

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032319\
 Data File : PQ038190.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Mar 2019 08:01
 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 03:13:43 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...	4.170	0.000	108.8E6	0	18.695	N.D. #
Target Compounds							
3)	L1 AR-1016-1	5.327	0.000	1754989	0	8.720	N.D. #
4)	L1 AR-1016-2	5.366	0.000	4185200	0	13.336	N.D. #
5)	L1 AR-1016-3	5.419	0.000	264305	0	1.451	N.D. #
6)	L1 AR-1016-4	5.490	0.000	2218591	0	14.831	N.D. #
7)	L1 AR-1016-5	5.800	0.000	728525	0	5.018	N.D. #
8)	L2 AR-1221-1	4.394	0.000	5149842	0	81.163	N.D. #
9)	L2 AR-1221-2	4.469	0.000	16207194	0	350.352	N.D. #
10)	L2 AR-1221-3	4.568	0.000	20244895	0	132.459	N.D. #
11)	L3 AR-1232-1	4.568	0.000	20244895	0	162.670	N.D. #
12)	L3 AR-1232-2	5.054	0.000	13413159	0	227.785	N.D. #
13)	L3 AR-1232-3	5.366	0.000	4185200	0	33.888	N.D. #
14)	L3 AR-1232-4	5.490	0.000	2218591	0	38.092	N.D. #
15)	L3 AR-1232-5	5.607	0.000	1335405	0	31.238	N.D. #
16)	L4 AR-1242-1	5.327	0.000	1754989	0	10.680	N.D. #
17)	L4 AR-1242-2	5.366	0.000	4185200	0	16.402	N.D. #
18)	L4 AR-1242-3	5.419	0.000	264305	0	1.792	N.D. #
19)	L4 AR-1242-4	5.490	0.000	2218591	0	18.125	N.D. #
20)	L4 AR-1242-5	6.201	0.000	4167626	0	30.502	N.D. #
21)	L5 AR-1248-1	5.327	0.000	1754989	0	11.081	N.D. #
22)	L5 AR-1248-2	5.607	0.000	1335405	0	6.101	N.D. #
23)	L5 AR-1248-3	5.800	0.000	728525	0	2.965	N.D. #
24)	L5 AR-1248-4	6.201	0.000	4167626	0	14.900	N.D. #
25)	L5 AR-1248-5	6.201	0.000	4167626	0	15.721	N.D. #
26)	L6 AR-1254-1	6.166	0.000	2139788	0	10.892	N.D. #
27)	L6 AR-1254-2	6.358	0.000	4237000	0	13.824	N.D. #
28)	L6 AR-1254-3	6.745	0.000	1264129	0	4.059	N.D. #
29)	L6 AR-1254-4	7.021	0.000	1017585	0	4.009	N.D. #
30)	L6 AR-1254-5	7.436	0.000	1861772	0	6.310	N.D. #
31)	L7 AR-1260-1	6.908	0.000	275241	0	1.063	N.D. #
32)	L7 AR-1260-2	7.128	0.000	1645378	0	4.773	N.D. #
33)	L7 AR-1260-3	7.460	0.000	2367302	0	8.347	N.D. #
34)	L7 AR-1260-4	7.723	0.000	807251	0	2.999	N.D. #
35)	L7 AR-1260-5	8.034	0.000	3742825	0	5.941	N.D. #
36)	L8 AR-1262-1	7.543	0.000	2608061	0	16.887	N.D. #
37)	L8 AR-1262-2	8.034	0.000	3742825	0	5.336	N.D. #
39)	L8 AR-1262-4	8.369	0.000	568288	0	1.639	N.D. #
40)	L8 AR-1262-5	8.953	0.000	68054	0	0.285	N.D. #
42)	L9 AR-1268-2	8.369	0.000	568288	0	0.761	N.D. #
43)	L9 AR-1268-3	8.582	0.000	423324	0	0.646	N.D. #
44)	L9 AR-1268-4	8.953	0.000	68054	0	0.263	N.D. #

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	9.332	0.000	347221	0	0.178	N.D. #

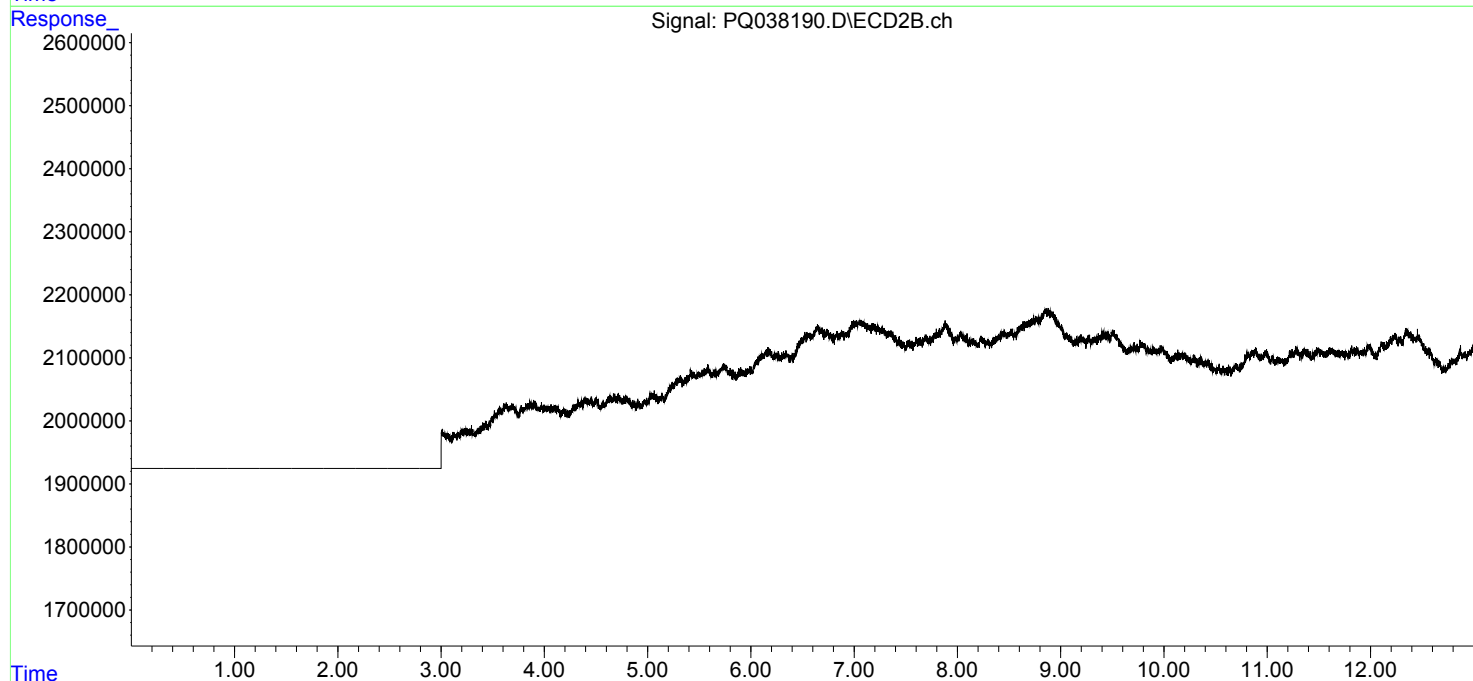
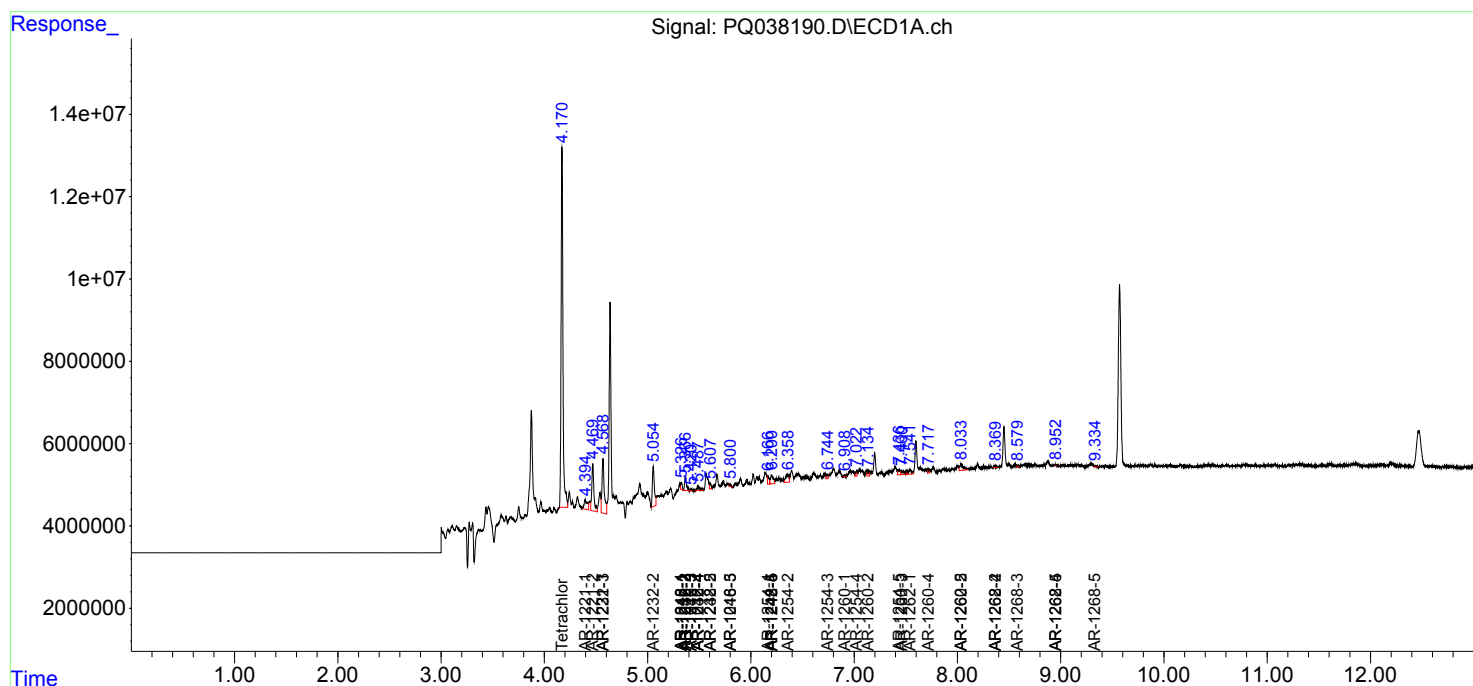
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

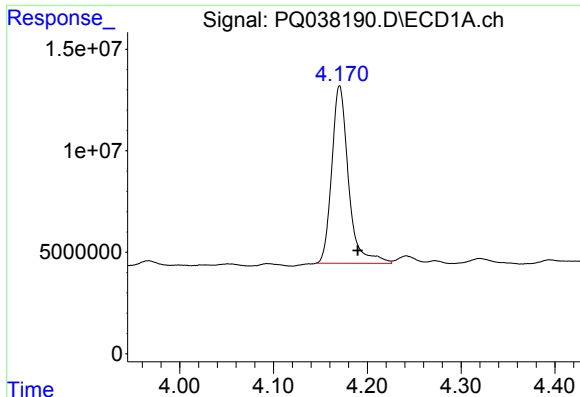
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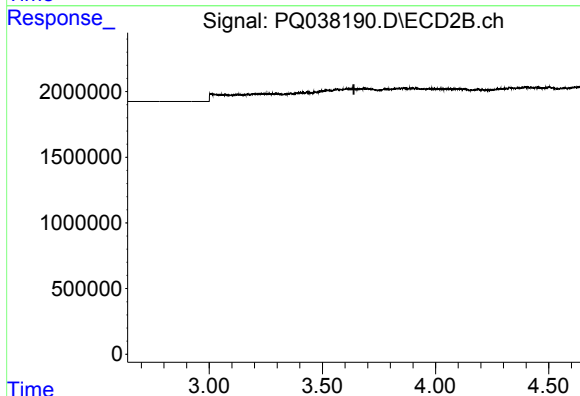




#1 Tetrachloro-m-xylene

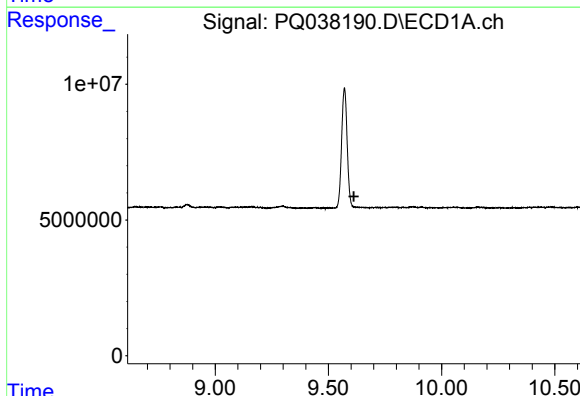
R.T.: 4.170 min
Delta R.T.: -0.020 min
Response: 108777722
Conc: 18.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



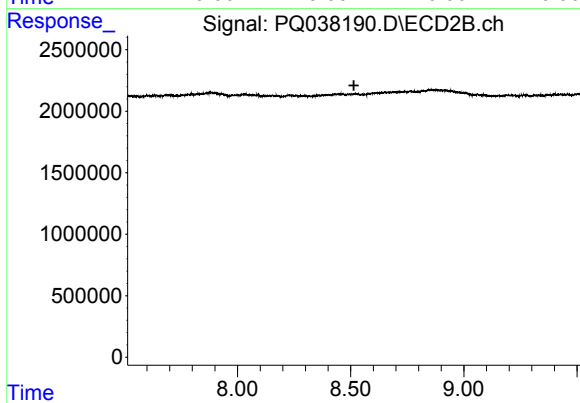
#1 Tetrachloro-m-xylene

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



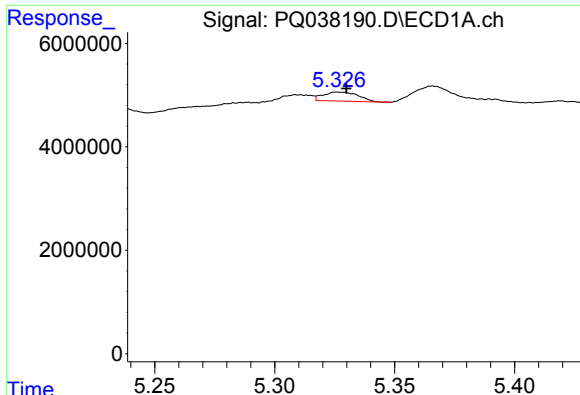
#2 Decachlorobiphenyl

R.T.: 9.571 min
Delta R.T.: -0.042 min
Response: -10132220
Conc: N.D.



#2 Decachlorobiphenyl

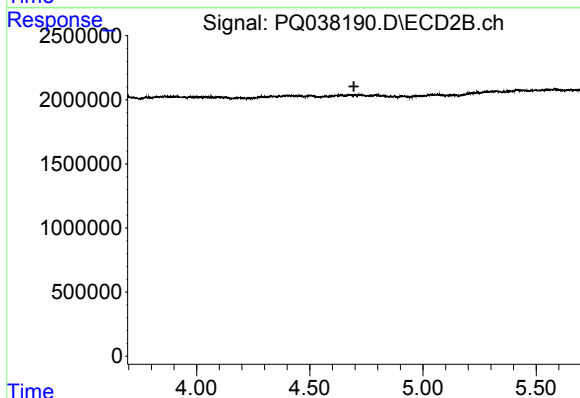
R.T.: 0.000 min
Exp R.T. : 8.514 min
Response: 0
Conc: N.D.



#3 AR-1016-1

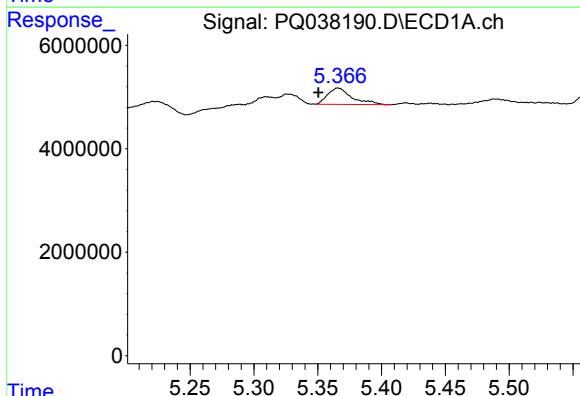
R.T.: 5.327 min
Delta R.T.: -0.003 min
Response: 1754989
Conc: 8.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



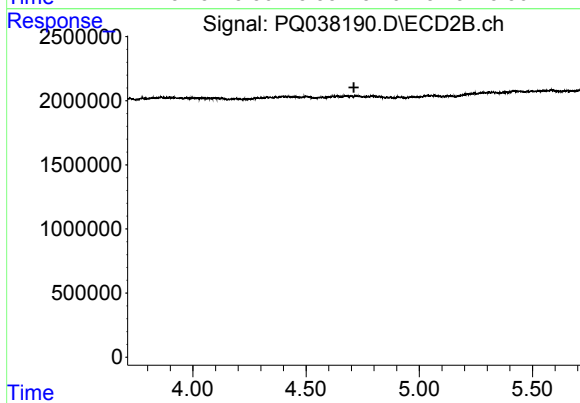
#3 AR-1016-1

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



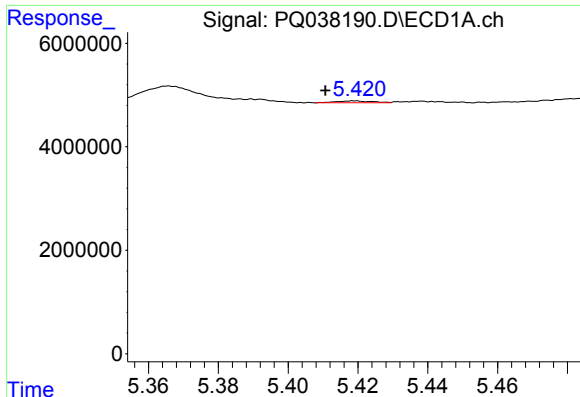
#4 AR-1016-2

R.T.: 5.366 min
Delta R.T.: 0.016 min
Response: 4185200
Conc: 13.34 ng/ml



#4 AR-1016-2

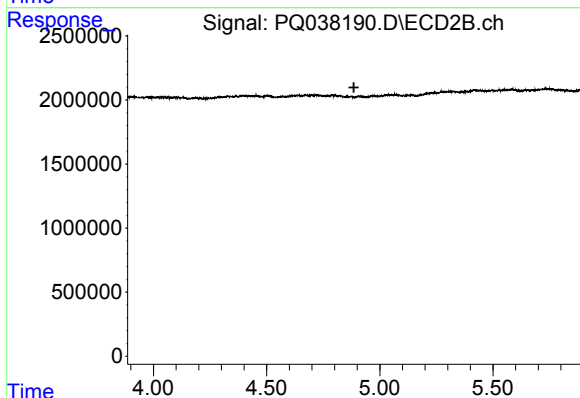
R.T.: 0.000 min
Exp R.T. : 4.711 min
Response: 0
Conc: N.D.



#5 AR-1016-3

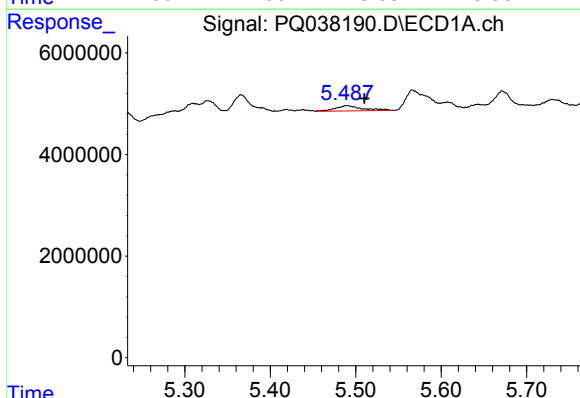
R.T.: 5.419 min
Delta R.T.: 0.008 min
Response: 264305
Conc: 1.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



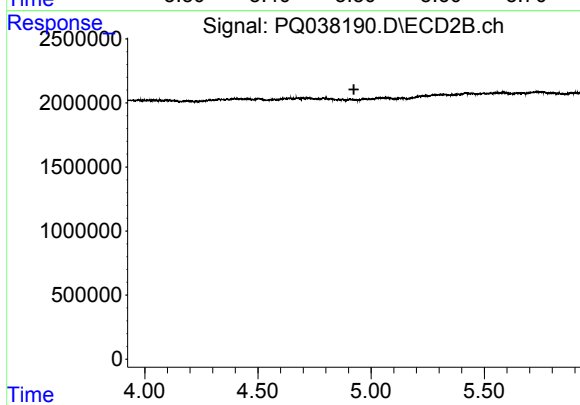
#5 AR-1016-3

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



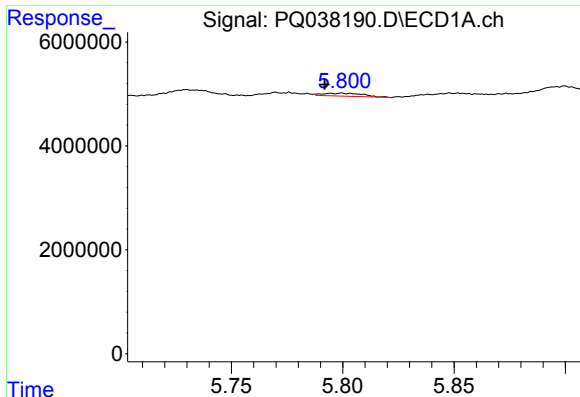
#6 AR-1016-4

R.T.: 5.490 min
Delta R.T.: -0.021 min
Response: 2218591
Conc: 14.83 ng/ml



#6 AR-1016-4

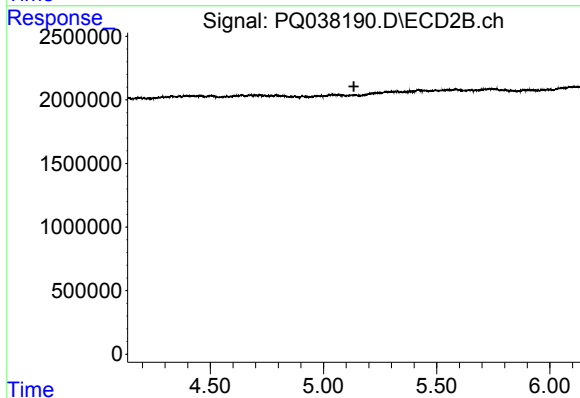
R.T.: 0.000 min
Exp R.T. : 4.924 min
Response: 0
Conc: N.D.



#7 AR-1016-5

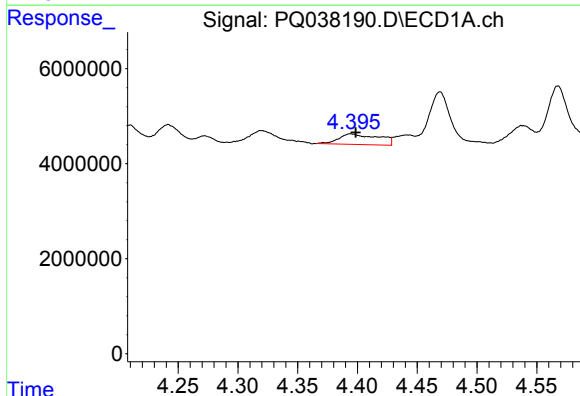
R.T.: 5.800 min
Delta R.T.: 0.008 min
Response: 728525
Conc: 5.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



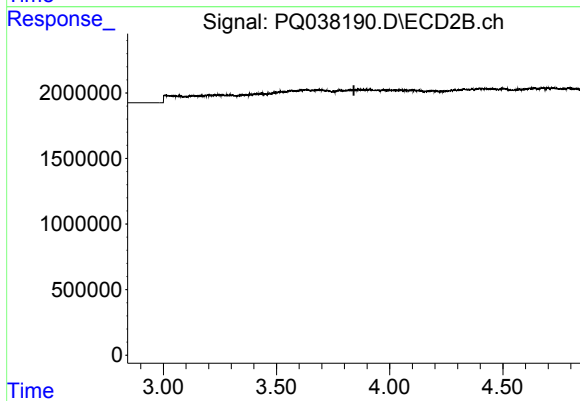
#7 AR-1016-5

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



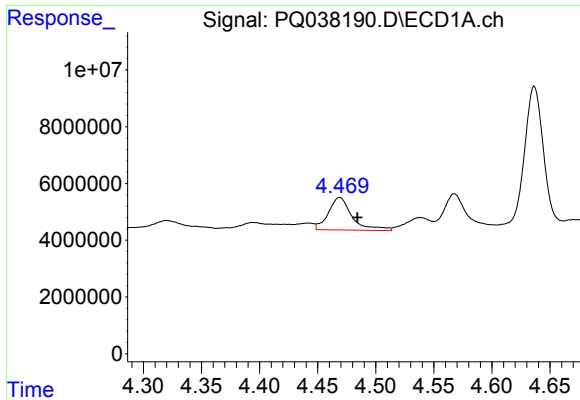
#8 AR-1221-1

R.T.: 4.394 min
Delta R.T.: -0.004 min
Response: 5149842
Conc: 81.16 ng/ml



#8 AR-1221-1

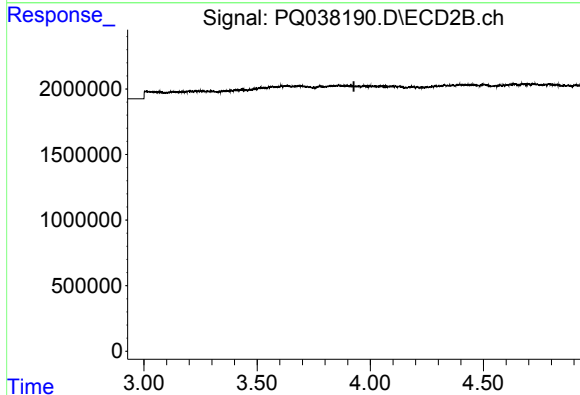
R.T.: 0.000 min
Exp R.T. : 3.842 min
Response: 0
Conc: N.D.



#9 AR-1221-2

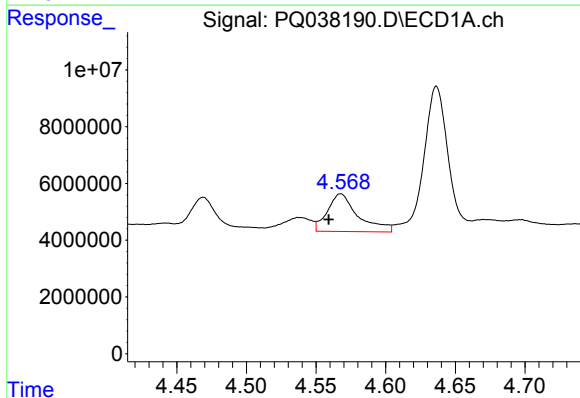
R.T.: 4.469 min
Delta R.T.: -0.015 min
Response: 16207194
Conc: 350.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



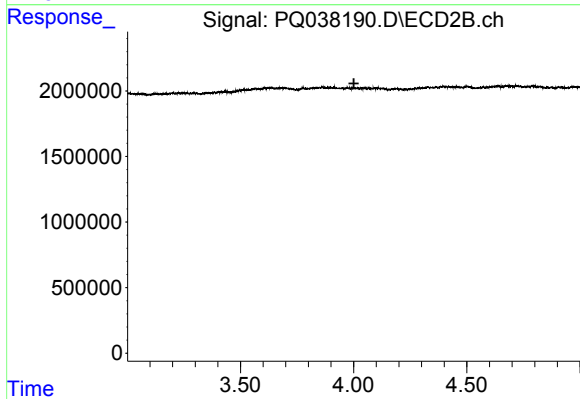
#9 AR-1221-2

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



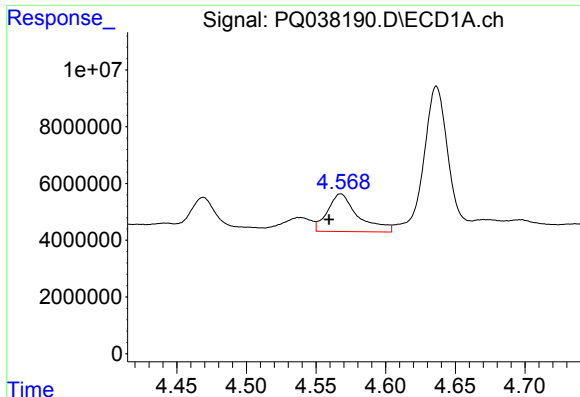
#10 AR-1221-3

R.T.: 4.568 min
Delta R.T.: 0.009 min
Response: 20244895
Conc: 132.46 ng/ml



#10 AR-1221-3

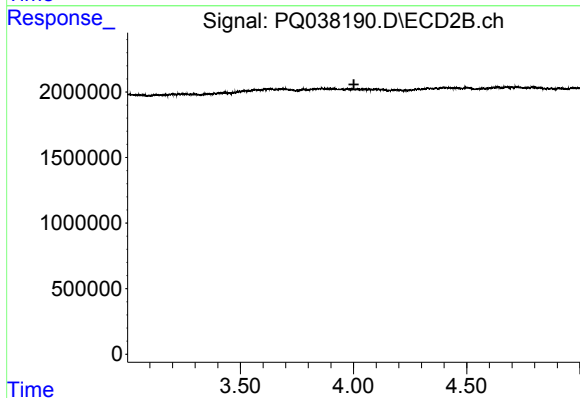
R.T.: 0.000 min
Exp R.T. : 4.001 min
Response: 0
Conc: N.D.



#11 AR-1232-1

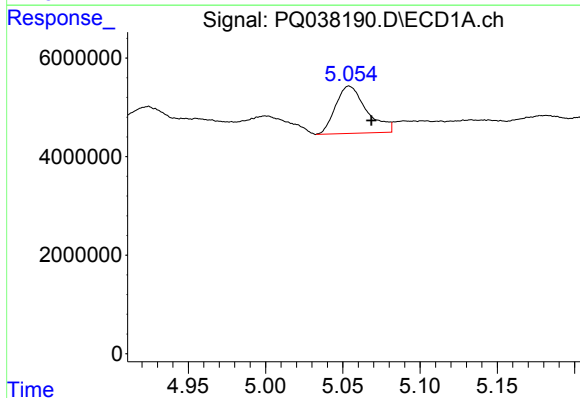
R.T.: 4.568 min
Delta R.T.: 0.008 min
Response: 20244895
Conc: 162.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



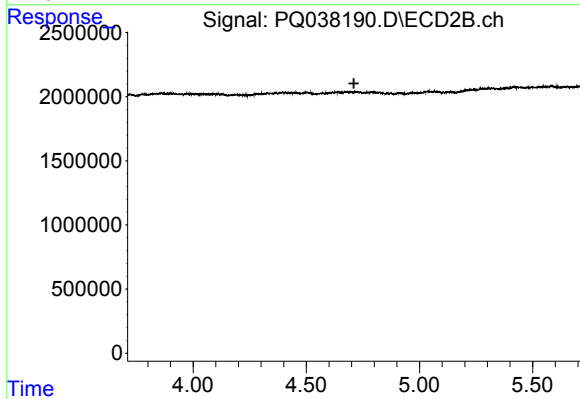
#11 AR-1232-1

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



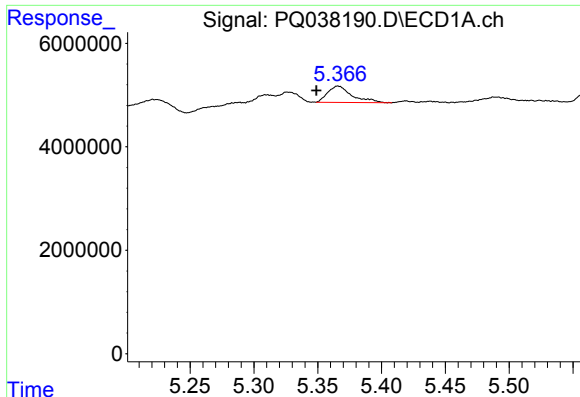
#12 AR-1232-2

R.T.: 5.054 min
Delta R.T.: -0.014 min
Response: 13413159
Conc: 227.79 ng/ml



#12 AR-1232-2

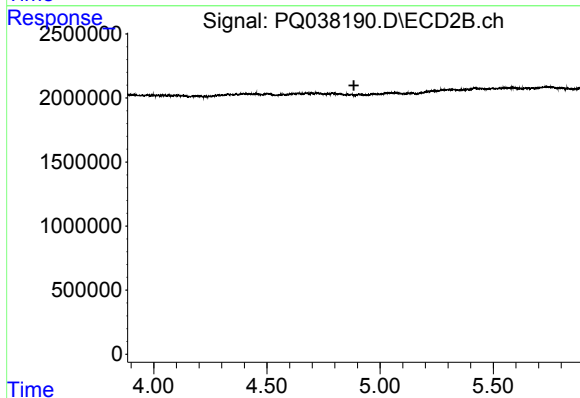
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



#13 AR-1232-3

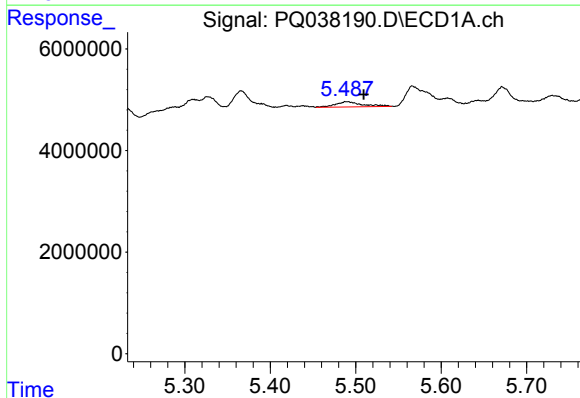
R.T.: 5.366 min
Delta R.T.: 0.017 min
Response: 4185200
Conc: 33.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



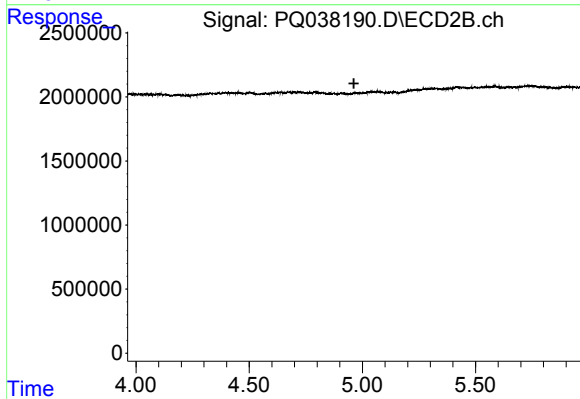
#13 AR-1232-3

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



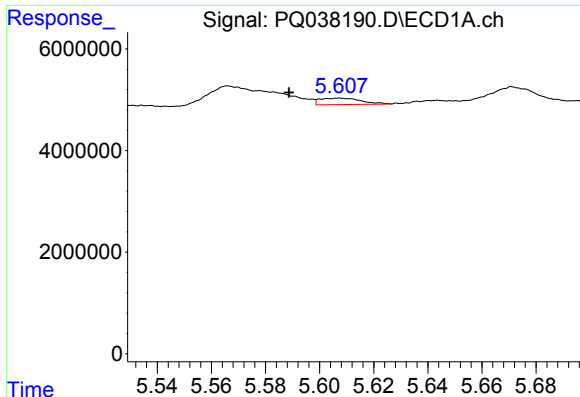
#14 AR-1232-4

R.T.: 5.490 min
Delta R.T.: -0.020 min
Response: 2218591
Conc: 38.09 ng/ml



#14 AR-1232-4

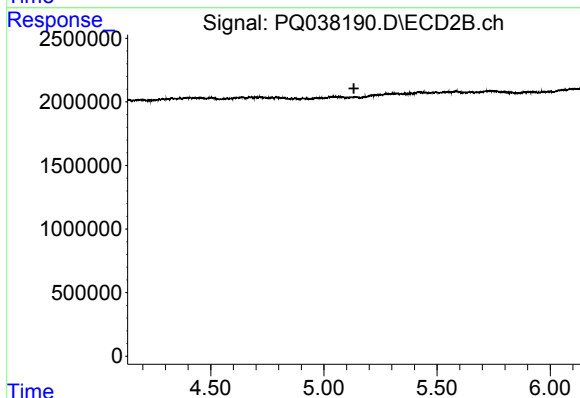
R.T.: 0.000 min
Exp R.T. : 4.962 min
Response: 0
Conc: N.D.



#15 AR-1232-5

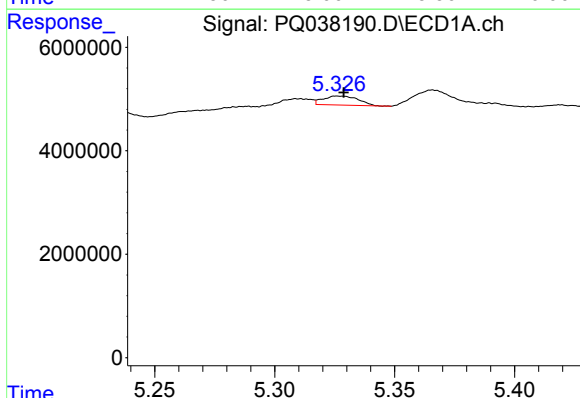
R.T.: 5.607 min
Delta R.T.: 0.019 min
Response: 1335405
Conc: 31.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



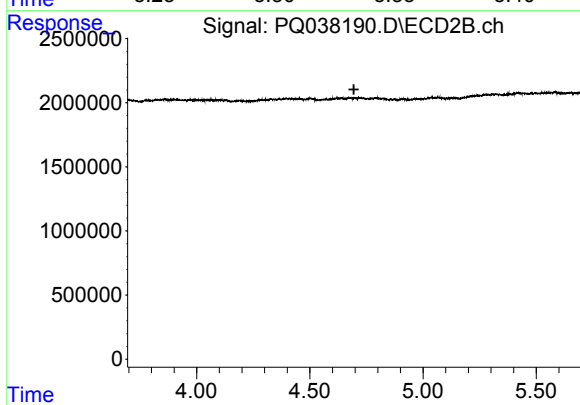
#15 AR-1232-5

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



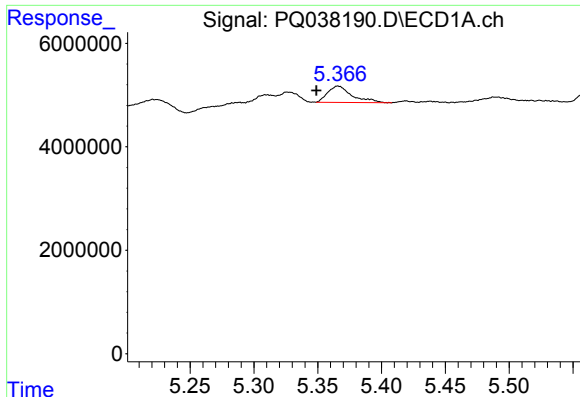
#16 AR-1242-1

R.T.: 5.327 min
Delta R.T.: -0.002 min
Response: 1754989
Conc: 10.68 ng/ml



#16 AR-1242-1

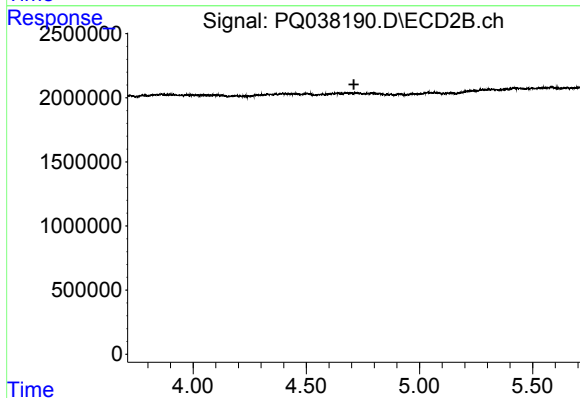
R.T.: 0.000 min
Exp R.T. : 4.694 min
Response: 0
Conc: N.D.



#17 AR-1242-2

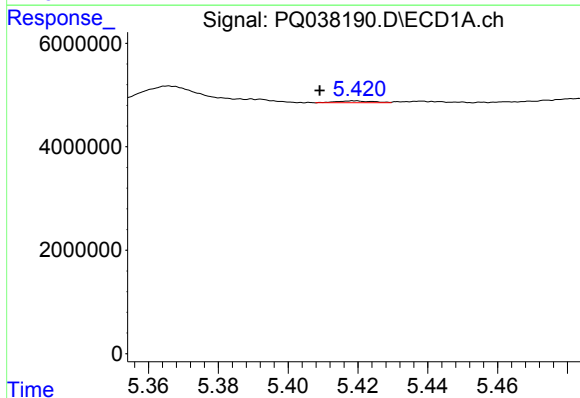
R.T.: 5.366 min
Delta R.T.: 0.017 min
Response: 4185200
Conc: 16.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



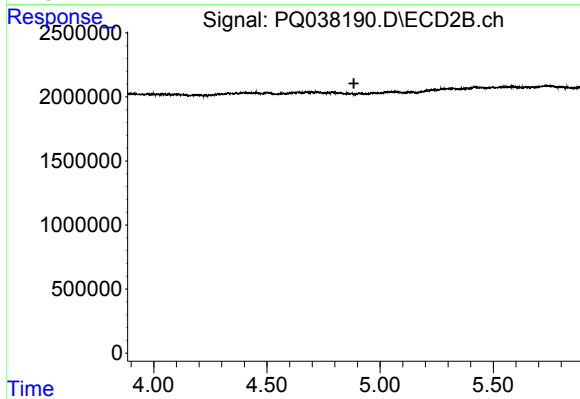
#17 AR-1242-2

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



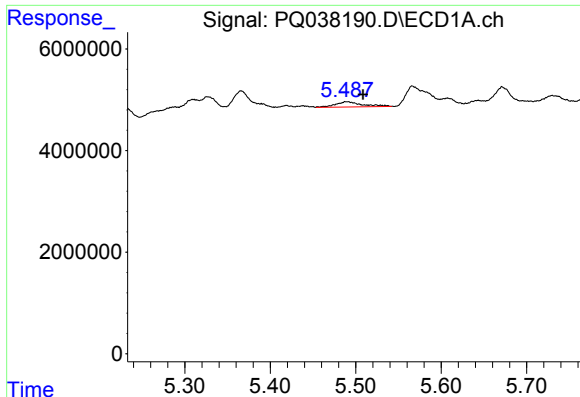
#18 AR-1242-3

R.T.: 5.419 min
Delta R.T.: 0.010 min
Response: 264305
Conc: 1.79 ng/ml



#18 AR-1242-3

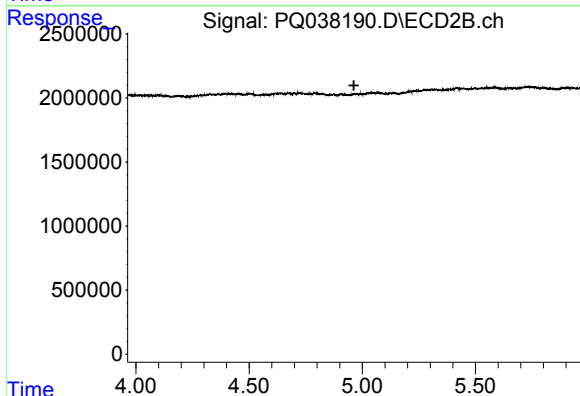
R.T.: 0.000 min
Exp R.T. : 4.884 min
Response: 0
Conc: N.D.



#19 AR-1242-4

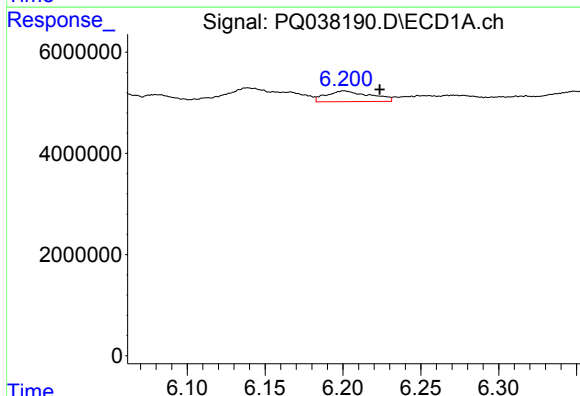
R.T.: 5.490 min
Delta R.T.: -0.019 min
Response: 2218591
Conc: 18.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



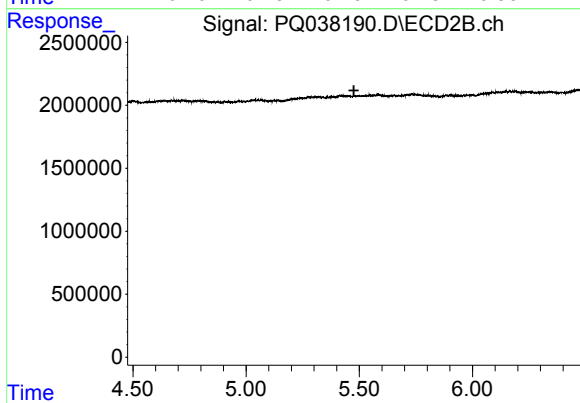
#19 AR-1242-4

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



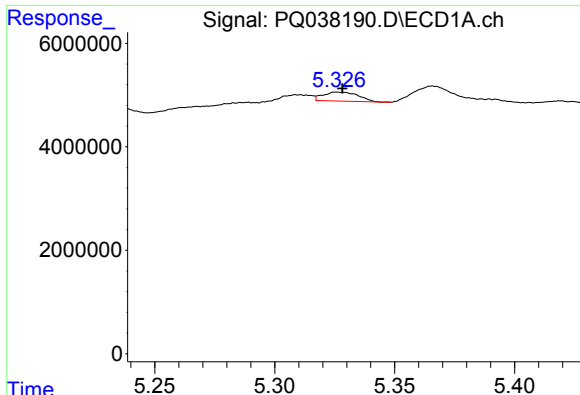
#20 AR-1242-5

R.T.: 6.201 min
Delta R.T.: -0.023 min
Response: 4167626
Conc: 30.50 ng/ml



#20 AR-1242-5

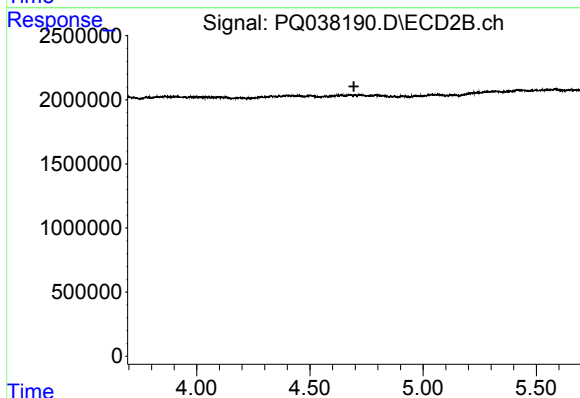
R.T.: 0.000 min
Exp R.T. : 5.476 min
Response: 0
Conc: N.D.



#21 AR-1248-1

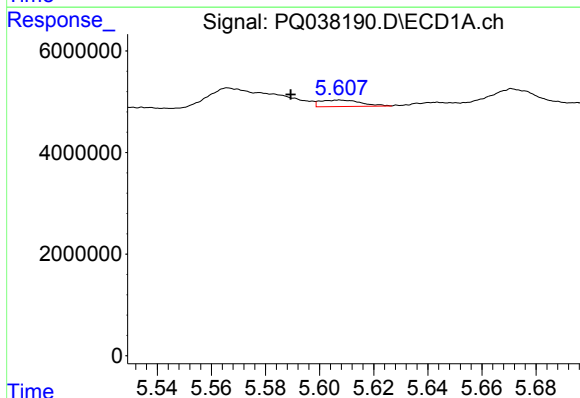
R.T.: 5.327 min
Delta R.T.: -0.001 min
Response: 1754989
Conc: 11.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



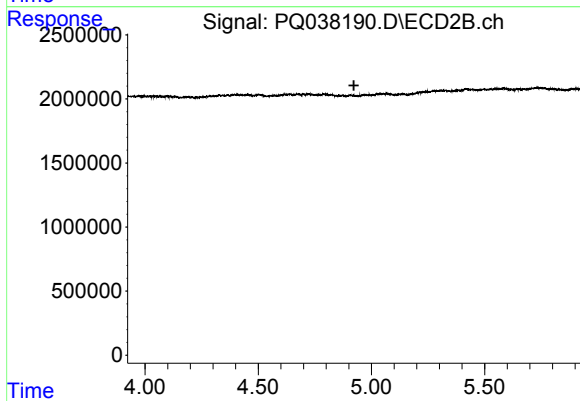
#21 AR-1248-1

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



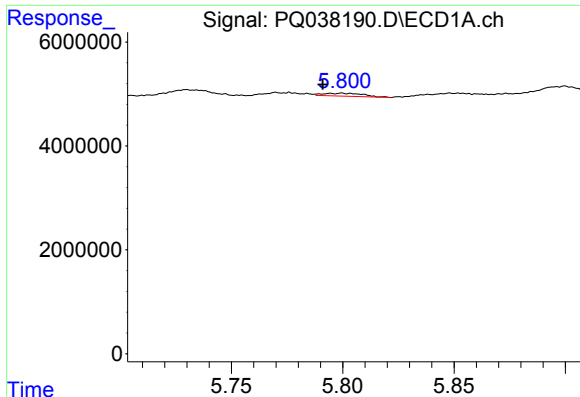
#22 AR-1248-2

R.T.: 5.607 min
Delta R.T.: 0.018 min
Response: 1335405
Conc: 6.10 ng/ml



#22 AR-1248-2

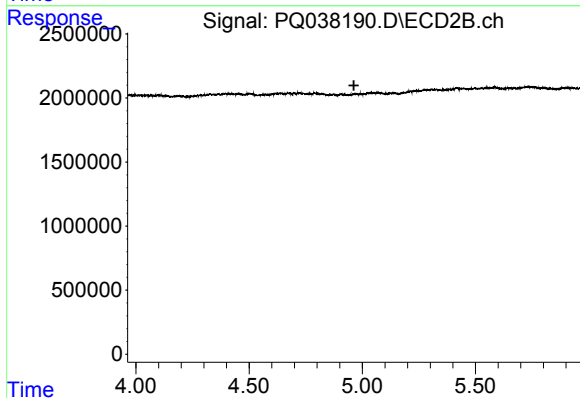
R.T.: 0.000 min
Exp R.T. : 4.923 min
Response: 0
Conc: N.D.



#23 AR-1248-3

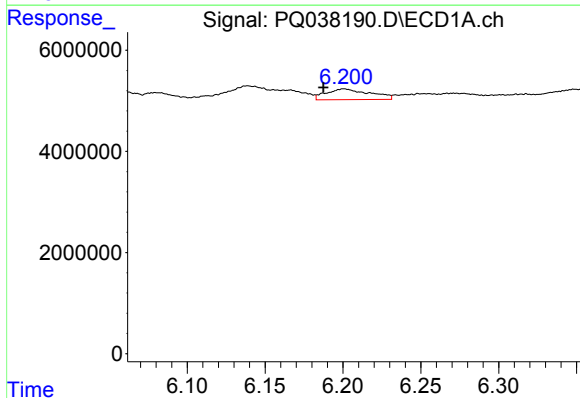
R.T.: 5.800 min
Delta R.T.: 0.009 min
Response: 728525
Conc: 2.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



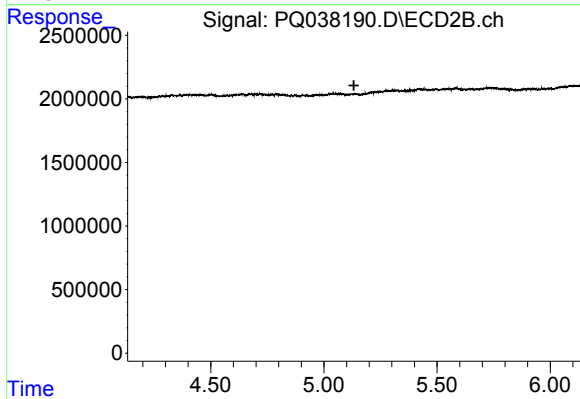
#23 AR-1248-3

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



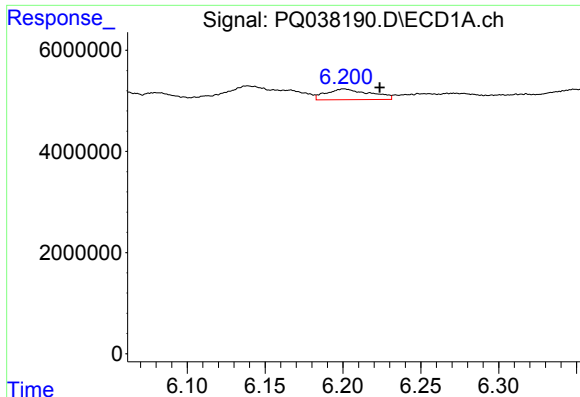
#24 AR-1248-4

R.T.: 6.201 min
Delta R.T.: 0.013 min
Response: 4167626
Conc: 14.90 ng/ml



#24 AR-1248-4

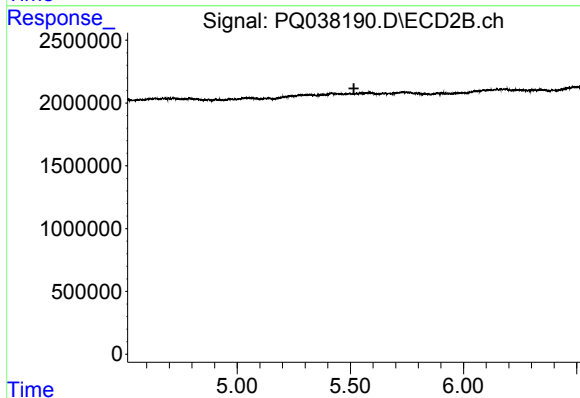
R.T.: 0.000 min
Exp R.T. : 5.133 min
Response: 0
Conc: N.D.



#25 AR-1248-5

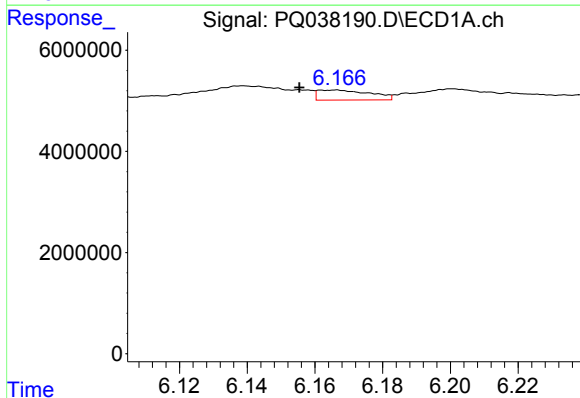
R.T.: 6.201 min
Delta R.T.: -0.023 min
Response: 4167626
Conc: 15.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



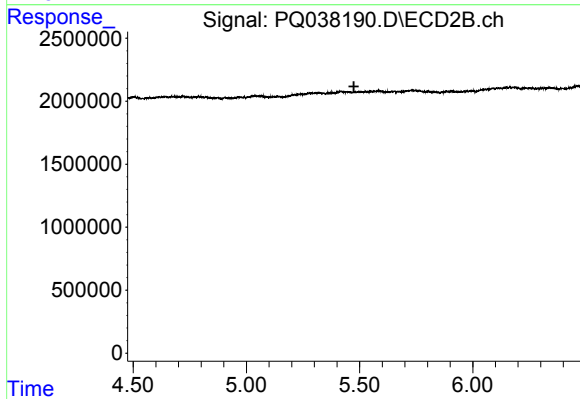
#25 AR-1248-5

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



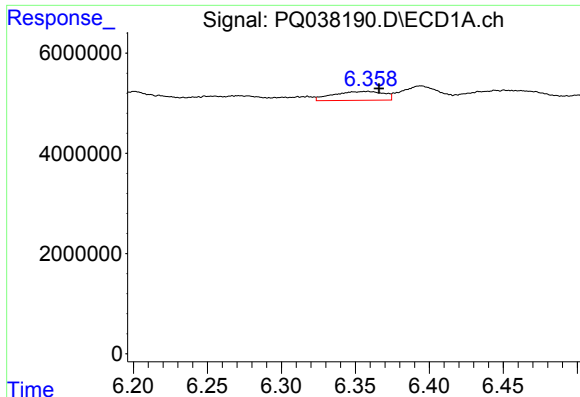
#26 AR-1254-1

R.T.: 6.166 min
Delta R.T.: 0.011 min
Response: 2139788
Conc: 10.89 ng/ml



#26 AR-1254-1

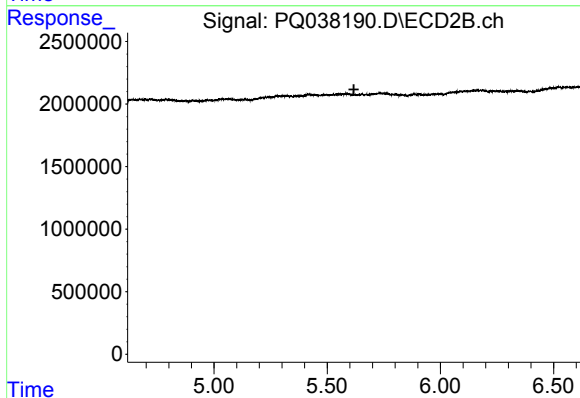
R.T.: 0.000 min
Exp R.T. : 5.475 min
Response: 0
Conc: N.D.



#27 AR-1254-2

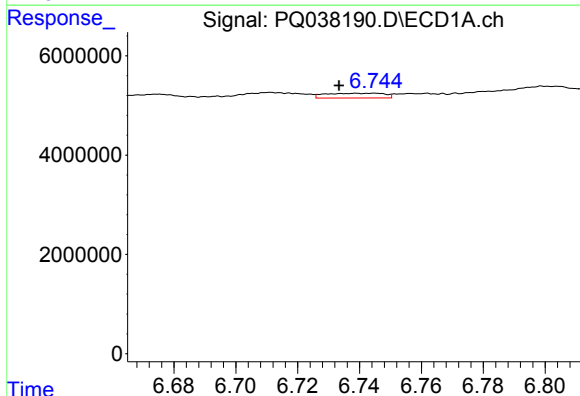
R.T.: 6.358 min
Delta R.T.: -0.008 min
Response: 4237000
Conc: 13.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



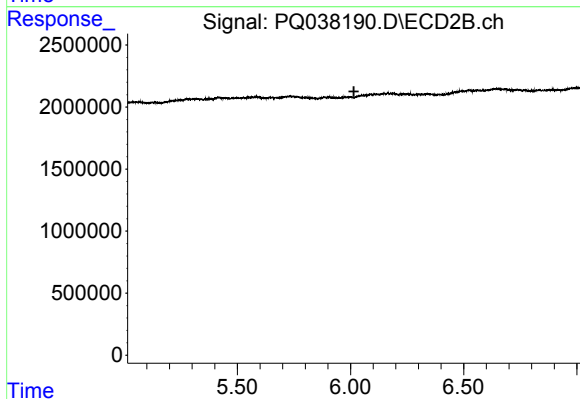
#27 AR-1254-2

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



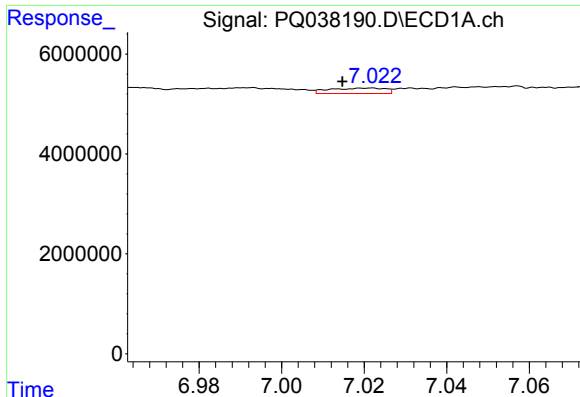
#28 AR-1254-3

R.T.: 6.745 min
Delta R.T.: 0.011 min
Response: 1264129
Conc: 4.06 ng/ml



#28 AR-1254-3

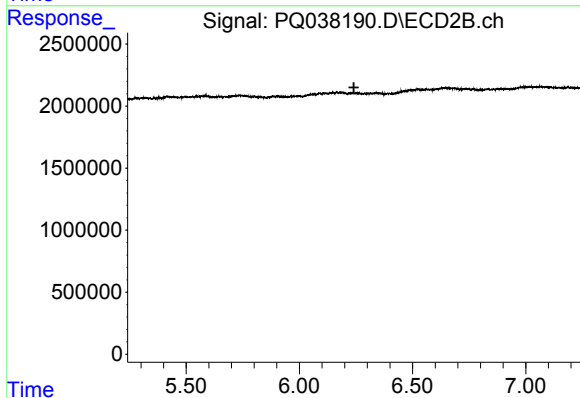
R.T.: 0.000 min
Exp R.T. : 6.015 min
Response: 0
Conc: N.D.



#29 AR-1254-4

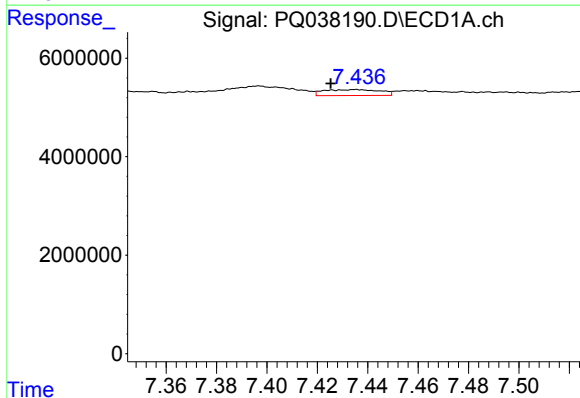
R.T.: 7.021 min
Delta R.T.: 0.006 min
Response: 1017585
Conc: 4.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



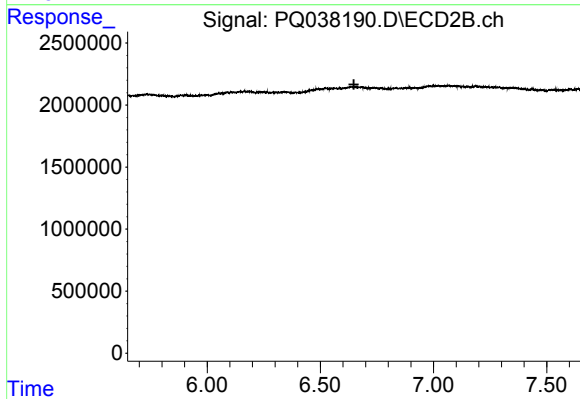
#29 AR-1254-4

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



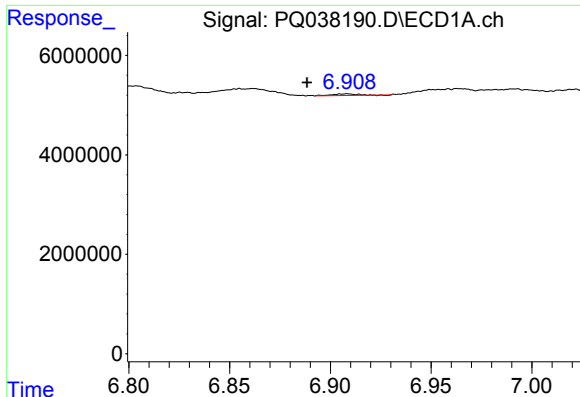
#30 AR-1254-5

R.T.: 7.436 min
Delta R.T.: 0.010 min
Response: 1861772
Conc: 6.31 ng/ml



#30 AR-1254-5

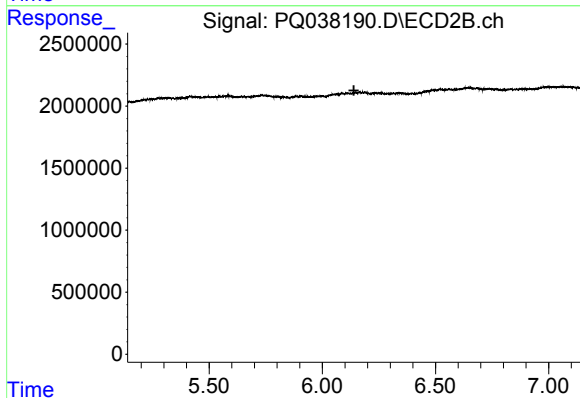
R.T.: 0.000 min
Exp R.T. : 6.648 min
Response: 0
Conc: N.D.



#31 AR-1260-1

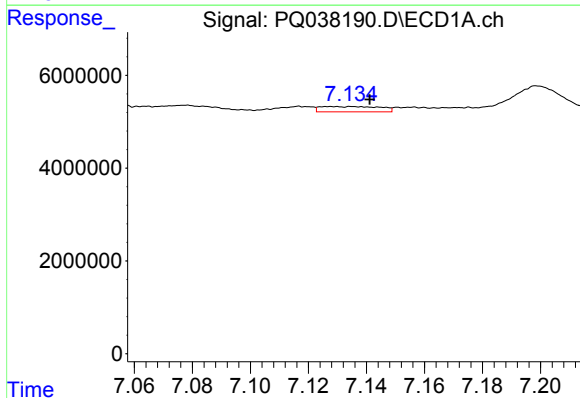
R.T.: 6.908 min
Delta R.T.: 0.020 min
Response: 275241
Conc: 1.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



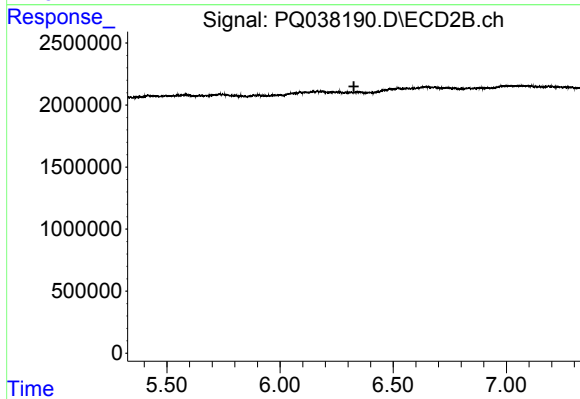
#31 AR-1260-1

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



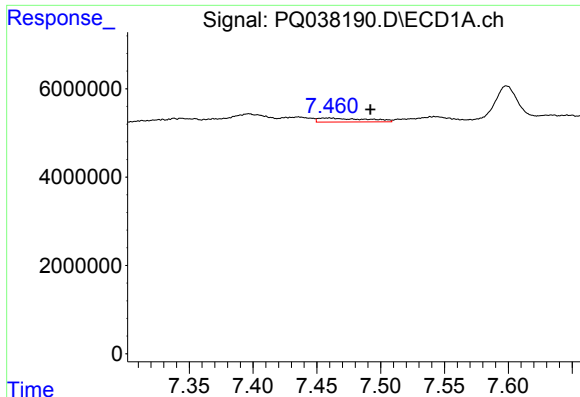
#32 AR-1260-2

R.T.: 7.128 min
Delta R.T.: -0.013 min
Response: 1645378
Conc: 4.77 ng/ml



#32 AR-1260-2

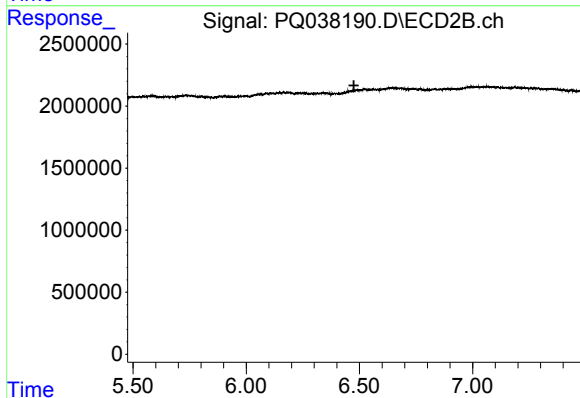
R.T.: 0.000 min
Exp R.T. : 6.326 min
Response: 0
Conc: N.D.



#33 AR-1260-3

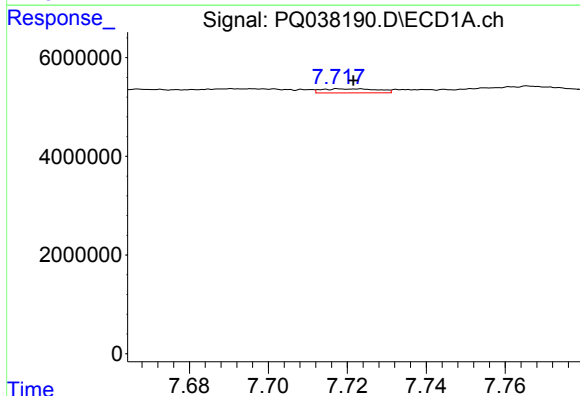
R.T.: 7.460 min
Delta R.T.: -0.032 min
Response: 2367302
Conc: 8.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



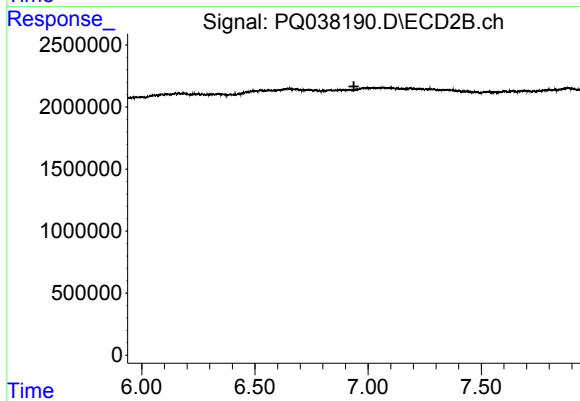
#33 AR-1260-3

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



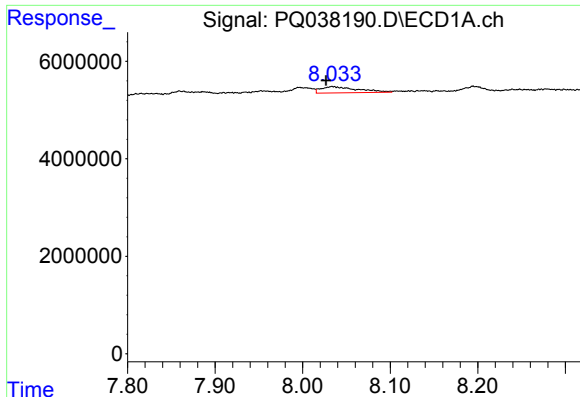
#34 AR-1260-4

R.T.: 7.723 min
Delta R.T.: 0.001 min
Response: 807251
Conc: 3.00 ng/ml



#34 AR-1260-4

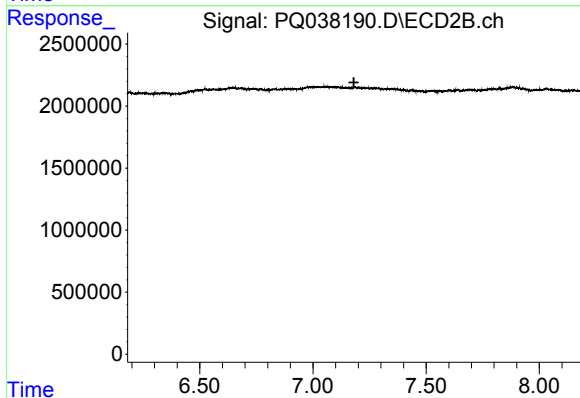
R.T.: 0.000 min
Exp R.T. : 6.937 min
Response: 0
Conc: N.D.



#35 AR-1260-5

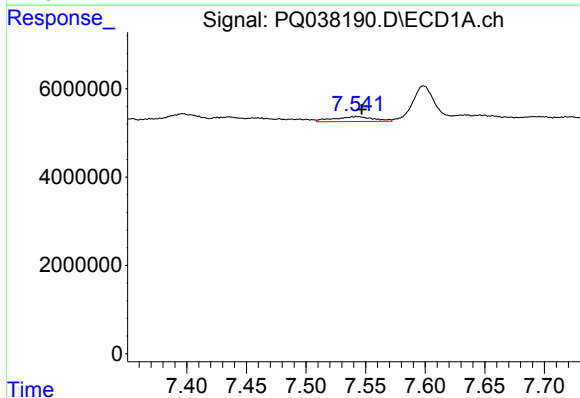
R.T.: 8.034 min
Delta R.T.: 0.007 min
Response: 3742825
Conc: 5.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



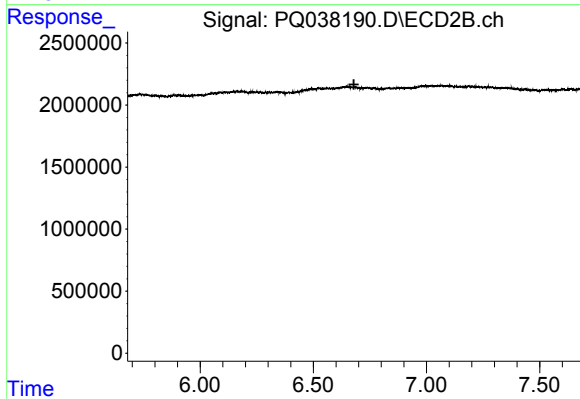
#35 AR-1260-5

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



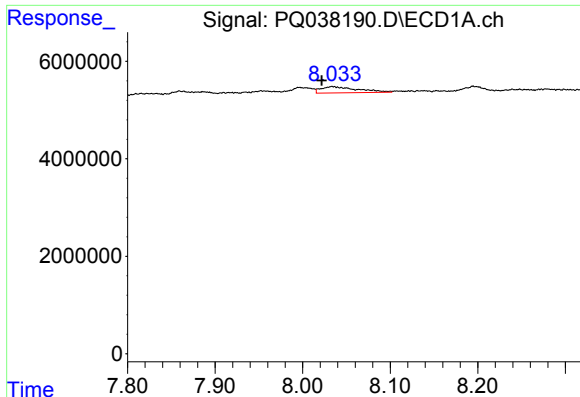
#36 AR-1262-1

R.T.: 7.543 min
Delta R.T.: -0.004 min
Response: 2608061
Conc: 16.89 ng/ml



#36 AR-1262-1

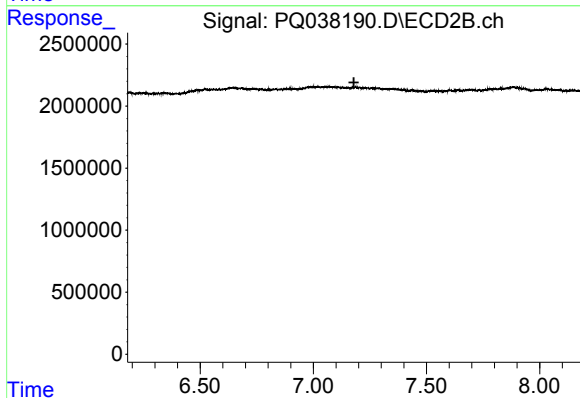
R.T.: 0.000 min
Exp R.T. : 6.679 min
Response: 0
Conc: N.D.



#37 AR-1262-2

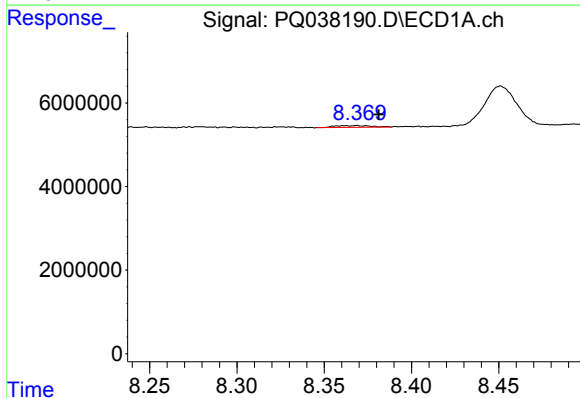
R.T.: 8.034 min
Delta R.T.: 0.012 min
Response: 3742825
Conc: 5.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



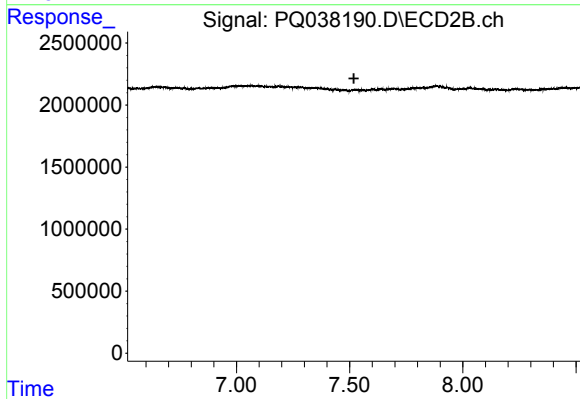
#37 AR-1262-2

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



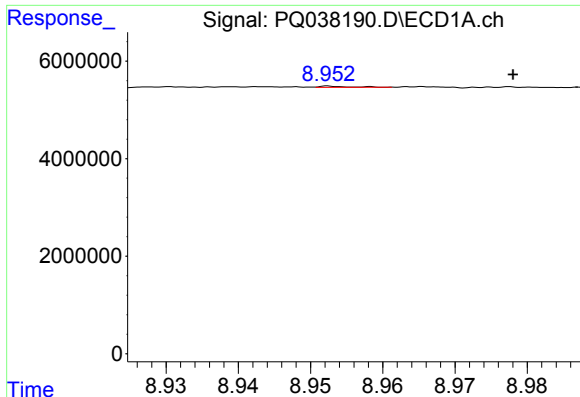
#39 AR-1262-4

R.T.: 8.369 min
Delta R.T.: -0.013 min
Response: 568288
Conc: 1.64 ng/ml



#39 AR-1262-4

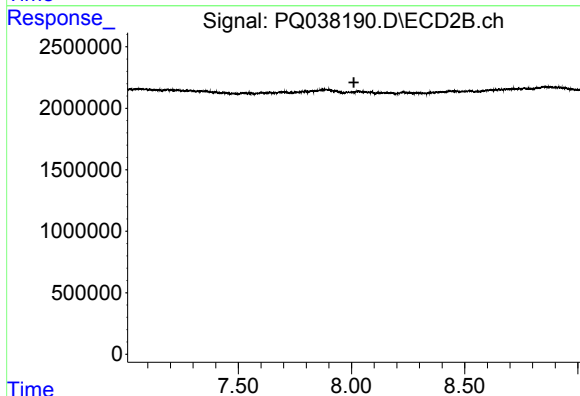
R.T.: 0.000 min
Exp R.T. : 7.519 min
Response: 0
Conc: N.D.



#40 AR-1262-5

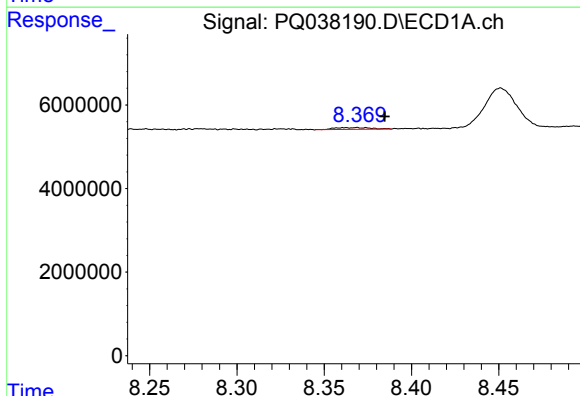
R.T.: 8.953 min
Delta R.T.: -0.025 min
Response: 68054
Conc: 0.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



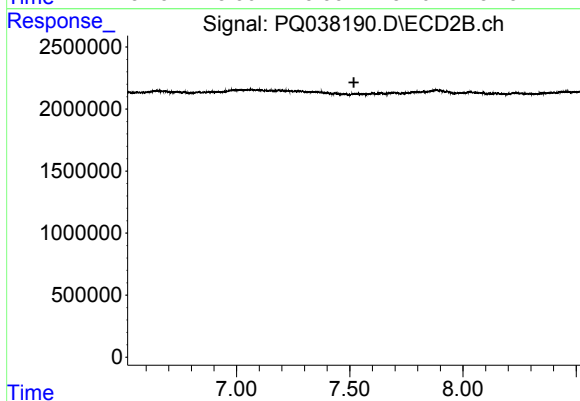
#40 AR-1262-5

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



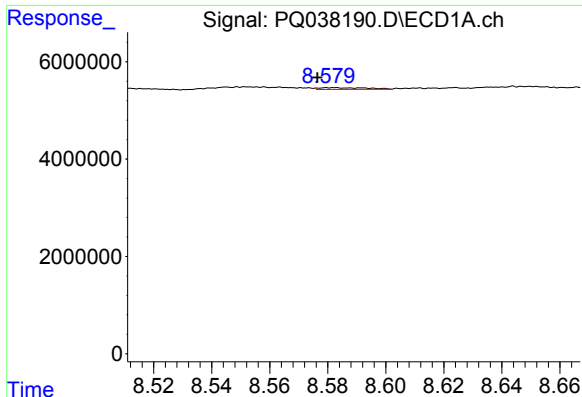
#42 AR-1268-2

R.T.: 8.369 min
Delta R.T.: -0.016 min
Response: 568288
Conc: 0.76 ng/ml



#42 AR-1268-2

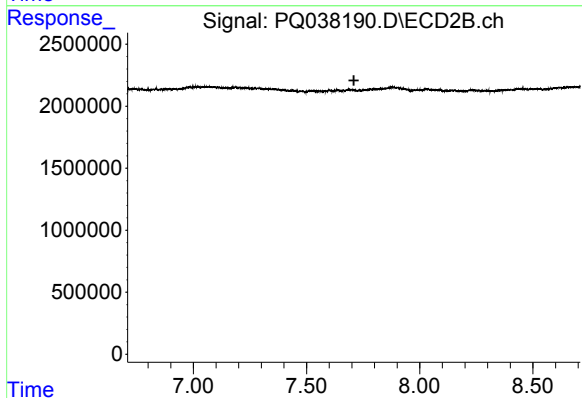
R.T.: 0.000 min
Exp R.T. : 7.518 min
Response: 0
Conc: N.D.



#43 AR-1268-3

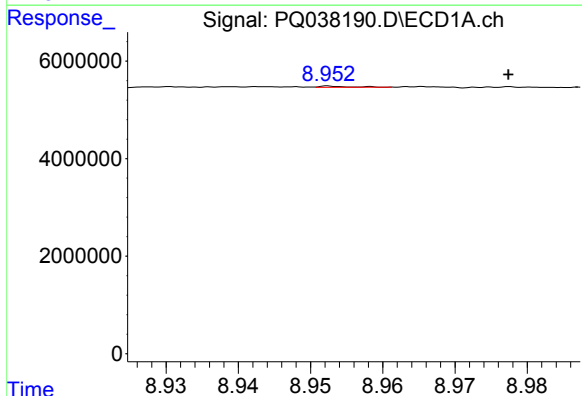
R.T.: 8.582 min
Delta R.T.: 0.006 min
Response: 423324
Conc: 0.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



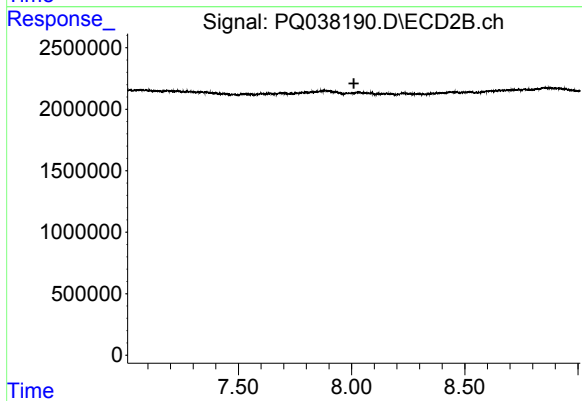
#43 AR-1268-3

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



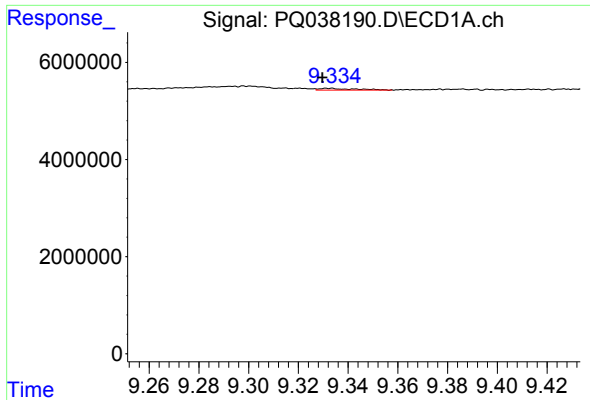
#44 AR-1268-4

R.T.: 8.953 min
Delta R.T.: -0.025 min
Response: 68054
Conc: 0.26 ng/ml



#44 AR-1268-4

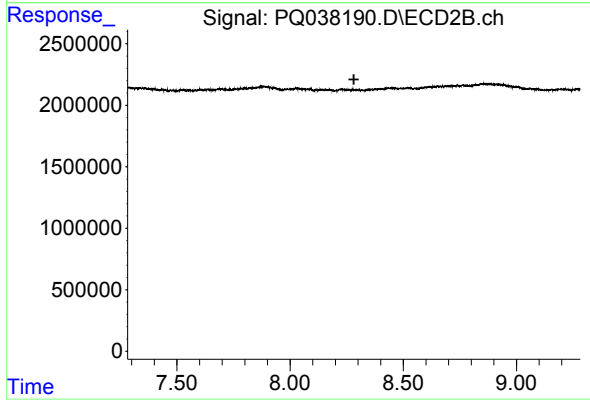
R.T.: 0.000 min
Exp R.T. : 8.010 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.332 min
Delta R.T.: 0.003 min
Response: 347221
Conc: 0.18 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.