

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040319\
 Data File : PQ038661.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2019 22:58
 Operator : AJ\SJ
 Sample : K1560-01
 Misc : AR1232 LOD 25 PPB
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 03:40:53 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	3.986	155.1E6	81342357	20.967	19.850
2)	SA Decachlor...	10.639	9.102	114.5E6	57466974	22.000	18.436
Target Compounds							
3)	L1 AR-1016-1	5.883	5.086	4060261	1404908	17.744	10.064 #
4)	L1 AR-1016-2	5.906	5.107	5165784	1967513	15.360	9.821 #
5)	L1 AR-1016-3	5.970	5.287	5915952	738825	29.480	8.008 #
6)	L1 AR-1016-4	6.070	5.324	5117825	854018	31.099	10.662 #
7)	L1 AR-1016-5	6.365	5.541	2799340	826349	17.696	8.063 #
8)	L2 AR-1221-1	4.912	4.198	1424236	942029	20.202	23.351
9)	L2 AR-1221-2	5.013	4.292	2820092	1534521	56.244	52.174
10)	L2 AR-1221-3	5.080	4.367	4221509	2558059	26.335	26.577
11)	L3 AR-1232-1	5.080	4.367	4221509	2558059	31.753	32.219
12)	L3 AR-1232-2	5.615	5.107	3489748	1967513	53.988	26.667 #
13)	L3 AR-1232-3	5.906	5.287	5165784	738825	40.206	21.715 #
14)	L3 AR-1232-4	6.070	5.368	5117825	1243381	78.427	37.676 #
15)	L3 AR-1232-5	6.157	5.541	3486708	826349	70.644	23.770 #
16)	L4 AR-1242-1	5.883	5.086	4060261	1404908	25.302	14.381 #
17)	L4 AR-1242-2	5.906	5.107	5165784	1967513	21.902	14.029 #
18)	L4 AR-1242-3	5.970	5.287	5915952	738825	40.679	11.100 #
19)	L4 AR-1242-4	6.070	5.368	5117825	1243381	42.817	18.145 #
20)	L4 AR-1242-5	6.808	5.894	2183629	1091994	19.519	12.619 #
21)	L5 AR-1248-1	5.883	5.086	4060261	1404908	34.660	19.680 #
22)	L5 AR-1248-2	6.157	5.324	3486708	854018	21.814	9.297 #
23)	L5 AR-1248-3	6.365	5.368	2799340	1243381	16.298	13.199
24)	L5 AR-1248-4	6.770	5.541	2009106	826349	11.327	7.201 #
25)	L5 AR-1248-5	6.808	5.936	2183629	643686	12.873	5.942 #
26)	L6 AR-1254-1	6.743	5.894	1951848	1091994	9.947	5.917 #
27)	L6 AR-1254-2	6.969	0.000	1898507	0	6.542	N.D. #
28)	L6 AR-1254-3	7.337	6.449	2361912	634588	7.894	2.445 #
29)	L6 AR-1254-4	7.619	0.000	543866	0	2.732	N.D. #
30)	L6 AR-1254-5	8.040	0.000	4017243	0	15.209	N.D. #
31)	L7 AR-1260-1	7.498	0.000	302213	0	1.189	N.D. #
32)	L7 AR-1260-2	7.684	6.764	497233	550809	1.676	2.532 #
33)	L7 AR-1260-3	8.172	0.000	325491	0	1.421	N.D. #
34)	L7 AR-1260-4	8.354	0.000	212462	0	0.801	N.D. #
35)	L7 AR-1260-5	8.699	0.000	1097111	0	2.159	N.D. #
36)	L8 AR-1262-1	8.172	7.176	325491	318598	2.567	1.332 #
37)	L8 AR-1262-2	8.699	0.000	1097111	0	2.130	N.D. #
38)	L8 AR-1262-3	0.000	7.961	0	2312111	N.D.	14.489 #
39)	L8 AR-1262-4	9.122	7.961	481292	2312111	1.666	7.592 #
40)	L8 AR-1262-5	0.000	8.442	0	553396	N.D.	4.150 #
41)	L9 AR-1268-1	0.000	7.961	0	2312111	N.D.	4.889 #

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 Operator : AJ\SJ
 Sample : K1560-01
 Misc : AR1232 LOD 25 PPB
 ALS Vial : 36 Sample Multiplier: 1

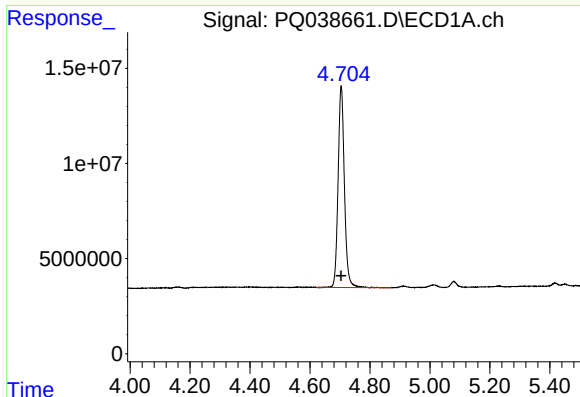
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 03:40:53 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040319.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.122	7.961	481292	2312111	0.784	5.297 #
43) L9	AR-1268-3	9.368	8.194	2483087	1267811	4.923	3.556 #
44) L9	AR-1268-4	0.000	8.442	0	553396	N.D.	3.690 #
45) L9	AR-1268-5	10.277	8.821	1837904	1585445	1.070	1.372 #

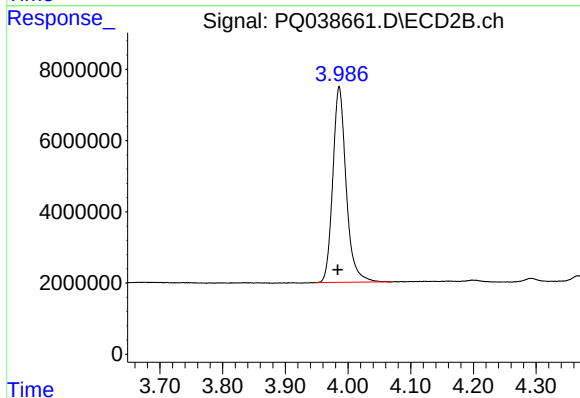
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

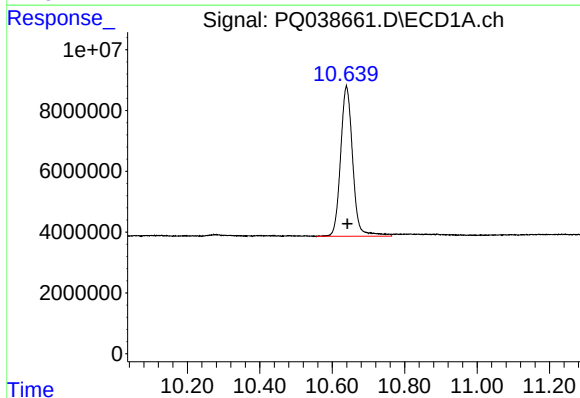
R.T.: 4.704 min
Delta R.T.: 0.000 min
Response: 155090203
Conc: 20.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



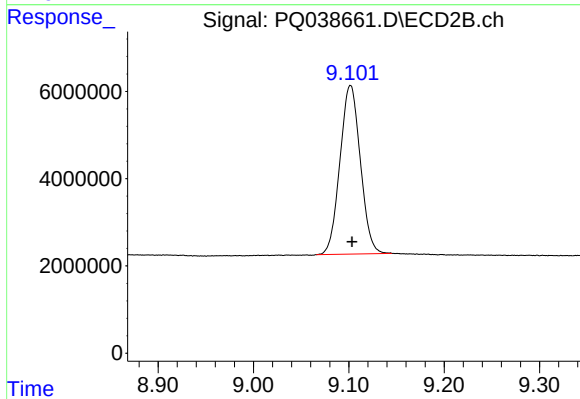
#1 Tetrachloro-m-xylene

R.T.: 3.986 min
Delta R.T.: 0.002 min
Response: 81342357
Conc: 19.85 ng/ml



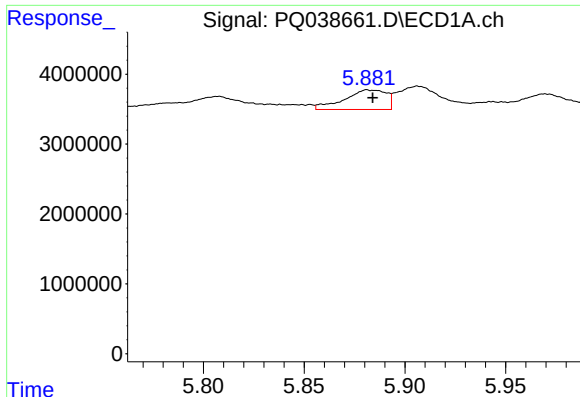
#2 Decachlorobiphenyl

R.T.: 10.639 min
Delta R.T.: -0.003 min
Response: 114527775
Conc: 22.00 ng/ml



#2 Decachlorobiphenyl

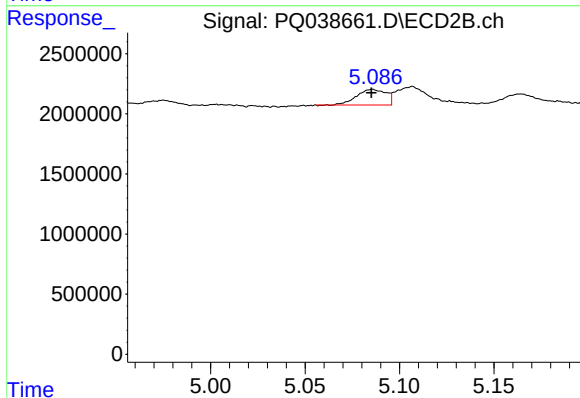
R.T.: 9.102 min
Delta R.T.: -0.002 min
Response: 57466974
Conc: 18.44 ng/ml



#3 AR-1016-1

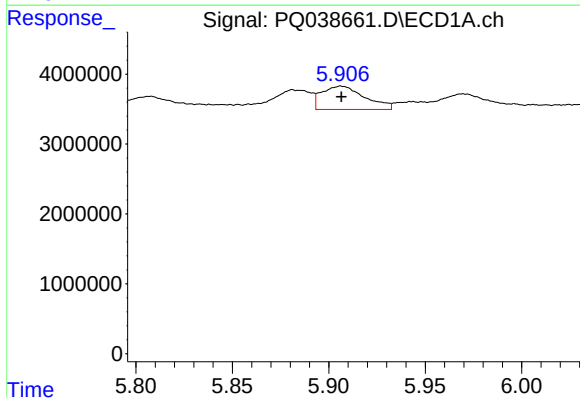
R.T.: 5.883 min
Delta R.T.: 0.000 min
Response: 4060261
Conc: 17.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



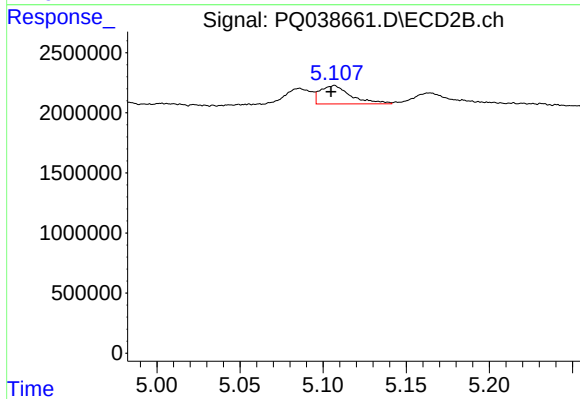
#3 AR-1016-1

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 1404908
Conc: 10.06 ng/ml



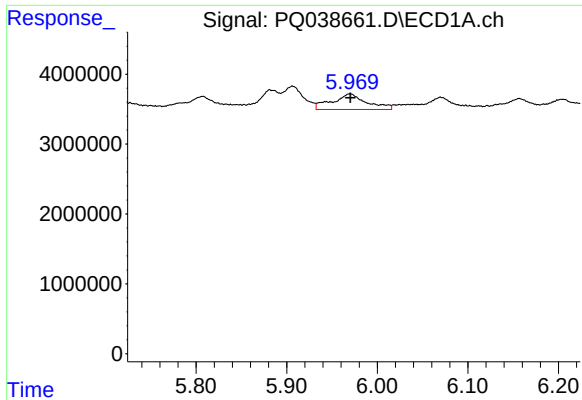
#4 AR-1016-2

R.T.: 5.906 min
Delta R.T.: 0.000 min
Response: 5165784
Conc: 15.36 ng/ml



#4 AR-1016-2

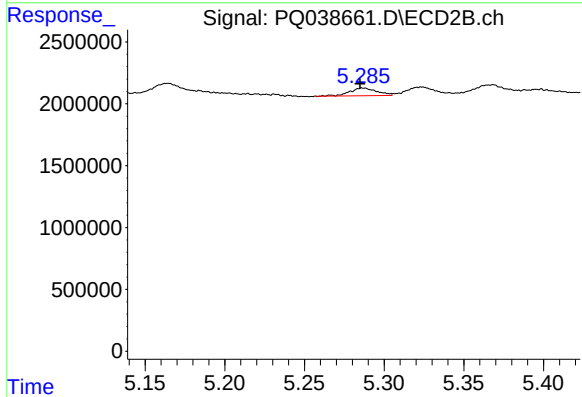
R.T.: 5.107 min
Delta R.T.: 0.002 min
Response: 1967513
Conc: 9.82 ng/ml



#5 AR-1016-3

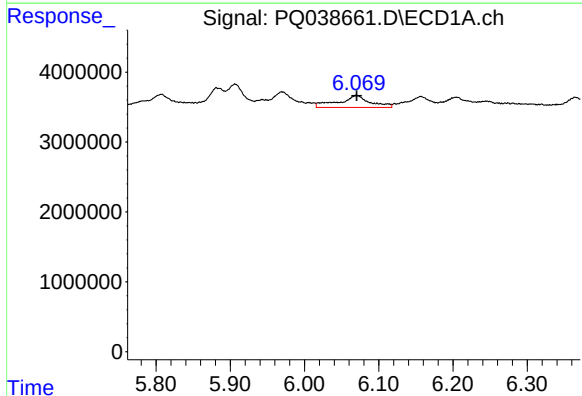
R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 5915952
Conc: 29.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



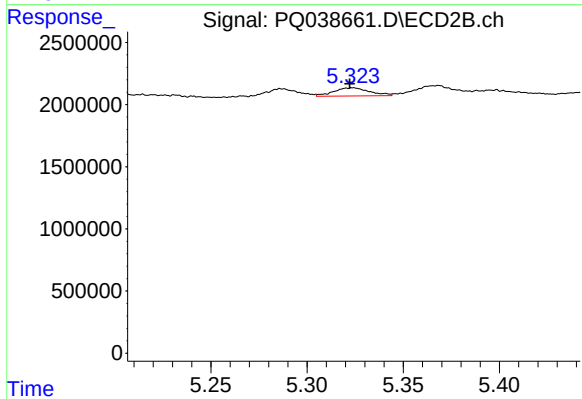
#5 AR-1016-3

R.T.: 5.287 min
Delta R.T.: 0.002 min
Response: 738825
Conc: 8.01 ng/ml



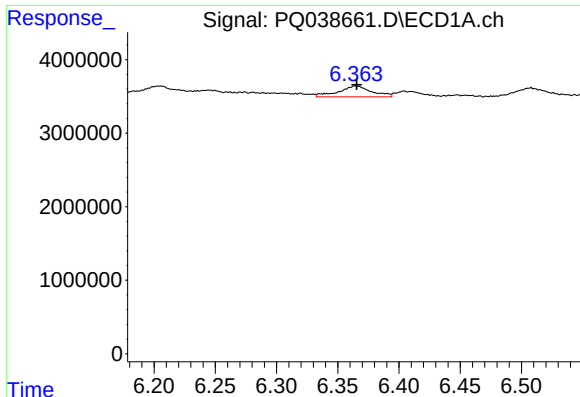
#6 AR-1016-4

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 5117825
Conc: 31.10 ng/ml



#6 AR-1016-4

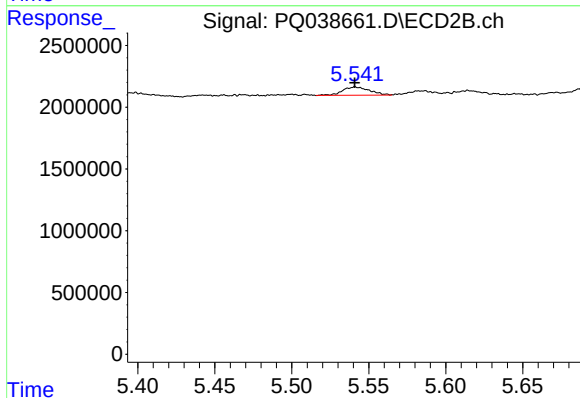
R.T.: 5.324 min
Delta R.T.: 0.001 min
Response: 854018
Conc: 10.66 ng/ml



#7 AR-1016-5

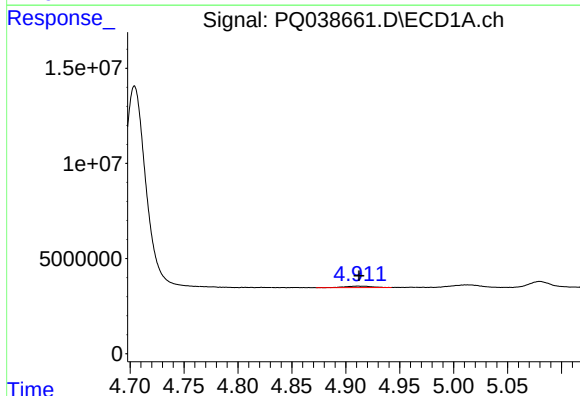
R.T.: 6.365 min
Delta R.T.: 0.000 min
Response: 2799340
Conc: 17.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



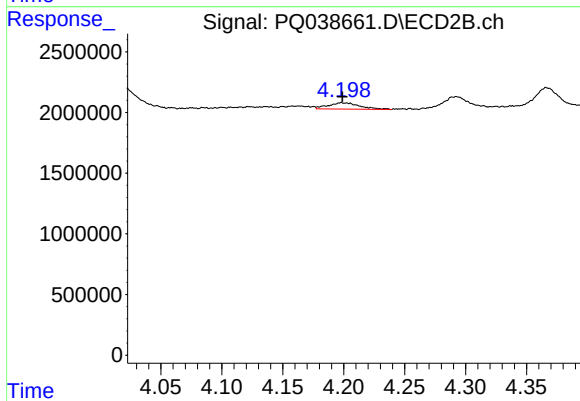
#7 AR-1016-5

R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 826349
Conc: 8.06 ng/ml



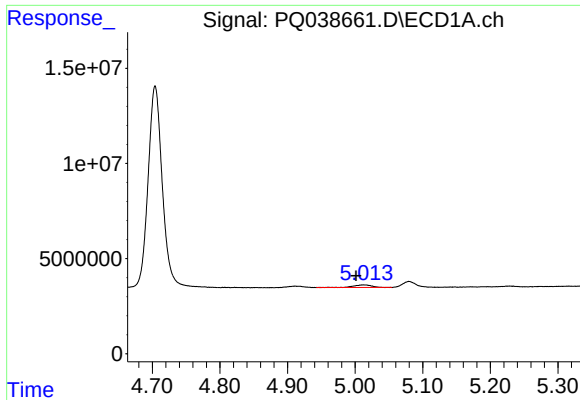
#8 AR-1221-1

R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 1424236
Conc: 20.20 ng/ml



#8 AR-1221-1

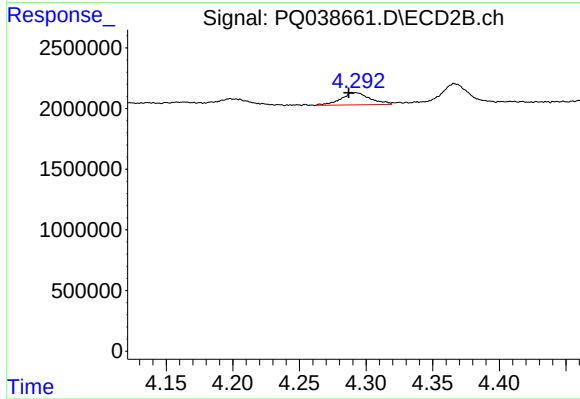
R.T.: 4.198 min
Delta R.T.: 0.000 min
Response: 942029
Conc: 23.35 ng/ml



#9 AR-1221-2

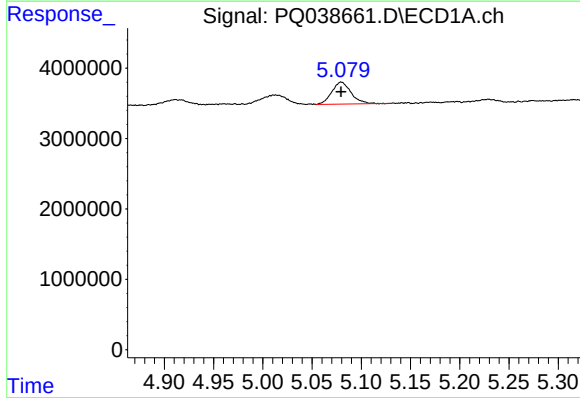
R.T.: 5.013 min
Delta R.T.: 0.011 min
Response: 2820092
Conc: 56.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



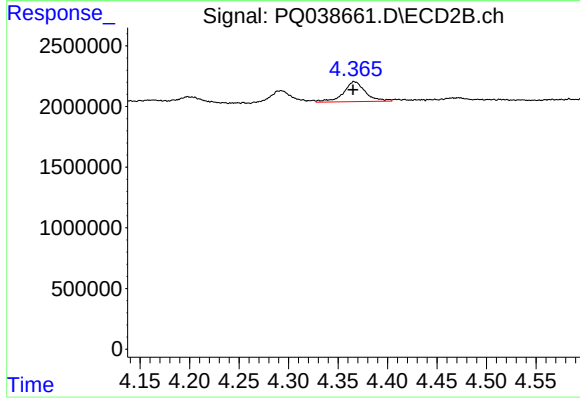
#9 AR-1221-2

R.T.: 4.292 min
Delta R.T.: 0.005 min
Response: 1534521
Conc: 52.17 ng/ml



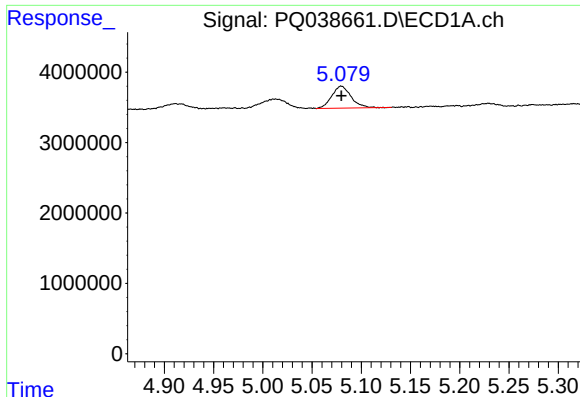
#10 AR-1221-3

R.T.: 5.080 min
Delta R.T.: 0.000 min
Response: 4221509
Conc: 26.34 ng/ml



#10 AR-1221-3

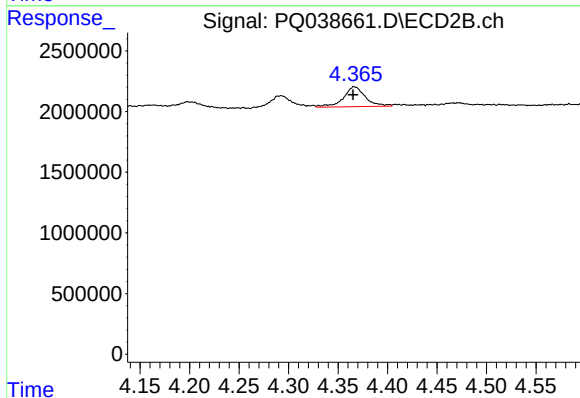
R.T.: 4.367 min
Delta R.T.: 0.001 min
Response: 2558059
Conc: 26.58 ng/ml



#11 AR-1232-1

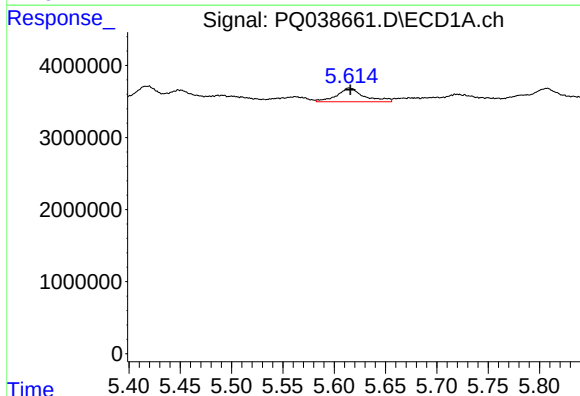
R.T.: 5.080 min
Delta R.T.: 0.000 min
Response: 4221509
Conc: 31.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



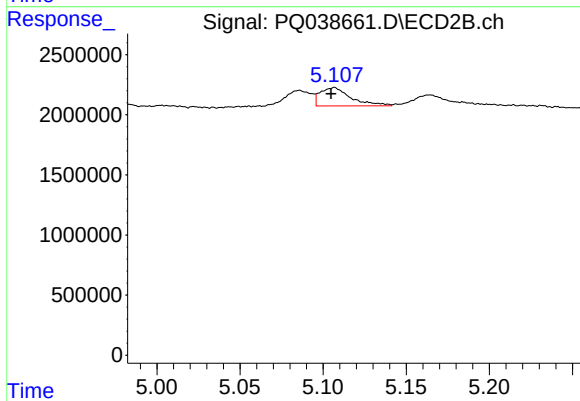
#11 AR-1232-1

R.T.: 4.367 min
Delta R.T.: 0.002 min
Response: 2558059
Conc: 32.22 ng/ml



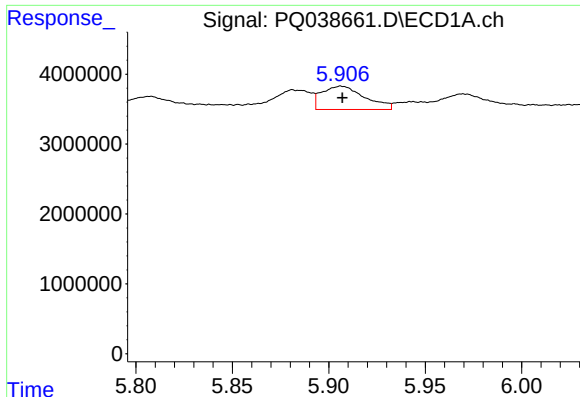
#12 AR-1232-2

R.T.: 5.615 min
Delta R.T.: -0.001 min
Response: 3489748
Conc: 53.99 ng/ml



#12 AR-1232-2

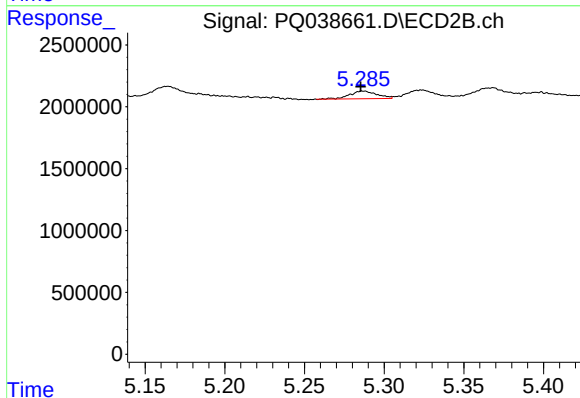
R.T.: 5.107 min
Delta R.T.: 0.002 min
Response: 1967513
Conc: 26.67 ng/ml



#13 AR-1232-3

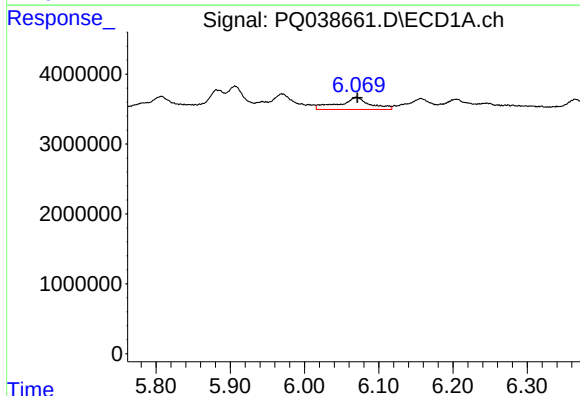
R.T.: 5.906 min
Delta R.T.: 0.000 min
Response: 5165784
Conc: 40.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



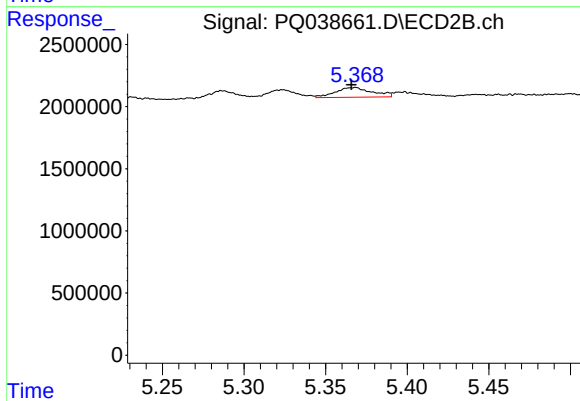
#13 AR-1232-3

R.T.: 5.287 min
Delta R.T.: 0.001 min
Response: 738825
Conc: 21.72 ng/ml



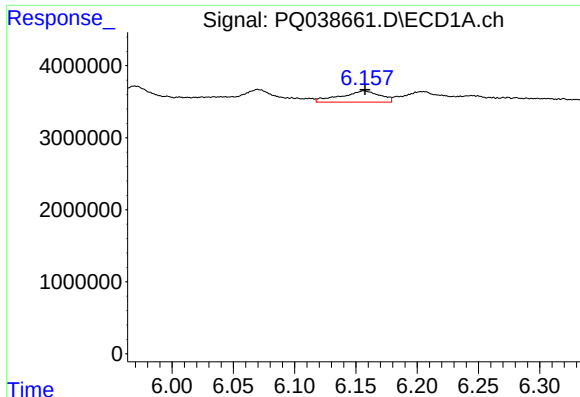
#14 AR-1232-4

R.T.: 6.070 min
Delta R.T.: -0.001 min
Response: 5117825
Conc: 78.43 ng/ml



#14 AR-1232-4

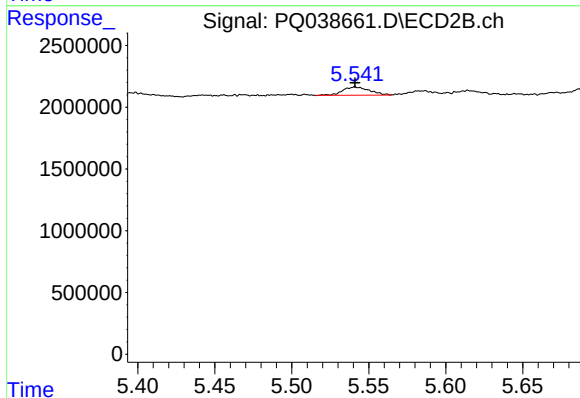
R.T.: 5.368 min
Delta R.T.: 0.002 min
Response: 1243381
Conc: 37.68 ng/ml



#15 AR-1232-5

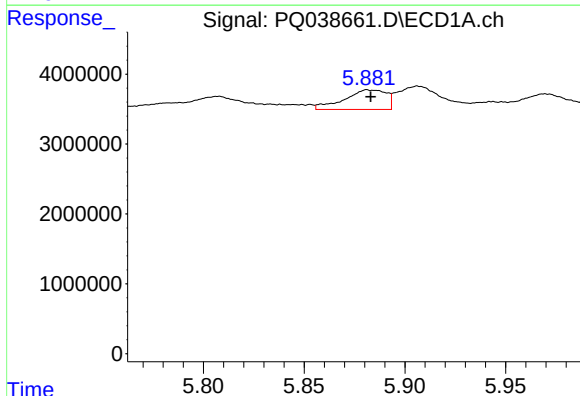
R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 3486708
Conc: 70.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



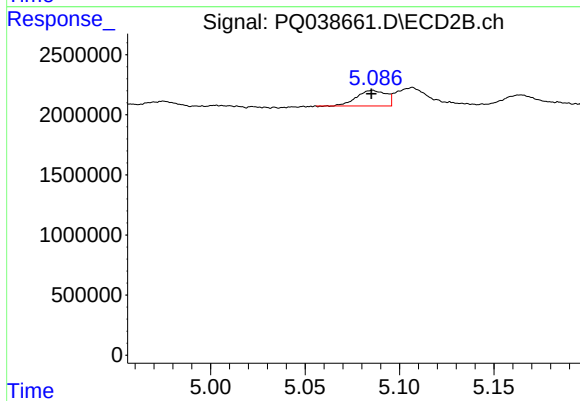
#15 AR-1232-5

R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 826349
Conc: 23.77 ng/ml



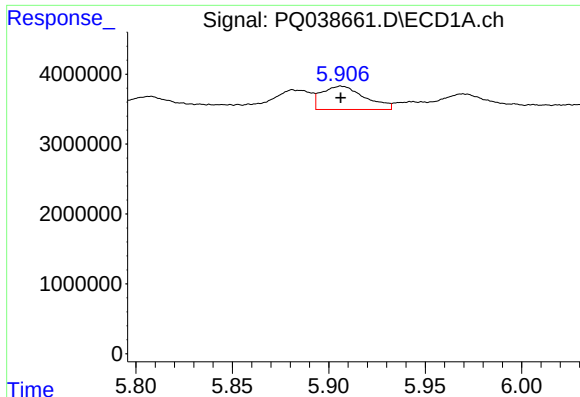
#16 AR-1242-1

R.T.: 5.883 min
Delta R.T.: 0.000 min
Response: 4060261
Conc: 25.30 ng/ml



#16 AR-1242-1

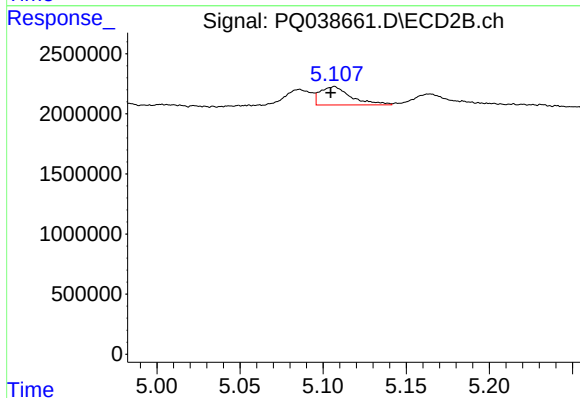
R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 1404908
Conc: 14.38 ng/ml



#17 AR-1242-2

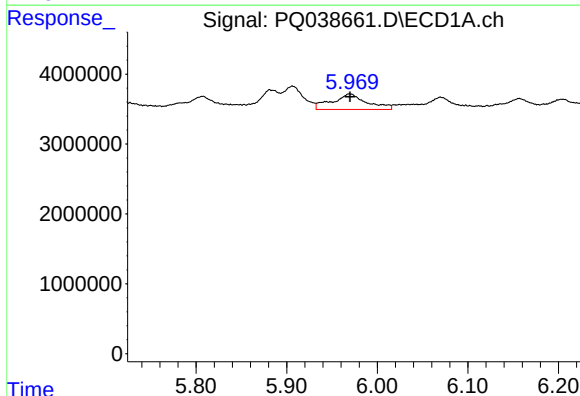
R.T.: 5.906 min
Delta R.T.: 0.000 min
Response: 5165784
Conc: 21.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



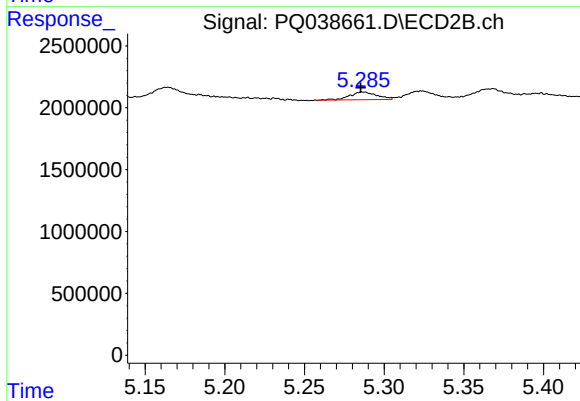
#17 AR-1242-2

R.T.: 5.107 min
Delta R.T.: 0.002 min
Response: 1967513
Conc: 14.03 ng/ml



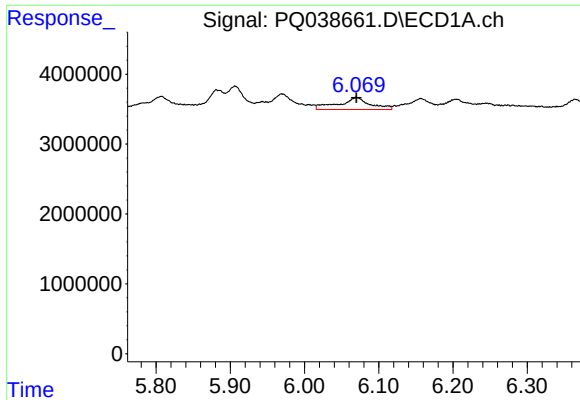
#18 AR-1242-3

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 5915952
Conc: 40.68 ng/ml



#18 AR-1242-3

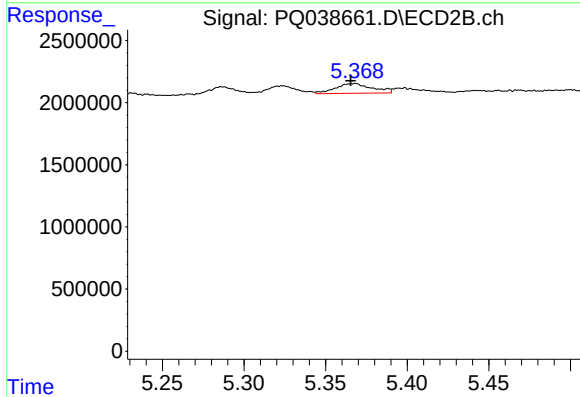
R.T.: 5.287 min
Delta R.T.: 0.001 min
Response: 738825
Conc: 11.10 ng/ml



#19 AR-1242-4

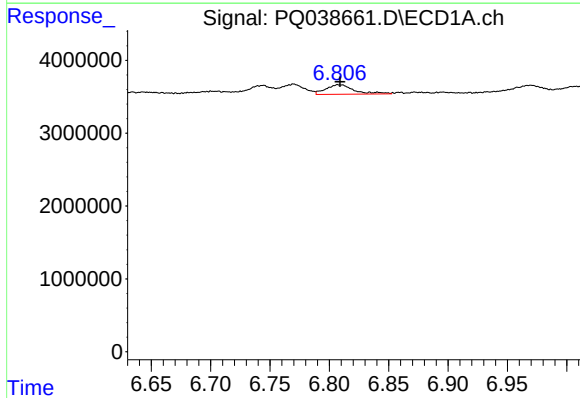
R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 5117825
Conc: 42.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



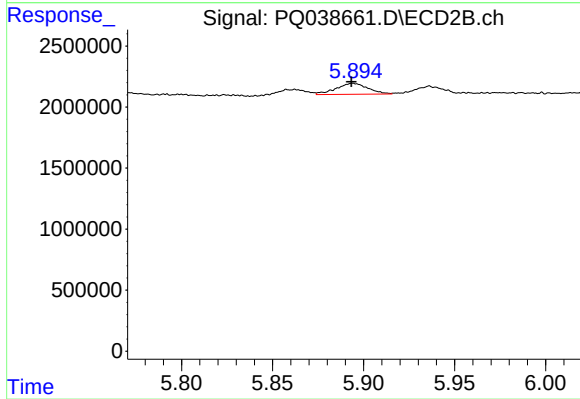
#19 AR-1242-4

R.T.: 5.368 min
Delta R.T.: 0.002 min
Response: 1243381
Conc: 18.14 ng/ml



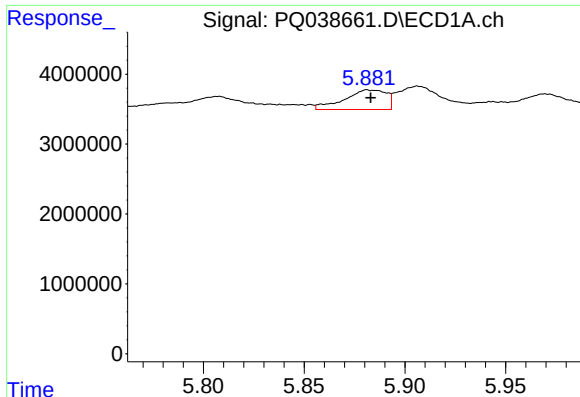
#20 AR-1242-5

R.T.: 6.808 min
Delta R.T.: 0.000 min
Response: 2183629
Conc: 19.52 ng/ml



#20 AR-1242-5

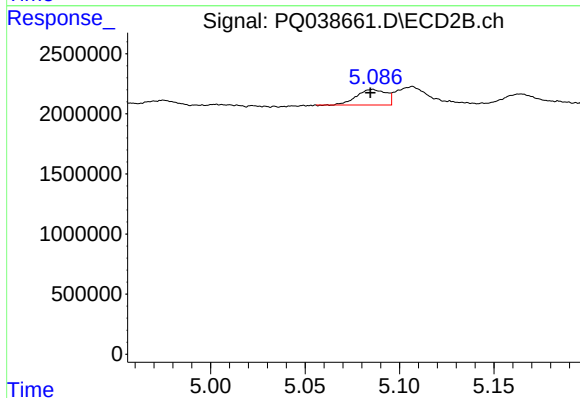
R.T.: 5.894 min
Delta R.T.: 0.001 min
Response: 1091994
Conc: 12.62 ng/ml



#21 AR-1248-1

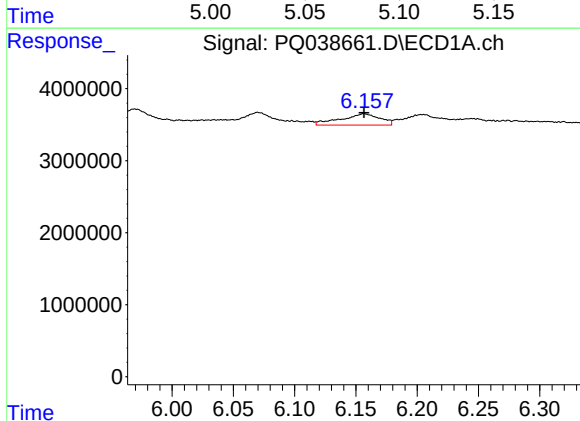
R.T.: 5.883 min
Delta R.T.: 0.000 min
Response: 4060261
Conc: 34.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



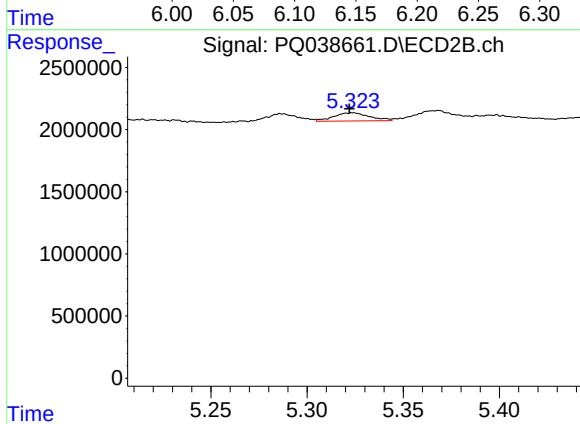
#21 AR-1248-1

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 1404908
Conc: 19.68 ng/ml



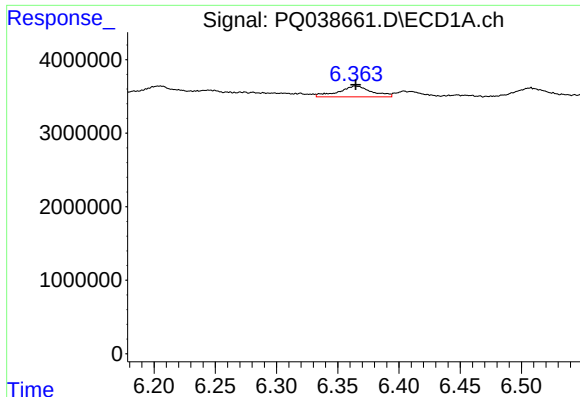
#22 AR-1248-2

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 3486708
Conc: 21.81 ng/ml



#22 AR-1248-2

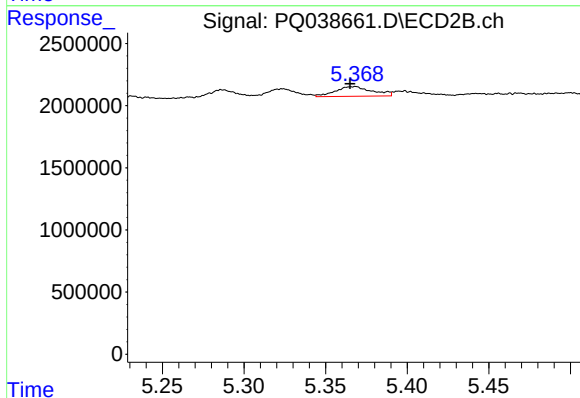
R.T.: 5.324 min
Delta R.T.: 0.001 min
Response: 854018
Conc: 9.30 ng/ml



#23 AR-1248-3

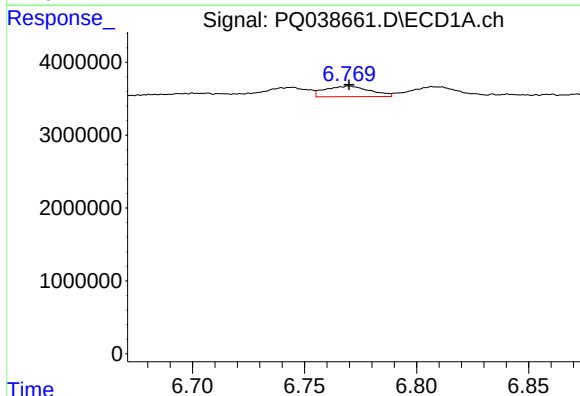
R.T.: 6.365 min
Delta R.T.: 0.000 min
Response: 2799340
Conc: 16.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



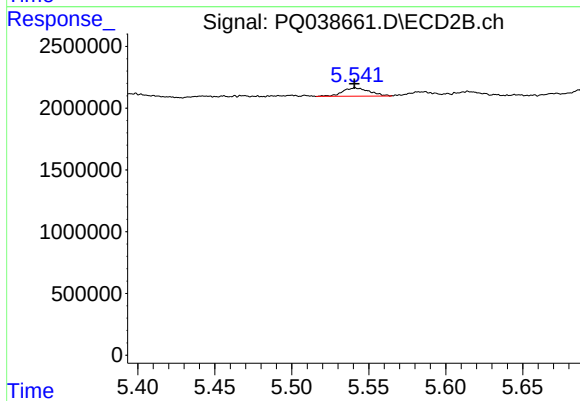
#23 AR-1248-3

R.T.: 5.368 min
Delta R.T.: 0.003 min
Response: 1243381
Conc: 13.20 ng/ml



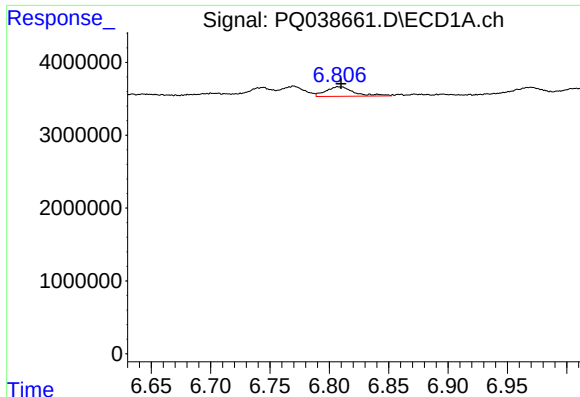
#24 AR-1248-4

R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 2009106
Conc: 11.33 ng/ml



#24 AR-1248-4

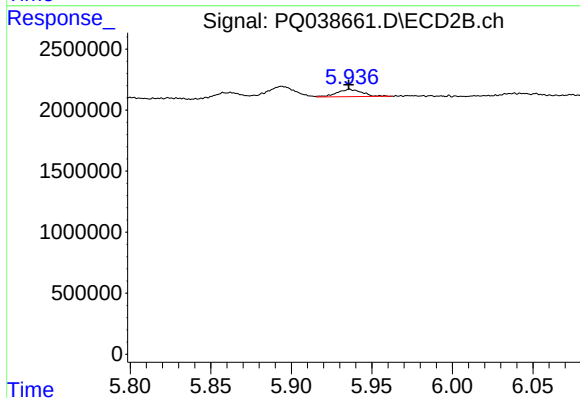
R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 826349
Conc: 7.20 ng/ml



#25 AR-1248-5

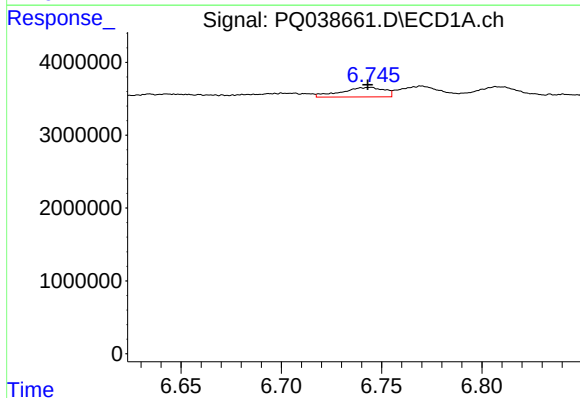
R.T.: 6.808 min
Delta R.T.: -0.001 min
Response: 2183629
Conc: 12.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



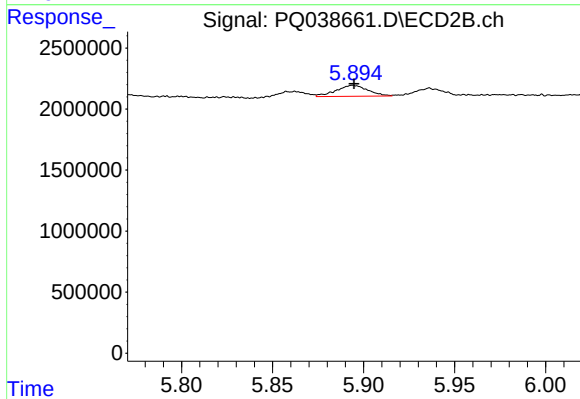
#25 AR-1248-5

R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 643686
Conc: 5.94 ng/ml



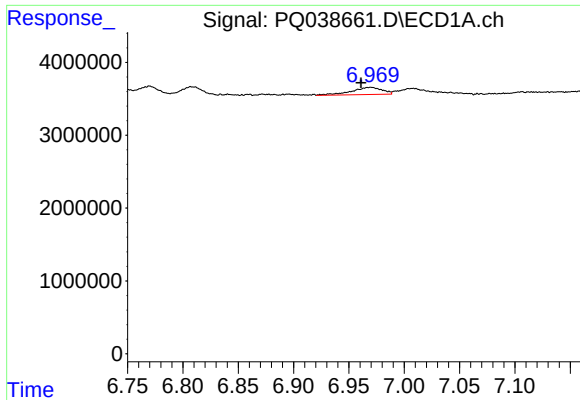
#26 AR-1254-1

R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 1951848
Conc: 9.95 ng/ml



#26 AR-1254-1

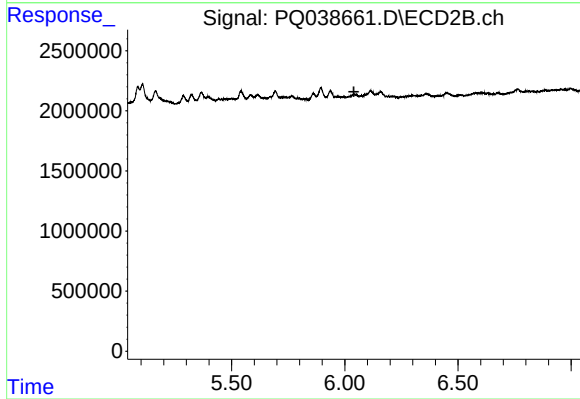
R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 1091994
Conc: 5.92 ng/ml



#27 AR-1254-2

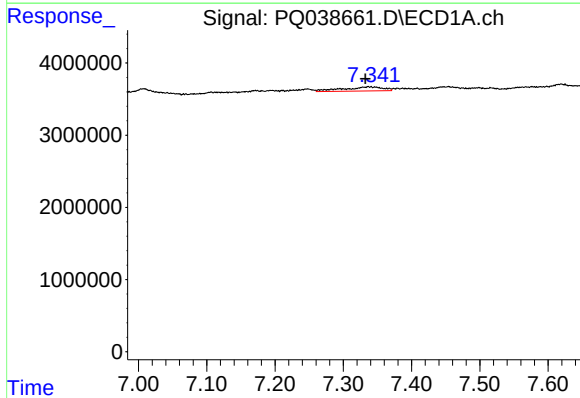
R.T.: 6.969 min
Delta R.T.: 0.008 min
Response: 1898507
Conc: 6.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



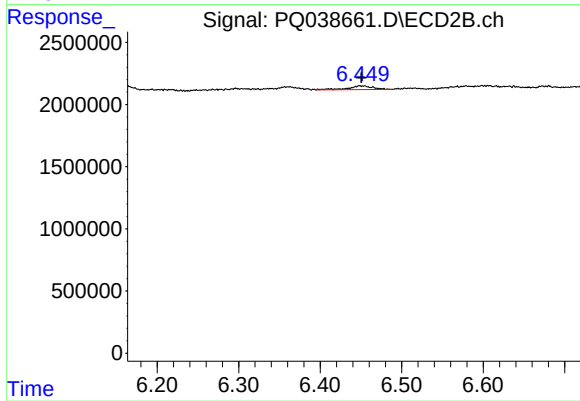
#27 AR-1254-2

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



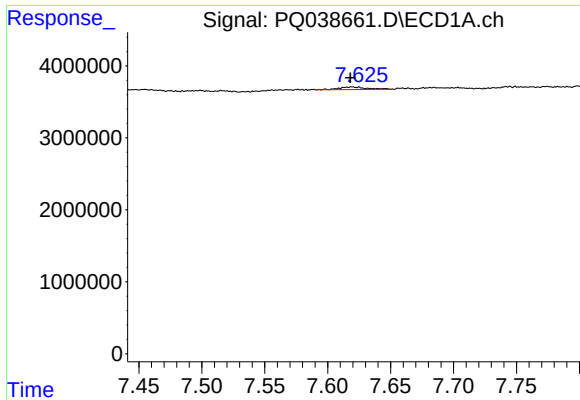
#28 AR-1254-3

R.T.: 7.337 min
Delta R.T.: 0.005 min
Response: 2361912
Conc: 7.89 ng/ml



#28 AR-1254-3

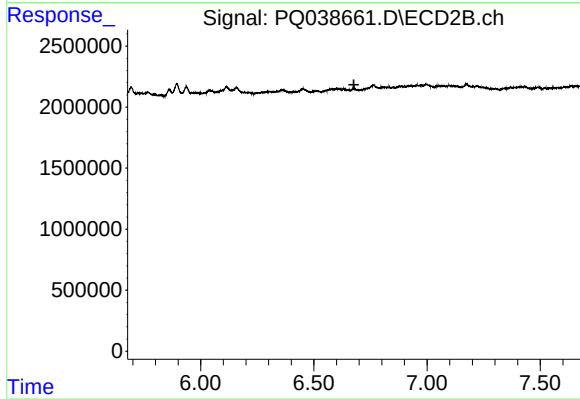
R.T.: 6.449 min
Delta R.T.: -0.002 min
Response: 634588
Conc: 2.44 ng/ml



#29 AR-1254-4

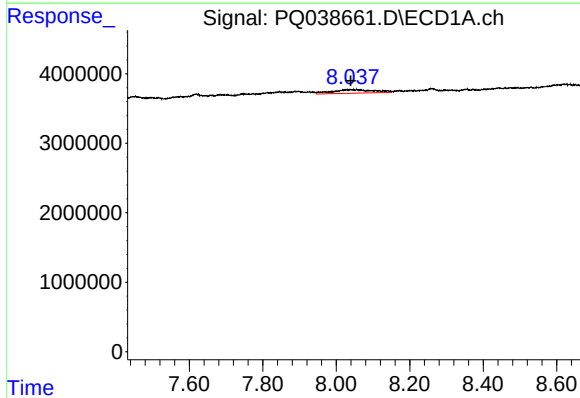
R.T.: 7.619 min
Delta R.T.: 0.001 min
Response: 543866
Conc: 2.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



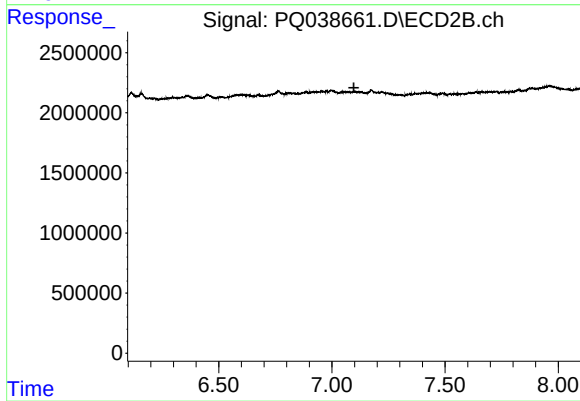
#29 AR-1254-4

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



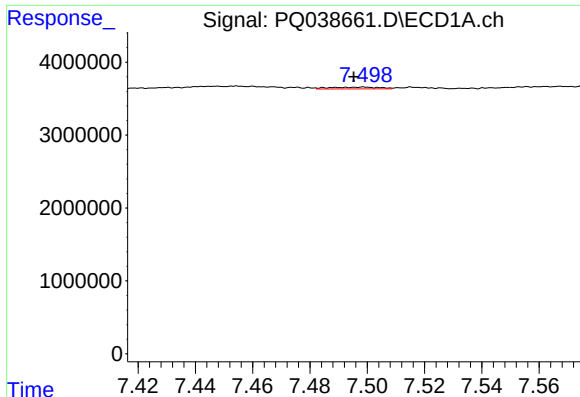
#30 AR-1254-5

R.T.: 8.040 min
Delta R.T.: 0.000 min
Response: 4017243
Conc: 15.21 ng/ml



#30 AR-1254-5

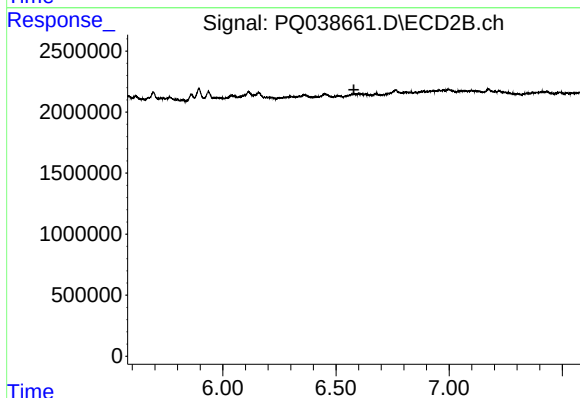
R.T.: 0.000 min
Exp R.T. : 7.097 min
Response: 0
Conc: N.D.



#31 AR-1260-1

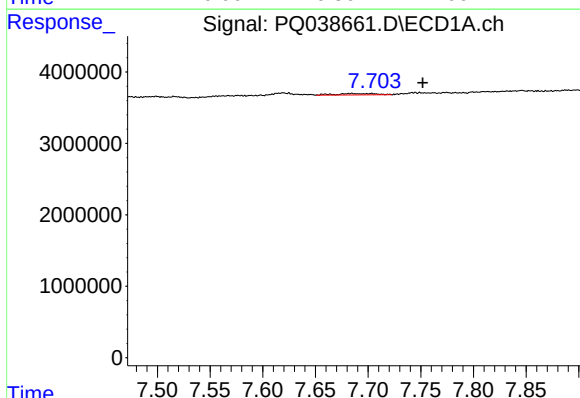
R.T.: 7.498 min
Delta R.T.: 0.003 min
Response: 302213
Conc: 1.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



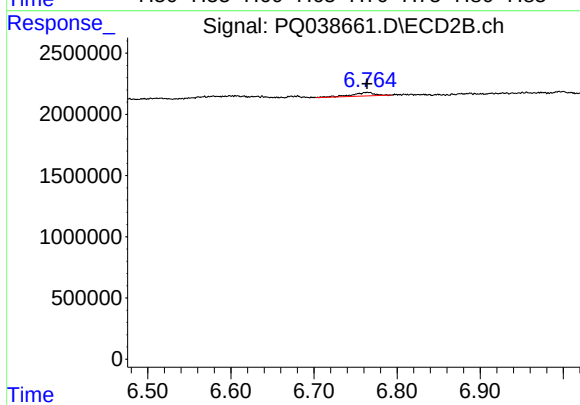
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.579 min
Response: 0
Conc: N.D.



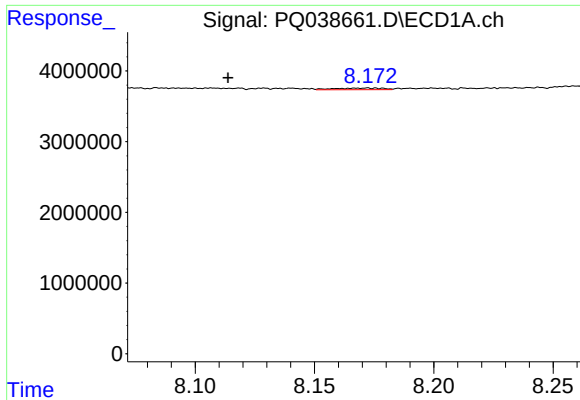
#32 AR-1260-2

R.T.: 7.684 min
Delta R.T.: -0.068 min
Response: 497233
Conc: 1.68 ng/ml



#32 AR-1260-2

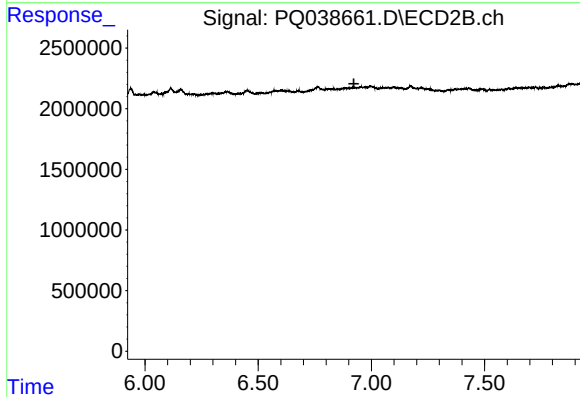
R.T.: 6.764 min
Delta R.T.: 0.000 min
Response: 550809
Conc: 2.53 ng/ml



#33 AR-1260-3

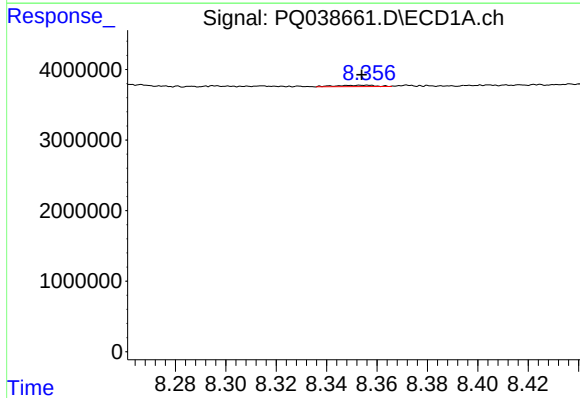
R.T.: 8.172 min
Delta R.T.: 0.058 min
Response: 325491
Conc: 1.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



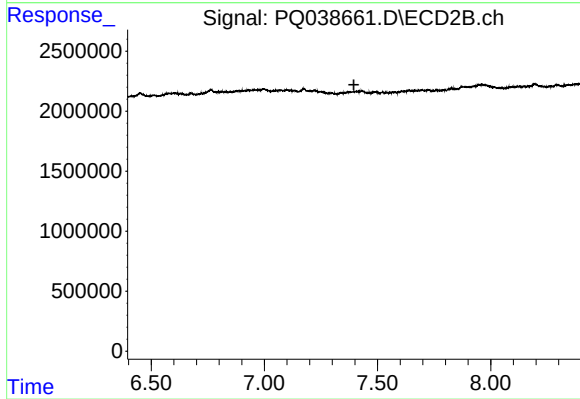
#33 AR-1260-3

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



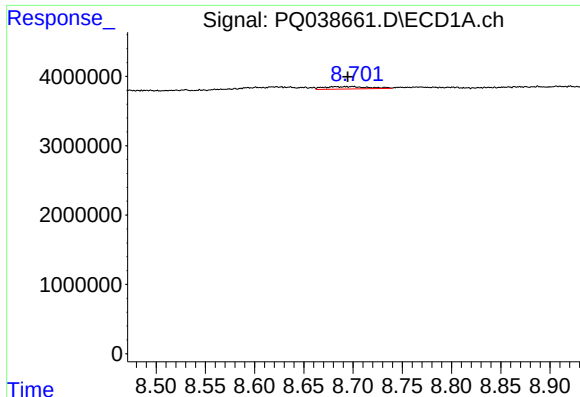
#34 AR-1260-4

R.T.: 8.354 min
Delta R.T.: 0.000 min
Response: 212462
Conc: 0.80 ng/ml



#34 AR-1260-4

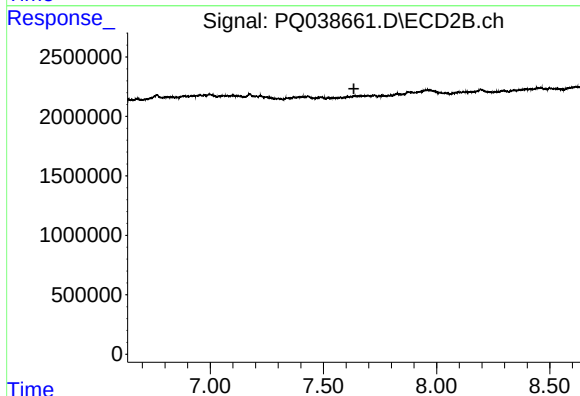
R.T.: 0.000 min
Exp R.T. : 7.396 min
Response: 0
Conc: N.D.



#35 AR-1260-5

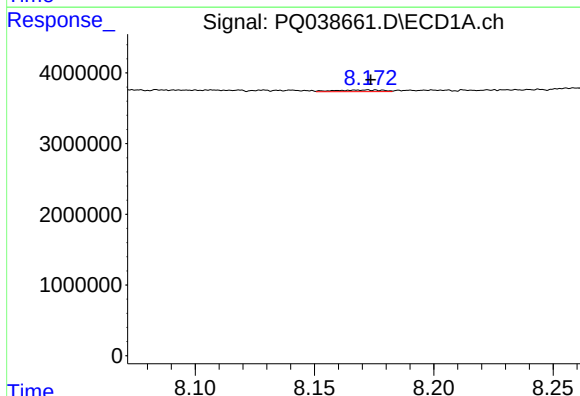
R.T.: 8.699 min
Delta R.T.: 0.004 min
Response: 1097111
Conc: 2.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



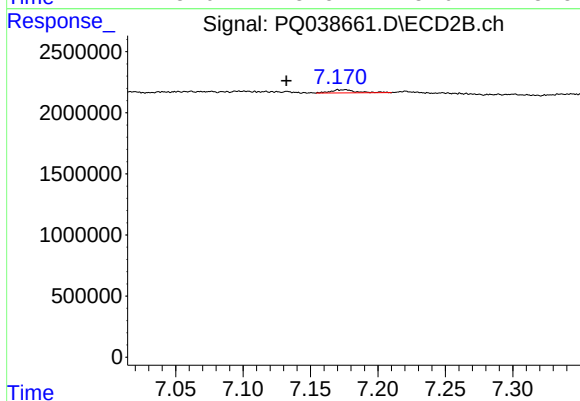
#35 AR-1260-5

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



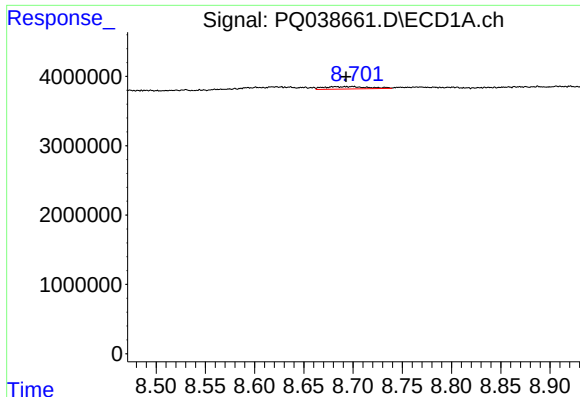
#36 AR-1262-1

R.T.: 8.172 min
Delta R.T.: -0.002 min
Response: 325491
Conc: 2.57 ng/ml



#36 AR-1262-1

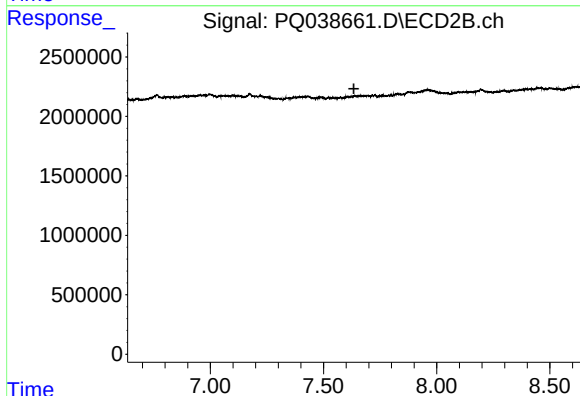
R.T.: 7.176 min
Delta R.T.: 0.044 min
Response: 318598
Conc: 1.33 ng/ml



#37 AR-1262-2

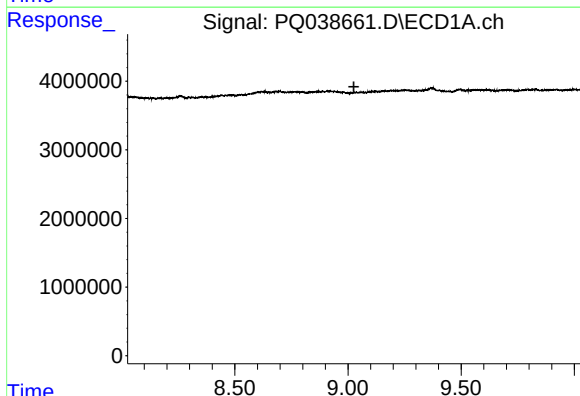
R.T.: 8.699 min
Delta R.T.: 0.006 min
Response: 1097111
Conc: 2.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



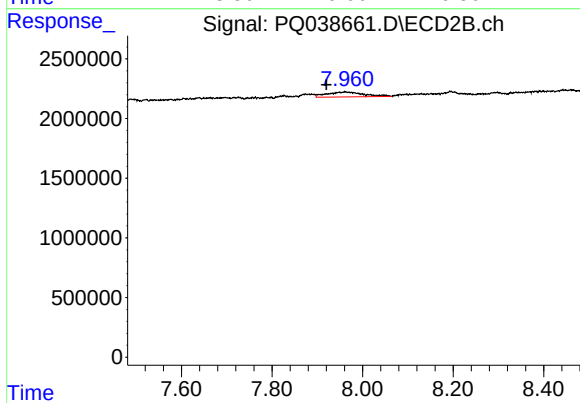
#37 AR-1262-2

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



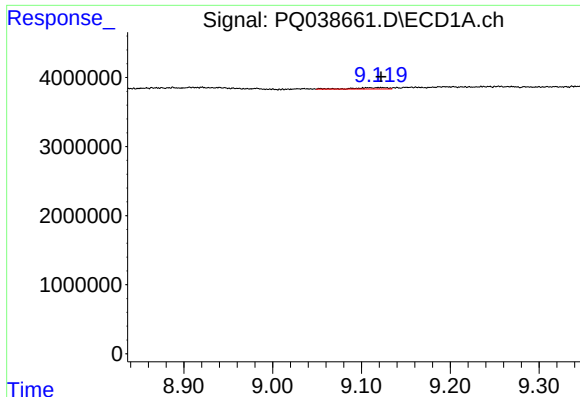
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.026 min
Response: 0
Conc: N.D.



#38 AR-1262-3

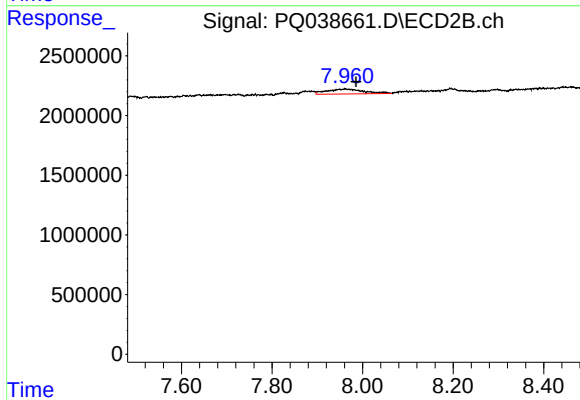
R.T.: 7.961 min
Delta R.T.: 0.041 min
Response: 2312111
Conc: 14.49 ng/ml



#39 AR-1262-4

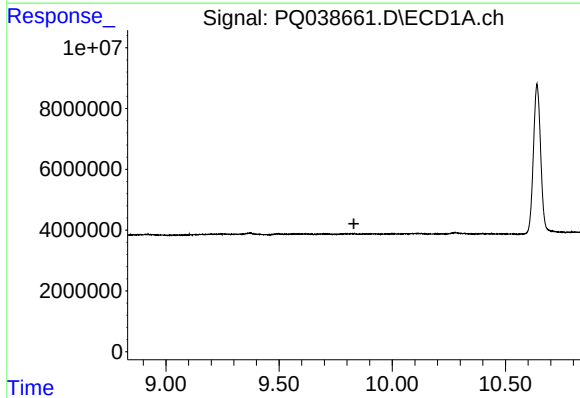
R.T.: 9.122 min
Delta R.T.: 0.000 min
Response: 481292
Conc: 1.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



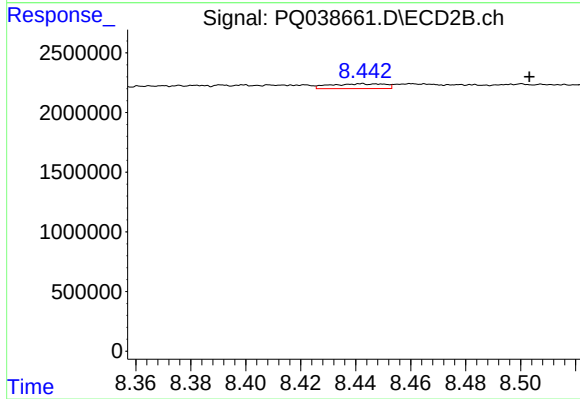
#39 AR-1262-4

R.T.: 7.961 min
Delta R.T.: -0.024 min
Response: 2312111
Conc: 7.59 ng/ml



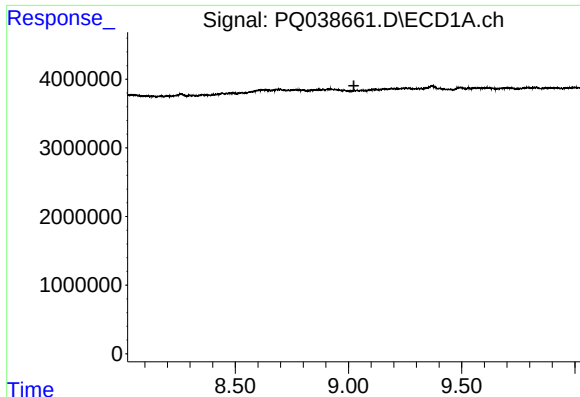
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.830 min
Response: 0
Conc: N.D.



#40 AR-1262-5

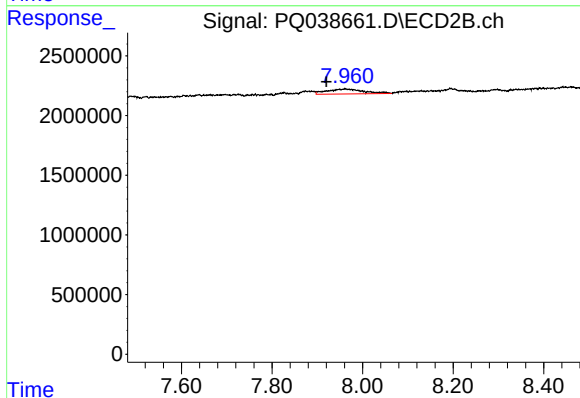
R.T.: 8.442 min
Delta R.T.: -0.061 min
Response: 553396
Conc: 4.15 ng/ml



#41 AR-1268-1

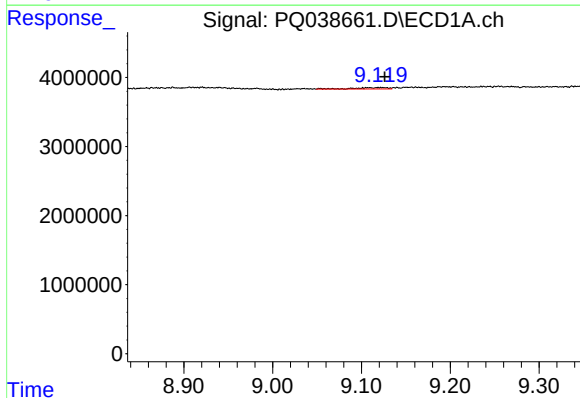
R.T.: 0.000 min
Exp R.T.: 9.024 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



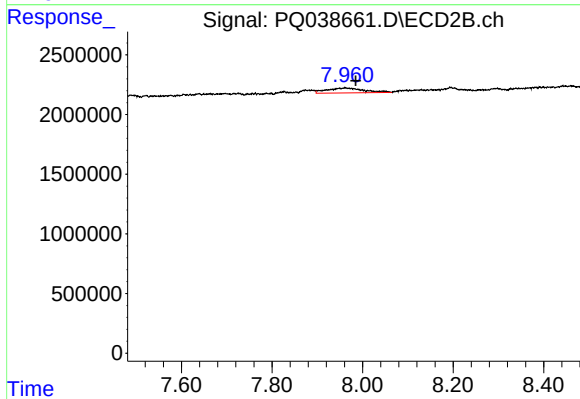
#41 AR-1268-1

R.T.: 7.961 min
Delta R.T.: 0.041 min
Response: 2312111
Conc: 4.89 ng/ml



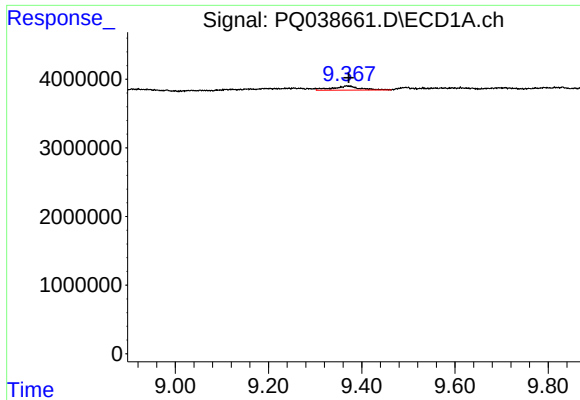
#42 AR-1268-2

R.T.: 9.122 min
Delta R.T.: -0.004 min
Response: 481292
Conc: 0.78 ng/ml



#42 AR-1268-2

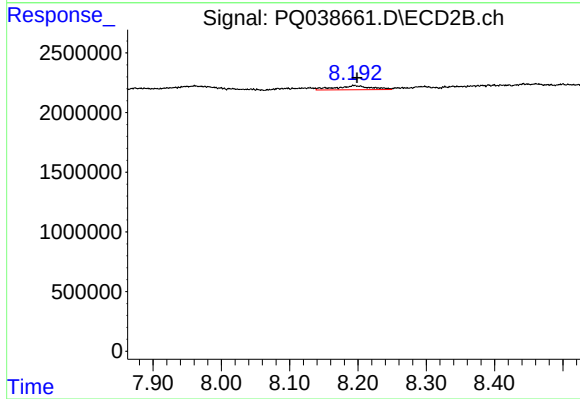
R.T.: 7.961 min
Delta R.T.: -0.024 min
Response: 2312111
Conc: 5.30 ng/ml



#43 AR-1268-3

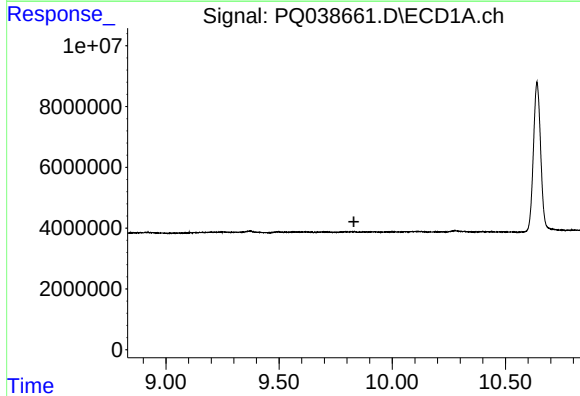
R.T.: 9.368 min
Delta R.T.: -0.004 min
Response: 2483087
Conc: 4.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



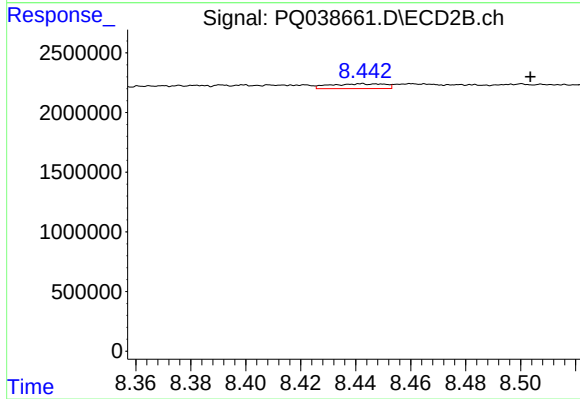
#43 AR-1268-3

R.T.: 8.194 min
Delta R.T.: -0.005 min
Response: 1267811
Conc: 3.56 ng/ml



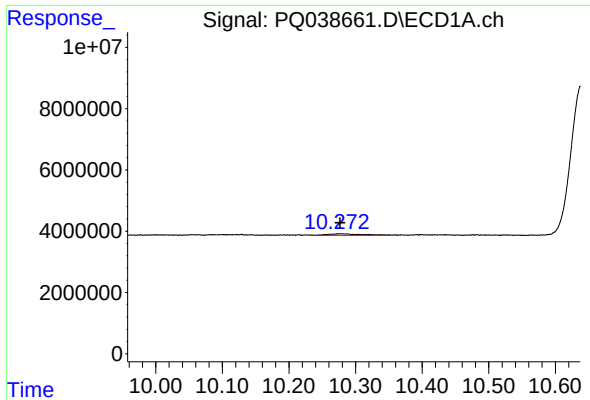
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.831 min
Response: 0
Conc: N.D.



#44 AR-1268-4

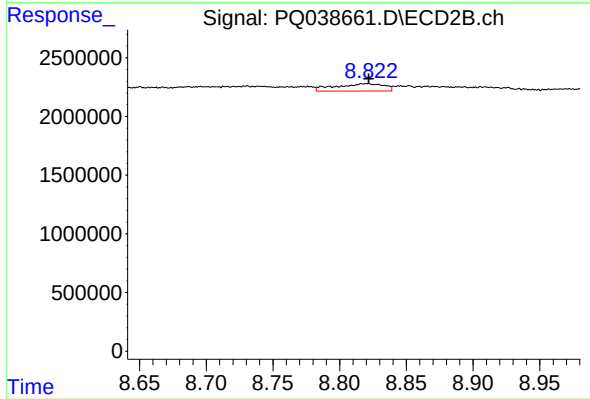
R.T.: 8.442 min
Delta R.T.: -0.061 min
Response: 553396
Conc: 3.69 ng/ml



#45 AR-1268-5

R.T.: 10.277 min
Delta R.T.: 0.000 min
Response: 1837904
Conc: 1.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.821 min
Delta R.T.: -0.001 min
Response: 1585445
Conc: 1.37 ng/ml