

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032319\
 Data File : PQ038189.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Mar 2019 07:45
 Operator : SM\SJ
 Sample : K2033-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 25 03:13:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032019.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 20 09:51:59 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...	4.171	0.000	119.5E6	0	20.535	N.D.	#
Target Compounds								
3)	L1 AR-1016-1	5.330	0.000	2302534	0	11.441	N.D.	#
4)	L1 AR-1016-2	5.367	0.000	4959499	0	15.803	N.D.	#
5)	L1 AR-1016-3	5.419	0.000	222849	0	1.224	N.D.	#
6)	L1 AR-1016-4	5.524	0.000	252567	0	1.688	N.D.	#
7)	L1 AR-1016-5	5.804	0.000	904137	0	6.227	N.D.	#
8)	L2 AR-1221-1	4.396	0.000	3654400	0	57.594	N.D.	#
9)	L2 AR-1221-2	4.470	0.000	17694073	0	382.494	N.D.	#
10)	L2 AR-1221-3	4.570	0.000	21523669	0	140.826	N.D.	#
11)	L3 AR-1232-1	4.570	0.000	21523669	0	172.945	N.D.	#
12)	L3 AR-1232-2	5.055	0.000	14301432	0	242.870	N.D.	#
13)	L3 AR-1232-3	5.367	0.000	4959499	0	40.157	N.D.	#
14)	L3 AR-1232-4	5.524	0.000	252567	0	4.336	N.D.	#
15)	L3 AR-1232-5	5.569	0.000	7649082	0	178.928	N.D.	#
16)	L4 AR-1242-1	5.330	0.000	2302534	0	14.012	N.D.	#
17)	L4 AR-1242-2	5.367	0.000	4959499	0	19.436	N.D.	#
18)	L4 AR-1242-3	5.419	0.000	222849	0	1.511	N.D.	#
19)	L4 AR-1242-4	5.493	0.000	1729001	0	14.125	N.D.	#
20)	L4 AR-1242-5	6.201	0.000	2489440	0	18.220	N.D.	#
21)	L5 AR-1248-1	5.330	0.000	2302534	0	14.538	N.D.	#
22)	L5 AR-1248-2	5.609	0.000	1060476	0	4.845	N.D.	#
23)	L5 AR-1248-3	5.804	0.000	904137	0	3.680	N.D.	#
24)	L5 AR-1248-4	6.201	0.000	2489440	0	8.900	N.D.	#
25)	L5 AR-1248-5	6.201	0.000	2489440	0	9.391	N.D.	#
26)	L6 AR-1254-1	6.163	0.000	2671675	0	13.599	N.D.	#
27)	L6 AR-1254-2	6.362	0.000	3176790	0	10.365	N.D.	#
28)	L6 AR-1254-3	6.745	0.000	957284	0	3.074	N.D.	#
29)	L6 AR-1254-4	7.015	0.000	859734	0	3.387	N.D.	#
30)	L6 AR-1254-5	7.437	0.000	727443	0	2.465	N.D.	#
31)	L7 AR-1260-1	6.912	0.000	338774	0	1.308	N.D.	#
32)	L7 AR-1260-2	7.121	0.000	2667340	0	7.738	N.D.	#
33)	L7 AR-1260-3	7.468	0.000	1726207	0	6.086	N.D.	#
34)	L7 AR-1260-4	7.698	0.000	3346315	0	12.430	N.D.	#
35)	L7 AR-1260-5	8.037	0.000	8511395	0	13.510	N.D.	#
36)	L8 AR-1262-1	7.545	0.000	1597567	0	10.344	N.D.	#
37)	L8 AR-1262-2	8.037	0.000	8511395	0	12.133	N.D.	#
38)	L8 AR-1262-3	8.254	0.000	453213	0	1.512	N.D.	#
39)	L8 AR-1262-4	8.367	0.000	936968	0	2.702	N.D.	#
40)	L8 AR-1262-5	8.936	0.000	993297	0	4.157	N.D.	#
41)	L9 AR-1268-1	8.254	0.000	453213	0	0.551	N.D.	#
42)	L9 AR-1268-2	8.367	0.000	936968	0	1.255	N.D.	#

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 Quant Title : GC EXTRACTABLES
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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	
43)	L9 AR-1268-3	8.550	0.000	1341862	0	2.046	N.D.	#
44)	L9 AR-1268-4	8.936	0.000	993297	0	3.837	N.D.	#
45)	L9 AR-1268-5	9.298	0.000	2701788	0	1.384	N.D.	#

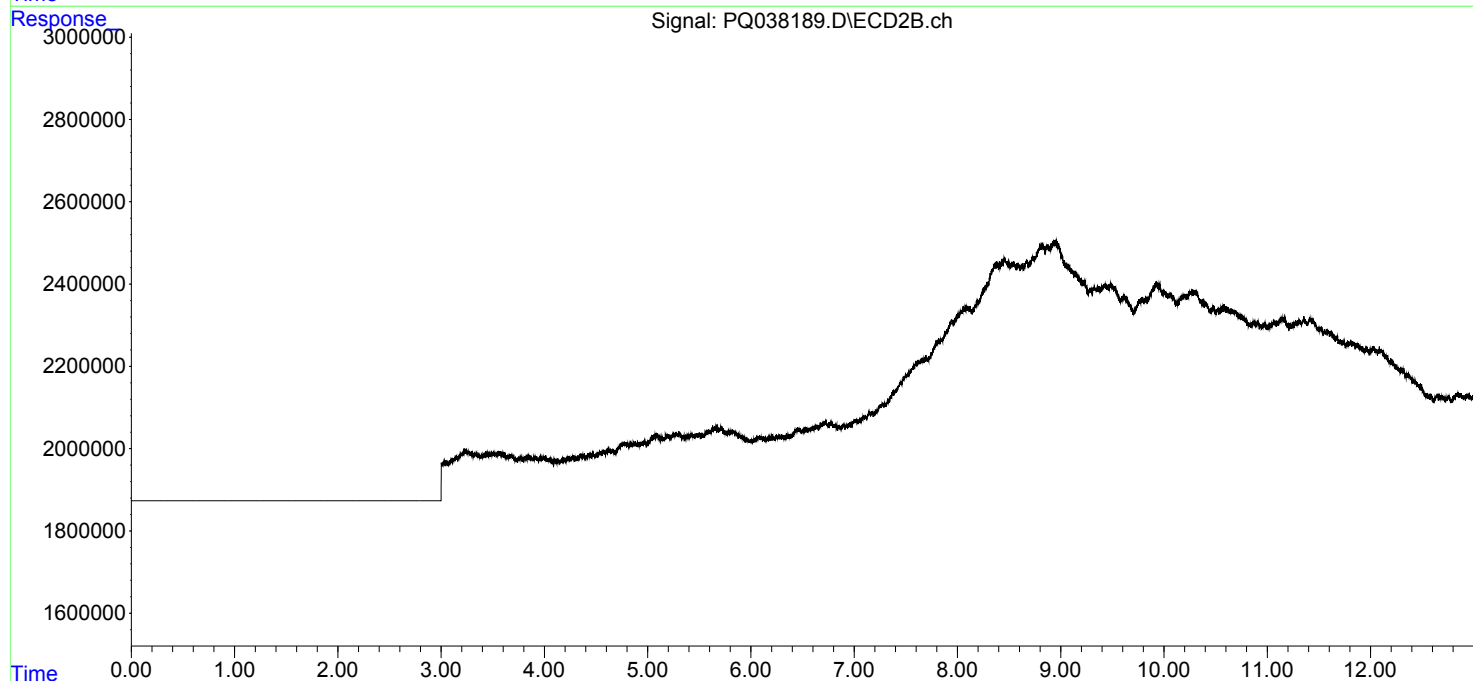
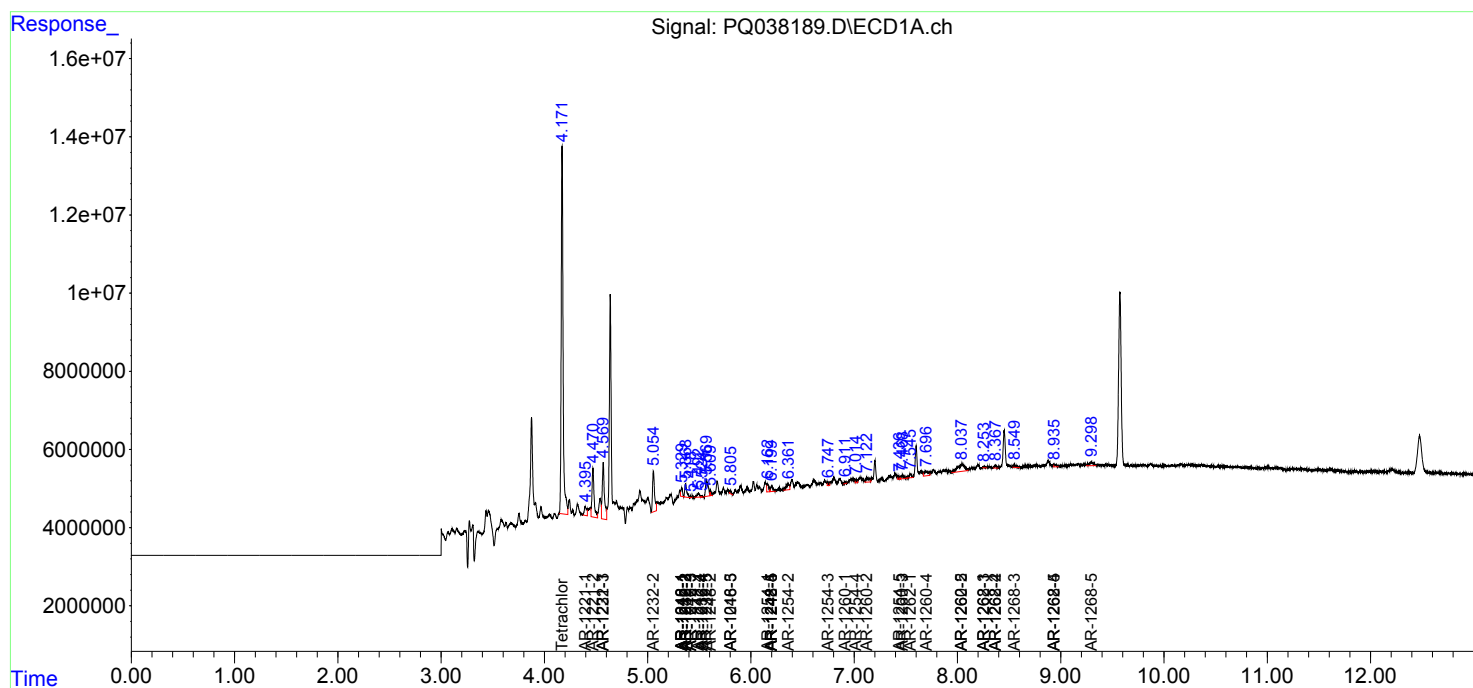
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

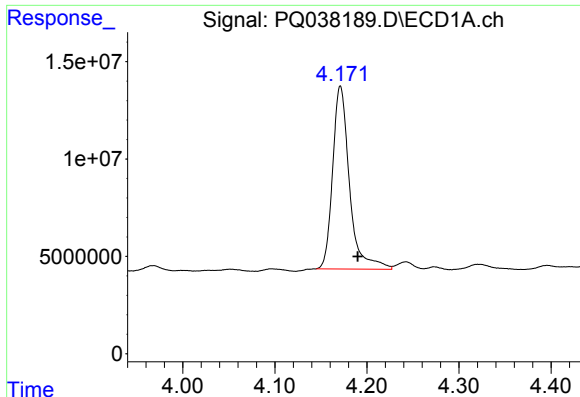
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Mar 2019 07:45
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

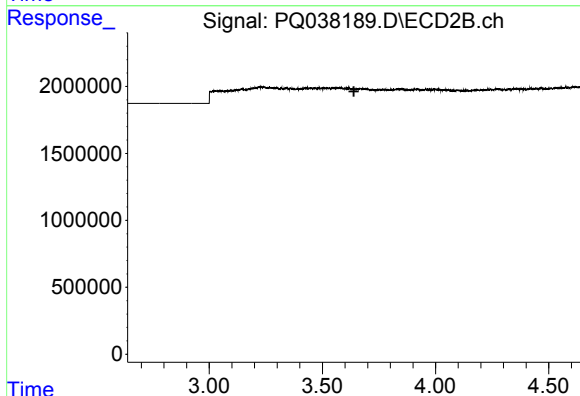




#1 Tetrachloro-m-xylene

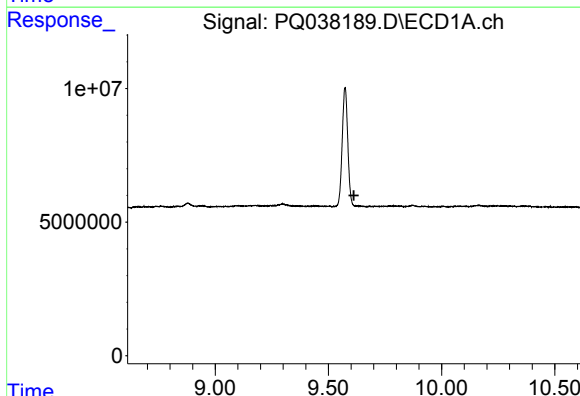
R.T.: 4.171 min
Delta R.T.: -0.019 min
Response: 119486506
Conc: 20.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



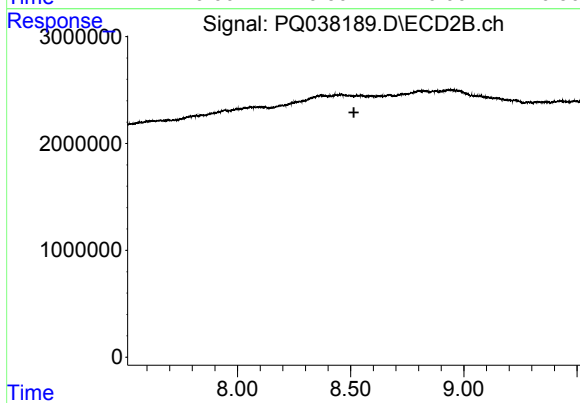
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 3.639 min
Response: 0
Conc: N.D.



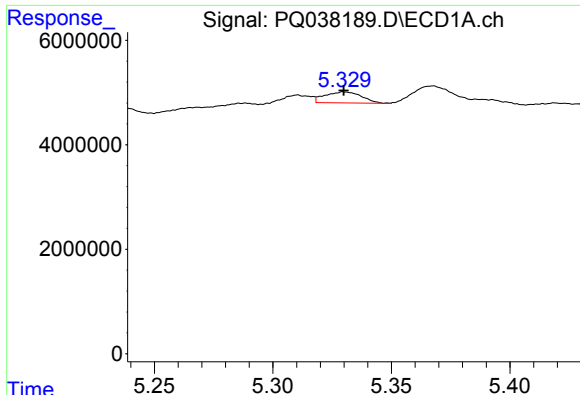
#2 Decachlorobiphenyl

R.T.: 9.573 min
Delta R.T.: -0.039 min
Response: -11885589
Conc: N.D.



#2 Decachlorobiphenyl

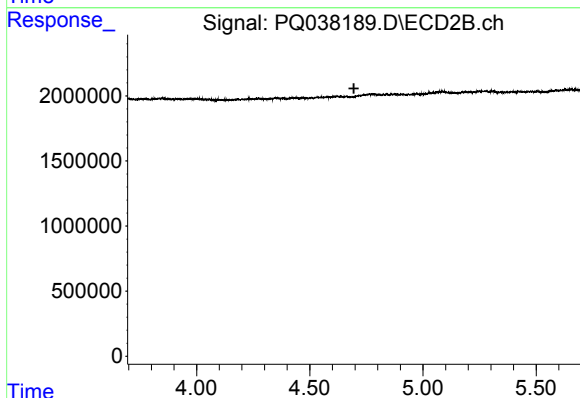
R.T.: 0.000 min
Exp R.T. : 8.514 min
Response: 0
Conc: N.D.



#3 AR-1016-1

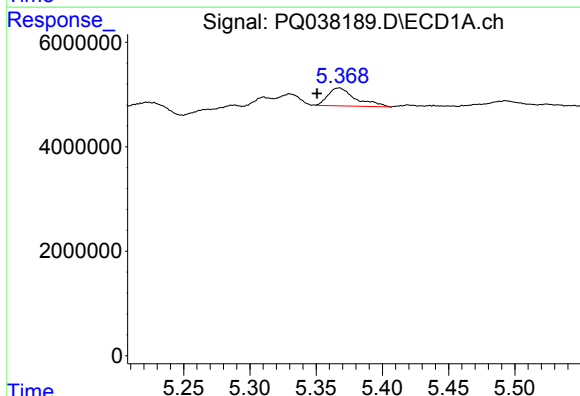
R.T.: 5.330 min
Delta R.T.: 0.000 min
Response: 2302534
Conc: 11.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



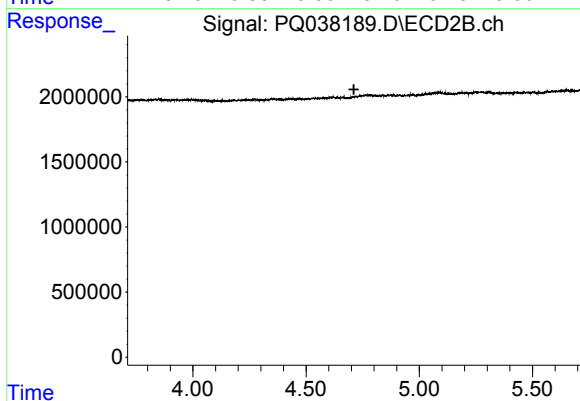
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.695 min
Response: 0
Conc: N.D.



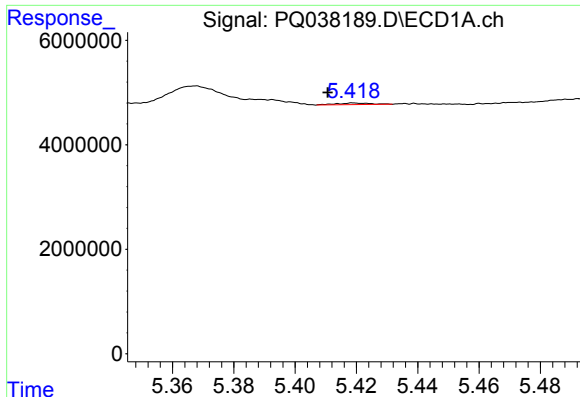
#4 AR-1016-2

R.T.: 5.367 min
Delta R.T.: 0.017 min
Response: 4959499
Conc: 15.80 ng/ml



#4 AR-1016-2

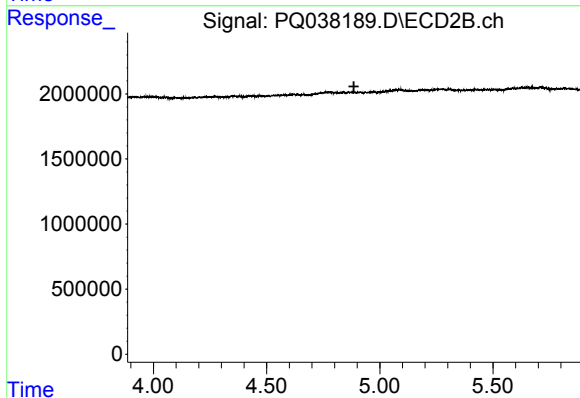
R.T.: 0.000 min
Exp R.T. : 4.711 min
Response: 0
Conc: N.D.



#5 AR-1016-3

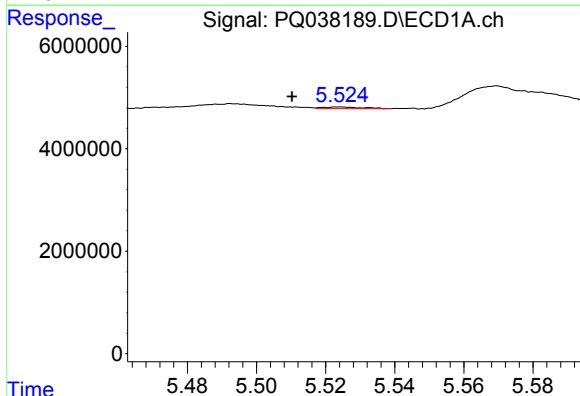
R.T.: 5.419 min
Delta R.T.: 0.009 min
Response: 222849
Conc: 1.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



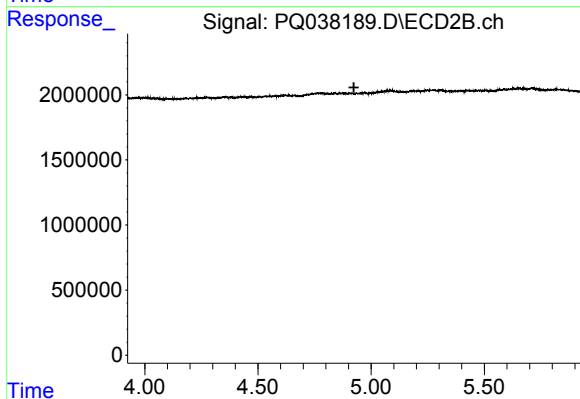
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.885 min
Response: 0
Conc: N.D.



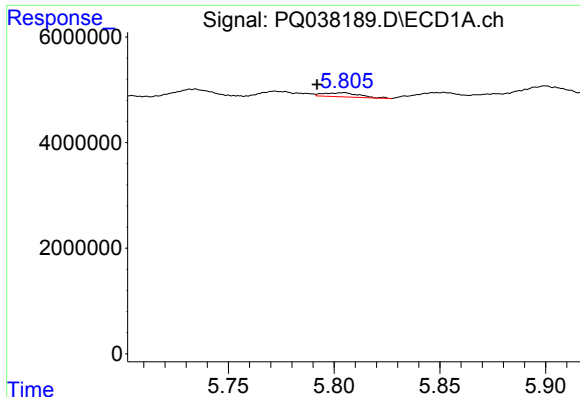
#6 AR-1016-4

R.T.: 5.524 min
Delta R.T.: 0.014 min
Response: 252567
Conc: 1.69 ng/ml



#6 AR-1016-4

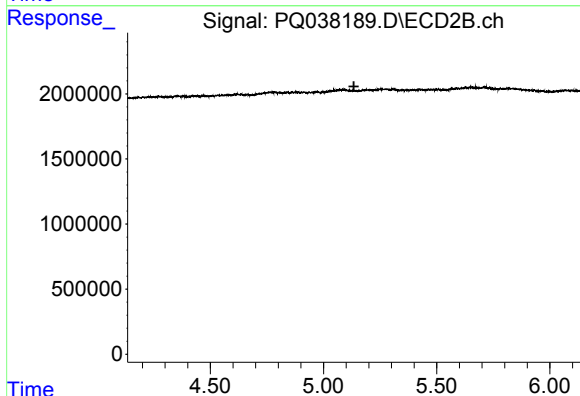
R.T.: 0.000 min
Exp R.T. : 4.924 min
Response: 0
Conc: N.D.



#7 AR-1016-5

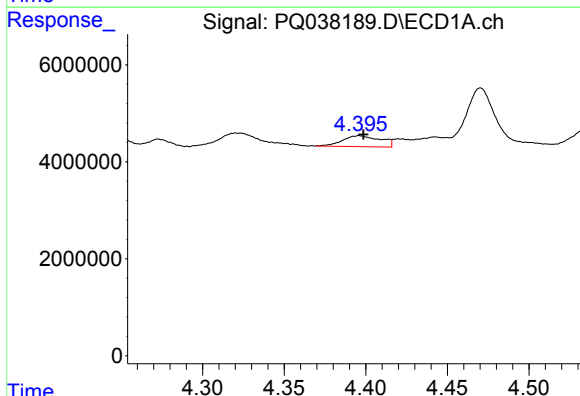
R.T.: 5.804 min
Delta R.T.: 0.012 min
Response: 904137
Conc: 6.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



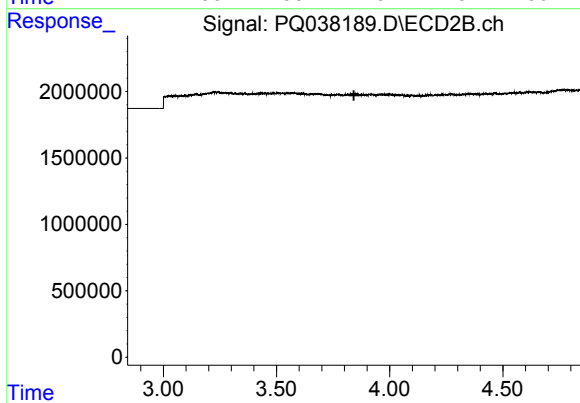
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.134 min
Response: 0
Conc: N.D.



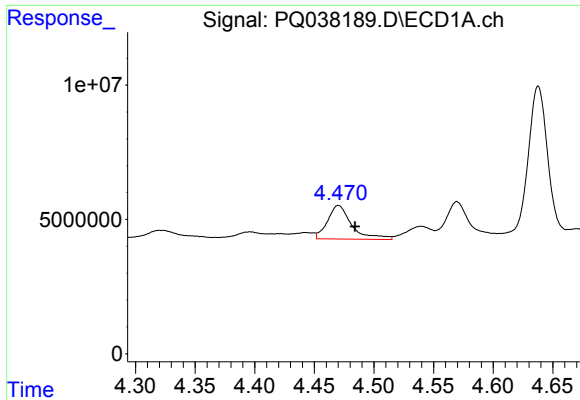
#8 AR-1221-1

R.T.: 4.396 min
Delta R.T.: -0.002 min
Response: 3654400
Conc: 57.59 ng/ml



#8 AR-1221-1

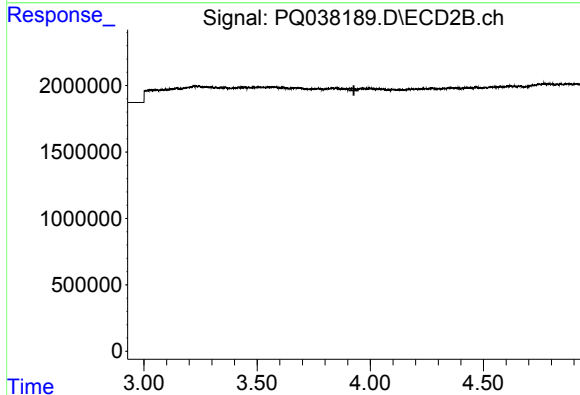
R.T.: 0.000 min
Exp R.T. : 3.842 min
Response: 0
Conc: N.D.



#9 AR-1221-2

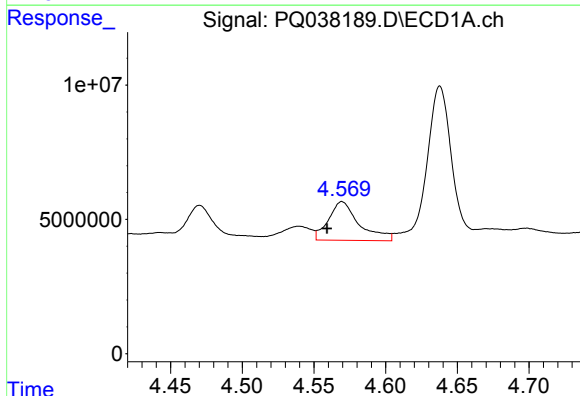
R.T.: 4.470 min
Delta R.T.: -0.014 min
Response: 17694073
Conc: 382.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



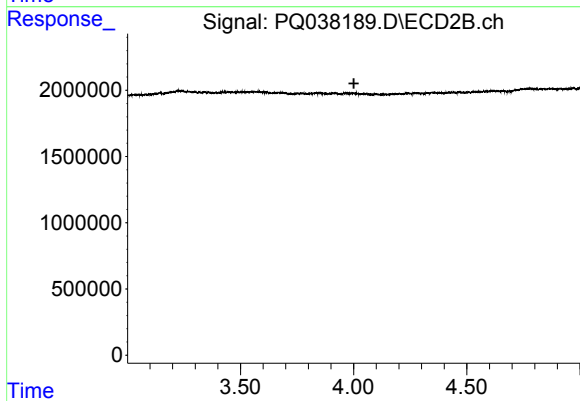
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.928 min
Response: 0
Conc: N.D.



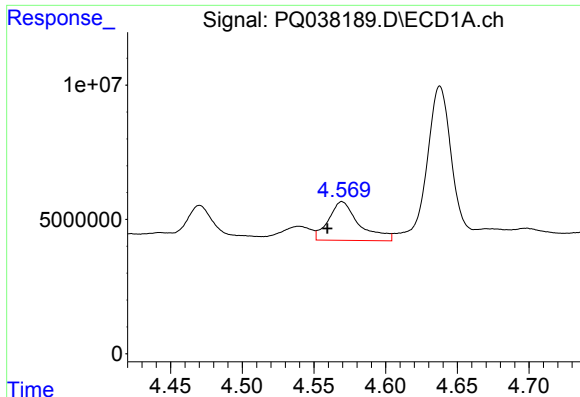
#10 AR-1221-3

R.T.: 4.570 min
Delta R.T.: 0.010 min
Response: 21523669
Conc: 140.83 ng/ml



#10 AR-1221-3

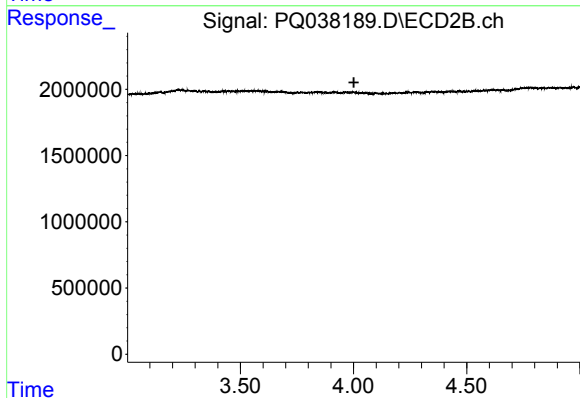
R.T.: 0.000 min
Exp R.T. : 4.001 min
Response: 0
Conc: N.D.



#11 AR-1232-1

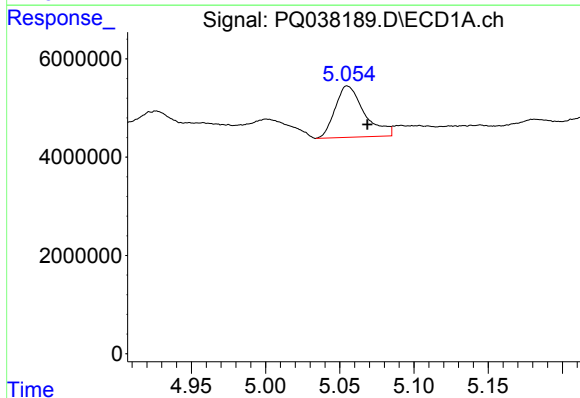
R.T.: 4.570 min
Delta R.T.: 0.010 min
Response: 21523669
Conc: 172.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



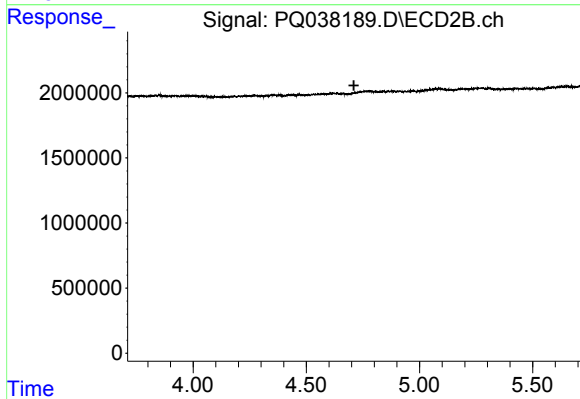
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.001 min
Response: 0
Conc: N.D.



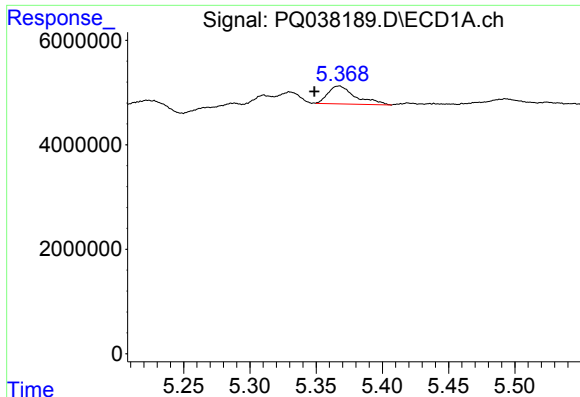
#12 AR-1232-2

R.T.: 5.055 min
Delta R.T.: -0.013 min
Response: 14301432
Conc: 242.87 ng/ml



#12 AR-1232-2

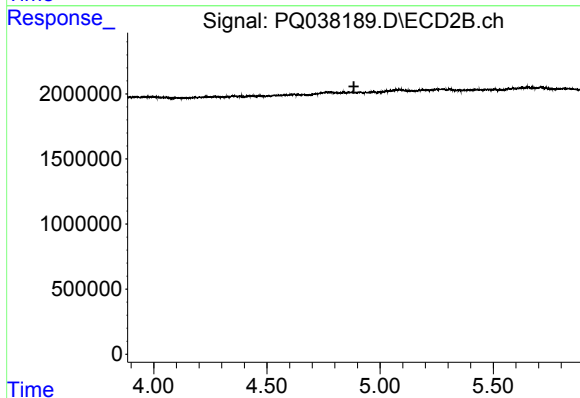
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



#13 AR-1232-3

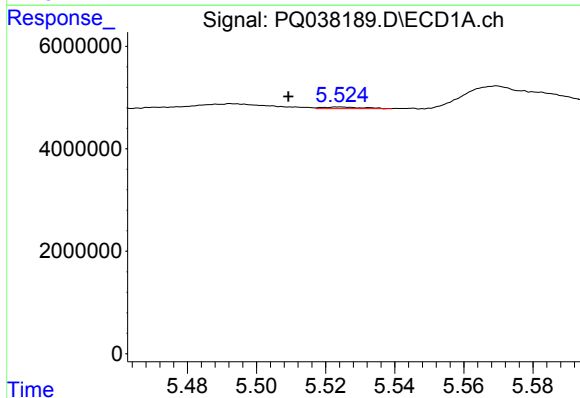
R.T.: 5.367 min
Delta R.T.: 0.018 min
Response: 4959499
Conc: 40.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



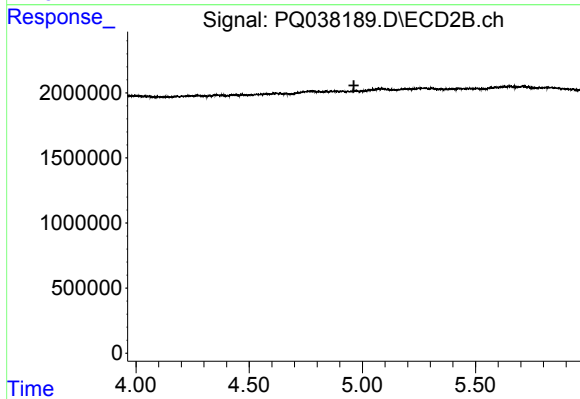
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.884 min
Response: 0
Conc: N.D.



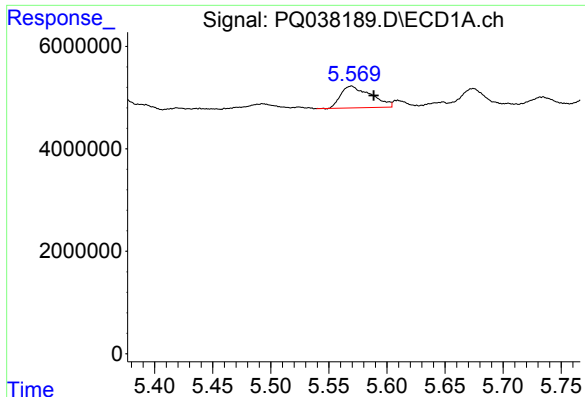
#14 AR-1232-4

R.T.: 5.524 min
Delta R.T.: 0.015 min
Response: 252567
Conc: 4.34 ng/ml



#14 AR-1232-4

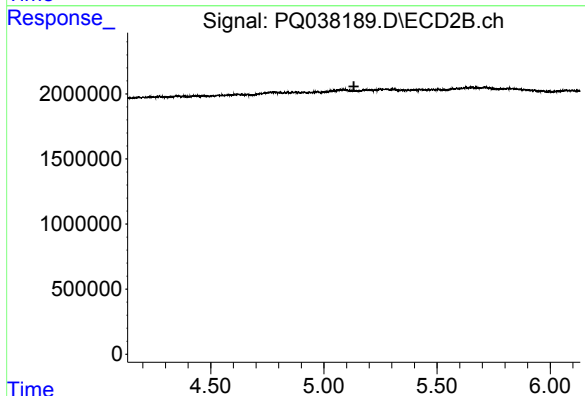
R.T.: 0.000 min
Exp R.T. : 4.962 min
Response: 0
Conc: N.D.



#15 AR-1232-5

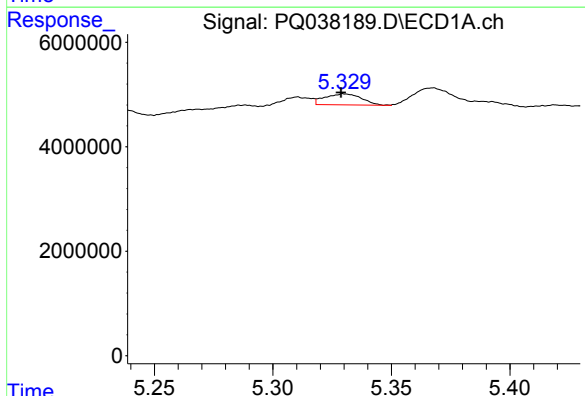
R.T.: 5.569 min
Delta R.T.: -0.019 min
Response: 7649082
Conc: 178.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



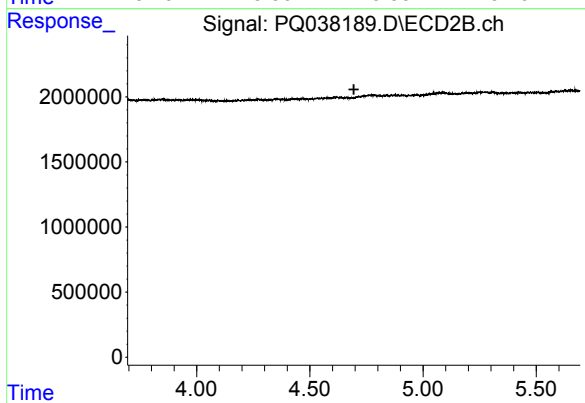
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.133 min
Response: 0
Conc: N.D.



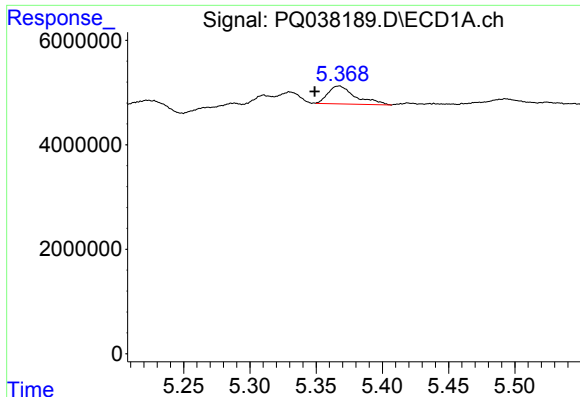
#16 AR-1242-1

R.T.: 5.330 min
Delta R.T.: 0.002 min
Response: 2302534
Conc: 14.01 ng/ml



#16 AR-1242-1

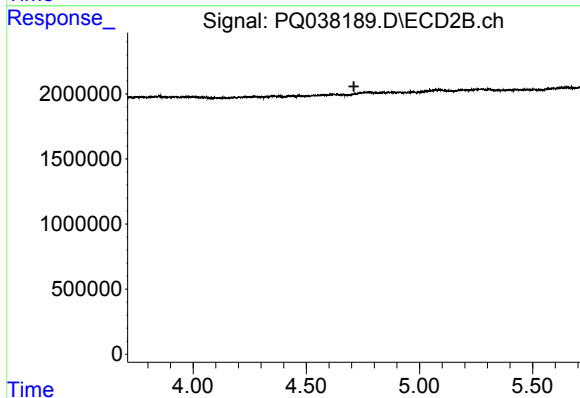
R.T.: 0.000 min
Exp R.T. : 4.694 min
Response: 0
Conc: N.D.



#17 AR-1242-2

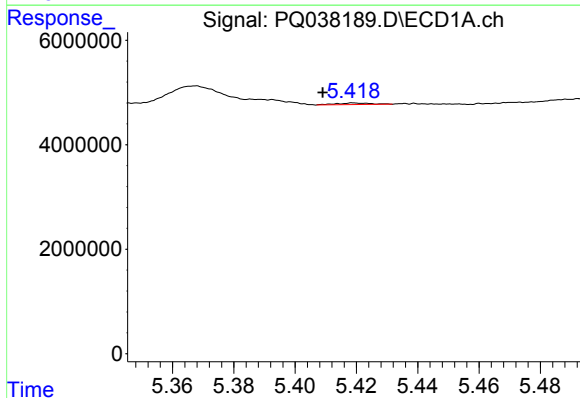
R.T.: 5.367 min
Delta R.T.: 0.018 min
Response: 4959499
Conc: 19.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



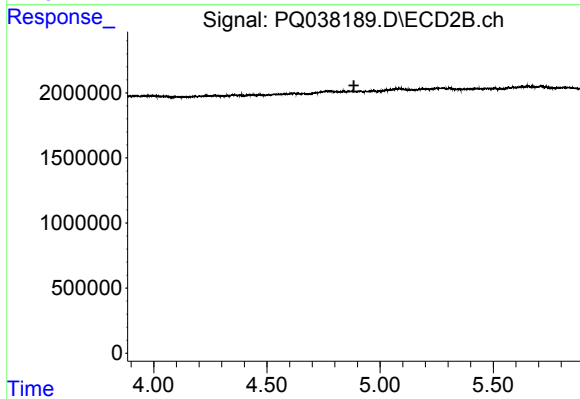
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



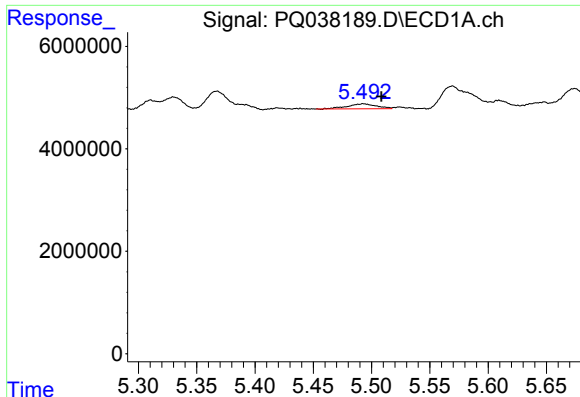
#18 AR-1242-3

R.T.: 5.419 min
Delta R.T.: 0.010 min
Response: 222849
Conc: 1.51 ng/ml



#18 AR-1242-3

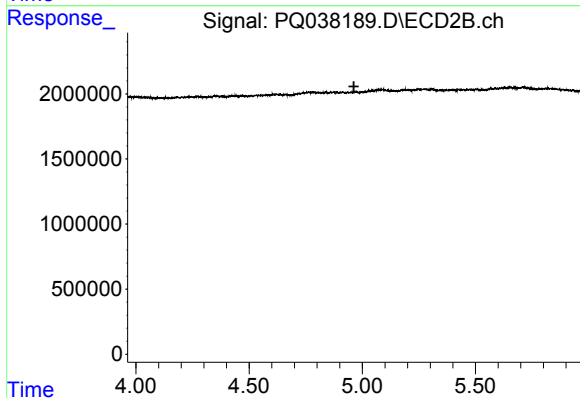
R.T.: 0.000 min
Exp R.T. : 4.884 min
Response: 0
Conc: N.D.



#19 AR-1242-4

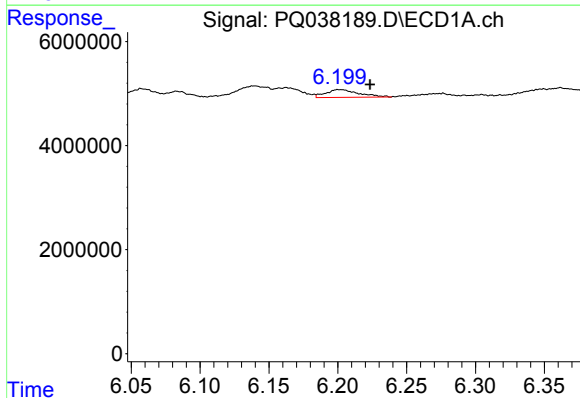
R.T.: 5.493 min
Delta R.T.: -0.015 min
Response: 1729001
Conc: 14.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



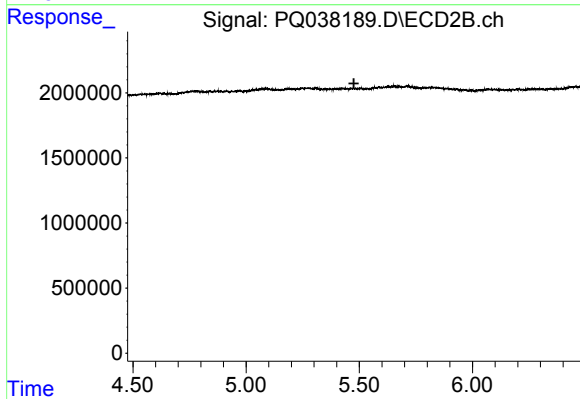
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.963 min
Response: 0
Conc: N.D.



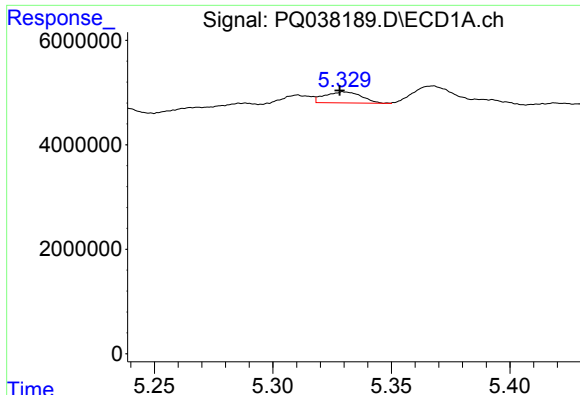
#20 AR-1242-5

R.T.: 6.201 min
Delta R.T.: -0.022 min
Response: 2489440
Conc: 18.22 ng/ml



#20 AR-1242-5

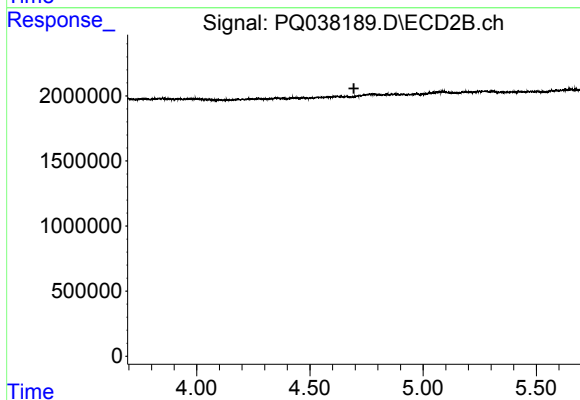
R.T.: 0.000 min
Exp R.T. : 5.476 min
Response: 0
Conc: N.D.



#21 AR-1248-1

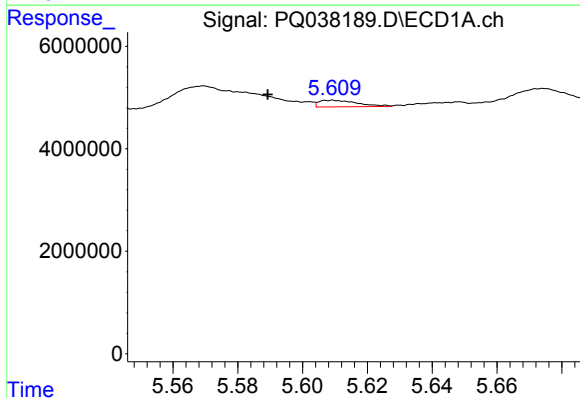
R.T.: 5.330 min
Delta R.T.: 0.002 min
Response: 2302534
Conc: 14.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



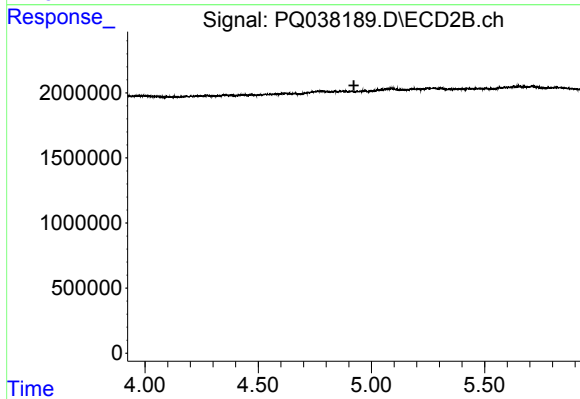
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.694 min
Response: 0
Conc: N.D.



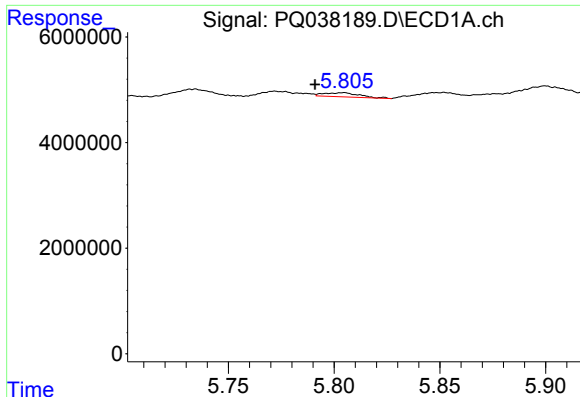
#22 AR-1248-2

R.T.: 5.609 min
Delta R.T.: 0.020 min
Response: 1060476
Conc: 4.85 ng/ml



#22 AR-1248-2

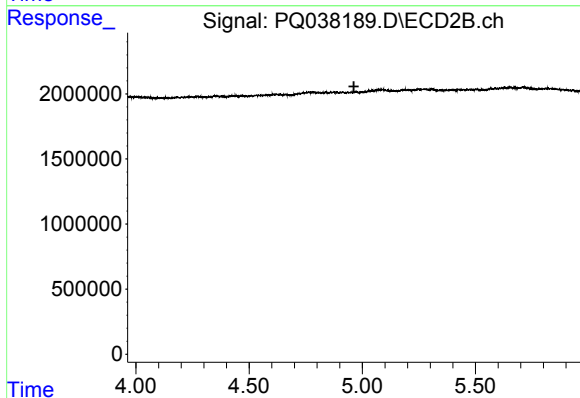
R.T.: 0.000 min
Exp R.T. : 4.923 min
Response: 0
Conc: N.D.



#23 AR-1248-3

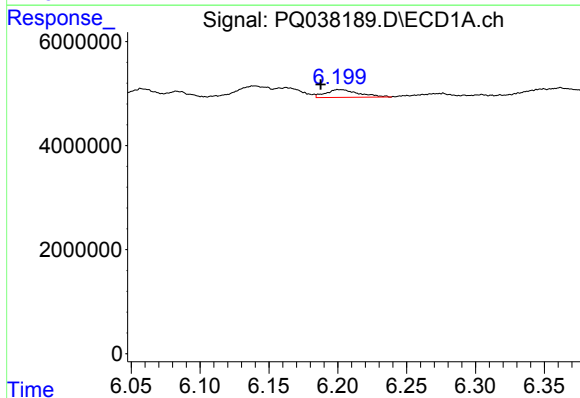
R.T.: 5.804 min
Delta R.T.: 0.013 min
Response: 904137
Conc: 3.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



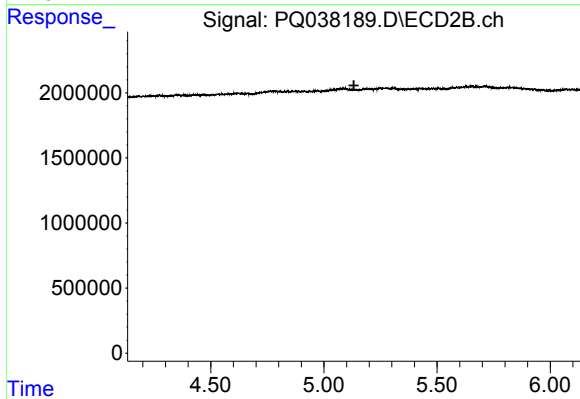
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.963 min
Response: 0
Conc: N.D.



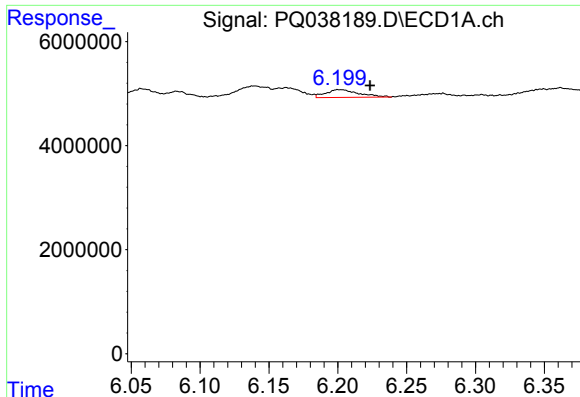
#24 AR-1248-4

R.T.: 6.201 min
Delta R.T.: 0.014 min
Response: 2489440
Conc: 8.90 ng/ml



#24 AR-1248-4

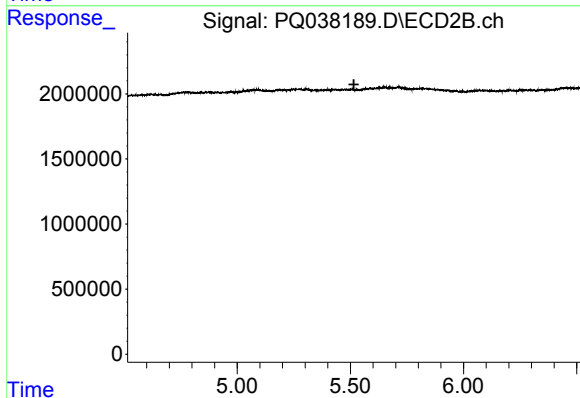
R.T.: 0.000 min
Exp R.T. : 5.133 min
Response: 0
Conc: N.D.



#25 AR-1248-5

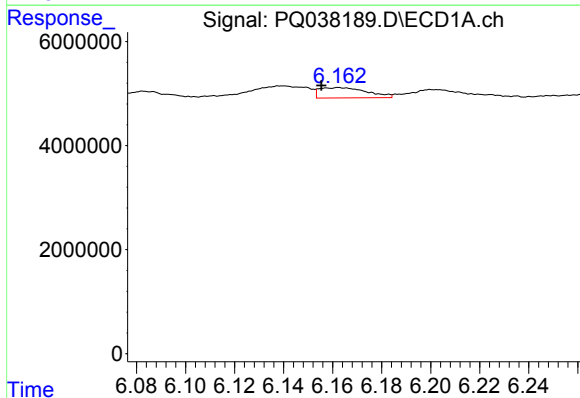
R.T.: 6.201 min
Delta R.T.: -0.022 min
Response: 2489440
Conc: 9.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



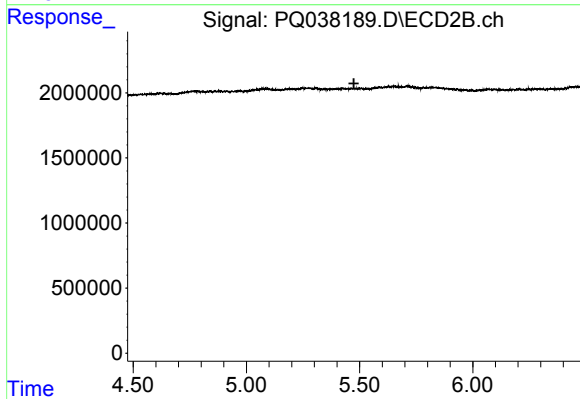
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.515 min
Response: 0
Conc: N.D.



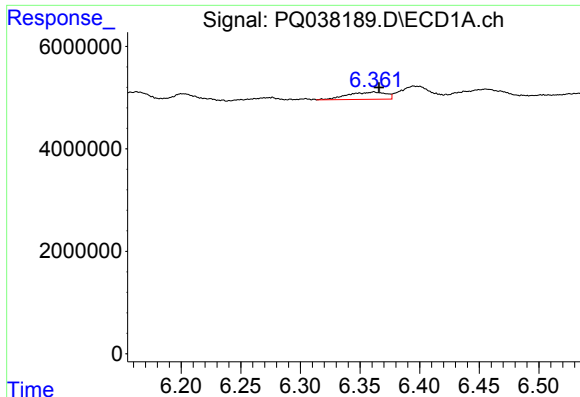
#26 AR-1254-1

R.T.: 6.163 min
Delta R.T.: 0.007 min
Response: 2671675
Conc: 13.60 ng/ml



#26 AR-1254-1

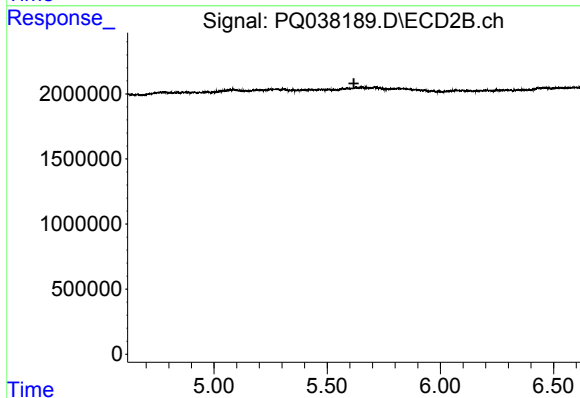
R.T.: 0.000 min
Exp R.T. : 5.475 min
Response: 0
Conc: N.D.



#27 AR-1254-2

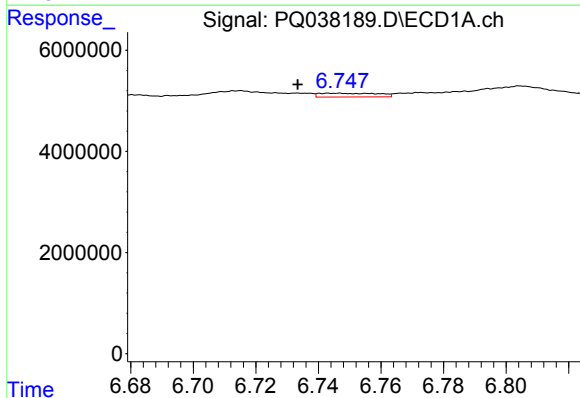
R.T.: 6.362 min
Delta R.T.: -0.004 min
Response: 3176790
Conc: 10.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



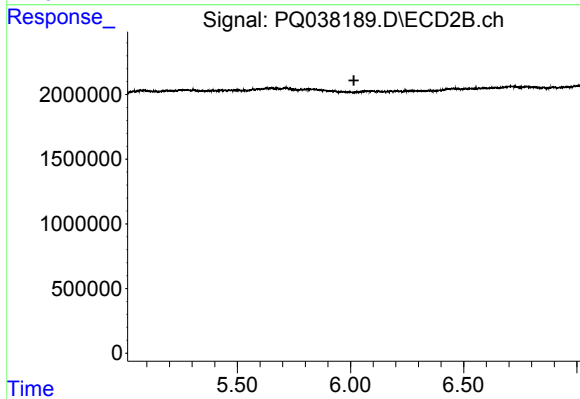
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.618 min
Response: 0
Conc: N.D.



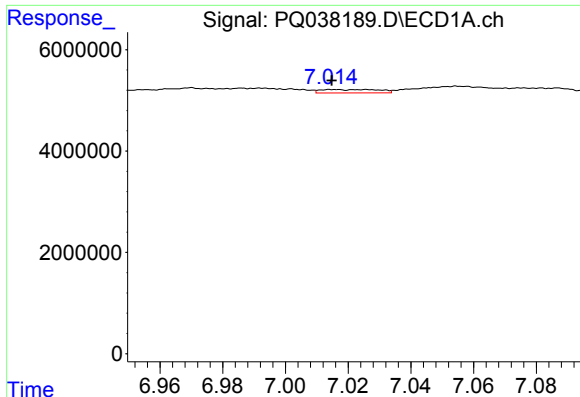
#28 AR-1254-3

R.T.: 6.745 min
Delta R.T.: 0.012 min
Response: 957284
Conc: 3.07 ng/ml



#28 AR-1254-3

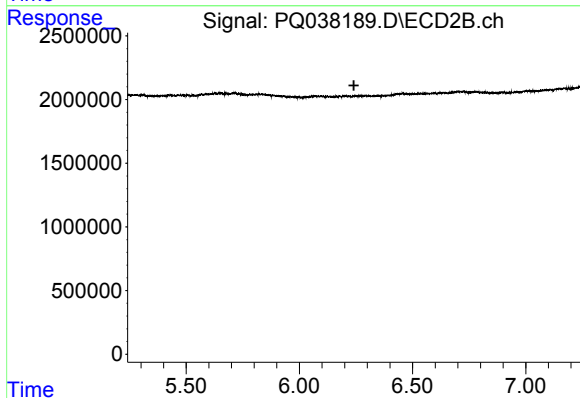
R.T.: 0.000 min
Exp R.T. : 6.015 min
Response: 0
Conc: N.D.



#29 AR-1254-4

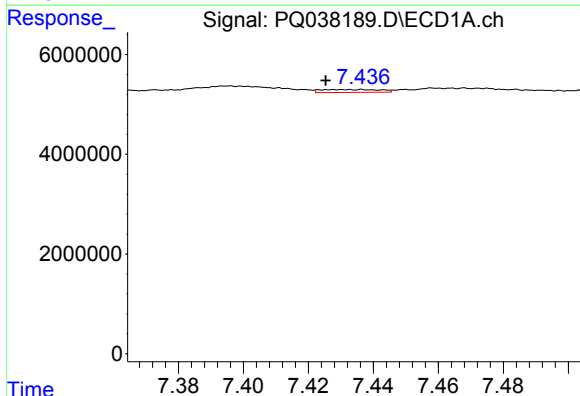
R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 859734
Conc: 3.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



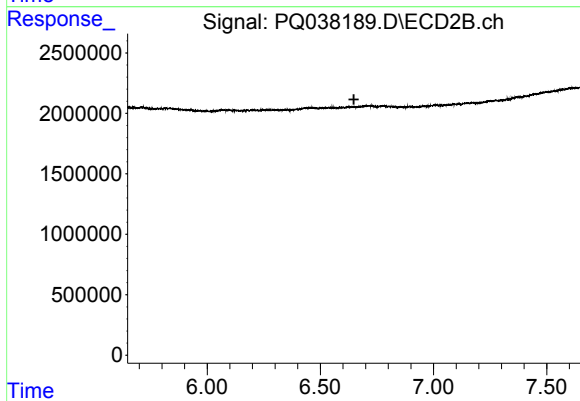
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.241 min
Response: 0
Conc: N.D.



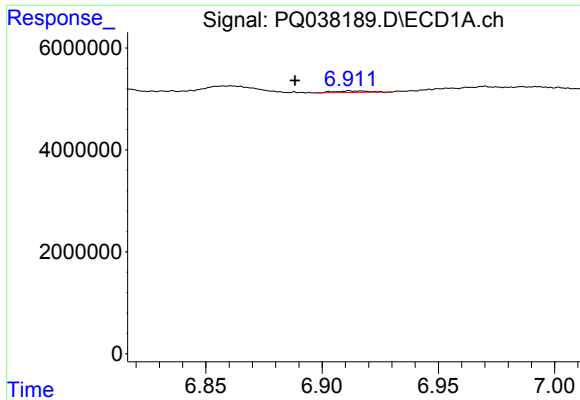
#30 AR-1254-5

R.T.: 7.437 min
Delta R.T.: 0.011 min
Response: 727443
Conc: 2.47 ng/ml



#30 AR-1254-5

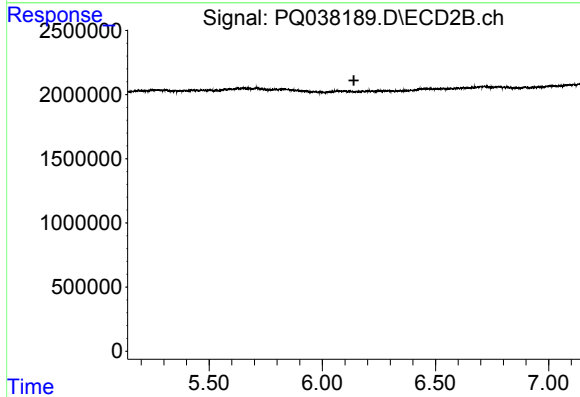
R.T.: 0.000 min
Exp R.T. : 6.648 min
Response: 0
Conc: N.D.



#31 AR-1260-1

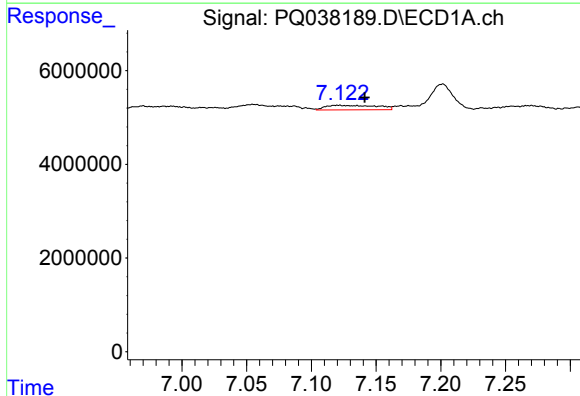
R.T.: 6.912 min
Delta R.T.: 0.024 min
Response: 338774
Conc: 1.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



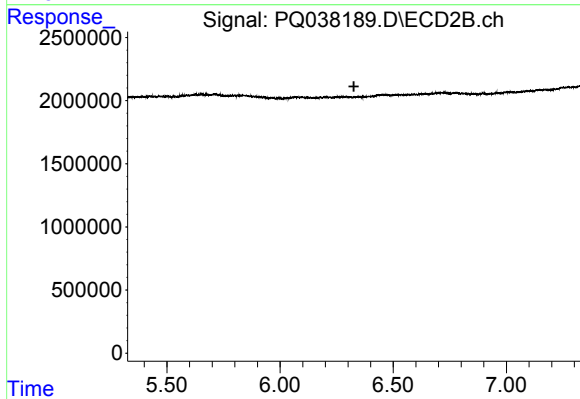
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.139 min
Response: 0
Conc: N.D.



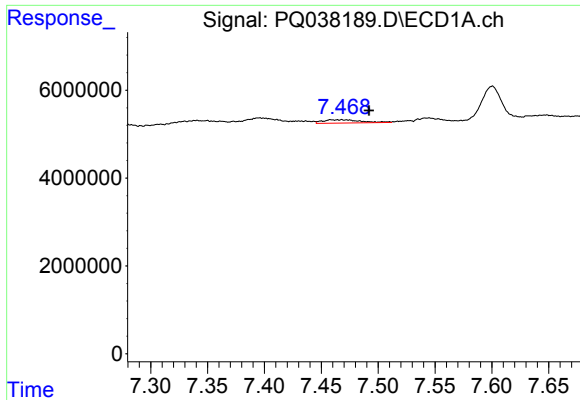
#32 AR-1260-2

R.T.: 7.121 min
Delta R.T.: -0.020 min
Response: 2667340
Conc: 7.74 ng/ml



#32 AR-1260-2

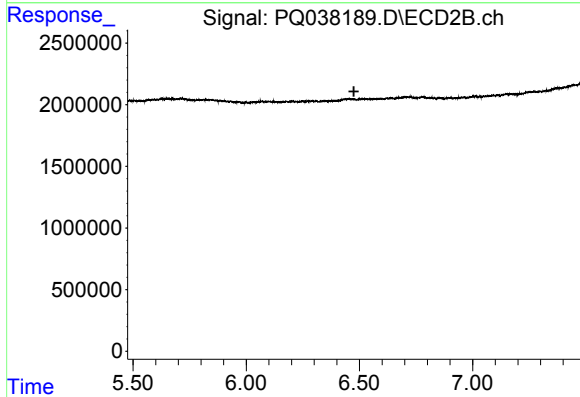
R.T.: 0.000 min
Exp R.T. : 6.326 min
Response: 0
Conc: N.D.



#33 AR-1260-3

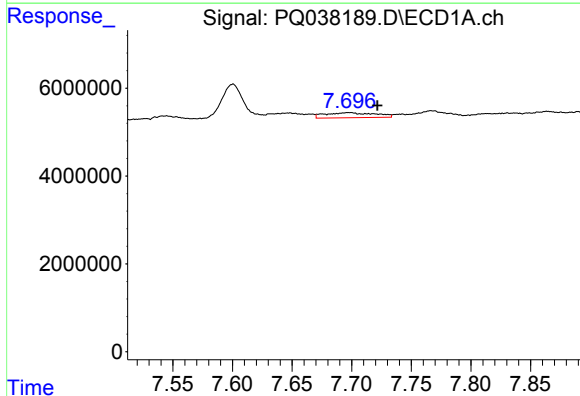
R.T.: 7.468 min
Delta R.T.: -0.024 min
Response: 1726207
Conc: 6.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



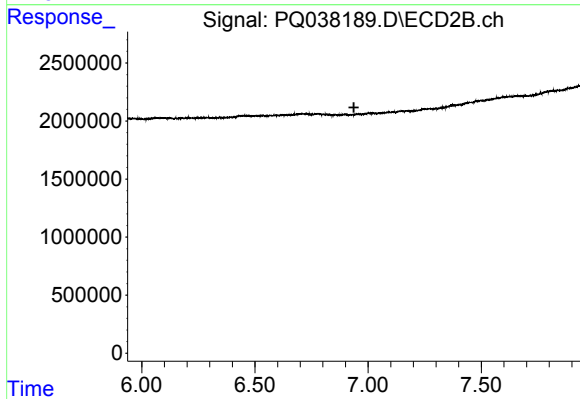
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.475 min
Response: 0
Conc: N.D.



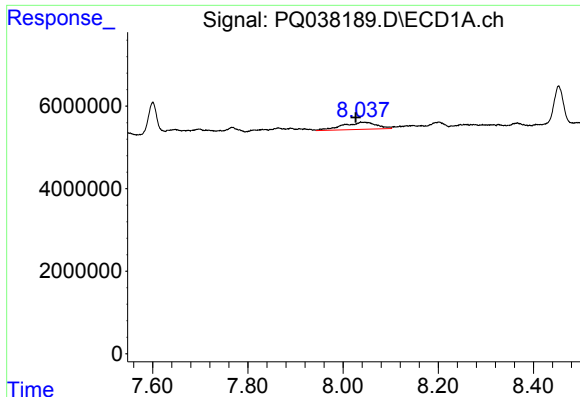
#34 AR-1260-4

R.T.: 7.698 min
Delta R.T.: -0.023 min
Response: 3346315
Conc: 12.43 ng/ml



#34 AR-1260-4

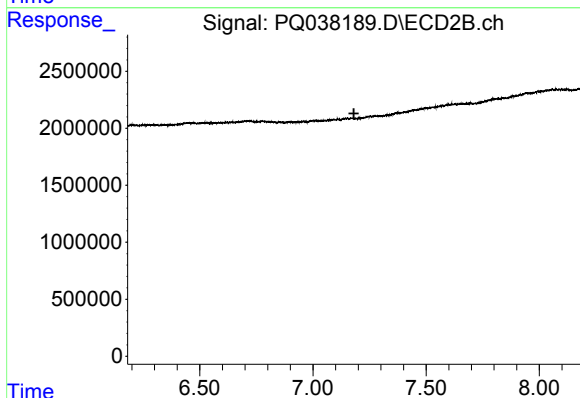
R.T.: 0.000 min
Exp R.T. : 6.937 min
Response: 0
Conc: N.D.



#35 AR-1260-5

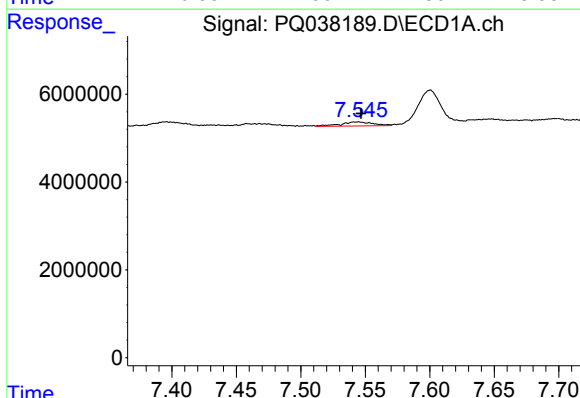
R.T.: 8.037 min
Delta R.T.: 0.011 min
Response: 8511395
Conc: 13.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



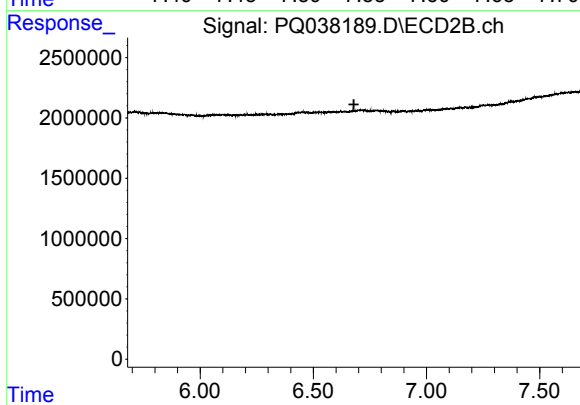
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.181 min
Response: 0
Conc: N.D.



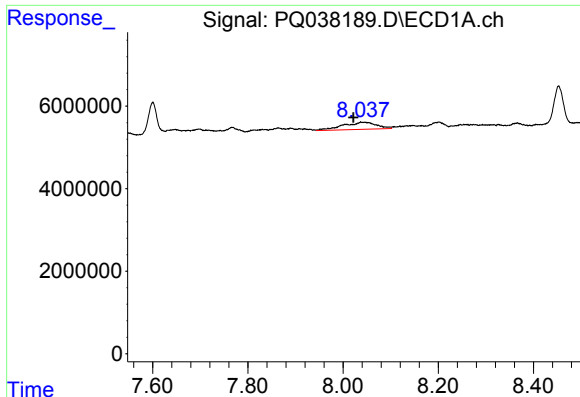
#36 AR-1262-1

R.T.: 7.545 min
Delta R.T.: -0.002 min
Response: 1597567
Conc: 10.34 ng/ml



#36 AR-1262-1

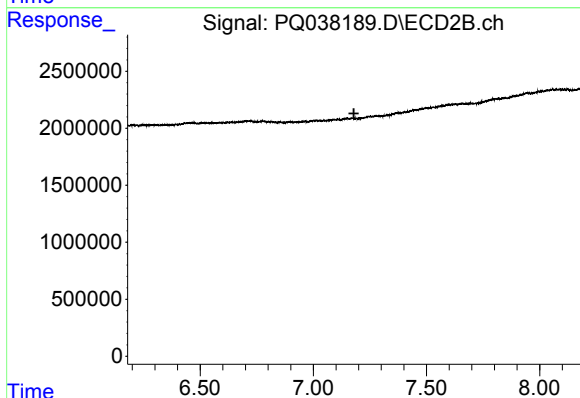
R.T.: 0.000 min
Exp R.T. : 6.679 min
Response: 0
Conc: N.D.



#37 AR-1262-2

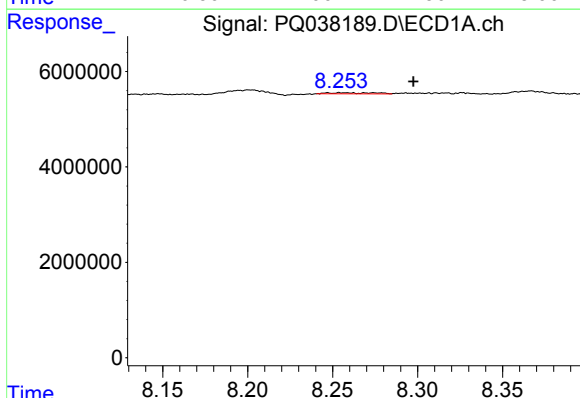
R.T.: 8.037 min
Delta R.T.: 0.015 min
Response: 8511395
Conc: 12.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



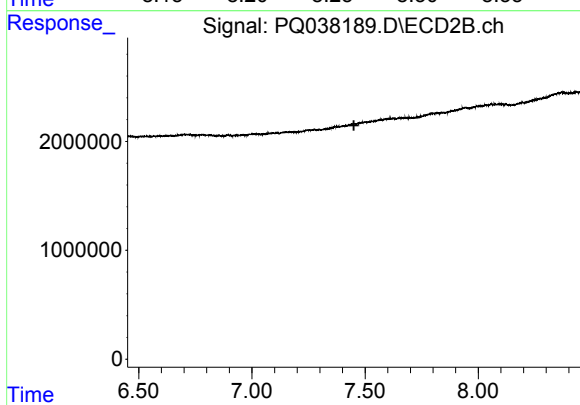
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.179 min
Response: 0
Conc: N.D.



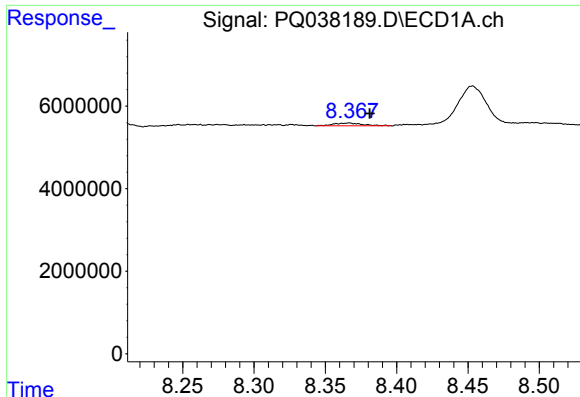
#38 AR-1262-3

R.T.: 8.254 min
Delta R.T.: -0.043 min
Response: 453213
Conc: 1.51 ng/ml



#38 AR-1262-3

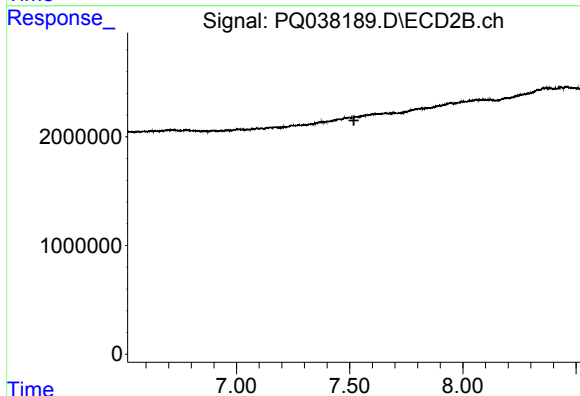
R.T.: 0.000 min
Exp R.T. : 7.450 min
Response: 0
Conc: N.D.



#39 AR-1262-4

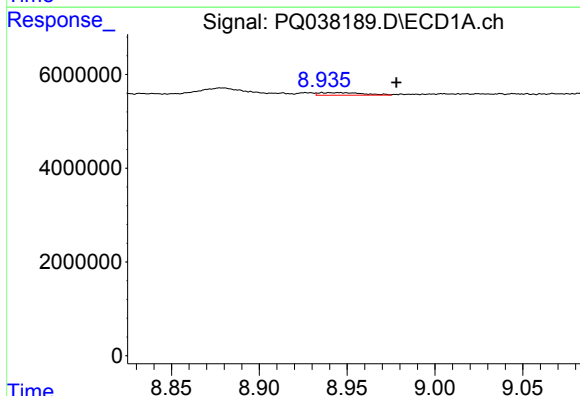
R.T.: 8.367 min
Delta R.T.: -0.015 min
Response: 936968
Conc: 2.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



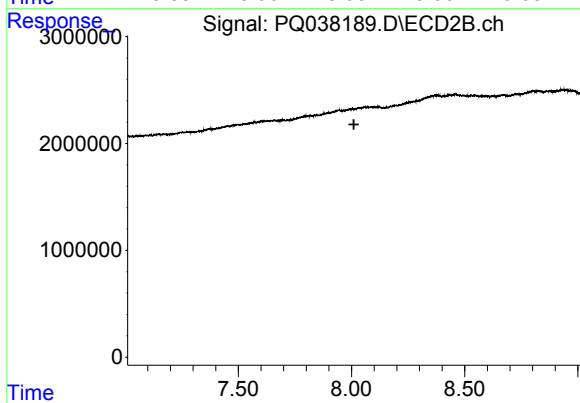
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.519 min
Response: 0
Conc: N.D.



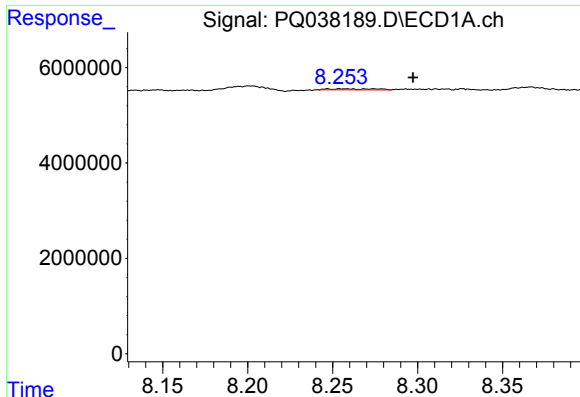
#40 AR-1262-5

R.T.: 8.936 min
Delta R.T.: -0.042 min
Response: 993297
Conc: 4.16 ng/ml



#40 AR-1262-5

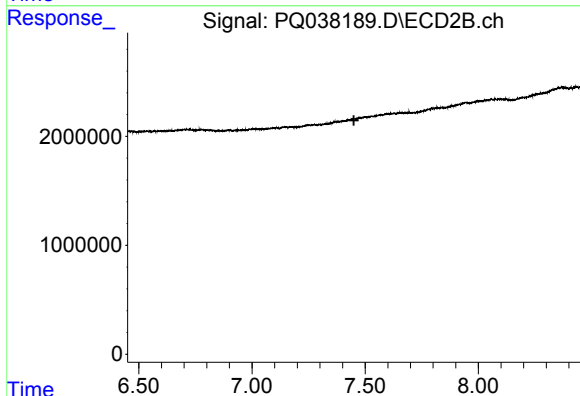
R.T.: 0.000 min
Exp R.T. : 8.011 min
Response: 0
Conc: N.D.



#41 AR-1268-1

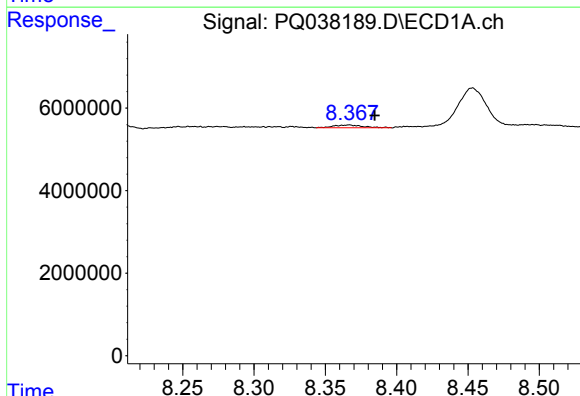
R.T.: 8.254 min
Delta R.T.: -0.043 min
Response: 453213
Conc: 0.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



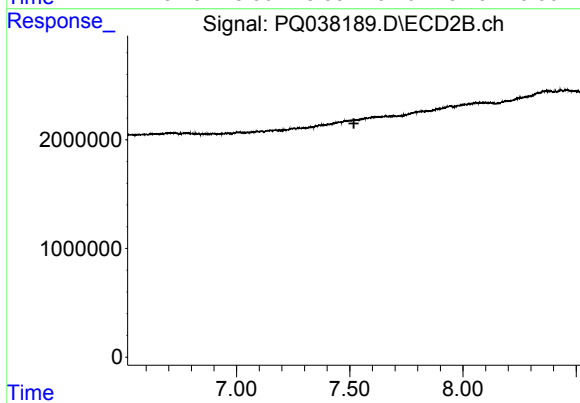
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.450 min
Response: 0
Conc: N.D.



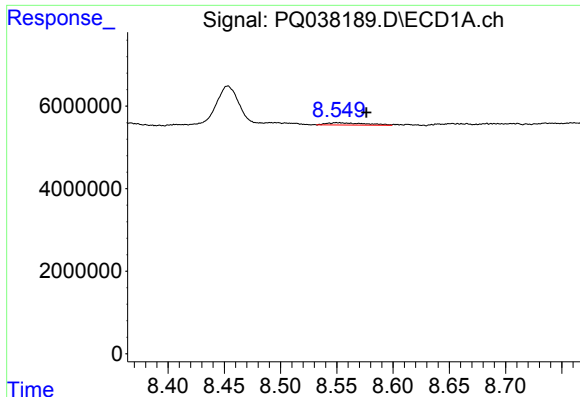
#42 AR-1268-2

R.T.: 8.367 min
Delta R.T.: -0.018 min
Response: 936968
Conc: 1.25 ng/ml



#42 AR-1268-2

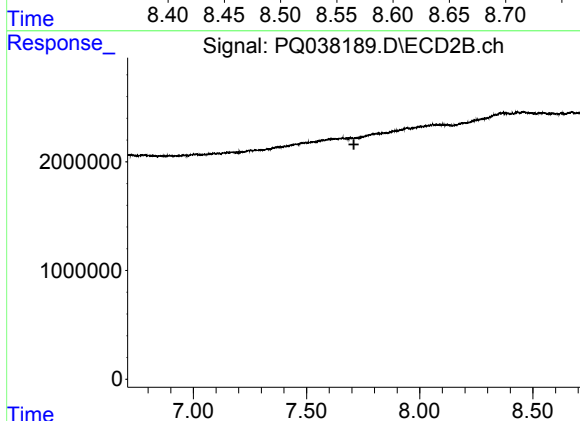
R.T.: 0.000 min
Exp R.T. : 7.518 min
Response: 0
Conc: N.D.



#43 AR-1268-3

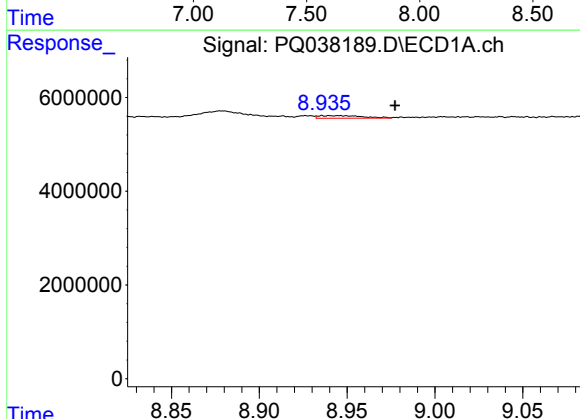
R.T.: 8.550 min
Delta R.T.: -0.026 min
Response: 1341862
Conc: 2.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



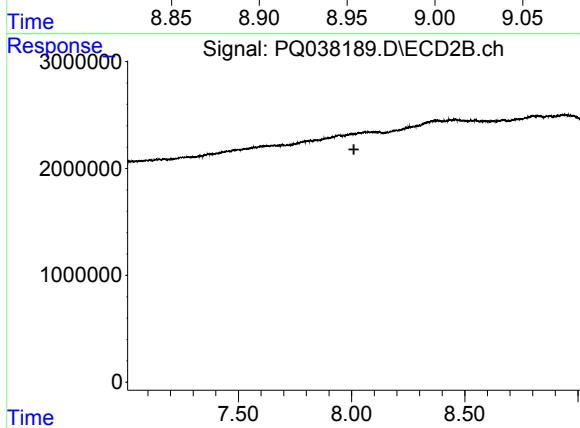
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.709 min
Response: 0
Conc: N.D.



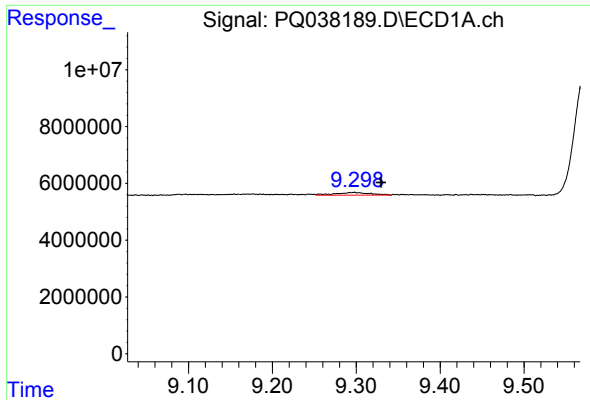
#44 AR-1268-4

R.T.: 8.936 min
Delta R.T.: -0.041 min
Response: 993297
Conc: 3.84 ng/ml



#44 AR-1268-4

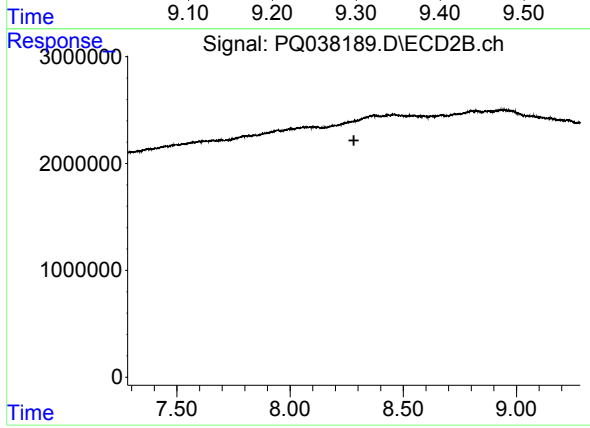
R.T.: 0.000 min
Exp R.T. : 8.010 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.298 min
Delta R.T.: -0.032 min
Response: 2701788
Conc: 1.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.282 min
Response: 0
Conc: N.D.