

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032319\
 Data File : PQ038191.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Mar 2019 08:16
 Operator : SM\SJ
 Sample : K2033-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 25 03:14:18 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	116.9E6	0	20.096	N.D.	#
2)	SA Decachlor...	9.571	0.000	13536725	0	2.808	N.D.	#
Target Compounds								
3)	L1 AR-1016-1	5.325	0.000	1270848	0	6.315	N.D.	#
4)	L1 AR-1016-2	5.365	0.000	2749028	0	8.760	N.D.	#
5)	L1 AR-1016-3	5.438	0.000	783791	0	4.303	N.D.	#
6)	L1 AR-1016-4	5.495	0.000	1814835	0	12.132	N.D.	#
7)	L1 AR-1016-5	5.769	0.000	1711709	0	11.789	N.D.	#
8)	L2 AR-1221-1	4.400	0.000	1424391	0	22.449	N.D.	#
9)	L2 AR-1221-2	4.469	0.000	7466691	0	161.408	N.D.	#
10)	L2 AR-1221-3	4.568	0.000	6511894	0	42.606	N.D.	#
11)	L3 AR-1232-1	4.568	0.000	6511894	0	52.324	N.D.	#
12)	L3 AR-1232-2	5.053	0.000	2731092	0	46.380	N.D.	#
13)	L3 AR-1232-3	5.365	0.000	2749028	0	22.259	N.D.	#
14)	L3 AR-1232-4	5.495	0.000	1814835	0	31.159	N.D.	#
15)	L3 AR-1232-5	5.568	0.000	5752891	0	134.572	N.D.	#
16)	L4 AR-1242-1	5.325	0.000	1270848	0	7.734	N.D.	#
17)	L4 AR-1242-2	5.365	0.000	2749028	0	10.774	N.D.	#
18)	L4 AR-1242-3	5.438	0.000	783791	0	5.314	N.D.	#
19)	L4 AR-1242-4	5.495	0.000	1814835	0	14.826	N.D.	#
20)	L4 AR-1242-5	6.202	0.000	2406624	0	17.614	N.D.	#
21)	L5 AR-1248-1	5.325	0.000	1270848	0	8.024	N.D.	#
22)	L5 AR-1248-2	5.568	0.000	5752891	0	26.283	N.D.	#
23)	L5 AR-1248-3	5.769	0.000	1711709	0	6.967	N.D.	#
24)	L5 AR-1248-4	6.202	0.000	2406624	0	8.604	N.D.	#
25)	L5 AR-1248-5	6.202	0.000	2406624	0	9.078	N.D.	#
26)	L6 AR-1254-1	6.164	0.000	2732790	0	13.910	N.D.	#
27)	L6 AR-1254-2	6.347	0.000	3599710	0	11.745	N.D.	#
28)	L6 AR-1254-3	6.713	0.000	1633832	0	5.247	N.D.	#
29)	L6 AR-1254-4	6.993	0.000	2136361	0	8.416	N.D.	#
30)	L6 AR-1254-5	7.400	0.000	1973157	0	6.687	N.D.	#
31)	L7 AR-1260-1	6.862	0.000	2775492	0	10.718	N.D.	#
32)	L7 AR-1260-2	7.125	0.000	837015	0	2.428	N.D.	#
33)	L7 AR-1260-3	7.470	0.000	2096188	0	7.391	N.D.	#
34)	L7 AR-1260-4	7.702	0.000	3414476	0	12.683	N.D.	#
35)	L7 AR-1260-5	8.035	0.000	4727152	0	7.503	N.D.	#
36)	L8 AR-1262-1	7.542	0.000	2064349	0	13.367	N.D.	#
37)	L8 AR-1262-2	8.035	0.000	4727152	0	6.739	N.D.	#
39)	L8 AR-1262-4	8.384	0.000	445838	0	1.286	N.D.	#
40)	L8 AR-1262-5	9.007	0.000	1558372	0	6.522	N.D.	#
42)	L9 AR-1268-2	8.384	0.000	445838	0	0.597	N.D.	#
43)	L9 AR-1268-3	8.552	0.000	364353	0	0.556	N.D.	#

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Instrument :
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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
44) L9	AR-1268-4	9.007	0.000	1558372	0	6.020	N.D. #
45) L9	AR-1268-5	9.332	0.000	99083	0	0.051	N.D. #

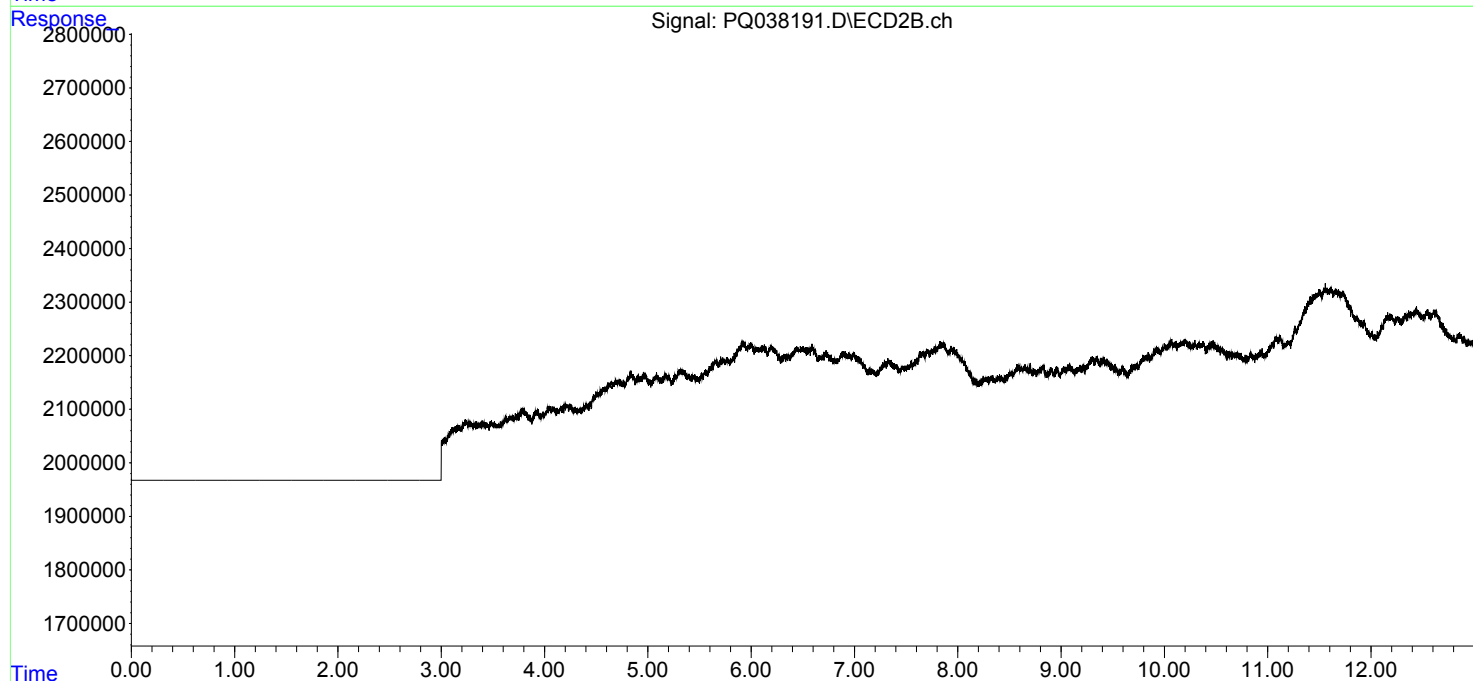
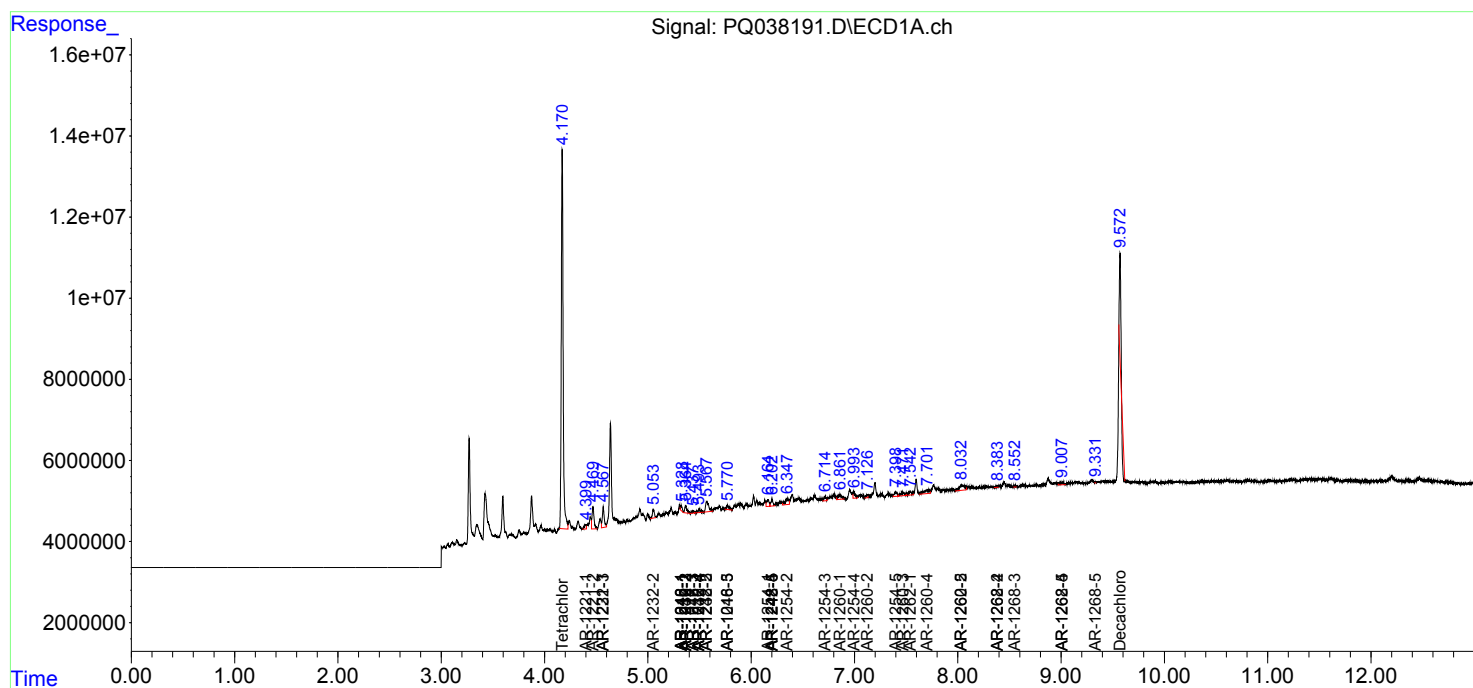
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

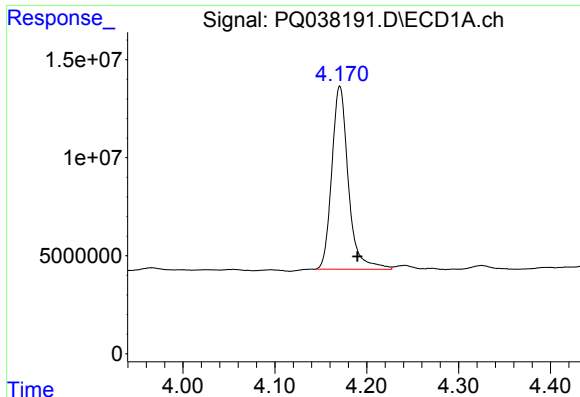
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Volume Inj. : 2 µl
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Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

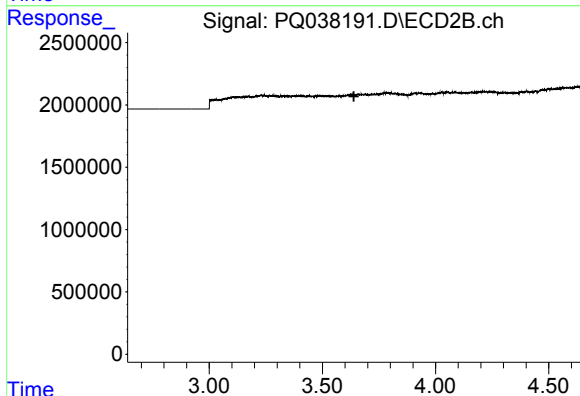




#1 Tetrachloro-m-xylene

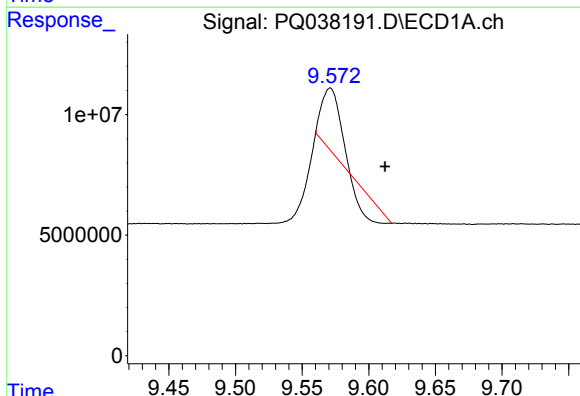
R.T.: 4.171 min
Delta R.T.: -0.019 min
Response: 116932587
Conc: 20.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



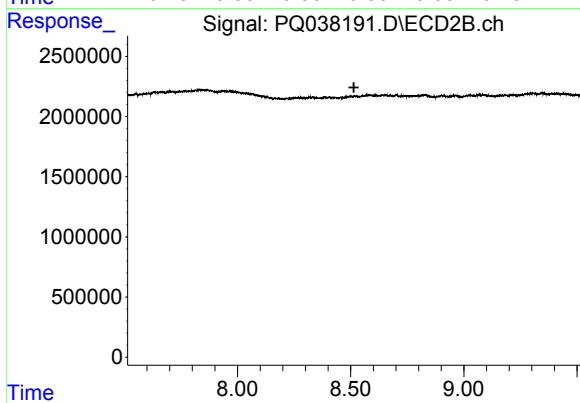
#1 Tetrachloro-m-xylene

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



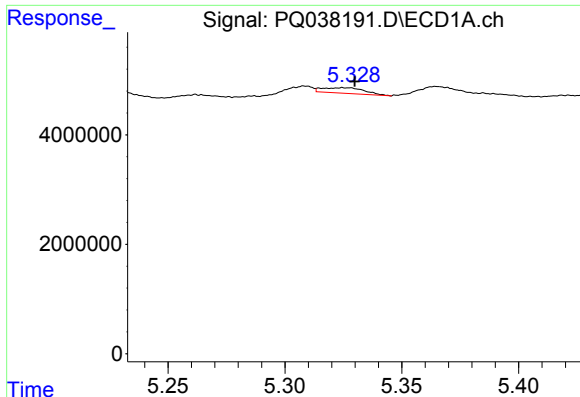
#2 Decachlorobiphenyl

R.T.: 9.571 min
Delta R.T.: -0.041 min
Response: 13536725
Conc: 2.81 ng/ml



#2 Decachlorobiphenyl

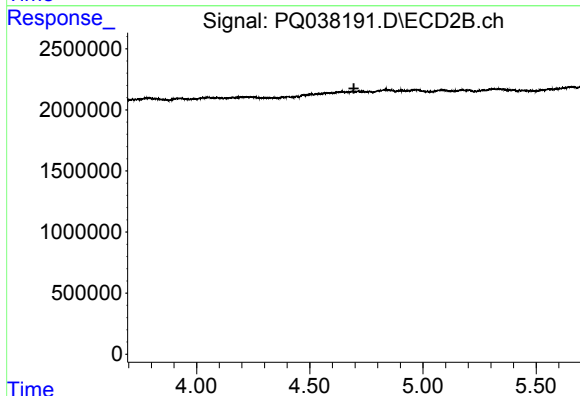
R.T.: 0.000 min
Exp R.T. : 8.514 min
Response: 0
Conc: N.D.



#3 AR-1016-1

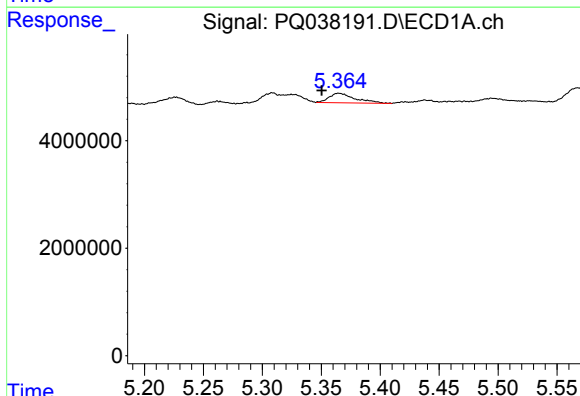
R.T.: 5.325 min
Delta R.T.: -0.005 min
Response: 1270848
Conc: 6.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



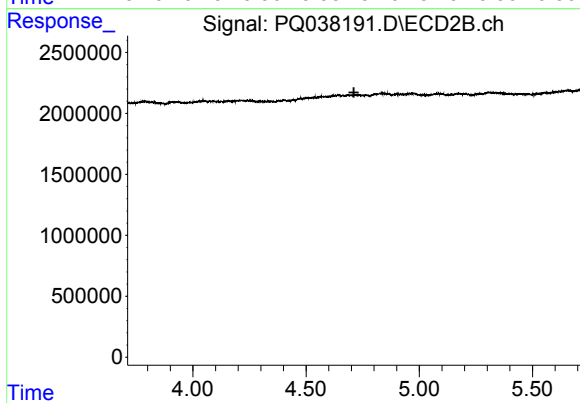
#3 AR-1016-1

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



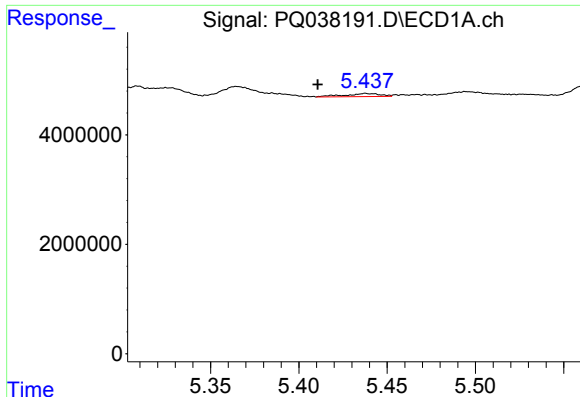
#4 AR-1016-2

R.T.: 5.365 min
Delta R.T.: 0.014 min
Response: 2749028
Conc: 8.76 ng/ml



#4 AR-1016-2

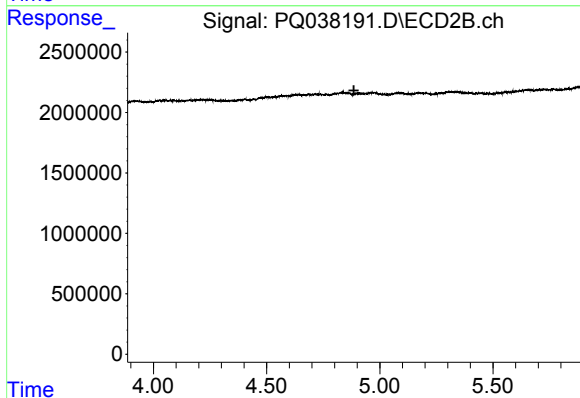
R.T.: 0.000 min
Exp R.T. : 4.711 min
Response: 0
Conc: N.D.



#5 AR-1016-3

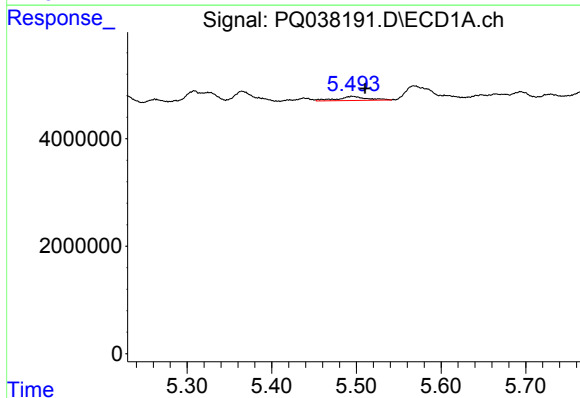
R.T.: 5.438 min
Delta R.T.: 0.027 min
Response: 783791
Conc: 4.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



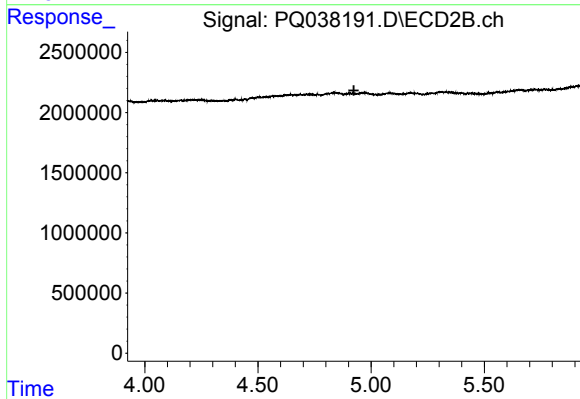
#5 AR-1016-3

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



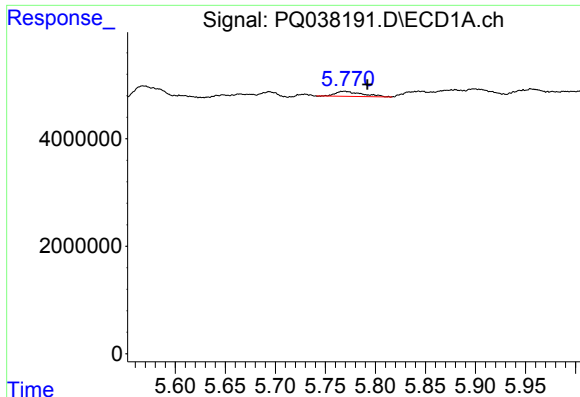
#6 AR-1016-4

R.T.: 5.495 min
Delta R.T.: -0.015 min
Response: 1814835
Conc: 12.13 ng/ml



#6 AR-1016-4

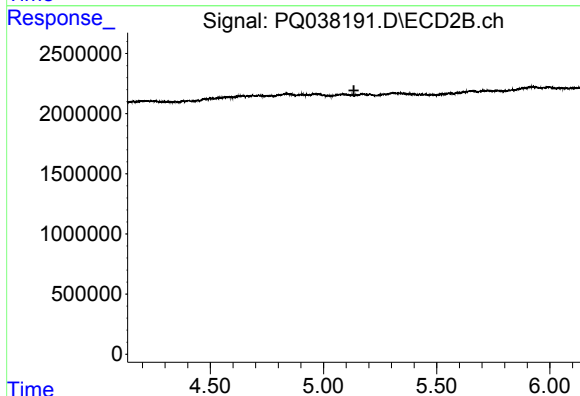
R.T.: 0.000 min
Exp R.T. : 4.924 min
Response: 0
Conc: N.D.



#7 AR-1016-5

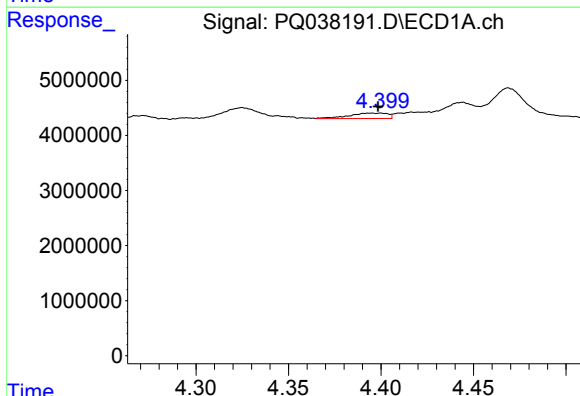
R.T.: 5.769 min
Delta R.T.: -0.023 min
Response: 1711709
Conc: 11.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



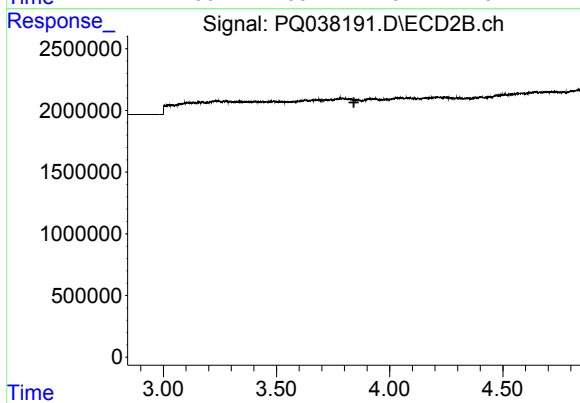
#7 AR-1016-5

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



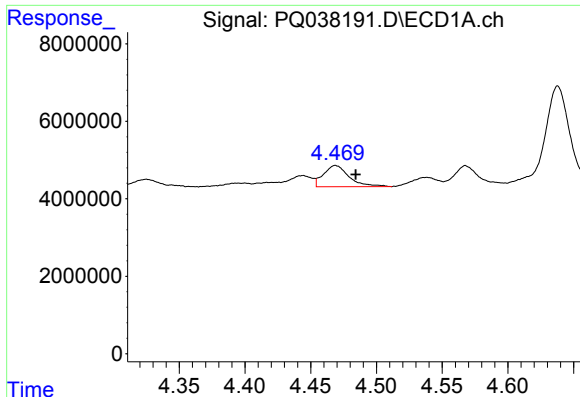
#8 AR-1221-1

R.T.: 4.400 min
Delta R.T.: 0.001 min
Response: 1424391
Conc: 22.45 ng/ml



#8 AR-1221-1

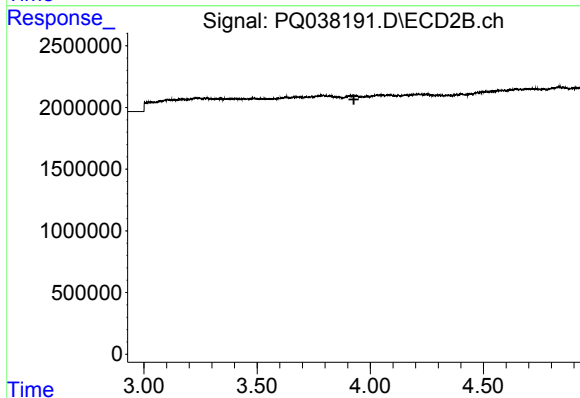
R.T.: 0.000 min
Exp R.T. : 3.842 min
Response: 0
Conc: N.D.



#9 AR-1221-2

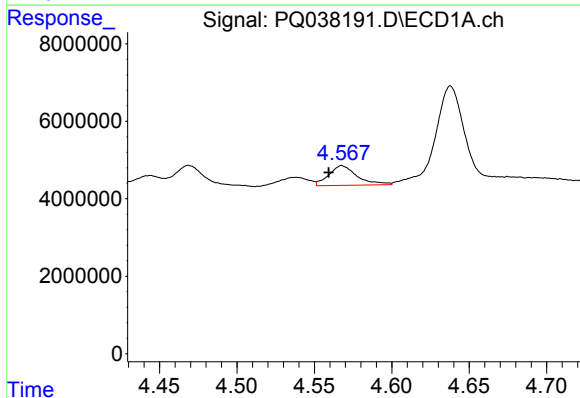
R.T.: 4.469 min
Delta R.T.: -0.015 min
Response: 7466691
Conc: 161.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



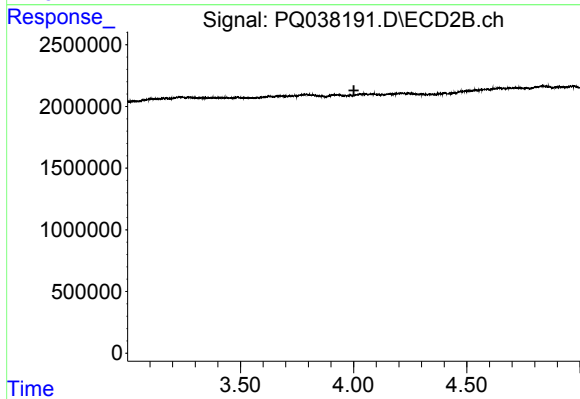
#9 AR-1221-2

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



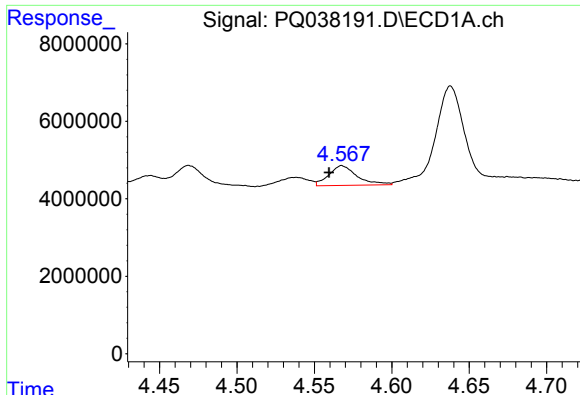
#10 AR-1221-3

R.T.: 4.568 min
Delta R.T.: 0.009 min
Response: 6511894
Conc: 42.61 ng/ml



#10 AR-1221-3

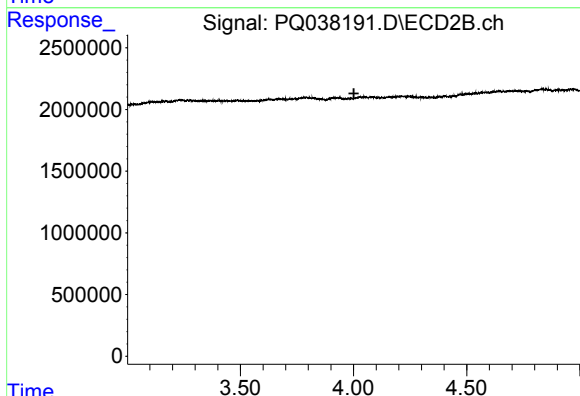
R.T.: 0.000 min
Exp R.T. : 4.001 min
Response: 0
Conc: N.D.



#11 AR-1232-1

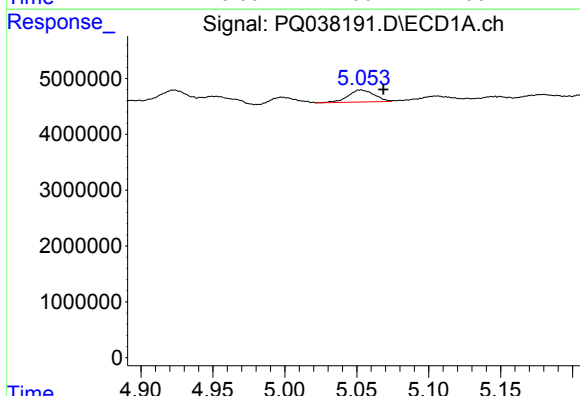
R.T.: 4.568 min
Delta R.T.: 0.008 min
Response: 6511894
Conc: 52.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



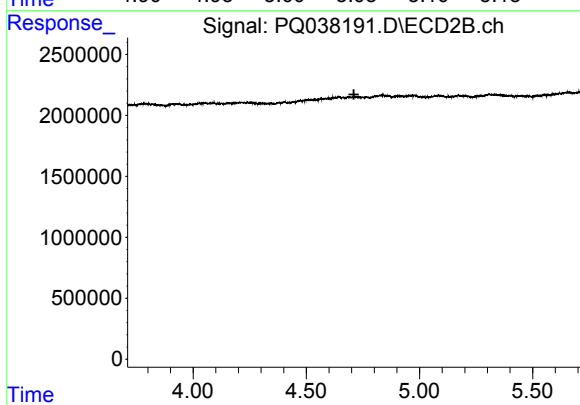
#11 AR-1232-1

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



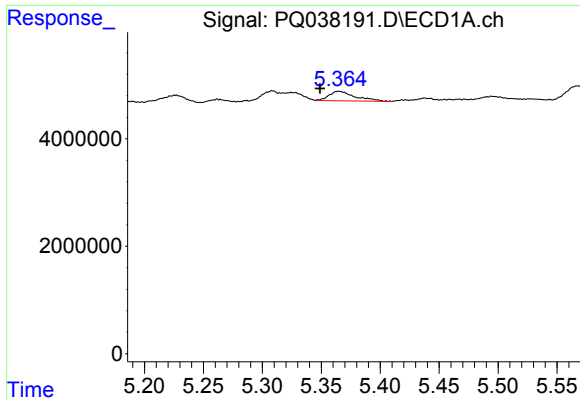
#12 AR-1232-2

R.T.: 5.053 min
Delta R.T.: -0.016 min
Response: 2731092
Conc: 46.38 ng/ml



#12 AR-1232-2

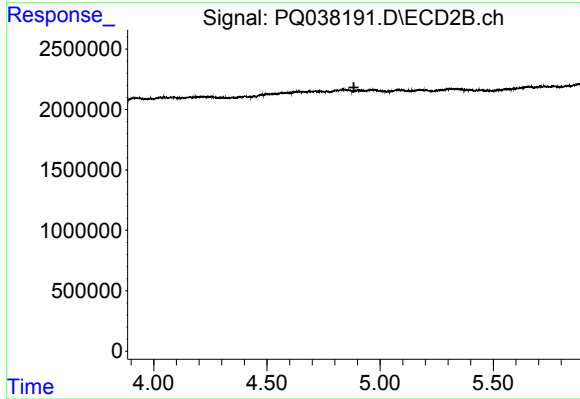
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



#13 AR-1232-3

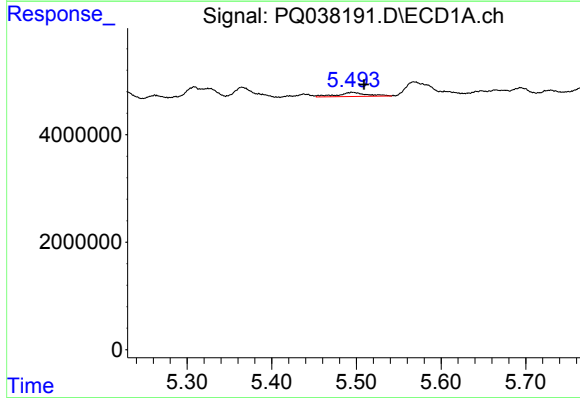
R.T.: 5.365 min
Delta R.T.: 0.016 min
Response: 2749028
Conc: 22.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



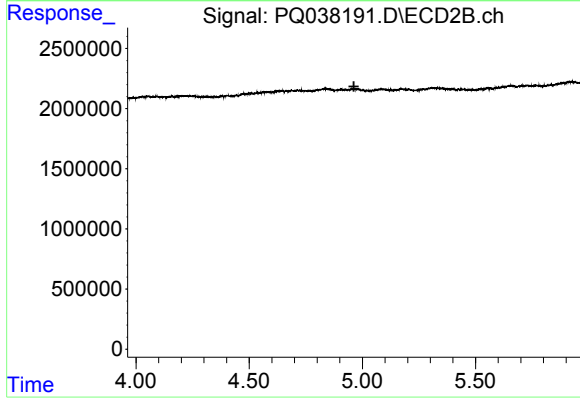
#13 AR-1232-3

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



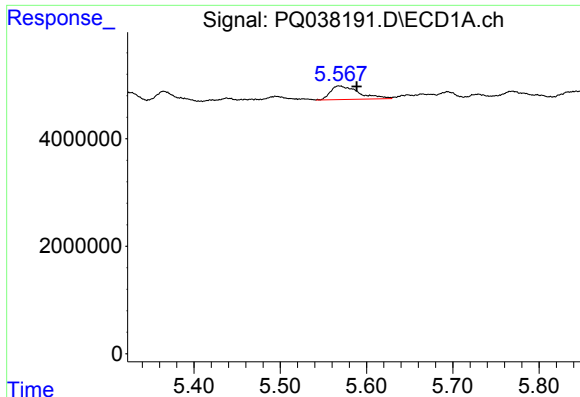
#14 AR-1232-4

R.T.: 5.495 min
Delta R.T.: -0.014 min
Response: 1814835
Conc: 31.16 ng/ml



#14 AR-1232-4

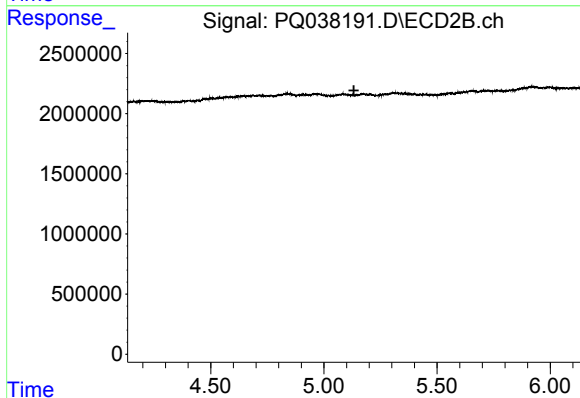
R.T.: 0.000 min
Exp R.T. : 4.962 min
Response: 0
Conc: N.D.



#15 AR-1232-5

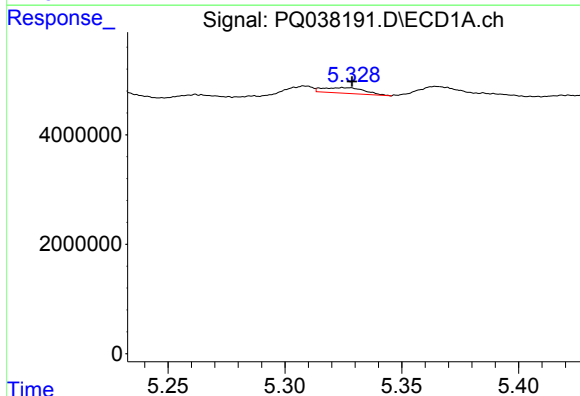
R.T.: 5.568 min
Delta R.T.: -0.020 min
Response: 5752891
Conc: 134.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



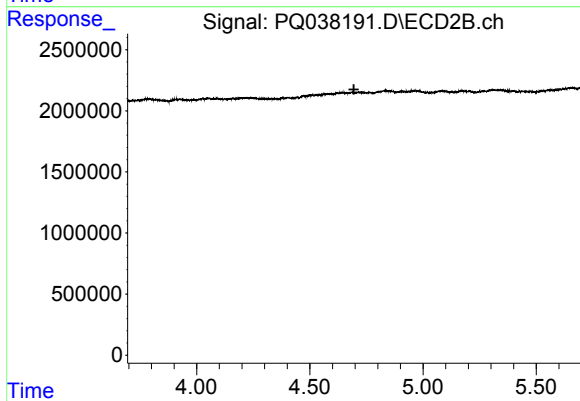
#15 AR-1232-5

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



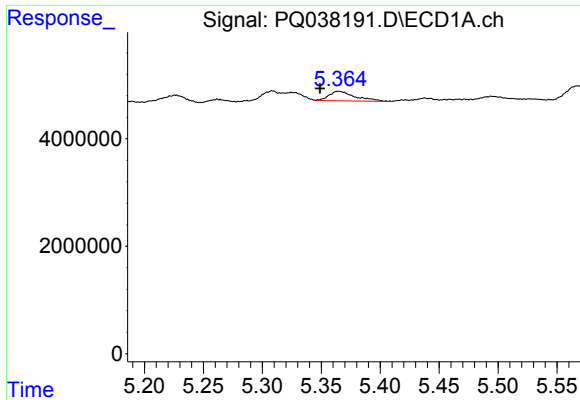
#16 AR-1242-1

R.T.: 5.325 min
Delta R.T.: -0.004 min
Response: 1270848
Conc: 7.73 ng/ml



#16 AR-1242-1

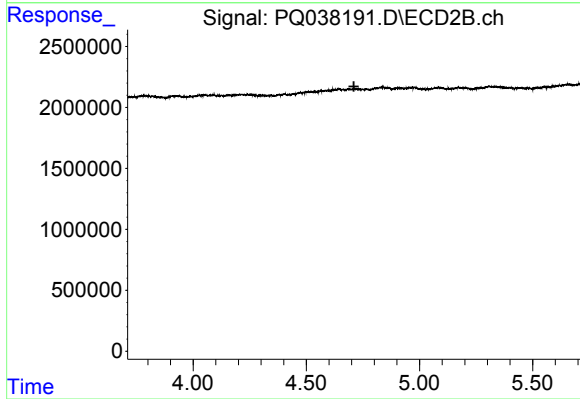
R.T.: 0.000 min
Exp R.T. : 4.694 min
Response: 0
Conc: N.D.



#17 AR-1242-2

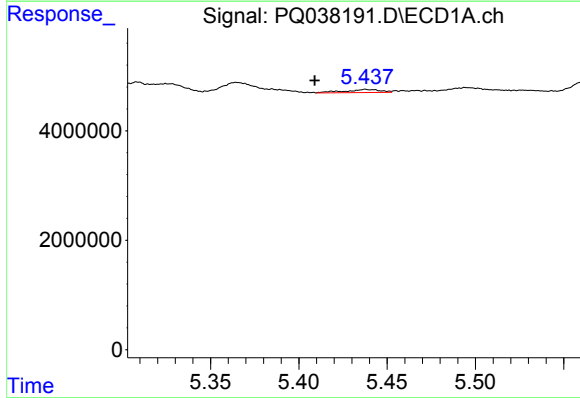
R.T.: 5.365 min
Delta R.T.: 0.016 min
Response: 2749028
Conc: 10.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



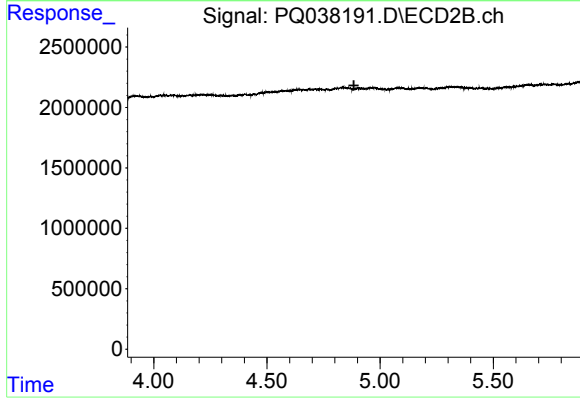
#17 AR-1242-2

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



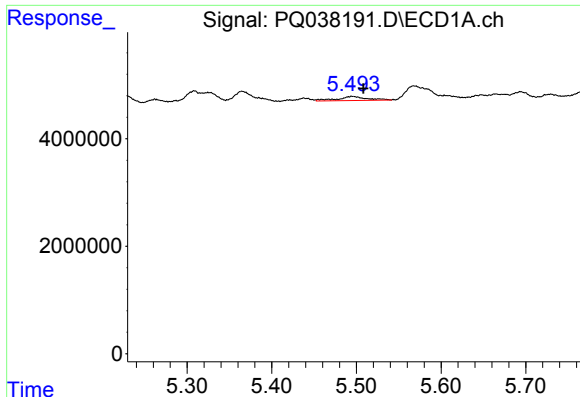
#18 AR-1242-3

R.T.: 5.438 min
Delta R.T.: 0.029 min
Response: 783791
Conc: 5.31 ng/ml



#18 AR-1242-3

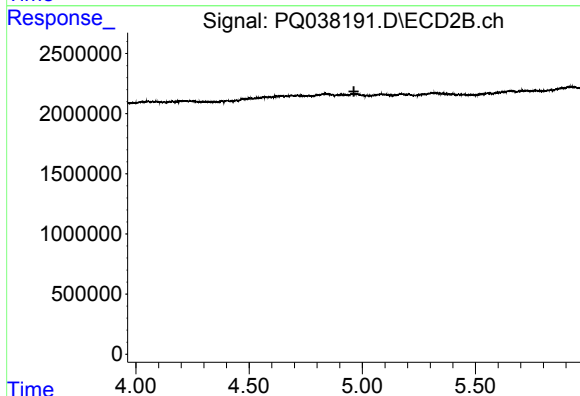
R.T.: 0.000 min
Exp R.T. : 4.884 min
Response: 0
Conc: N.D.



#19 AR-1242-4

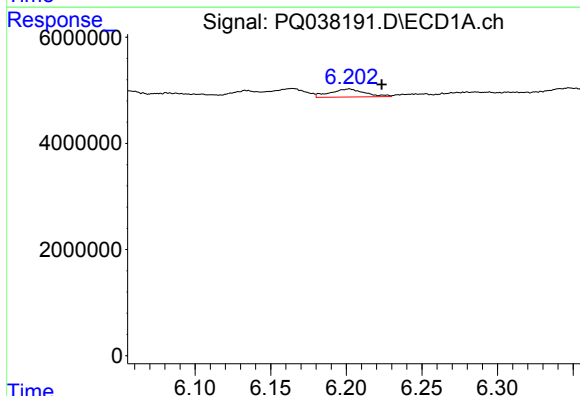
R.T.: 5.495 min
Delta R.T.: -0.013 min
Response: 1814835
Conc: 14.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



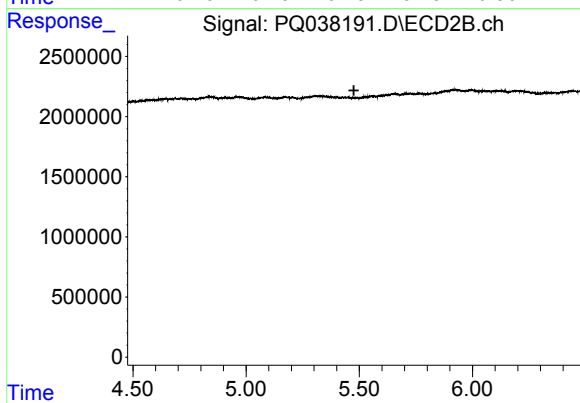
#19 AR-1242-4

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



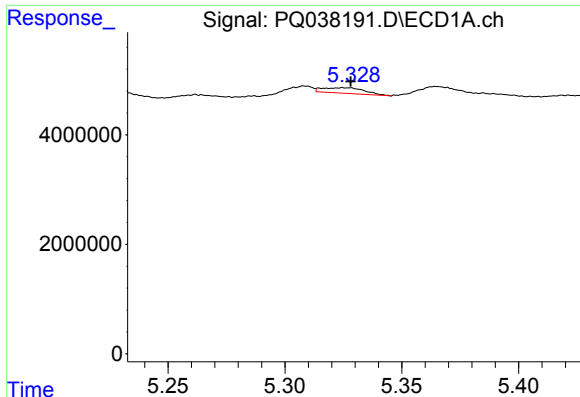
#20 AR-1242-5

R.T.: 6.202 min
Delta R.T.: -0.021 min
Response: 2406624
Conc: 17.61 ng/ml



#20 AR-1242-5

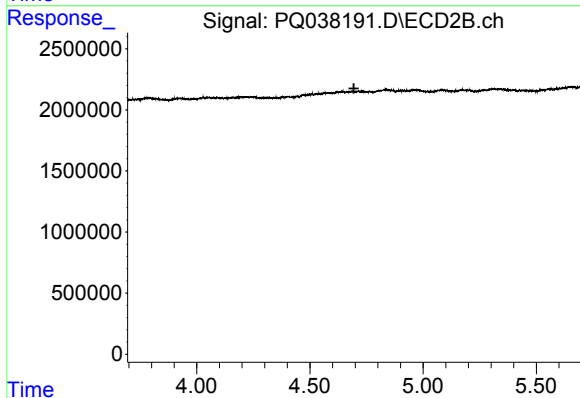
R.T.: 0.000 min
Exp R.T. : 5.476 min
Response: 0
Conc: N.D.



#21 AR-1248-1

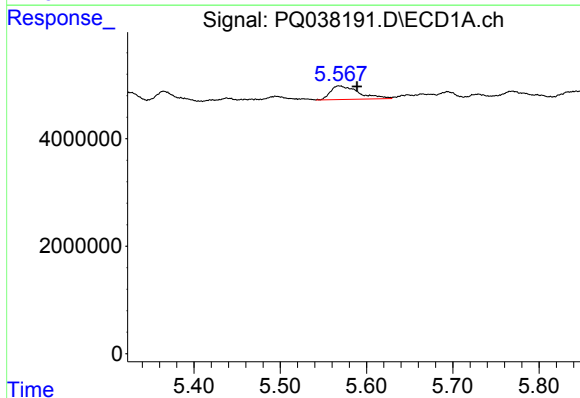
R.T.: 5.325 min
Delta R.T.: -0.003 min
Response: 1270848
Conc: 8.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



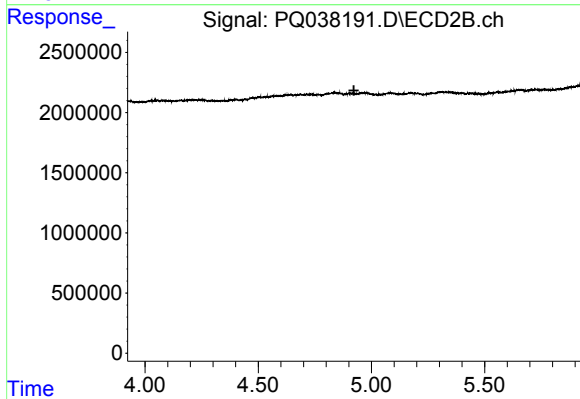
#21 AR-1248-1

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



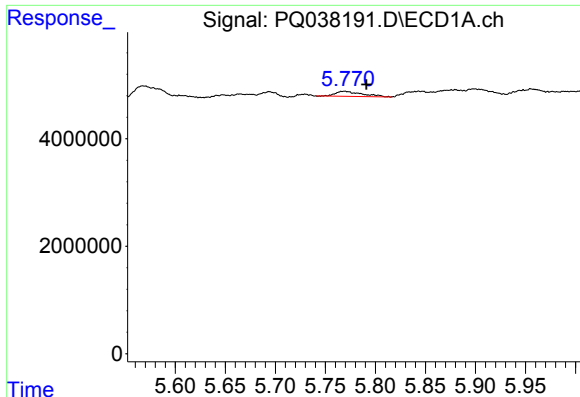
#22 AR-1248-2

R.T.: 5.568 min
Delta R.T.: -0.021 min
Response: 5752891
Conc: 26.28 ng/ml



#22 AR-1248-2

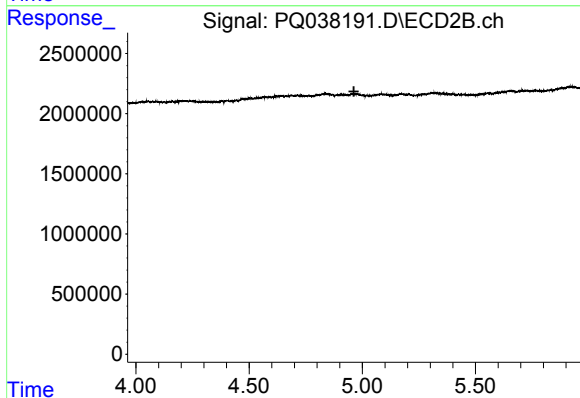
R.T.: 0.000 min
Exp R.T. : 4.923 min
Response: 0
Conc: N.D.



#23 AR-1248-3

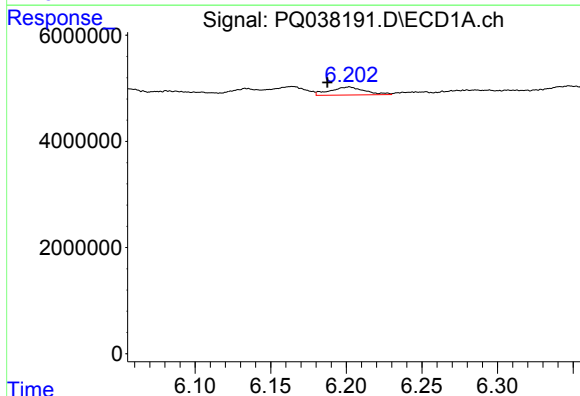
R.T.: 5.769 min
Delta R.T.: -0.022 min
Response: 1711709
Conc: 6.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



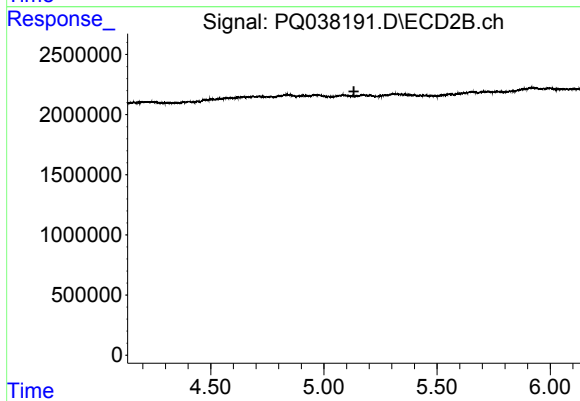
#23 AR-1248-3

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



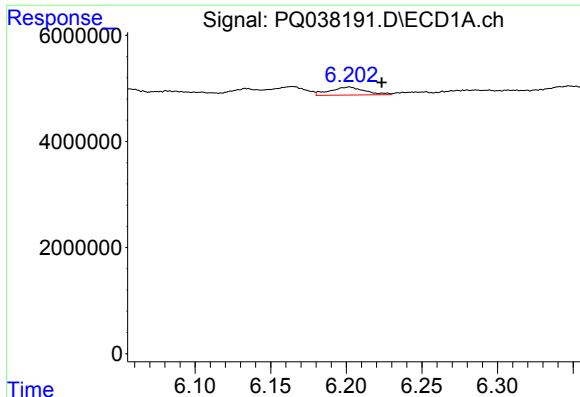
#24 AR-1248-4

R.T.: 6.202 min
Delta R.T.: 0.015 min
Response: 2406624
Conc: 8.60 ng/ml



#24 AR-1248-4

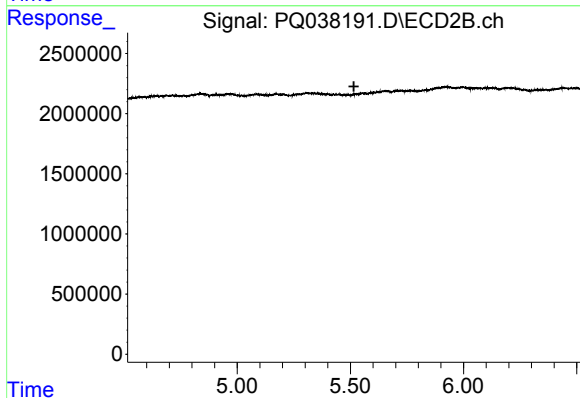
R.T.: 0.000 min
Exp R.T. : 5.133 min
Response: 0
Conc: N.D.



#25 AR-1248-5

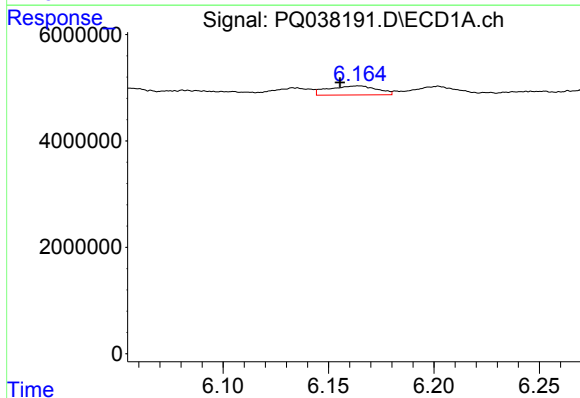
R.T.: 6.202 min
Delta R.T.: -0.021 min
Response: 2406624
Conc: 9.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



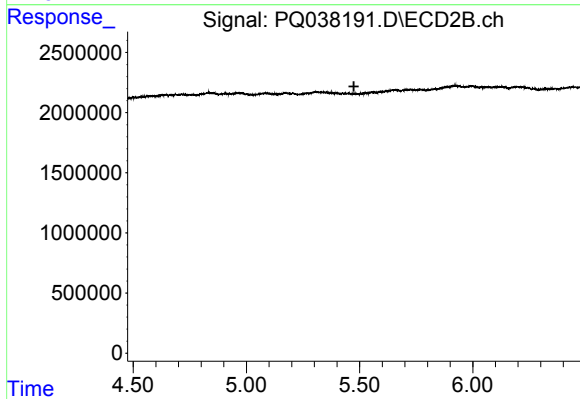
#25 AR-1248-5

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



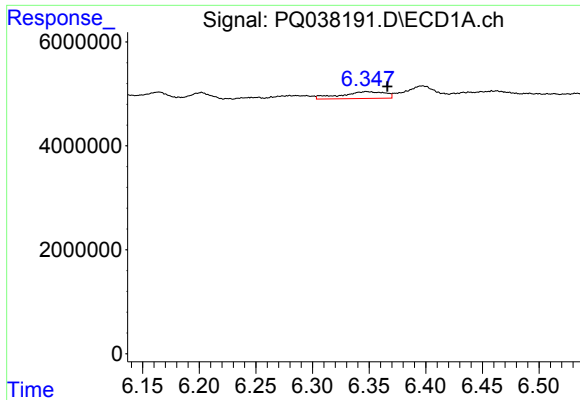
#26 AR-1254-1

R.T.: 6.164 min
Delta R.T.: 0.009 min
Response: 2732790
Conc: 13.91 ng/ml



#26 AR-1254-1

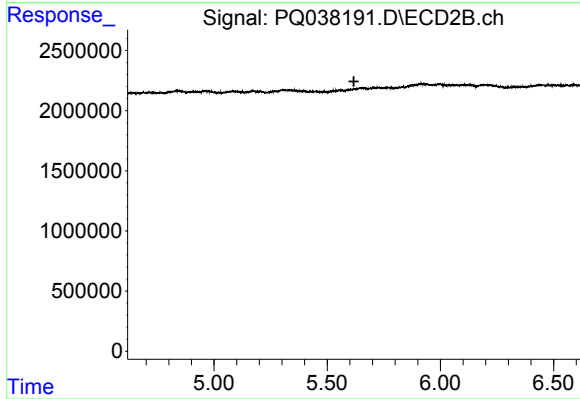
R.T.: 0.000 min
Exp R.T. : 5.475 min
Response: 0
Conc: N.D.



#27 AR-1254-2

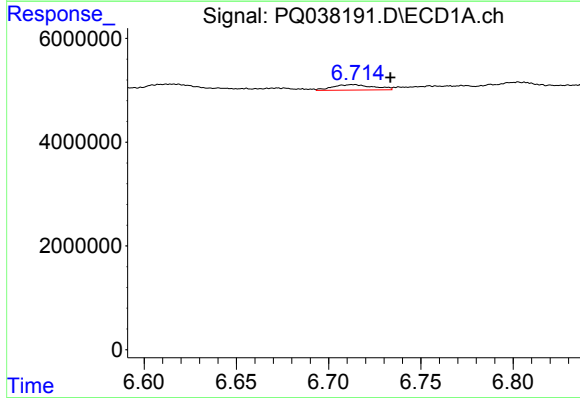
R.T.: 6.347 min
Delta R.T.: -0.019 min
Response: 3599710
Conc: 11.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



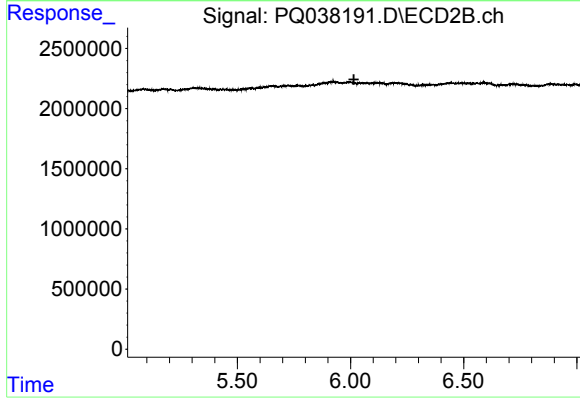
#27 AR-1254-2

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



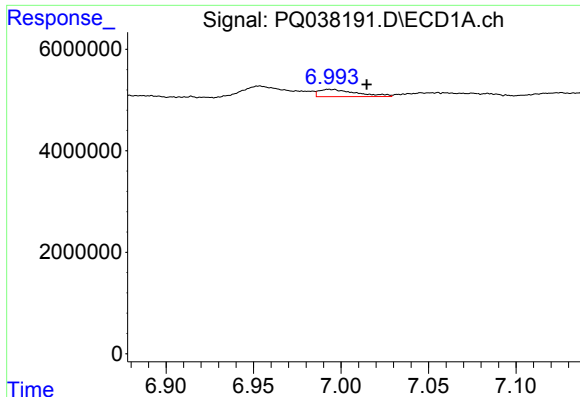
#28 AR-1254-3

R.T.: 6.713 min
Delta R.T.: -0.020 min
Response: 1633832
Conc: 5.25 ng/ml



#28 AR-1254-3

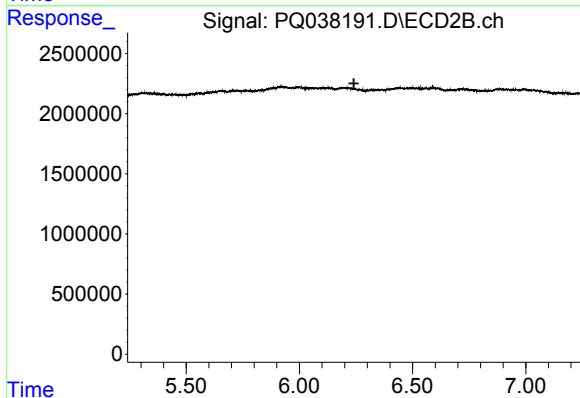
R.T.: 0.000 min
Exp R.T. : 6.015 min
Response: 0
Conc: N.D.



#29 AR-1254-4

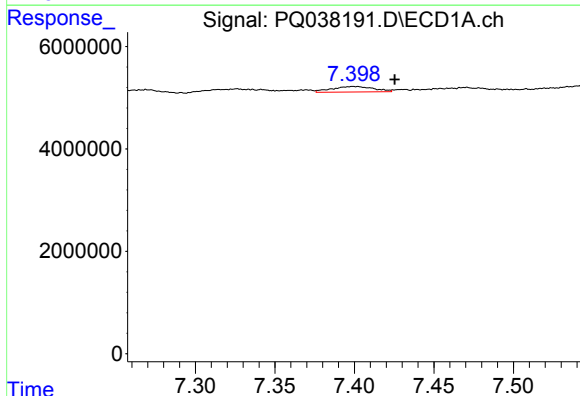
R.T.: 6.993 min
Delta R.T.: -0.021 min
Response: 2136361
Conc: 8.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



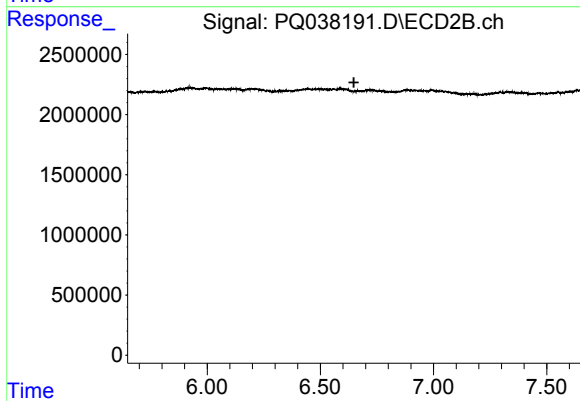
#29 AR-1254-4

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



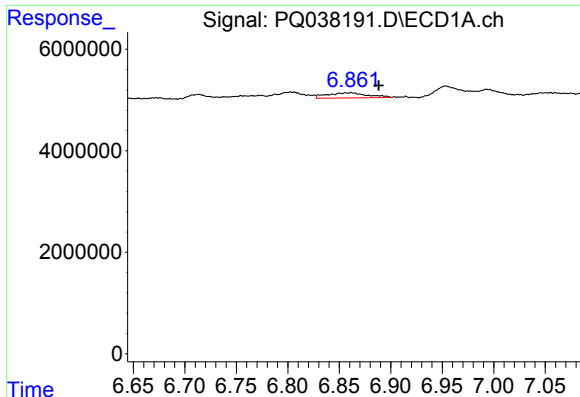
#30 AR-1254-5

R.T.: 7.400 min
Delta R.T.: -0.026 min
Response: 1973157
Conc: 6.69 ng/ml



#30 AR-1254-5

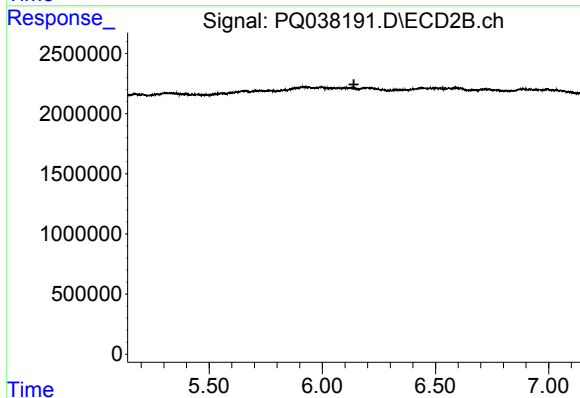
R.T.: 0.000 min
Exp R.T. : 6.648 min
Response: 0
Conc: N.D.



#31 AR-1260-1

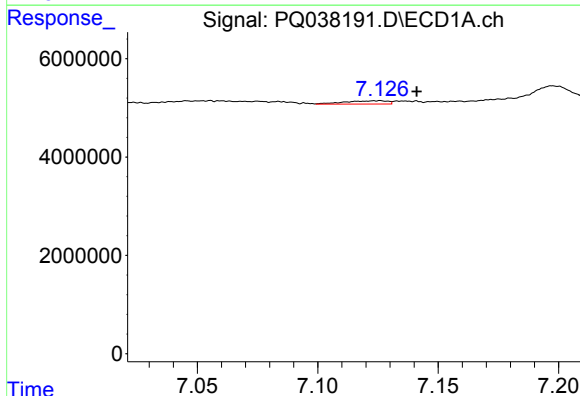
R.T.: 6.862 min
Delta R.T.: -0.027 min
Response: 2775492
Conc: 10.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



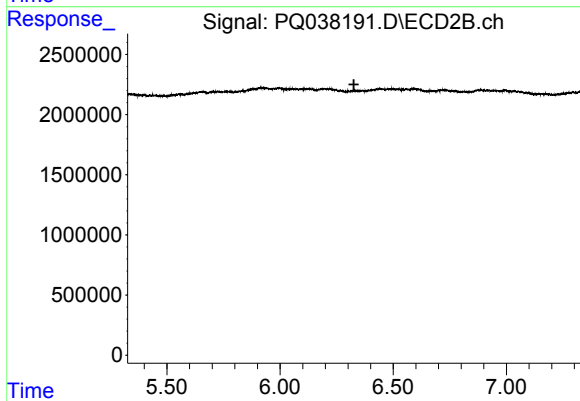
#31 AR-1260-1

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



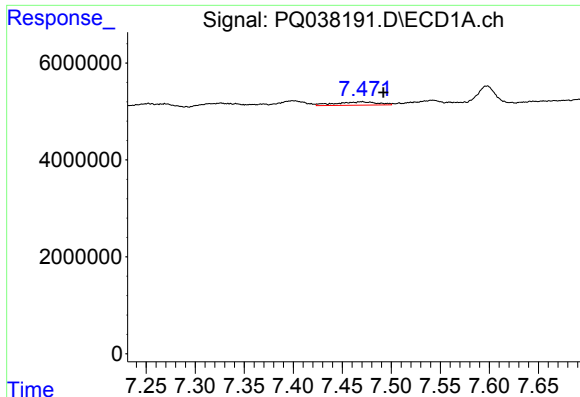
#32 AR-1260-2

R.T.: 7.125 min
Delta R.T.: -0.016 min
Response: 837015
Conc: 2.43 ng/ml



#32 AR-1260-2

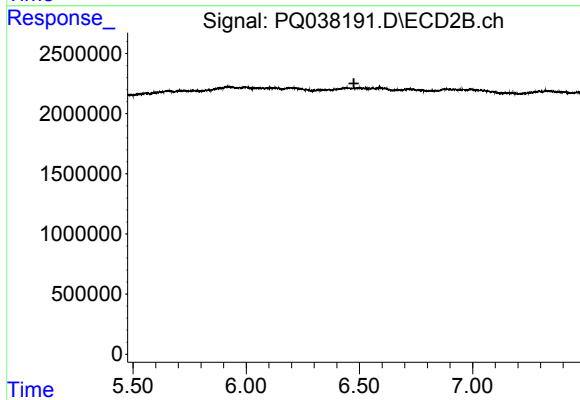
R.T.: 0.000 min
Exp R.T. : 6.326 min
Response: 0
Conc: N.D.



#33 AR-1260-3

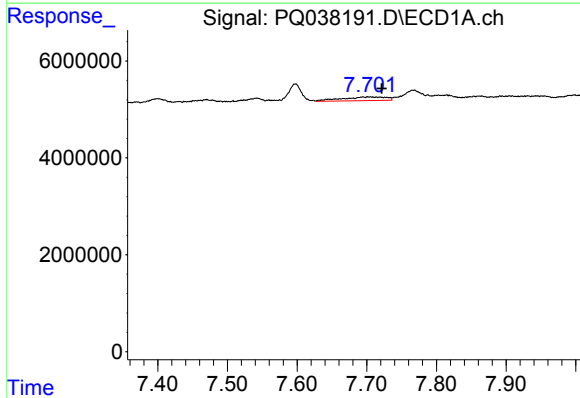
R.T.: 7.470 min
Delta R.T.: -0.022 min
Response: 2096188
Conc: 7.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



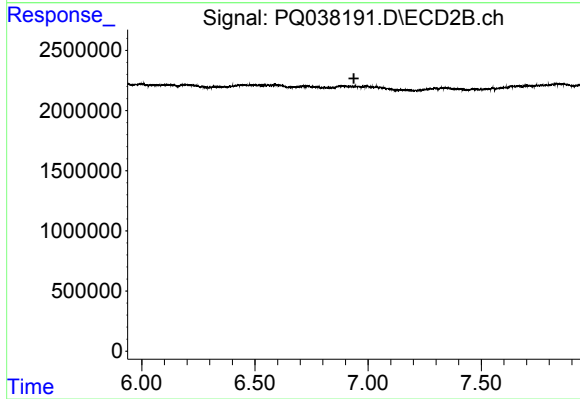
#33 AR-1260-3

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



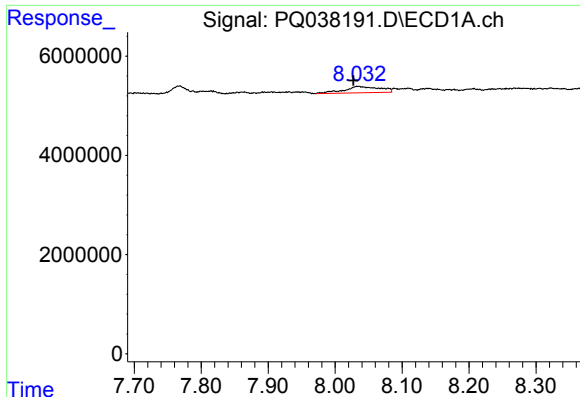
#34 AR-1260-4

R.T.: 7.702 min
Delta R.T.: -0.020 min
Response: 3414476
Conc: 12.68 ng/ml



#34 AR-1260-4

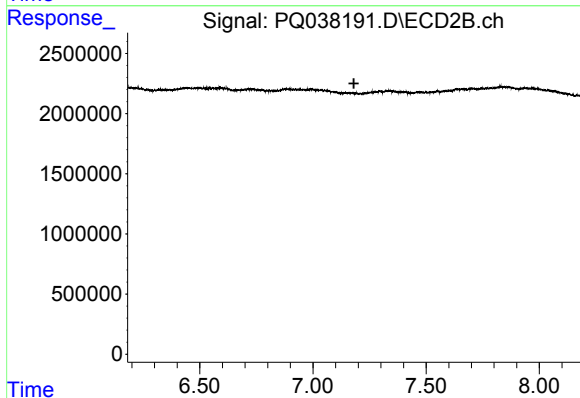
R.T.: 0.000 min
Exp R.T. : 6.937 min
Response: 0
Conc: N.D.



#35 AR-1260-5

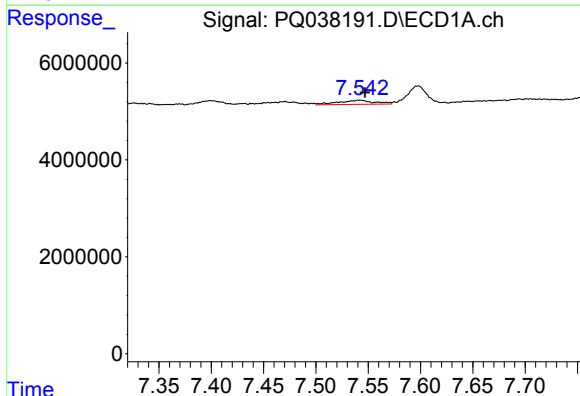
R.T.: 8.035 min
Delta R.T.: 0.008 min
Response: 4727152
Conc: 7.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



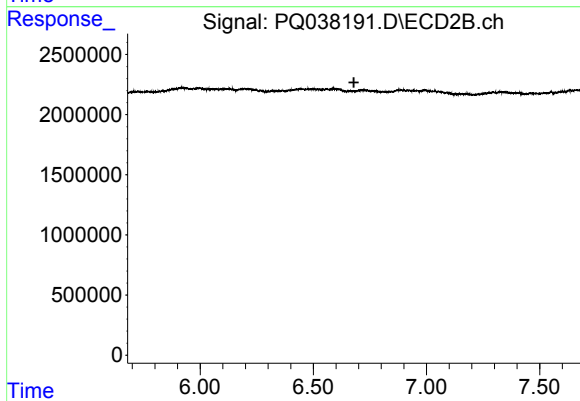
#35 AR-1260-5

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



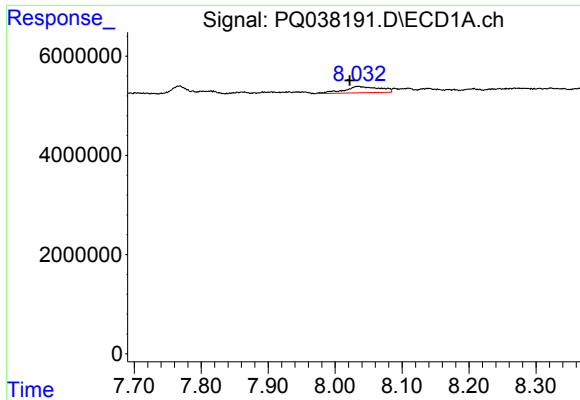
#36 AR-1262-1

R.T.: 7.542 min
Delta R.T.: -0.005 min
Response: 2064349
Conc: 13.37 ng/ml



#36 AR-1262-1

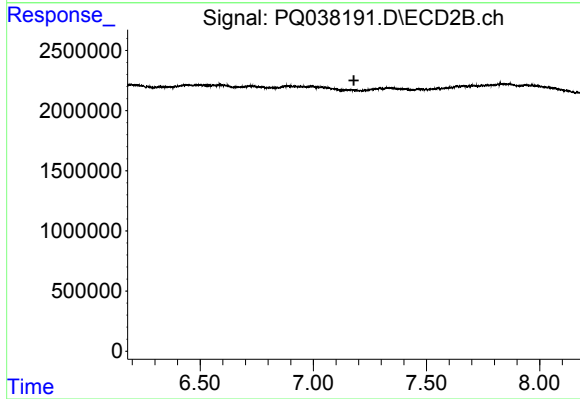
R.T.: 0.000 min
Exp R.T. : 6.679 min
Response: 0
Conc: N.D.



#37 AR-1262-2

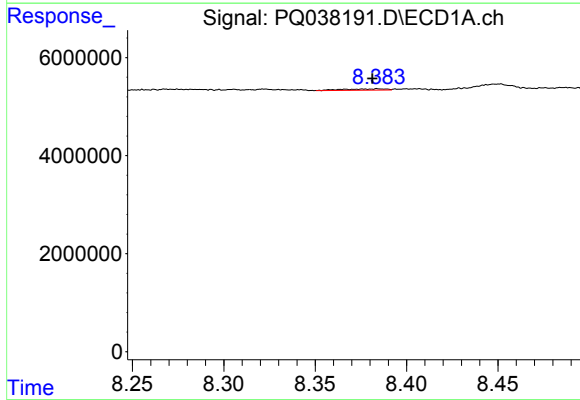
R.T.: 8.035 min
Delta R.T.: 0.013 min
Response: 4727152
Conc: 6.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



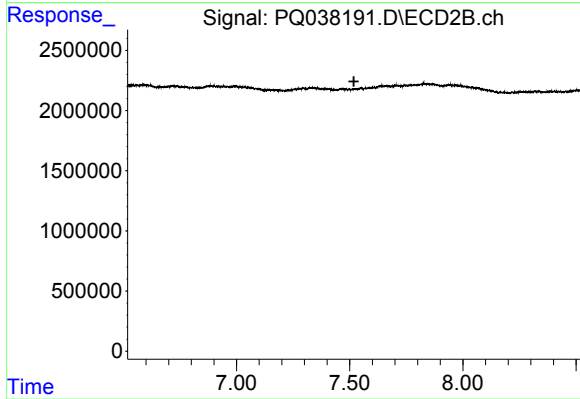
#37 AR-1262-2

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



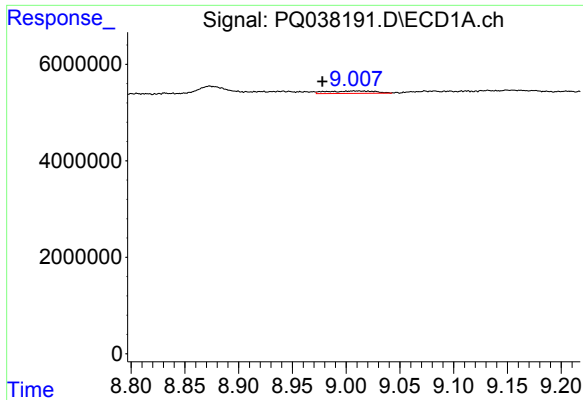
#39 AR-1262-4

R.T.: 8.384 min
Delta R.T.: 0.003 min
Response: 445838
Conc: 1.29 ng/ml



#39 AR-1262-4

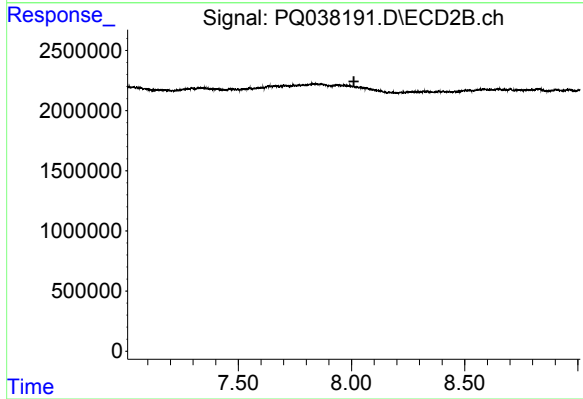
R.T.: 0.000 min
Exp R.T. : 7.519 min
Response: 0
Conc: N.D.



#40 AR-1262-5

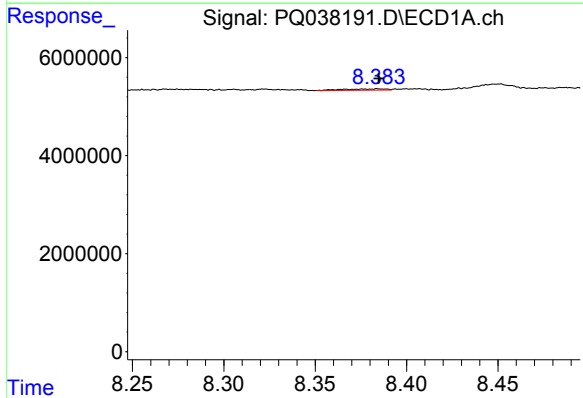
R.T.: 9.007 min
Delta R.T.: 0.029 min
Response: 1558372
Conc: 6.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



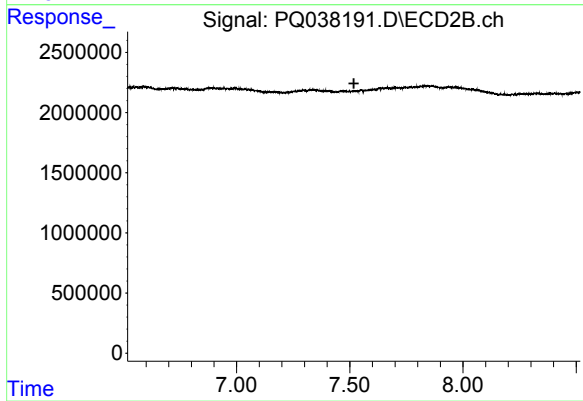
#40 AR-1262-5

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



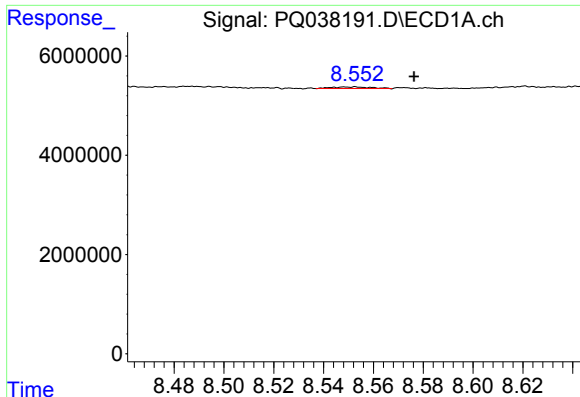
#42 AR-1268-2

R.T.: 8.384 min
Delta R.T.: 0.000 min
Response: 445838
Conc: 0.60 ng/ml



#42 AR-1268-2

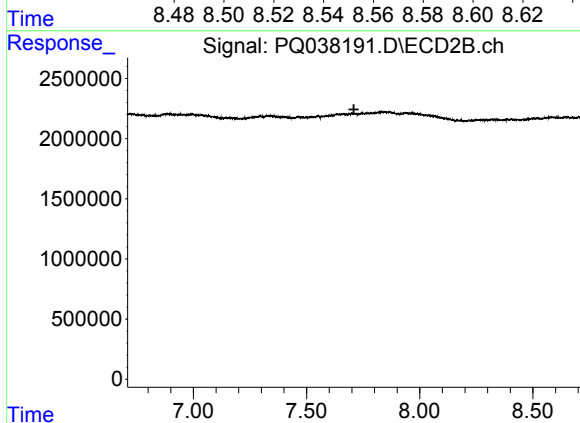
R.T.: 0.000 min
Exp R.T. : 7.518 min
Response: 0
Conc: N.D.



#43 AR-1268-3

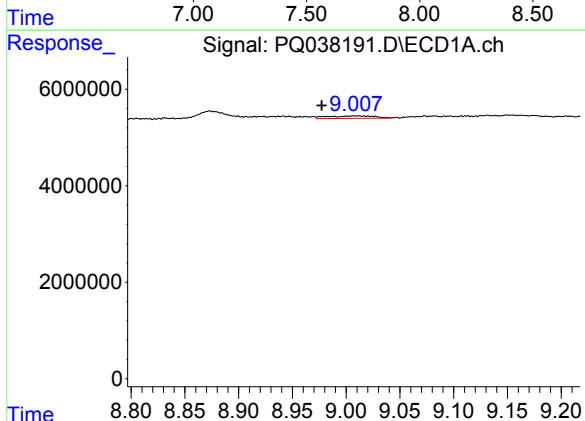
R.T.: 8.552 min
Delta R.T.: -0.024 min
Response: 364353
Conc: 0.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



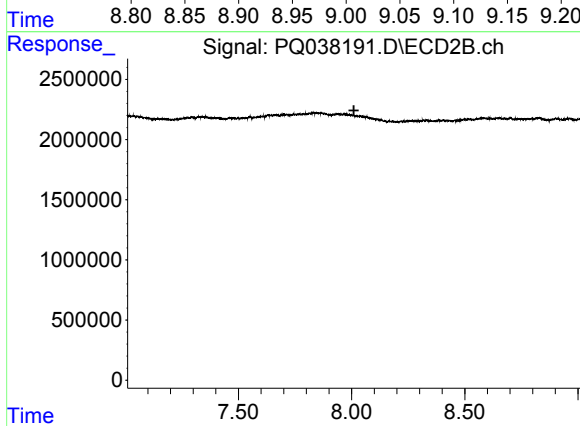
#43 AR-1268-3

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



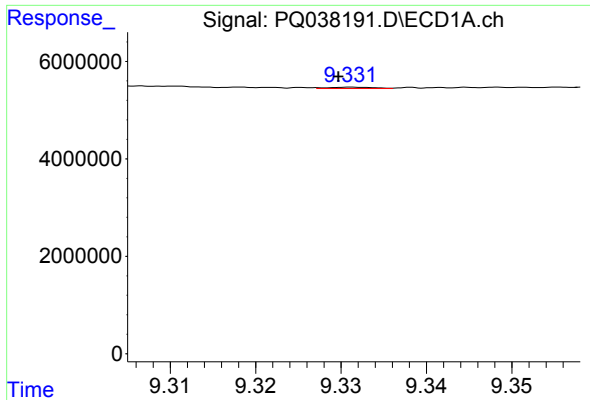
#44 AR-1268-4

R.T.: 9.007 min
Delta R.T.: 0.030 min
Response: 1558372
Conc: 6.02 ng/ml



#44 AR-1268-4

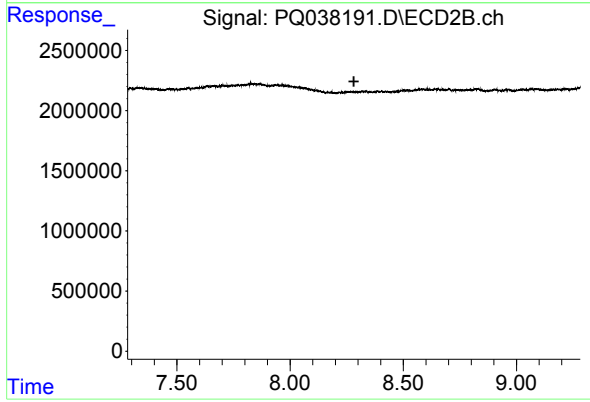
R.T.: 0.000 min
Exp R.T. : 8.010 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.332 min
Delta R.T.: 0.002 min
Response: 99083
Conc: 0.05 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.