

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040319\
 Data File : PQ038632.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2019 15:25
 Operator : AJ\SJ
 Sample : K1560-01
 Misc : AR1221 LOD 40 PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 03:31:09 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 04 03:26:03 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...	4.704	3.985	147.0E6	79649799	19.870	19.437
2)	SA Decachlor...	10.642	9.102	105.0E6	61568623	20.164	19.752
Target Compounds							
3)	L1 AR-1016-1	5.885	5.084	1801344	363172	7.872	2.602 #
4)	L1 AR-1016-2	5.908	5.104	1420251	684394	4.223	3.416
5)	L1 AR-1016-3	5.970	5.333	924989	46188	4.609	0.501 #
6)	L1 AR-1016-4	6.077	5.333	1003270	46188	6.097	0.577 #
7)	L1 AR-1016-5	0.000	5.588	0	357914	N.D.	3.492 #
8)	L2 AR-1221-1	4.913	4.200	4179602	1984148	59.286	49.183
9)	L2 AR-1221-2	5.007	4.289	4582425	2471152	91.393	84.020
10)	L2 AR-1221-3	5.079	4.365	6612344	4593453	41.250	47.723
11)	L3 AR-1232-1	5.079	4.365	6612344	4593453	49.736	57.855
12)	L3 AR-1232-2	5.614	5.104	1344803	684394	20.805	9.276 #
13)	L3 AR-1232-3	5.908	5.333	1420251	46188	11.054	1.358 #
14)	L3 AR-1232-4	6.077	5.356	1003270	199325	15.374	6.040 #
15)	L3 AR-1232-5	6.151	5.588	987424	357914	20.006	10.295 #
16)	L4 AR-1242-1	5.885	5.084	1801344	363172	11.225	3.718 #
17)	L4 AR-1242-2	5.908	5.104	1420251	684394	6.022	4.880
18)	L4 AR-1242-3	5.970	5.333	924989	46188	6.360	0.694 #
19)	L4 AR-1242-4	6.077	5.356	1003270	199325	8.394	2.909 #
20)	L4 AR-1242-5	6.814	5.877	2886116	161093	25.798	1.862 #
21)	L5 AR-1248-1	5.885	5.084	1801344	363172	15.377	5.087 #
22)	L5 AR-1248-2	6.151	5.333	987424	46188	6.178	0.503 #
23)	L5 AR-1248-3	0.000	5.356	0	199325	N.D.	2.116 #
24)	L5 AR-1248-4	6.773	5.588	663805	357914	3.742	3.119
25)	L5 AR-1248-5	6.814	5.877	2886116	161093	17.014	1.487 #
26)	L6 AR-1254-1	6.748	5.877	1161694	161093	5.920	0.873 #
27)	L6 AR-1254-2	7.017	0.000	414814	0	1.429	N.D. #
28)	L6 AR-1254-3	7.349	6.392	877058	385413	2.931	1.485 #
29)	L6 AR-1254-4	7.584	0.000	64111	0	0.322	N.D. #
30)	L6 AR-1254-5	8.043	0.000	395821	0	1.499	N.D. #
31)	L7 AR-1260-1	7.498	6.510	462119	792060	1.818	4.384 #
32)	L7 AR-1260-2	7.813	0.000	968092	0	3.262	N.D. #
33)	L7 AR-1260-3	8.107	0.000	515882	0	2.253	N.D. #
34)	L7 AR-1260-4	8.332	0.000	1441510	0	5.437	N.D. #
35)	L7 AR-1260-5	8.709	0.000	1437209	0	2.829	N.D. #
36)	L8 AR-1262-1	8.151	7.173	720292	518125	5.681	2.167 #
37)	L8 AR-1262-2	8.709	0.000	1437209	0	2.790	N.D. #
38)	L8 AR-1262-3	9.070	0.000	1413828	0	4.034	N.D. #
39)	L8 AR-1262-4	9.070	8.001	1413828	2491407	4.894	8.181 #
40)	L8 AR-1262-5	9.833	0.000	603767	0	3.333	N.D. #
41)	L9 AR-1268-1	9.070	0.000	1413828	0	2.246	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040319\
Data File : PQ038632.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Apr 2019 15:25
Operator : AJ\SJ
Sample : K1560-01
Misc : AR1221 LOD 40 PPB
ALS Vial : 9 Sample Multiplier: 1

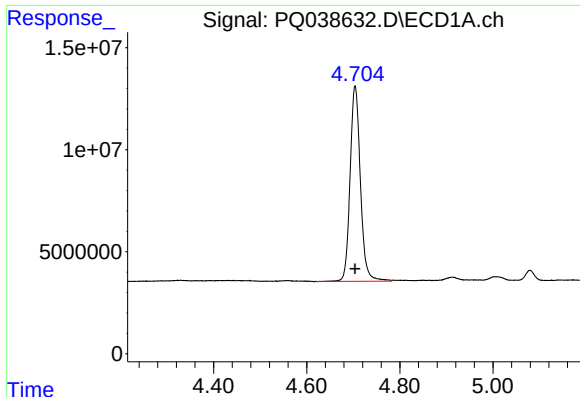
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 04 03:31:09 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040319.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 04 03:26:03 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
42)	L9 AR-1268-2	9.070	8.001	1413828	2491407	2.304	5.707 #
43)	L9 AR-1268-3	9.368	8.197	968235	628782	1.919	1.764
44)	L9 AR-1268-4	9.833	0.000	603767	0	2.760	N.D. #
45)	L9 AR-1268-5	10.278	8.821	2411706	512116	1.404	0.443 #

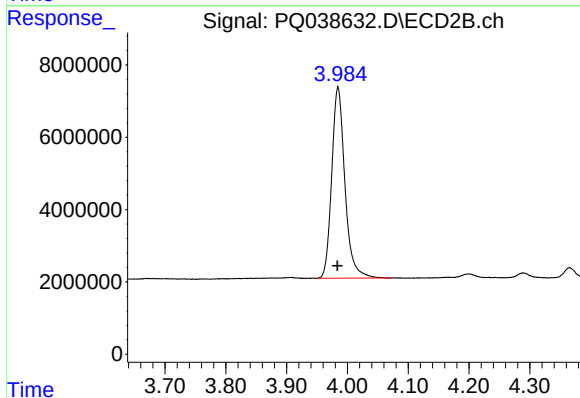
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

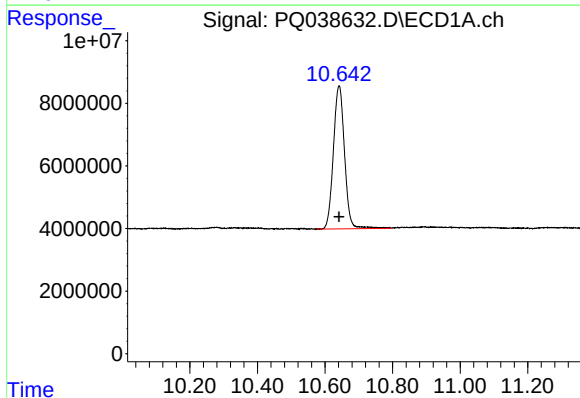
R.T.: 4.704 min
Delta R.T.: 0.000 min
Response: 146973797
Conc: 19.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



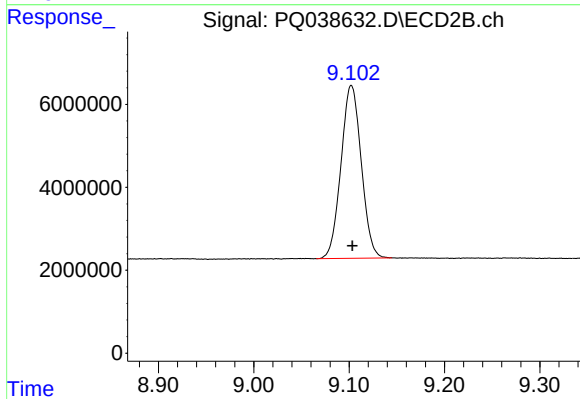
#1 Tetrachloro-m-xylene

R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 79649799
Conc: 19.44 ng/ml



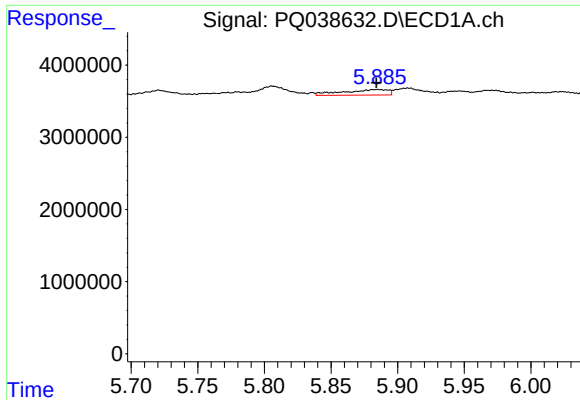
#2 Decachlorobiphenyl

R.T.: 10.642 min
Delta R.T.: 0.000 min
Response: 104969355
Conc: 20.16 ng/ml



#2 Decachlorobiphenyl

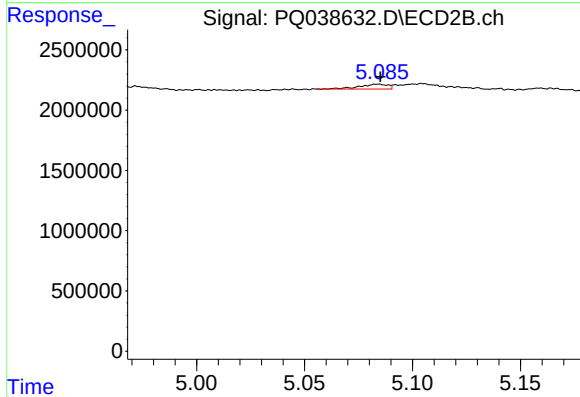
R.T.: 9.102 min
Delta R.T.: 0.000 min
Response: 61568623
Conc: 19.75 ng/ml



#3 AR-1016-1

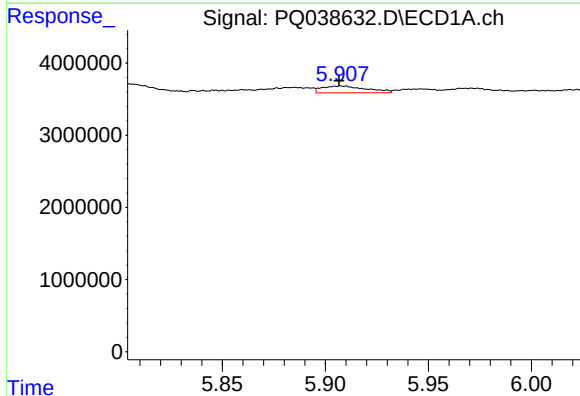
R.T.: 5.885 min
Delta R.T.: 0.000 min
Response: 1801344
Conc: 7.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



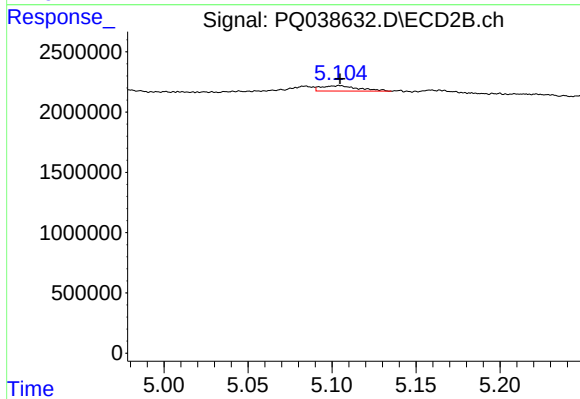
#3 AR-1016-1

R.T.: 5.084 min
Delta R.T.: -0.001 min
Response: 363172
Conc: 2.60 ng/ml



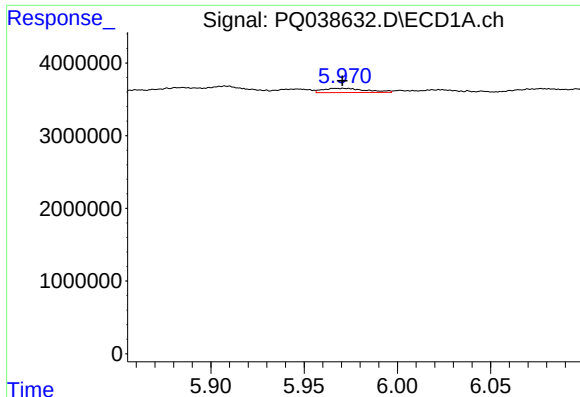
#4 AR-1016-2

R.T.: 5.908 min
Delta R.T.: 0.001 min
Response: 1420251
Conc: 4.22 ng/ml



#4 AR-1016-2

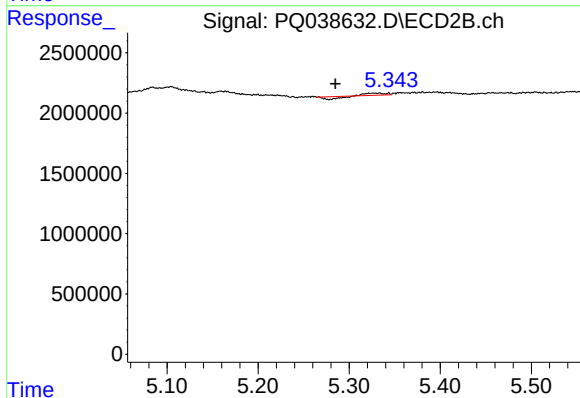
R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 684394
Conc: 3.42 ng/ml



#5 AR-1016-3

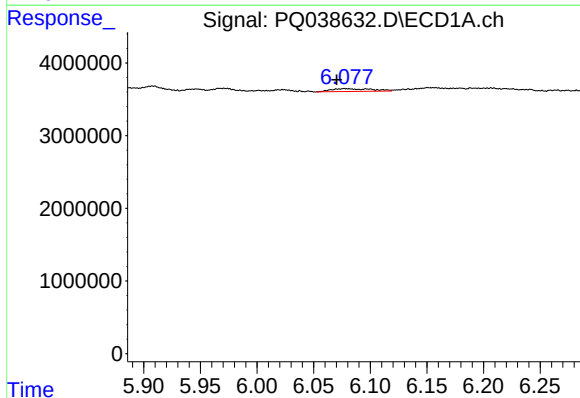
R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 924989
Conc: 4.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



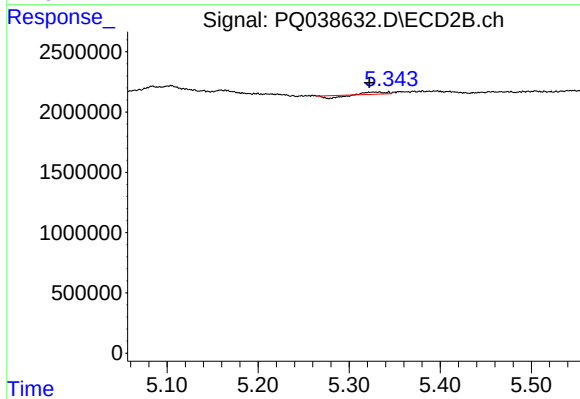
#5 AR-1016-3

R.T.: 5.333 min
Delta R.T.: 0.048 min
Response: 46188
Conc: 0.50 ng/ml



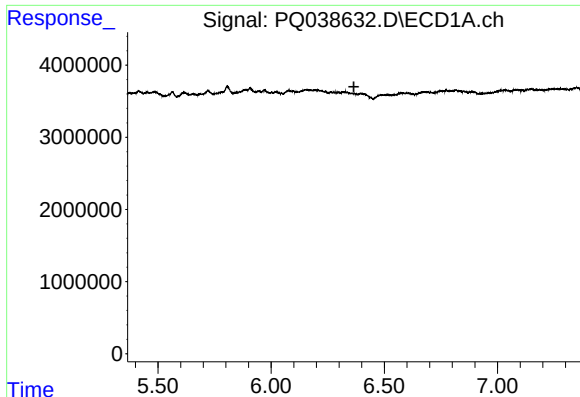
#6 AR-1016-4

R.T.: 6.077 min
Delta R.T.: 0.007 min
Response: 1003270
Conc: 6.10 ng/ml



#6 AR-1016-4

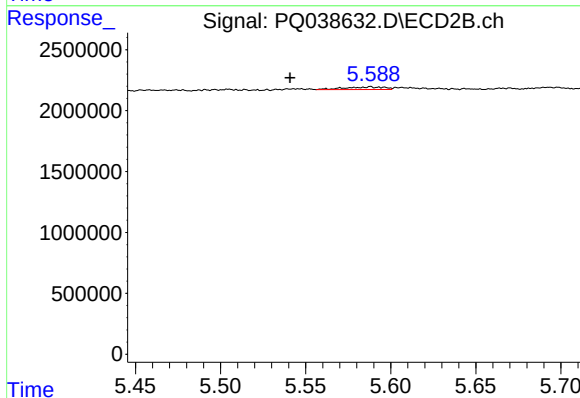
R.T.: 5.333 min
Delta R.T.: 0.011 min
Response: 46188
Conc: 0.58 ng/ml



#7 AR-1016-5

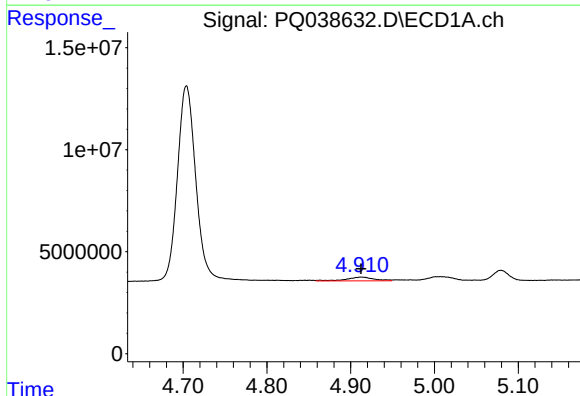
R.T.: 0.000 min
Exp R.T.: 6.365 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



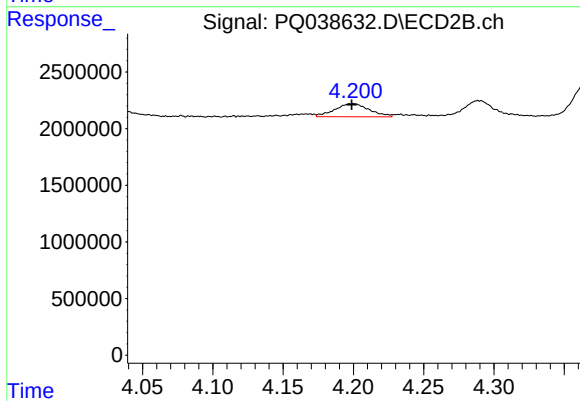
#7 AR-1016-5

R.T.: 5.588 min
Delta R.T.: 0.047 min
Response: 357914
Conc: 3.49 ng/ml



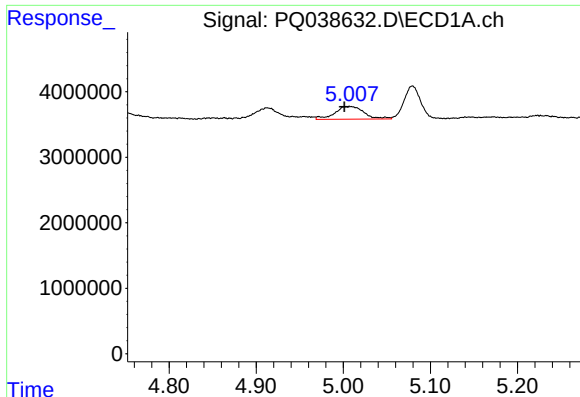
#8 AR-1221-1

R.T.: 4.913 min
Delta R.T.: 0.000 min
Response: 4179602
Conc: 59.29 ng/ml



#8 AR-1221-1

R.T.: 4.200 min
Delta R.T.: 0.001 min
Response: 1984148
Conc: 49.18 ng/ml



#9 AR-1221-2

R.T.: 5.007 min
Delta R.T.: 0.006 min
Response: 4582425
Conc: 91.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :

#9 AR-1221-2

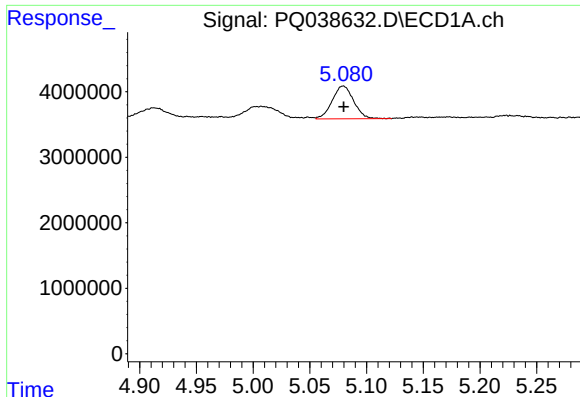
R.T.: 4.289 min
Delta R.T.: 0.002 min
Response: 2471152
Conc: 84.02 ng/ml

#10 AR-1221-3

R.T.: 5.079 min
Delta R.T.: 0.000 min
Response: 6612344
Conc: 41.25 ng/ml

#10 AR-1221-3

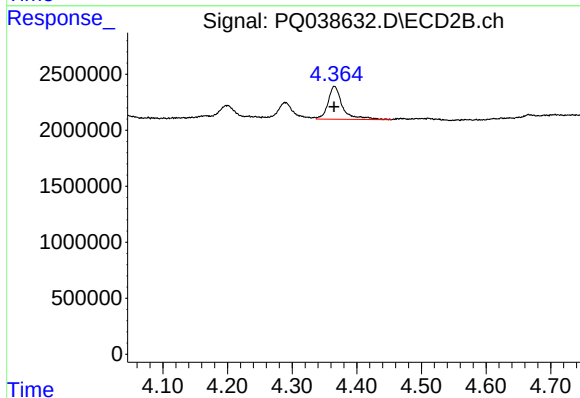
R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 4593453
Conc: 47.72 ng/ml



#11 AR-1232-1

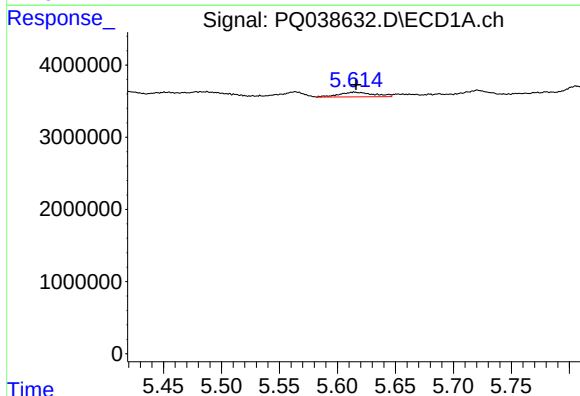
R.T.: 5.079 min
Delta R.T.: 0.000 min
Response: 6612344
Conc: 49.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



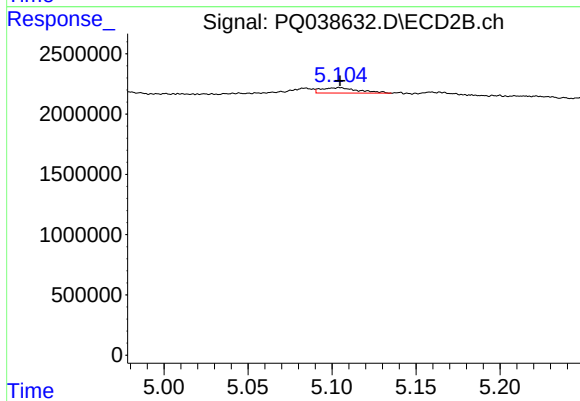
#11 AR-1232-1

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 4593453
Conc: 57.85 ng/ml



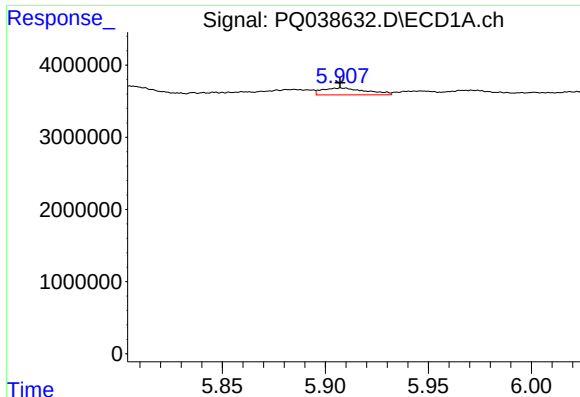
#12 AR-1232-2

R.T.: 5.614 min
Delta R.T.: -0.002 min
Response: 1344803
Conc: 20.80 ng/ml



#12 AR-1232-2

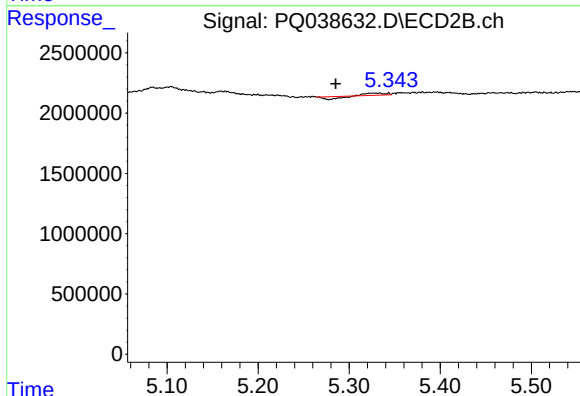
R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 684394
Conc: 9.28 ng/ml



#13 AR-1232-3

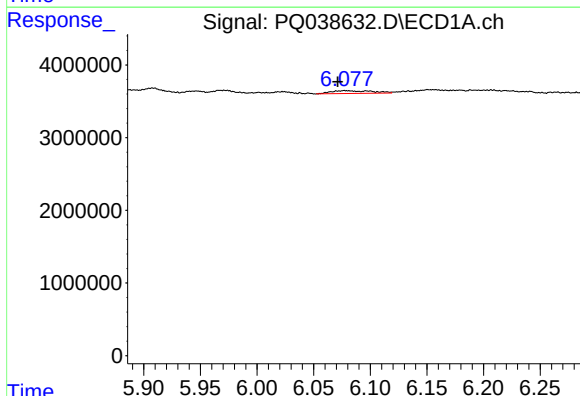
R.T.: 5.908 min
Delta R.T.: 0.000 min
Response: 1420251
Conc: 11.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



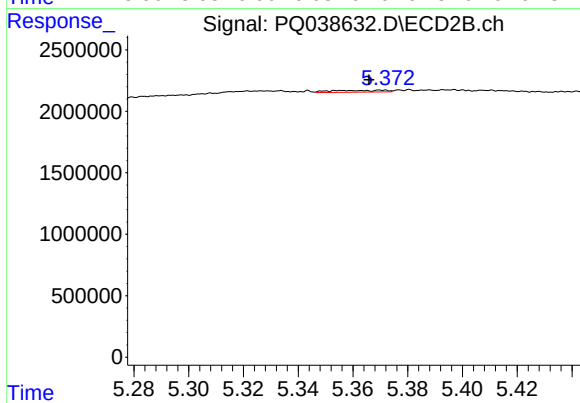
#13 AR-1232-3

R.T.: 5.333 min
Delta R.T.: 0.048 min
Response: 46188
Conc: 1.36 ng/ml



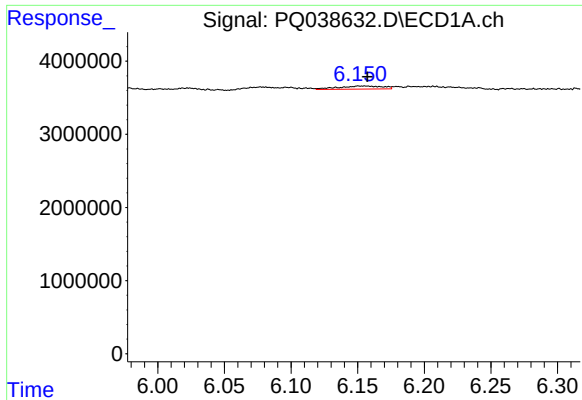
#14 AR-1232-4

R.T.: 6.077 min
Delta R.T.: 0.006 min
Response: 1003270
Conc: 15.37 ng/ml



#14 AR-1232-4

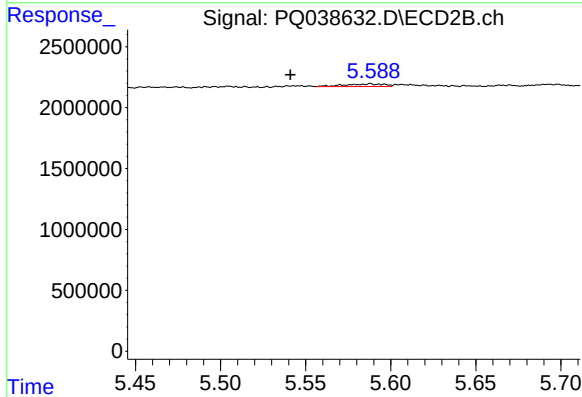
R.T.: 5.356 min
Delta R.T.: -0.010 min
Response: 199325
Conc: 6.04 ng/ml



#15 AR-1232-5

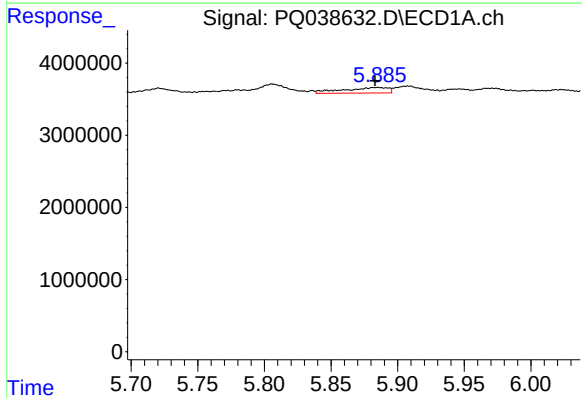
R.T.: 6.151 min
Delta R.T.: -0.006 min
Response: 987424
Conc: 20.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



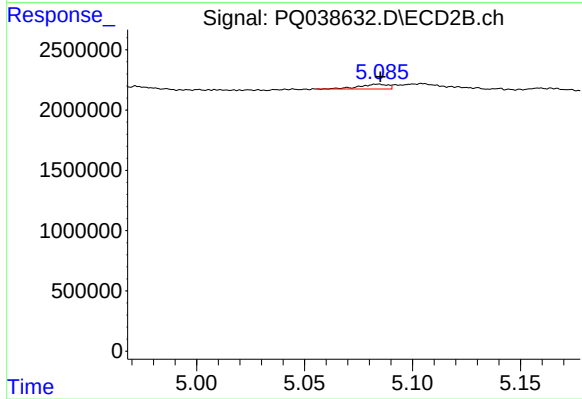
#15 AR-1232-5

R.T.: 5.588 min
Delta R.T.: 0.047 min
Response: 357914
Conc: 10.30 ng/ml



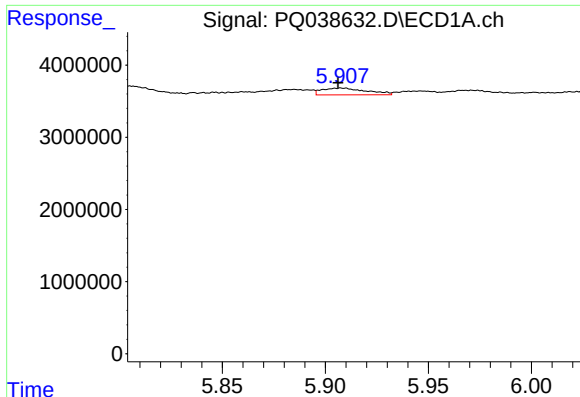
#16 AR-1242-1

R.T.: 5.885 min
Delta R.T.: 0.002 min
Response: 1801344
Conc: 11.23 ng/ml



#16 AR-1242-1

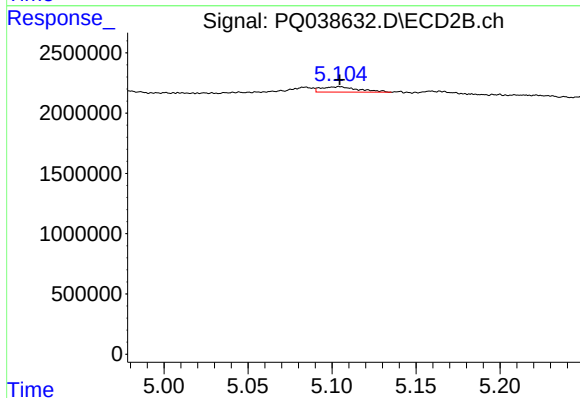
R.T.: 5.084 min
Delta R.T.: -0.001 min
Response: 363172
Conc: 3.72 ng/ml



#17 AR-1242-2

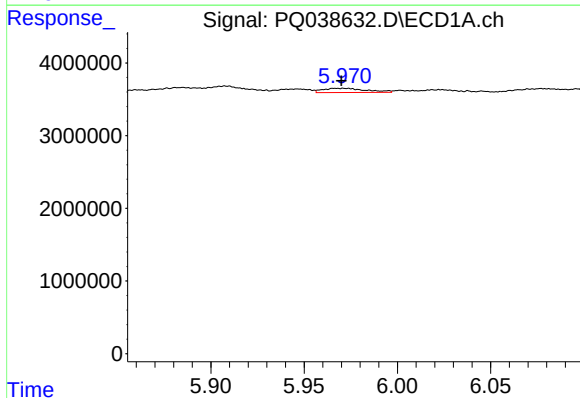
R.T.: 5.908 min
Delta R.T.: 0.002 min
Response: 1420251
Conc: 6.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



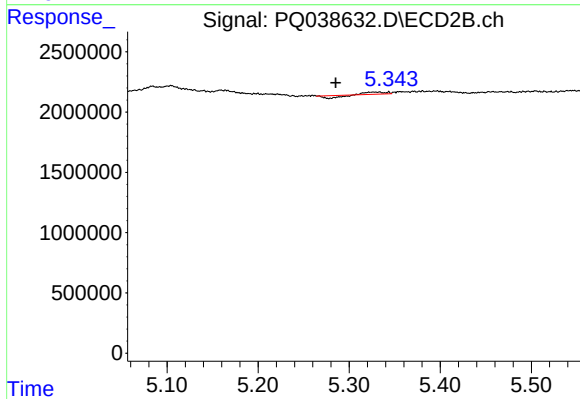
#17 AR-1242-2

R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 684394
Conc: 4.88 ng/ml



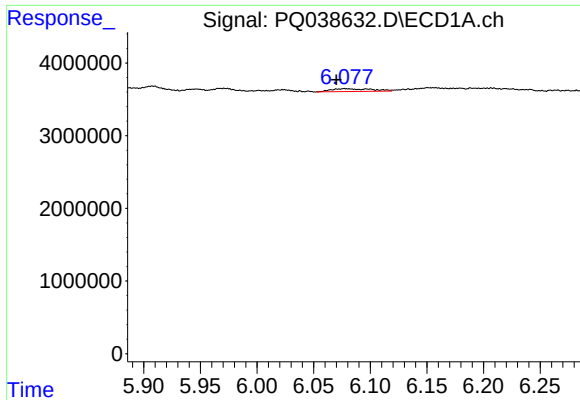
#18 AR-1242-3

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 924989
Conc: 6.36 ng/ml



#18 AR-1242-3

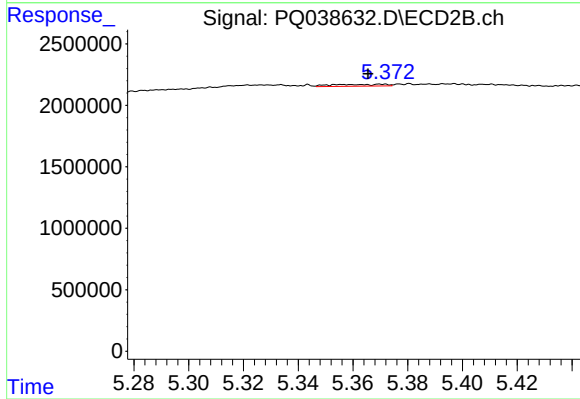
R.T.: 5.333 min
Delta R.T.: 0.048 min
Response: 46188
Conc: 0.69 ng/ml



#19 AR-1242-4

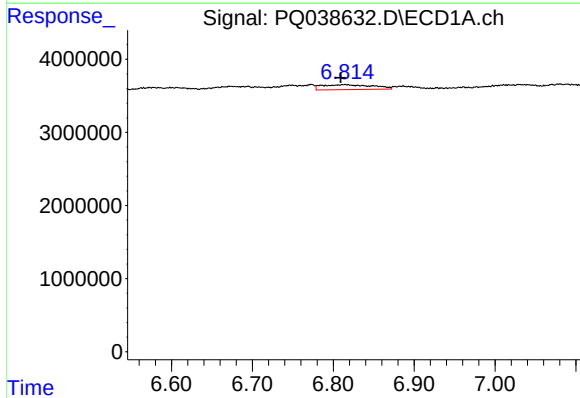
R.T.: 6.077 min
Delta R.T.: 0.007 min
Response: 1003270
Conc: 8.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



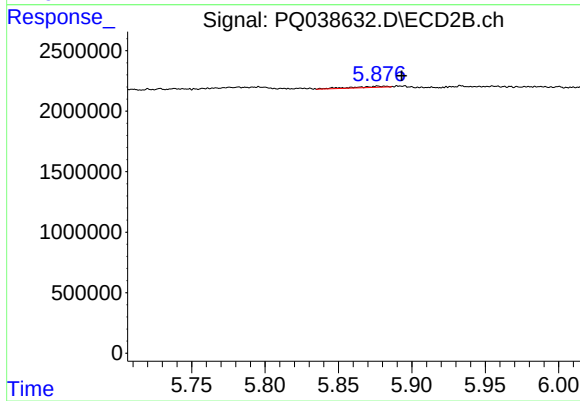
#19 AR-1242-4

R.T.: 5.356 min
Delta R.T.: -0.009 min
Response: 199325
Conc: 2.91 ng/ml



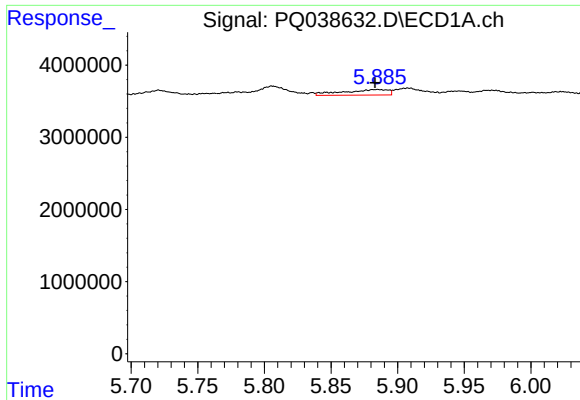
#20 AR-1242-5

R.T.: 6.814 min
Delta R.T.: 0.005 min
Response: 2886116
Conc: 25.80 ng/ml



#20 AR-1242-5

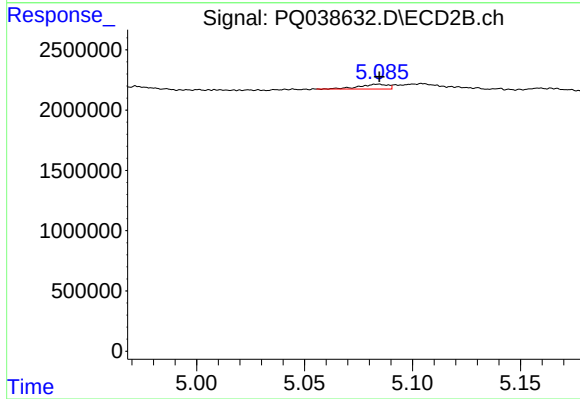
R.T.: 5.877 min
Delta R.T.: -0.016 min
Response: 161093
Conc: 1.86 ng/ml



#21 AR-1248-1

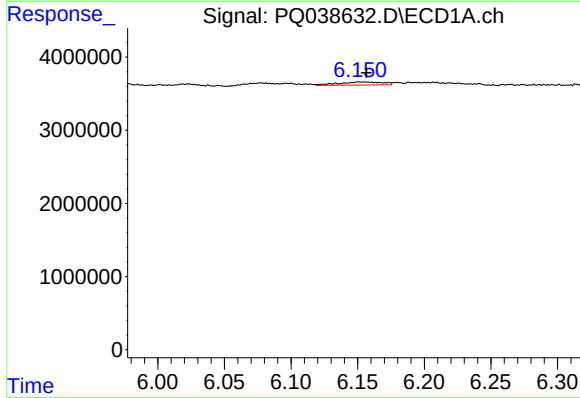
R.T.: 5.885 min
Delta R.T.: 0.002 min
Response: 1801344
Conc: 15.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



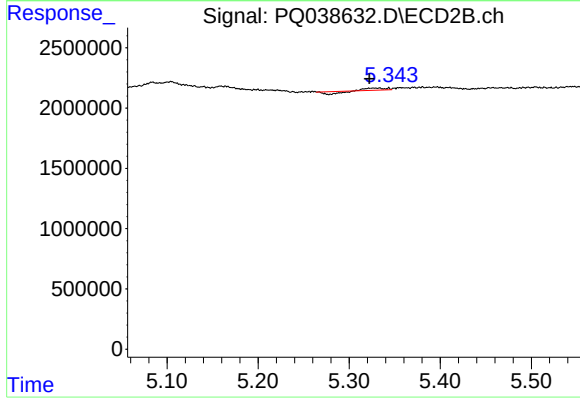
#21 AR-1248-1

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 363172
Conc: 5.09 ng/ml



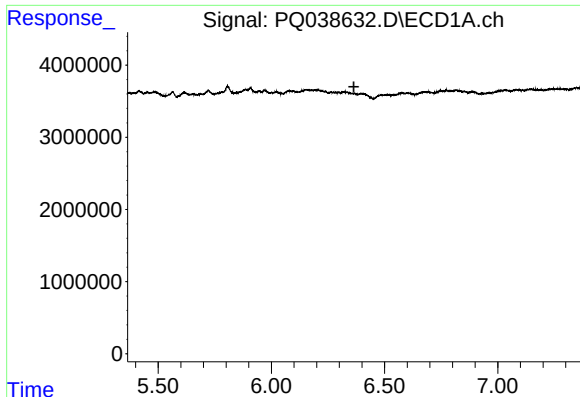
#22 AR-1248-2

R.T.: 6.151 min
Delta R.T.: -0.005 min
Response: 987424
Conc: 6.18 ng/ml



#22 AR-1248-2

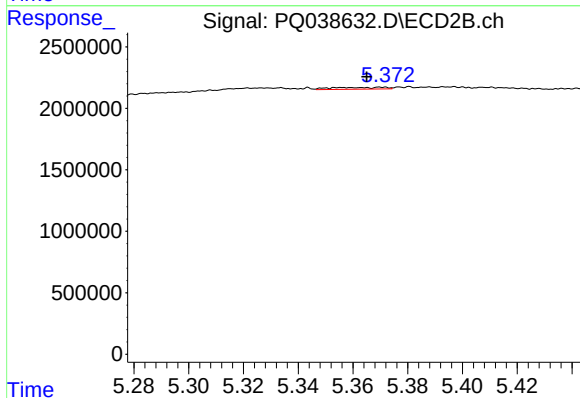
R.T.: 5.333 min
Delta R.T.: 0.011 min
Response: 46188
Conc: 0.50 ng/ml



#23 AR-1248-3

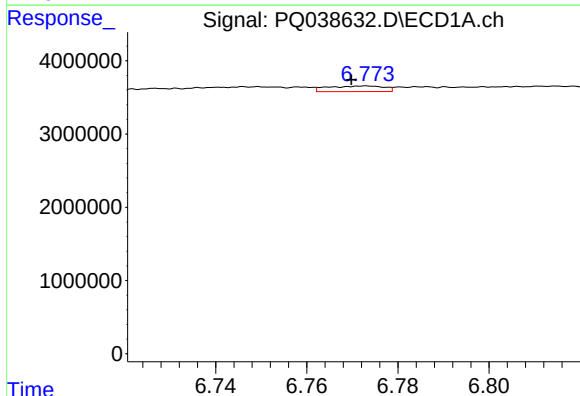
R.T.: 0.000 min
Exp R.T.: 6.365 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



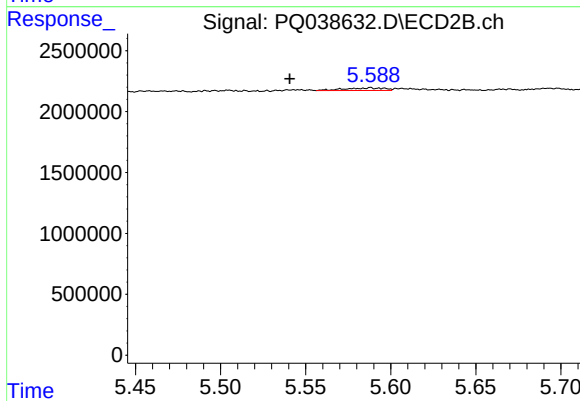
#23 AR-1248-3

R.T.: 5.356 min
Delta R.T.: -0.009 min
Response: 199325
Conc: 2.12 ng/ml



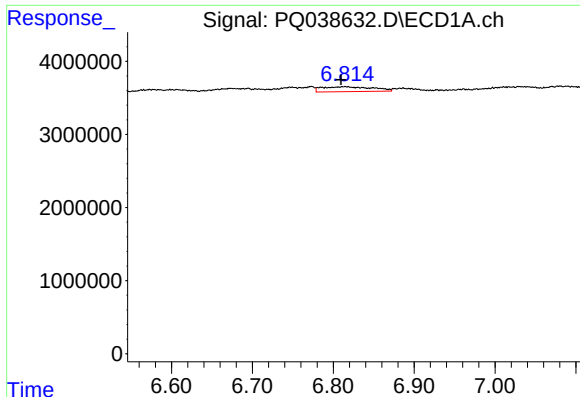
#24 AR-1248-4

R.T.: 6.773 min
Delta R.T.: 0.003 min
Response: 663805
Conc: 3.74 ng/ml



#24 AR-1248-4

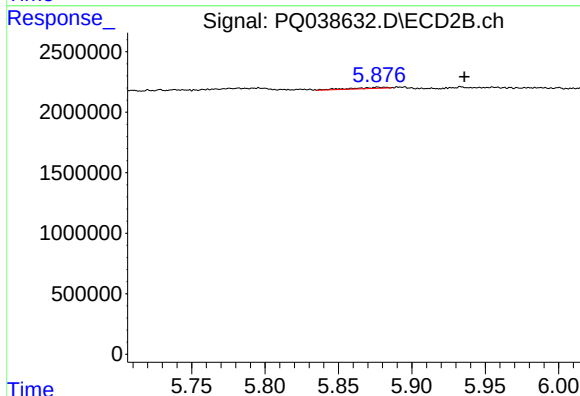
R.T.: 5.588 min
Delta R.T.: 0.048 min
Response: 357914
Conc: 3.12 ng/ml



#25 AR-1248-5

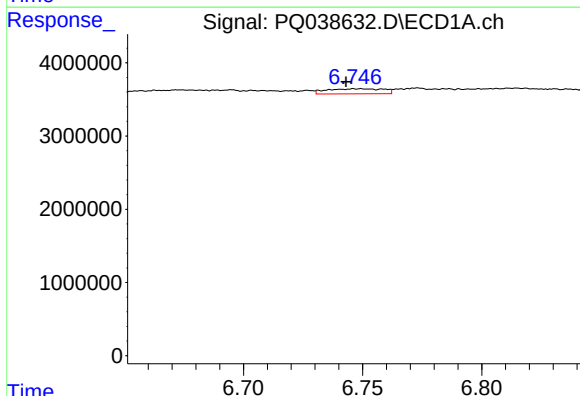
R.T.: 6.814 min
Delta R.T.: 0.004 min
Response: 2886116
Conc: 17.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



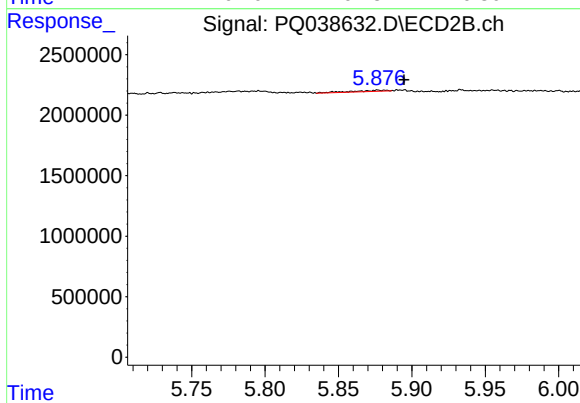
#25 AR-1248-5

R.T.: 5.877 min
Delta R.T.: -0.059 min
Response: 161093
Conc: 1.49 ng/ml



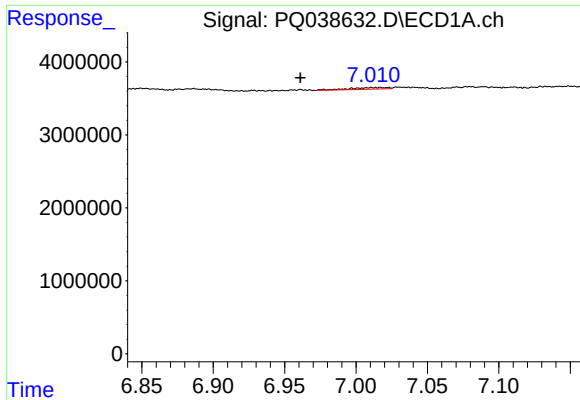
#26 AR-1254-1

R.T.: 6.748 min
Delta R.T.: 0.005 min
Response: 1161694
Conc: 5.92 ng/ml



#26 AR-1254-1

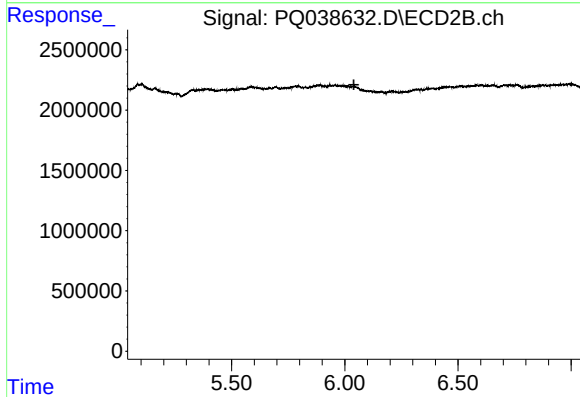
R.T.: 5.877 min
Delta R.T.: -0.018 min
Response: 161093
Conc: 0.87 ng/ml



#27 AR-1254-2

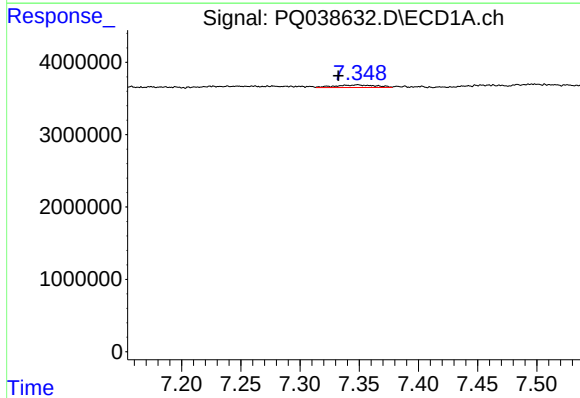
R.T.: 7.017 min
Delta R.T.: 0.056 min
Response: 414814
Conc: 1.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



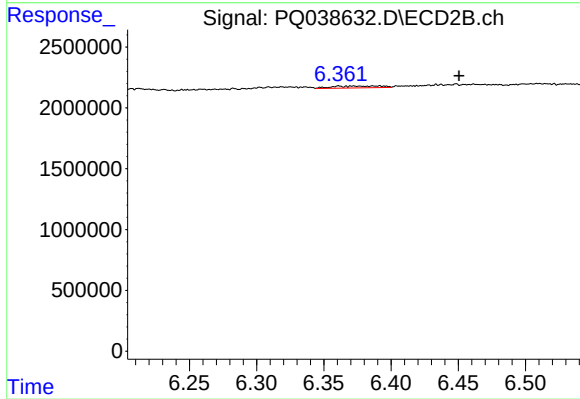
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.040 min
Response: 0
Conc: N.D.



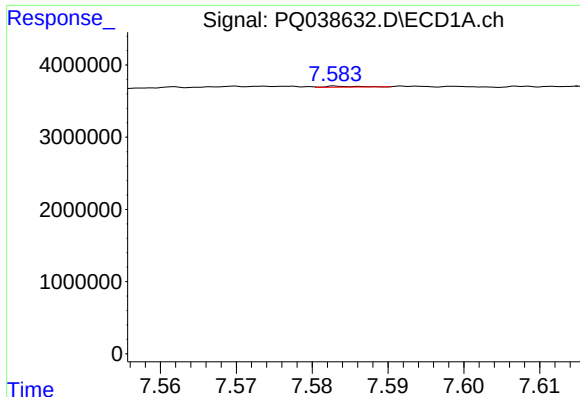
#28 AR-1254-3

R.T.: 7.349 min
Delta R.T.: 0.016 min
Response: 877058
Conc: 2.93 ng/ml



#28 AR-1254-3

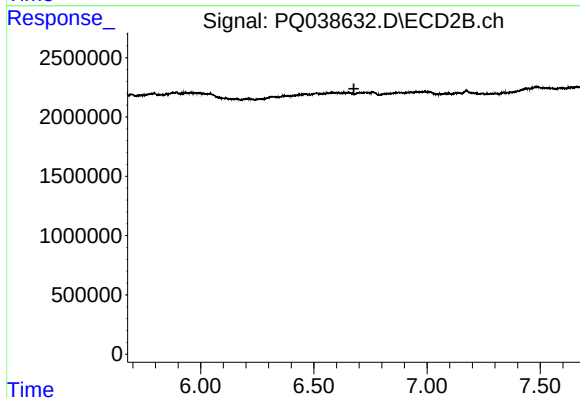
R.T.: 6.392 min
Delta R.T.: -0.059 min
Response: 385413
Conc: 1.48 ng/ml



#29 AR-1254-4

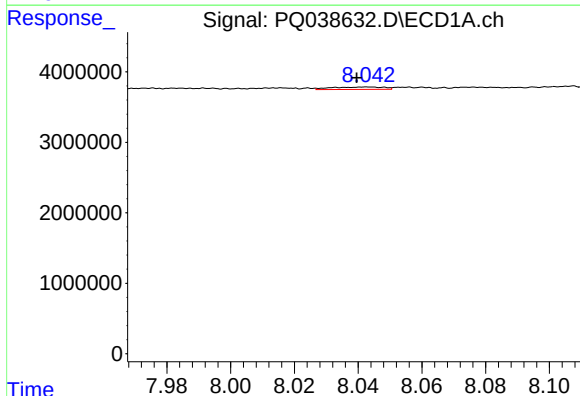
R.T.: 7.584 min
Delta R.T.: -0.034 min
Response: 64111
Conc: 0.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



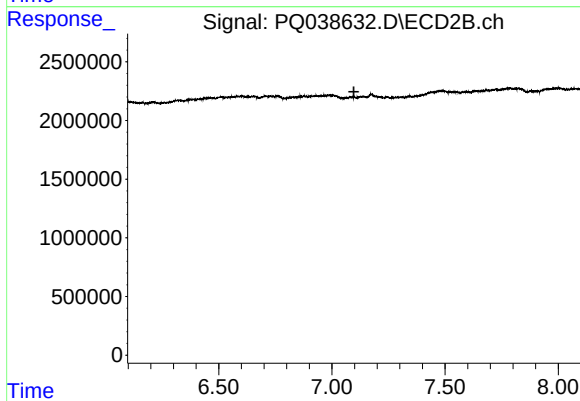
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.677 min
Response: 0
Conc: N.D.



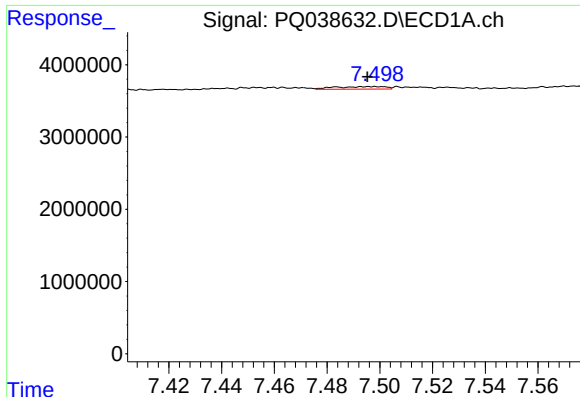
#30 AR-1254-5

R.T.: 8.043 min
Delta R.T.: 0.004 min
Response: 395821
Conc: 1.50 ng/ml



#30 AR-1254-5

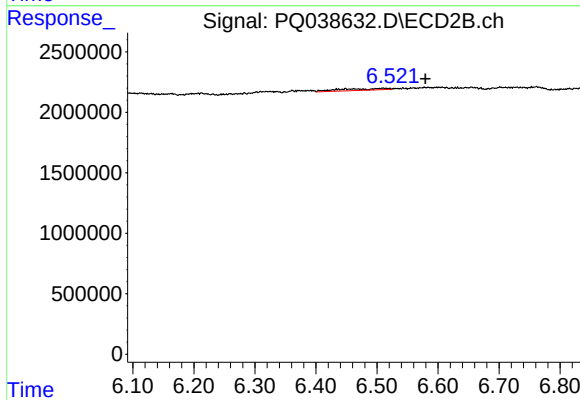
R.T.: 0.000 min
Exp R.T. : 7.097 min
Response: 0
Conc: N.D.



#31 AR-1260-1

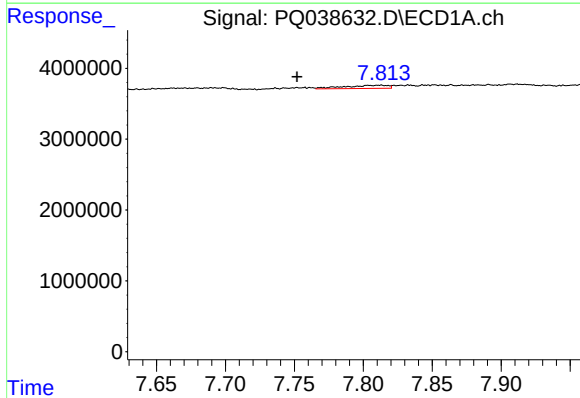
R.T.: 7.498 min
Delta R.T.: 0.003 min
Response: 462119
Conc: 1.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



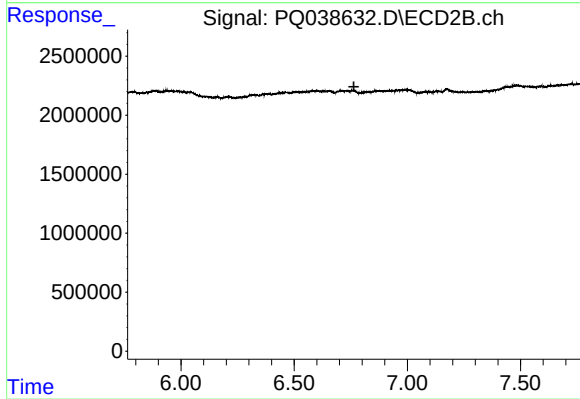
#31 AR-1260-1

R.T.: 6.510 min
Delta R.T.: -0.069 min
Response: 792060
Conc: 4.38 ng/ml



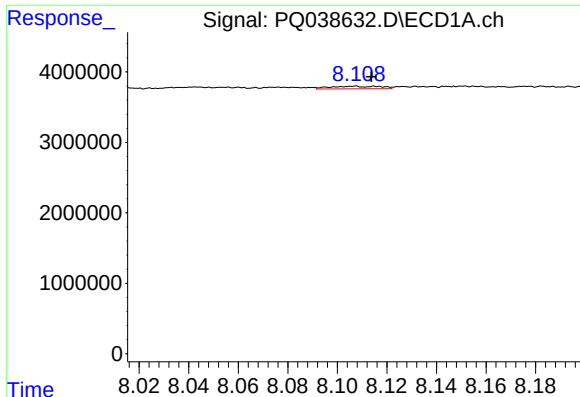
#32 AR-1260-2

R.T.: 7.813 min
Delta R.T.: 0.061 min
Response: 968092
Conc: 3.26 ng/ml



#32 AR-1260-2

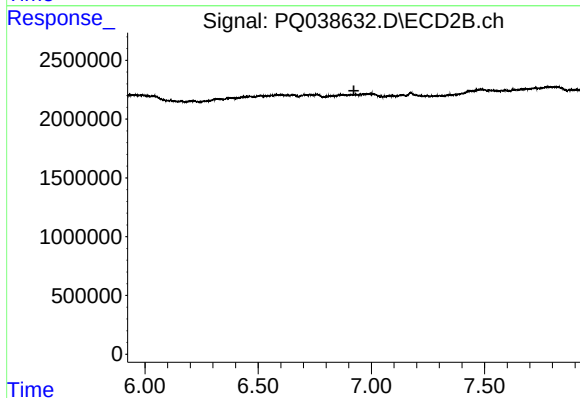
R.T.: 0.000 min
Exp R.T.: 6.764 min
Response: 0
Conc: N.D.



#33 AR-1260-3

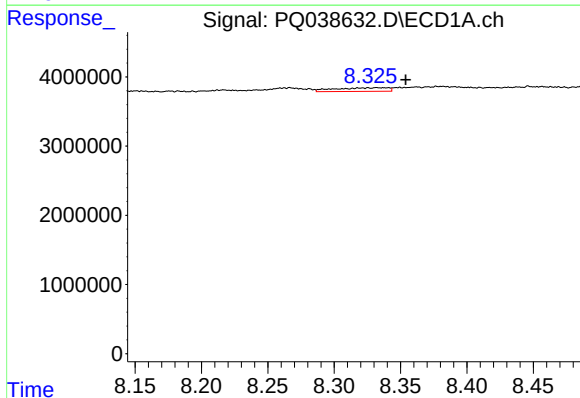
R.T.: 8.107 min
Delta R.T.: -0.007 min
Response: 515882
Conc: 2.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



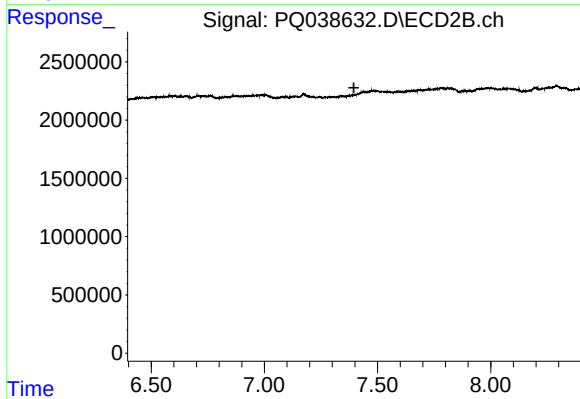
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.923 min
Response: 0
Conc: N.D.



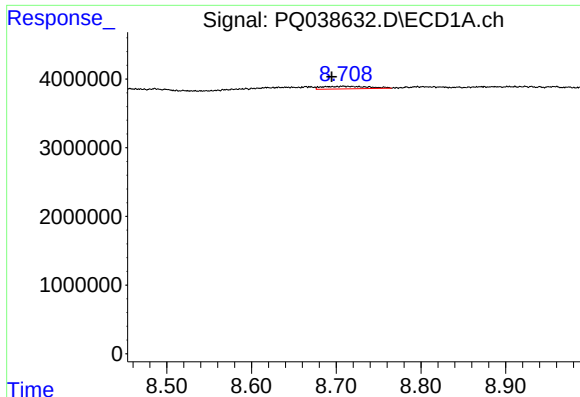
#34 AR-1260-4

R.T.: 8.332 min
Delta R.T.: -0.022 min
Response: 1441510
Conc: 5.44 ng/ml



#34 AR-1260-4

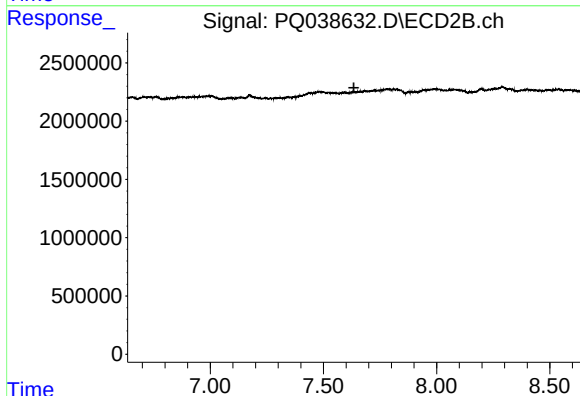
R.T.: 0.000 min
Exp R.T. : 7.396 min
Response: 0
Conc: N.D.



#35 AR-1260-5

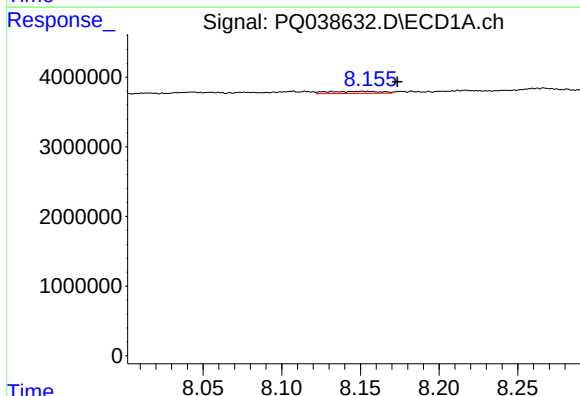
R.T.: 8.709 min
Delta R.T.: 0.014 min
Response: 1437209
Conc: 2.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



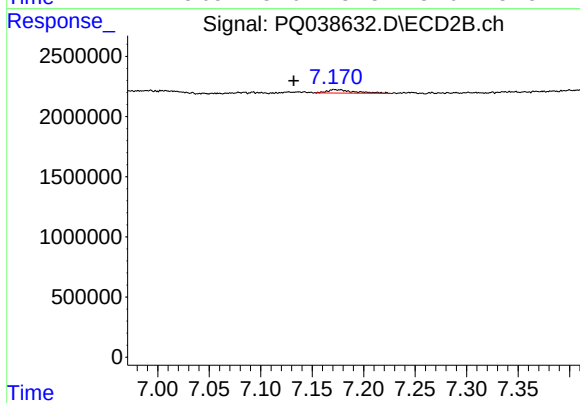
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.634 min
Response: 0
Conc: N.D.



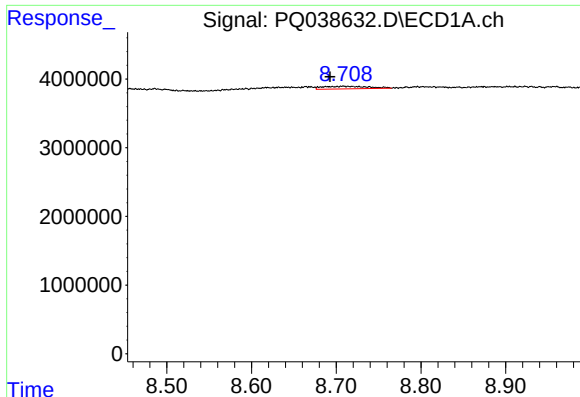
#36 AR-1262-1

R.T.: 8.151 min
Delta R.T.: -0.023 min
Response: 720292
Conc: 5.68 ng/ml



#36 AR-1262-1

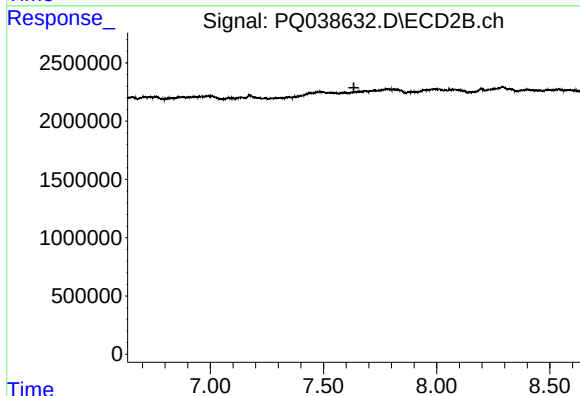
R.T.: 7.173 min
Delta R.T.: 0.041 min
Response: 518125
Conc: 2.17 ng/ml



#37 AR-1262-2

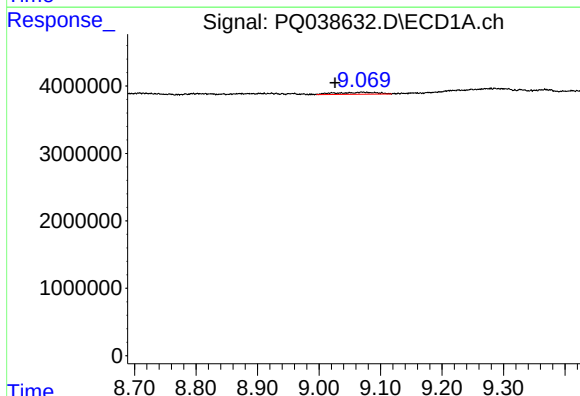
R.T.: 8.709 min
Delta R.T.: 0.016 min
Response: 1437209
Conc: 2.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



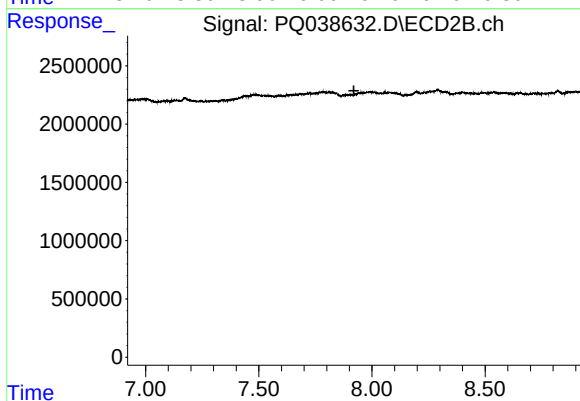
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.634 min
Response: 0
Conc: N.D.



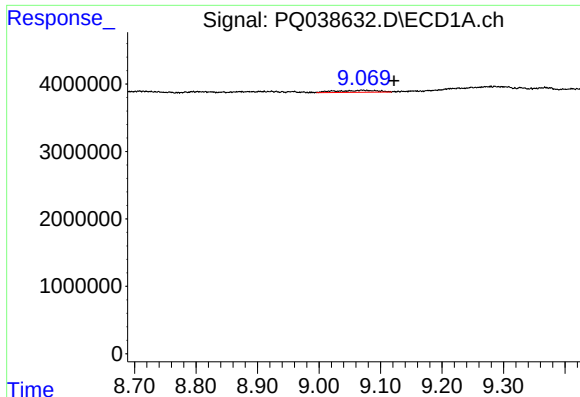
#38 AR-1262-3

R.T.: 9.070 min
Delta R.T.: 0.044 min
Response: 1413828
Conc: 4.03 ng/ml



#38 AR-1262-3

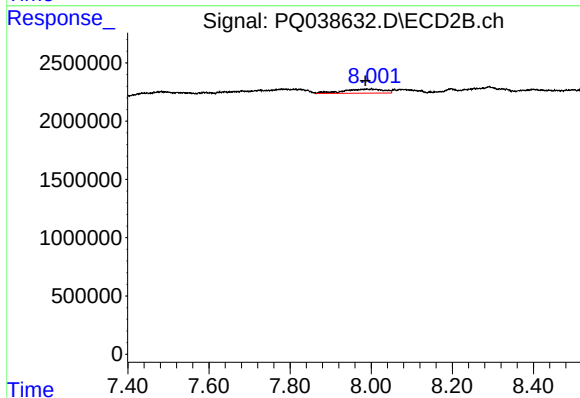
R.T.: 0.000 min
Exp R.T. : 7.920 min
Response: 0
Conc: N.D.



#39 AR-1262-4

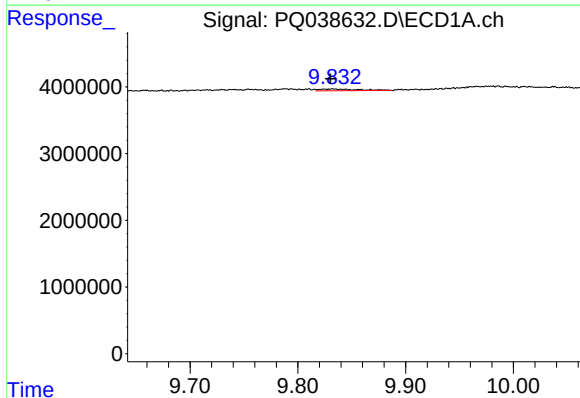
R.T.: 9.070 min
Delta R.T.: -0.052 min
Response: 1413828
Conc: 4.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



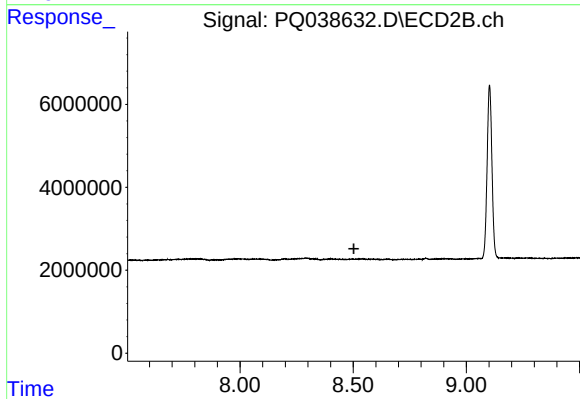
#39 AR-1262-4

R.T.: 8.001 min
Delta R.T.: 0.016 min
Response: 2491407
Conc: 8.18 ng/ml



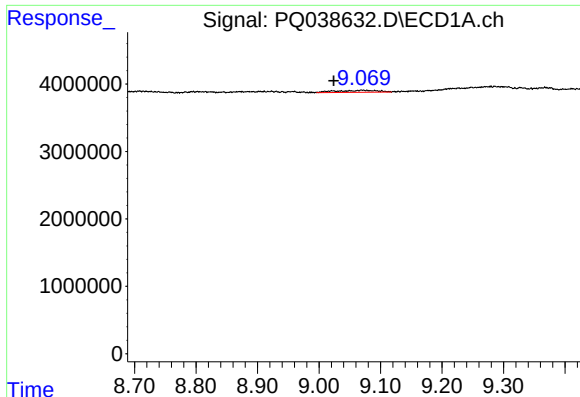
#40 AR-1262-5

R.T.: 9.833 min
Delta R.T.: 0.002 min
Response: 603767
Conc: 3.33 ng/ml



#40 AR-1262-5

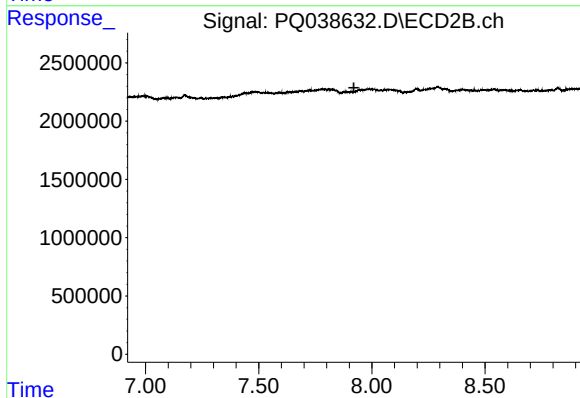
R.T.: 0.000 min
Exp R.T.: 8.503 min
Response: 0
Conc: N.D.



#41 AR-1268-1

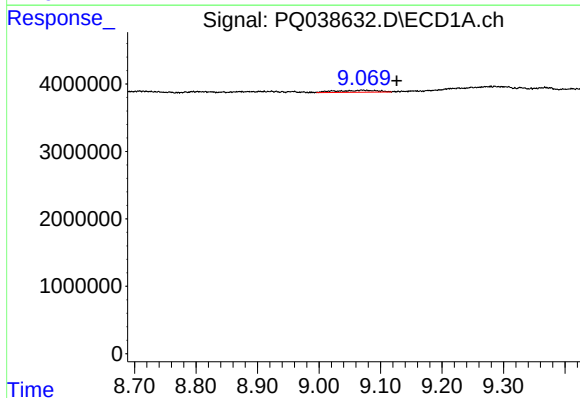
R.T.: 9.070 min
Delta R.T.: 0.046 min
Response: 1413828
Conc: 2.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



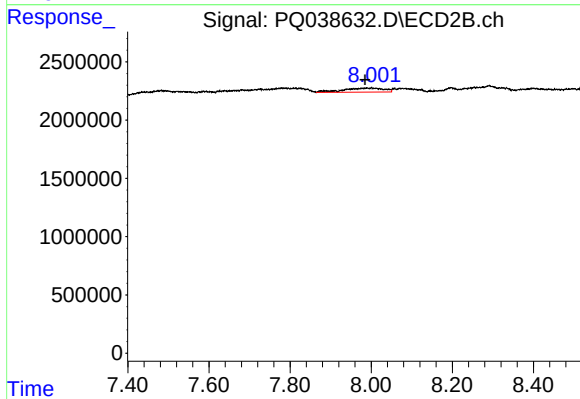
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.920 min
Response: 0
Conc: N.D.



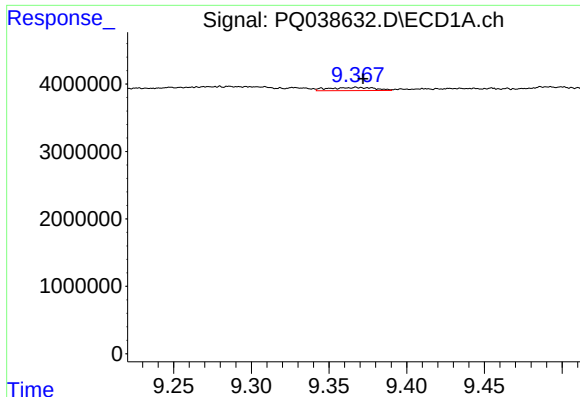
#42 AR-1268-2

R.T.: 9.070 min
Delta R.T.: -0.056 min
Response: 1413828
Conc: 2.30 ng/ml



#42 AR-1268-2

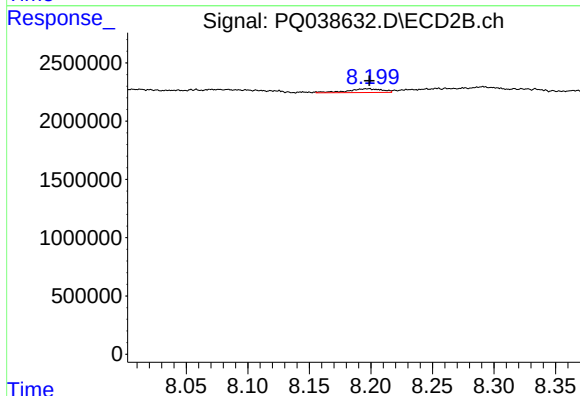
R.T.: 8.001 min
Delta R.T.: 0.017 min
Response: 2491407
Conc: 5.71 ng/ml



#43 AR-1268-3

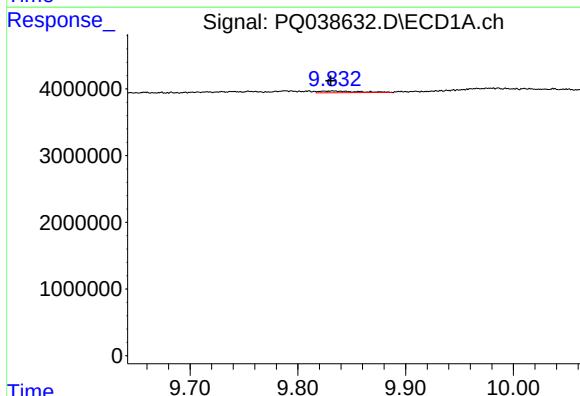
R.T.: 9.368 min
Delta R.T.: -0.004 min
Response: 968235
Conc: 1.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



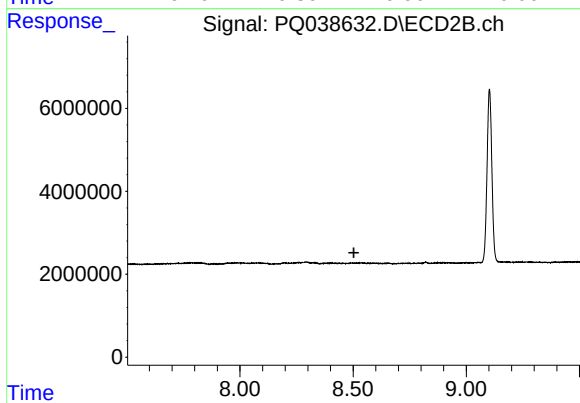
#43 AR-1268-3

R.T.: 8.197 min
Delta R.T.: -0.002 min
Response: 628782
Conc: 1.76 ng/ml



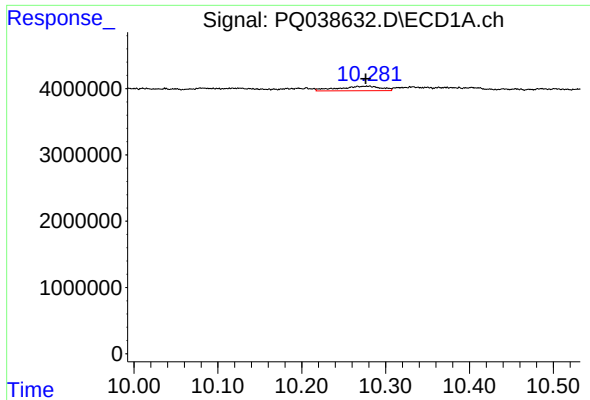
#44 AR-1268-4

R.T.: 9.833 min
Delta R.T.: 0.002 min
Response: 603767
Conc: 2.76 ng/ml



#44 AR-1268-4

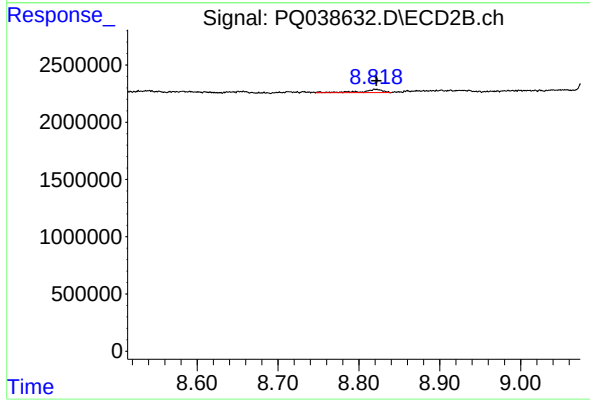
R.T.: 0.000 min
Exp R.T.: 8.504 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.278 min
Delta R.T.: 0.001 min
Response: 2411706
Conc: 1.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.821 min
Delta R.T.: 0.000 min
Response: 512116
Conc: 0.44 ng/ml