

Data Path : P:\HPCHEM1\ECD_Q\Data\PQ051018\
 Data File : PQ028499.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 May 2018 14:46
 Operator : UA/SM
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 11 08:52:35 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...	4.607	3.772	2047.9E6	230.6E6	24.781	25.784
2)	SA Decachlor...	10.347	8.716	1319.8E6	261.6E6	21.648	22.528
Target Compounds							
3)	L1 AR-1016-1	4.912	4.616	31531033	3847744	23.831	15.762 #
4)	L1 AR-1016-2	0.000	5.030	0	294758	N.D.	1.075 #
5)	L1 AR-1016-3	0.000	5.078	0	1636303	N.D.	7.666 #
6)	L1 AR-1016-4	0.000	5.121	0	788801	N.D.	3.019 #
7)	L1 AR-1016-5	0.000	5.285	0	8977836	N.D.	31.048 #
8)	L2 AR-1221-1	0.000	3.990	0	542781	N.D.	2.717 #
9)	L2 AR-1221-2	4.912	4.069	31531033	5364509	24.246	35.997 #
10)	L2 AR-1221-3	4.912	4.148	31531033	2491194	7.530	5.424 #
11)	L3 AR-1232-1	4.912	4.148	31531033	2491194	18.609	11.857 #
12)	L3 AR-1232-2	0.000	4.916	0	3299878	N.D.	17.788 #
13)	L3 AR-1232-3	0.000	5.030	0	294758	N.D.	2.126 #
14)	L3 AR-1232-4	0.000	5.285	0	8977836	N.D.	61.124 #
15)	L3 AR-1232-5	0.000	5.656	0	12681466	N.D.	77.666 #
16)	L4 AR-1242-1	0.000	4.616	0	3847744	N.D.	19.795 #
17)	L4 AR-1242-2	0.000	4.846	0	5298364	N.D.	11.644 #
18)	L4 AR-1242-3	0.000	5.030	0	294758	N.D.	1.419 #
19)	L4 AR-1242-4	0.000	5.121	0	788801	N.D.	3.905 #
20)	L4 AR-1242-5	0.000	5.285	0	8977836	N.D.	39.659 #
21)	L5 AR-1248-1	0.000	5.078	0	1636303	N.D.	5.543 #
22)	L5 AR-1248-2	0.000	5.121	0	788801	N.D.	2.562 #
23)	L5 AR-1248-3	6.602	5.285	315.1E6	8977836	78.660	23.000 #
24)	L5 AR-1248-4	6.689	5.656	19266492	12681466	5.254	22.584 #
25)	L5 AR-1248-5	0.000	5.656	0	12681466	N.D.	30.718 #
26)	L6 AR-1254-1	6.602	5.656	315.1E6	12681466	91.045	23.647 #
27)	L6 AR-1254-2	0.000	5.775	0	2751936	N.D.	6.001 #
28)	L6 AR-1254-3	7.178	6.179	55631563	9666329	9.347	12.199 #
29)	L6 AR-1254-4	7.451	6.363	-57862175	10616285	N.D.	19.490 #
30)	L6 AR-1254-5	0.000	6.637	0	21357964	N.D.	61.719 #
31)	L7 AR-1260-1	0.000	6.302	0	10597965	N.D.	17.184 #
32)	L7 AR-1260-2	0.000	6.637	0	21357964	N.D.	30.157 #
33)	L7 AR-1260-3	0.000	7.104	0	20263501	N.D.	34.185 #
34)	L7 AR-1260-4	0.000	7.341	0	10103055	N.D.	6.908 #
35)	L7 AR-1260-5	0.000	7.676	0	9107852	N.D.	8.669 #
36)	L8 AR-1262-1	0.000	6.302	0	10597965	N.D.	21.165 #
37)	L8 AR-1262-2	0.000	6.481	0	14031560	N.D.	21.991 #
38)	L8 AR-1262-3	0.000	6.842	0	5518692	N.D.	6.089 #
39)	L8 AR-1262-4	0.000	7.104	0	20263501	N.D.	25.482 #
40)	L8 AR-1262-5	0.000	7.341	0	10103055	N.D.	6.016 #
41)	L9 AR-1268-1	0.000	7.676	0	9107852	N.D.	5.019 #

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 Operator : UA/SM
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

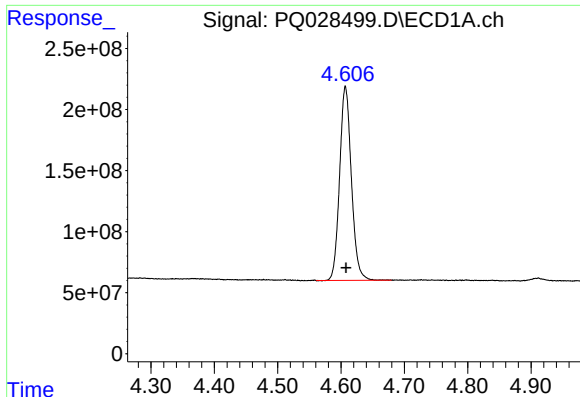
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 11 08:52:35 2018
 Quant Method : P:\HPCHEM1\ECD_Q\Method\PQ051018.M
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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
42) L9	AR-1268-2	0.000	7.676	0	9107852	N.D.	5.138 #
43) L9	AR-1268-3	0.000	7.896	0	4090395	N.D.	2.971 #
44) L9	AR-1268-4	0.000	8.169	0	3683740	N.D.	5.855 #
45) L9	AR-1268-5	0.000	8.465	0	7864817	N.D.	1.788 #

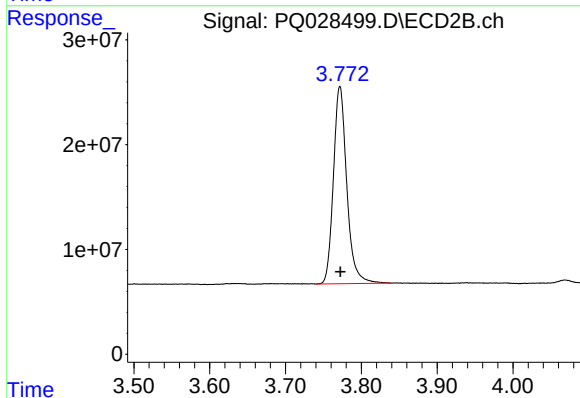
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

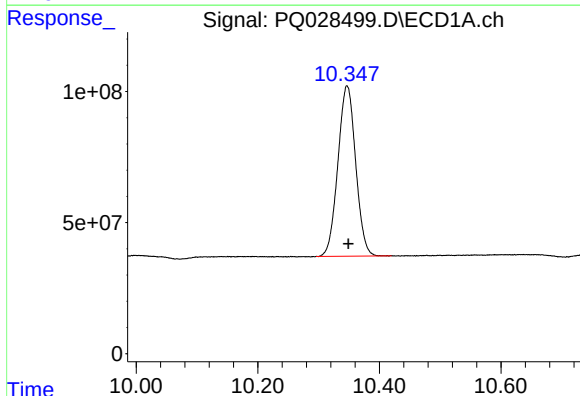
R.T.: 4.607 min
Delta R.T.: 0.000 min
Response: 2047876284
Conc: 24.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



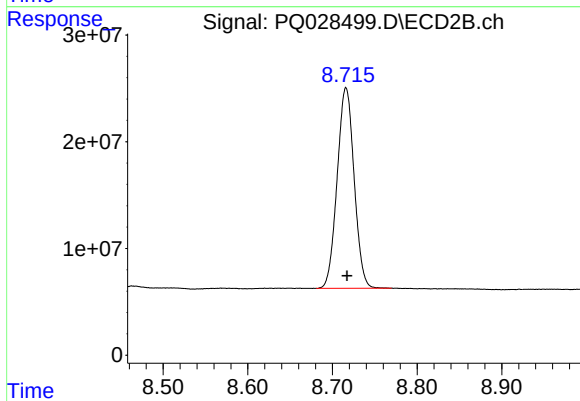
#1 Tetrachloro-m-xylene

R.T.: 3.772 min
Delta R.T.: 0.000 min
Response: 230554937
Conc: 25.78 ng/ml



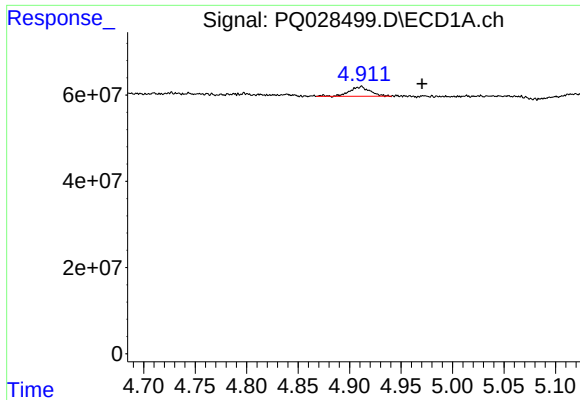
#2 Decachlorobiphenyl

R.T.: 10.347 min
Delta R.T.: -0.002 min
Response: 1319821137
Conc: 21.65 ng/ml



#2 Decachlorobiphenyl

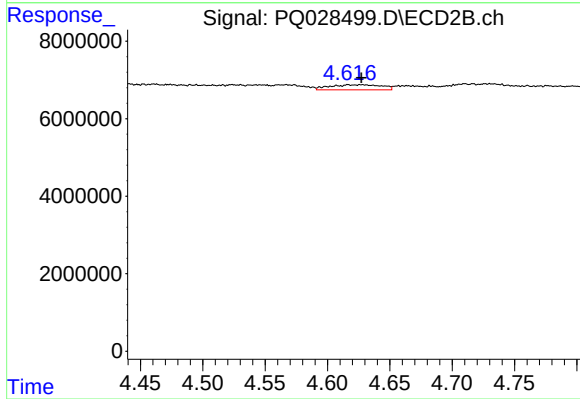
R.T.: 8.716 min
Delta R.T.: -0.001 min
Response: 261615575
Conc: 22.53 ng/ml



#3 AR-1016-1

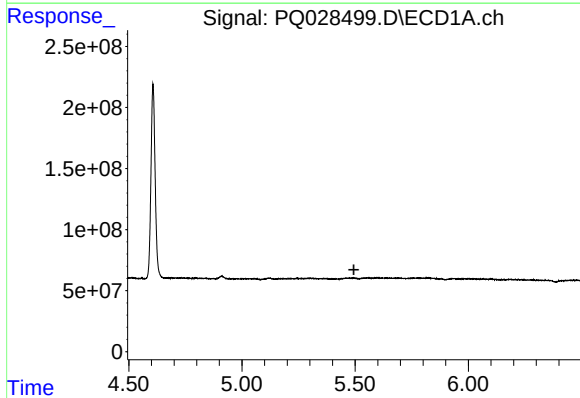
R.T.: 4.912 min
Delta R.T.: -0.059 min
Response: 31531033
Conc: 23.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



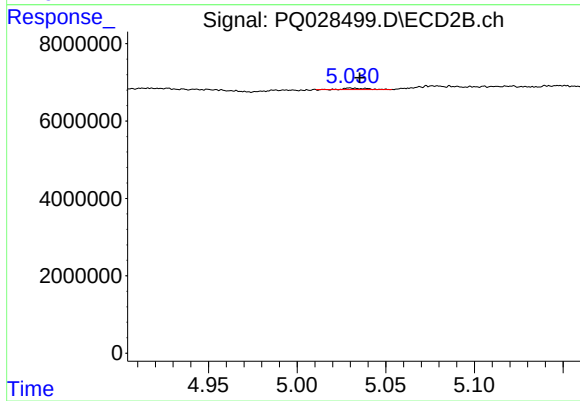
#3 AR-1016-1

R.T.: 4.616 min
Delta R.T.: -0.011 min
Response: 3847744
Conc: 15.76 ng/ml



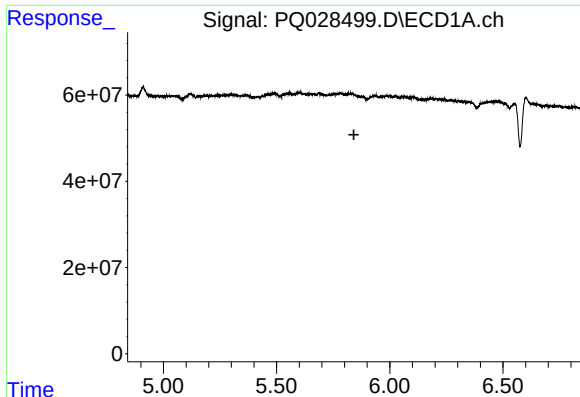
#4 AR-1016-2

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



#4 AR-1016-2

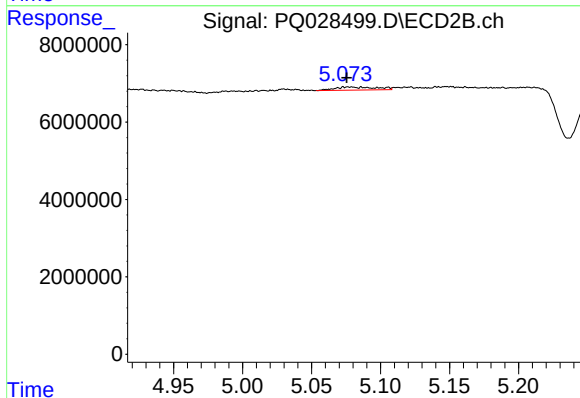
R.T.: 5.030 min
Delta R.T.: -0.005 min
Response: 294758
Conc: 1.08 ng/ml



#5 AR-1016-3

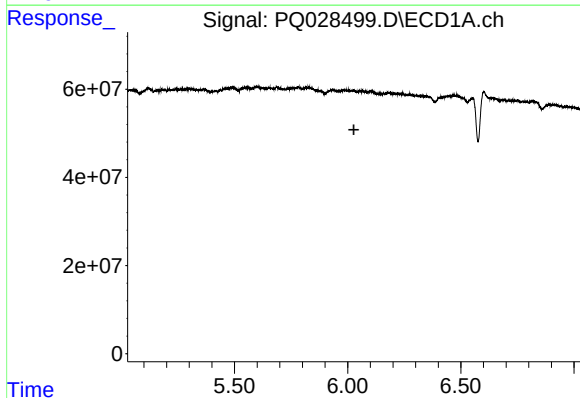
R.T.: 0.000 min
Exp R.T.: 5.841 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



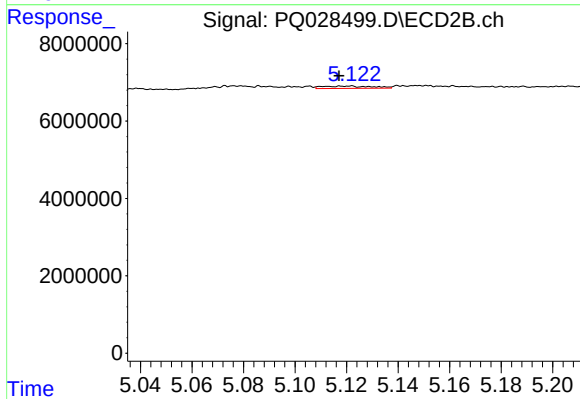
#5 AR-1016-3

R.T.: 5.078 min
Delta R.T.: 0.002 min
Response: 1636303
Conc: 7.67 ng/ml



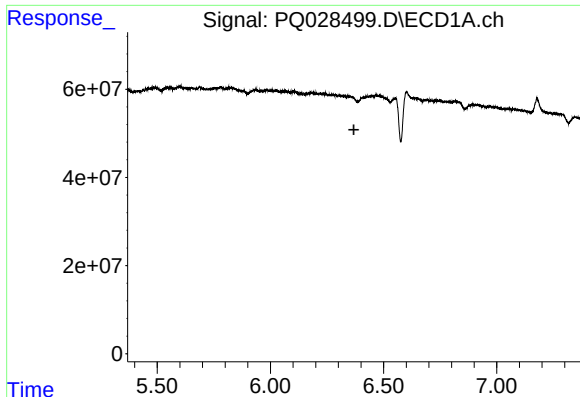
#6 AR-1016-4

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



#6 AR-1016-4

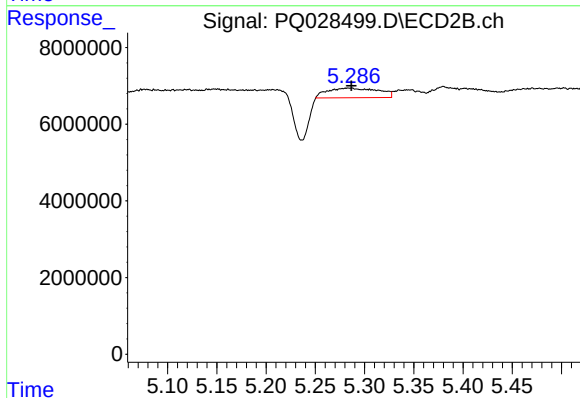
R.T.: 5.121 min
Delta R.T.: 0.004 min
Response: 788801
Conc: 3.02 ng/ml



#7 AR-1016-5

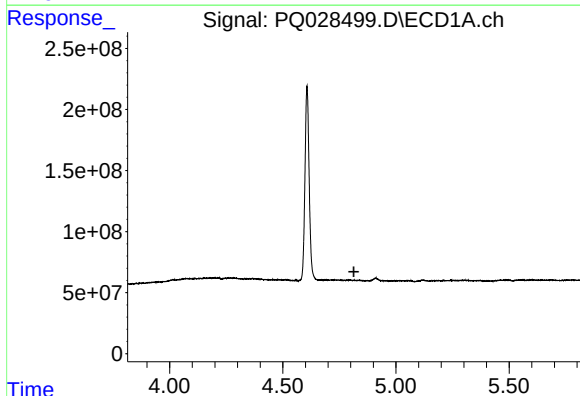
R.T.: 0.000 min
Exp R.T.: 6.369 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



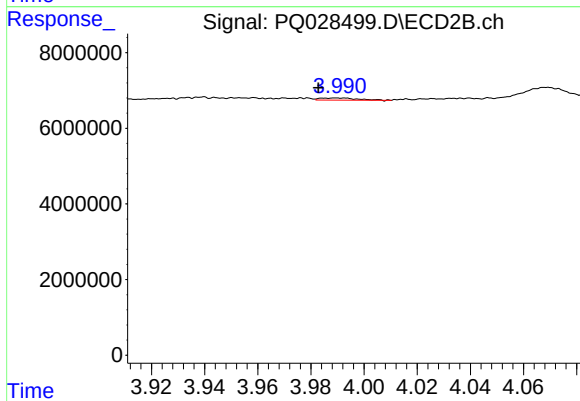
#7 AR-1016-5

R.T.: 5.285 min
Delta R.T.: -0.001 min
Response: 8977836
Conc: 31.05 ng/ml



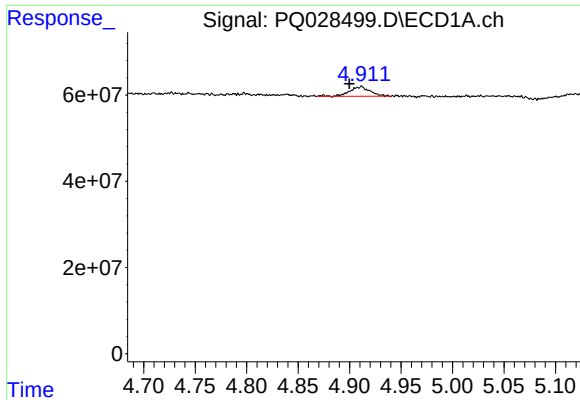
#8 AR-1221-1

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



#8 AR-1221-1

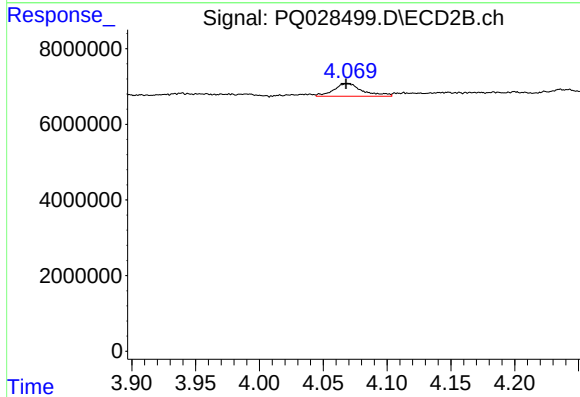
R.T.: 3.990 min
Delta R.T.: 0.007 min
Response: 542781
Conc: 2.72 ng/ml



#9 AR-1221-2

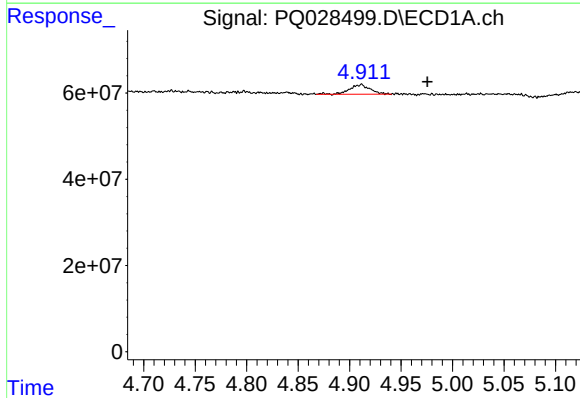
R.T.: 4.912 min
Delta R.T.: 0.012 min
Response: 31531033
Conc: 24.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



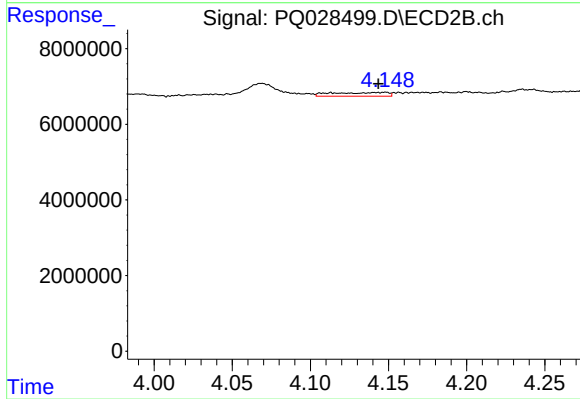
#9 AR-1221-2

R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 5364509
Conc: 36.00 ng/ml



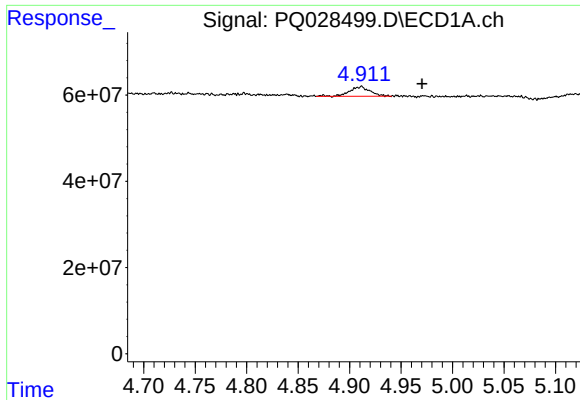
#10 AR-1221-3

R.T.: 4.912 min
Delta R.T.: -0.064 min
Response: 31531033
Conc: 7.53 ng/ml



#10 AR-1221-3

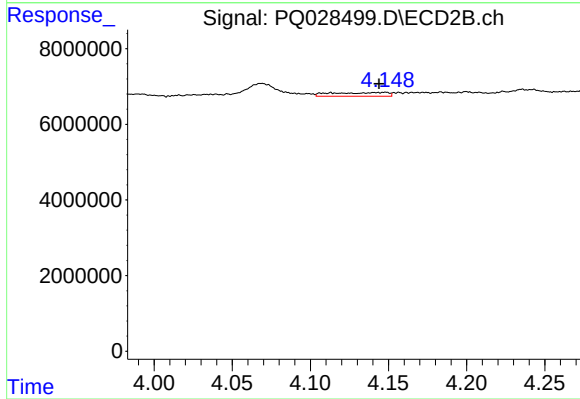
R.T.: 4.148 min
Delta R.T.: 0.004 min
Response: 2491194
Conc: 5.42 ng/ml



#11 AR-1232-1

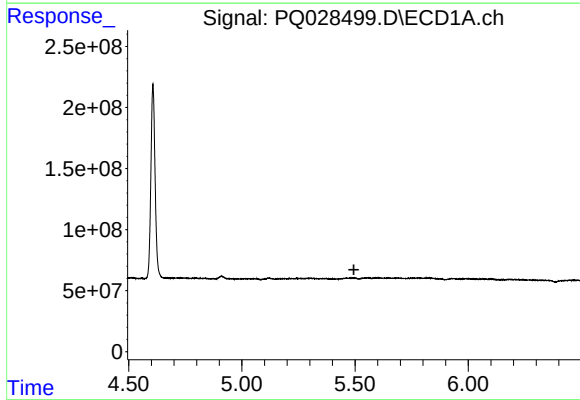
R.T.: 4.912 min
Delta R.T.: -0.059 min
Response: 31531033
Conc: 18.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



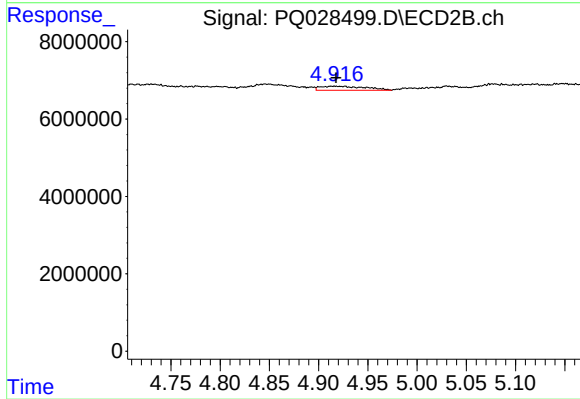
#11 AR-1232-1

R.T.: 4.148 min
Delta R.T.: 0.004 min
Response: 2491194
Conc: 11.86 ng/ml



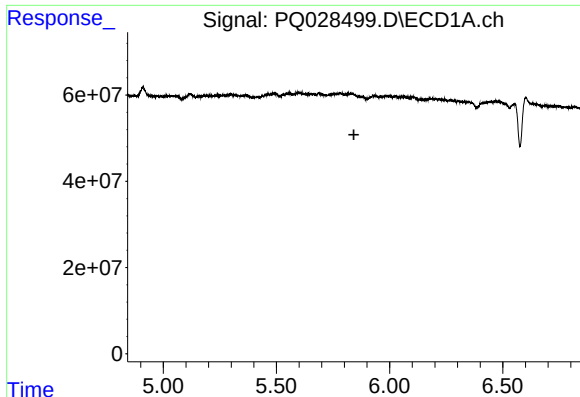
#12 AR-1232-2

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



#12 AR-1232-2

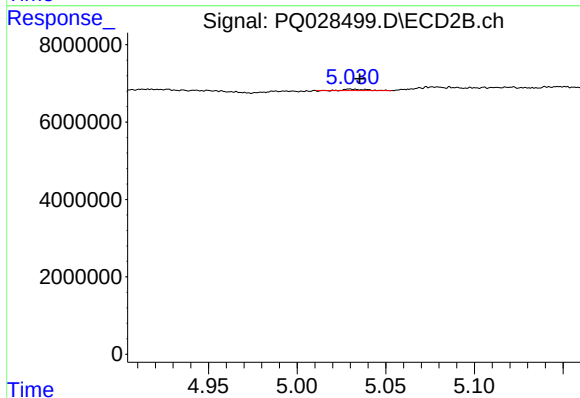
R.T.: 4.916 min
Delta R.T.: -0.002 min
Response: 3299878
Conc: 17.79 ng/ml



#13 AR-1232-3

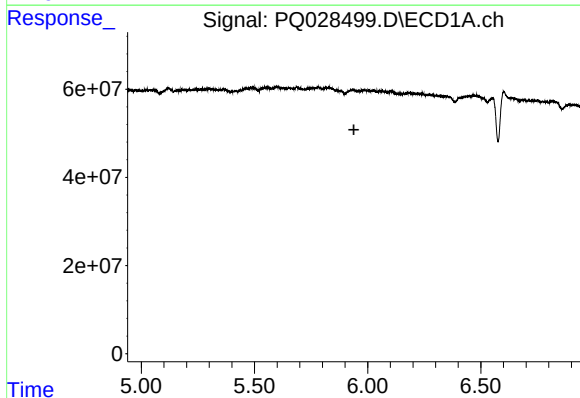
R.T.: 0.000 min
Exp R.T.: 5.842 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



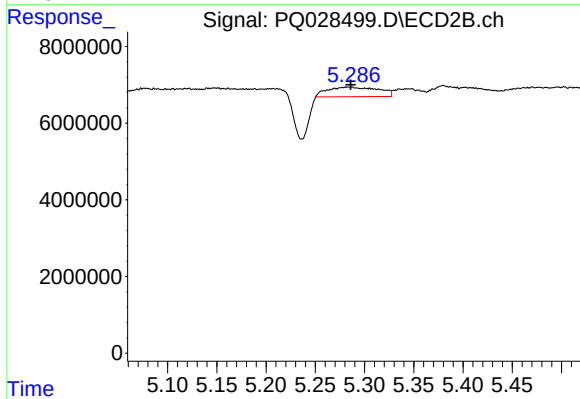
#13 AR-1232-3

R.T.: 5.030 min
Delta R.T.: -0.005 min
Response: 294758
Conc: 2.13 ng/ml



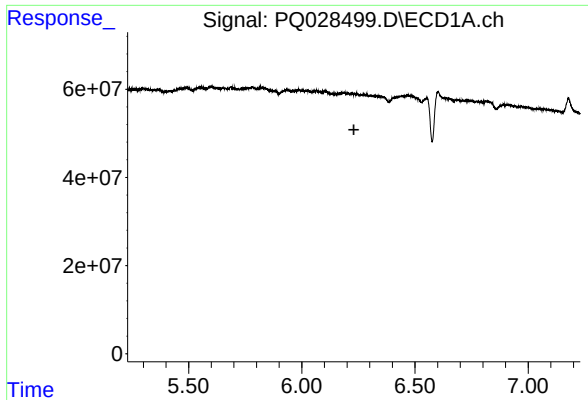
#14 AR-1232-4

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



#14 AR-1232-4

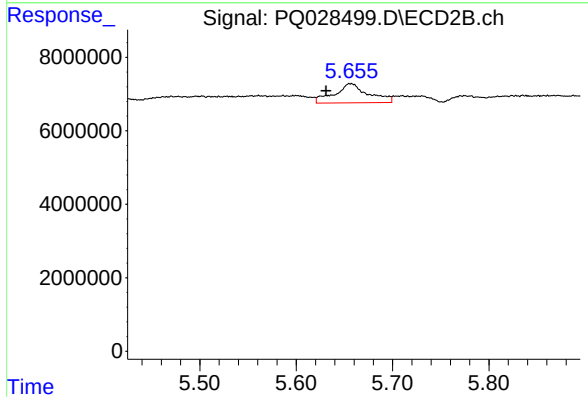
R.T.: 5.285 min
Delta R.T.: 0.000 min
Response: 8977836
Conc: 61.12 ng/ml



#15 AR-1232-5

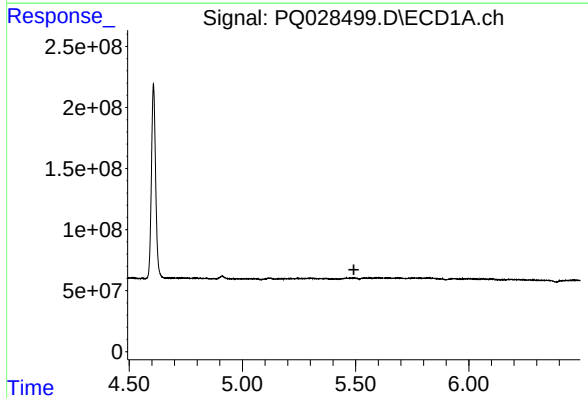
R.T.: 0.000 min
Exp R.T.: 6.230 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



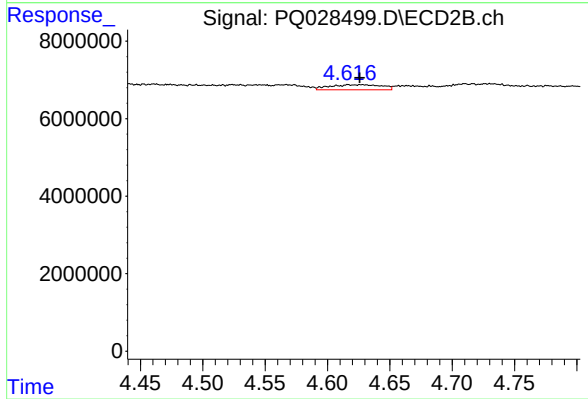
#15 AR-1232-5

R.T.: 5.656 min
Delta R.T.: 0.025 min
Response: 12681466
Conc: 77.67 ng/ml



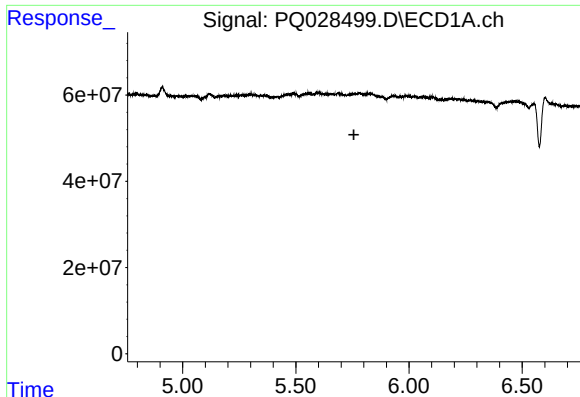
#16 AR-1242-1

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



#16 AR-1242-1

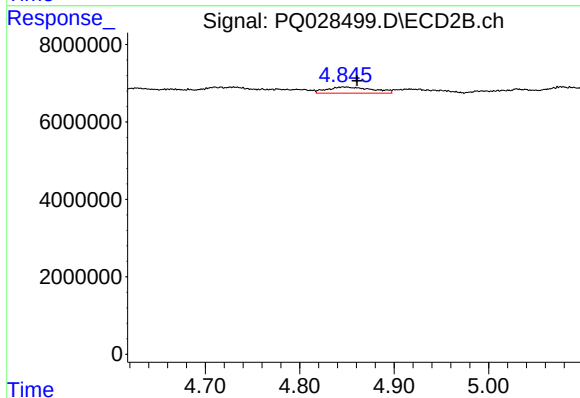
R.T.: 4.616 min
Delta R.T.: -0.010 min
Response: 3847744
Conc: 19.79 ng/ml



#17 AR-1242-2

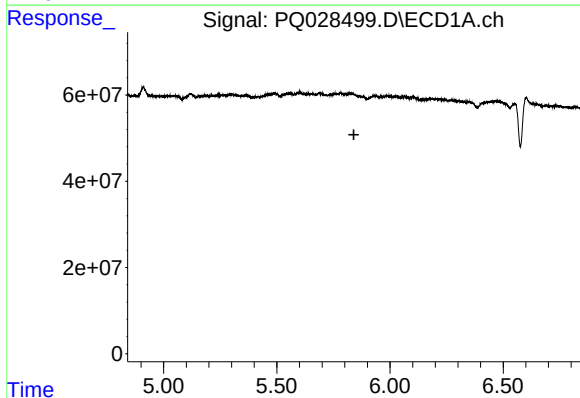
R.T.: 0.000 min
Exp R.T.: 5.757 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



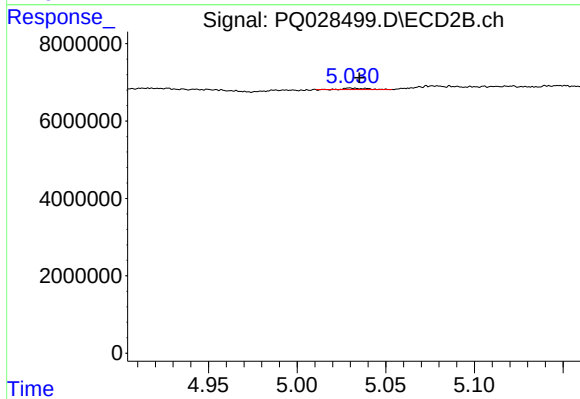
#17 AR-1242-2

R.T.: 4.846 min
Delta R.T.: -0.015 min
Response: 5298364
Conc: 11.64 ng/ml



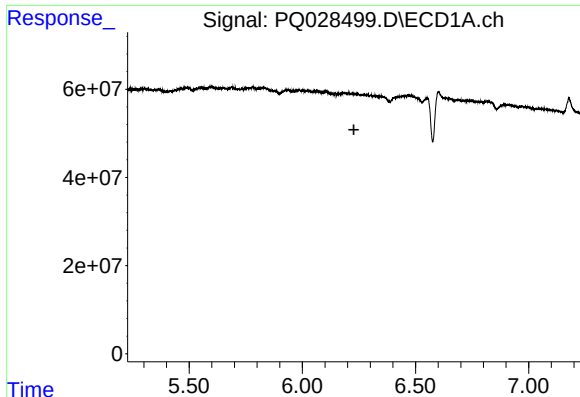
#18 AR-1242-3

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



#18 AR-1242-3

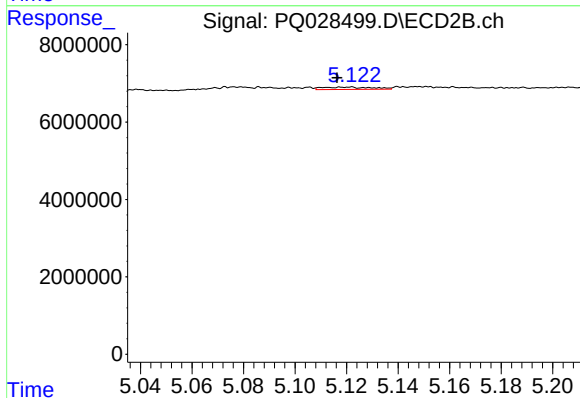
R.T.: 5.030 min
Delta R.T.: -0.005 min
Response: 294758
Conc: 1.42 ng/ml



#19 AR-1242-4

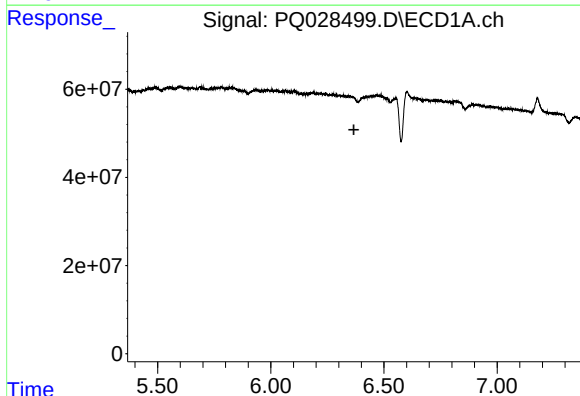
R.T.: 0.000 min
Exp R.T.: 6.228 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



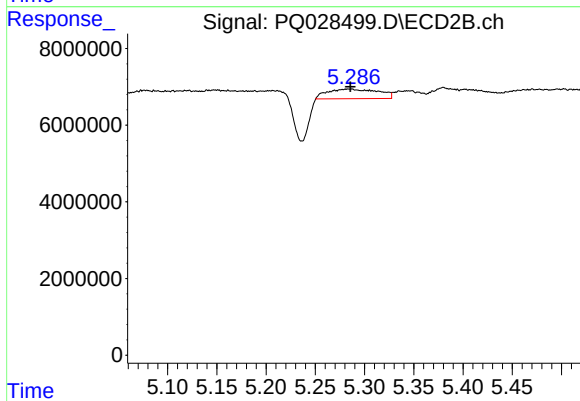
#19 AR-1242-4

R.T.: 5.121 min
Delta R.T.: 0.005 min
Response: 788801
Conc: 3.91 ng/ml



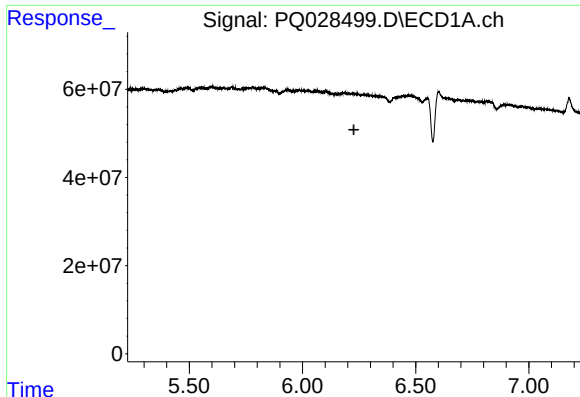
#20 AR-1242-5

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



#20 AR-1242-5

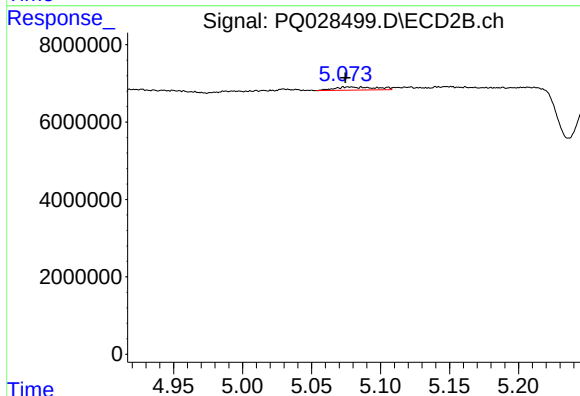
R.T.: 5.285 min
Delta R.T.: 0.000 min
Response: 8977836
Conc: 39.66 ng/ml



#21 AR-1248-1

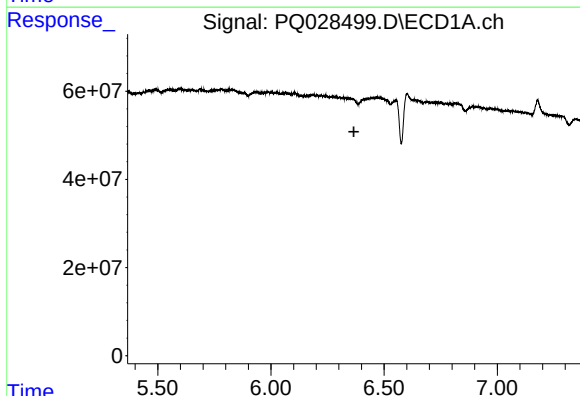
R.T.: 0.000 min
Exp R.T.: 6.227 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



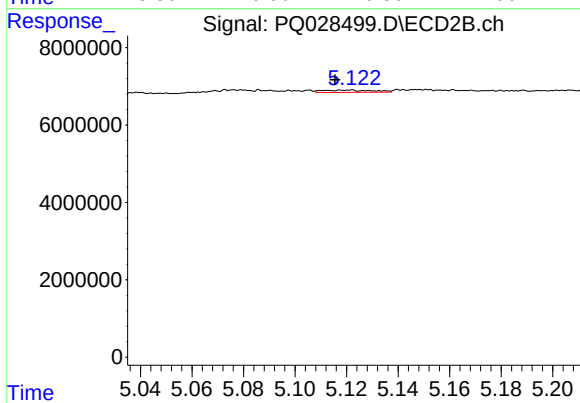
#21 AR-1248-1

R.T.: 5.078 min
Delta R.T.: 0.003 min
Response: 1636303
Conc: 5.54 ng/ml



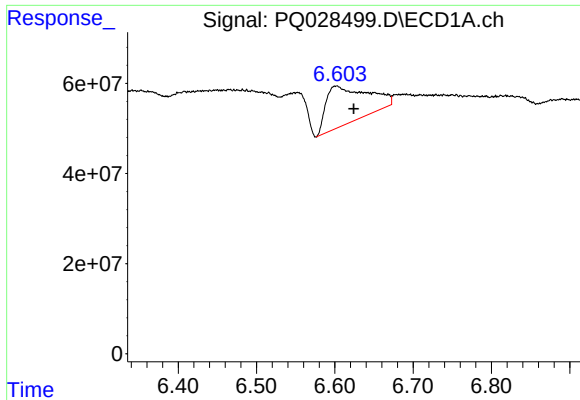
#22 AR-1248-2

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



#22 AR-1248-2

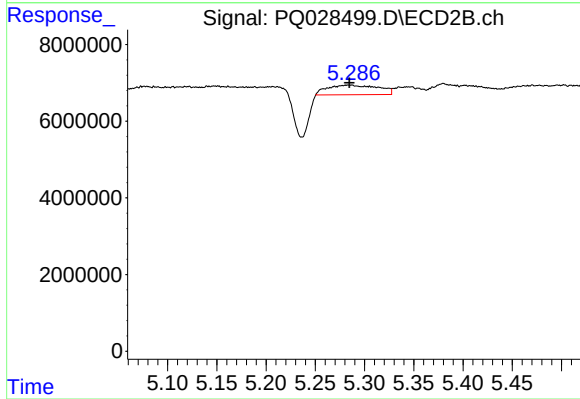
R.T.: 5.121 min
Delta R.T.: 0.005 min
Response: 788801
Conc: 2.56 ng/ml



#23 AR-1248-3

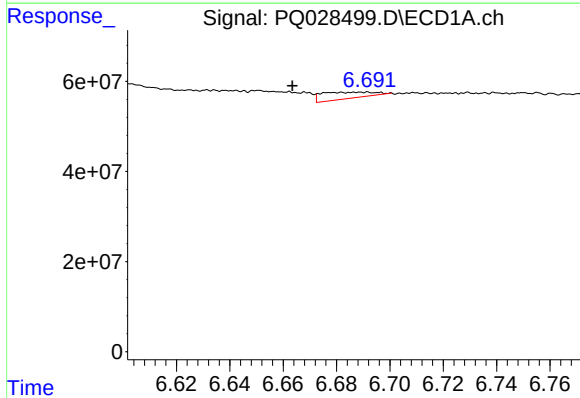
R.T.: 6.602 min
Delta R.T.: -0.022 min
Response: 315084597
Conc: 78.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



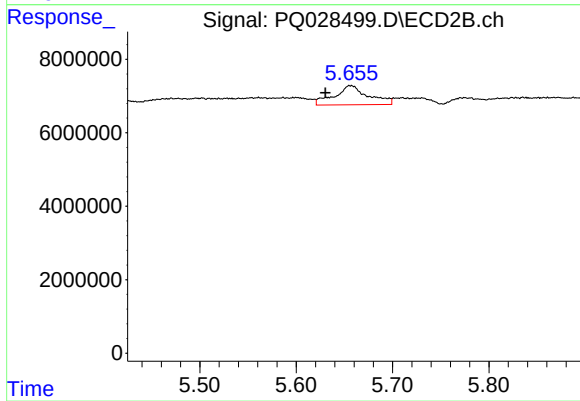
#23 AR-1248-3

R.T.: 5.285 min
Delta R.T.: 0.000 min
Response: 8977836
Conc: 23.00 ng/ml



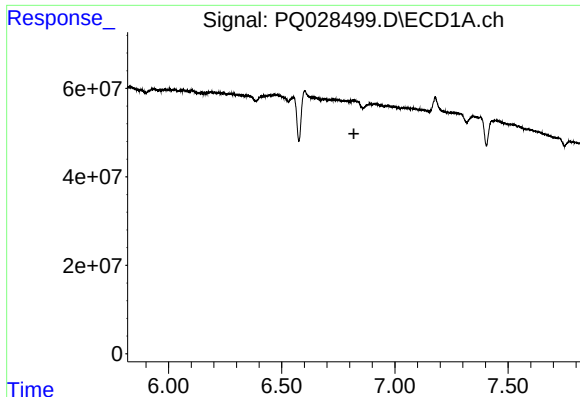
#24 AR-1248-4

R.T.: 6.689 min
Delta R.T.: 0.026 min
Response: 19266492
Conc: 5.25 ng/ml



#24 AR-1248-4

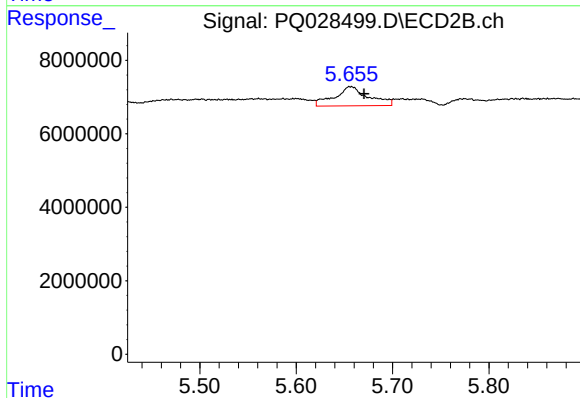
R.T.: 5.656 min
Delta R.T.: 0.026 min
Response: 12681466
Conc: 22.58 ng/ml



#25 AR-1248-5

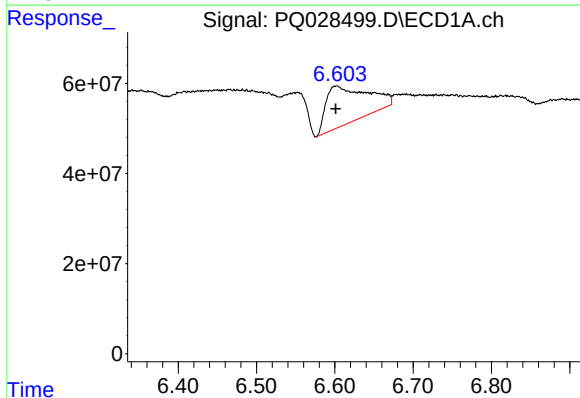
R.T.: 0.000 min
Exp R.T.: 6.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



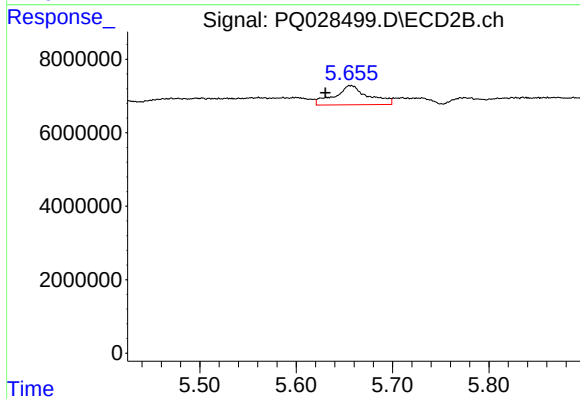
#25 AR-1248-5

R.T.: 5.656 min
Delta R.T.: -0.014 min
Response: 12681466
Conc: 30.72 ng/ml



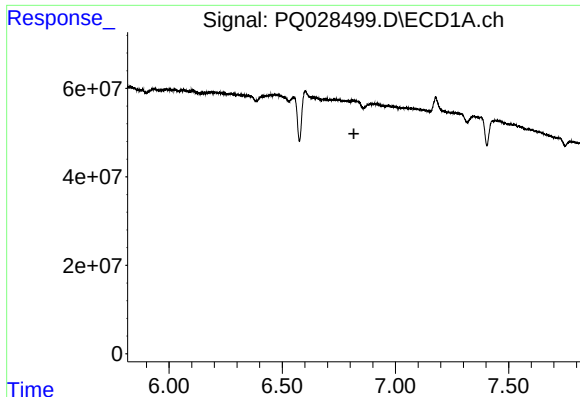
#26 AR-1254-1

R.T.: 6.602 min
Delta R.T.: 0.000 min
Response: 315084597
Conc: 91.05 ng/ml



#26 AR-1254-1

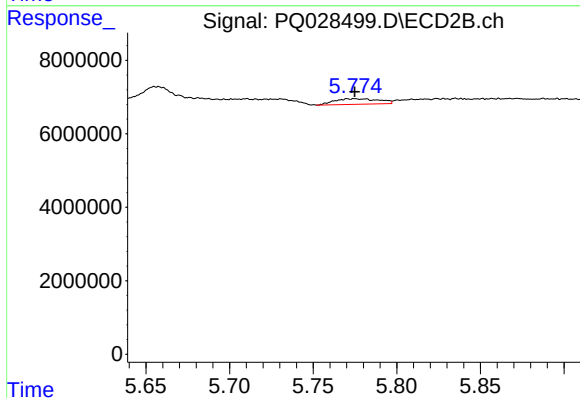
R.T.: 5.656 min
Delta R.T.: 0.026 min
Response: 12681466
Conc: 23.65 ng/ml



#27 AR-1254-2

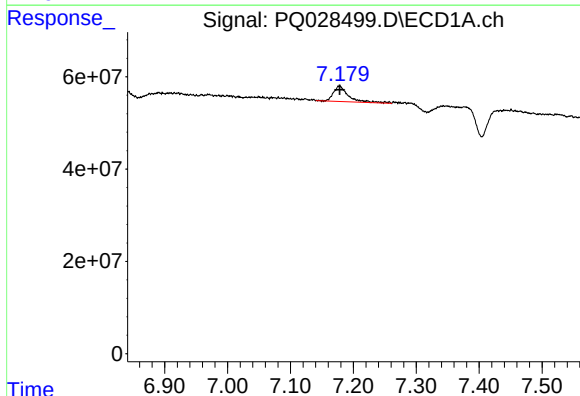
R.T.: 0.000 min
Exp R.T.: 6.817 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



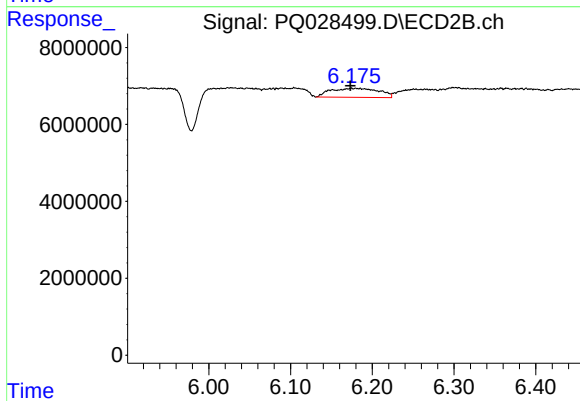
#27 AR-1254-2

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 2751936
Conc: 6.00 ng/ml



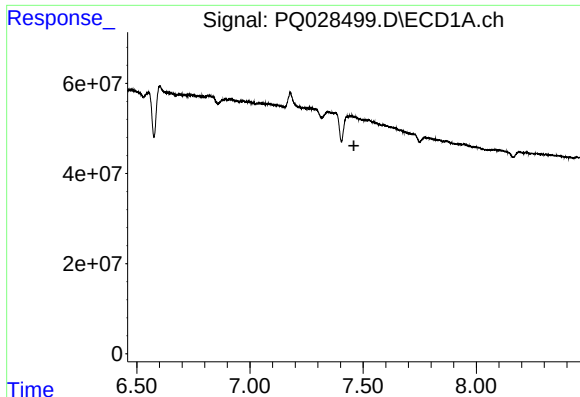
#28 AR-1254-3

R.T.: 7.178 min
Delta R.T.: 0.000 min
Response: 55631563
Conc: 9.35 ng/ml



#28 AR-1254-3

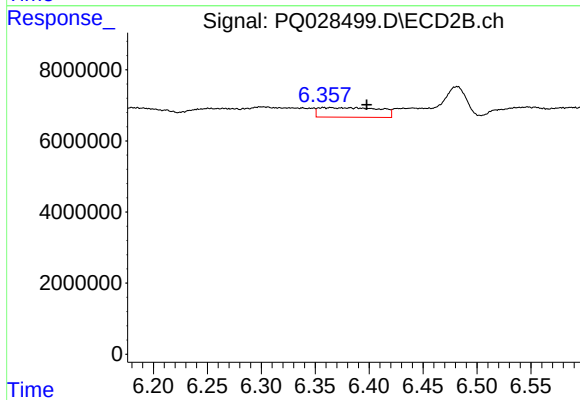
R.T.: 6.179 min
Delta R.T.: 0.005 min
Response: 9666329
Conc: 12.20 ng/ml



#29 AR-1254-4

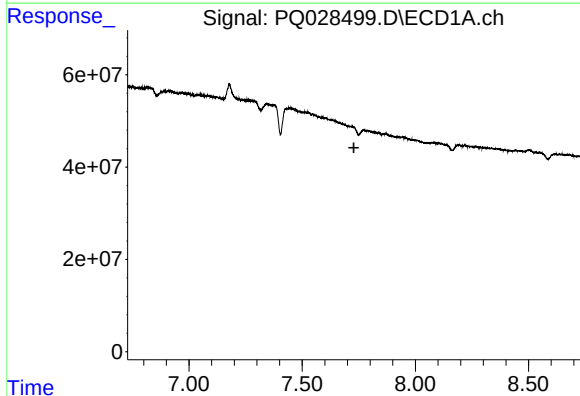
R.T.: 7.451 min
Delta R.T.: -0.008 min
Response: -57862175
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



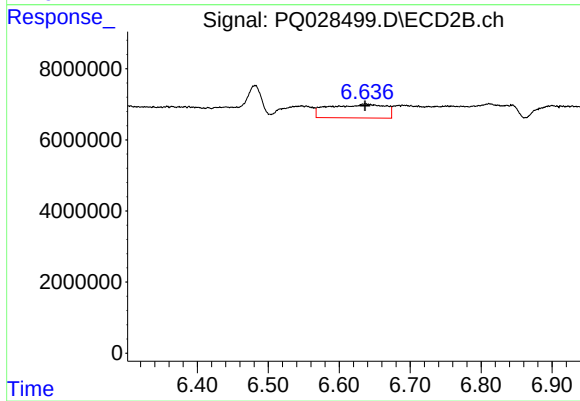
#29 AR-1254-4

R.T.: 6.363 min
Delta R.T.: -0.034 min
Response: 10616285
Conc: 19.49 ng/ml



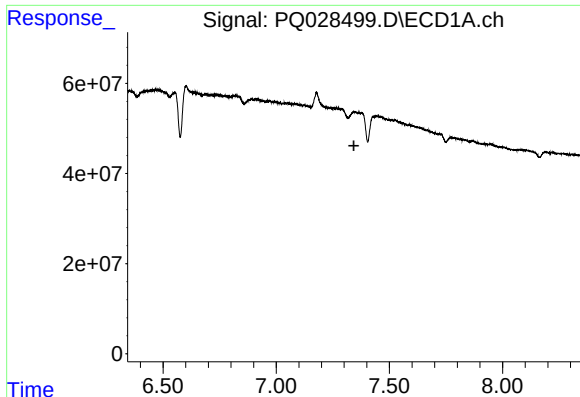
#30 AR-1254-5

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



#30 AR-1254-5

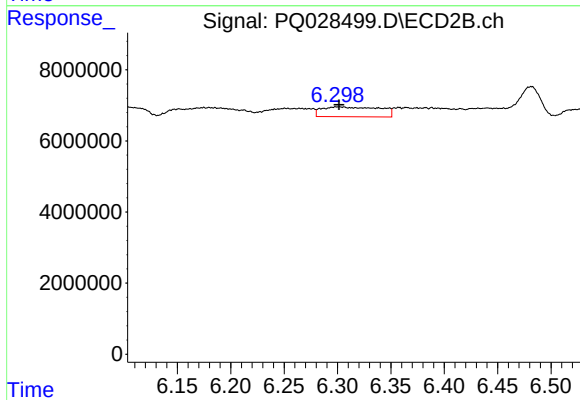
R.T.: 6.637 min
Delta R.T.: 0.000 min
Response: 21357964
Conc: 61.72 ng/ml



#31 AR-1260-1

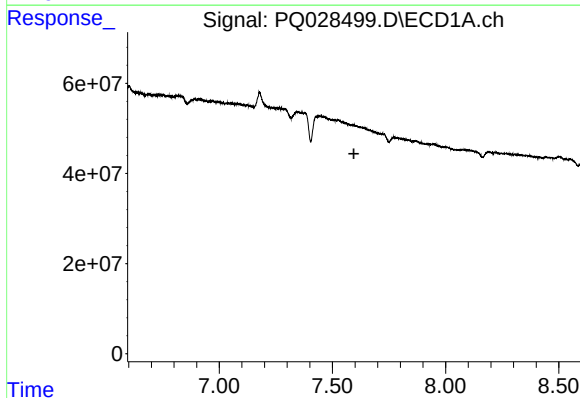
R.T.: 0.000 min
Exp R.T. : 7.343 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



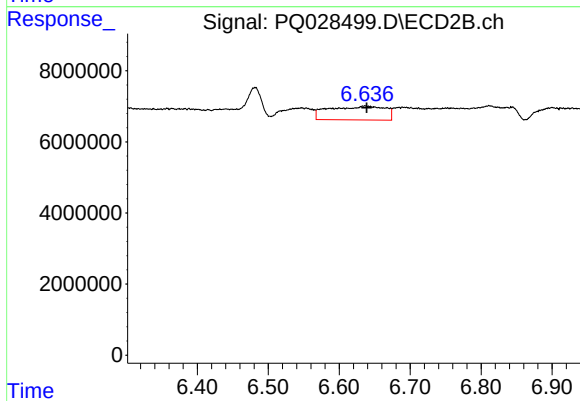
#31 AR-1260-1

R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 10597965
Conc: 17.18 ng/ml



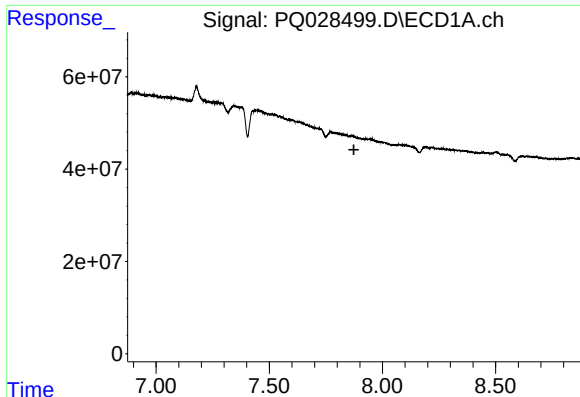
#32 AR-1260-2

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



#32 AR-1260-2

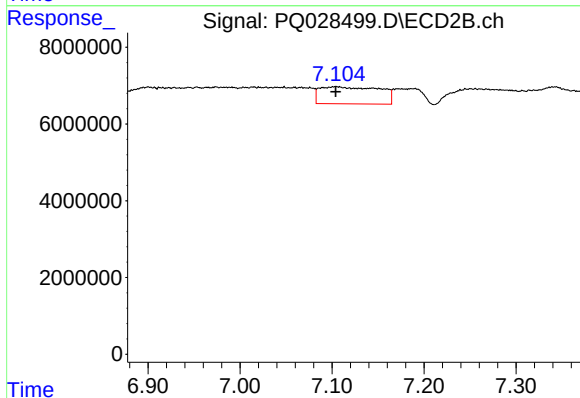
R.T.: 6.637 min
Delta R.T.: -0.002 min
Response: 21357964
Conc: 30.16 ng/ml



#33 AR-1260-3

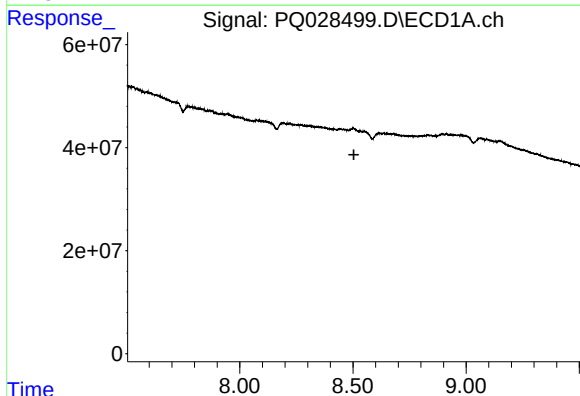
R.T.: 0.000 min
Exp R.T. : 7.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



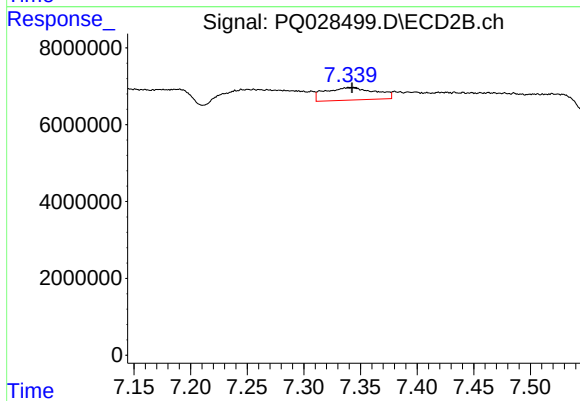
#33 AR-1260-3

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 20263501
Conc: 34.18 ng/ml



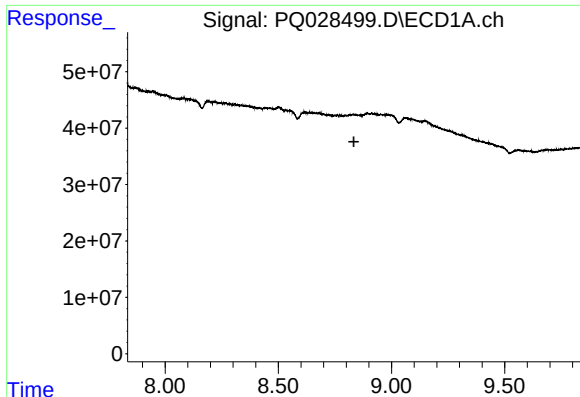
#34 AR-1260-4

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



#34 AR-1260-4

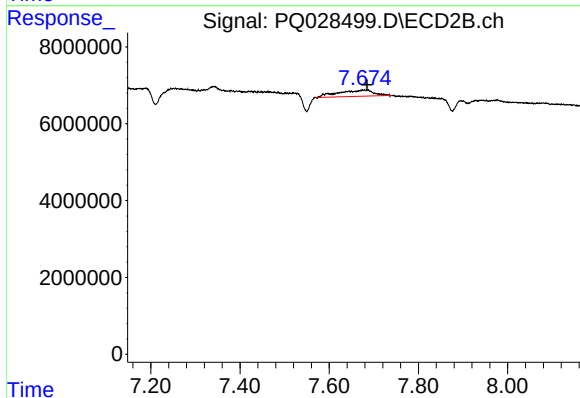
R.T.: 7.341 min
Delta R.T.: -0.001 min
Response: 10103055
Conc: 6.91 ng/ml



#35 AR-1260-5

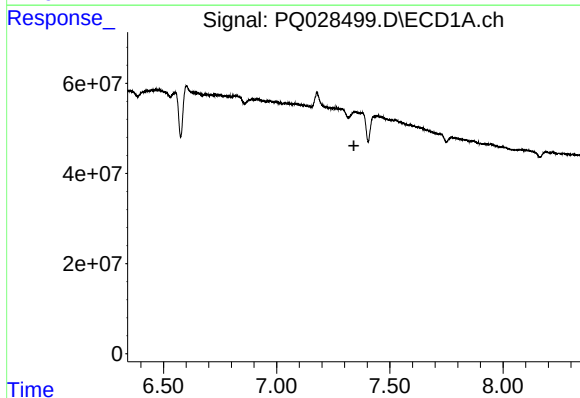
R.T.: 0.000 min
Exp R.T. : 8.834 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



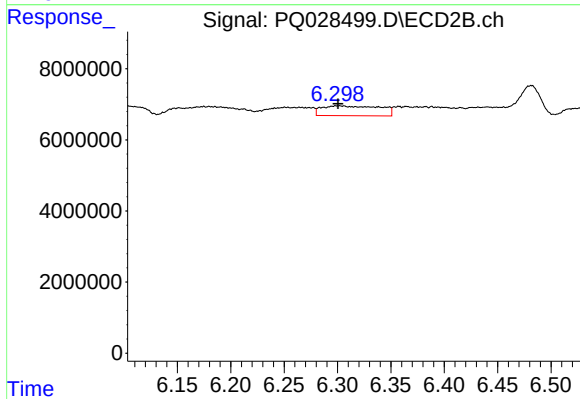
#35 AR-1260-5

R.T.: 7.676 min
Delta R.T.: -0.008 min
Response: 9107852
Conc: 8.67 ng/ml



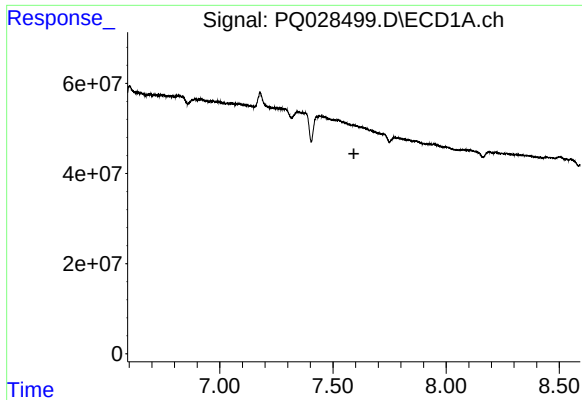
#36 AR-1262-1

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



#36 AR-1262-1

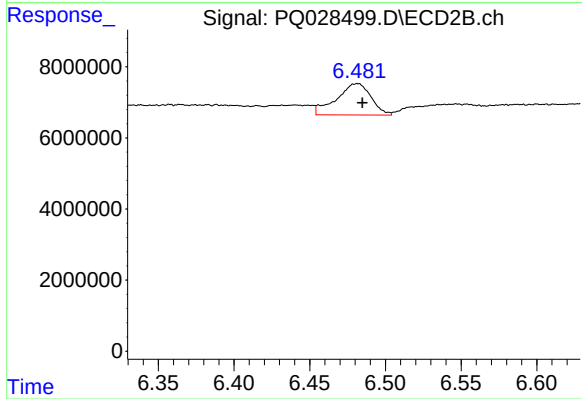
R.T.: 6.302 min
Delta R.T.: 0.001 min
Response: 10597965
Conc: 21.16 ng/ml



#37 AR-1262-2

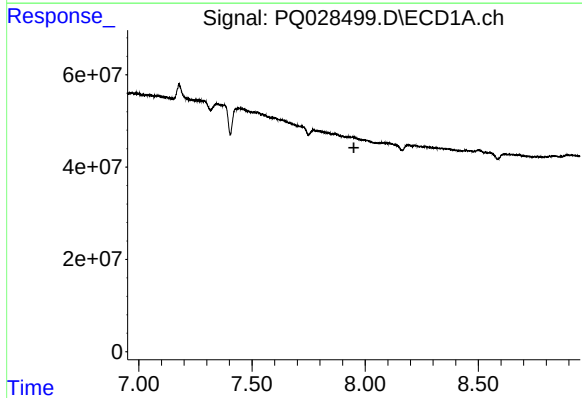
R.T.: 0.000 min
Exp R.T.: 7.592 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



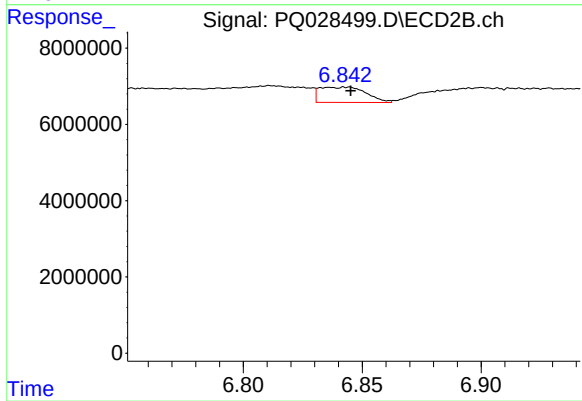
#37 AR-1262-2

R.T.: 6.481 min
Delta R.T.: -0.004 min
Response: 14031560
Conc: 21.99 ng/ml



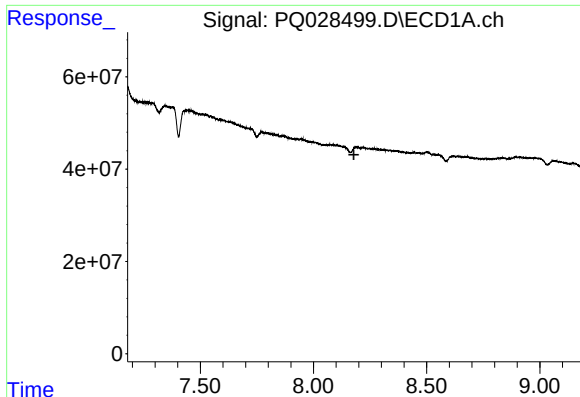
#38 AR-1262-3

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



#38 AR-1262-3

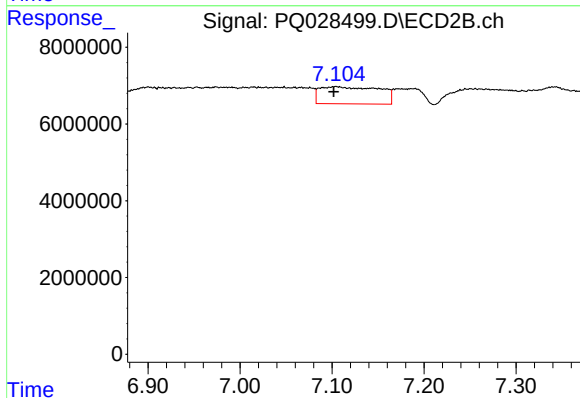
R.T.: 6.842 min
Delta R.T.: -0.003 min
Response: 5518692
Conc: 6.09 ng/ml



#39 AR-1262-4

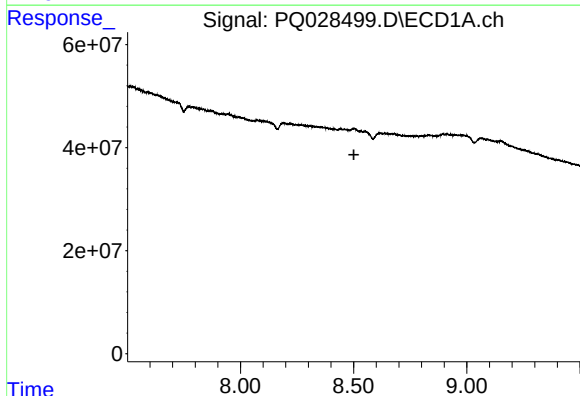
R.T.: 0.000 min
Exp R.T.: 8.179 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



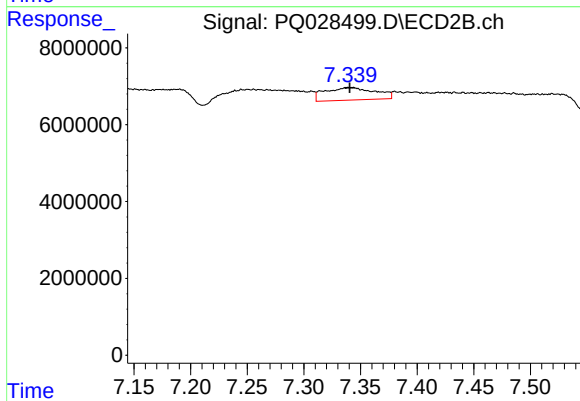
#39 AR-1262-4

R.T.: 7.104 min
Delta R.T.: 0.003 min
Response: 20263501
Conc: 25.48 ng/ml



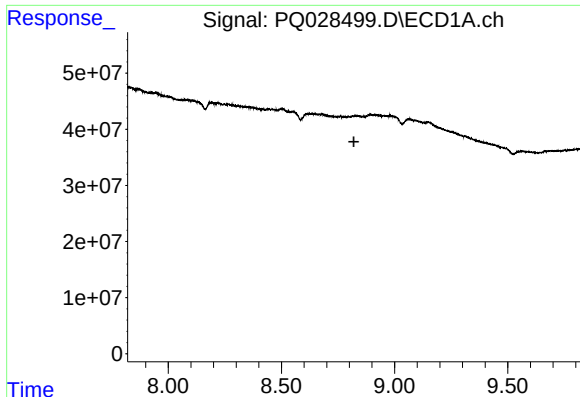
#40 AR-1262-5

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



#40 AR-1262-5

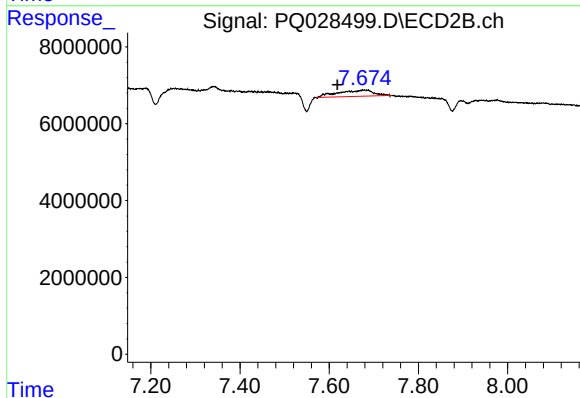
R.T.: 7.341 min
Delta R.T.: 0.000 min
Response: 10103055
Conc: 6.02 ng/ml



#41 AR-1268-1

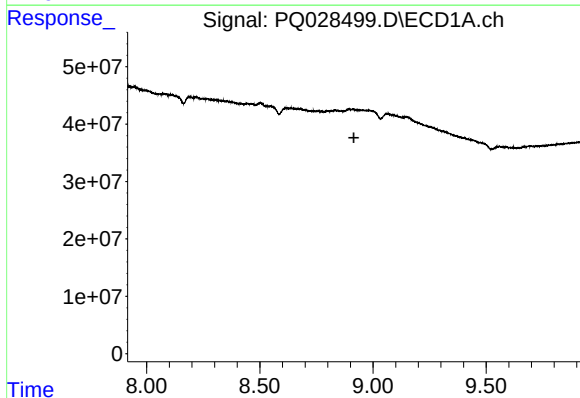
R.T.: 0.000 min
Exp R.T.: 8.820 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



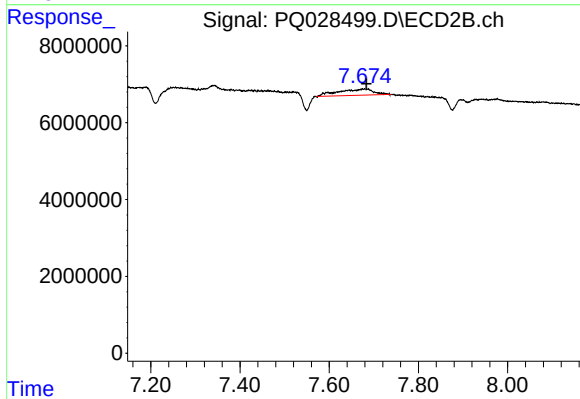
#41 AR-1268-1

R.T.: 7.676 min
Delta R.T.: 0.058 min
Response: 9107852
Conc: 5.02 ng/ml



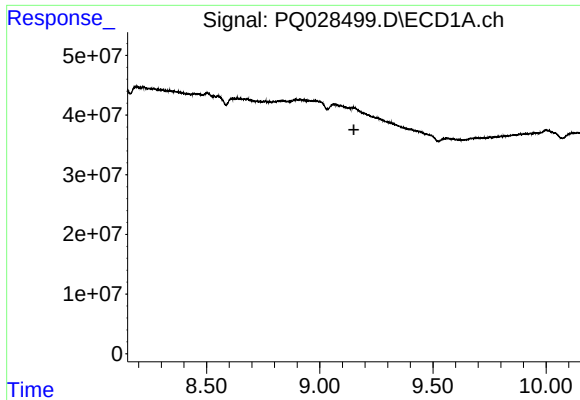
#42 AR-1268-2

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



#42 AR-1268-2

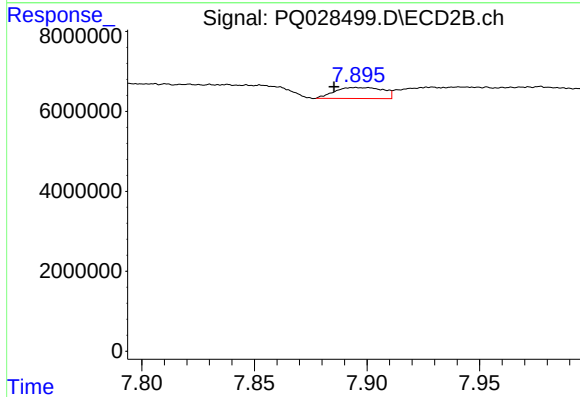
R.T.: 7.676 min
Delta R.T.: -0.007 min
Response: 9107852
Conc: 5.14 ng/ml



#43 AR-1268-3

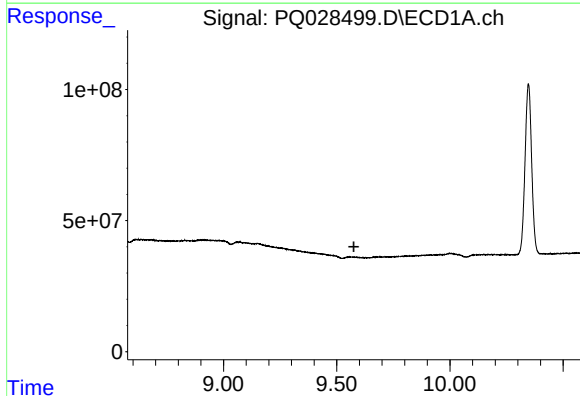
R.T.: 0.000 min
Exp R.T. : 9.151 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



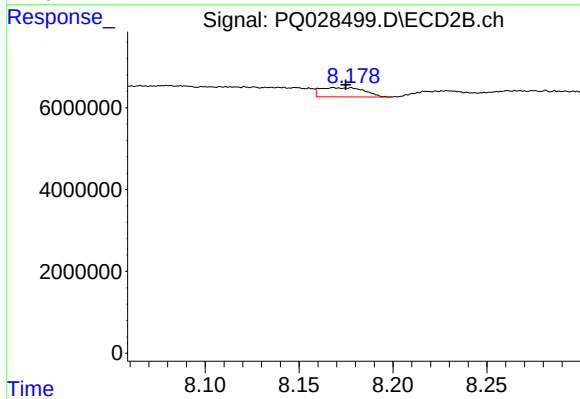
#43 AR-1268-3

R.T.: 7.896 min
Delta R.T.: 0.011 min
Response: 4090395
Conc: 2.97 ng/ml



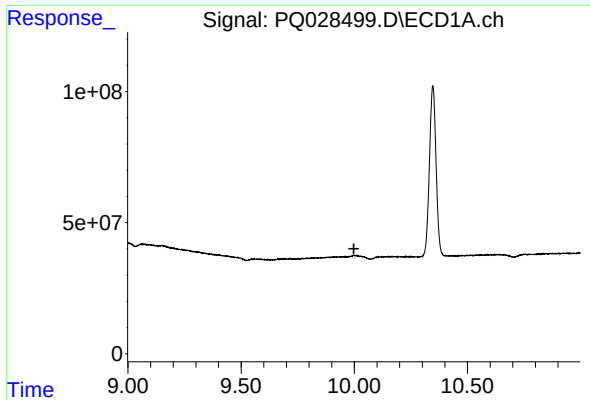
#44 AR-1268-4

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



#44 AR-1268-4

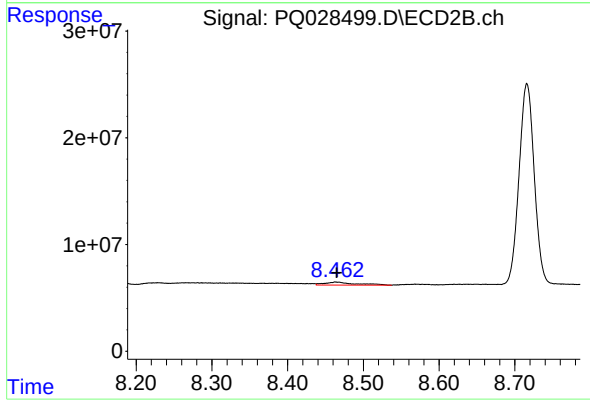
R.T.: 8.169 min
Delta R.T.: -0.005 min
Response: 3683740
Conc: 5.85 ng/ml



#45 AR-1268-5

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

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.465 min
Delta R.T.: 0.000 min
Response: 7864817
Conc: 1.79 ng/ml