

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072023\
 Data File : PQ062418.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2023 08:49
 Operator : YP\AJ
 Sample : HEXANE
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 12:46:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 2023
 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...	0.000	2.764	0	87700	N.D.	0.035 #
2)	SA Decachlor...	8.613f	0.000	83417	0	0.023	N.D. #
Target Compounds							
5)	L1 AR-1016-3	4.587	3.929	428855	253459	2.814	3.360
6)	L1 AR-1016-4	4.674	3.984	426148	1321158	3.400	20.115 #
7)	L1 AR-1016-5	4.955	4.183	1494058	8581713	12.275	104.679 #
8)	L2 AR-1221-1	3.622	2.964	708461	123721	11.787	3.750 #
9)	L2 AR-1221-2	3.681	3.062	291450	400085	6.486	15.751 #
10)	L2 AR-1221-3	3.750	3.109	883750	589420	6.289	7.646
11)	L3 AR-1232-1	3.750	3.109	883750	589420	8.369	10.287
12)	L3 AR-1232-2	4.230	3.781	165450	98778	2.797	1.484 #
13)	L3 AR-1232-3	4.538	3.929	-431621	253459	N.D.	7.335 #
14)	L3 AR-1232-4	4.674	4.012	426148	4986708	7.520	167.678 #
15)	L3 AR-1232-5	4.755	4.183	158036	8581713	3.946	240.648 #
18)	L4 AR-1242-3	4.587	3.929	428855	253459	3.549	4.327
19)	L4 AR-1242-4	4.674	4.012	426148	4986708	4.371	85.057 #
20)	L4 AR-1242-5	5.373	4.532	10622459	10398735	110.963	125.448
22)	L5 AR-1248-2	4.755	3.984	158036	1321158	1.100	14.090 #
23)	L5 AR-1248-3	4.955	4.012	1494058	4986708	8.601	55.075 #
24)	L5 AR-1248-4	5.340	4.183	23820898	8581713	124.112	76.052 #
25)	L5 AR-1248-5	5.373	4.561	10622459	3051652	58.648	27.239 #
26)	L6 AR-1254-1	5.340	4.532	23820898	10398735	128.192	64.403 #
27)	L6 AR-1254-2	5.543	4.659	179506	1277250	0.617	8.676 #
28)	L6 AR-1254-3	5.891	5.054	2492377	3621162	8.115	15.495 #
29)	L6 AR-1254-4	0.000	5.259	0	6922156	N.D.	45.417 #
30)	L6 AR-1254-5	6.621f	5.664	288164	2354379	1.122	10.201 #
31)	L7 AR-1260-1	6.075	5.183	82492	6245801	0.350	37.500 #
32)	L7 AR-1260-2	6.313	5.363	8010125	7584568	27.735	36.474 #
33)	L7 AR-1260-3	6.684	5.481	532624	3735419	3.016	19.199 #
34)	L7 AR-1260-4	6.882	5.984	125381	295732	0.595	2.027 #
35)	L7 AR-1260-5	7.179	6.187f	84448	319317	0.206	0.962 #
36)	L8 AR-1262-1	6.684	5.702	532624	1799111	1.747	7.739 #
37)	L8 AR-1262-2	7.179	5.984	84448	295732	0.160	1.368 #
38)	L8 AR-1262-3	7.489	6.485	124714	347685	0.354	1.994 #
39)	L8 AR-1262-4	7.526f	6.556	81824	506293	0.307	1.571 #
40)	L8 AR-1262-5	8.053	7.035	2511534	1685689	14.149	10.867
41)	L9 AR-1268-1	7.489	6.485	124714	347685	0.220	0.739 #
42)	L9 AR-1268-2	7.526f	6.556	81824	506293	0.160	1.195 #
43)	L9 AR-1268-3	7.726	6.774	177706	286210	0.416	0.777 #
44)	L9 AR-1268-4	8.053	7.035	2511534	1685689	13.725	10.540
45)	L9 AR-1268-5	8.342	7.298	466858	548863	0.370	0.470 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072023\
Data File : PQ062418.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jul 2023 08:49
Operator : YP\AJ
Sample : HEXANE
Misc :
ALS Vial : 1 Sample Multiplier: 1

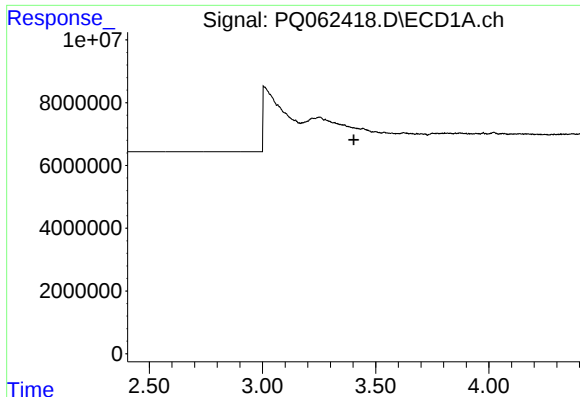
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 20 12:46:48 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
Response via : Initial Calibration
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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
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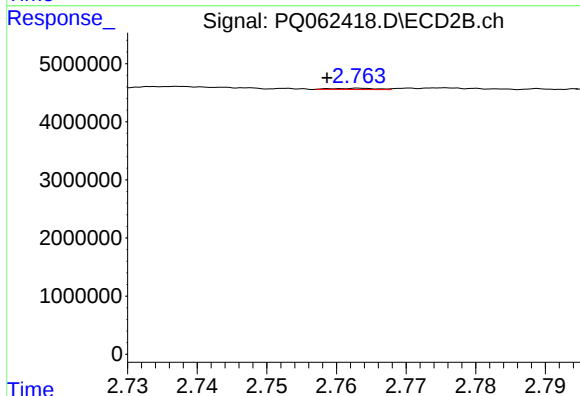
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

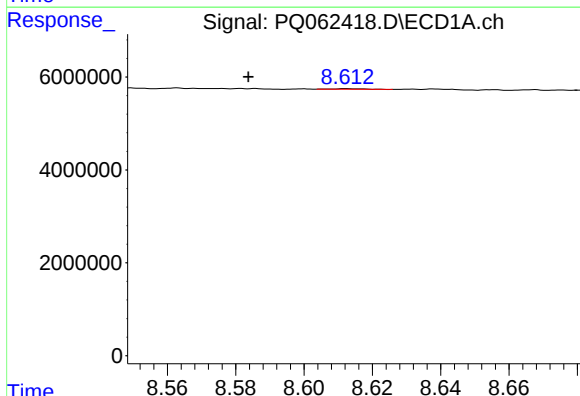
R.T.: 0.000 min
Exp R.T.: 3.404 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



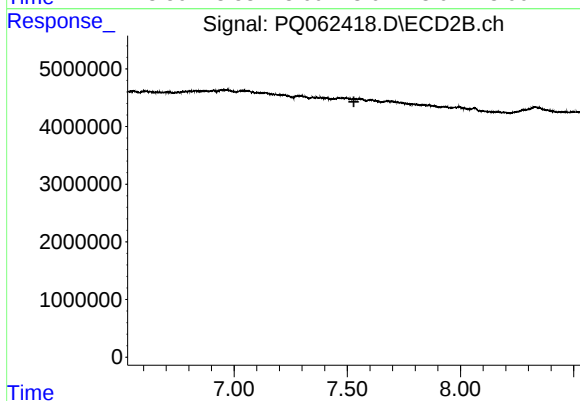
#1 Tetrachloro-m-xylene

R.T.: 2.764 min
Delta R.T.: 0.005 min
Response: 87700
Conc: 0.03 ng/ml



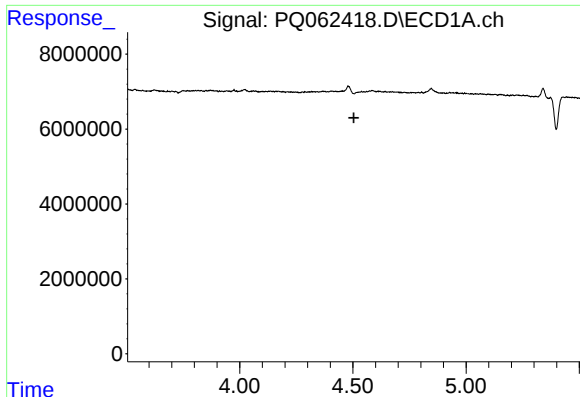
#2 Decachlorobiphenyl

R.T.: 8.613 min
Delta R.T.: 0.029 min
Response: 83417
Conc: 0.02 ng/ml



#2 Decachlorobiphenyl

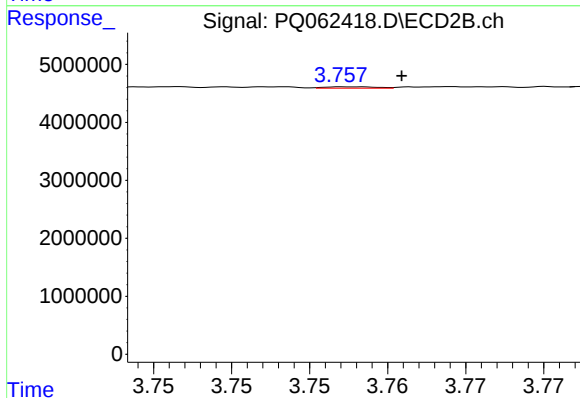
R.T.: 0.000 min
Exp R.T.: 7.529 min
Response: 0
Conc: N.D.



#3 AR-1016-1

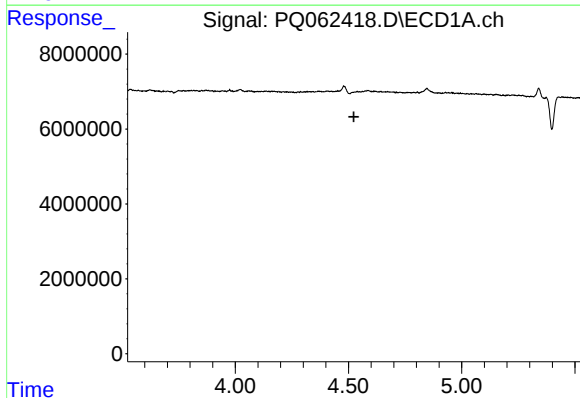
R.T.: 4.538 min
Delta R.T.: 0.034 min
Response: -431621
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



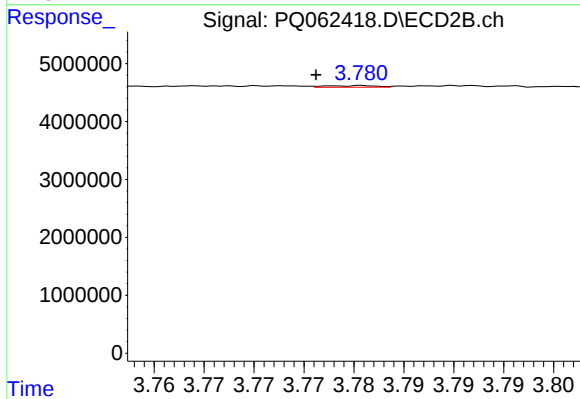
#3 AR-1016-1

R.T.: 3.758 min
Delta R.T.: -0.003 min
Response: 50463
Conc: 0.51 ng/ml



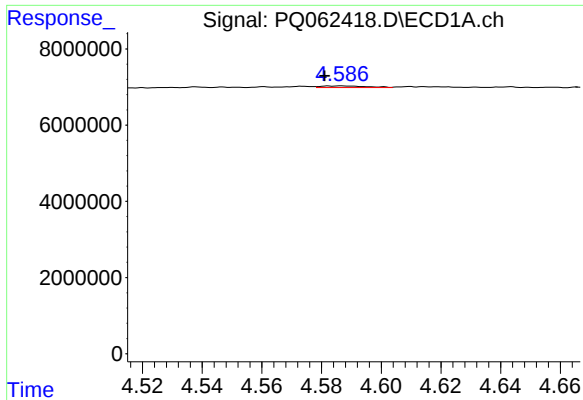
#4 AR-1016-2

R.T.: 4.538 min
Delta R.T.: 0.014 min
Response: -431621
Conc: N.D.



#4 AR-1016-2

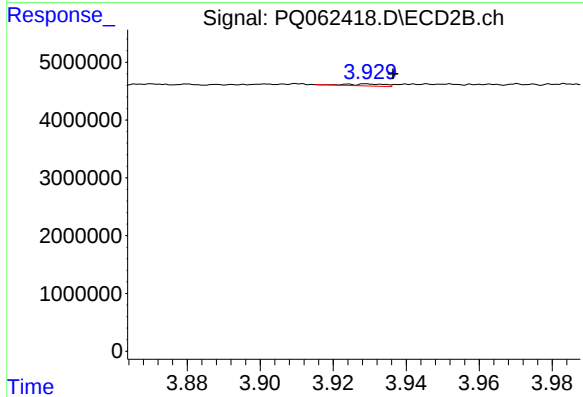
R.T.: 3.781 min
Delta R.T.: 0.005 min
Response: 98778
Conc: 0.69 ng/ml



#5 AR-1016-3

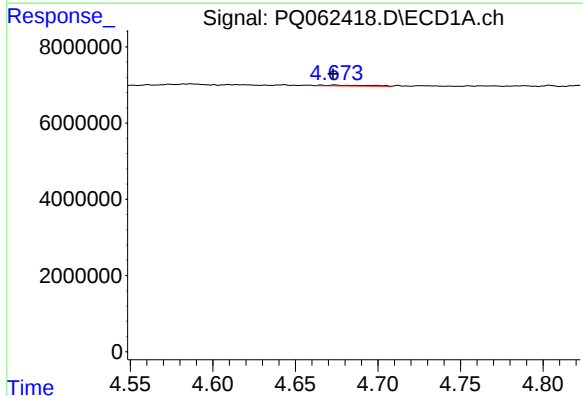
R.T.: 4.587 min
Delta R.T.: 0.006 min
Response: 428855
Conc: 2.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



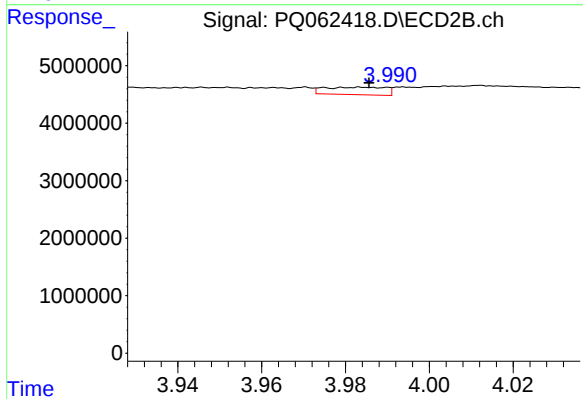
#5 AR-1016-3

R.T.: 3.929 min
Delta R.T.: -0.007 min
Response: 253459
Conc: 3.36 ng/ml



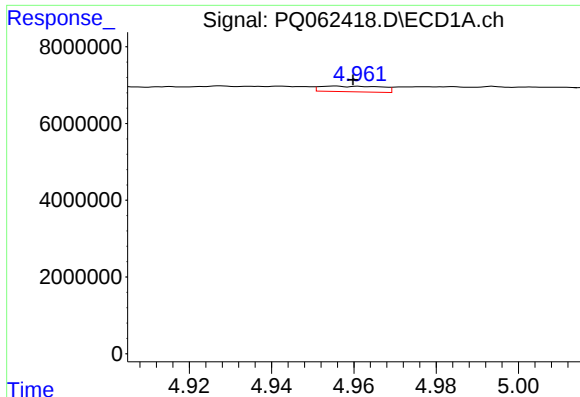
#6 AR-1016-4

R.T.: 4.674 min
Delta R.T.: 0.001 min
Response: 426148
Conc: 3.40 ng/ml



#6 AR-1016-4

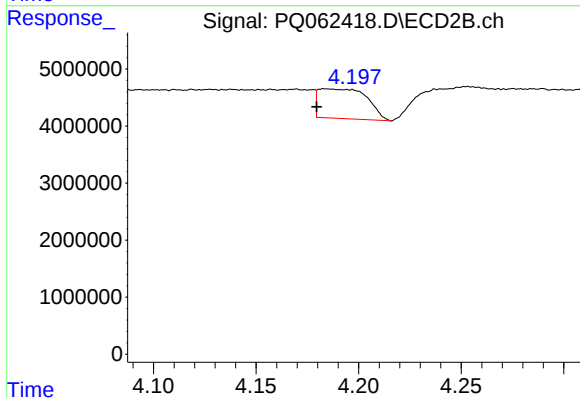
R.T.: 3.984 min
Delta R.T.: -0.002 min
Response: 1321158
Conc: 20.12 ng/ml



#7 AR-1016-5

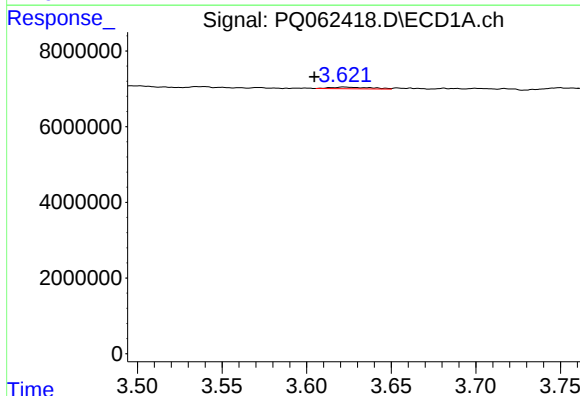
R.T.: 4.955 min
Delta R.T.: -0.005 min
Response: 1494058
Conc: 12.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



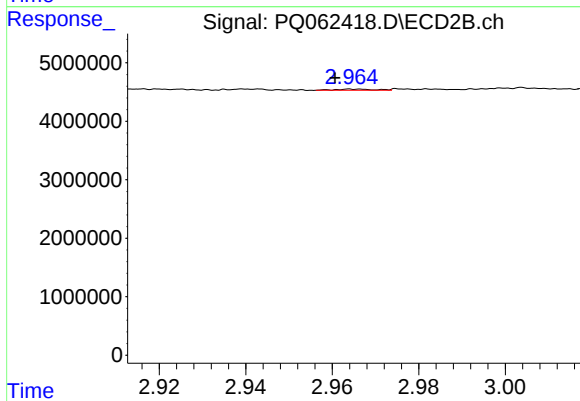
#7 AR-1016-5

R.T.: 4.183 min
Delta R.T.: 0.004 min
Response: 8581713
Conc: 104.68 ng/ml



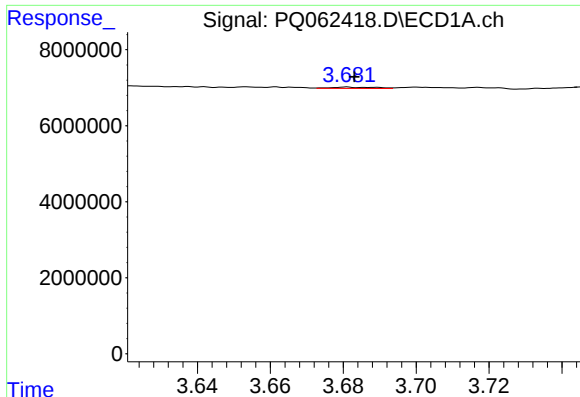
#8 AR-1221-1

R.T.: 3.622 min
Delta R.T.: 0.017 min
Response: 708461
Conc: 11.79 ng/ml



#8 AR-1221-1

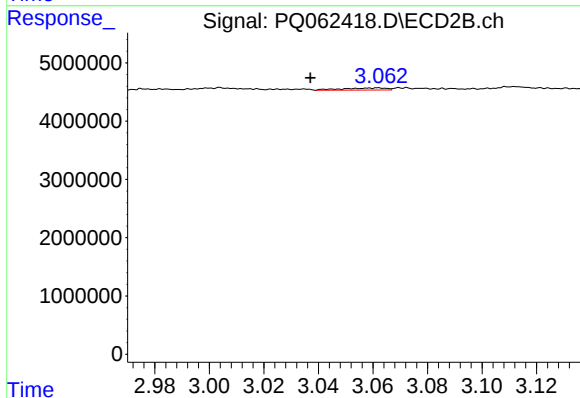
R.T.: 2.964 min
Delta R.T.: 0.004 min
Response: 123721
Conc: 3.75 ng/ml



#9 AR-1221-2

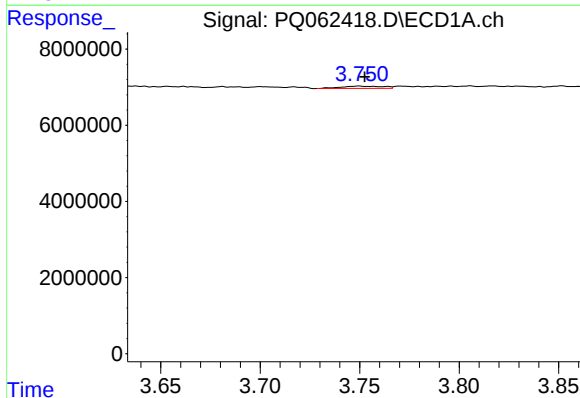
R.T.: 3.681 min
Delta R.T.: -0.002 min
Response: 291450
Conc: 6.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



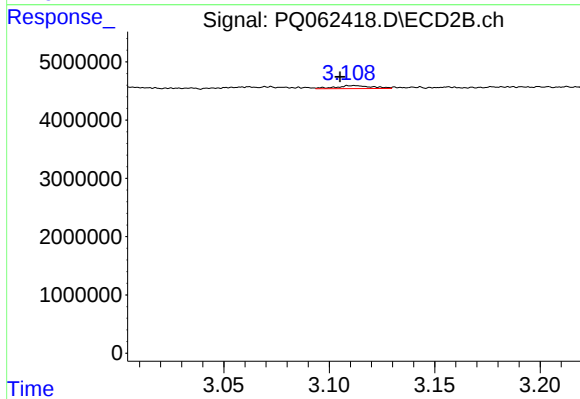
#9 AR-1221-2

R.T.: 3.062 min
Delta R.T.: 0.025 min
Response: 400085
Conc: 15.75 ng/ml



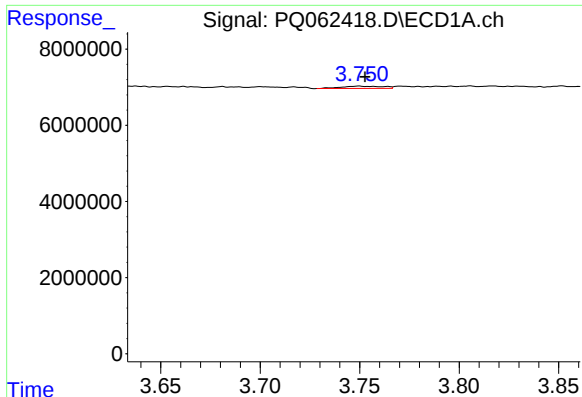
#10 AR-1221-3

R.T.: 3.750 min
Delta R.T.: -0.003 min
Response: 883750
Conc: 6.29 ng/ml



#10 AR-1221-3

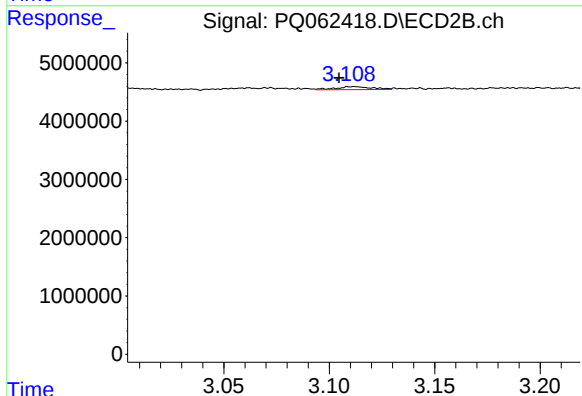
R.T.: 3.109 min
Delta R.T.: 0.004 min
Response: 589420
Conc: 7.65 ng/ml



#11 AR-1232-1

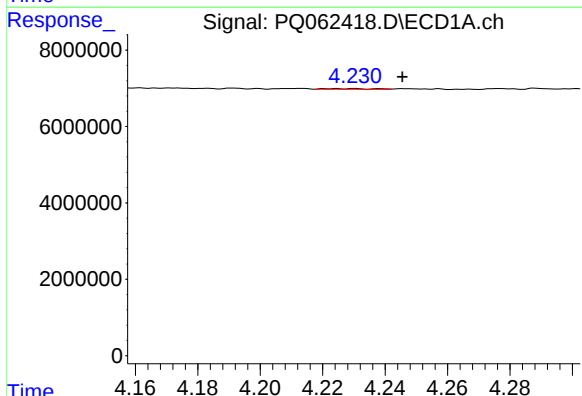
R.T.: 3.750 min
Delta R.T.: -0.003 min
Response: 883750
Conc: 8.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



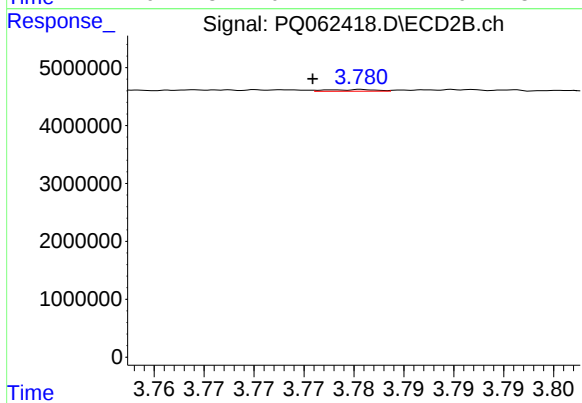
#11 AR-1232-1

R.T.: 3.109 min
Delta R.T.: 0.004 min
Response: 589420
Conc: 10.29 ng/ml



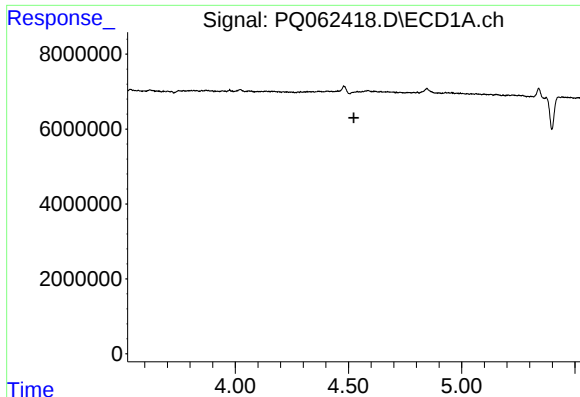
#12 AR-1232-2

R.T.: 4.230 min
Delta R.T.: -0.015 min
Response: 165450
Conc: 2.80 ng/ml



#12 AR-1232-2

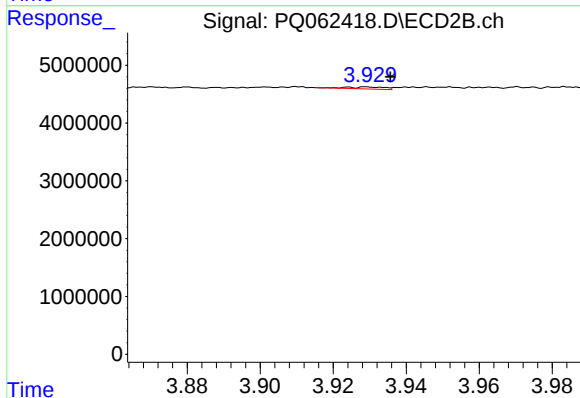
R.T.: 3.781 min
Delta R.T.: 0.005 min
Response: 98778
Conc: 1.48 ng/ml



#13 AR-1232-3

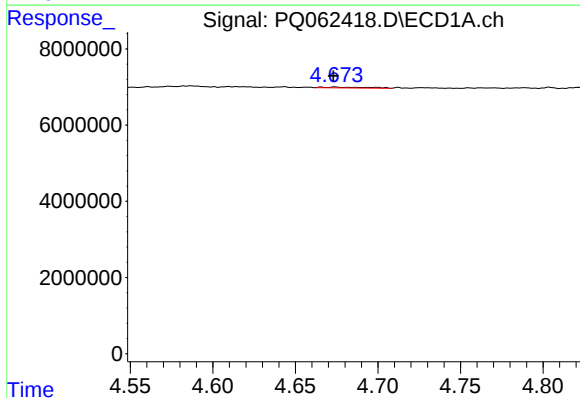
R.T.: 4.538 min
Delta R.T.: 0.014 min
Response: -431621
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



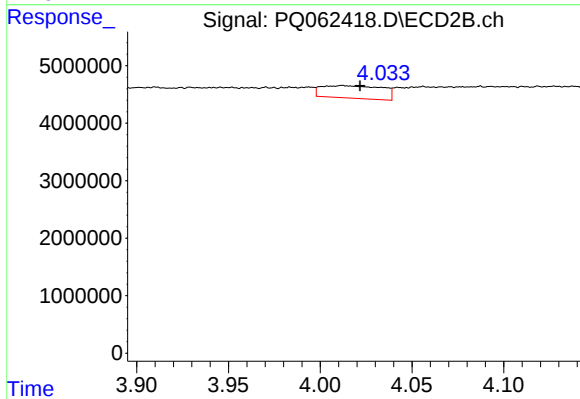
#13 AR-1232-3

R.T.: 3.929 min
Delta R.T.: -0.007 min
Response: 253459
Conc: 7.33 ng/ml



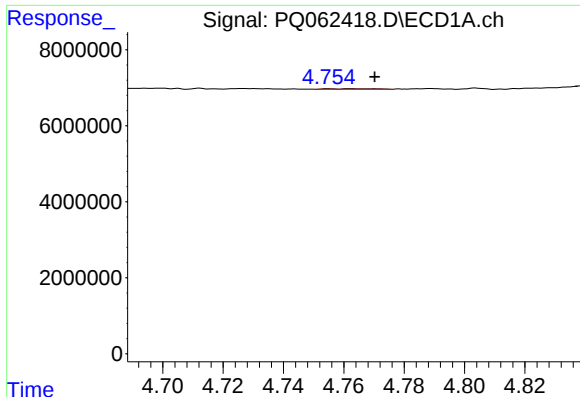
#14 AR-1232-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 426148
Conc: 7.52 ng/ml



#14 AR-1232-4

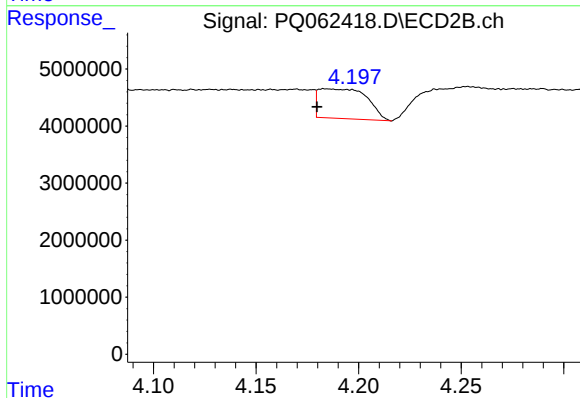
R.T.: 4.012 min
Delta R.T.: -0.010 min
Response: 4986708
Conc: 167.68 ng/ml



#15 AR-1232-5

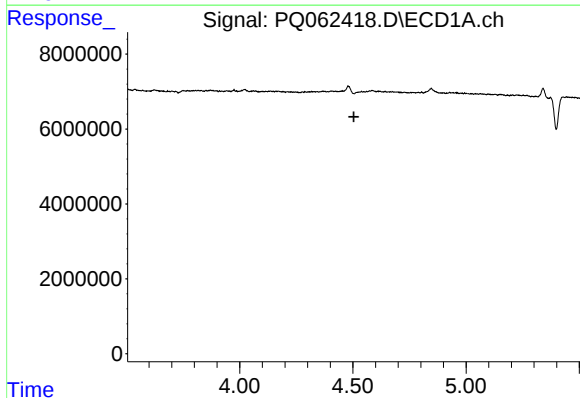
R.T.: 4.755 min
Delta R.T.: -0.015 min
Response: 158036
Conc: 3.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



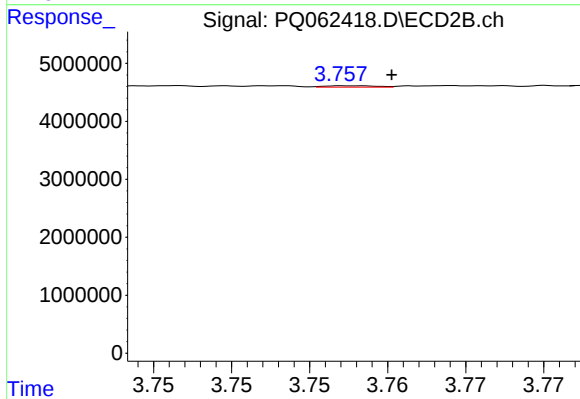
#15 AR-1232-5

R.T.: 4.183 min
Delta R.T.: 0.003 min
Response: 8581713
Conc: 240.65 ng/ml



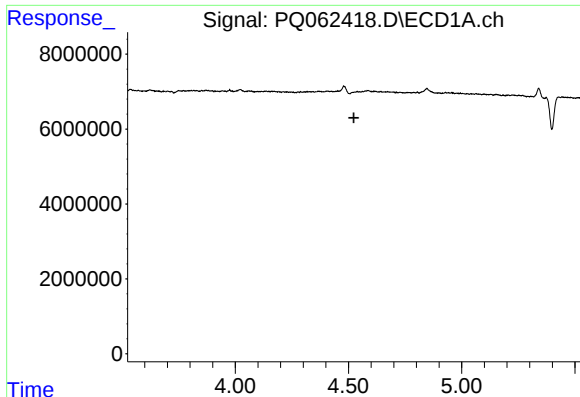
#16 AR-1242-1

R.T.: 4.538 min
Delta R.T.: 0.033 min
Response: -431621
Conc: N.D.



#16 AR-1242-1

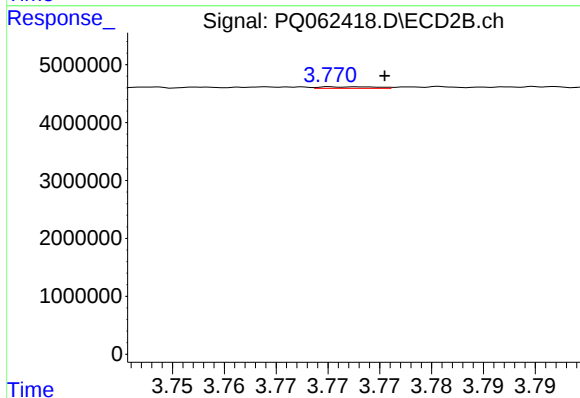
R.T.: 3.758 min
Delta R.T.: -0.002 min
Response: 50463
Conc: 0.65 ng/ml



#17 AR-1242-2

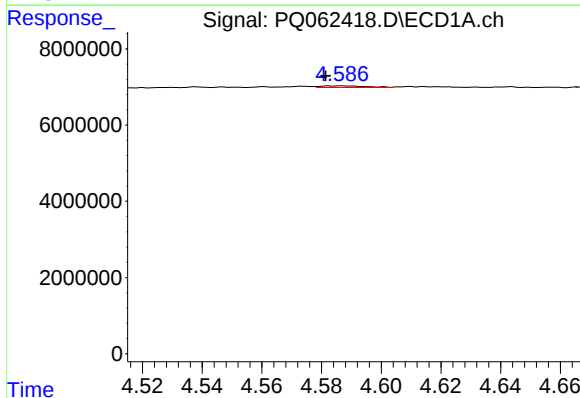
R.T.: 4.538 min
Delta R.T.: 0.014 min
Response: -431621
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



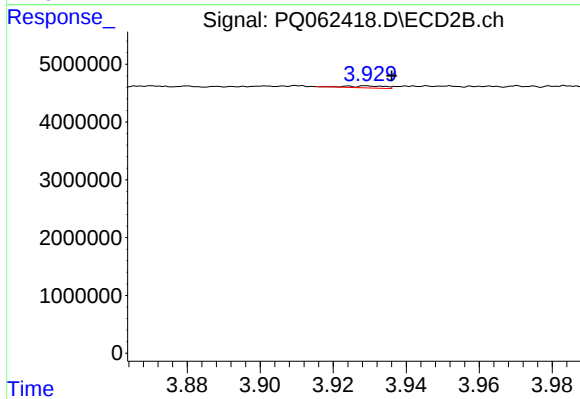
#17 AR-1242-2

R.T.: 3.771 min
Delta R.T.: -0.005 min
Response: 96954
Conc: 0.87 ng/ml



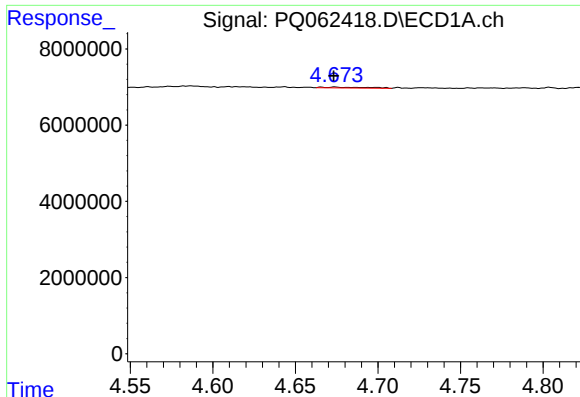
#18 AR-1242-3

R.T.: 4.587 min
Delta R.T.: 0.005 min
Response: 428855
Conc: 3.55 ng/ml



#18 AR-1242-3

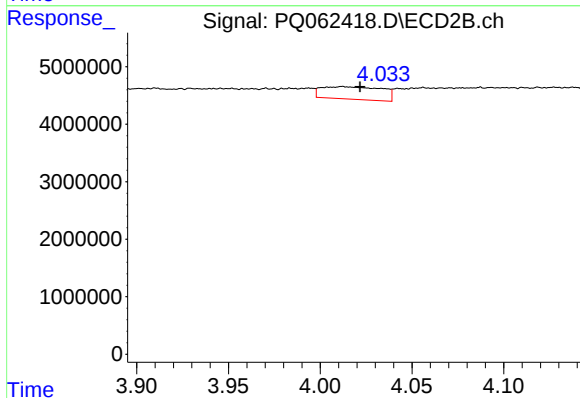
R.T.: 3.929 min
Delta R.T.: -0.007 min
Response: 253459
Conc: 4.33 ng/ml



#19 AR-1242-4

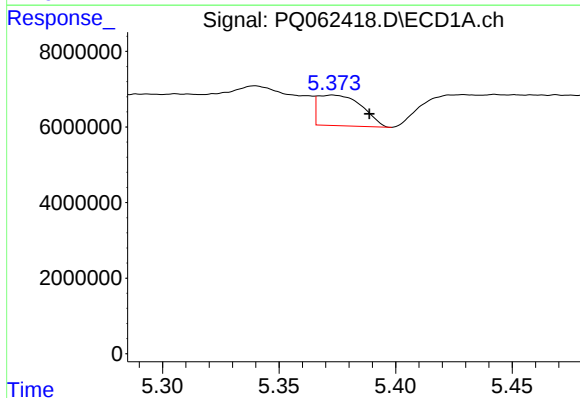
R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 426148
Conc: 4.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



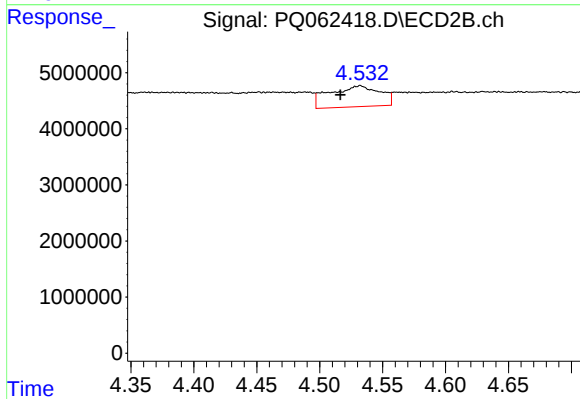
#19 AR-1242-4

R.T.: 4.012 min
Delta R.T.: -0.010 min
Response: 4986708
Conc: 85.06 ng/ml



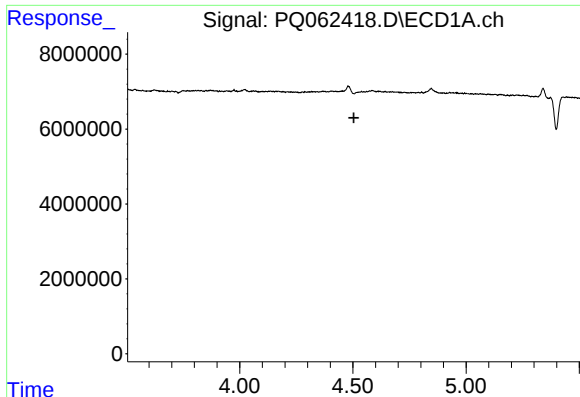
#20 AR-1242-5

R.T.: 5.373 min
Delta R.T.: -0.016 min
Response: 10622459
Conc: 110.96 ng/ml



#20 AR-1242-5

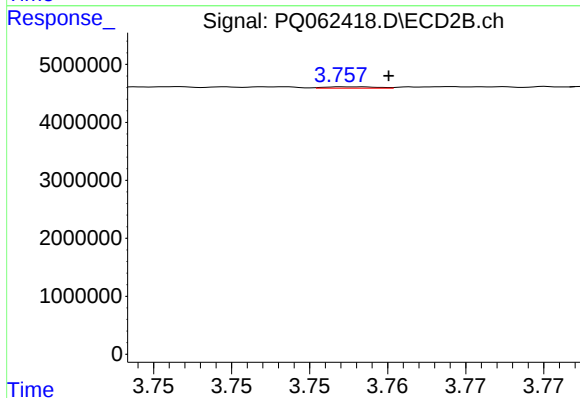
R.T.: 4.532 min
Delta R.T.: 0.016 min
Response: 10398735
Conc: 125.45 ng/ml



#21 AR-1248-1

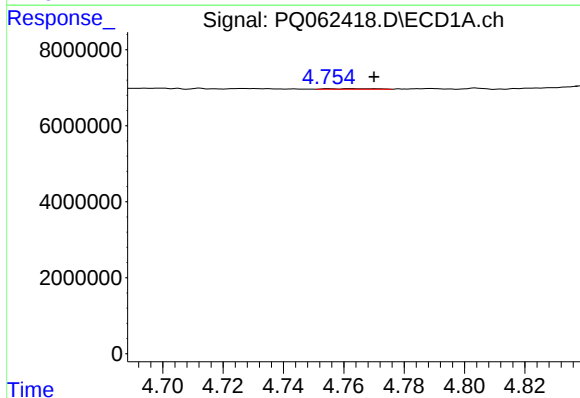
R.T.: 4.538 min
Delta R.T.: 0.033 min
Response: -431621
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



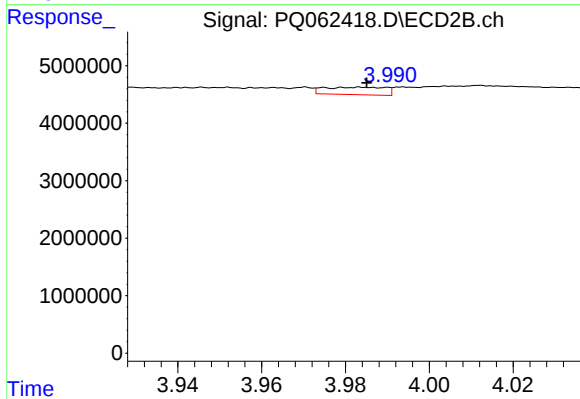
#21 AR-1248-1

R.T.: 3.758 min
Delta R.T.: -0.002 min
Response: 50463
Conc: 0.81 ng/ml



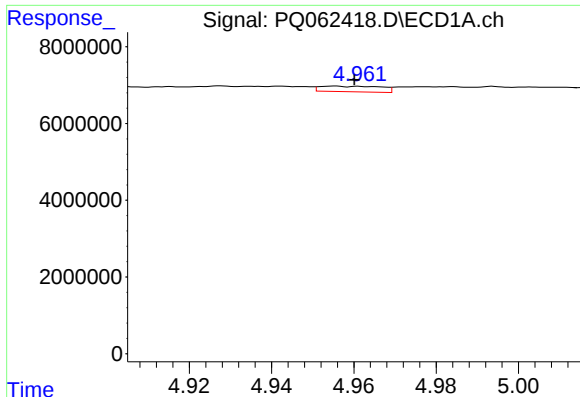
#22 AR-1248-2

R.T.: 4.755 min
Delta R.T.: -0.015 min
Response: 158036
Conc: 1.10 ng/ml



#22 AR-1248-2

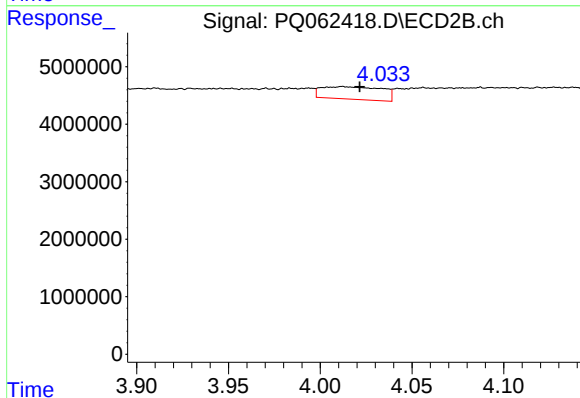
R.T.: 3.984 min
Delta R.T.: -0.001 min
Response: 1321158
Conc: 14.09 ng/ml



#23 AR-1248-3

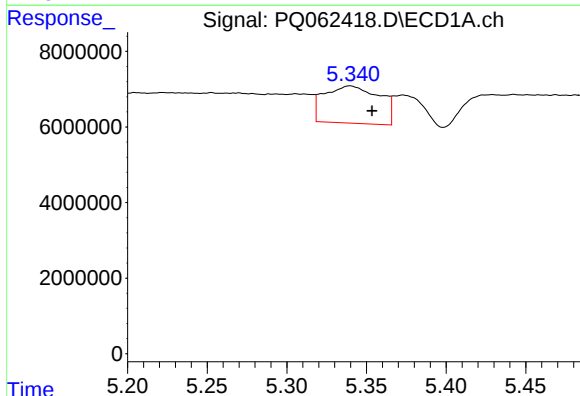
R.T.: 4.955 min
Delta R.T.: -0.005 min
Response: 1494058
Conc: 8.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



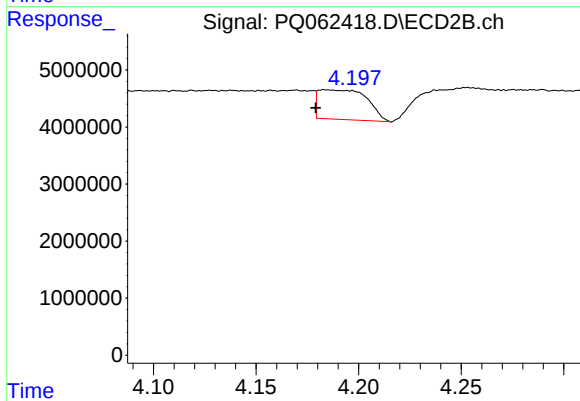
#23 AR-1248-3

R.T.: 4.012 min
Delta R.T.: -0.009 min
Response: 4986708
Conc: 55.08 ng/ml



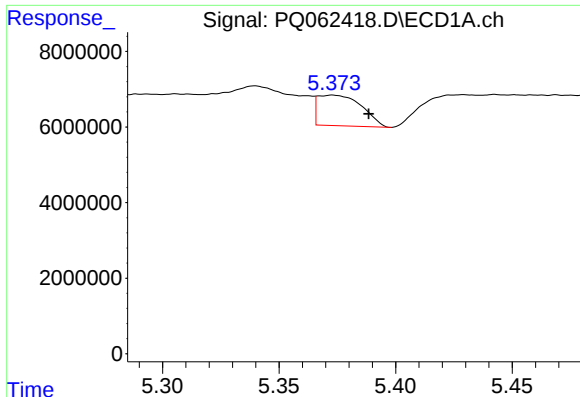
#24 AR-1248-4

R.T.: 5.340 min
Delta R.T.: -0.014 min
Response: 23820898
Conc: 124.11 ng/ml



#24 AR-1248-4

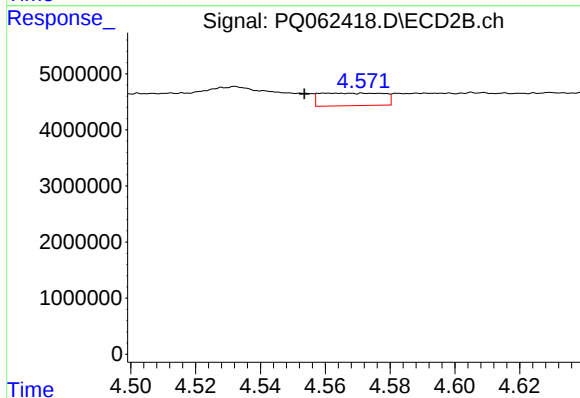
R.T.: 4.183 min
Delta R.T.: 0.004 min
Response: 8581713
Conc: 76.05 ng/ml



#25 AR-1248-5

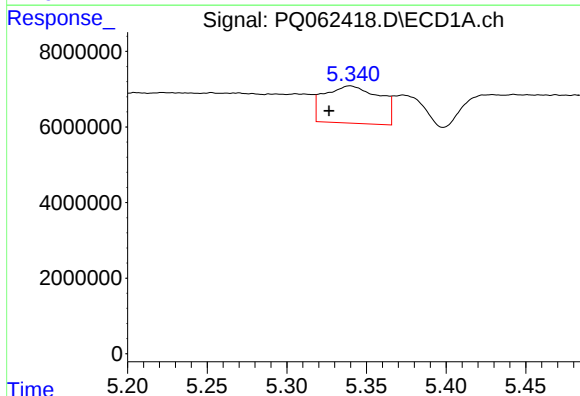
R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 10622459
Conc: 58.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



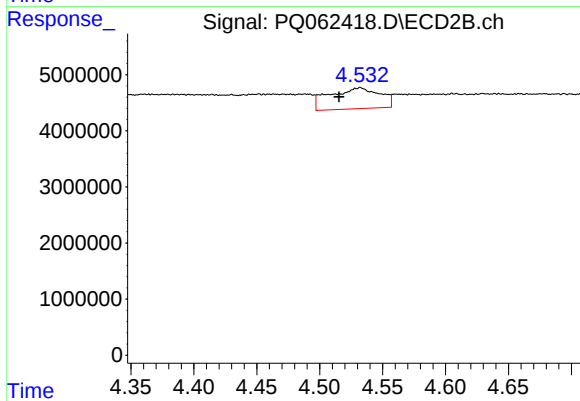
#25 AR-1248-5

R.T.: 4.561 min
Delta R.T.: 0.007 min
Response: 3051652
Conc: 27.24 ng/ml



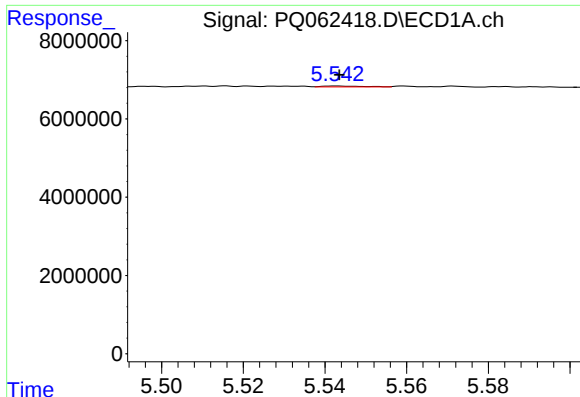
#26 AR-1254-1

R.T.: 5.340 min
Delta R.T.: 0.013 min
Response: 23820898
Conc: 128.19 ng/ml



#26 AR-1254-1

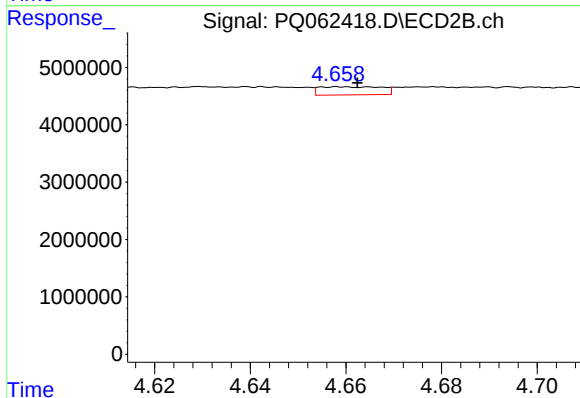
R.T.: 4.532 min
Delta R.T.: 0.017 min
Response: 10398735
Conc: 64.40 ng/ml



#27 AR-1254-2

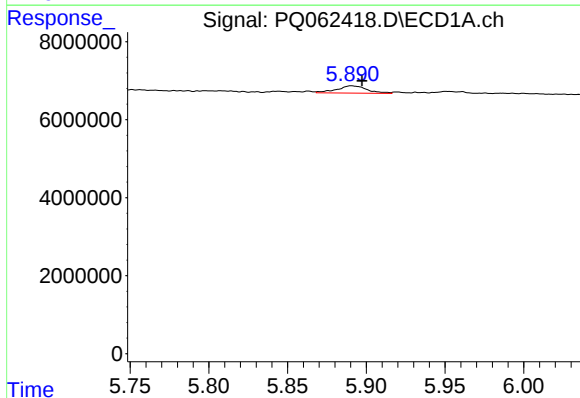
R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 179506
Conc: 0.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



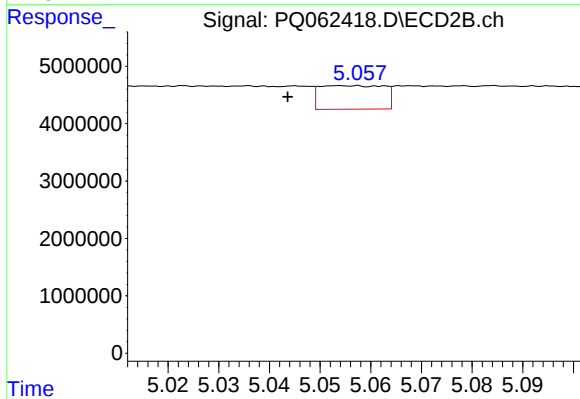
#27 AR-1254-2

R.T.: 4.659 min
Delta R.T.: -0.004 min
Response: 1277250
Conc: 8.68 ng/ml



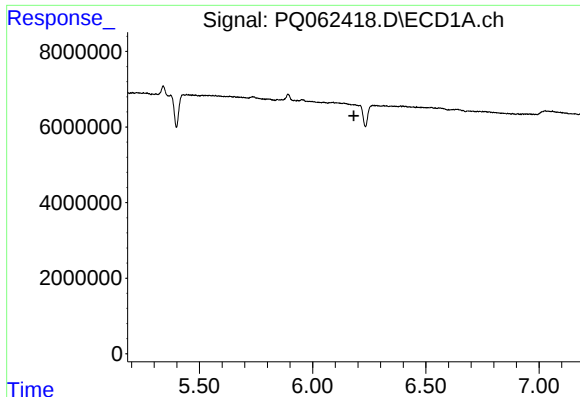
#28 AR-1254-3

R.T.: 5.891 min
Delta R.T.: -0.007 min
Response: 2492377
Conc: 8.11 ng/ml



#28 AR-1254-3

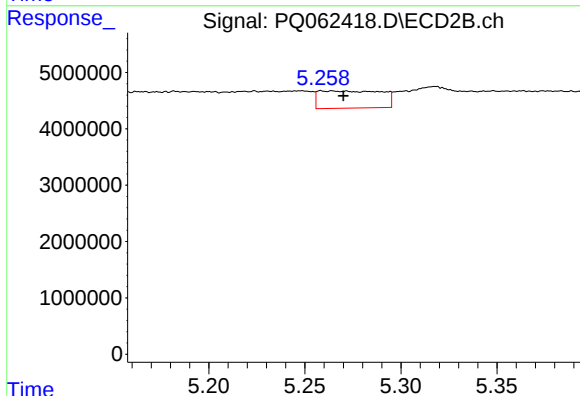
R.T.: 5.054 min
Delta R.T.: 0.011 min
Response: 3621162
Conc: 15.49 ng/ml



#29 AR-1254-4

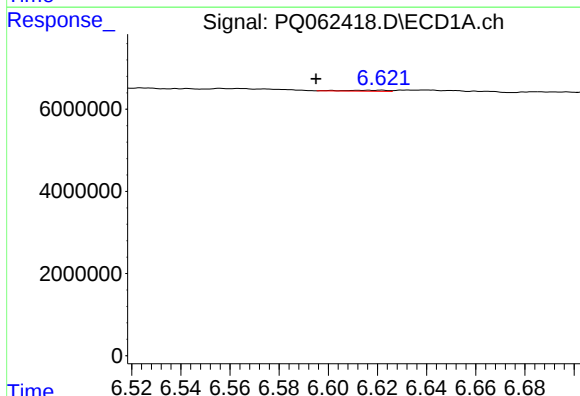
R.T.: 0.000 min
Exp R.T.: 6.182 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



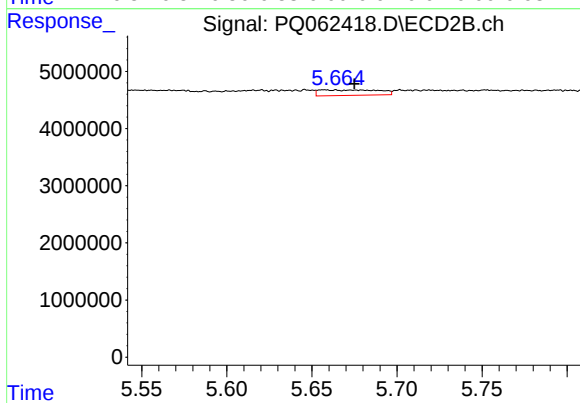
#29 AR-1254-4

R.T.: 5.259 min
Delta R.T.: -0.011 min
Response: 6922156
Conc: 45.42 ng/ml



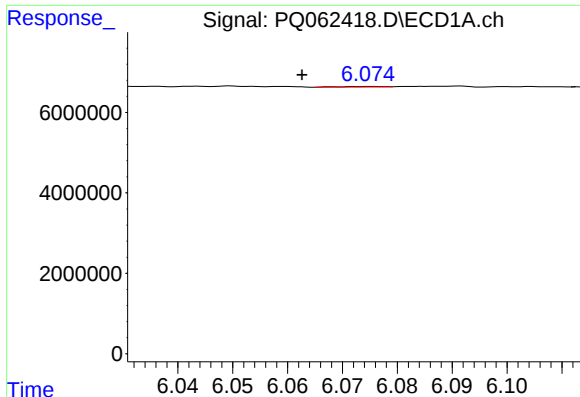
#30 AR-1254-5

R.T.: 6.621 min
Delta R.T.: 0.026 min
Response: 288164
Conc: 1.12 ng/ml



#30 AR-1254-5

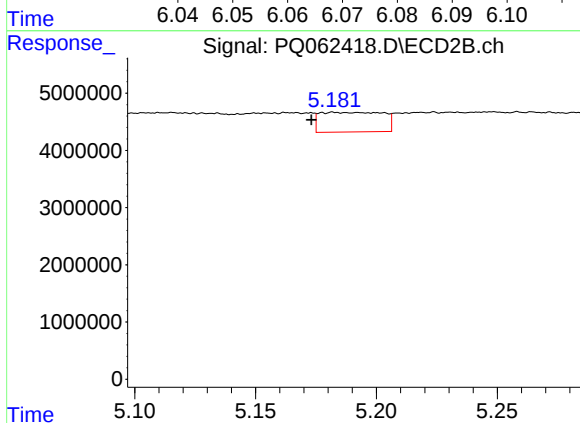
R.T.: 5.664 min
Delta R.T.: -0.011 min
Response: 2354379
Conc: 10.20 ng/ml



#31 AR-1260-1

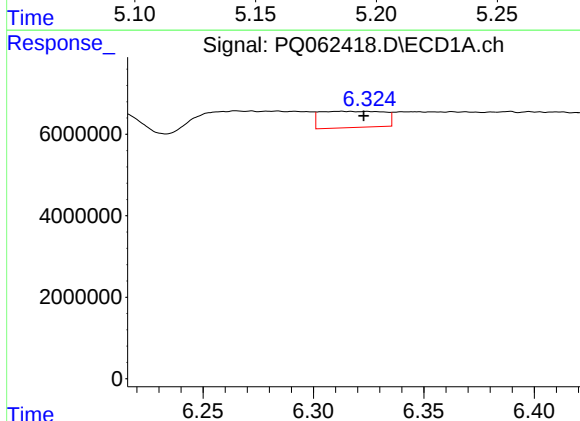
R.T.: 6.075 min
Delta R.T.: 0.012 min
Response: 82492
Conc: 0.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



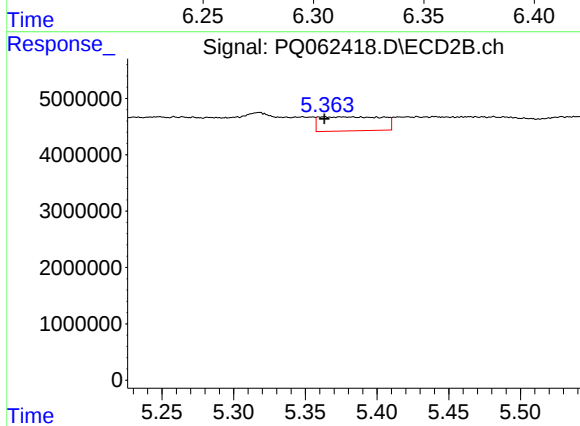
#31 AR-1260-1

R.T.: 5.183 min
Delta R.T.: 0.009 min
Response: 6245801
Conc: 37.50 ng/ml



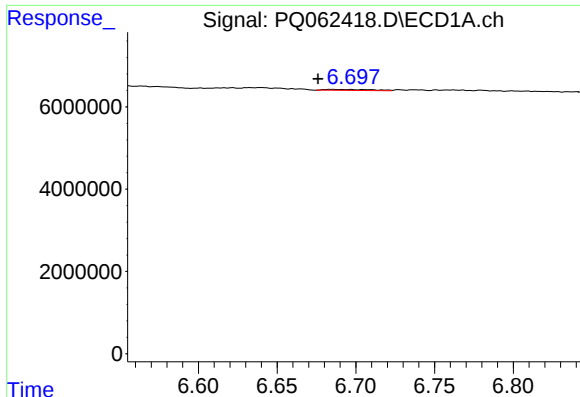
#32 AR-1260-2

R.T.: 6.313 min
Delta R.T.: -0.010 min
Response: 8010125
Conc: 27.73 ng/ml



#32 AR-1260-2

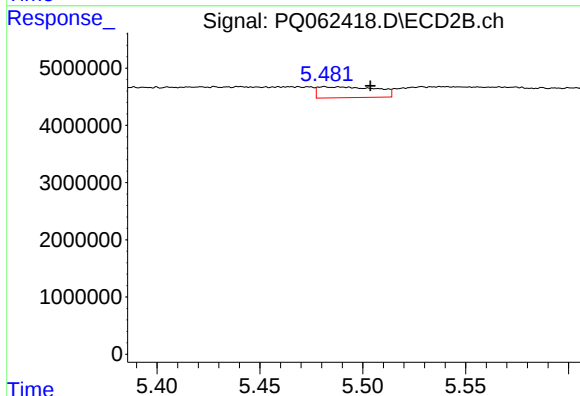
R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 7584568
Conc: 36.47 ng/ml



#33 AR-1260-3

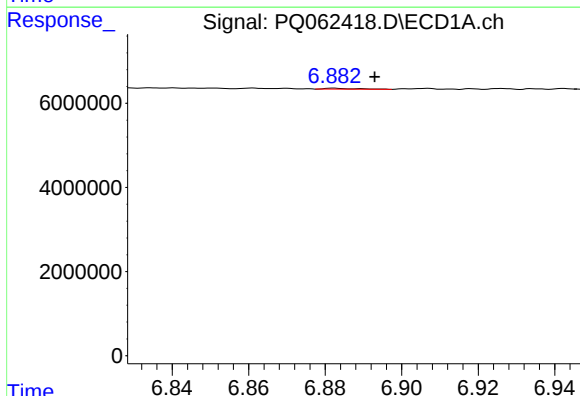
R.T.: 6.684 min
Delta R.T.: 0.008 min
Response: 532624
Conc: 3.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



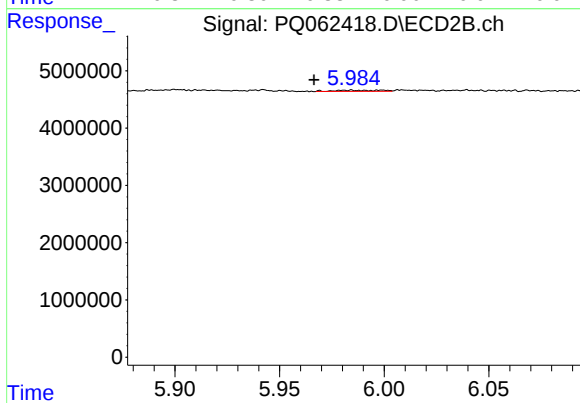
#33 AR-1260-3

R.T.: 5.481 min
Delta R.T.: -0.023 min
Response: 3735419
Conc: 19.20 ng/ml



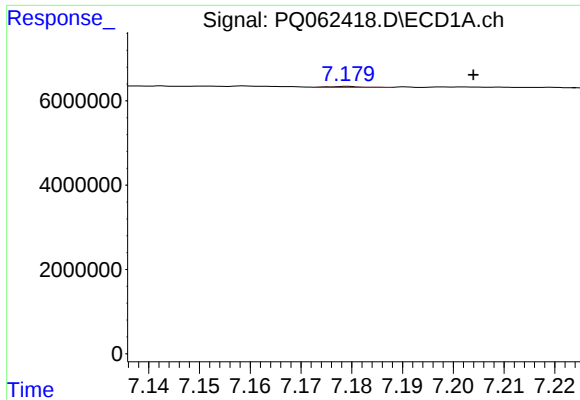
#34 AR-1260-4

R.T.: 6.882 min
Delta R.T.: -0.010 min
Response: 125381
Conc: 0.60 ng/ml



#34 AR-1260-4

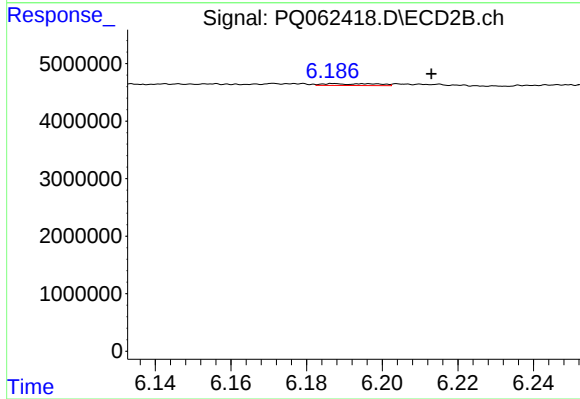
R.T.: 5.984 min
Delta R.T.: 0.017 min
Response: 295732
Conc: 2.03 ng/ml



#35 AR-1260-5

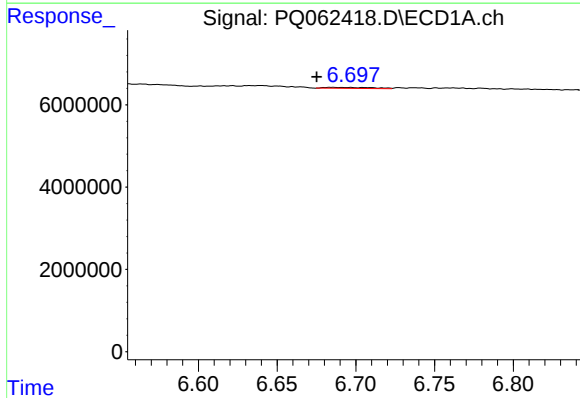
R.T.: 7.179 min
Delta R.T.: -0.025 min
Response: 84448
Conc: 0.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



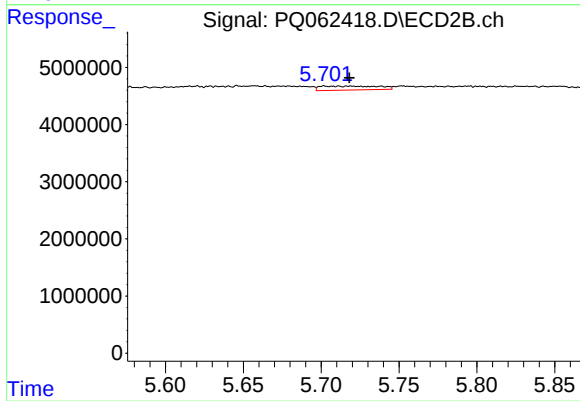
#35 AR-1260-5

R.T.: 6.187 min
Delta R.T.: -0.026 min
Response: 319317
Conc: 0.96 ng/ml



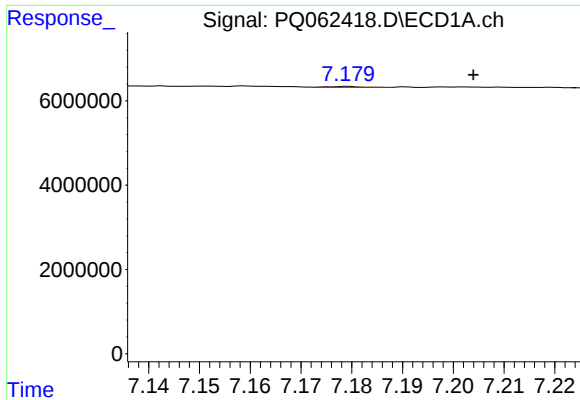
#36 AR-1262-1

R.T.: 6.684 min
Delta R.T.: 0.009 min
Response: 532624
Conc: 1.75 ng/ml



#36 AR-1262-1

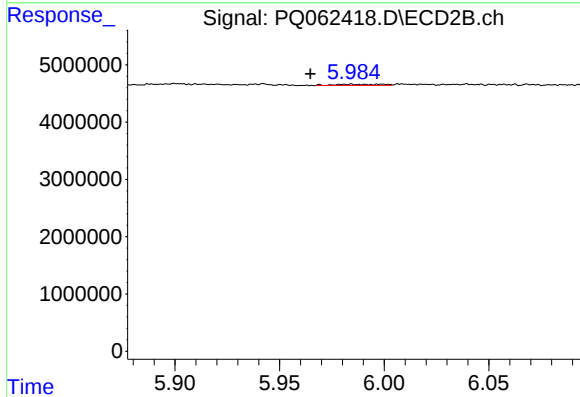
R.T.: 5.702 min
Delta R.T.: -0.016 min
Response: 1799111
Conc: 7.74 ng/ml



#37 AR-1262-2

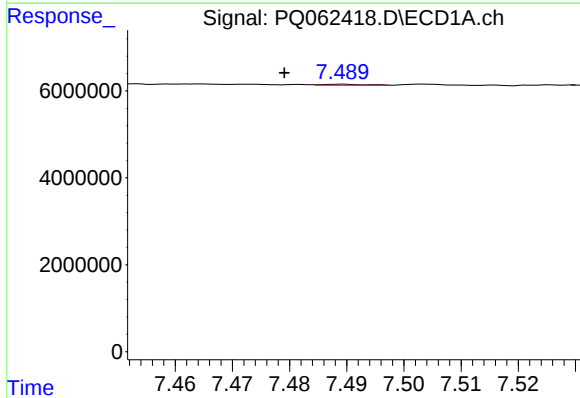
R.T.: 7.179 min
Delta R.T.: -0.025 min
Response: 84448
Conc: 0.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



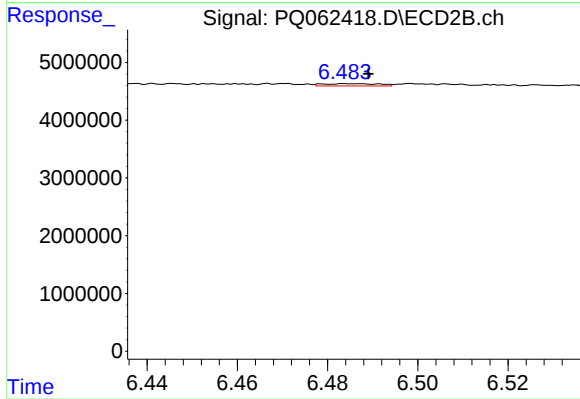
#37 AR-1262-2

R.T.: 5.984 min
Delta R.T.: 0.019 min
Response: 295732
Conc: 1.37 ng/ml



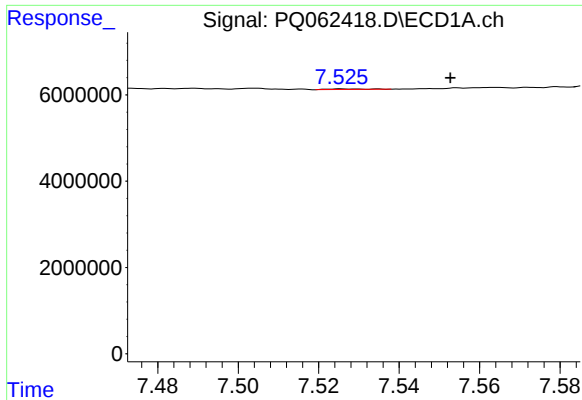
#38 AR-1262-3

R.T.: 7.489 min
Delta R.T.: 0.010 min
Response: 124714
Conc: 0.35 ng/ml



#38 AR-1262-3

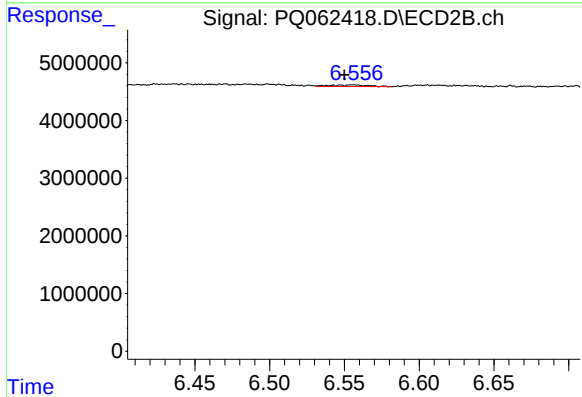
R.T.: 6.485 min
Delta R.T.: -0.004 min
Response: 347685
Conc: 1.99 ng/ml



#39 AR-1262-4

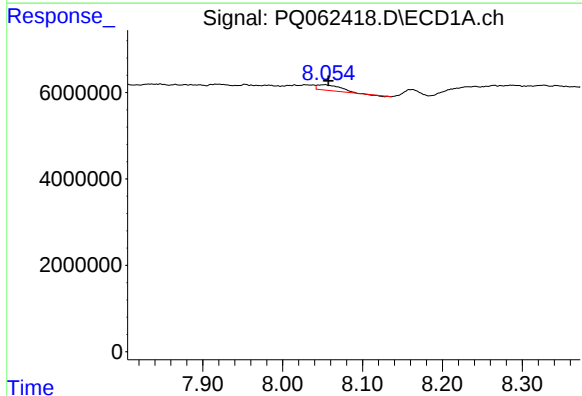
R.T.: 7.526 min
Delta R.T.: -0.027 min
Response: 81824
Conc: 0.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



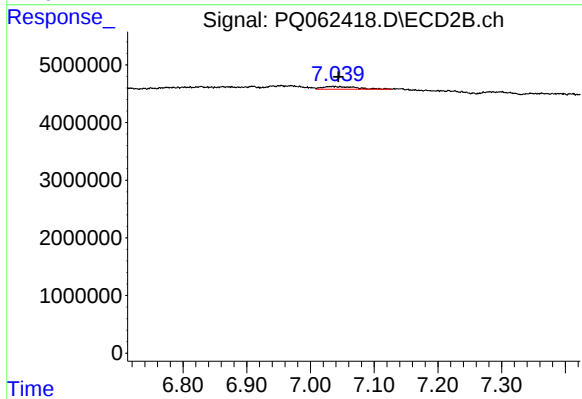
#39 AR-1262-4

R.T.: 6.556 min
Delta R.T.: 0.006 min
Response: 506293
Conc: 1.57 ng/ml



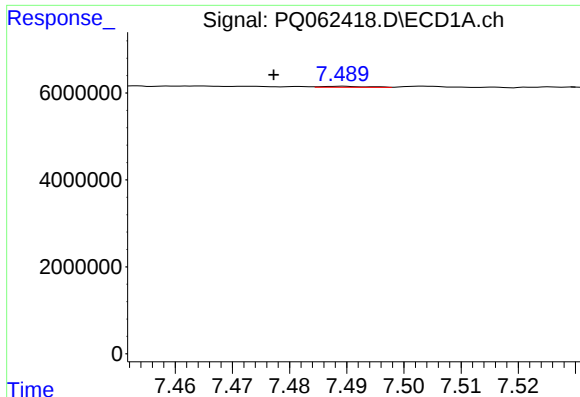
#40 AR-1262-5

R.T.: 8.053 min
Delta R.T.: -0.005 min
Response: 2511534
Conc: 14.15 ng/ml



#40 AR-1262-5

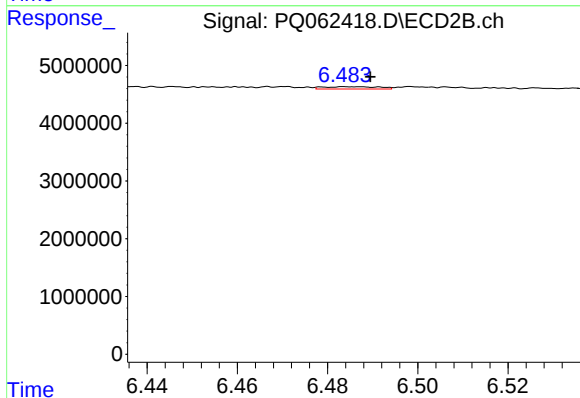
R.T.: 7.035 min
Delta R.T.: -0.009 min
Response: 1685689
Conc: 10.87 ng/ml



#41 AR-1268-1

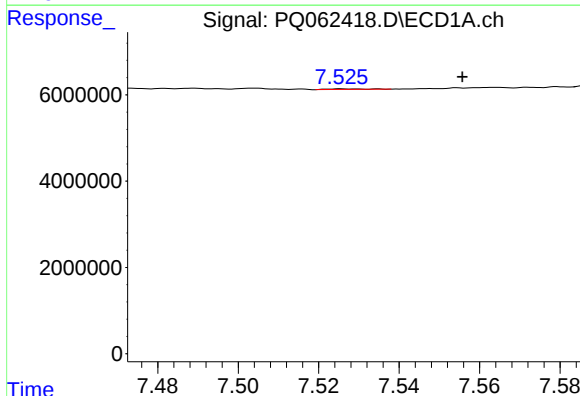
R.T.: 7.489 min
Delta R.T.: 0.012 min
Response: 124714
Conc: 0.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



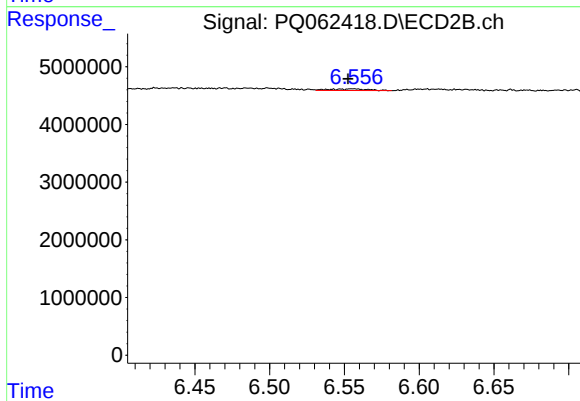
#41 AR-1268-1

R.T.: 6.485 min
Delta R.T.: -0.004 min
Response: 347685
Conc: 0.74 ng/ml



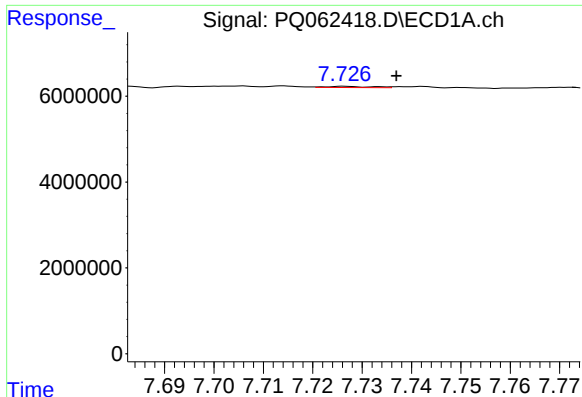
#42 AR-1268-2

R.T.: 7.526 min
Delta R.T.: -0.030 min
Response: 81824
Conc: 0.16 ng/ml



#42 AR-1268-2

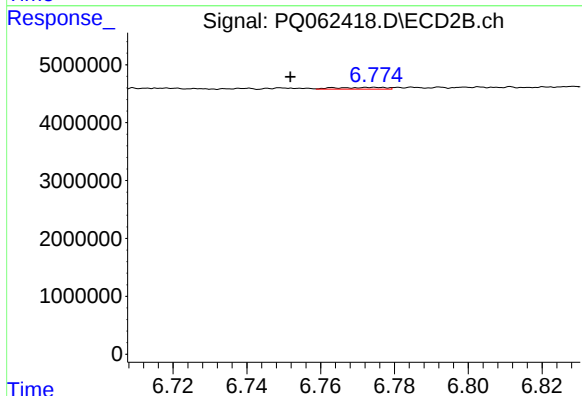
R.T.: 6.556 min
Delta R.T.: 0.003 min
Response: 506293
Conc: 1.19 ng/ml



#43 AR-1268-3

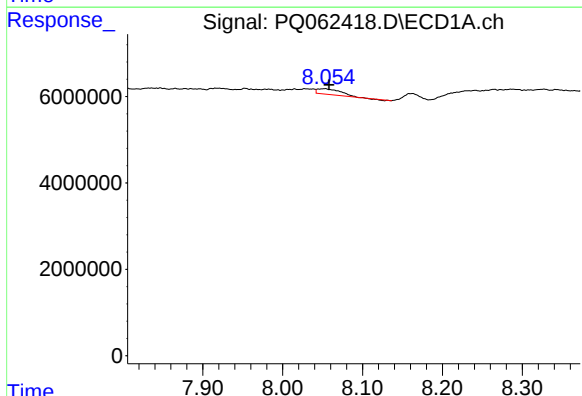
R.T.: 7.726 min
Delta R.T.: -0.010 min
Response: 177706
Conc: 0.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



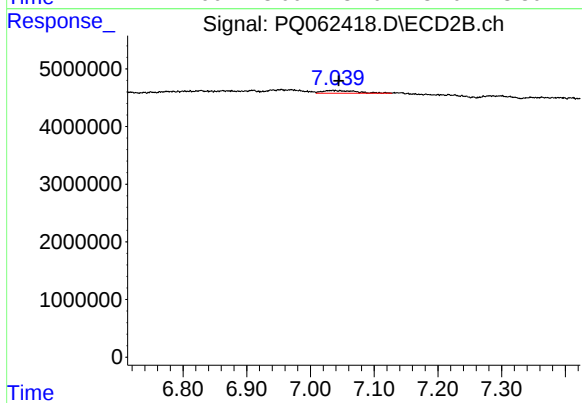
#43 AR-1268-3

R.T.: 6.774 min
Delta R.T.: 0.023 min
Response: 286210
Conc: 0.78 ng/ml



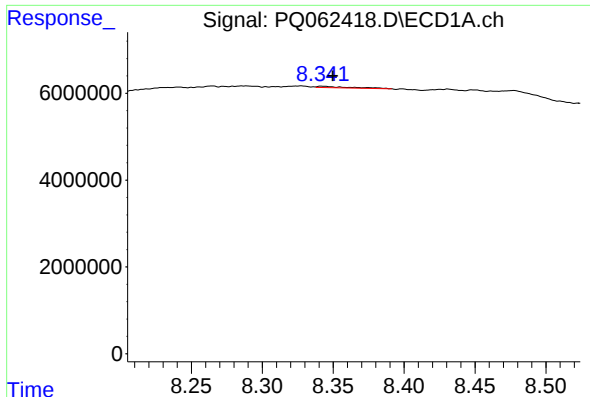
#44 AR-1268-4

R.T.: 8.053 min
Delta R.T.: -0.005 min
Response: 2511534
Conc: 13.73 ng/ml



#44 AR-1268-4

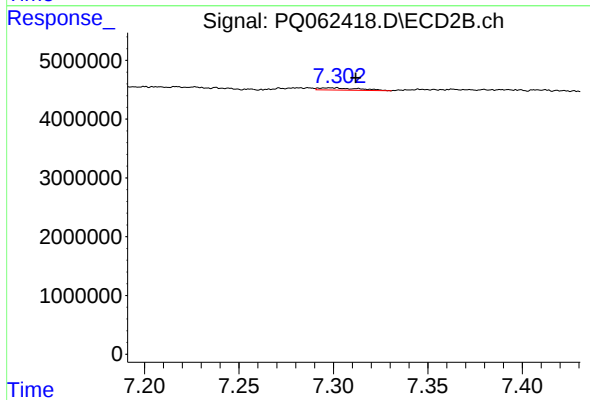
R.T.: 7.035 min
Delta R.T.: -0.009 min
Response: 1685689
Conc: 10.54 ng/ml



#45 AR-1268-5

R.T.: 8.342 min
Delta R.T.: -0.008 min
Response: 466858
Conc: 0.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.298 min
Delta R.T.: -0.014 min
Response: 548863
Conc: 0.47 ng/ml