

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032319\
 Data File : PQ038188.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Mar 2019 07:30
 Operator : SM\SJ
 Sample : K2033-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 25 03:12:34 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...	4.175	0.000	111.7E6	0	19.190	N.D. #
2)	SA Decachlor...	9.582	0.000	58446557	0	12.123	N.D. #
Target Compounds							
3)	L1 AR-1016-1	5.331	0.000	1371610	0	6.815	N.D. #
4)	L1 AR-1016-2	5.331	0.000	1371610	0	4.371	N.D. #
5)	L1 AR-1016-3	5.439	0.000	589510	0	3.237	N.D. #
6)	L1 AR-1016-4	5.499	0.000	1823809	0	12.192	N.D. #
8)	L2 AR-1221-1	4.401	0.000	2713945	0	42.772	N.D. #
9)	L2 AR-1221-2	4.474	0.000	13247782	0	286.378	N.D. #
10)	L2 AR-1221-3	4.573	0.000	14518426	0	94.992	N.D. #
11)	L3 AR-1232-1	4.573	0.000	14518426	0	116.657	N.D. #
12)	L3 AR-1232-2	5.063	0.000	3226637	0	54.795	N.D. #
13)	L3 AR-1232-3	5.331	0.000	1371610	0	11.106	N.D. #
14)	L3 AR-1232-4	5.499	0.000	1823809	0	31.314	N.D. #
15)	L3 AR-1232-5	5.575	0.000	5191033	0	121.429	N.D. #
16)	L4 AR-1242-1	5.331	0.000	1371610	0	8.347	N.D. #
17)	L4 AR-1242-2	5.331	0.000	1371610	0	5.375	N.D. #
18)	L4 AR-1242-3	5.439	0.000	589510	0	3.997	N.D. #
19)	L4 AR-1242-4	5.499	0.000	1823809	0	14.899	N.D. #
20)	L4 AR-1242-5	6.208	0.000	2593593	0	18.982	N.D. #
21)	L5 AR-1248-1	5.331	0.000	1371610	0	8.660	N.D. #
22)	L5 AR-1248-2	5.575	0.000	5191033	0	23.716	N.D. #
24)	L5 AR-1248-4	6.208	0.000	2593593	0	9.273	N.D. #
25)	L5 AR-1248-5	6.208	0.000	2593593	0	9.784	N.D. #
26)	L6 AR-1254-1	6.147	0.000	6023757	0	30.661	N.D. #
27)	L6 AR-1254-2	6.361	0.000	3432410	0	11.199	N.D. #
28)	L6 AR-1254-3	6.744	0.000	1300555	0	4.176	N.D. #
29)	L6 AR-1254-4	6.998	0.000	2099027	0	8.269	N.D. #
30)	L6 AR-1254-5	7.404	0.000	3781377	0	12.815	N.D. #
31)	L7 AR-1260-1	6.864	0.000	2627614	0	10.147	N.D. #
32)	L7 AR-1260-2	7.141	0.000	1800261	0	5.223	N.D. #
33)	L7 AR-1260-3	7.462	0.000	867723	0	3.059	N.D. #
34)	L7 AR-1260-4	7.733	0.000	1012683	0	3.762	N.D. #
35)	L7 AR-1260-5	8.018	0.000	1099033	0	1.744	N.D. #
36)	L8 AR-1262-1	7.550	0.000	1726996	0	11.182	N.D. #
37)	L8 AR-1262-2	8.018	0.000	1099033	0	1.567	N.D. #
38)	L8 AR-1262-3	8.332	0.000	1116263	0	3.724	N.D. #
39)	L8 AR-1262-4	8.376	0.000	906680	0	2.614	N.D. #
40)	L8 AR-1262-5	8.945	0.000	814755	0	3.410	N.D. #
41)	L9 AR-1268-1	8.332	0.000	1116263	0	1.356	N.D. #
42)	L9 AR-1268-2	8.376	0.000	906680	0	1.214	N.D. #
43)	L9 AR-1268-3	8.563	0.000	1092123	0	1.665	N.D. #

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Integration File signal 1: autoint1.e
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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
44)	L9 AR-1268-4	8.945	0.000	814755	0	3.148	N.D. #
45)	L9 AR-1268-5	9.308	0.000	1485141	0	0.761	N.D. #

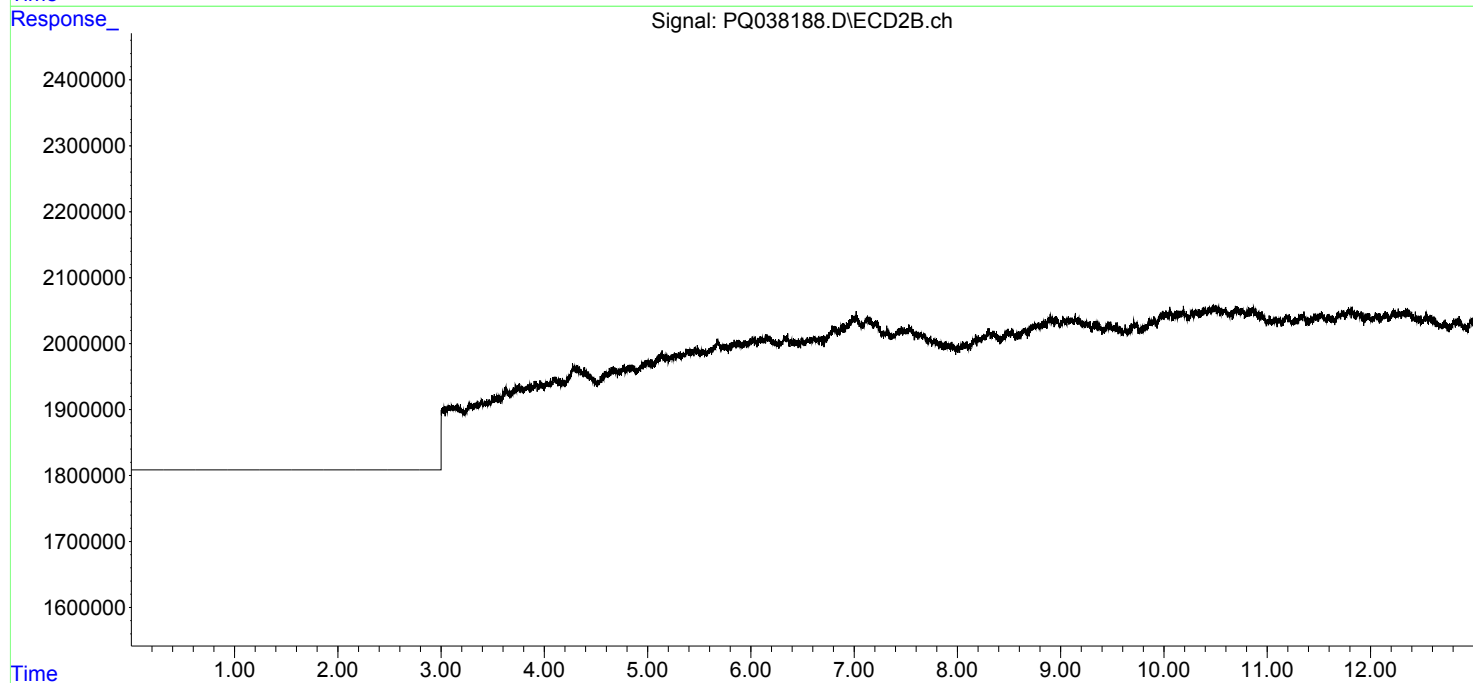
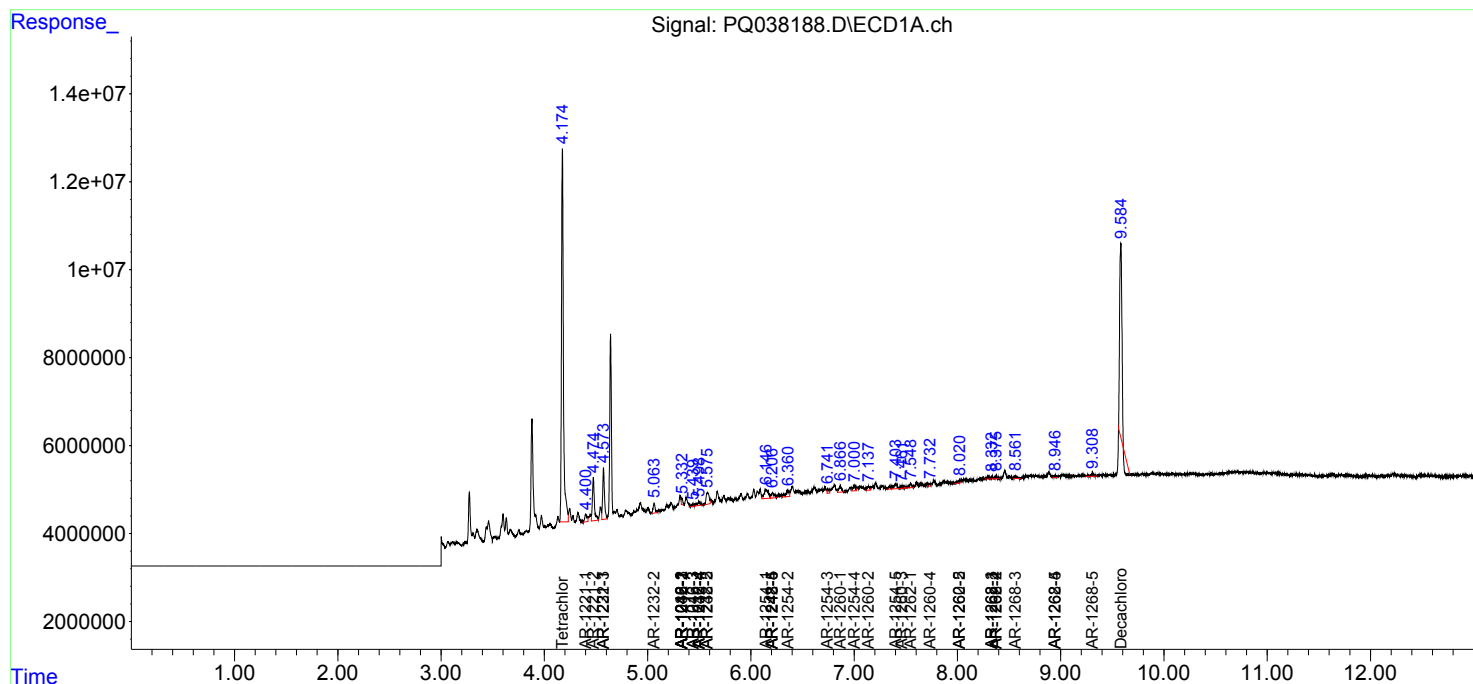
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

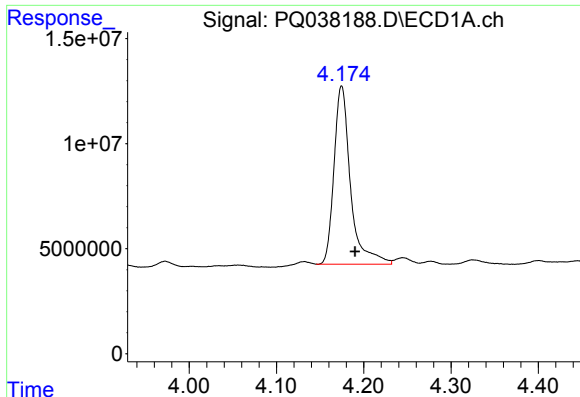
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

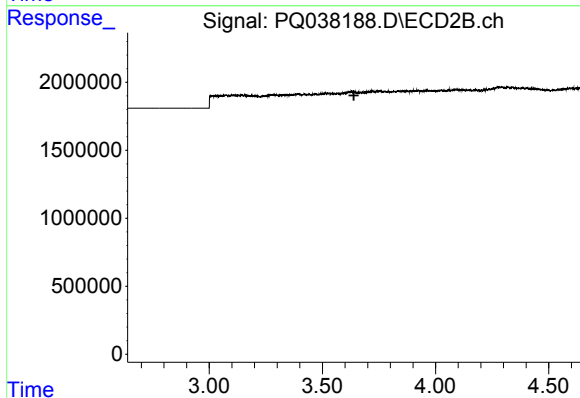




#1 Tetrachloro-m-xylene

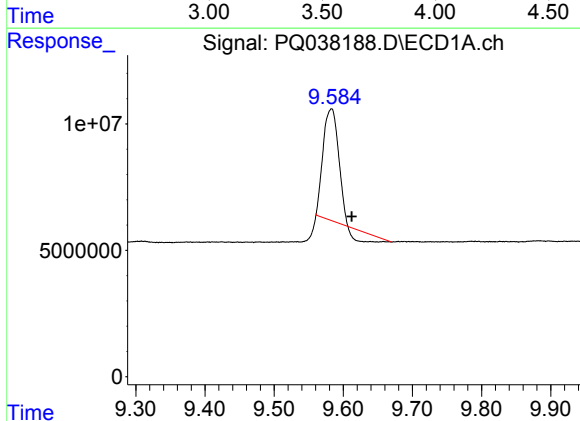
R.T.: 4.175 min
Delta R.T.: -0.015 min
Response: 111660611
Conc: 19.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



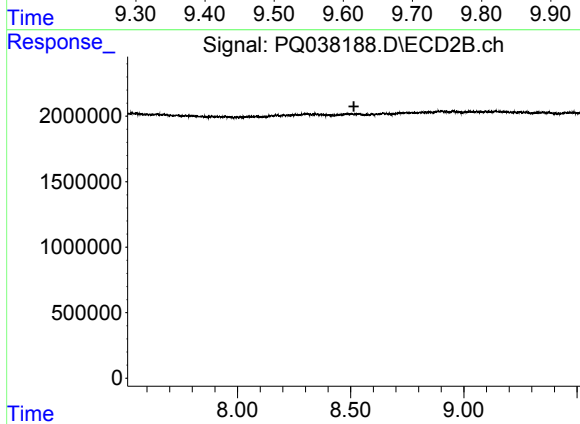
#1 Tetrachloro-m-xylene

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



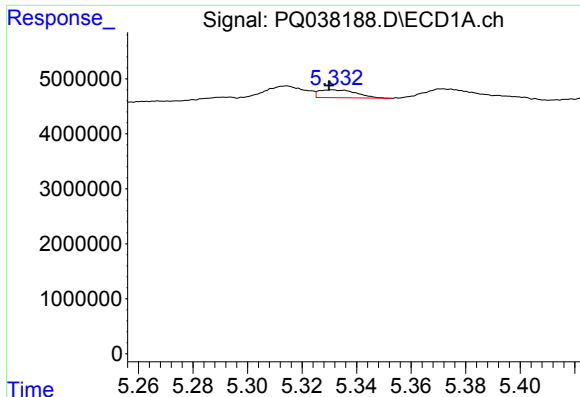
#2 Decachlorobiphenyl

R.T.: 9.582 min
Delta R.T.: -0.030 min
Response: 58446557
Conc: 12.12 ng/ml



#2 Decachlorobiphenyl

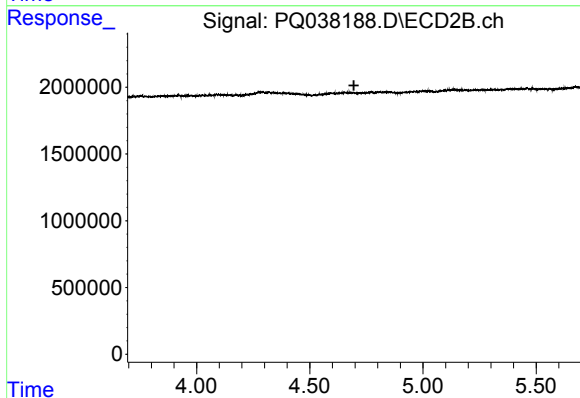
R.T.: 0.000 min
Exp R.T. : 8.514 min
Response: 0
Conc: N.D.



#3 AR-1016-1

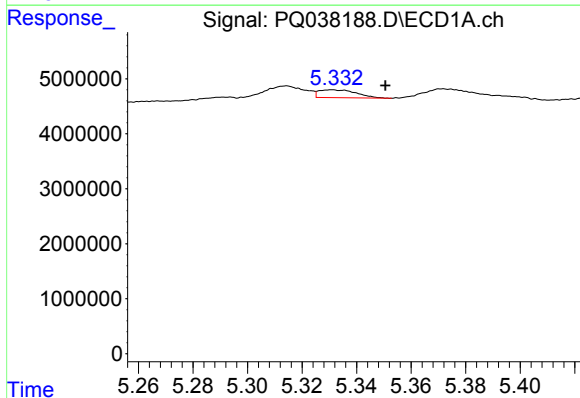
R.T.: 5.331 min
Delta R.T.: 0.001 min
Response: 1371610
Conc: 6.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



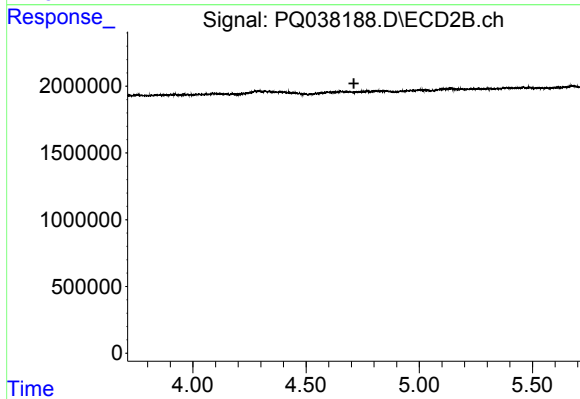
#3 AR-1016-1

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



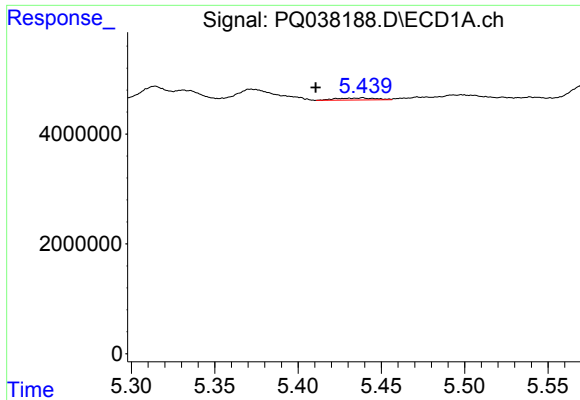
#4 AR-1016-2

R.T.: 5.331 min
Delta R.T.: -0.020 min
Response: 1371610
Conc: 4.37 ng/ml



#4 AR-1016-2

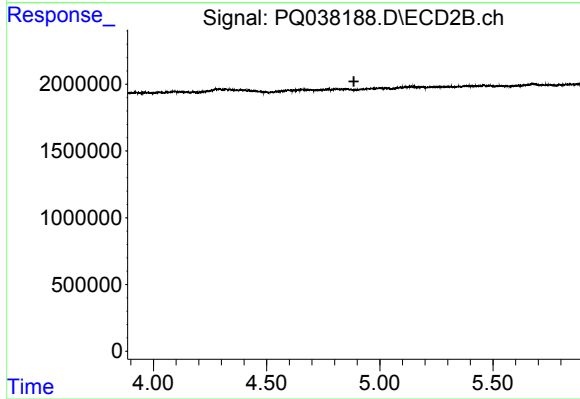
R.T.: 0.000 min
Exp R.T. : 4.711 min
Response: 0
Conc: N.D.



#5 AR-1016-3

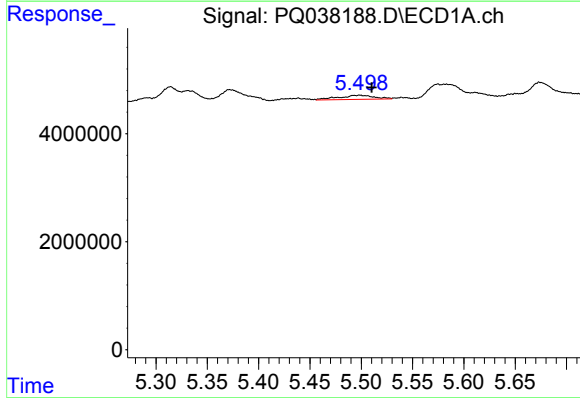
R.T.: 5.439 min
Delta R.T.: 0.028 min
Response: 589510
Conc: 3.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



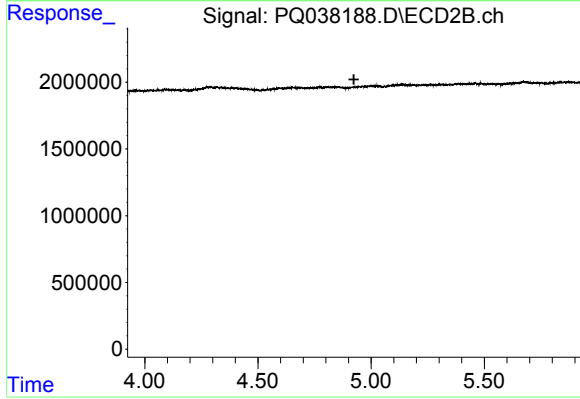
#5 AR-1016-3

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



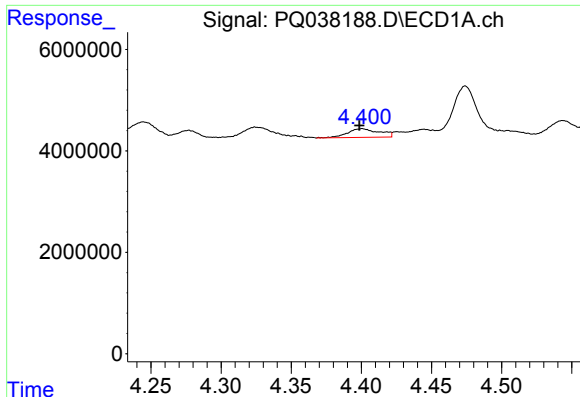
#6 AR-1016-4

R.T.: 5.499 min
Delta R.T.: -0.012 min
Response: 1823809
Conc: 12.19 ng/ml



#6 AR-1016-4

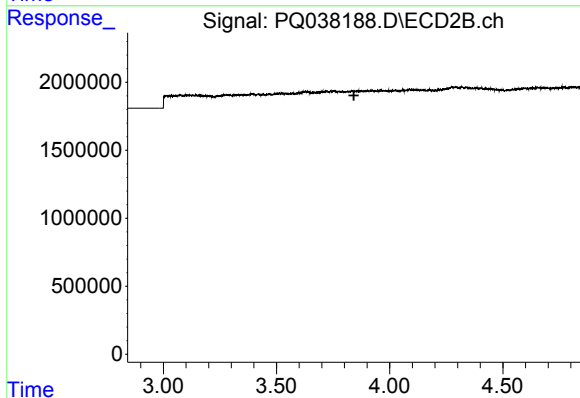
R.T.: 0.000 min
Exp R.T. : 4.924 min
Response: 0
Conc: N.D.



#8 AR-1221-1

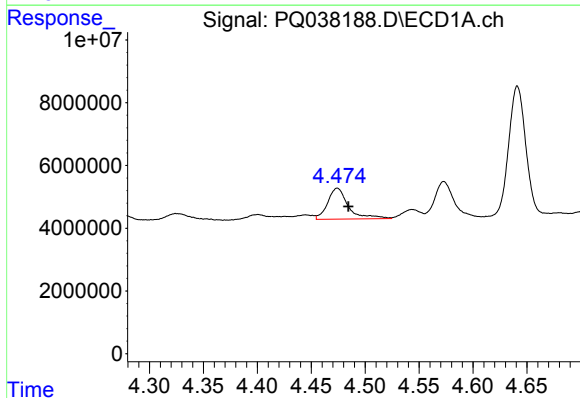
R.T.: 4.401 min
Delta R.T.: 0.002 min
Response: 2713945
Conc: 42.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



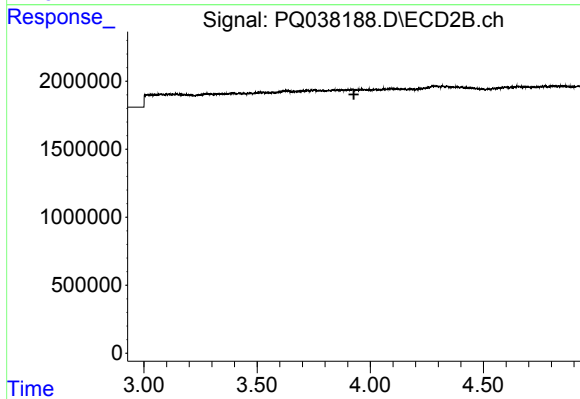
#8 AR-1221-1

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



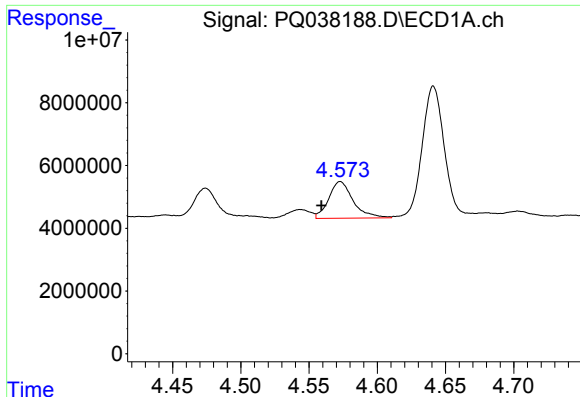
#9 AR-1221-2

R.T.: 4.474 min
Delta R.T.: -0.010 min
Response: 13247782
Conc: 286.38 ng/ml



#9 AR-1221-2

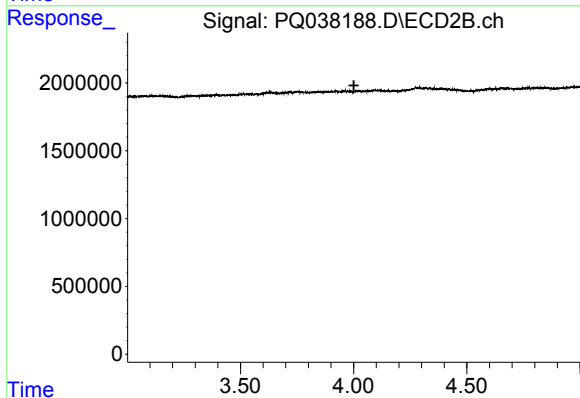
R.T.: 0.000 min
Exp R.T. : 3.928 min
Response: 0
Conc: N.D.



#10 AR-1221-3

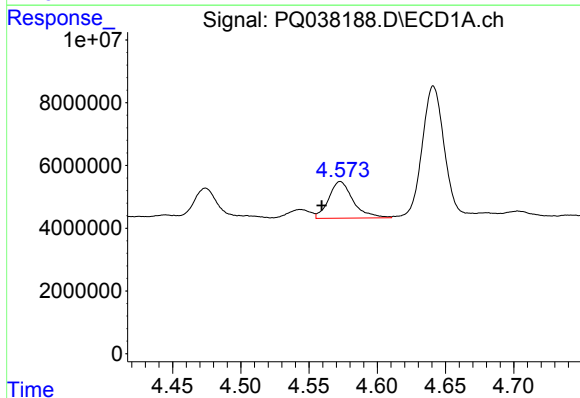
R.T.: 4.573 min
Delta R.T.: 0.014 min
Response: 14518426
Conc: 94.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



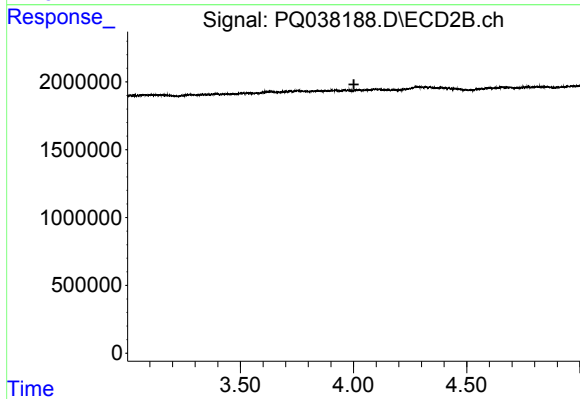
#10 AR-1221-3

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



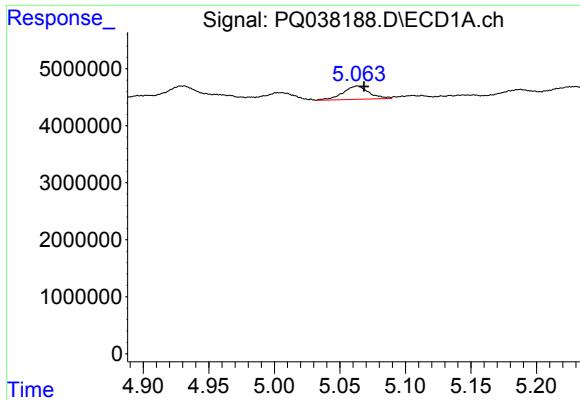
#11 AR-1232-1

R.T.: 4.573 min
Delta R.T.: 0.013 min
Response: 14518426
Conc: 116.66 ng/ml



#11 AR-1232-1

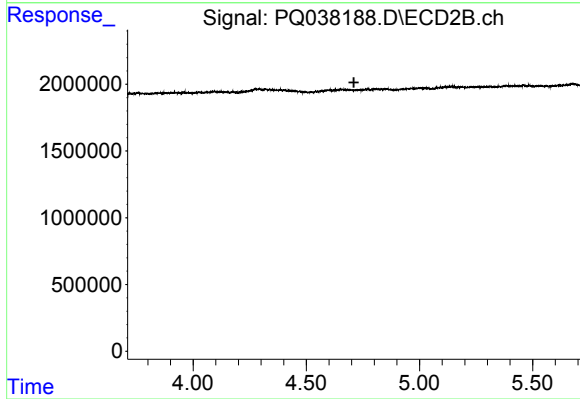
R.T.: 0.000 min
Exp R.T. : 4.001 min
Response: 0
Conc: N.D.



#12 AR-1232-2

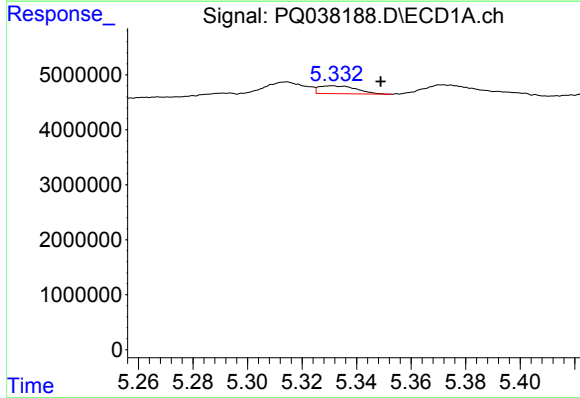
R.T.: 5.063 min
Delta R.T.: -0.005 min
Response: 3226637
Conc: 54.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



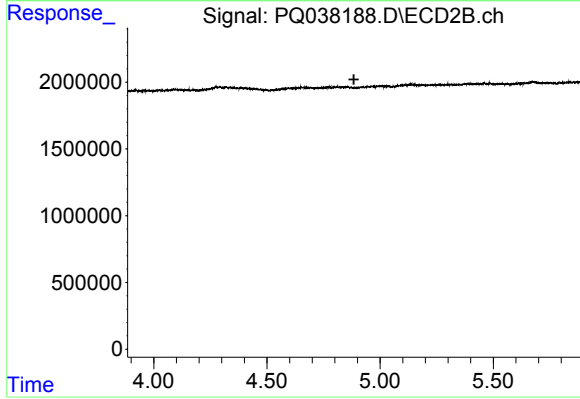
#12 AR-1232-2

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



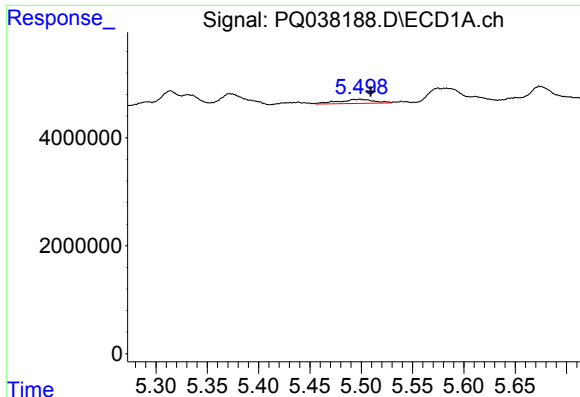
#13 AR-1232-3

R.T.: 5.331 min
Delta R.T.: -0.018 min
Response: 1371610
Conc: 11.11 ng/ml



#13 AR-1232-3

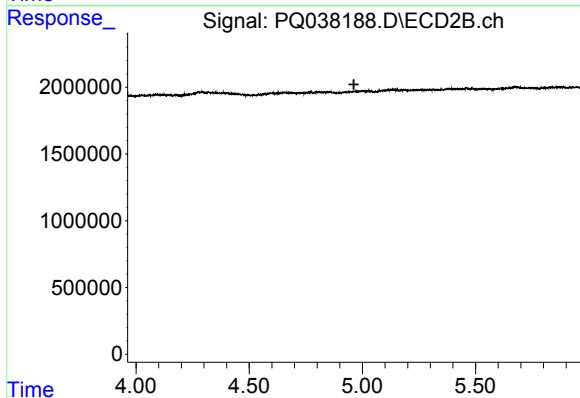
R.T.: 0.000 min
Exp R.T. : 4.884 min
Response: 0
Conc: N.D.



#14 AR-1232-4

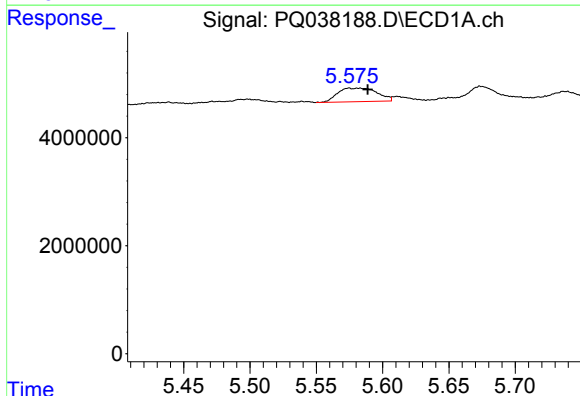
R.T.: 5.499 min
Delta R.T.: -0.011 min
Response: 1823809
Conc: 31.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



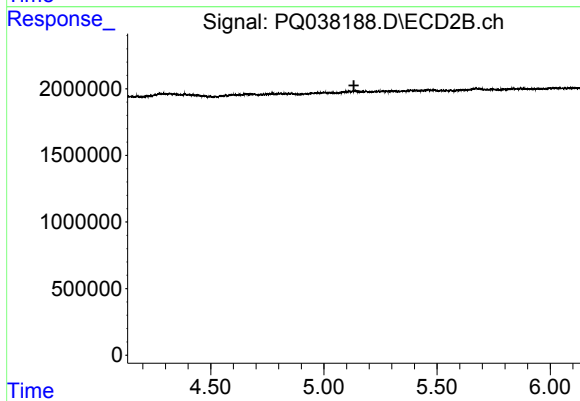
#14 AR-1232-4

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



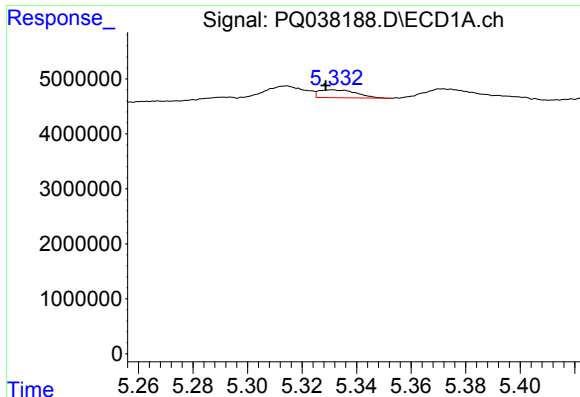
#15 AR-1232-5

R.T.: 5.575 min
Delta R.T.: -0.014 min
Response: 5191033
Conc: 121.43 ng/ml



#15 AR-1232-5

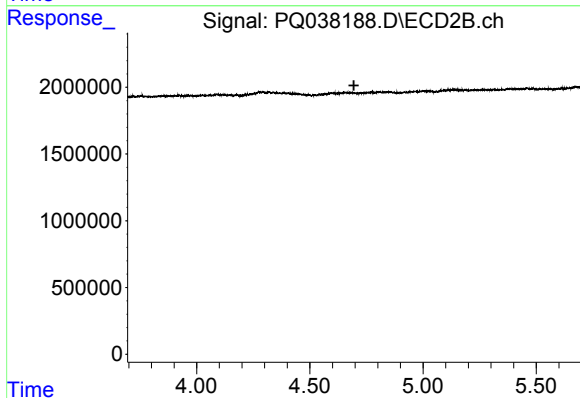
R.T.: 0.000 min
Exp R.T. : 5.133 min
Response: 0
Conc: N.D.



#16 AR-1242-1

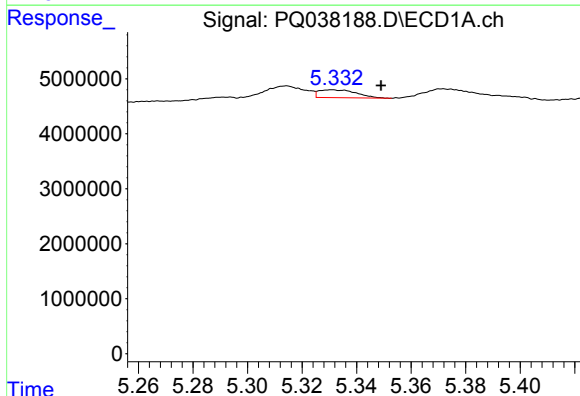
R.T.: 5.331 min
Delta R.T.: 0.002 min
Response: 1371610
Conc: 8.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



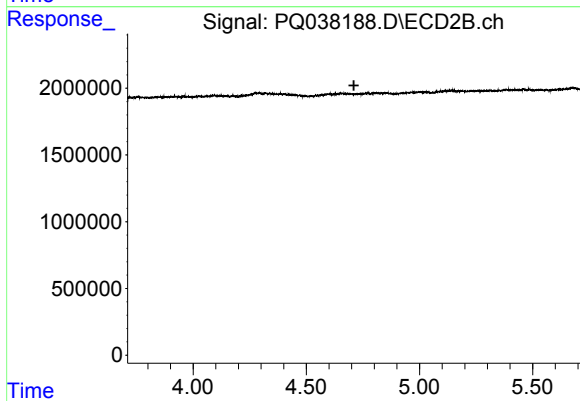
#16 AR-1242-1

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



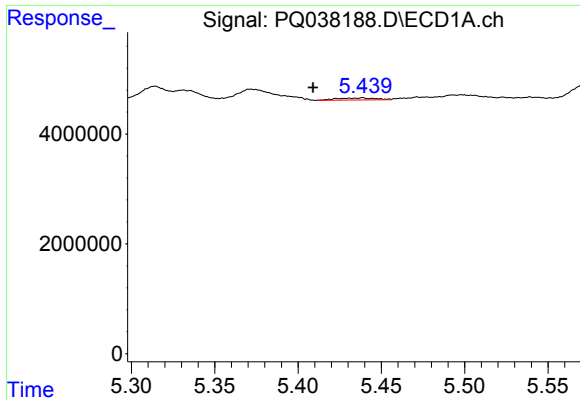
#17 AR-1242-2

R.T.: 5.331 min
Delta R.T.: -0.018 min
Response: 1371610
Conc: 5.38 ng/ml



#17 AR-1242-2

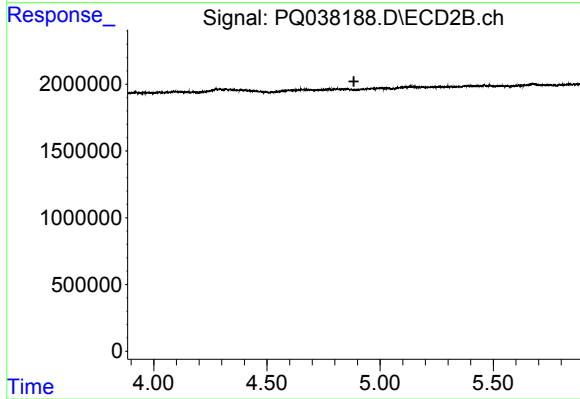
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



#18 AR-1242-3

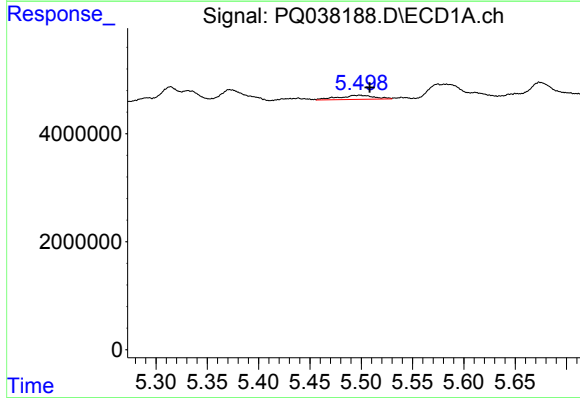
R.T.: 5.439 min
Delta R.T.: 0.030 min
Response: 589510
Conc: 4.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



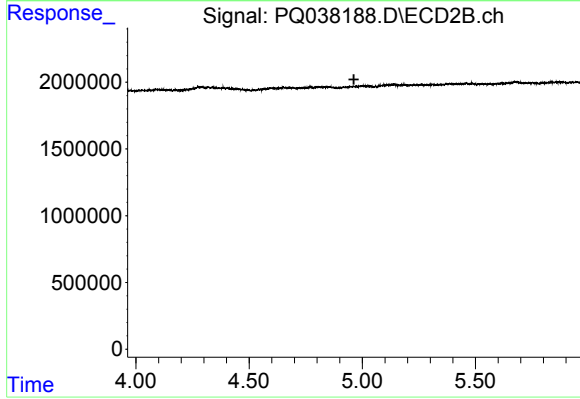
#18 AR-1242-3

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



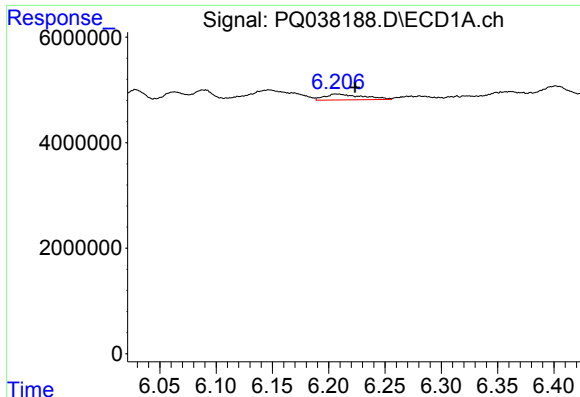
#19 AR-1242-4

R.T.: 5.499 min
Delta R.T.: -0.010 min
Response: 1823809
Conc: 14.90 ng/ml



#19 AR-1242-4

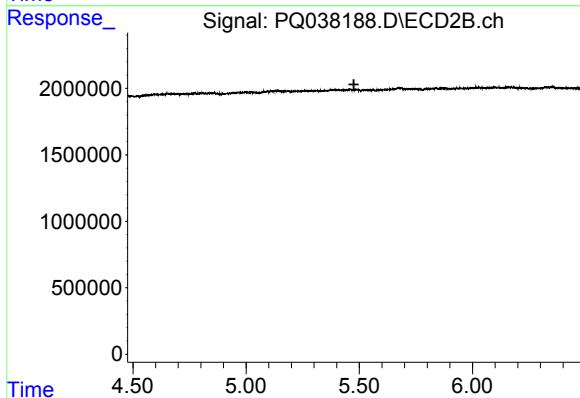
R.T.: 0.000 min
Exp R.T. : 4.963 min
Response: 0
Conc: N.D.



#20 AR-1242-5

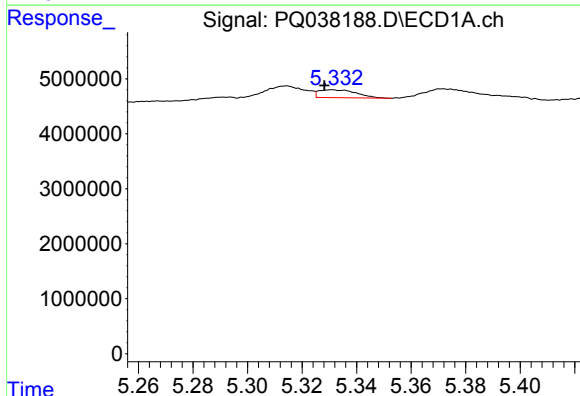
R.T.: 6.208 min
Delta R.T.: -0.016 min
Response: 2593593
Conc: 18.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



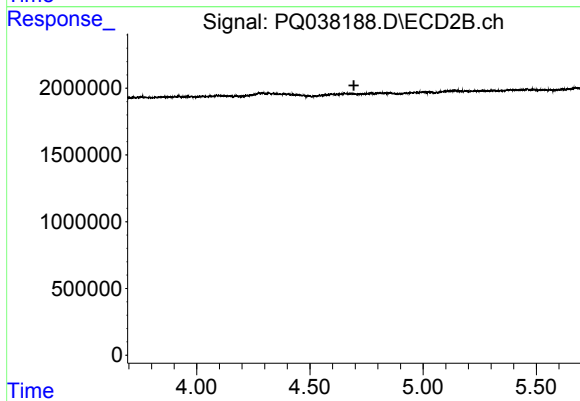
#20 AR-1242-5

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



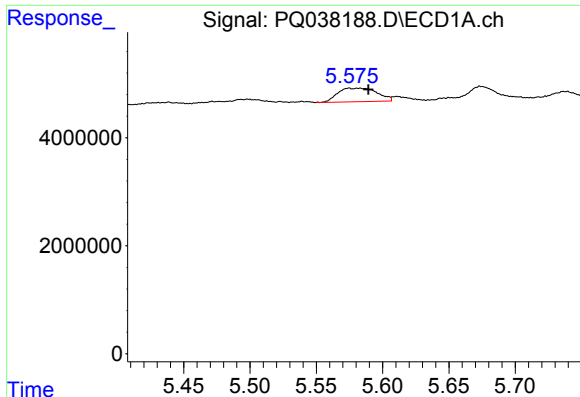
#21 AR-1248-1

R.T.: 5.331 min
Delta R.T.: 0.003 min
Response: 1371610
Conc: 8.66 ng/ml



#21 AR-1248-1

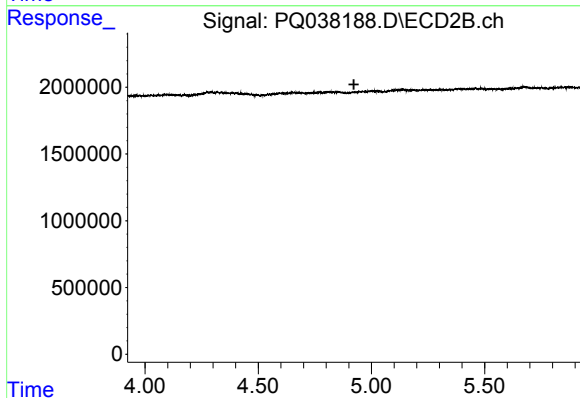
R.T.: 0.000 min
Exp R.T. : 4.694 min
Response: 0
Conc: N.D.



#22 AR-1248-2

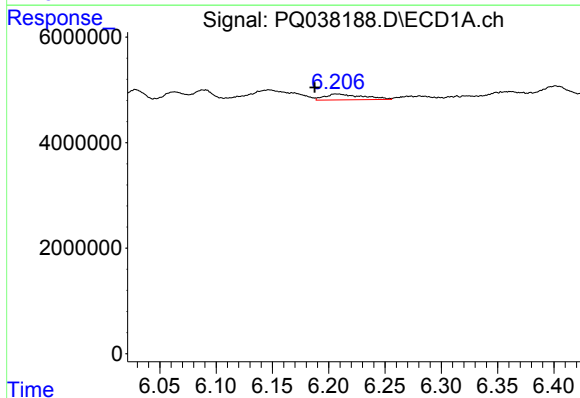
R.T.: 5.575 min
Delta R.T.: -0.015 min
Response: 5191033
Conc: 23.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



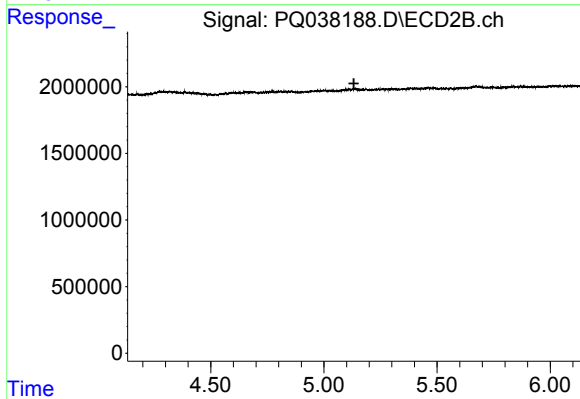
#22 AR-1248-2

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



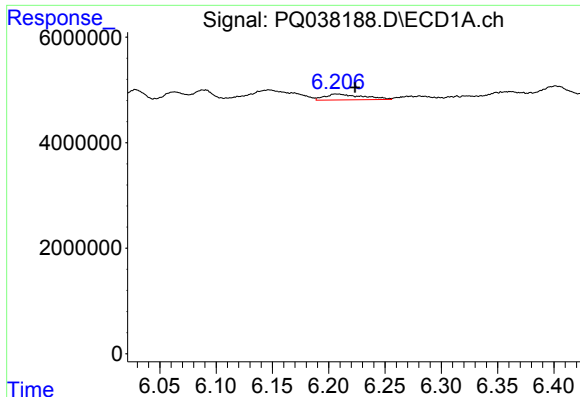
#24 AR-1248-4

R.T.: 6.208 min
Delta R.T.: 0.020 min
Response: 2593593
Conc: 9.27 ng/ml



#24 AR-1248-4

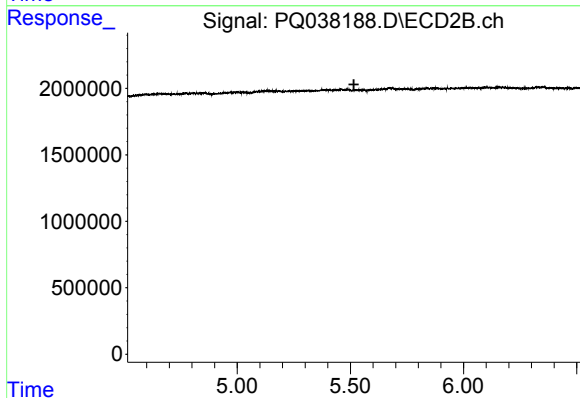
R.T.: 0.000 min
Exp R.T. : 5.133 min
Response: 0
Conc: N.D.



#25 AR-1248-5

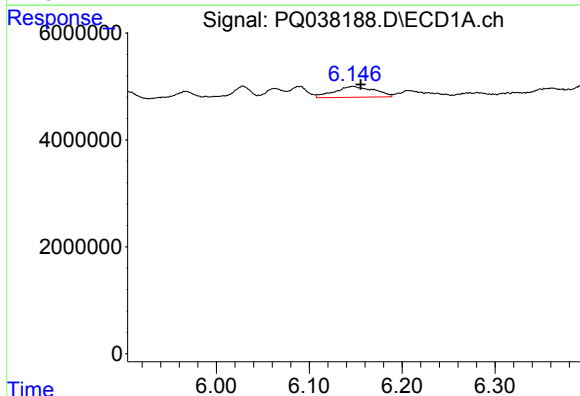
R.T.: 6.208 min
Delta R.T.: -0.016 min
Response: 2593593
Conc: 9.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



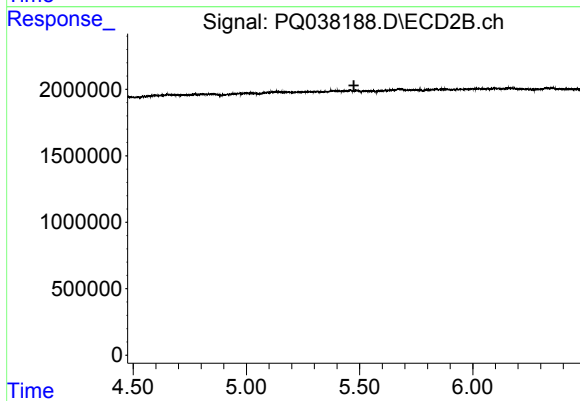
#25 AR-1248-5

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



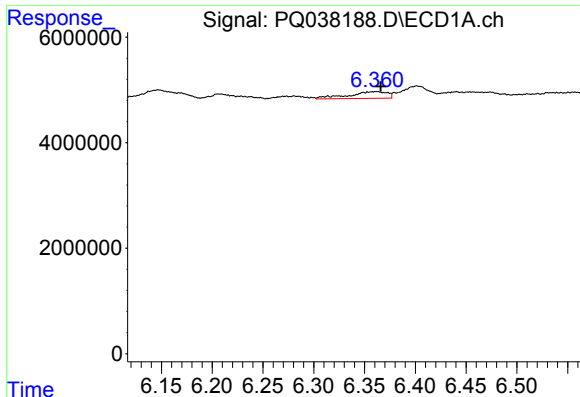
#26 AR-1254-1

R.T.: 6.147 min
Delta R.T.: -0.009 min
Response: 6023757
Conc: 30.66 ng/ml



#26 AR-1254-1

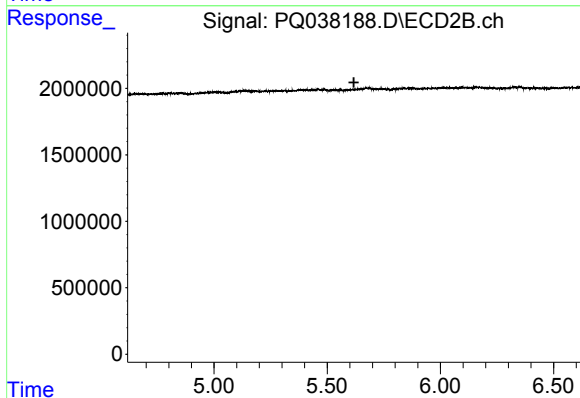
R.T.: 0.000 min
Exp R.T. : 5.475 min
Response: 0
Conc: N.D.



#27 AR-1254-2

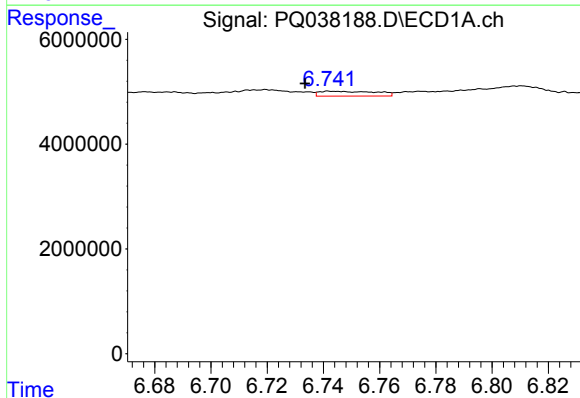
R.T.: 6.361 min
Delta R.T.: -0.005 min
Response: 3432410
Conc: 11.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



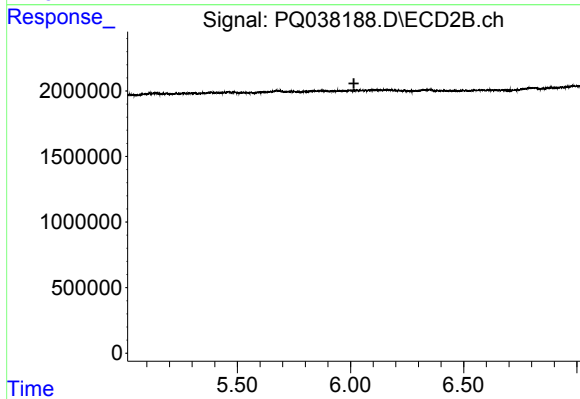
#27 AR-1254-2

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



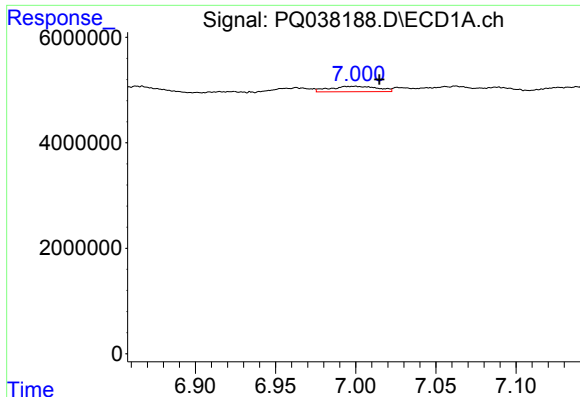
#28 AR-1254-3

R.T.: 6.744 min
Delta R.T.: 0.010 min
Response: 1300555
Conc: 4.18 ng/ml



#28 AR-1254-3

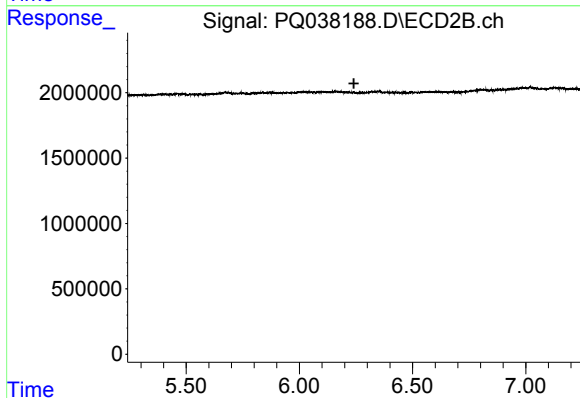
R.T.: 0.000 min
Exp R.T. : 6.015 min
Response: 0
Conc: N.D.



#29 AR-1254-4

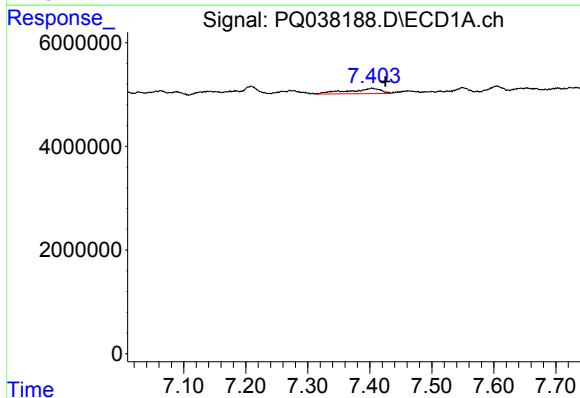
R.T.: 6.998 min
Delta R.T.: -0.017 min
Response: 2099027
Conc: 8.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



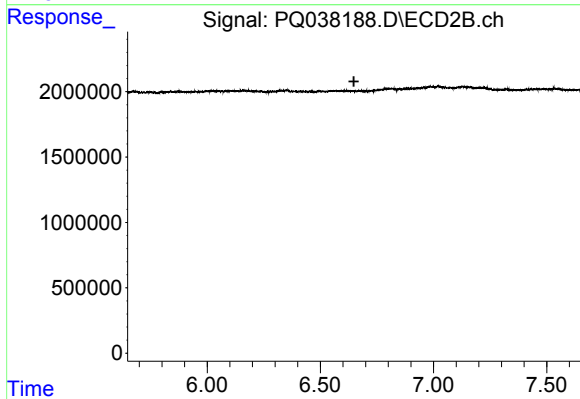
#29 AR-1254-4

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



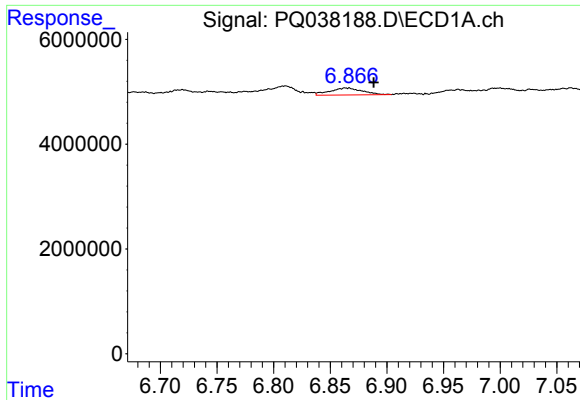
#30 AR-1254-5

R.T.: 7.404 min
Delta R.T.: -0.022 min
Response: 3781377
Conc: 12.82 ng/ml



#30 AR-1254-5

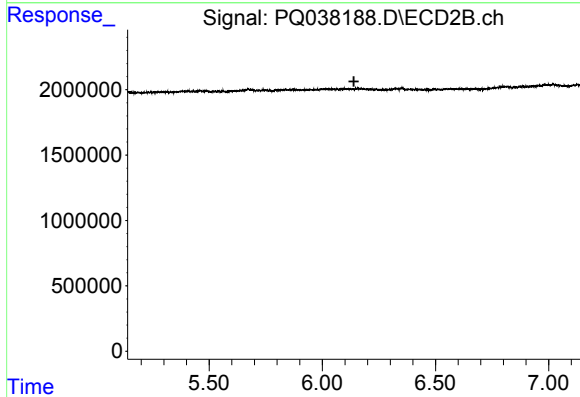
R.T.: 0.000 min
Exp R.T. : 6.648 min
Response: 0
Conc: N.D.



#31 AR-1260-1

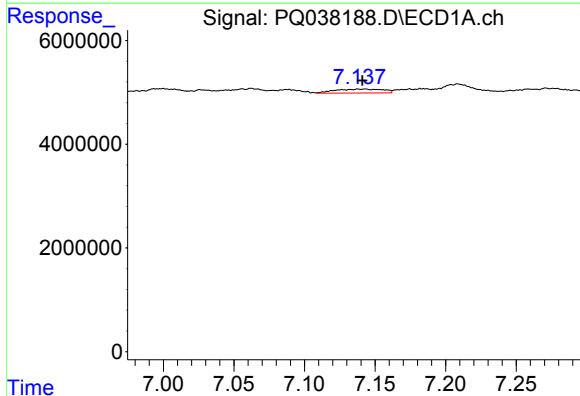
R.T.: 6.864 min
Delta R.T.: -0.024 min
Response: 2627614
Conc: 10.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



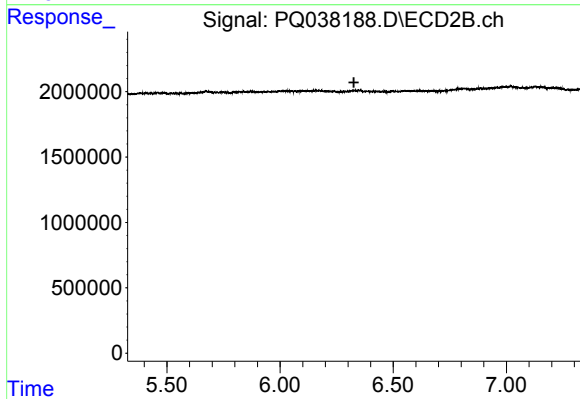
#31 AR-1260-1

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



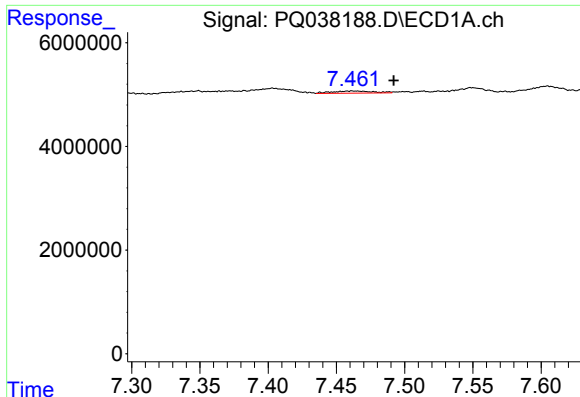
#32 AR-1260-2

R.T.: 7.141 min
Delta R.T.: 0.000 min
Response: 1800261
Conc: 5.22 ng/ml



#32 AR-1260-2

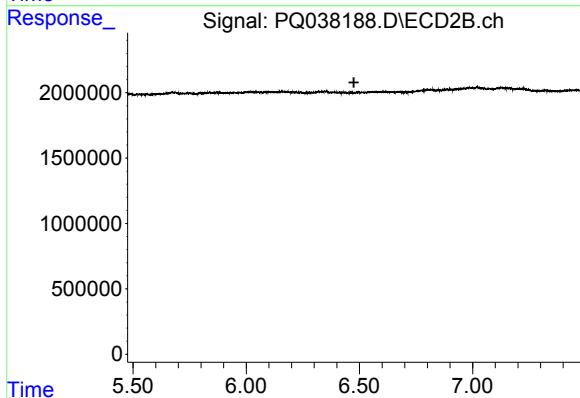
R.T.: 0.000 min
Exp R.T. : 6.326 min
Response: 0
Conc: N.D.



#33 AR-1260-3

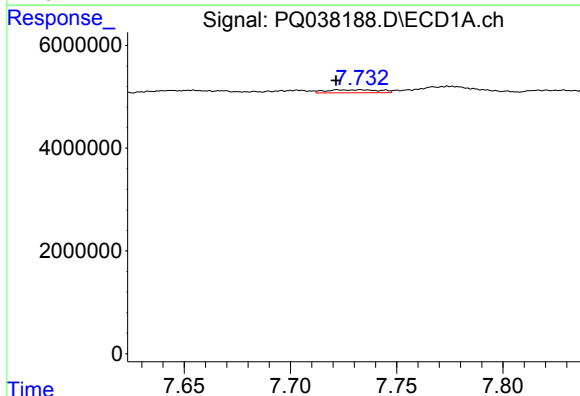
R.T.: 7.462 min
Delta R.T.: -0.030 min
Response: 867723
Conc: 3.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



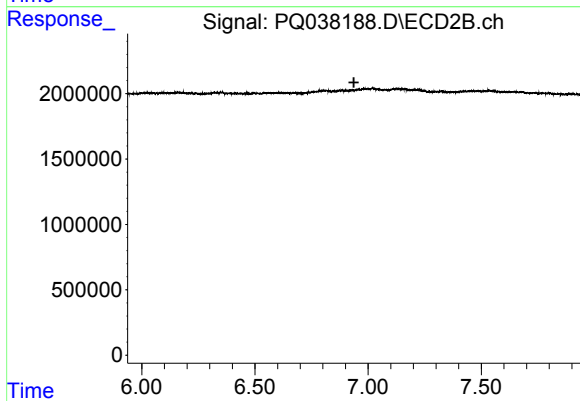
#33 AR-1260-3

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



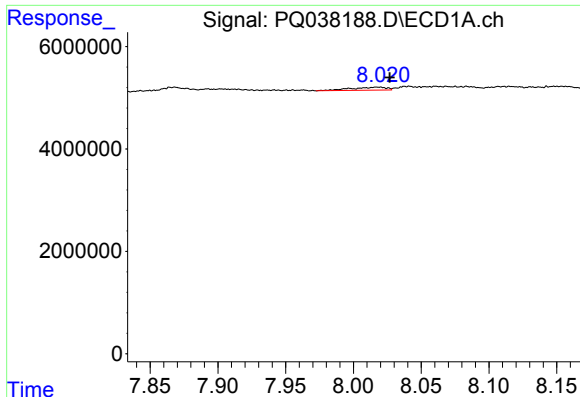
#34 AR-1260-4

R.T.: 7.733 min
Delta R.T.: 0.011 min
Response: 1012683
Conc: 3.76 ng/ml



#34 AR-1260-4

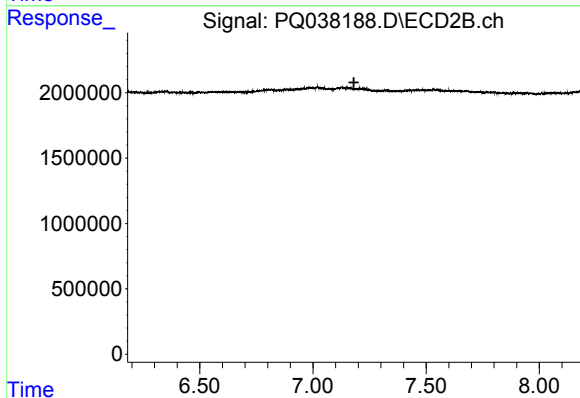
R.T.: 0.000 min
Exp R.T. : 6.937 min
Response: 0
Conc: N.D.



#35 AR-1260-5

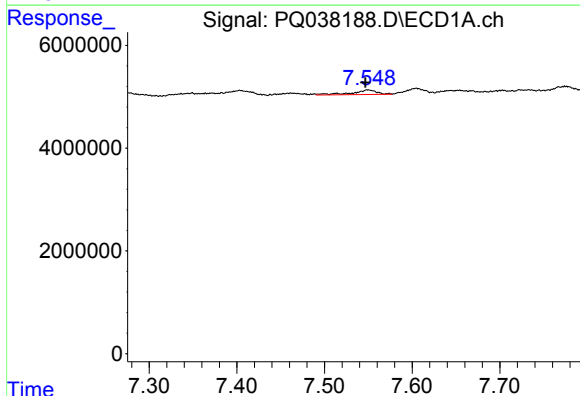
R.T.: 8.018 min
Delta R.T.: -0.009 min
Response: 1099033
Conc: 1.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



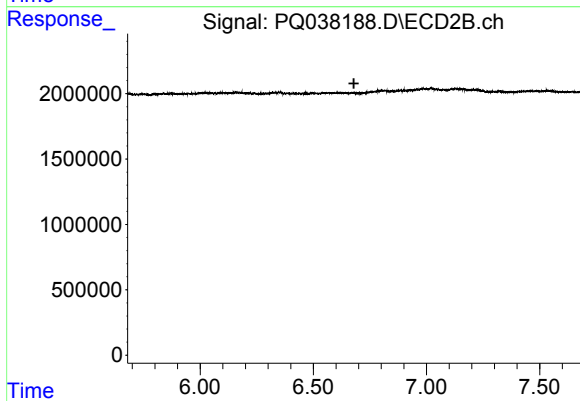
#35 AR-1260-5

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



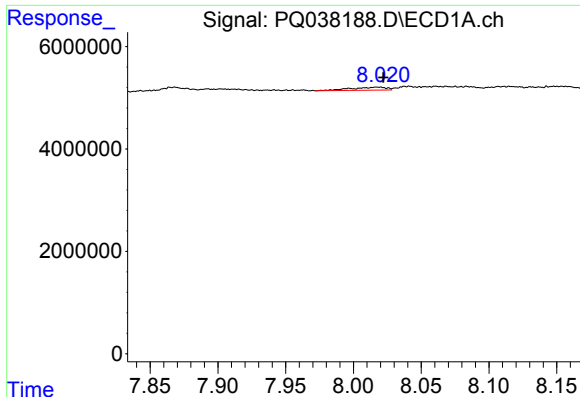
#36 AR-1262-1

R.T.: 7.550 min
Delta R.T.: 0.003 min
Response: 1726996
Conc: 11.18 ng/ml



#36 AR-1262-1

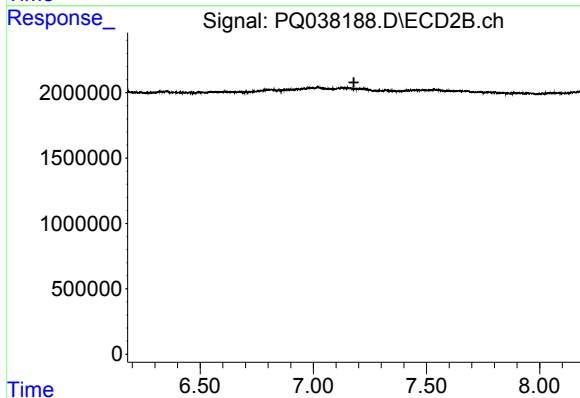
R.T.: 0.000 min
Exp R.T. : 6.679 min
Response: 0
Conc: N.D.



#37 AR-1262-2

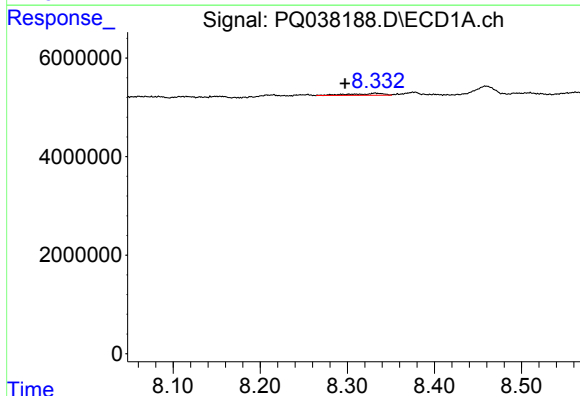
R.T.: 8.018 min
Delta R.T.: -0.004 min
Response: 1099033
Conc: 1.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



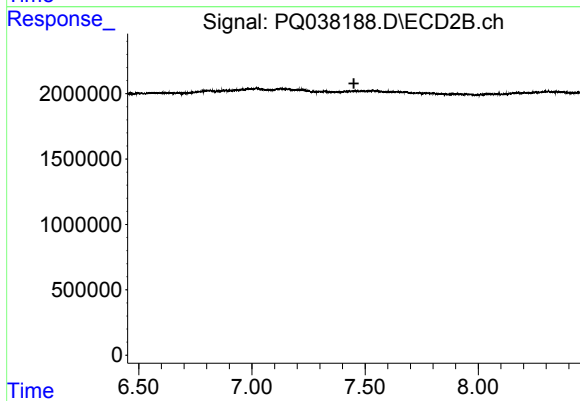
#37 AR-1262-2

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



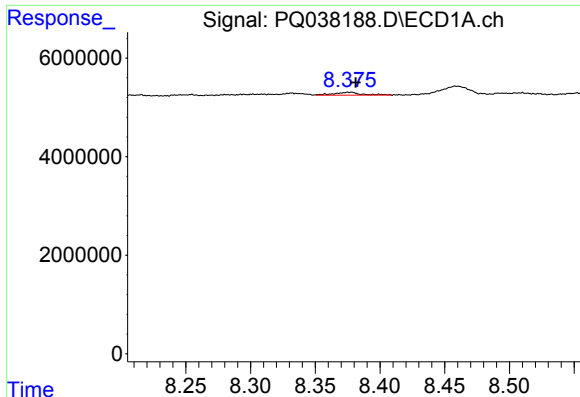
#38 AR-1262-3

R.T.: 8.332 min
Delta R.T.: 0.035 min
Response: 1116263
Conc: 3.72 ng/ml



#38 AR-1262-3

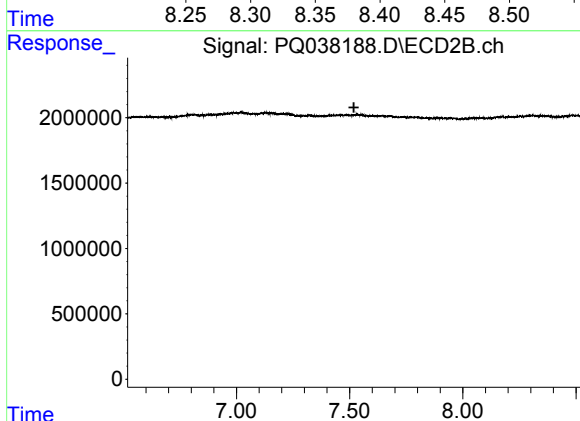
R.T.: 0.000 min
Exp R.T. : 7.450 min
Response: 0
Conc: N.D.



#39 AR-1262-4

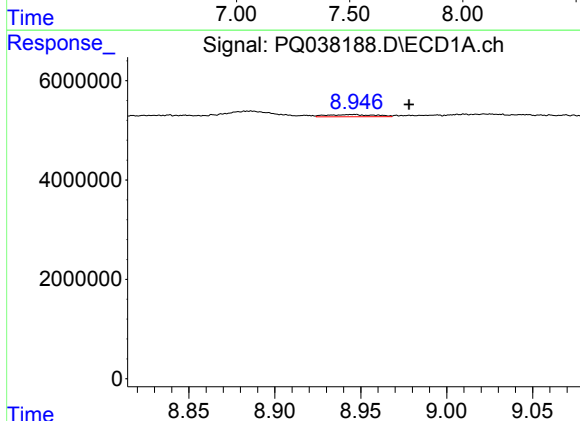
R.T.: 8.376 min
Delta R.T.: -0.005 min
Response: 906680
Conc: 2.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



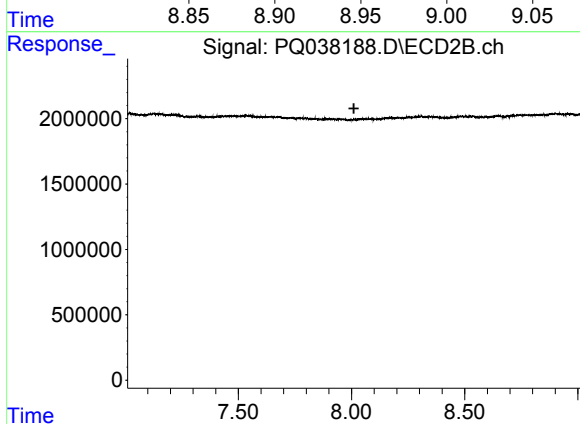
#39 AR-1262-4

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



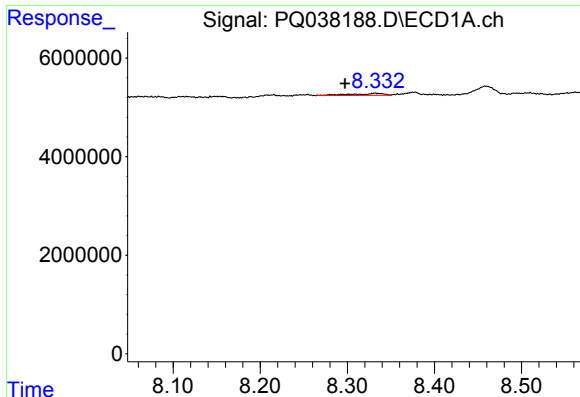
#40 AR-1262-5

R.T.: 8.945 min
Delta R.T.: -0.033 min
Response: 814755
Conc: 3.41 ng/ml



#40 AR-1262-5

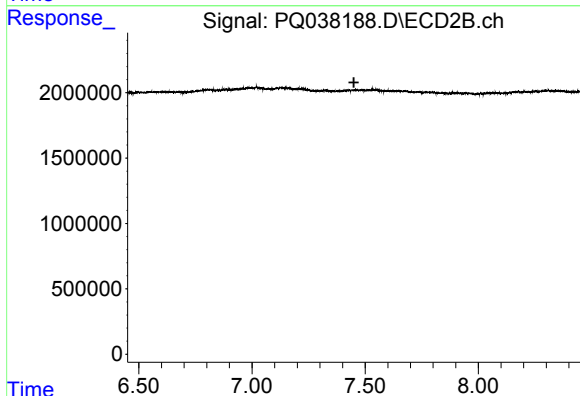
R.T.: 0.000 min
Exp R.T. : 8.011 min
Response: 0
Conc: N.D.



#41 AR-1268-1

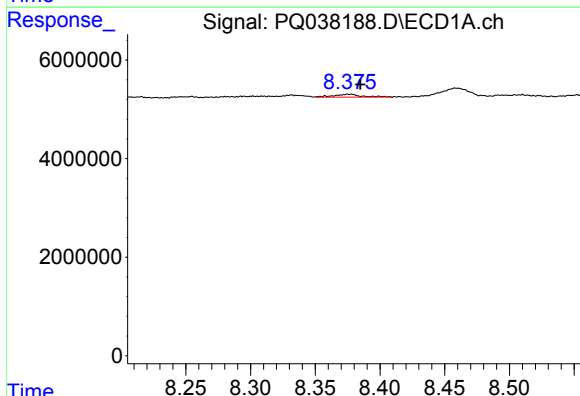
R.T.: 8.332 min
Delta R.T.: 0.035 min
Response: 1116263
Conc: 1.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



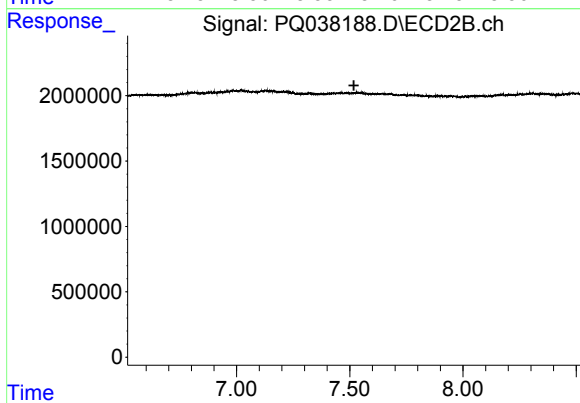
#41 AR-1268-1

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



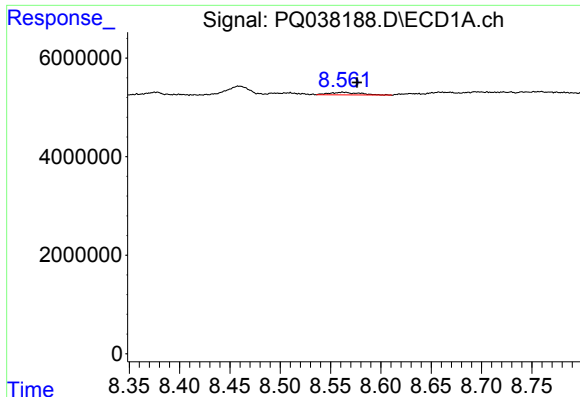
#42 AR-1268-2

R.T.: 8.376 min
Delta R.T.: -0.009 min
Response: 906680
Conc: 1.21 ng/ml



#42 AR-1268-2

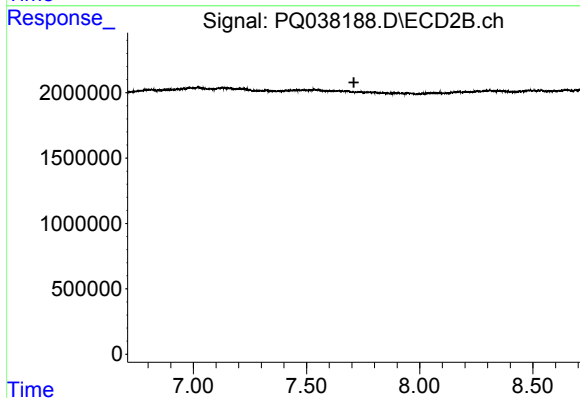
R.T.: 0.000 min
Exp R.T. : 7.518 min
Response: 0
Conc: N.D.



#43 AR-1268-3

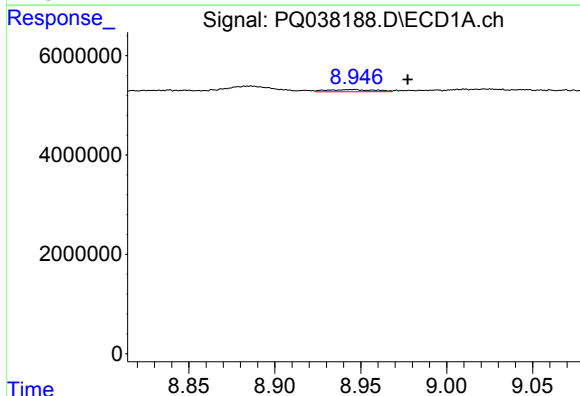
R.T.: 8.563 min
Delta R.T.: -0.014 min
Response: 1092123
Conc: 1.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



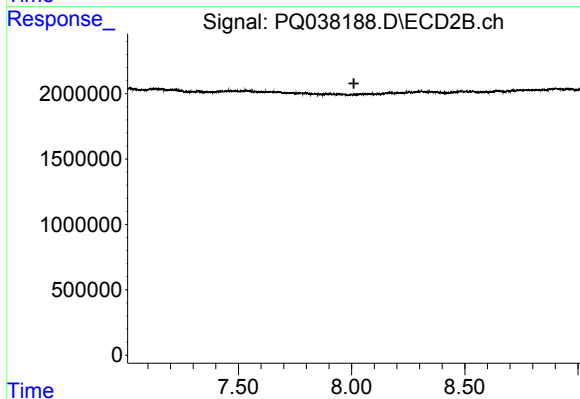
#43 AR-1268-3

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



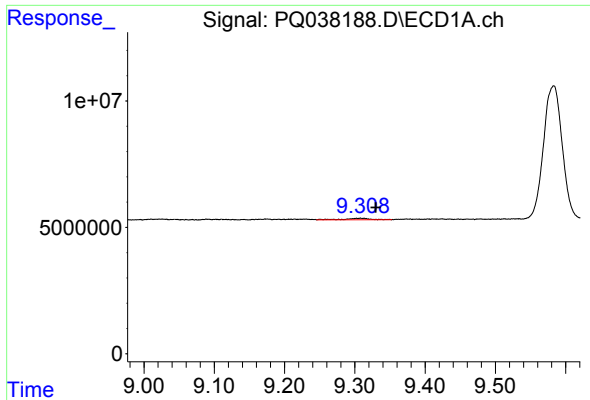
#44 AR-1268-4

R.T.: 8.945 min
Delta R.T.: -0.032 min
Response: 814755
Conc: 3.15 ng/ml



#44 AR-1268-4

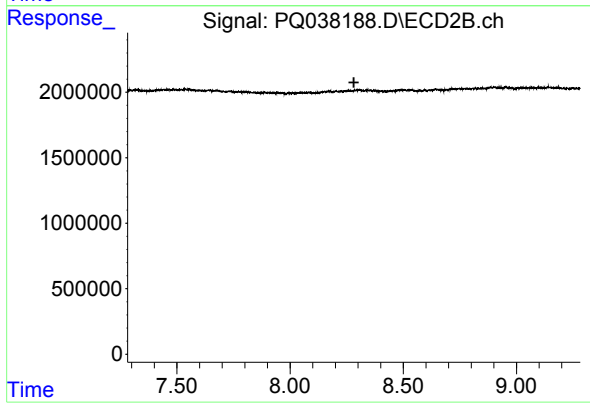
R.T.: 0.000 min
Exp R.T. : 8.010 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.308 min
Delta R.T.: -0.022 min
Response: 1485141
Conc: 0.76 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.