

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032119\
 Data File : PQ038028.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Mar 2019 13:48
 Operator : SM\SJ
 Sample : K1935-08
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 SB-2(10-11)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 14:48:00 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...	4.182	3.635	73229765	35538431	12.585	11.507
2)	SA Decachlor...	9.596	8.507	30691940	14951974	6.366	6.679
Target Compounds							
3)	L1 AR-1016-1	5.376	0.000	273921	0	1.361	N.D. #
4)	L1 AR-1016-2	5.376	0.000	273921	0	0.873	N.D. #
5)	L1 AR-1016-3	5.404	0.000	566514	0	3.111	N.D. #
6)	L1 AR-1016-4	5.498	0.000	1364401	0	9.121	N.D. #
7)	L1 AR-1016-5	5.777	0.000	179513	0	1.236	N.D. #
8)	L2 AR-1221-1	4.446	0.000	743076	0	11.711	N.D. #
9)	L2 AR-1221-2	4.483	0.000	2076581	0	44.890	N.D. #
10)	L2 AR-1221-3	4.572	0.000	1001127	0	6.550	N.D. #
11)	L3 AR-1232-1	4.572	0.000	1001127	0	8.044	N.D. #
12)	L3 AR-1232-2	5.074	0.000	1875575	0	31.851	N.D. #
13)	L3 AR-1232-3	5.376	0.000	273921	0	2.218	N.D. #
14)	L3 AR-1232-4	5.498	0.000	1364401	0	23.426	N.D. #
15)	L3 AR-1232-5	5.582	0.000	3862734	0	90.357	N.D. #
16)	L4 AR-1242-1	5.376	0.000	273921	0	1.667	N.D. #
17)	L4 AR-1242-2	5.376	0.000	273921	0	1.074	N.D. #
18)	L4 AR-1242-3	5.404	0.000	566514	0	3.841	N.D. #
19)	L4 AR-1242-4	5.498	0.000	1364401	0	11.146	N.D. #
20)	L4 AR-1242-5	6.217	0.000	4544884	0	33.263	N.D. #
21)	L5 AR-1248-1	5.376	0.000	273921	0	1.730	N.D. #
22)	L5 AR-1248-2	5.582	0.000	3862734	0	17.648	N.D. #
23)	L5 AR-1248-3	5.777	0.000	179513	0	0.731	N.D. #
24)	L5 AR-1248-4	6.217	0.000	4544884	0	16.249	N.D. #
25)	L5 AR-1248-5	6.217	0.000	4544884	0	17.144	N.D. #
26)	L6 AR-1254-1	6.155	0.000	7716195	0	39.276	N.D. #
27)	L6 AR-1254-2	6.362	5.671	2886737	4589769	9.419	35.375 #
28)	L6 AR-1254-3	6.690	0.000	3903336	0	12.535	N.D. #
29)	L6 AR-1254-4	7.016	6.278	286748	18254799	1.130	113.818 #
30)	L6 AR-1254-5	7.404	0.000	345718	0	1.172	N.D. #
31)	L7 AR-1260-1	6.924	6.098	490052	13890721	1.892	89.501 #
32)	L7 AR-1260-2	7.139	6.339	793605	5562237	2.302	29.481 #
33)	L7 AR-1260-3	7.496	0.000	1528109	0	5.388	N.D. #
34)	L7 AR-1260-4	7.714	6.931	3000456	10570682	11.145	75.797 #
35)	L7 AR-1260-5	8.030	0.000	782472	0	1.242	N.D. #
36)	L8 AR-1262-1	7.560	6.728	3682379	25901367	23.844	122.625 #
37)	L8 AR-1262-2	8.017	0.000	1538199	0	2.193	N.D. #
38)	L8 AR-1262-3	8.319	0.000	266444	0	0.889	N.D. #
39)	L8 AR-1262-4	8.353	0.000	400162	0	1.154	N.D. #
40)	L8 AR-1262-5	8.975	0.000	649843	0	2.720	N.D. #
41)	L9 AR-1268-1	8.319	0.000	266444	0	0.324	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032119\
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 Operator : SM\SJ
 Sample : K1935-08
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

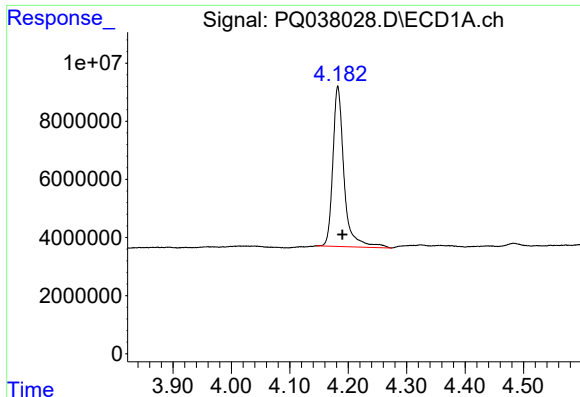
Instrument :
 ECD_Q
 ClientSampleId :
 SB-2(10-11)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 14:48:00 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032019.M
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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
42)	L9 AR-1268-2	8.353	0.000	400162	0	0.536	N.D.	#
43)	L9 AR-1268-3	8.569	0.000	1234235	0	1.882	N.D.	#
44)	L9 AR-1268-4	8.975	0.000	649843	0	2.510	N.D.	#
45)	L9 AR-1268-5	9.324	0.000	708817	0	0.363	N.D.	#

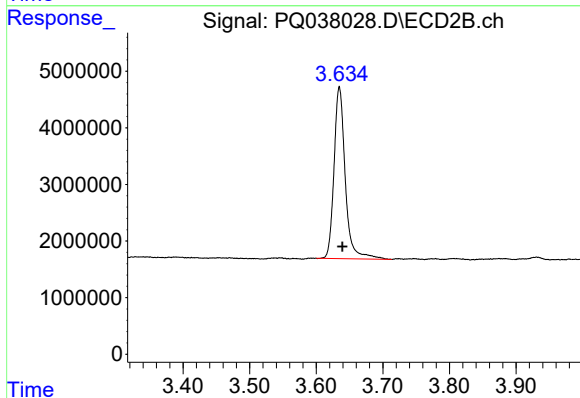
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

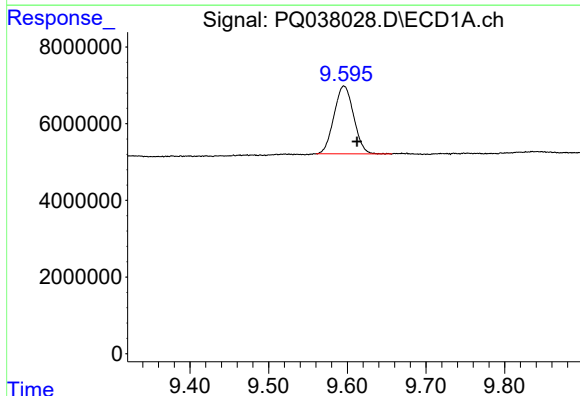
R.T.: 4.182 min
Delta R.T.: -0.008 min
Response: 73229765
Conc: 12.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-2(10-11)



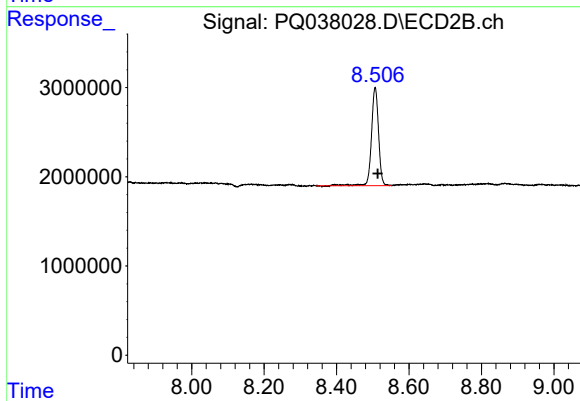
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: -0.004 min
Response: 35538431
Conc: 11.51 ng/ml



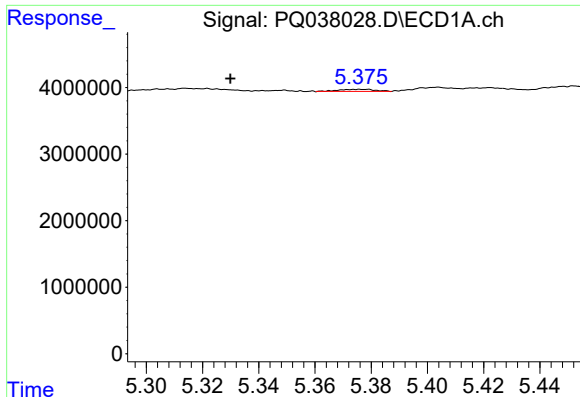
#2 Decachlorobiphenyl

R.T.: 9.596 min
Delta R.T.: -0.017 min
Response: 30691940
Conc: 6.37 ng/ml



#2 Decachlorobiphenyl

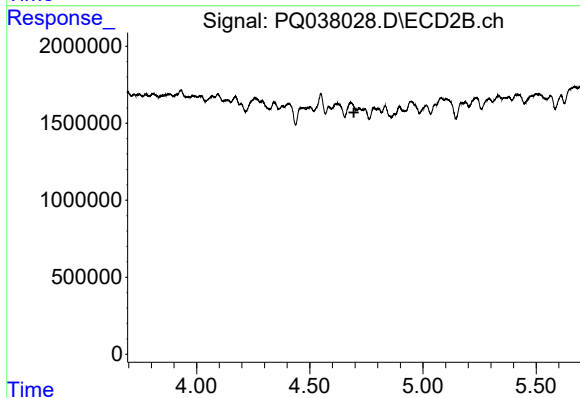
R.T.: 8.507 min
Delta R.T.: -0.008 min
Response: 14951974
Conc: 6.68 ng/ml



#3 AR-1016-1

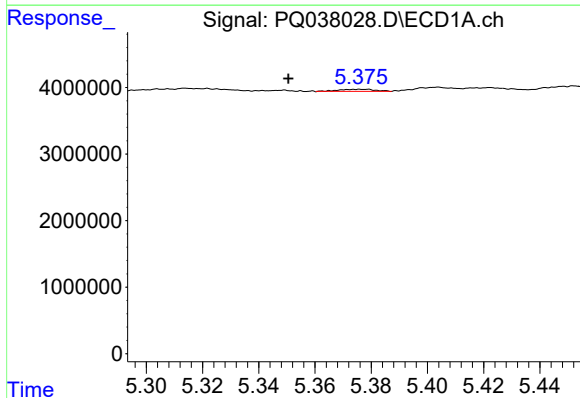
R.T.: 5.376 min
Delta R.T.: 0.046 min
Response: 273921
Conc: 1.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-2(10-11)



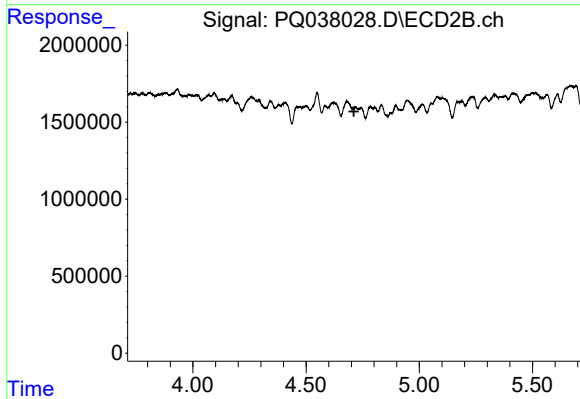
#3 AR-1016-1

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



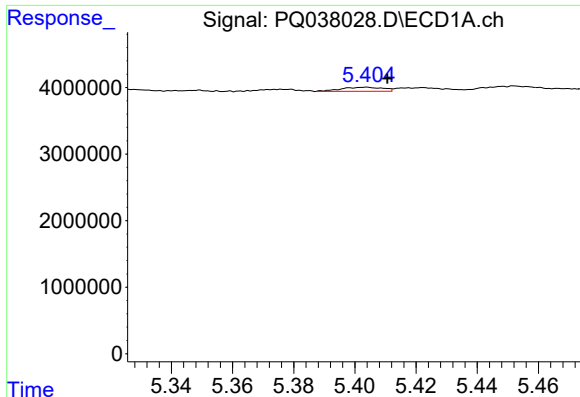
#4 AR-1016-2

R.T.: 5.376 min
Delta R.T.: 0.026 min
Response: 273921
Conc: 0.87 ng/ml



#4 AR-1016-2

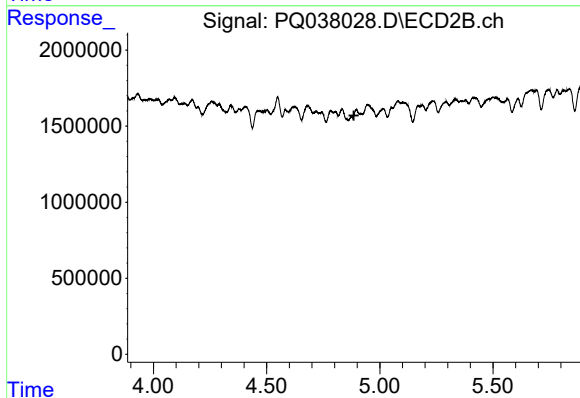
R.T.: 0.000 min
Exp R.T. : 4.711 min
Response: 0
Conc: N.D.



#5 AR-1016-3

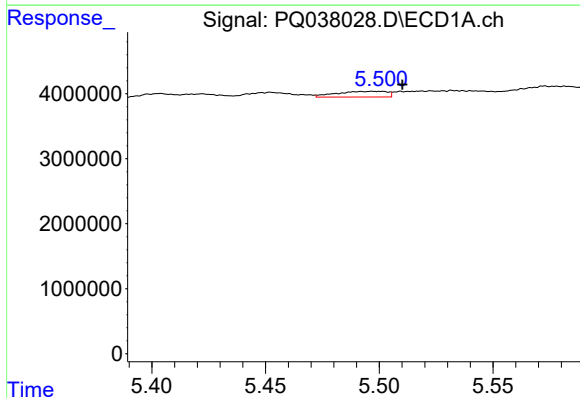
R.T.: 5.404 min
Delta R.T.: -0.007 min
Response: 566514
Conc: 3.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-2(10-11)



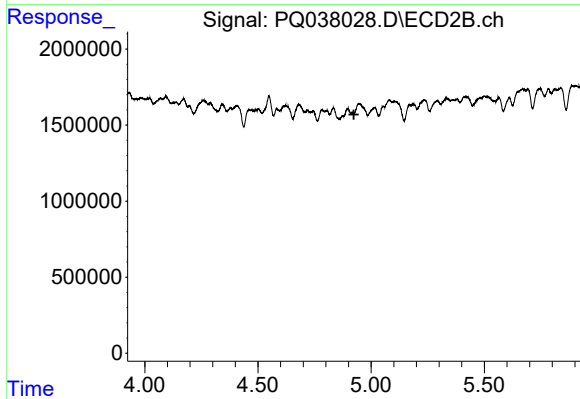
#5 AR-1016-3

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



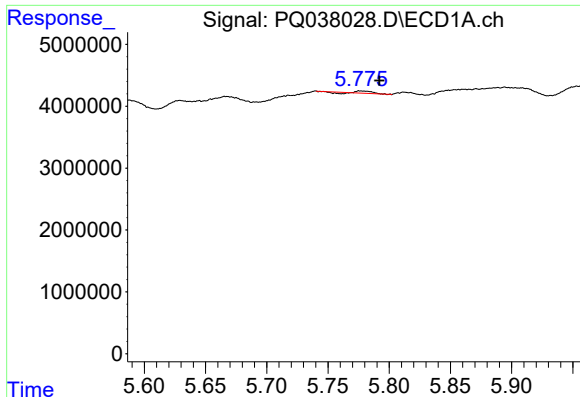
#6 AR-1016-4

R.T.: 5.498 min
Delta R.T.: -0.013 min
Response: 1364401
Conc: 9.12 ng/ml



#6 AR-1016-4

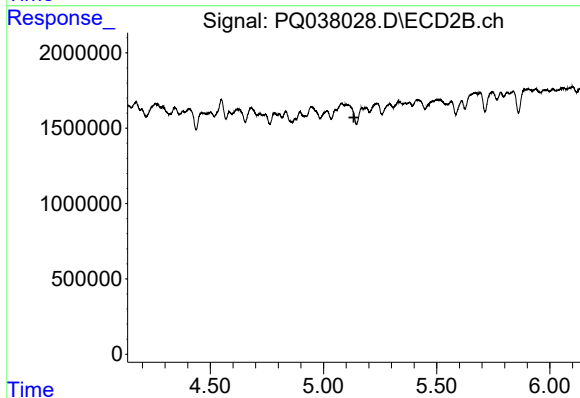
R.T.: 0.000 min
Exp R.T. : 4.924 min
Response: 0
Conc: N.D.



#7 AR-1016-5

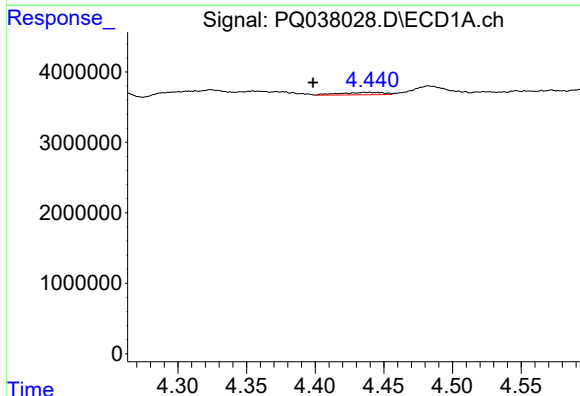
R.T.: 5.777 min
Delta R.T.: -0.015 min
Response: 179513
Conc: 1.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-2(10-11)



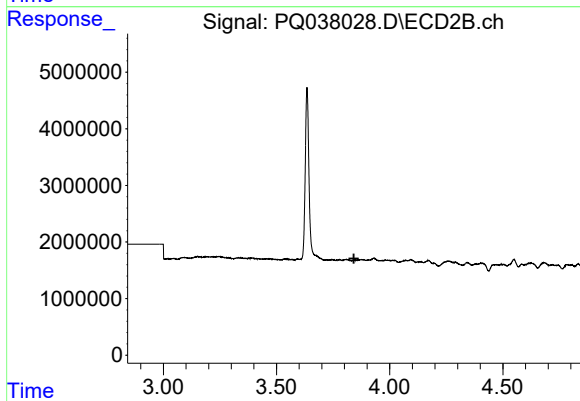
#7 AR-1016-5

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



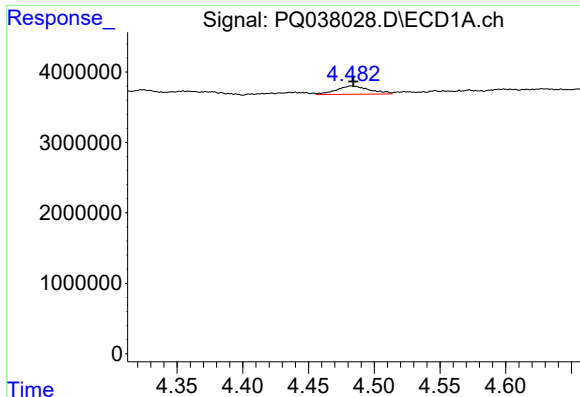
#8 AR-1221-1

R.T.: 4.446 min
Delta R.T.: 0.047 min
Response: 743076
Conc: 11.71 ng/ml



#8 AR-1221-1

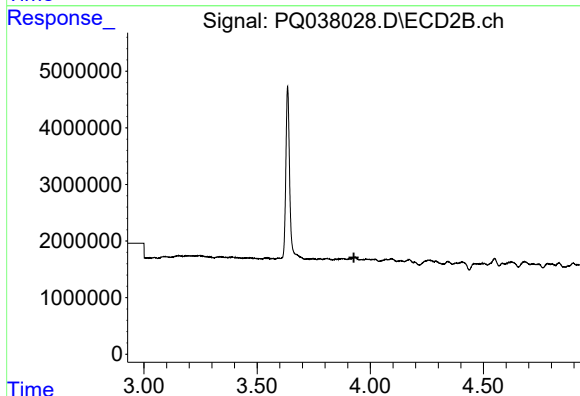
R.T.: 0.000 min
Exp R.T. : 3.842 min
Response: 0
Conc: N.D.



#9 AR-1221-2

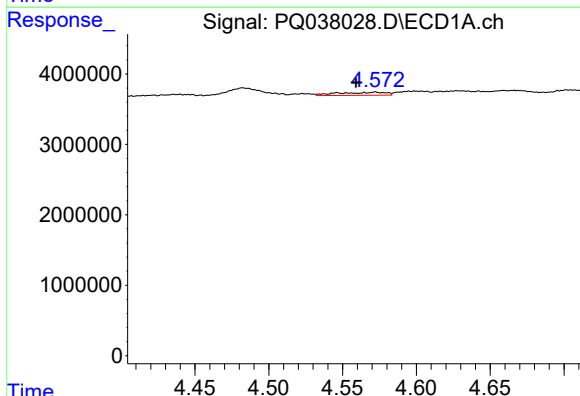
R.T.: 4.483 min
Delta R.T.: -0.002 min
Response: 2076581
Conc: 44.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-2(10-11)



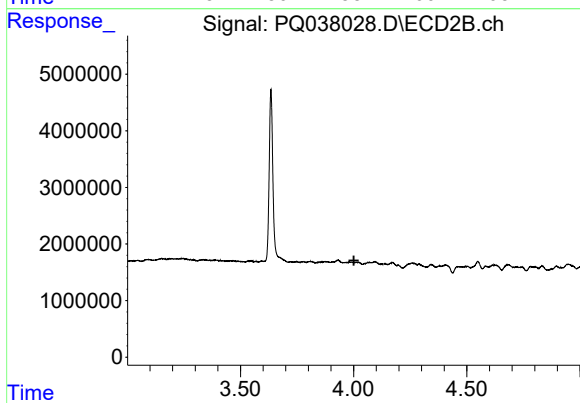
#9 AR-1221-2

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



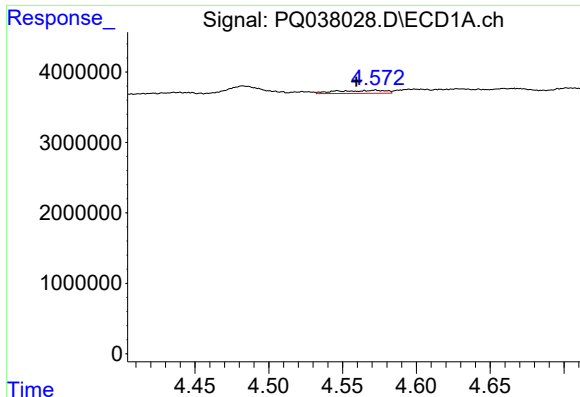
#10 AR-1221-3

R.T.: 4.572 min
Delta R.T.: 0.013 min
Response: 1001127
Conc: 6.55 ng/ml



#10 AR-1221-3

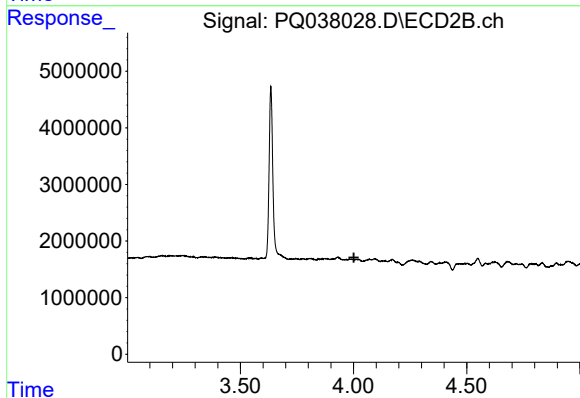
R.T.: 0.000 min
Exp R.T. : 4.001 min
Response: 0
Conc: N.D.



#11 AR-1232-1

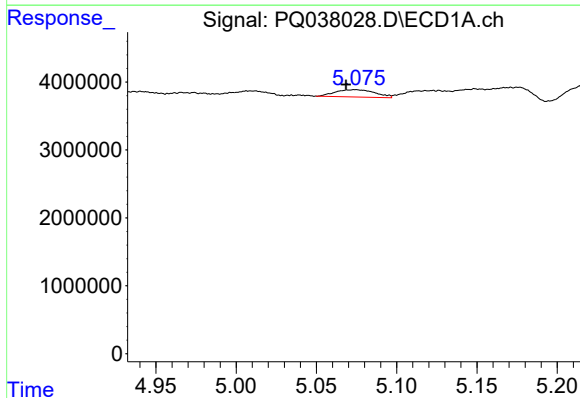
R.T.: 4.572 min
Delta R.T.: 0.013 min
Response: 1001127
Conc: 8.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-2(10-11)



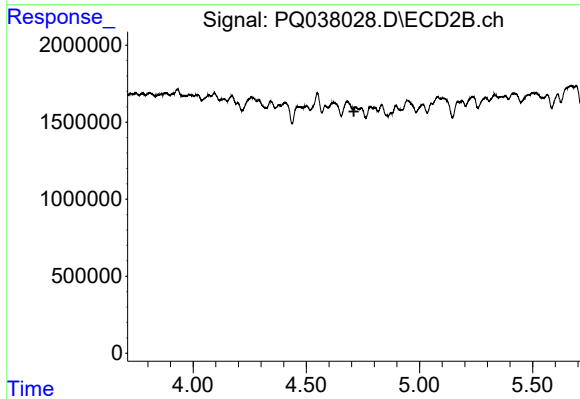
#11 AR-1232-1

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



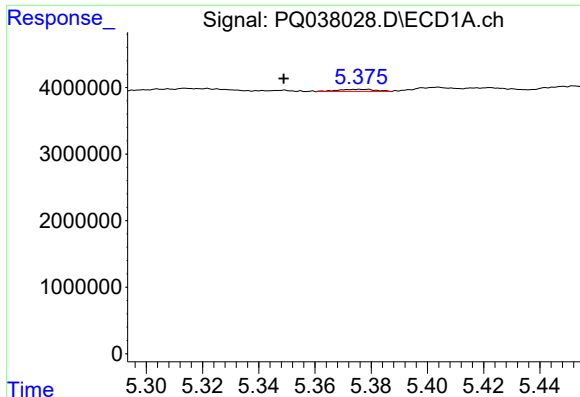
#12 AR-1232-2

R.T.: 5.074 min
Delta R.T.: 0.006 min
Response: 1875575
Conc: 31.85 ng/ml



#12 AR-1232-2

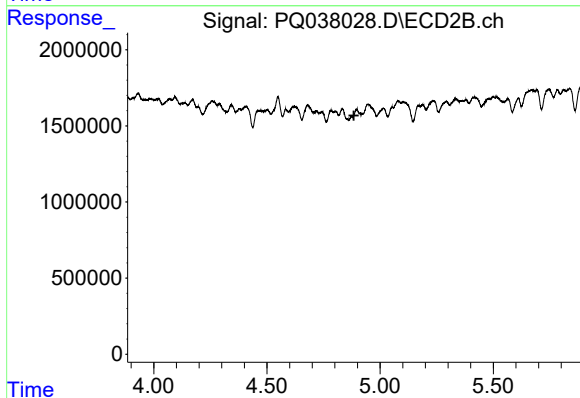
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



#13 AR-1232-3

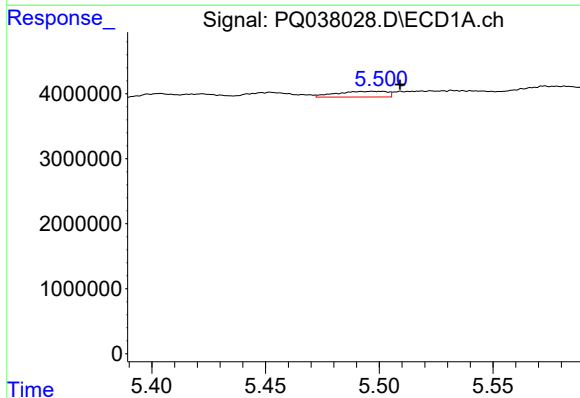
R.T.: 5.376 min
Delta R.T.: 0.028 min
Response: 273921
Conc: 2.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-2(10-11)



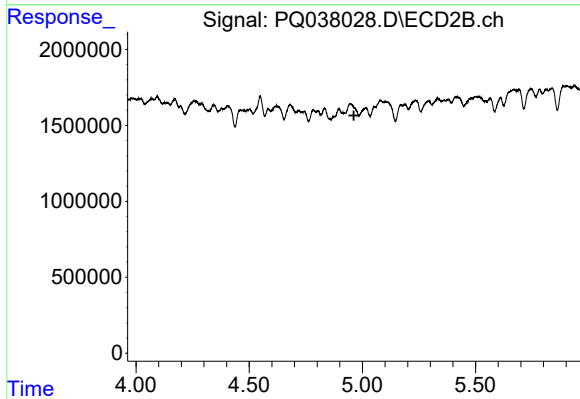
#13 AR-1232-3

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



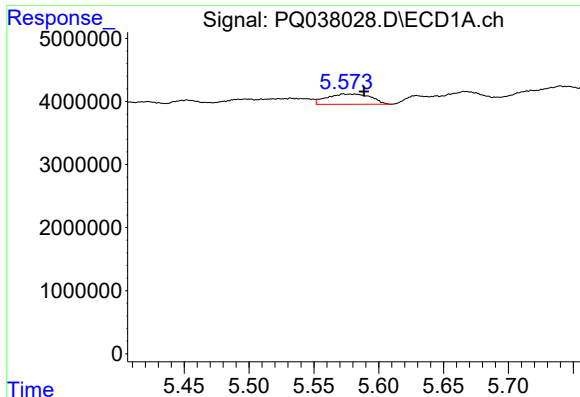
#14 AR-1232-4

R.T.: 5.498 min
Delta R.T.: -0.011 min
Response: 1364401
Conc: 23.43 ng/ml



#14 AR-1232-4

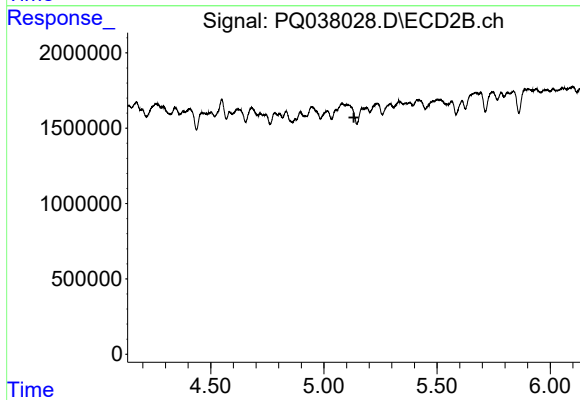
R.T.: 0.000 min
Exp R.T. : 4.962 min
Response: 0
Conc: N.D.



#15 AR-1232-5

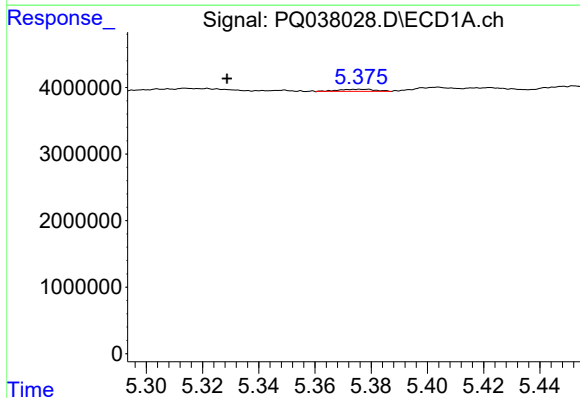
R.T.: 5.582 min
Delta R.T.: -0.007 min
Response: 3862734
Conc: 90.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-2(10-11)



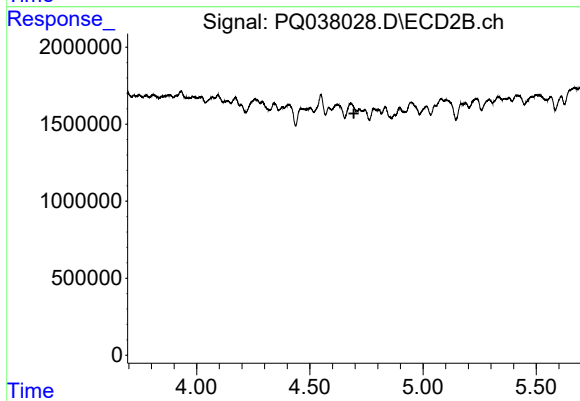
#15 AR-1232-5

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



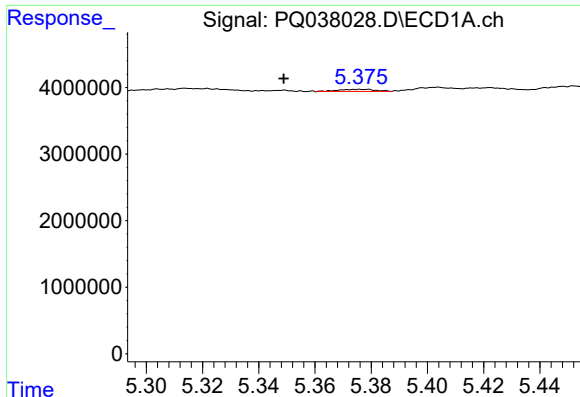
#16 AR-1242-1

R.T.: 5.376 min
Delta R.T.: 0.048 min
Response: 273921
Conc: 1.67 ng/ml



#16 AR-1242-1

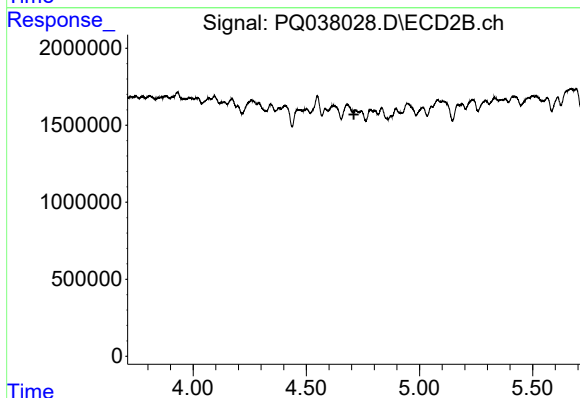
R.T.: 0.000 min
Exp R.T. : 4.694 min
Response: 0
Conc: N.D.



#17 AR-1242-2

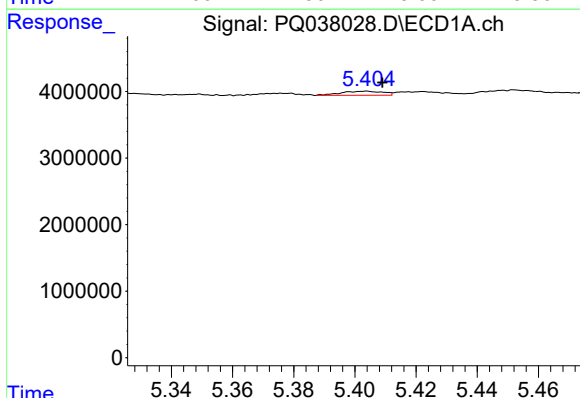
R.T.: 5.376 min
Delta R.T.: 0.027 min
Response: 273921
Conc: 1.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-2(10-11)



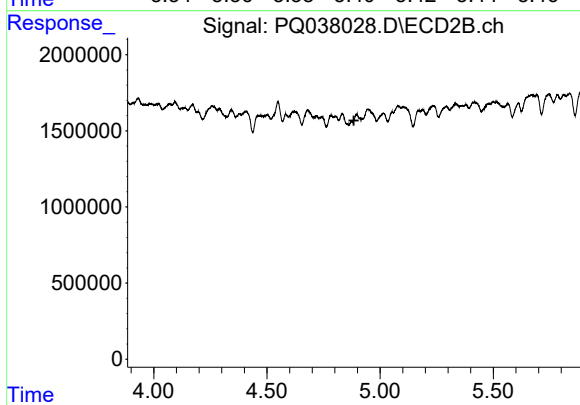
#17 AR-1242-2

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



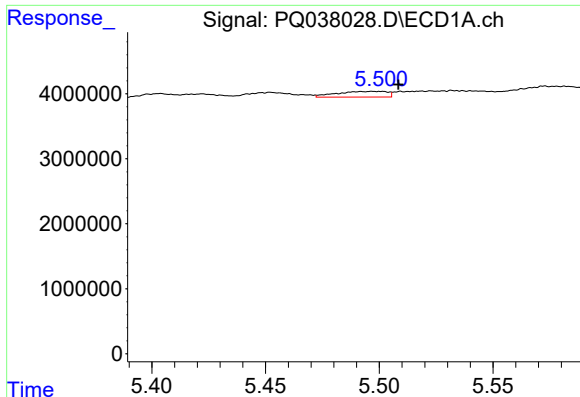
#18 AR-1242-3

R.T.: 5.404 min
Delta R.T.: -0.006 min
Response: 566514
Conc: 3.84 ng/ml



#18 AR-1242-3

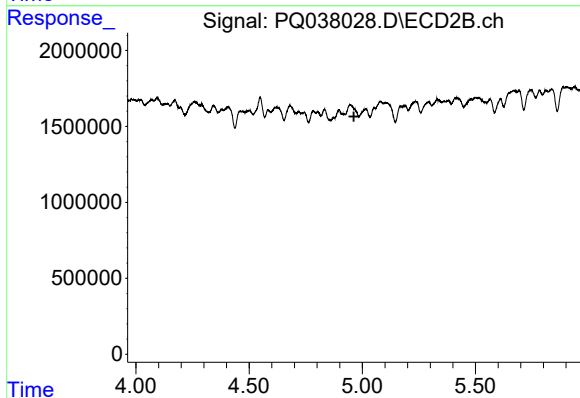
R.T.: 0.000 min
Exp R.T. : 4.884 min
Response: 0
Conc: N.D.



#19 AR-1242-4

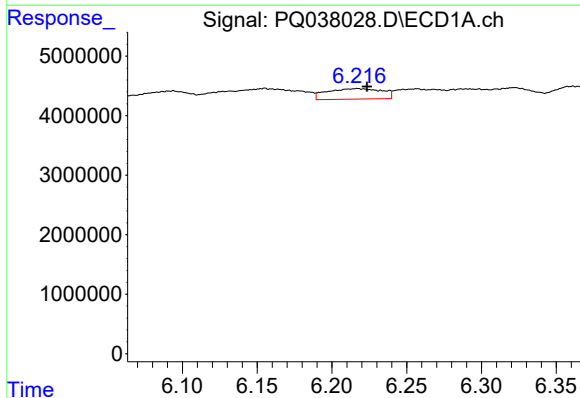
R.T.: 5.498 min
Delta R.T.: -0.011 min
Response: 1364401
Conc: 11.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-2(10-11)



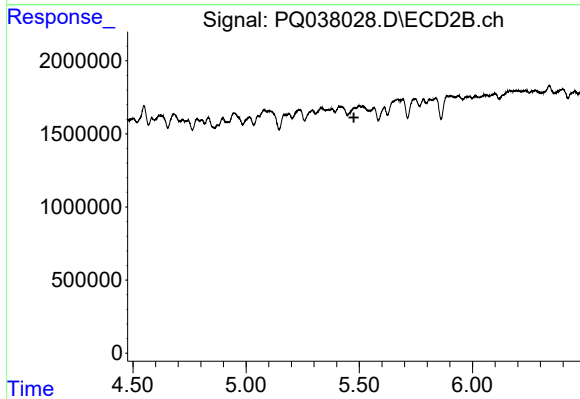
#19 AR-1242-4

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



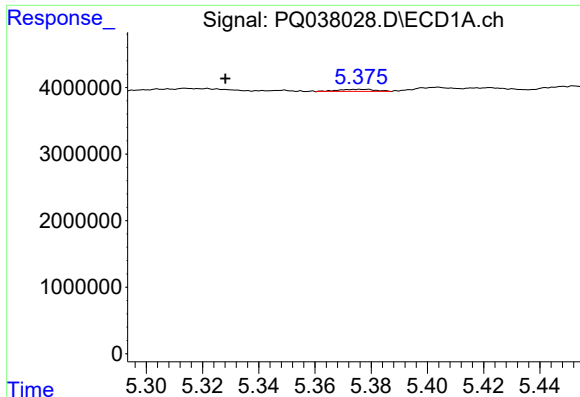
#20 AR-1242-5

R.T.: 6.217 min
Delta R.T.: -0.007 min
Response: 4544884
Conc: 33.26 ng/ml



#20 AR-1242-5

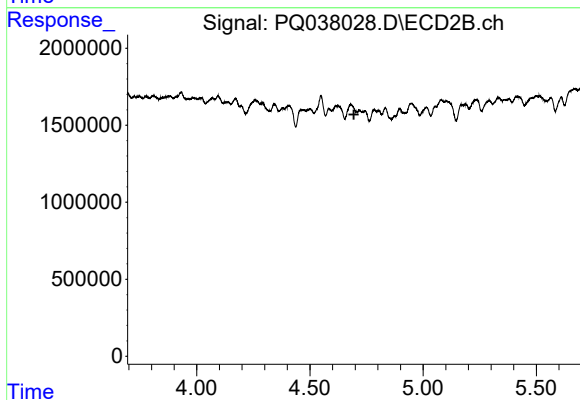
R.T.: 0.000 min
Exp R.T. : 5.476 min
Response: 0
Conc: N.D.



#21 AR-1248-1

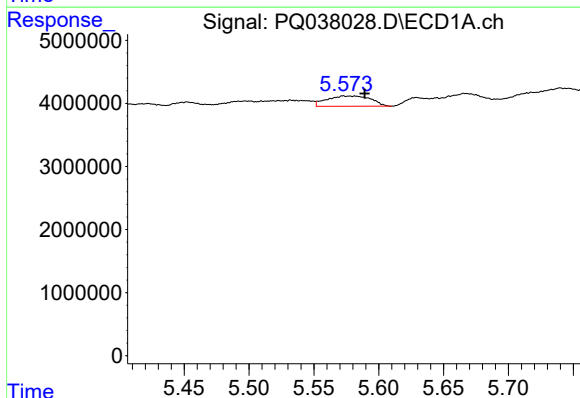
R.T.: 5.376 min
Delta R.T.: 0.048 min
Response: 273921
Conc: 1.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-2(10-11)



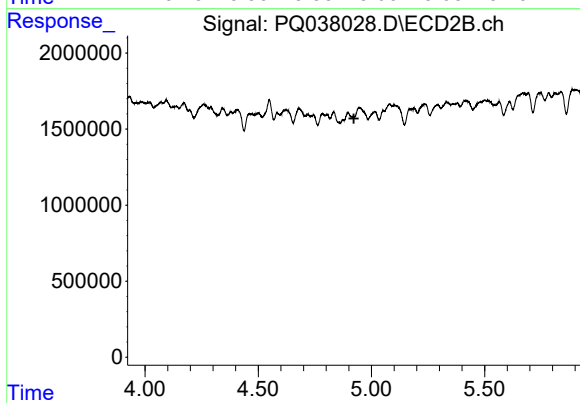
#21 AR-1248-1

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



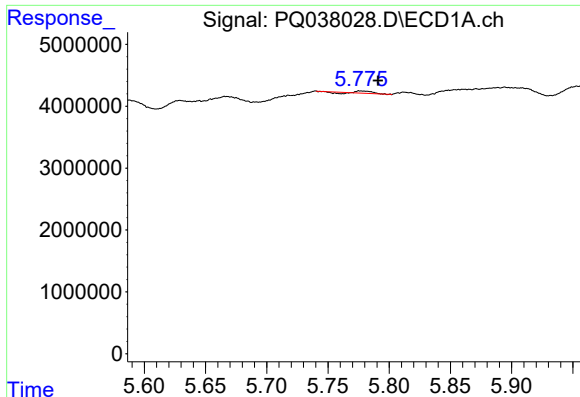
#22 AR-1248-2

R.T.: 5.582 min
Delta R.T.: -0.008 min
Response: 3862734
Conc: 17.65 ng/ml



#22 AR-1248-2

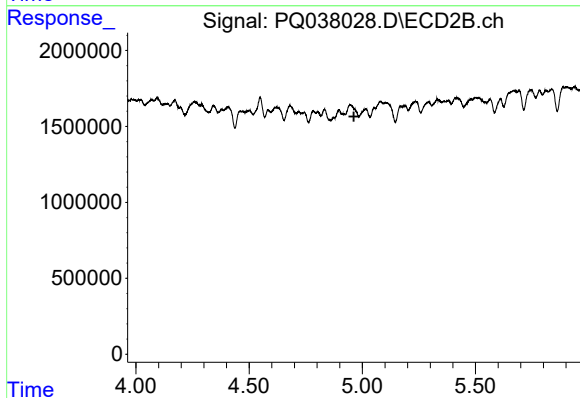
R.T.: 0.000 min
Exp R.T. : 4.923 min
Response: 0
Conc: N.D.



#23 AR-1248-3

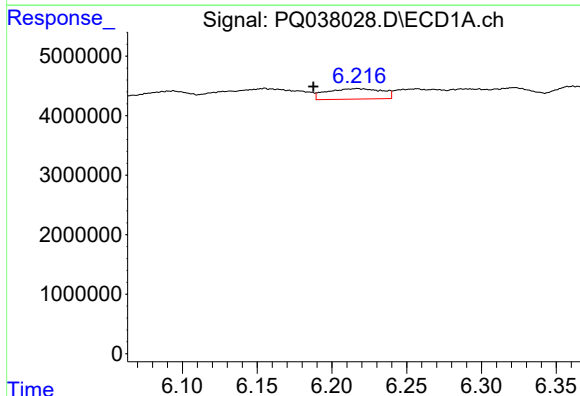
R.T.: 5.777 min
Delta R.T.: -0.014 min
Response: 179513
Conc: 0.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-2(10-11)



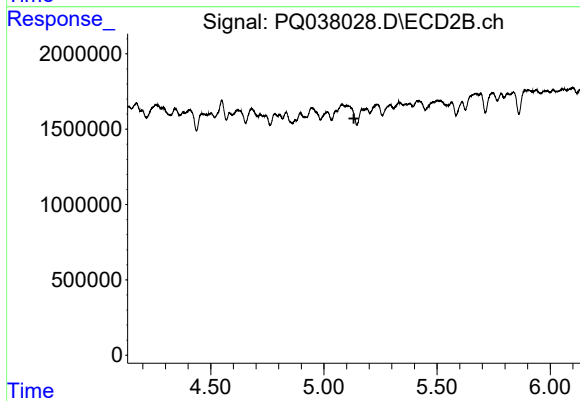
#23 AR-1248-3

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



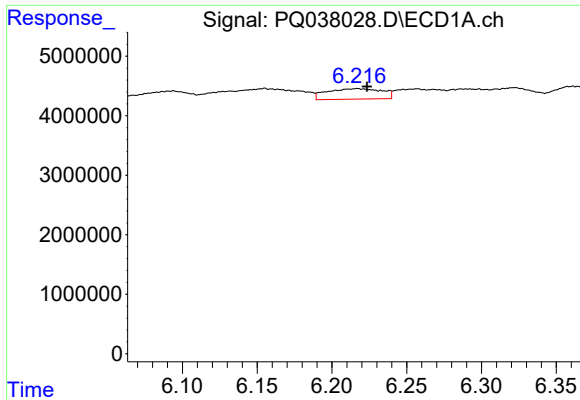
#24 AR-1248-4

R.T.: 6.217 min
Delta R.T.: 0.029 min
Response: 4544884
Conc: 16.25 ng/ml



#24 AR-1248-4

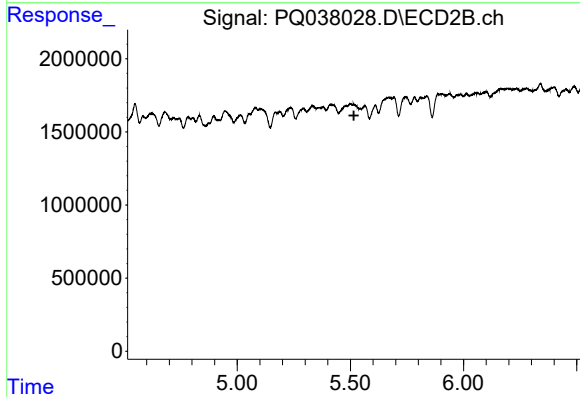
R.T.: 0.000 min
Exp R.T. : 5.133 min
Response: 0
Conc: N.D.



#25 AR-1248-5

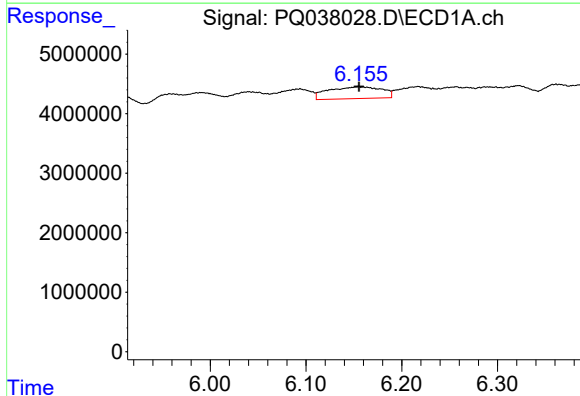
R.T.: 6.217 min
Delta R.T.: -0.007 min
Response: 4544884
Conc: 17.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-2(10-11)



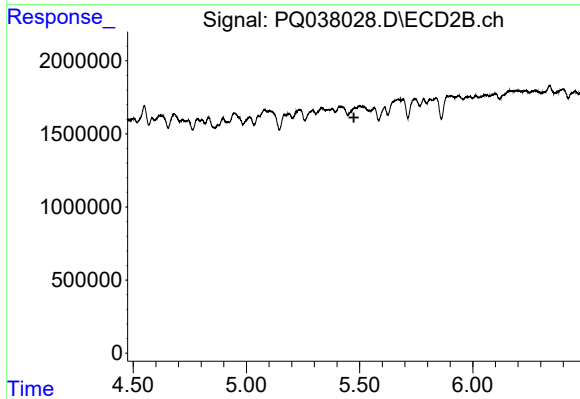
#25 AR-1248-5

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



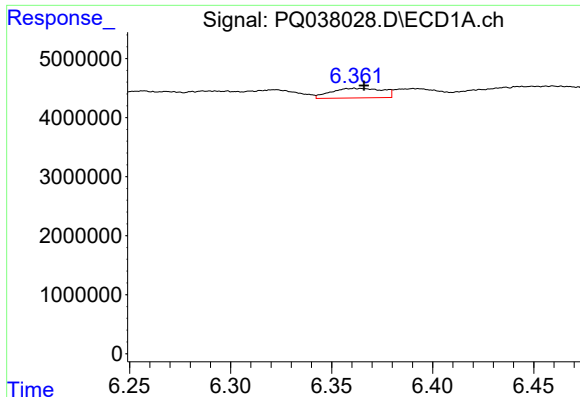
#26 AR-1254-1

R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 7716195
Conc: 39.28 ng/ml



#26 AR-1254-1

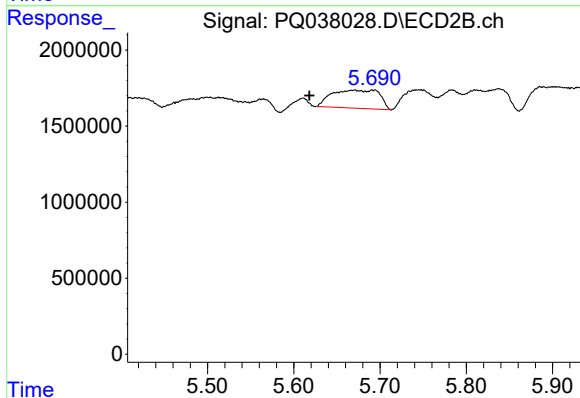
R.T.: 0.000 min
Exp R.T. : 5.475 min
Response: 0
Conc: N.D.



#27 AR-1254-2

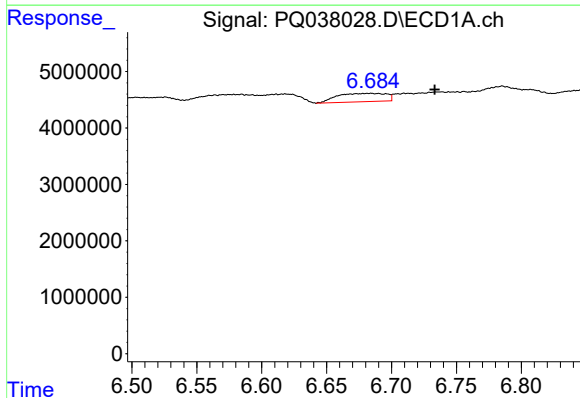
R.T.: 6.362 min
Delta R.T.: -0.004 min
Response: 2886737
Conc: 9.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-2(10-11)



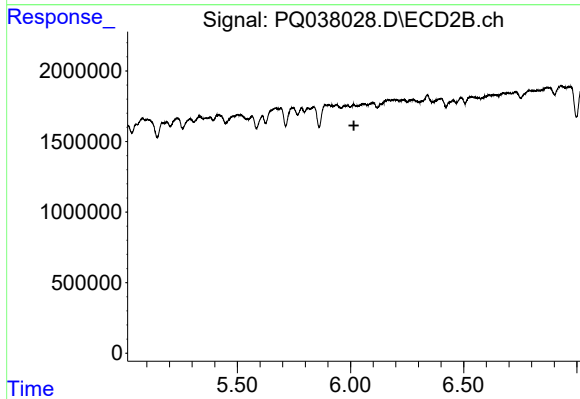
#27 AR-1254-2

R.T.: 5.671 min
Delta R.T.: 0.053 min
Response: 4589769
Conc: 35.38 ng/ml



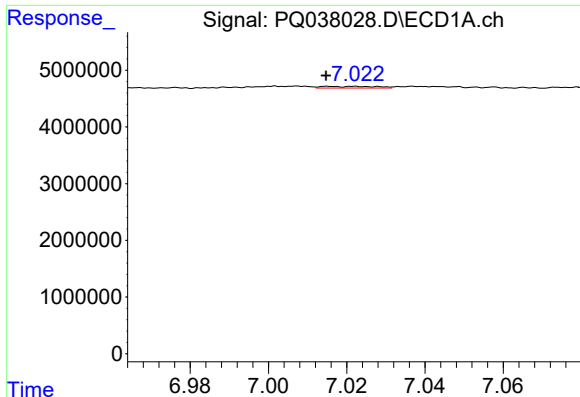
#28 AR-1254-3

R.T.: 6.690 min
Delta R.T.: -0.044 min
Response: 3903336
Conc: 12.53 ng/ml



#28 AR-1254-3

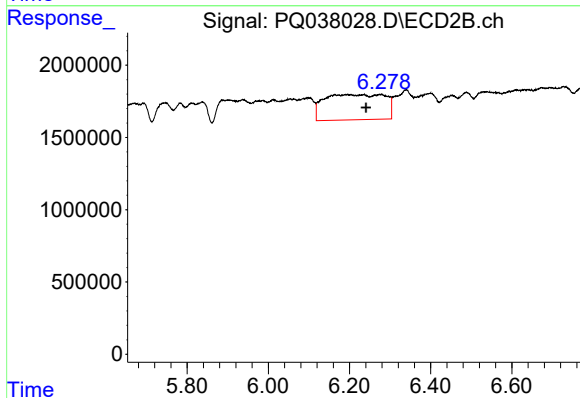
R.T.: 0.000 min
Exp R.T.: 6.015 min
Response: 0
Conc: N.D.



#29 AR-1254-4

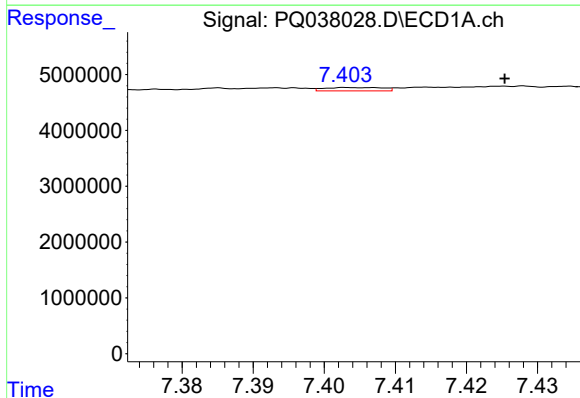
R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 286748
Conc: 1.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-2(10-11)



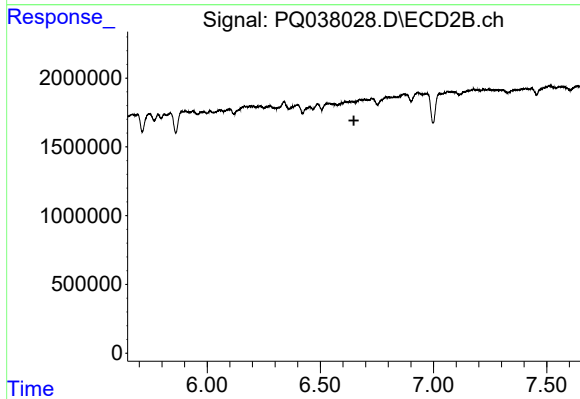
#29 AR-1254-4

R.T.: 6.278 min
Delta R.T.: 0.037 min
Response: 18254799
Conc: 113.82 ng/ml



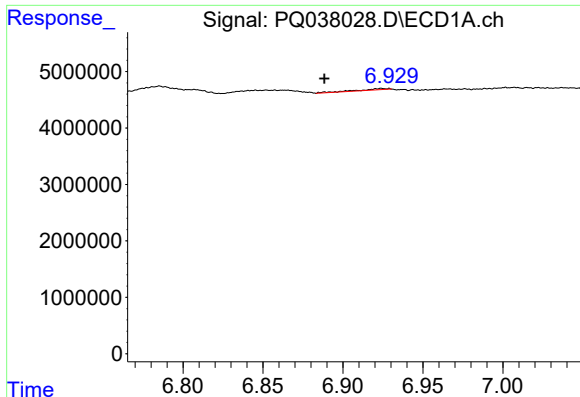
#30 AR-1254-5

R.T.: 7.404 min
Delta R.T.: -0.021 min
Response: 345718
Conc: 1.17 ng/ml



#30 AR-1254-5

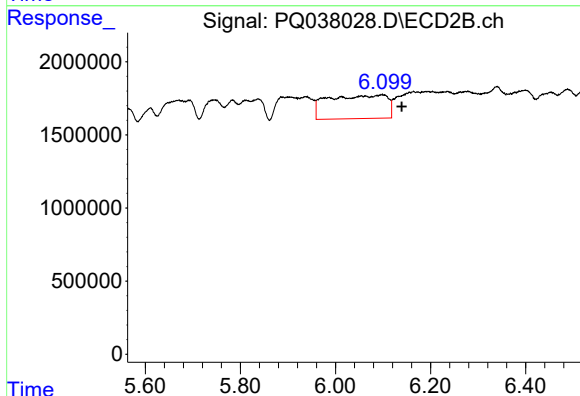
R.T.: 0.000 min
Exp R.T.: 6.648 min
Response: 0
Conc: N.D.



#31 AR-1260-1

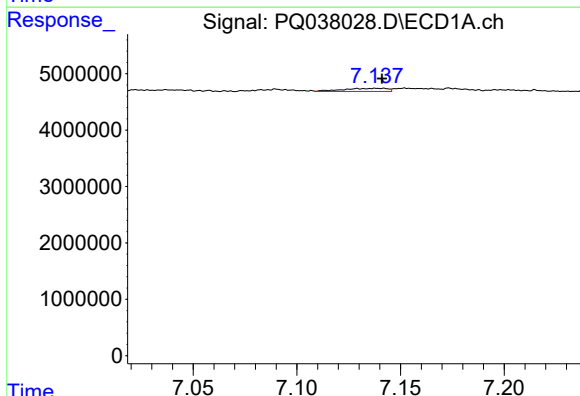
R.T.: 6.924 min
Delta R.T.: 0.036 min
Response: 490052
Conc: 1.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-2(10-11)



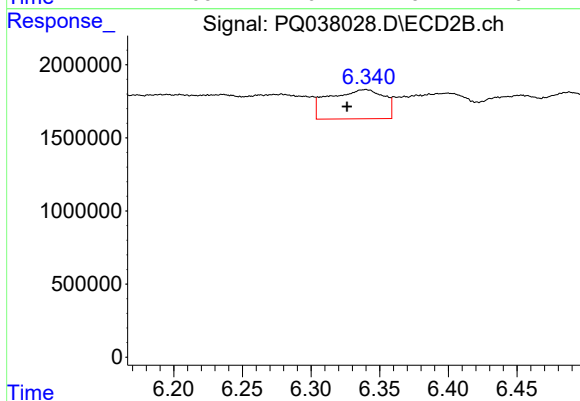
#31 AR-1260-1

R.T.: 6.098 min
Delta R.T.: -0.041 min
Response: 13890721
Conc: 89.50 ng/ml



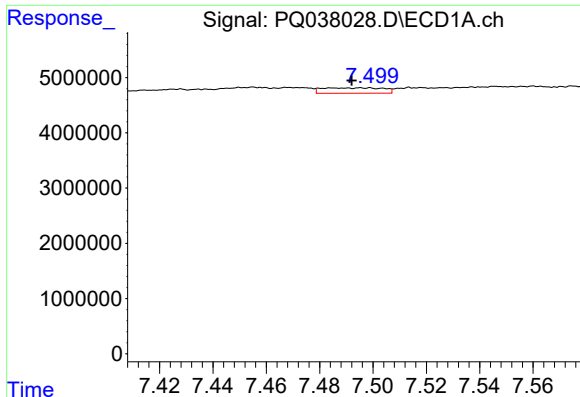
#32 AR-1260-2

R.T.: 7.139 min
Delta R.T.: -0.002 min
Response: 793605
Conc: 2.30 ng/ml



#32 AR-1260-2

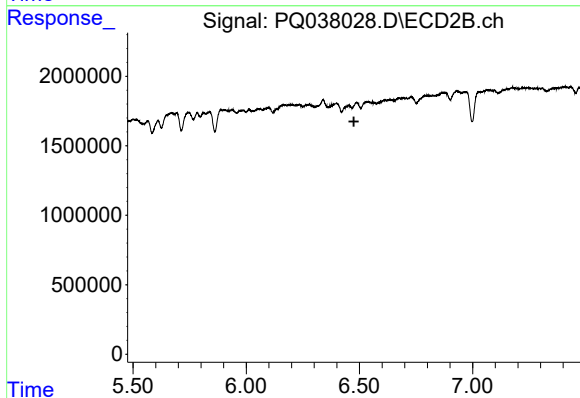
R.T.: 6.339 min
Delta R.T.: 0.013 min
Response: 5562237
Conc: 29.48 ng/ml



#33 AR-1260-3

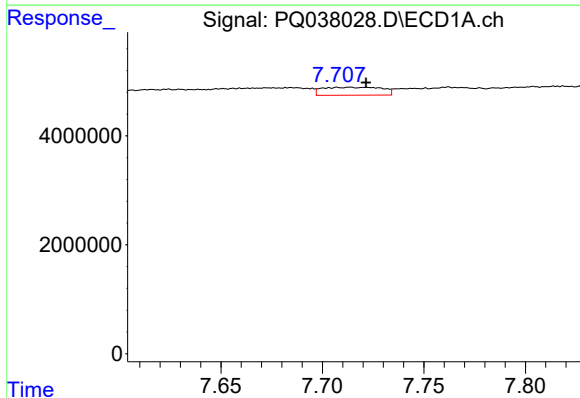
R.T.: 7.496 min
Delta R.T.: 0.004 min
Response: 1528109
Conc: 5.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-2(10-11)



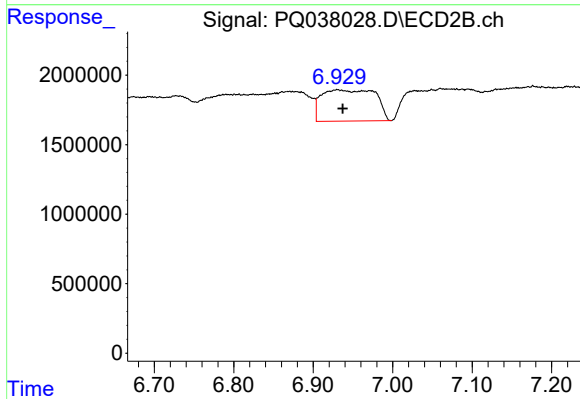
#33 AR-1260-3

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



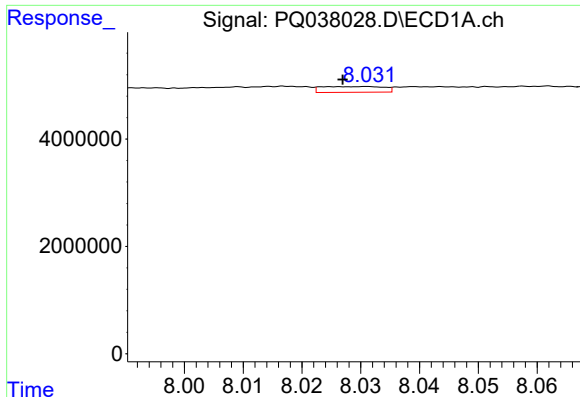
#34 AR-1260-4

R.T.: 7.714 min
Delta R.T.: -0.008 min
Response: 3000456
Conc: 11.15 ng/ml



#34 AR-1260-4

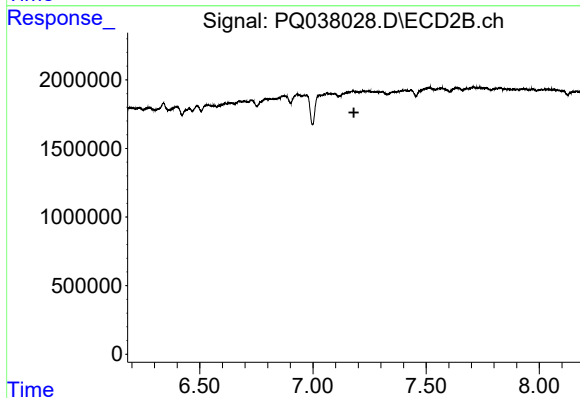
R.T.: 6.931 min
Delta R.T.: -0.007 min
Response: 10570682
Conc: 75.80 ng/ml



#35 AR-1260-5

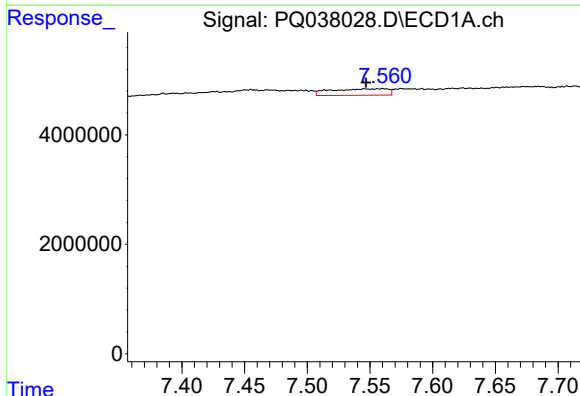
R.T.: 8.030 min
Delta R.T.: 0.003 min
Response: 782472
Conc: 1.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-2(10-11)



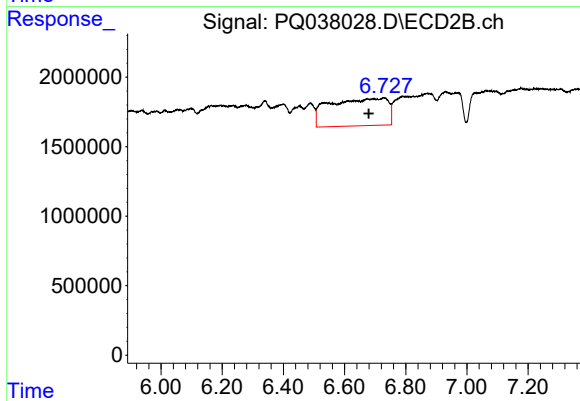
#35 AR-1260-5

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



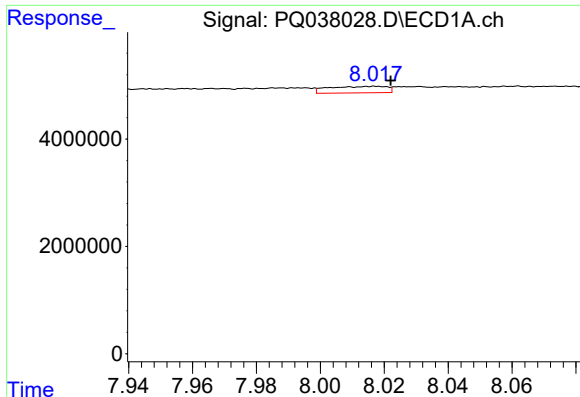
#36 AR-1262-1

R.T.: 7.560 min
Delta R.T.: 0.014 min
Response: 3682379
Conc: 23.84 ng/ml



#36 AR-1262-1

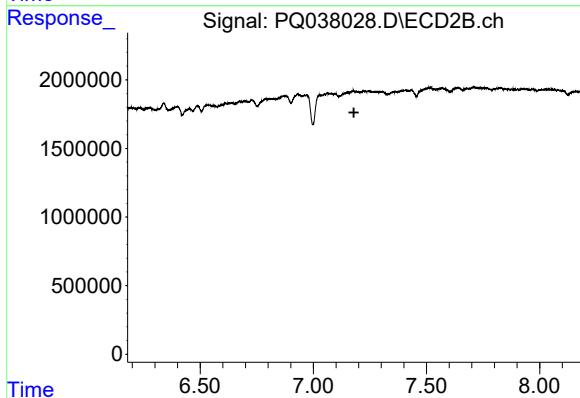
R.T.: 6.728 min
Delta R.T.: 0.049 min
Response: 25901367
Conc: 122.63 ng/ml



#37 AR-1262-2

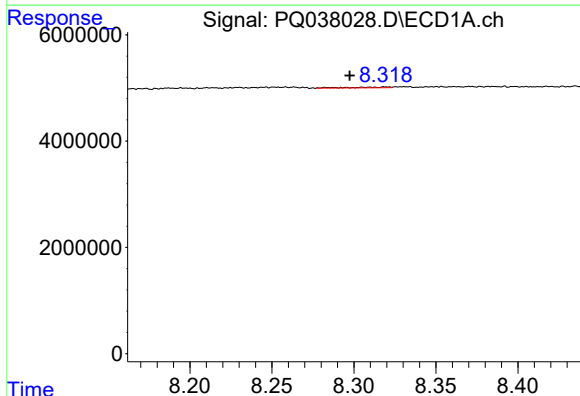
R.T.: 8.017 min
Delta R.T.: -0.005 min
Response: 1538199
Conc: 2.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-2(10-11)



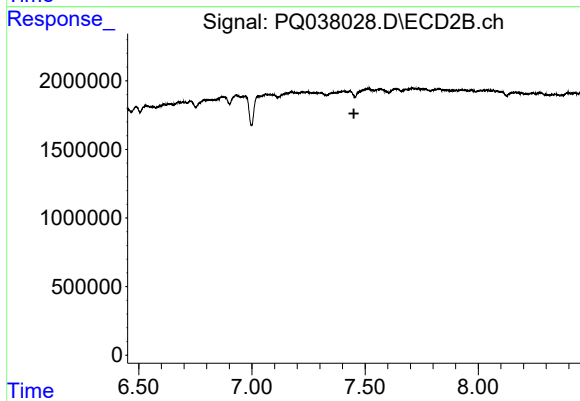
#37 AR-1262-2

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



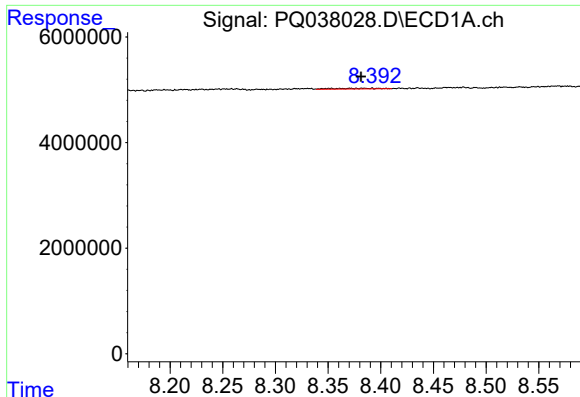
#38 AR-1262-3

R.T.: 8.319 min
Delta R.T.: 0.022 min
Response: 266444
Conc: 0.89 ng/ml



#38 AR-1262-3

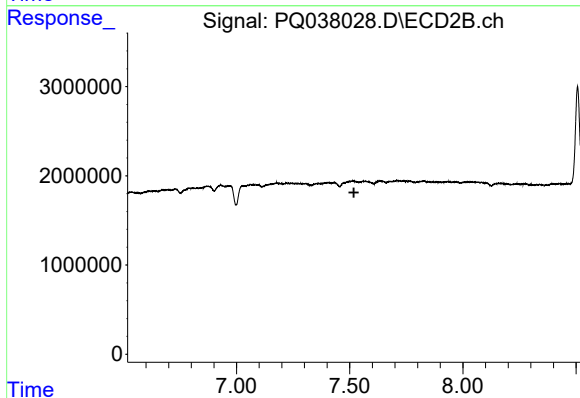
R.T.: 0.000 min
Exp R.T. : 7.450 min
Response: 0
Conc: N.D.



#39 AR-1262-4

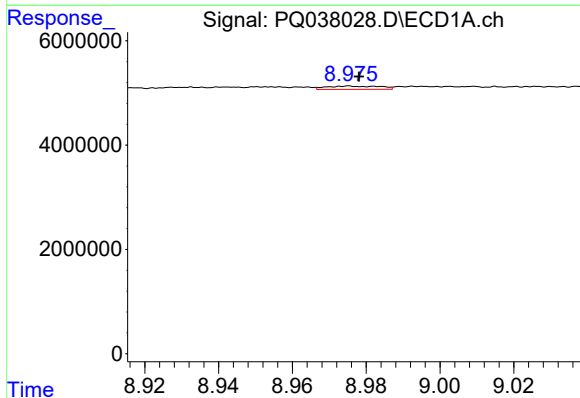
R.T.: 8.353 min
Delta R.T.: -0.028 min
Response: 400162
Conc: 1.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-2(10-11)



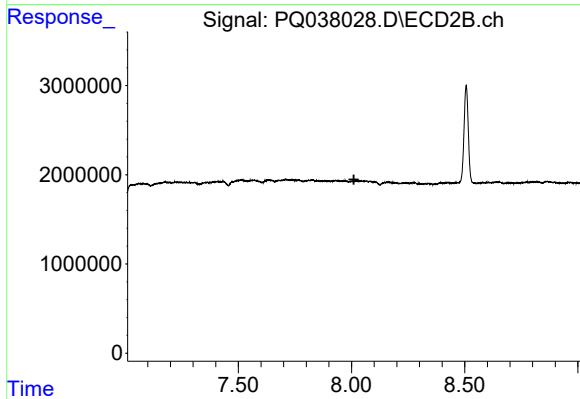
#39 AR-1262-4

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



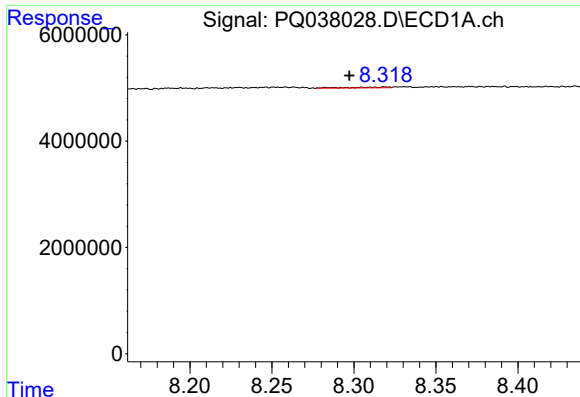
#40 AR-1262-5

R.T.: 8.975 min
Delta R.T.: -0.003 min
Response: 649843
Conc: 2.72 ng/ml



#40 AR-1262-5

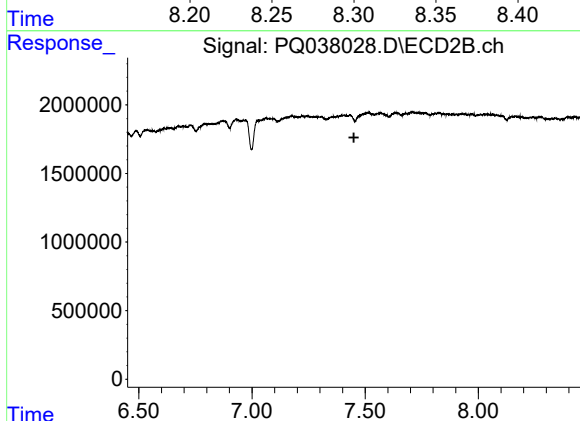
R.T.: 0.000 min
Exp R.T. : 8.011 min
Response: 0
Conc: N.D.



#41 AR-1268-1

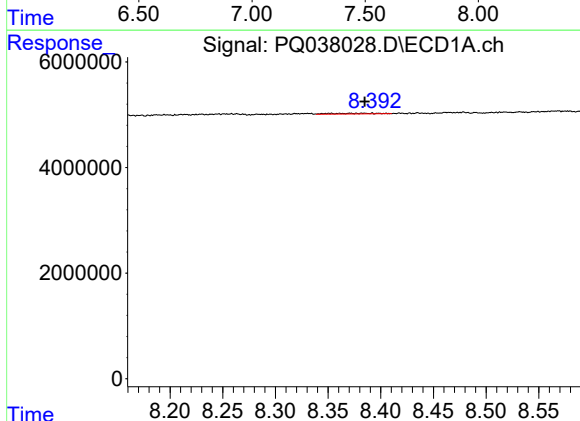
R.T.: 8.319 min
Delta R.T.: 0.022 min
Response: 266444
Conc: 0.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-2(10-11)



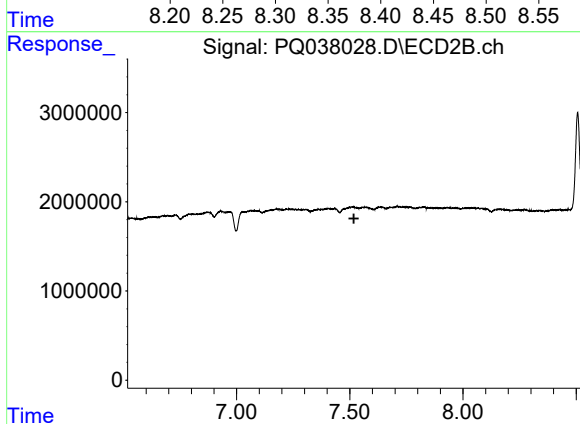
#41 AR-1268-1

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



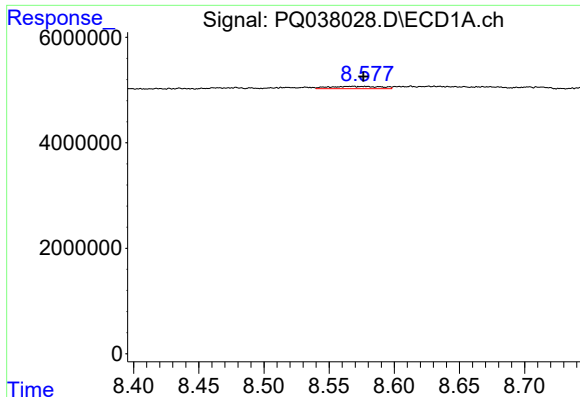
#42 AR-1268-2

R.T.: 8.353 min
Delta R.T.: -0.032 min
Response: 400162
Conc: 0.54 ng/ml



#42 AR-1268-2

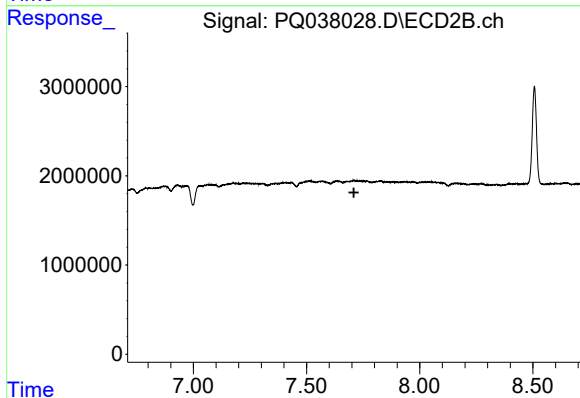
R.T.: 0.000 min
Exp R.T. : 7.518 min
Response: 0
Conc: N.D.



#43 AR-1268-3

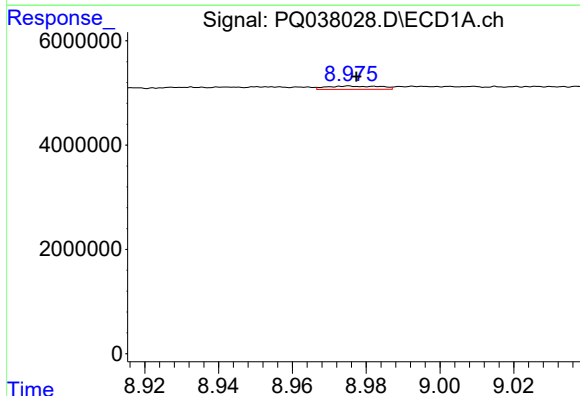
R.T.: 8.569 min
Delta R.T.: -0.008 min
Response: 1234235
Conc: 1.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-2(10-11)



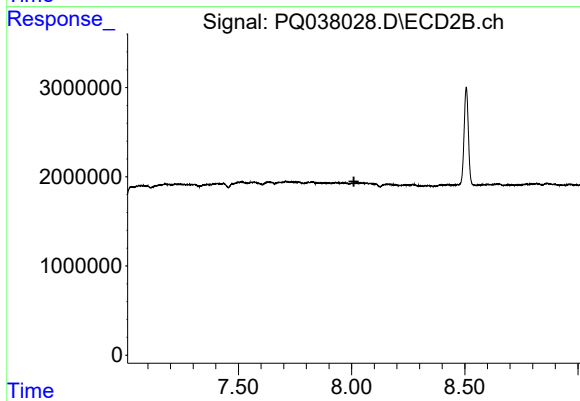
#43 AR-1268-3

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



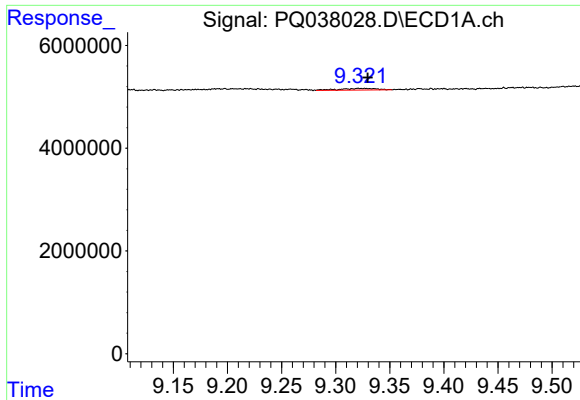
#44 AR-1268-4

R.T.: 8.975 min
Delta R.T.: -0.002 min
Response: 649843
Conc: 2.51 ng/ml



#44 AR-1268-4

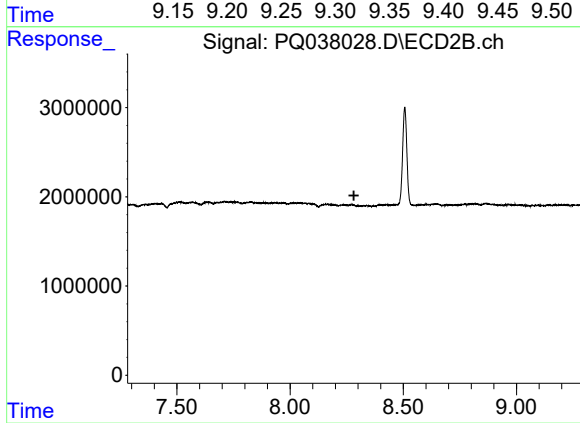
R.T.: 0.000 min
Exp R.T. : 8.010 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.324 min
Delta R.T.: -0.006 min
Response: 708817
Conc: 0.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-2(10-11)



#45 AR-1268-5

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