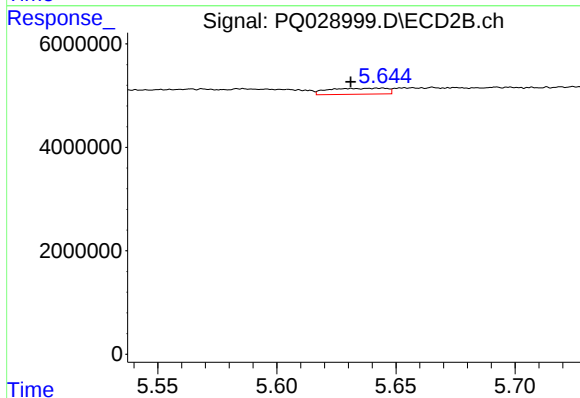
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 911661
Conc: 6.21 ng/ml



#15 AR-1232-5

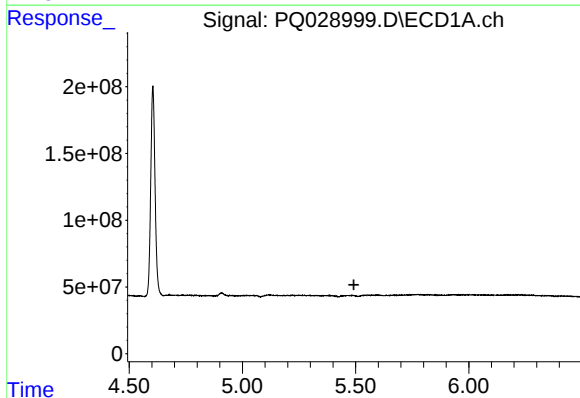
R.T.: 0.000 min
Exp R.T.: 6.230 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



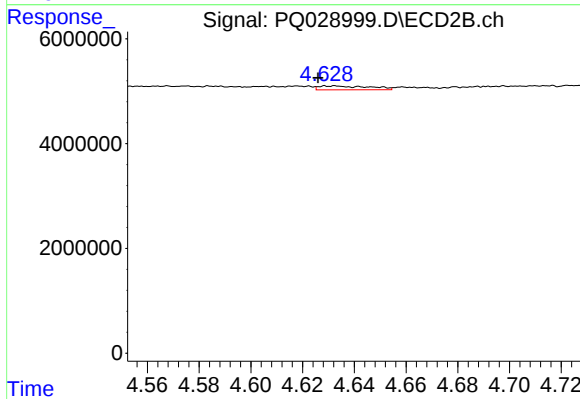
#15 AR-1232-5

R.T.: 5.643 min
Delta R.T.: 0.012 min
Response: 1961044
Conc: 12.01 ng/ml



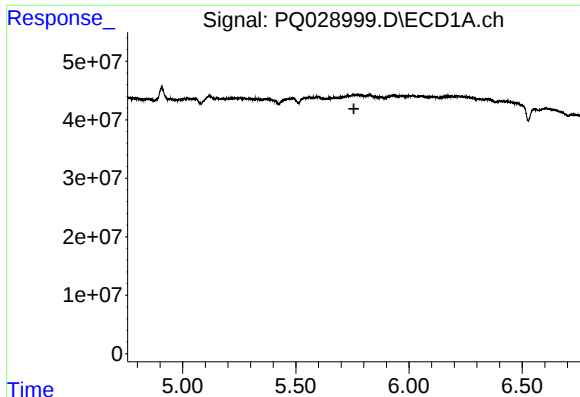
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 5.492 min
Response: 0
Conc: N.D.



#16 AR-1242-1

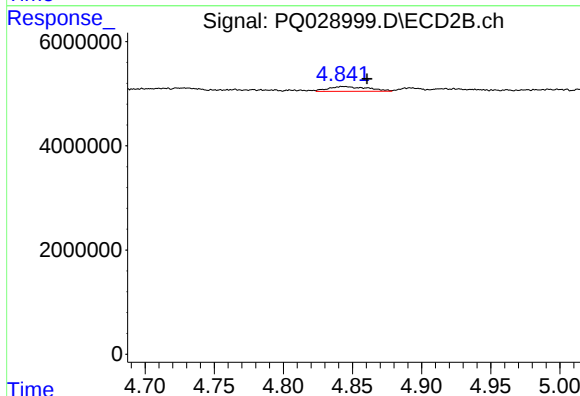
R.T.: 4.632 min
Delta R.T.: 0.006 min
Response: 1006297
Conc: 5.18 ng/ml



#17 AR-1242-2

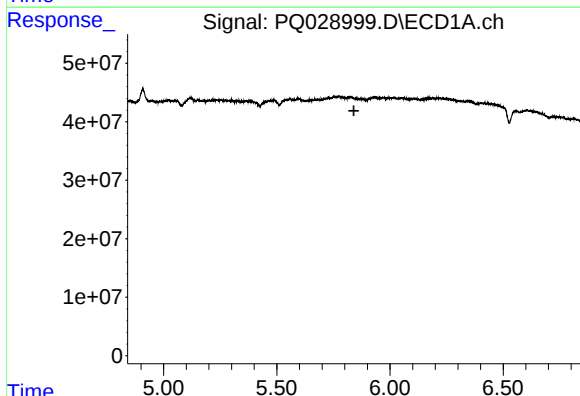
R.T.: 0.000 min
Exp R.T.: 5.757 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



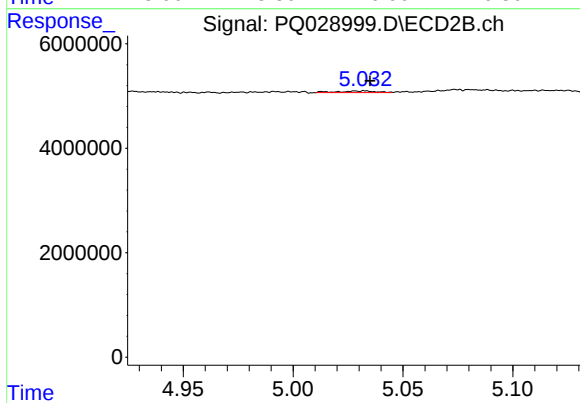
#17 AR-1242-2

R.T.: 4.844 min
Delta R.T.: -0.017 min
Response: 1853866
Conc: 4.07 ng/ml



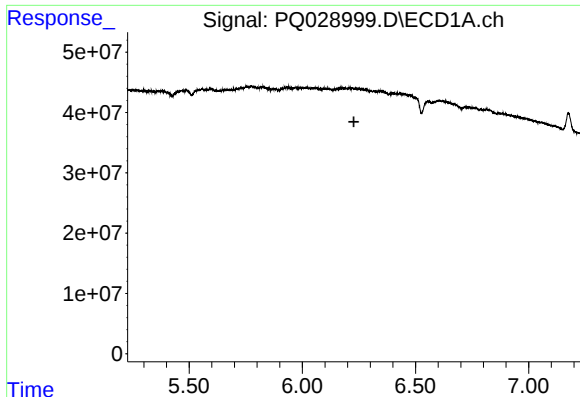
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.840 min
Response: 0
Conc: N.D.



#18 AR-1242-3

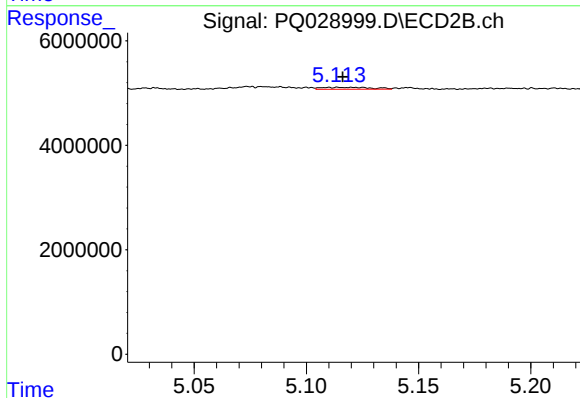
R.T.: 5.033 min
Delta R.T.: -0.003 min
Response: 364351
Conc: 1.75 ng/ml



#19 AR-1242-4

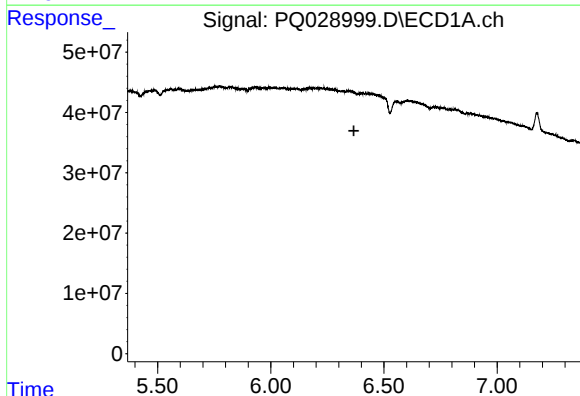
R.T.: 0.000 min
Exp R.T.: 6.228 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



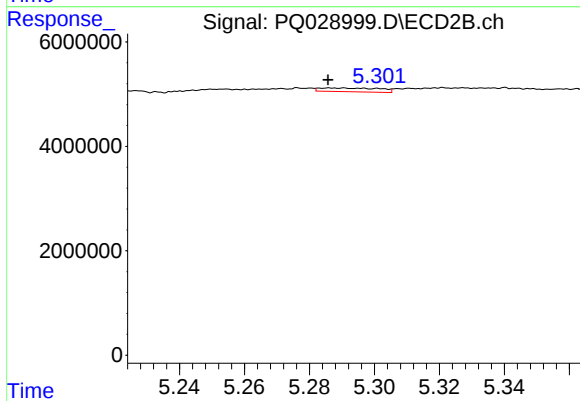
#19 AR-1242-4

R.T.: 5.110 min
Delta R.T.: -0.006 min
Response: 579319
Conc: 2.87 ng/ml



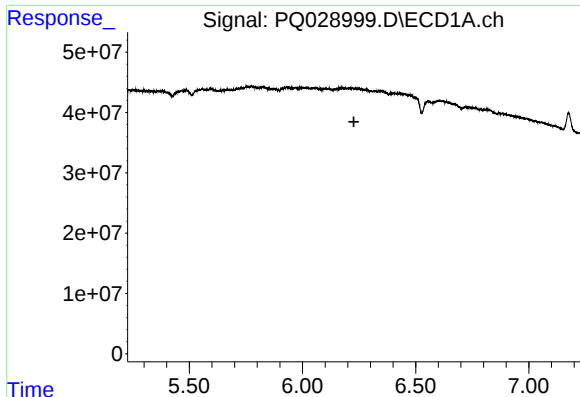
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.367 min
Response: 0
Conc: N.D.



#20 AR-1242-5

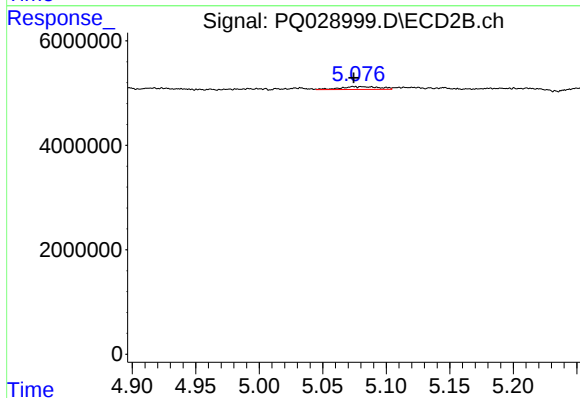
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 911661
Conc: 4.03 ng/ml



#21 AR-1248-1

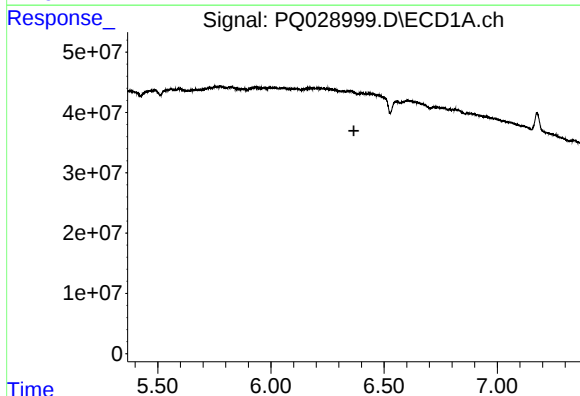
R.T.: 0.000 min
Exp R.T.: 6.227 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



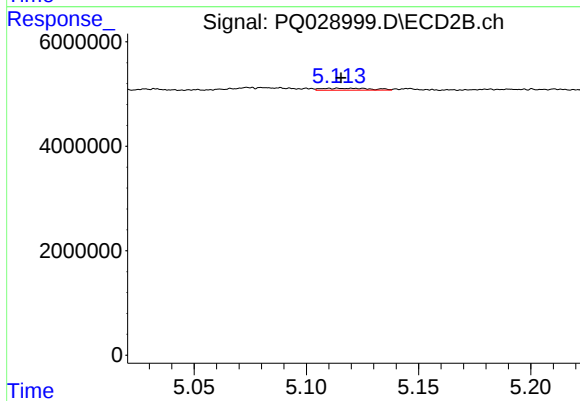
#21 AR-1248-1

R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 1140534
Conc: 3.86 ng/ml



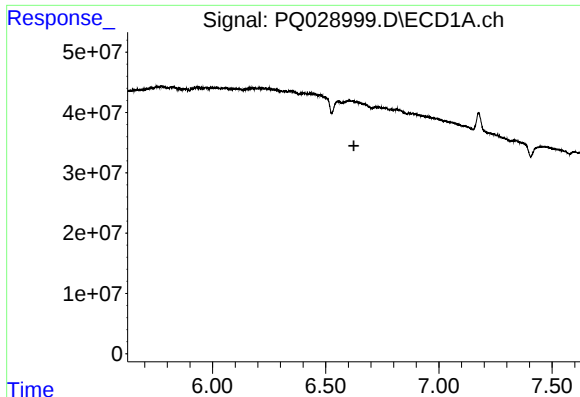
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 6.366 min
Response: 0
Conc: N.D.



#22 AR-1248-2

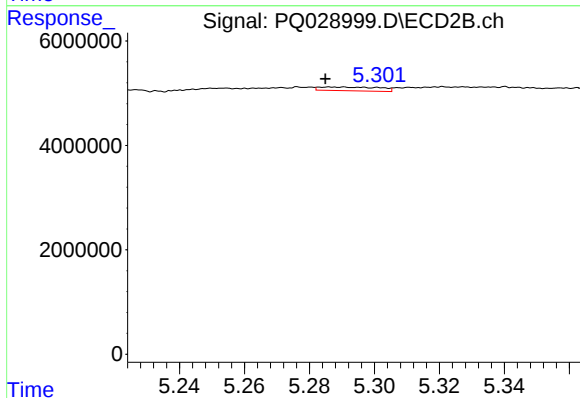
R.T.: 5.110 min
Delta R.T.: -0.005 min
Response: 579319
Conc: 1.88 ng/ml



#23 AR-1248-3

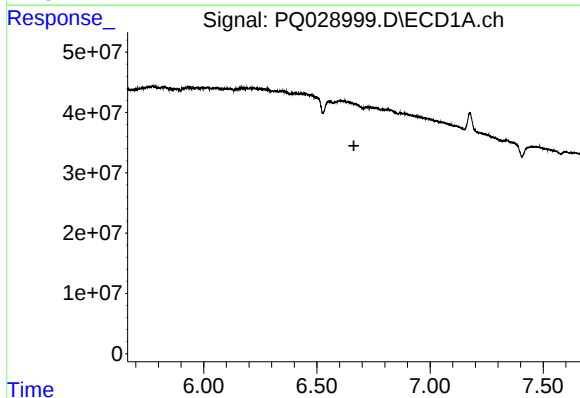
R.T.: 0.000 min
Exp R.T.: 6.624 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



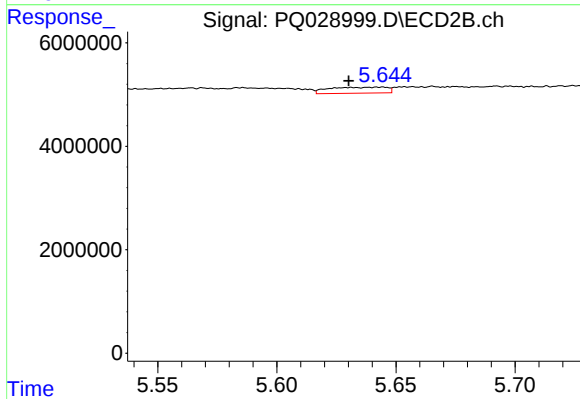
#23 AR-1248-3

R.T.: 5.286 min
Delta R.T.: 0.001 min
Response: 911661
Conc: 2.34 ng/ml



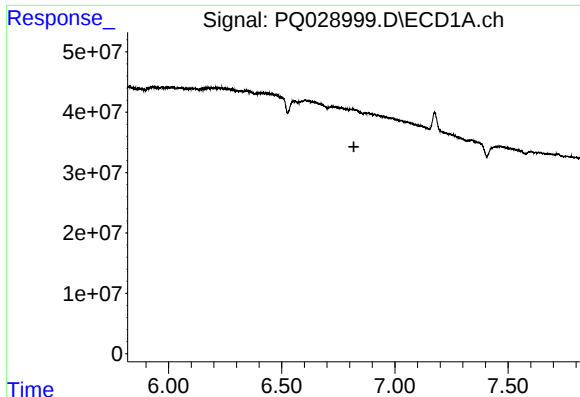
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 6.663 min
Response: 0
Conc: N.D.



#24 AR-1248-4

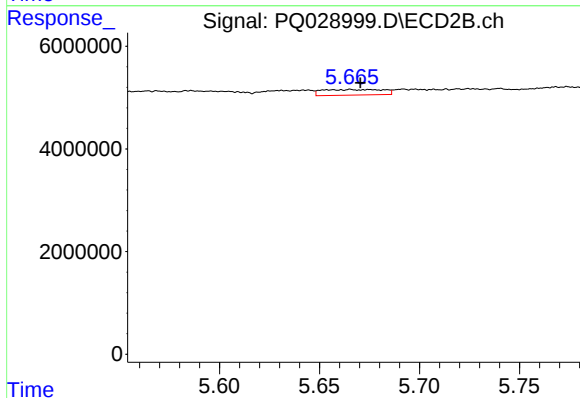
R.T.: 5.643 min
Delta R.T.: 0.013 min
Response: 1961044
Conc: 3.49 ng/ml



#25 AR-1248-5

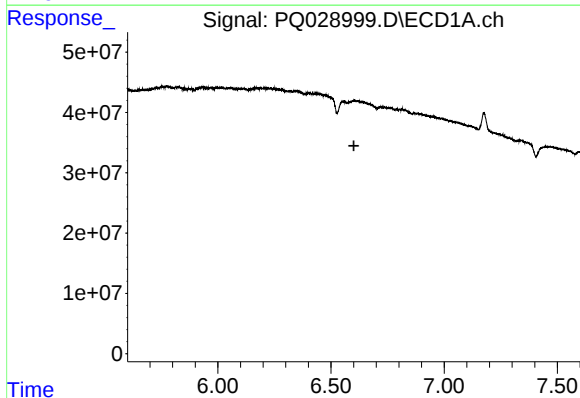
R.T.: 0.000 min
Exp R.T. : 6.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



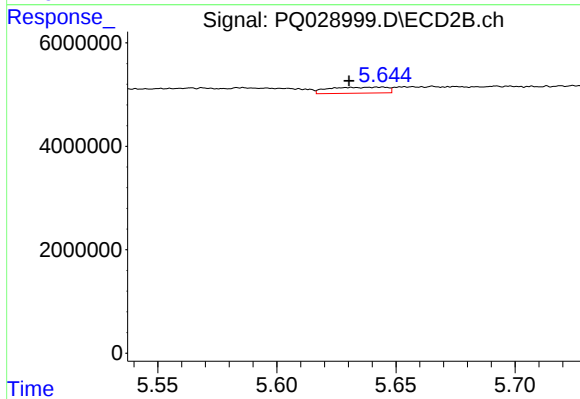
#25 AR-1248-5

R.T.: 5.666 min
Delta R.T.: -0.005 min
Response: 2270331
Conc: 5.50 ng/ml



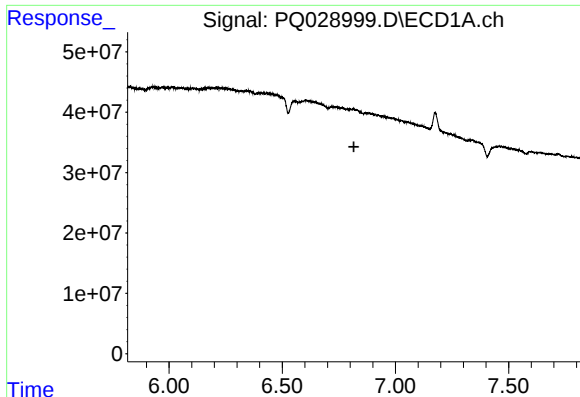
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 6.601 min
Response: 0
Conc: N.D.



#26 AR-1254-1

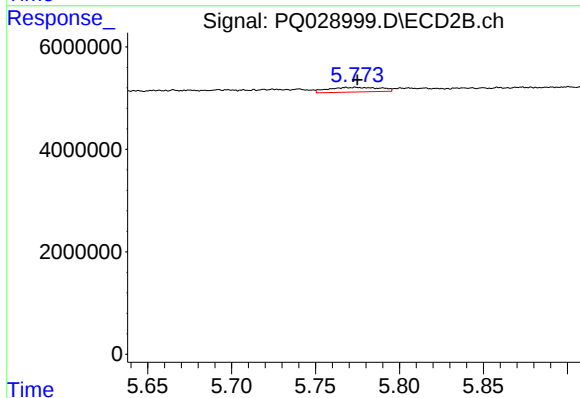
R.T.: 5.643 min
Delta R.T.: 0.013 min
Response: 1961044
Conc: 3.66 ng/ml



#27 AR-1254-2

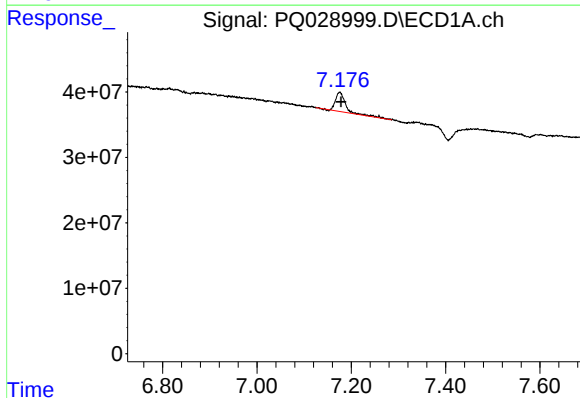
R.T.: 0.000 min
Exp R.T.: 6.817 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



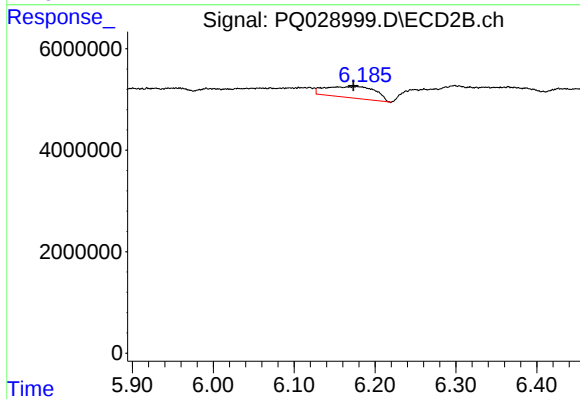
#27 AR-1254-2

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 1981248
Conc: 4.32 ng/ml



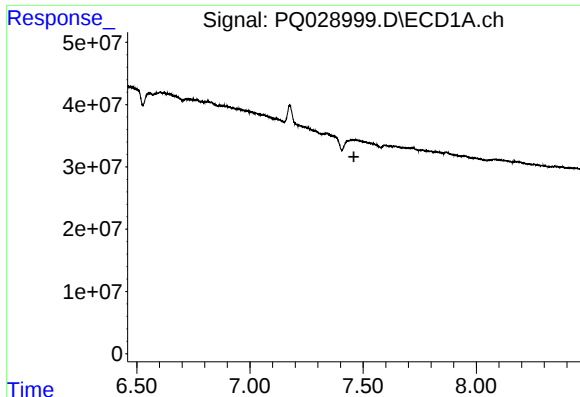
#28 AR-1254-3

R.T.: 7.175 min
Delta R.T.: -0.003 min
Response: 44790549
Conc: 7.53 ng/ml



#28 AR-1254-3

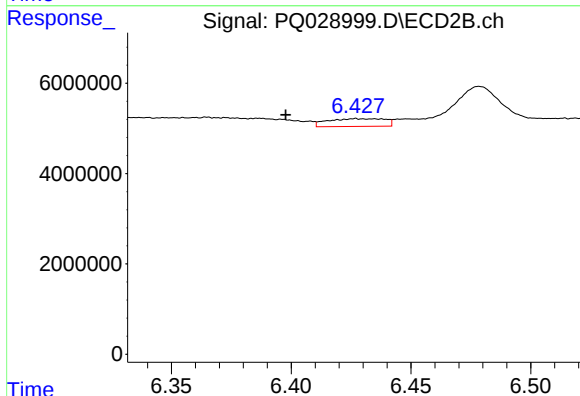
R.T.: 6.177 min
Delta R.T.: 0.004 min
Response: 9539866
Conc: 12.04 ng/ml



#29 AR-1254-4

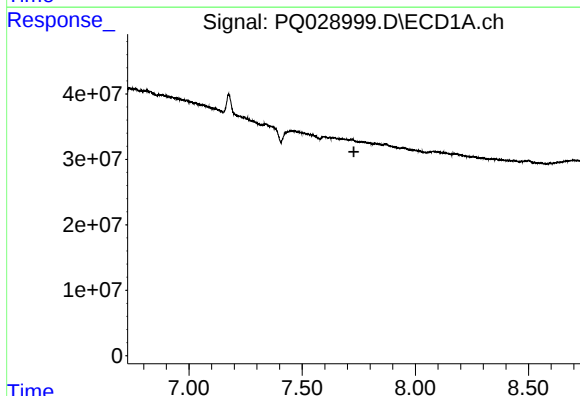
R.T.: 0.000 min
Exp R.T.: 7.459 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



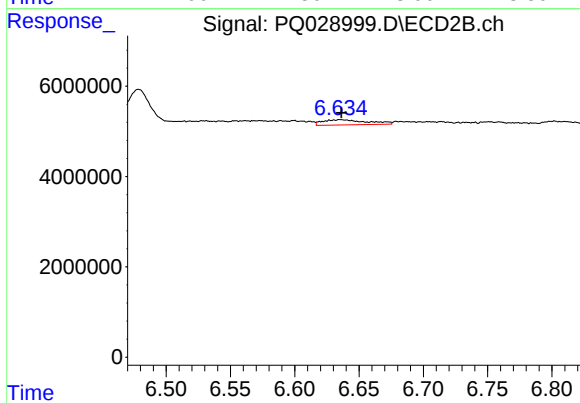
#29 AR-1254-4

R.T.: 6.429 min
Delta R.T.: 0.032 min
Response: 2872576
Conc: 5.27 ng/ml



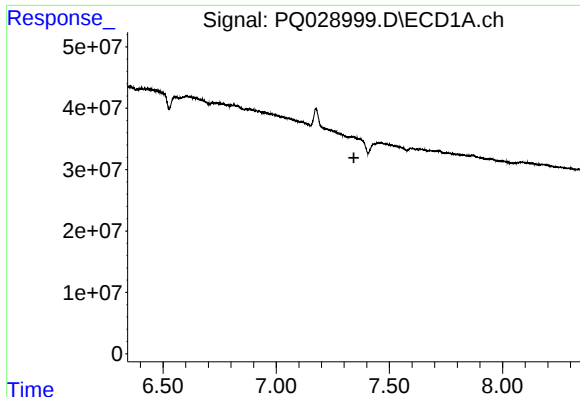
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 7.729 min
Response: 0
Conc: N.D.



#30 AR-1254-5

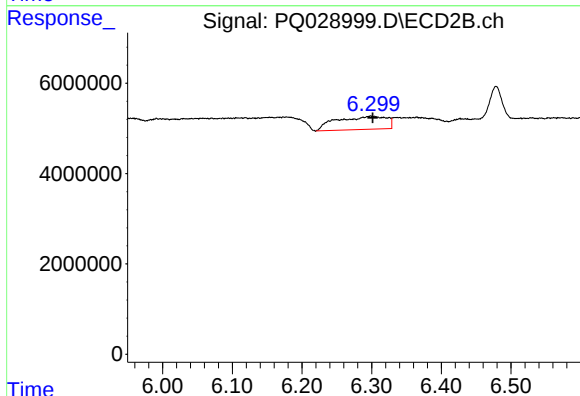
R.T.: 6.636 min
Delta R.T.: 0.000 min
Response: 2754299
Conc: 7.96 ng/ml



#31 AR-1260-1

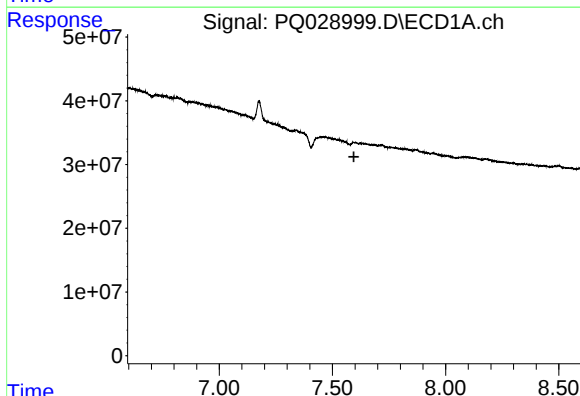
R.T.: 0.000 min
Exp R.T. : 7.343 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



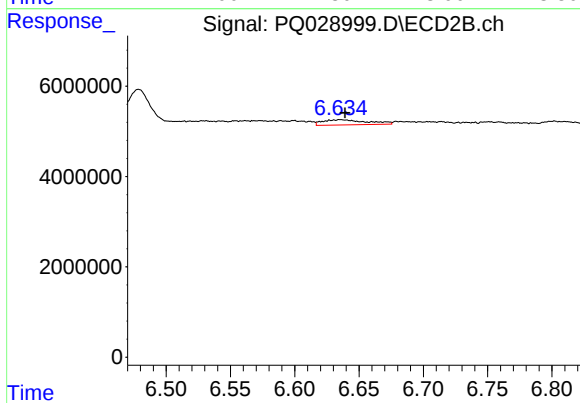
#31 AR-1260-1

R.T.: 6.299 min
Delta R.T.: -0.003 min
Response: 14508335
Conc: 23.52 ng/ml



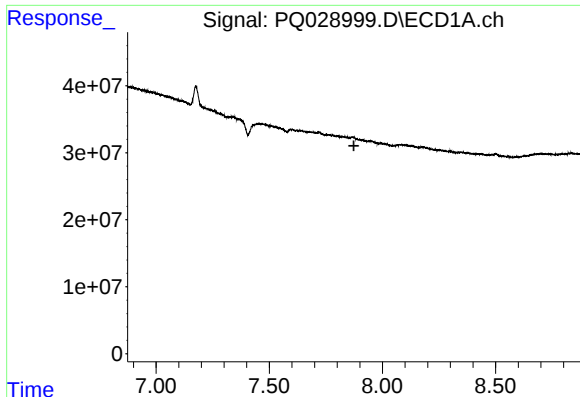
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 7.595 min
Response: 0
Conc: N.D.



#32 AR-1260-2

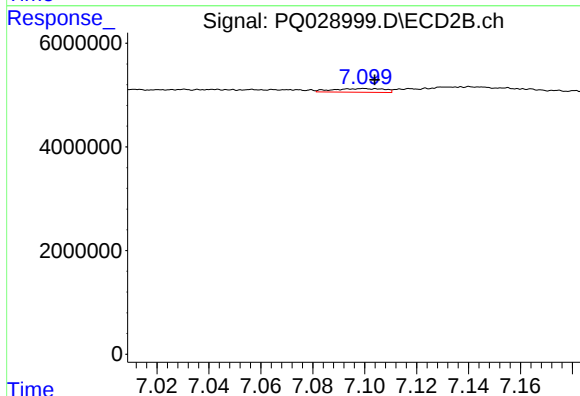
R.T.: 6.636 min
Delta R.T.: -0.003 min
Response: 2754299
Conc: 3.89 ng/ml



#33 AR-1260-3

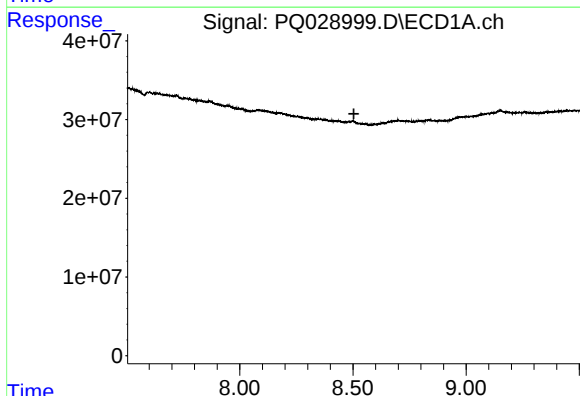
R.T.: 0.000 min
Exp R.T.: 7.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



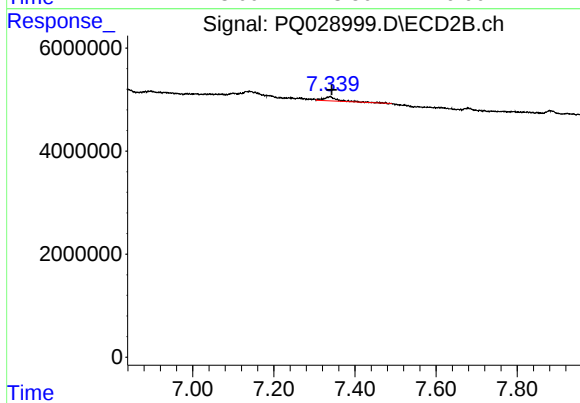
#33 AR-1260-3

R.T.: 7.100 min
Delta R.T.: -0.004 min
Response: 967147
Conc: 1.63 ng/ml



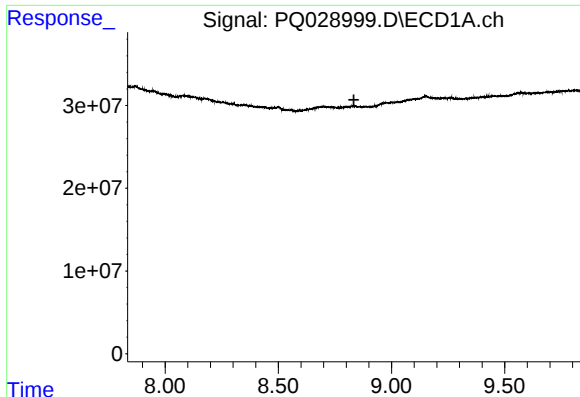
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 8.504 min
Response: 0
Conc: N.D.



#34 AR-1260-4

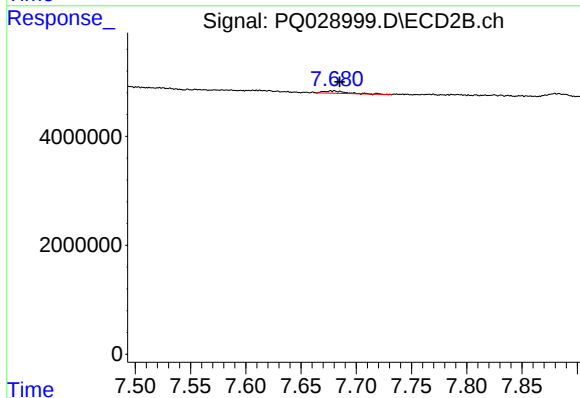
R.T.: 7.338 min
Delta R.T.: -0.004 min
Response: 1951679
Conc: 1.33 ng/ml



#35 AR-1260-5

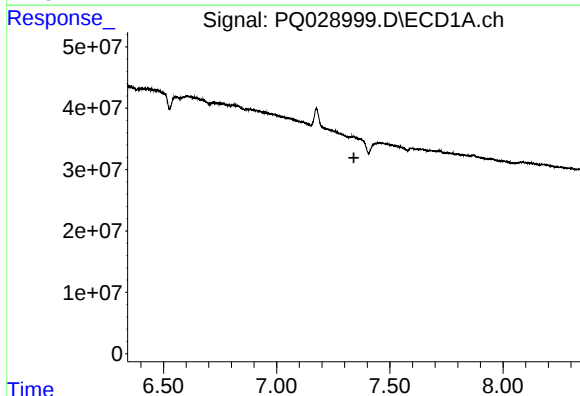
R.T.: 0.000 min
Exp R.T. : 8.834 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



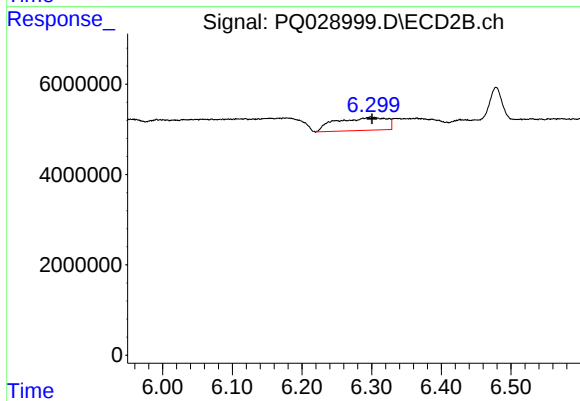
#35 AR-1260-5

R.T.: 7.680 min
Delta R.T.: -0.005 min
Response: 619695
Conc: 0.59 ng/ml



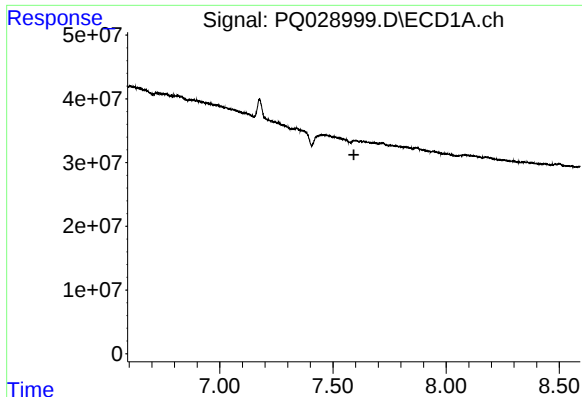
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.341 min
Response: 0
Conc: N.D.



#36 AR-1262-1

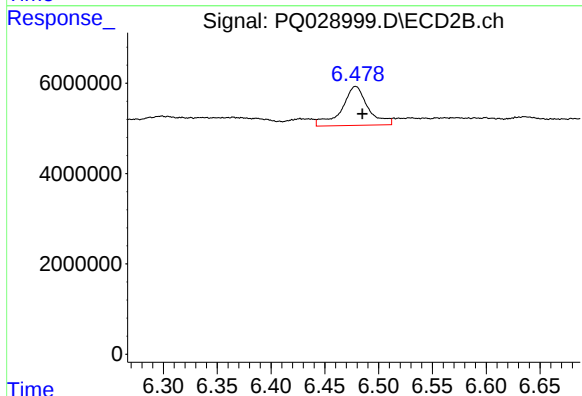
R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 14508335
Conc: 28.97 ng/ml



#37 AR-1262-2

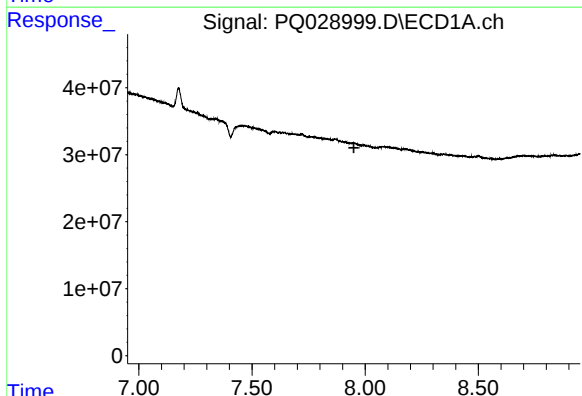
R.T.: 0.000 min
Exp R.T.: 7.592 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



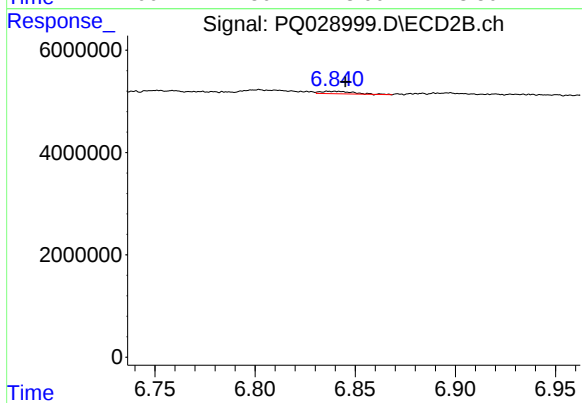
#37 AR-1262-2

R.T.: 6.479 min
Delta R.T.: -0.006 min
Response: 14723169
Conc: 23.08 ng/ml



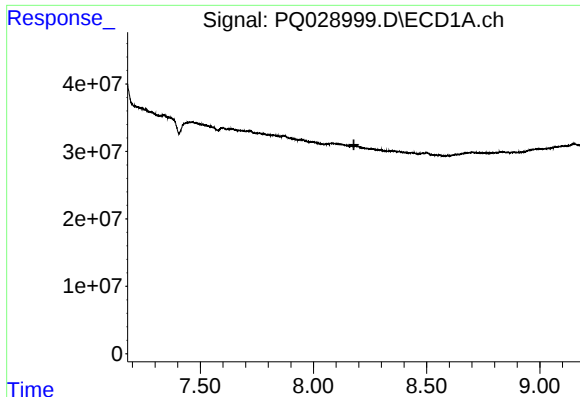
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 7.950 min
Response: 0
Conc: N.D.



#38 AR-1262-3

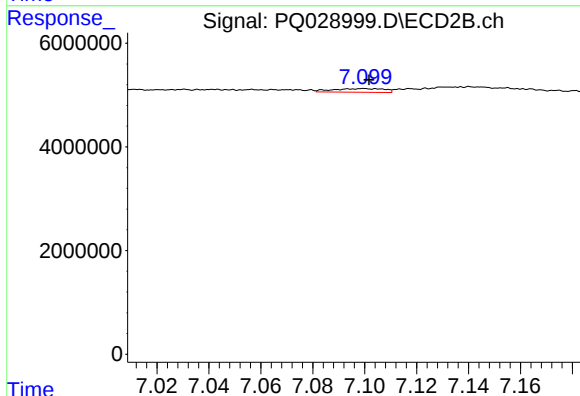
R.T.: 6.840 min
Delta R.T.: -0.006 min
Response: 551406
Conc: 0.61 ng/ml



#39 AR-1262-4

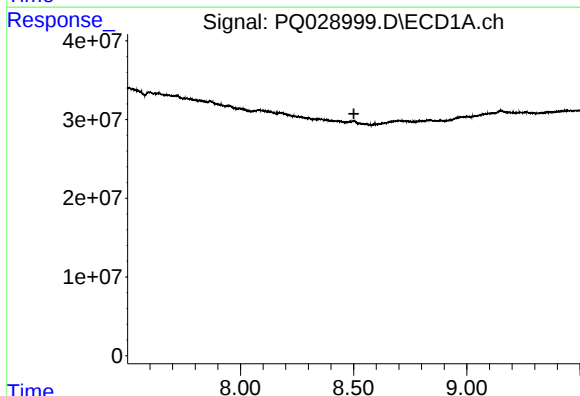
R.T.: 0.000 min
Exp R.T.: 8.179 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



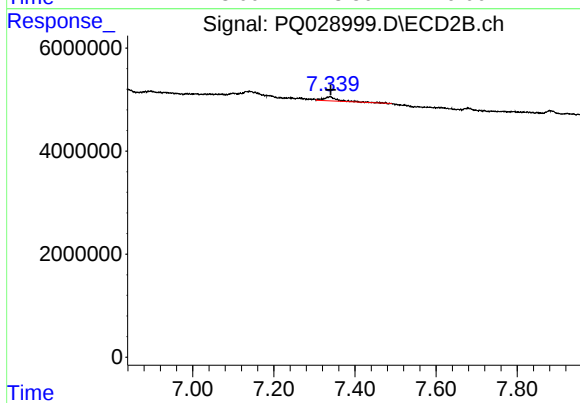
#39 AR-1262-4

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 967147
Conc: 1.22 ng/ml



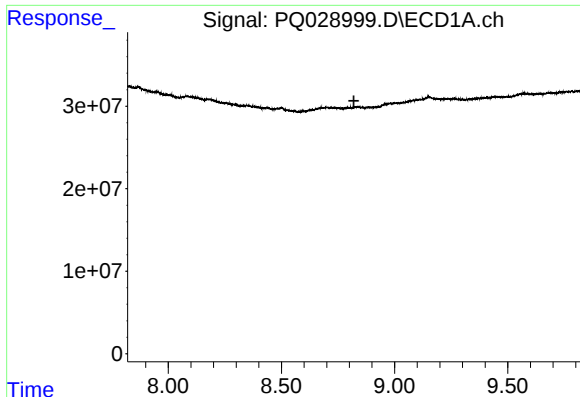
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 8.501 min
Response: 0
Conc: N.D.



#40 AR-1262-5

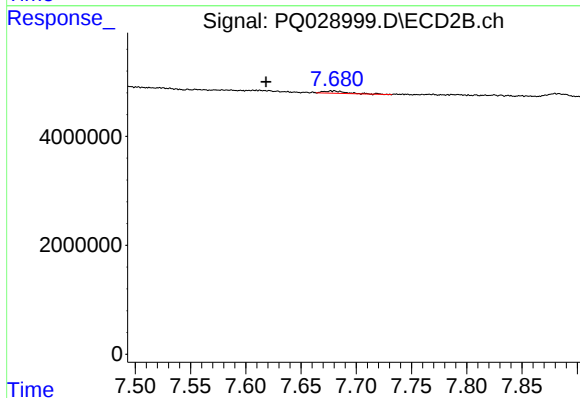
R.T.: 7.338 min
Delta R.T.: -0.002 min
Response: 1951679
Conc: 1.16 ng/ml



#41 AR-1268-1

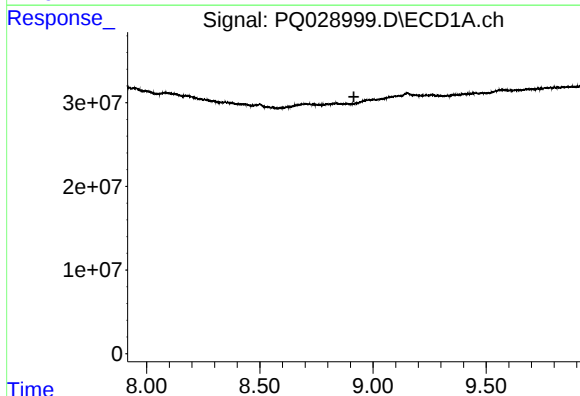
R.T.: 0.000 min
Exp R.T.: 8.820 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



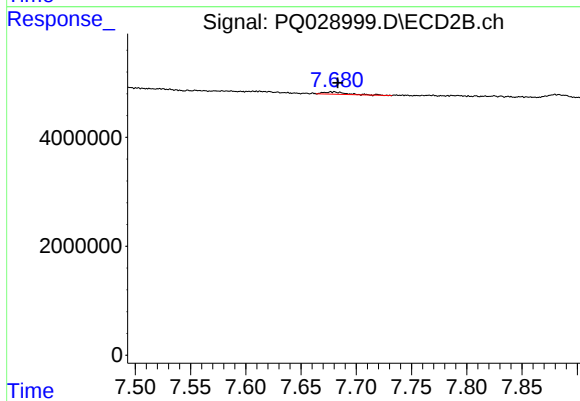
#41 AR-1268-1

R.T.: 7.680 min
Delta R.T.: 0.061 min
Response: 619695
Conc: 0.34 ng/ml



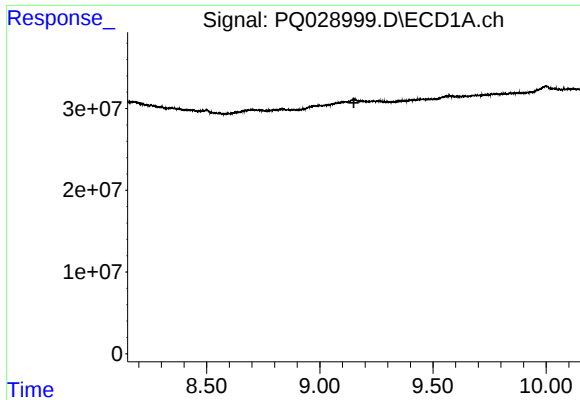
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.916 min
Response: 0
Conc: N.D.



#42 AR-1268-2

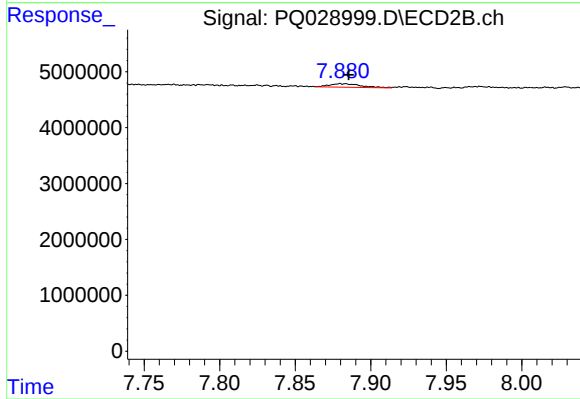
R.T.: 7.680 min
Delta R.T.: -0.003 min
Response: 619695
Conc: 0.35 ng/ml



#43 AR-1268-3

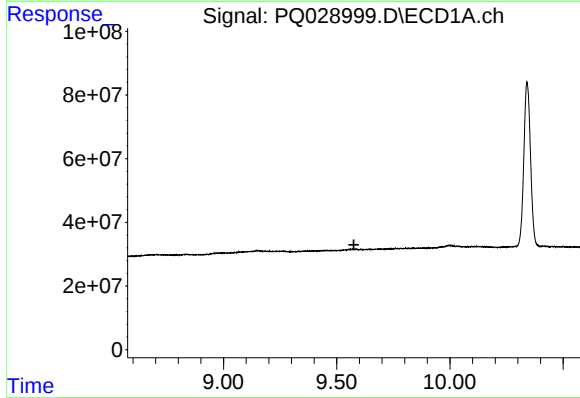
R.T.: 0.000 min
Exp R.T.: 9.151 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



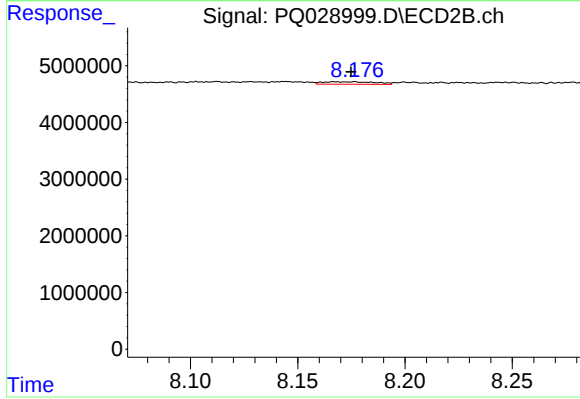
#43 AR-1268-3

R.T.: 7.881 min
Delta R.T.: -0.004 min
Response: 906357
Conc: 0.66 ng/ml



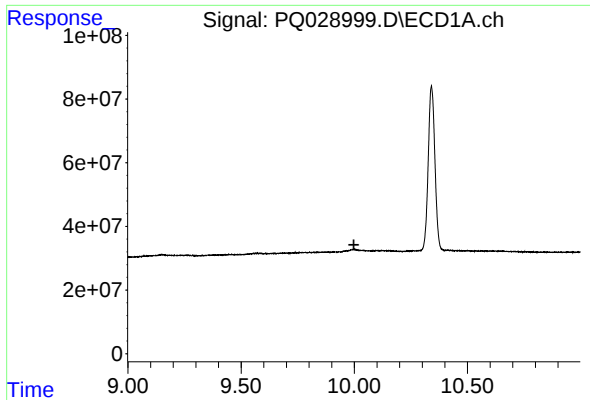
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.576 min
Response: 0
Conc: N.D.



#44 AR-1268-4

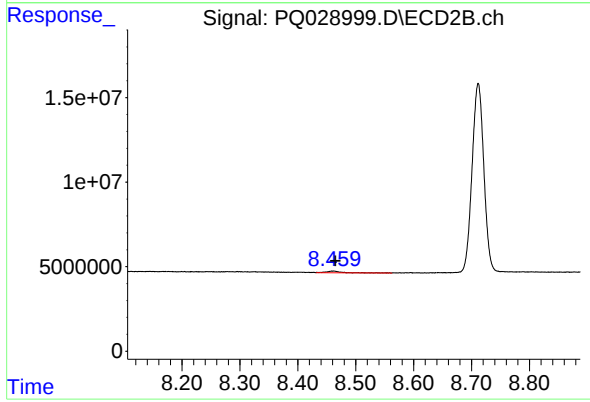
R.T.: 8.168 min
Delta R.T.: -0.007 min
Response: 757212
Conc: 1.20 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.998 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.461 min
Delta R.T.: -0.004 min
Response: 1761641
Conc: 0.40 ng/ml