

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101318\
 Data File : PQ033091.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2018 22:23
 Operator : SM\SJ
 Sample : MDL-AR1232-W-1
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 05:21:32 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 10 08:14:42 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	4.573	3.853	59171004	43953104	28.843	28.260
2)	SA Decachlor...	10.409	8.908	80683987	68851102	42.683	42.830
Target Compounds							
3)	L1 AR-1016-1	5.749	4.965	1054654	1056761	15.147	18.459
4)	L1 AR-1016-2	5.772	4.965	1729846	1056761	16.793	13.262
5)	L1 AR-1016-3	5.835	5.145	1066451	641203	17.031	15.458
6)	L1 AR-1016-4	5.936	5.184	883655	384570	17.484	11.224 #
7)	L1 AR-1016-5	6.235	5.398	275869	620054	5.353	13.571 #
8)	L2 AR-1221-1	4.785	4.067	231254	352071	9.738	19.050 #
9)	L2 AR-1221-2	4.882	4.155	625004	833388	37.964	63.007 #
10)	L2 AR-1221-3	4.948	4.232	1592990	1163074	27.766	25.433
11)	L3 AR-1232-1	4.948	4.232	1592990	1163074	35.883	33.610
12)	L3 AR-1232-2	5.483	4.965	861620	1056761	36.480	28.104
13)	L3 AR-1232-3	5.772	5.145	1729846	641203	36.182	32.738
14)	L3 AR-1232-4	5.936	5.225	883655	477811	37.099	27.839
15)	L3 AR-1232-5	6.037	5.398	36876	620054	2.068	31.797 #
16)	L4 AR-1242-1	5.749	4.946	1054654	879821	17.673	18.082
17)	L4 AR-1242-2	5.772	4.965	1729846	1056761	19.918	15.656
18)	L4 AR-1242-3	5.835	5.145	1066451	641203	20.395	17.505
19)	L4 AR-1242-4	5.936	5.225	883655	477811	20.491	12.972 #
20)	L4 AR-1242-5	6.678	5.751	418138	1059488	8.482	22.055 #
21)	L5 AR-1248-1	5.749	4.946	1054654	879821	21.262	21.470
22)	L5 AR-1248-2	6.037	5.184	36876	384570	0.501	7.000 #
23)	L5 AR-1248-3	6.235	5.225	275869	477811	3.376	8.532 #
24)	L5 AR-1248-4	6.633	5.398	1325050	620054	14.146	8.990 #
25)	L5 AR-1248-5	6.678	5.790	418138	934812	4.708	13.523 #
26)	L6 AR-1254-1	6.607	5.751	1521862	1059488	15.357	9.404 #
27)	L6 AR-1254-2	6.830	5.898	1237589	10407	7.919	0.105 #
28)	L6 AR-1254-3	7.208	6.300	480986	223962	2.835	1.348 #
29)	L6 AR-1254-4	7.486	6.529	76579	79474	0.620	0.747
30)	L6 AR-1254-5	0.000	6.941	0	50459	N.D.	0.344 #
31)	L7 AR-1260-1	7.415	6.429	161607	106968	1.511	1.139
32)	L7 AR-1260-2	7.602	6.614	220383	373229	1.745	3.203 #
33)	L7 AR-1260-3	8.024	6.772	175029	251894	2.247	2.336
34)	L7 AR-1260-4	8.217	7.269	105314	52825	1.040	0.687 #
35)	L7 AR-1260-5	8.585	7.493	31693	246599	0.168	1.284 #
36)	L8 AR-1262-1	8.024	7.030	175029	61993	1.299	0.482 #
37)	L8 AR-1262-2	8.585	7.493	31693	246599	0.128	1.029 #
38)	L8 AR-1262-3	8.871	7.781	133733	350199	0.809	3.760 #
39)	L8 AR-1262-4	8.994	7.833	47359	792179	0.695	4.550 #
40)	L8 AR-1262-5	0.000	8.349	0	21666	N.D.	0.268 #
41)	L9 AR-1268-1	8.861	7.781	52277	350199	0.143	1.024 #

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 Acq On : 14 Oct 2018 22:23
 Operator : SM\SJ
 Sample : MDL-AR1232-W-1
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

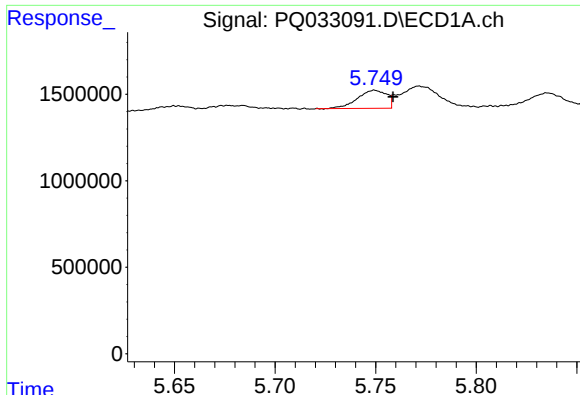
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 05:21:32 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	8.994	7.833	47359	792179	0.142	2.564 #
43) L9	AR-1268-3	9.255	8.038	23811	520311	0.084	2.034 #
44) L9	AR-1268-4	0.000	8.349	0	21666	N.D.	0.196 #
45) L9	AR-1268-5	10.060	8.642	366510	973025	0.396	1.163 #

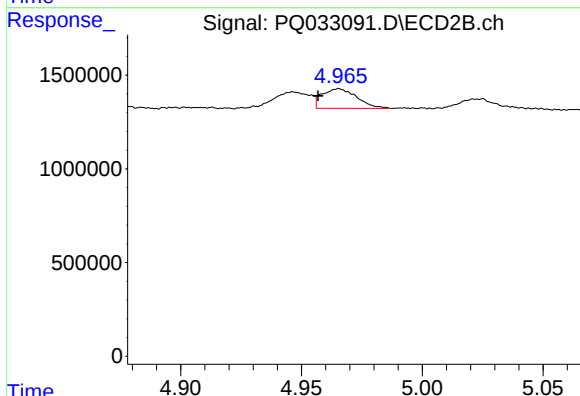
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

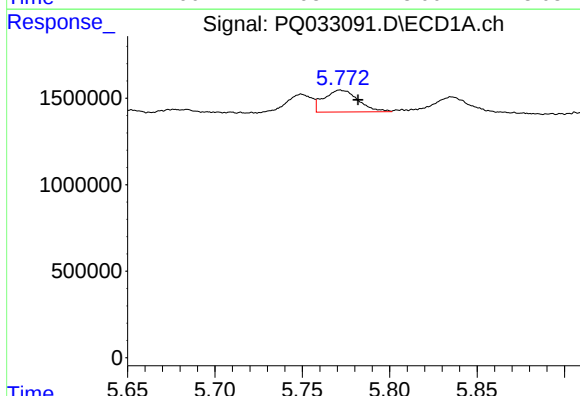
R.T.: 5.749 min
Delta R.T.: -0.009 min
Response: 1054654
Conc: 15.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



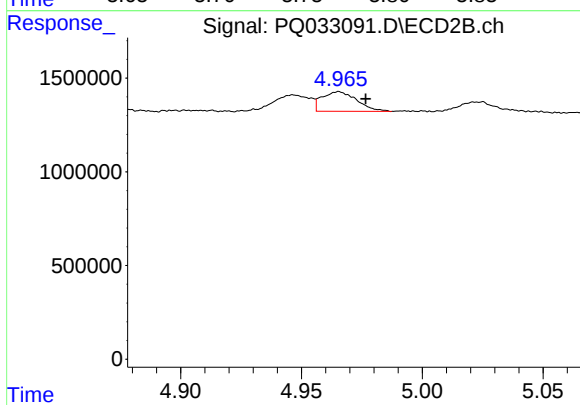
#3 AR-1016-1

R.T.: 4.965 min
Delta R.T.: 0.009 min
Response: 1056761
Conc: 18.46 ng/ml



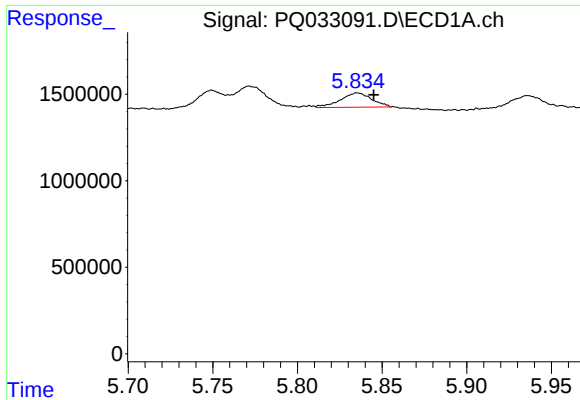
#4 AR-1016-2

R.T.: 5.772 min
Delta R.T.: -0.010 min
Response: 1729846
Conc: 16.79 ng/ml



#4 AR-1016-2

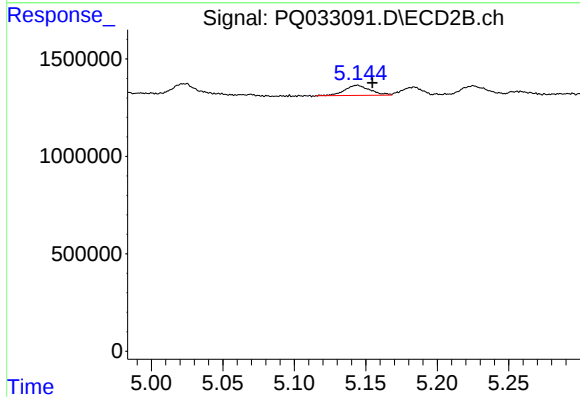
R.T.: 4.965 min
Delta R.T.: -0.011 min
Response: 1056761
Conc: 13.26 ng/ml



#5 AR-1016-3

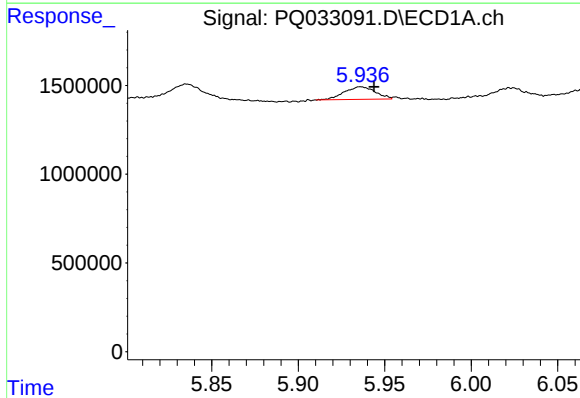
R.T.: 5.835 min
Delta R.T.: -0.010 min
Response: 1066451
Conc: 17.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



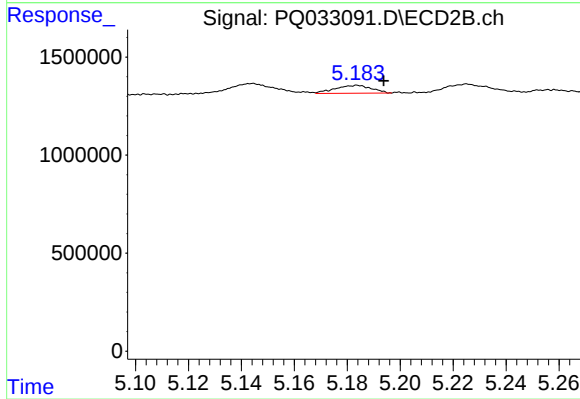
#5 AR-1016-3

R.T.: 5.145 min
Delta R.T.: -0.010 min
Response: 641203
Conc: 15.46 ng/ml



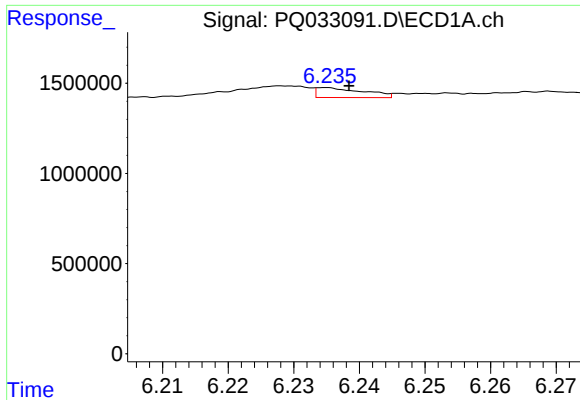
#6 AR-1016-4

R.T.: 5.936 min
Delta R.T.: -0.008 min
Response: 883655
Conc: 17.48 ng/ml



#6 AR-1016-4

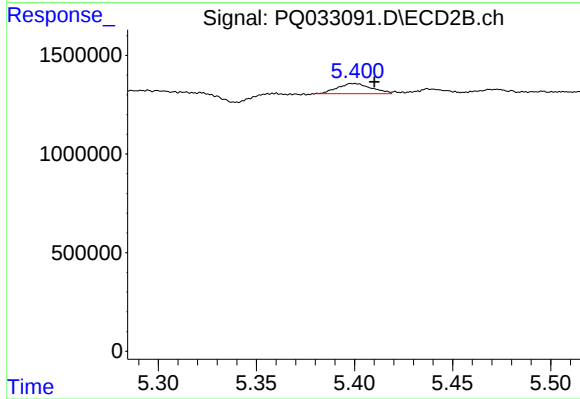
R.T.: 5.184 min
Delta R.T.: -0.010 min
Response: 384570
Conc: 11.22 ng/ml



#7 AR-1016-5

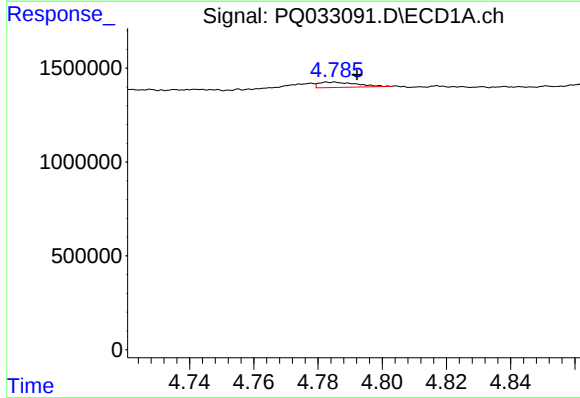
R.T.: 6.235 min
Delta R.T.: -0.003 min
Response: 275869
Conc: 5.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



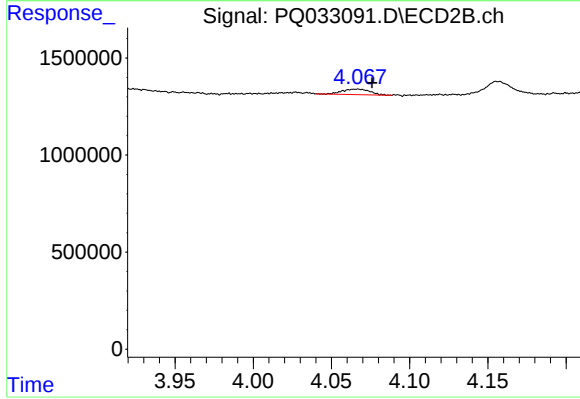
#7 AR-1016-5

R.T.: 5.398 min
Delta R.T.: -0.012 min
Response: 620054
Conc: 13.57 ng/ml



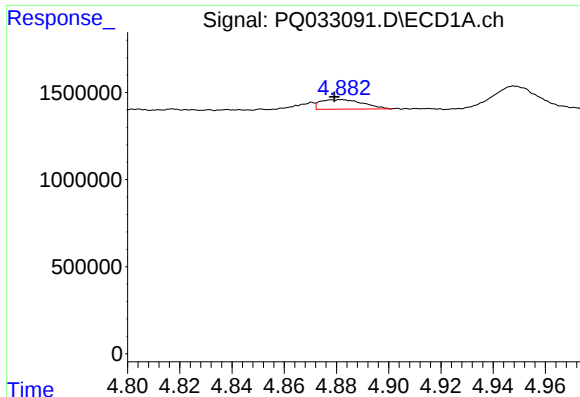
#8 AR-1221-1

R.T.: 4.785 min
Delta R.T.: -0.007 min
Response: 231254
Conc: 9.74 ng/ml



#8 AR-1221-1

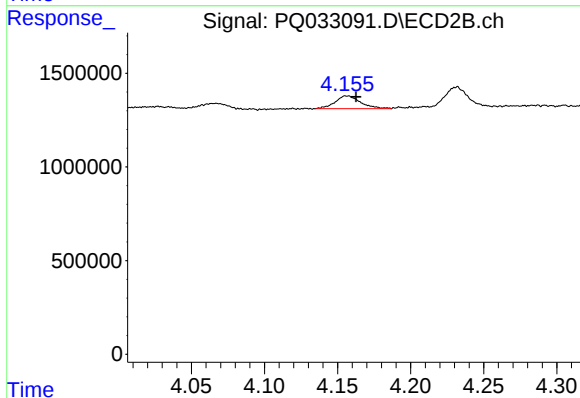
R.T.: 4.067 min
Delta R.T.: -0.009 min
Response: 352071
Conc: 19.05 ng/ml



#9 AR-1221-2

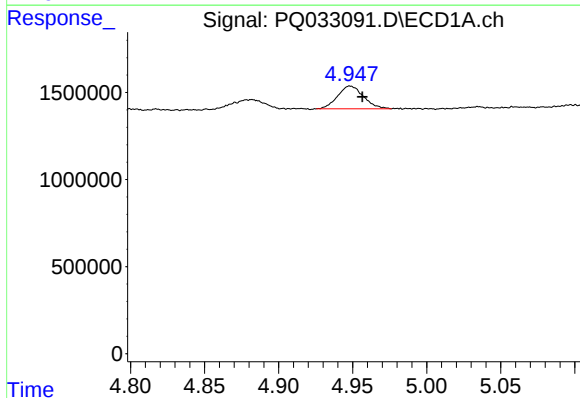
R.T.: 4.882 min
Delta R.T.: 0.003 min
Response: 625004
Conc: 37.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



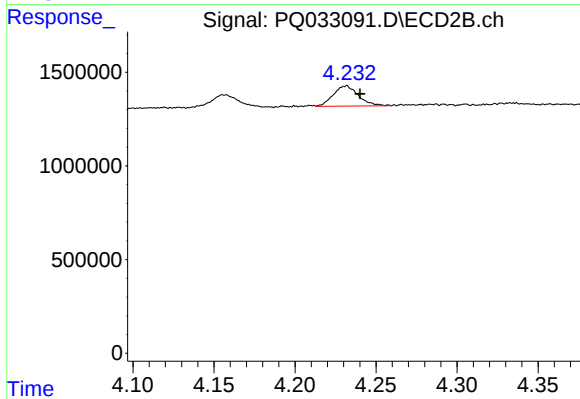
#9 AR-1221-2

R.T.: 4.155 min
Delta R.T.: -0.007 min
Response: 833388
Conc: 63.01 ng/ml



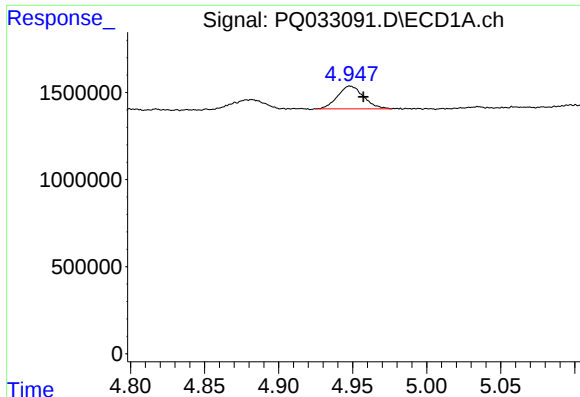
#10 AR-1221-3

R.T.: 4.948 min
Delta R.T.: -0.009 min
Response: 1592990
Conc: 27.77 ng/ml



#10 AR-1221-3

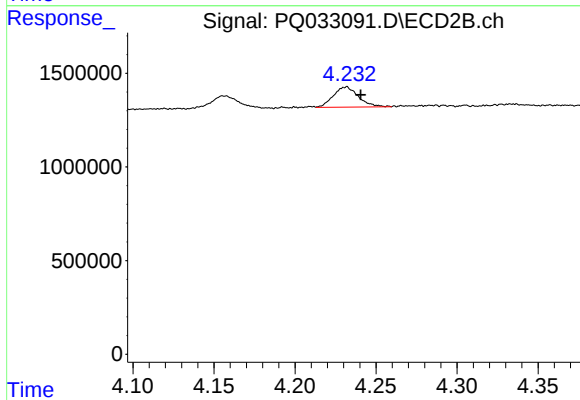
R.T.: 4.232 min
Delta R.T.: -0.008 min
Response: 1163074
Conc: 25.43 ng/ml



#11 AR-1232-1

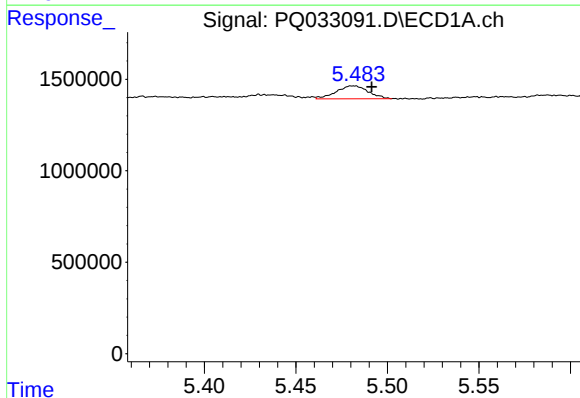
R.T.: 4.948 min
Delta R.T.: -0.009 min
Response: 1592990
Conc: 35.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



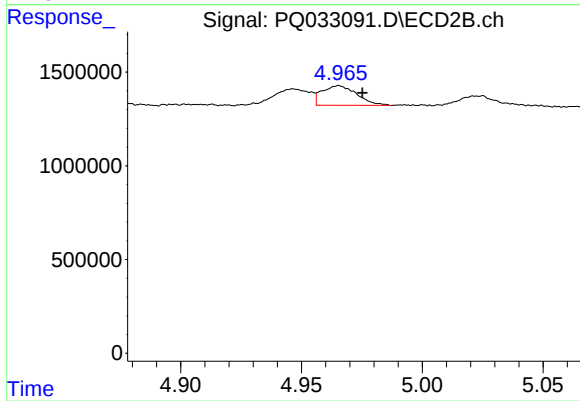
#11 AR-1232-1

R.T.: 4.232 min
Delta R.T.: -0.008 min
Response: 1163074
Conc: 33.61 ng/ml



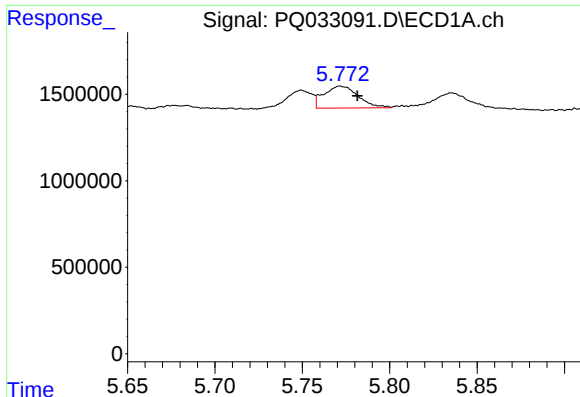
#12 AR-1232-2

R.T.: 5.483 min
Delta R.T.: -0.009 min
Response: 861620
Conc: 36.48 ng/ml



#12 AR-1232-2

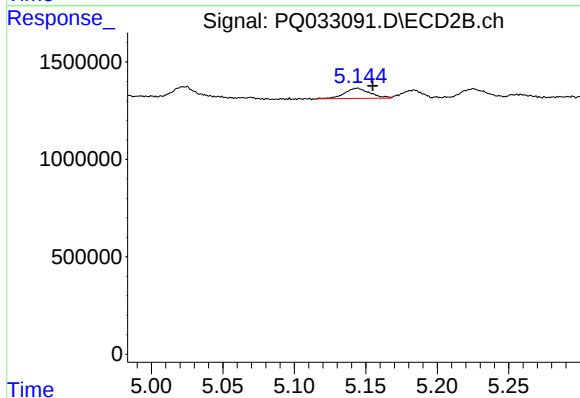
R.T.: 4.965 min
Delta R.T.: -0.010 min
Response: 1056761
Conc: 28.10 ng/ml



#13 AR-1232-3

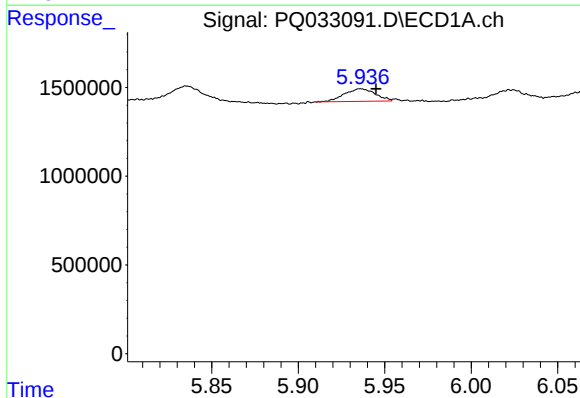
R.T.: 5.772 min
Delta R.T.: -0.010 min
Response: 1729846
Conc: 36.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



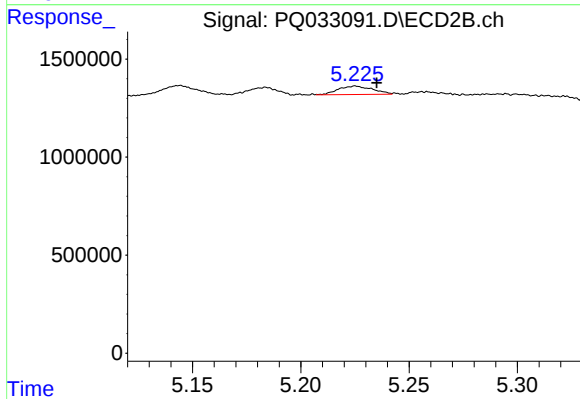
#13 AR-1232-3

R.T.: 5.145 min
Delta R.T.: -0.010 min
Response: 641203
Conc: 32.74 ng/ml



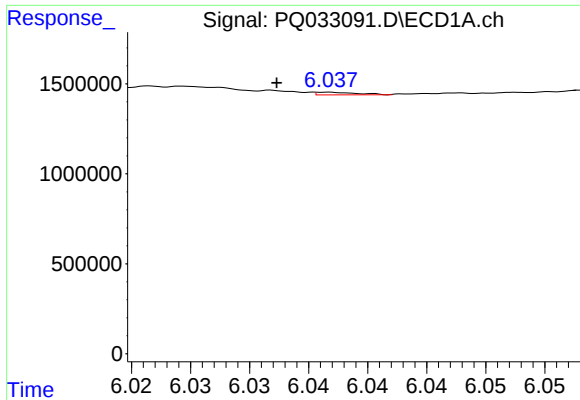
#14 AR-1232-4

R.T.: 5.936 min
Delta R.T.: -0.009 min
Response: 883655
Conc: 37.10 ng/ml



#14 AR-1232-4

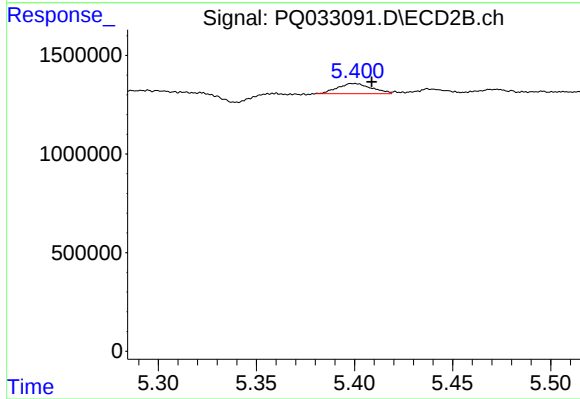
R.T.: 5.225 min
Delta R.T.: -0.010 min
Response: 477811
Conc: 27.84 ng/ml



#15 AR-1232-5

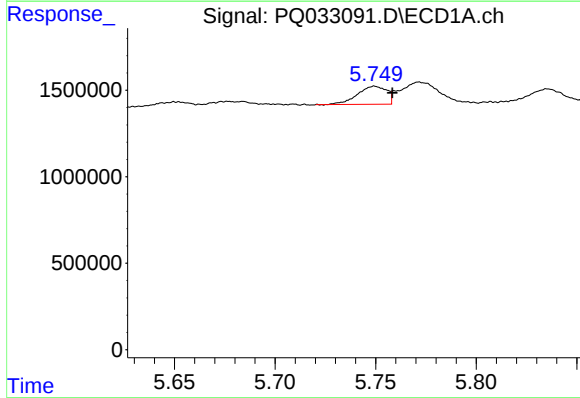
R.T.: 6.037 min
Delta R.T.: 0.004 min
Response: 36876
Conc: 2.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



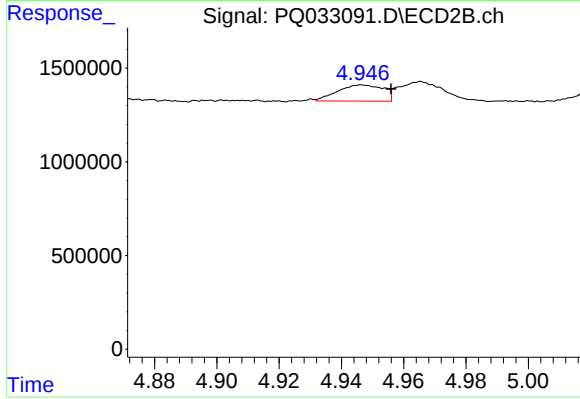
#15 AR-1232-5

R.T.: 5.398 min
Delta R.T.: -0.011 min
Response: 620054
Conc: 31.80 ng/ml



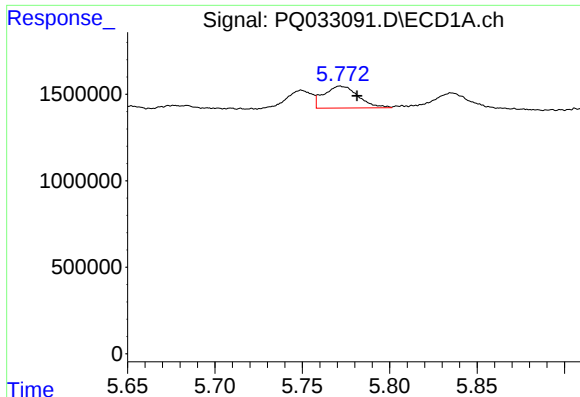
#16 AR-1242-1

R.T.: 5.749 min
Delta R.T.: -0.009 min
Response: 1054654
Conc: 17.67 ng/ml



#16 AR-1242-1

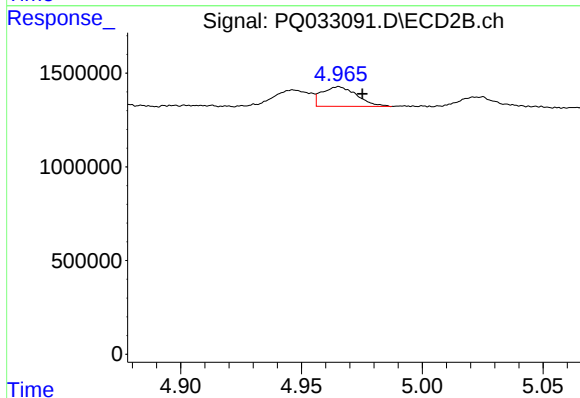
R.T.: 4.946 min
Delta R.T.: -0.010 min
Response: 879821
Conc: 18.08 ng/ml



#17 AR-1242-2

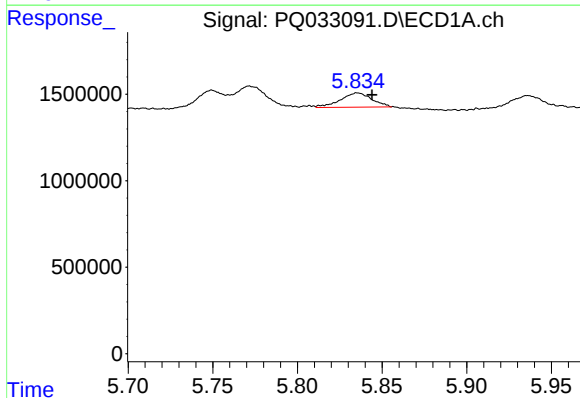
R.T.: 5.772 min
Delta R.T.: -0.009 min
Response: 1729846
Conc: 19.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



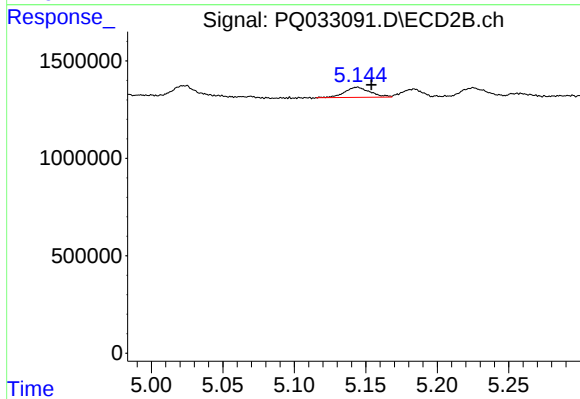
#17 AR-1242-2

R.T.: 4.965 min
Delta R.T.: -0.010 min
Response: 1056761
Conc: 15.66 ng/ml



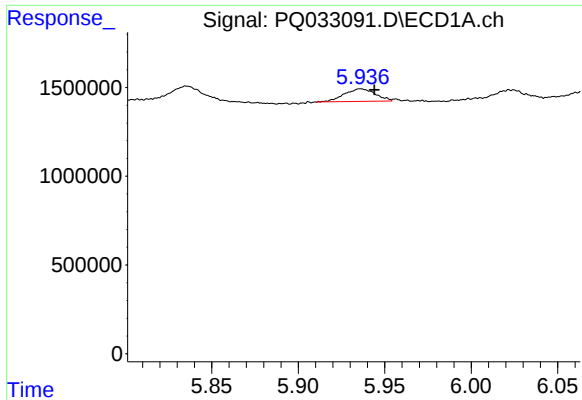
#18 AR-1242-3

R.T.: 5.835 min
Delta R.T.: -0.009 min
Response: 1066451
Conc: 20.40 ng/ml



#18 AR-1242-3

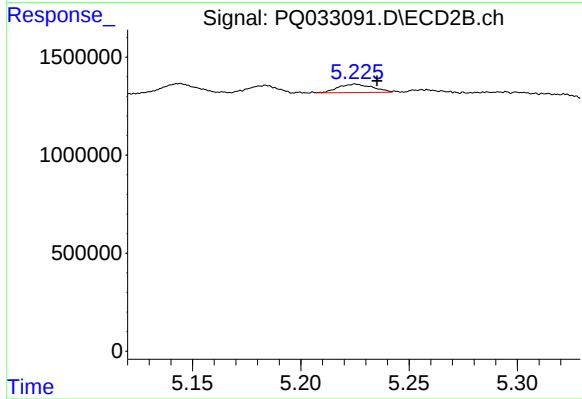
R.T.: 5.145 min
Delta R.T.: -0.009 min
Response: 641203
Conc: 17.50 ng/ml



#19 AR-1242-4

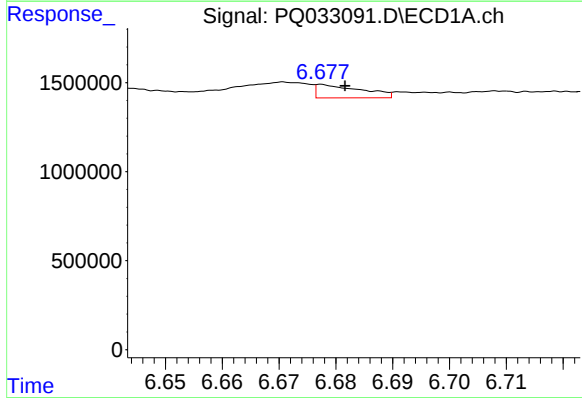
R.T.: 5.936 min
Delta R.T.: -0.008 min
Response: 883655
Conc: 20.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



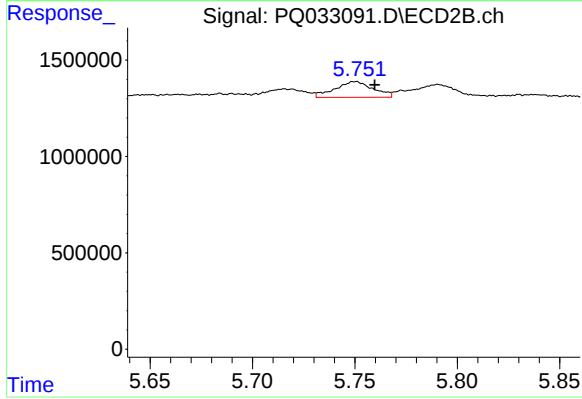
#19 AR-1242-4

R.T.: 5.225 min
Delta R.T.: -0.010 min
Response: 477811
Conc: 12.97 ng/ml



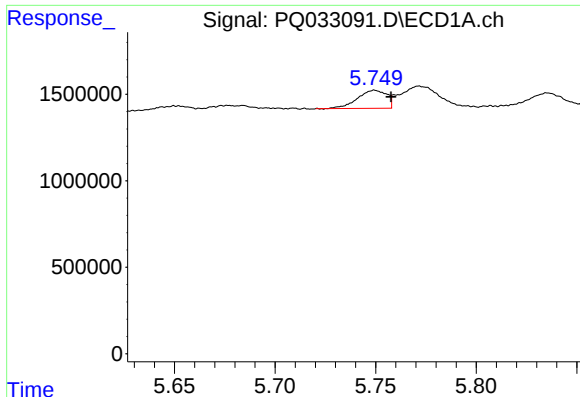
#20 AR-1242-5

R.T.: 6.678 min
Delta R.T.: -0.004 min
Response: 418138
Conc: 8.48 ng/ml



#20 AR-1242-5

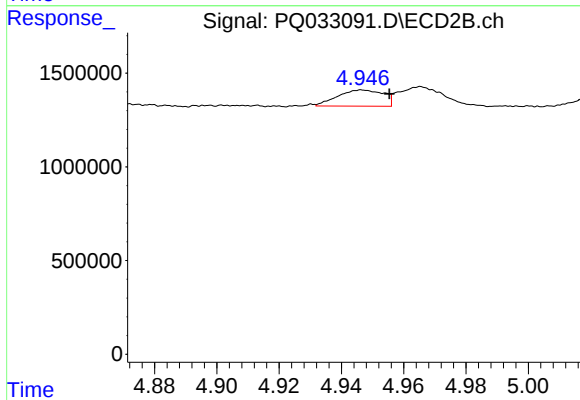
R.T.: 5.751 min
Delta R.T.: -0.009 min
Response: 1059488
Conc: 22.05 ng/ml



#21 AR-1248-1

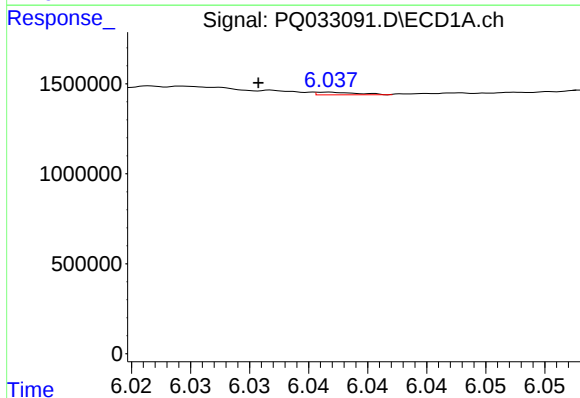
R.T.: 5.749 min
Delta R.T.: -0.008 min
Response: 1054654
Conc: 21.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



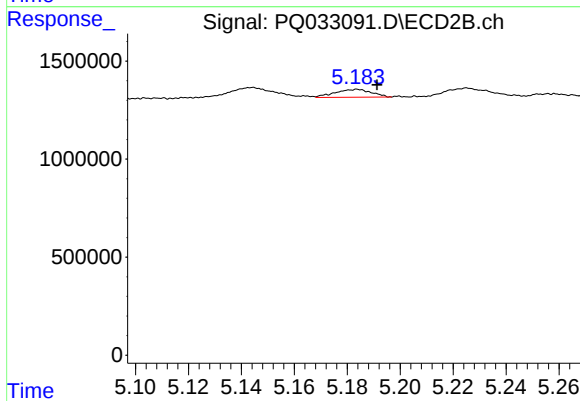
#21 AR-1248-1

R.T.: 4.946 min
Delta R.T.: -0.009 min
Response: 879821
Conc: 21.47 ng/ml



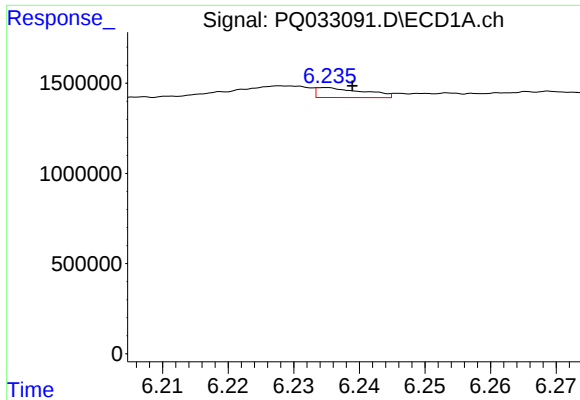
#22 AR-1248-2

R.T.: 6.037 min
Delta R.T.: 0.006 min
Response: 36876
Conc: 0.50 ng/ml



#22 AR-1248-2

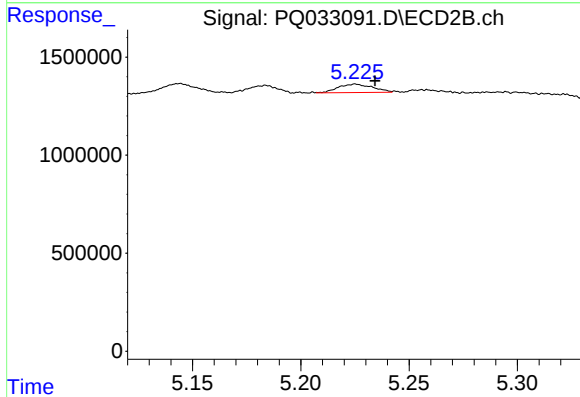
R.T.: 5.184 min
Delta R.T.: -0.008 min
Response: 384570
Conc: 7.00 ng/ml



#23 AR-1248-3

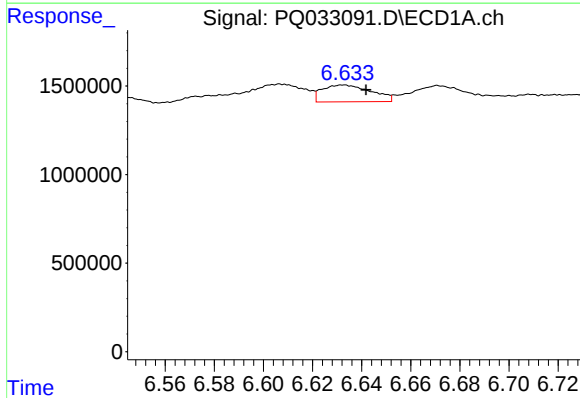
R.T.: 6.235 min
Delta R.T.: -0.004 min
Response: 275869
Conc: 3.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



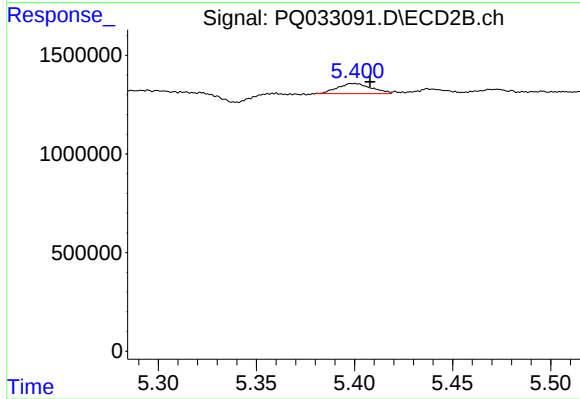
#23 AR-1248-3

R.T.: 5.225 min
Delta R.T.: -0.009 min
Response: 477811
Conc: 8.53 ng/ml



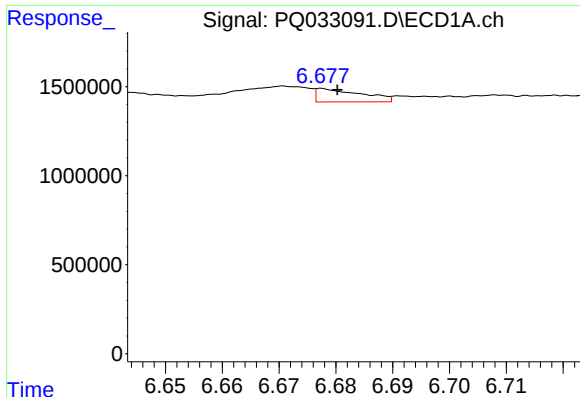
#24 AR-1248-4

R.T.: 6.633 min
Delta R.T.: -0.008 min
Response: 1325050
Conc: 14.15 ng/ml



#24 AR-1248-4

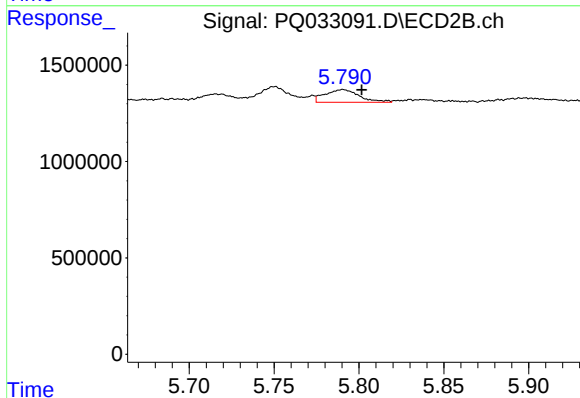
R.T.: 5.398 min
Delta R.T.: -0.010 min
Response: 620054
Conc: 8.99 ng/ml



#25 AR-1248-5

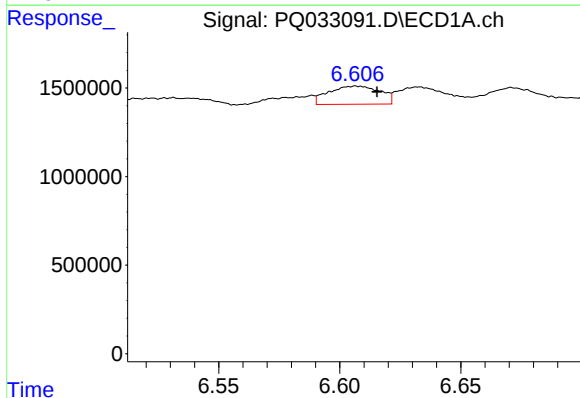
R.T.: 6.678 min
Delta R.T.: -0.003 min
Response: 418138
Conc: 4.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



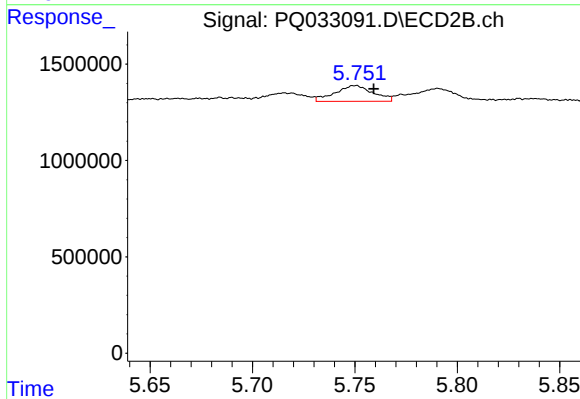
#25 AR-1248-5

R.T.: 5.790 min
Delta R.T.: -0.011 min
Response: 934812
Conc: 13.52 ng/ml



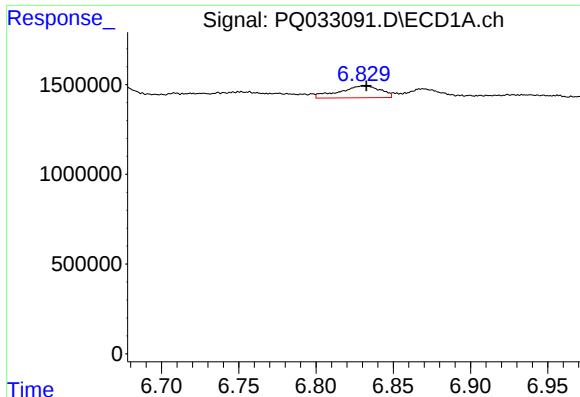
#26 AR-1254-1

R.T.: 6.607 min
Delta R.T.: -0.009 min
Response: 1521862
Conc: 15.36 ng/ml



#26 AR-1254-1

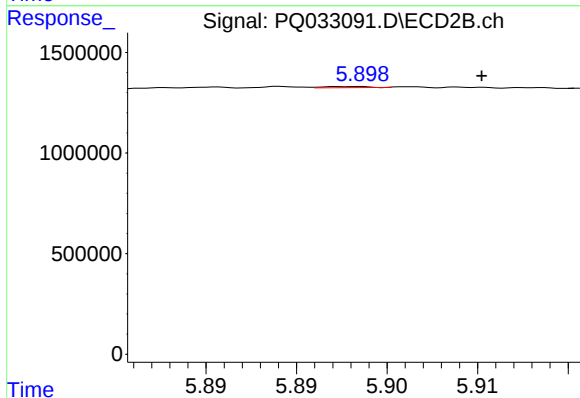
R.T.: 5.751 min
Delta R.T.: -0.008 min
Response: 1059488
Conc: 9.40 ng/ml



#27 AR-1254-2

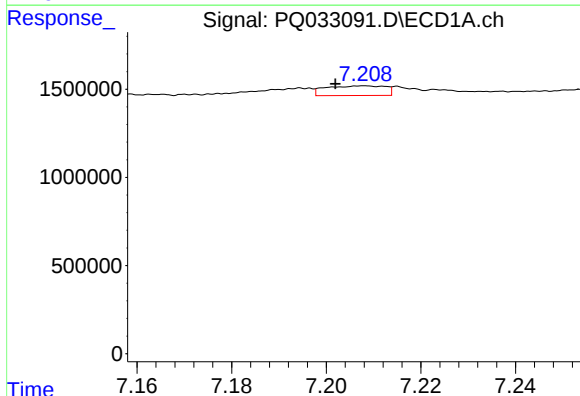
R.T.: 6.830 min
Delta R.T.: -0.003 min
Response: 1237589
Conc: 7.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



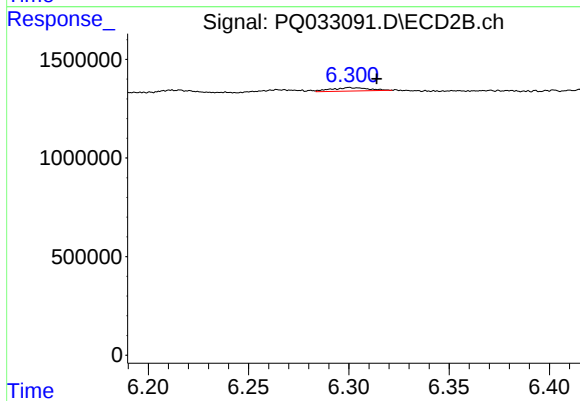
#27 AR-1254-2

R.T.: 5.898 min
Delta R.T.: -0.007 min
Response: 10407
Conc: 0.11 ng/ml



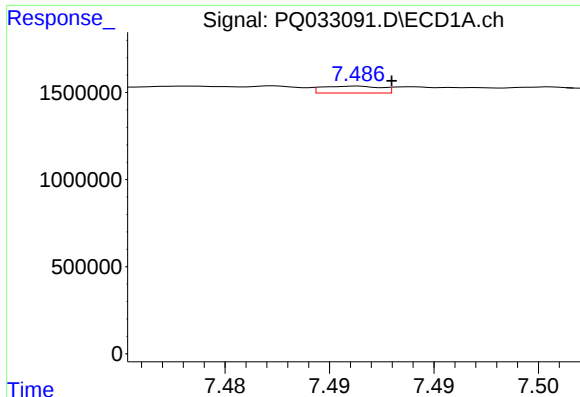
#28 AR-1254-3

R.T.: 7.208 min
Delta R.T.: 0.006 min
Response: 480986
Conc: 2.83 ng/ml



#28 AR-1254-3

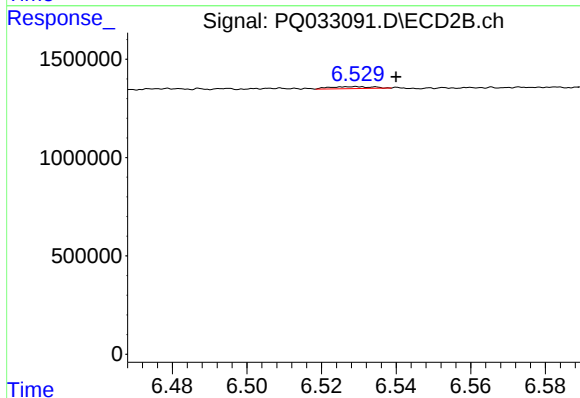
R.T.: 6.300 min
Delta R.T.: -0.014 min
Response: 223962
Conc: 1.35 ng/ml



#29 AR-1254-4

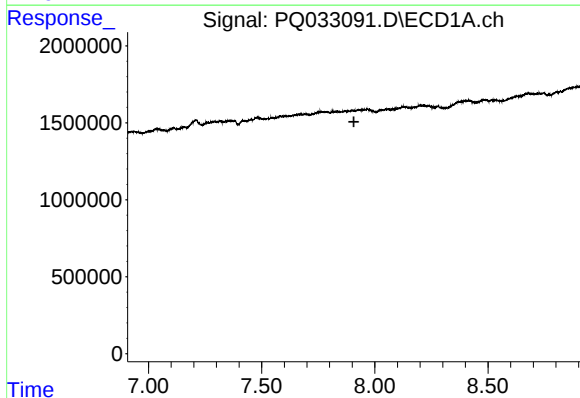
R.T.: 7.486 min
Delta R.T.: -0.002 min
Response: 76579
Conc: 0.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



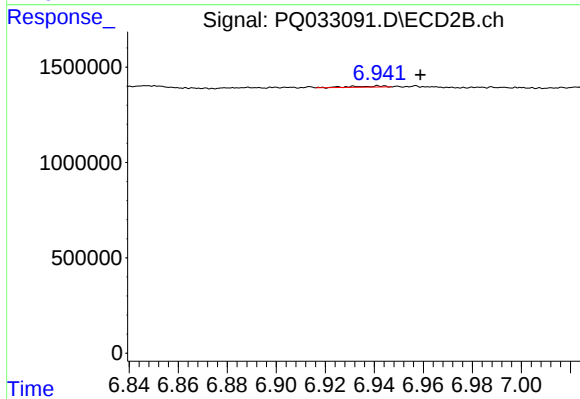
#29 AR-1254-4

R.T.: 6.529 min
Delta R.T.: -0.011 min
Response: 79474
Conc: 0.75 ng/ml



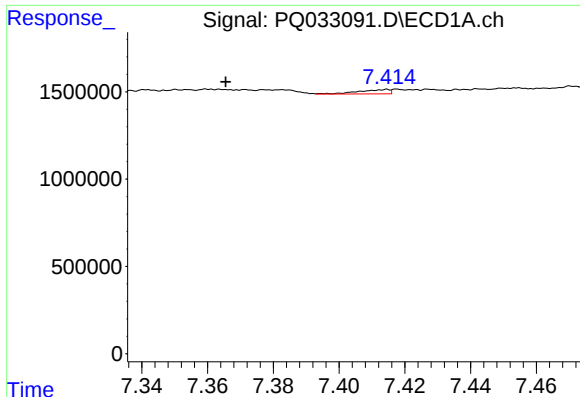
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.907 min
Response: 0
Conc: N.D.



#30 AR-1254-5

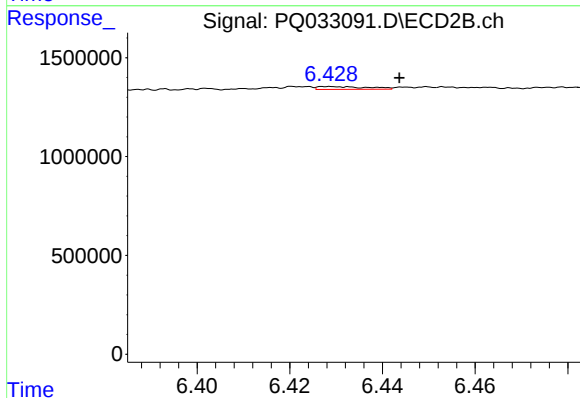
R.T.: 6.941 min
Delta R.T.: -0.017 min
Response: 50459
Conc: 0.34 ng/ml



#31 AR-1260-1

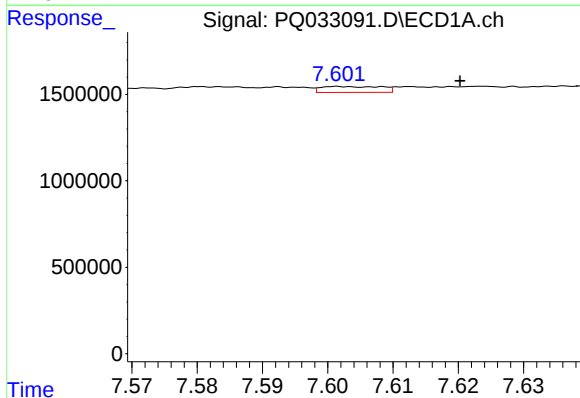
R.T.: 7.415 min
Delta R.T.: 0.049 min
Response: 161607
Conc: 1.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



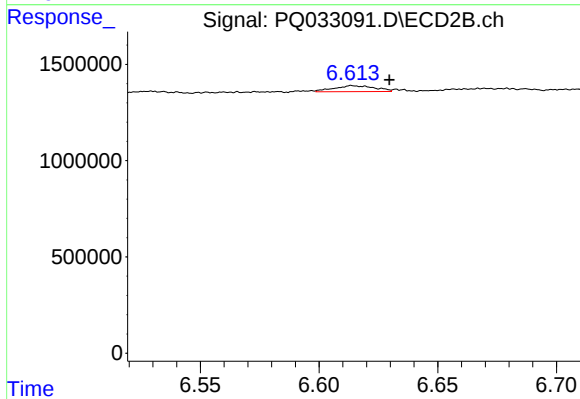
#31 AR-1260-1

R.T.: 6.429 min
Delta R.T.: -0.015 min
Response: 106968
Conc: 1.14 ng/ml



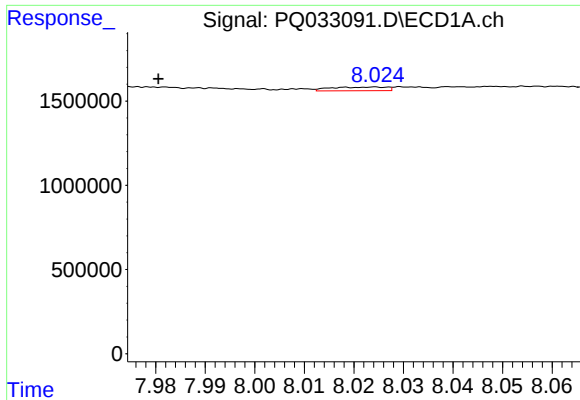
#32 AR-1260-2

R.T.: 7.602 min
Delta R.T.: -0.019 min
Response: 220383
Conc: 1.75 ng/ml



#32 AR-1260-2

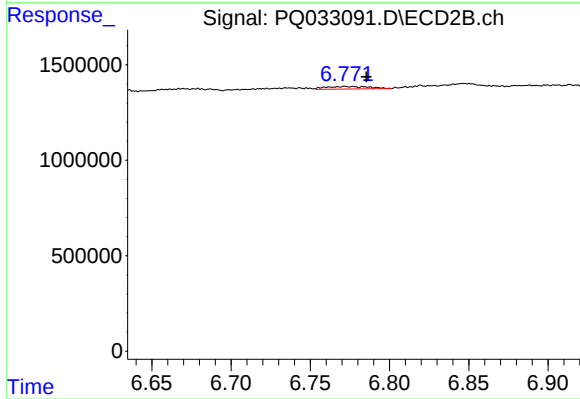
R.T.: 6.614 min
Delta R.T.: -0.016 min
Response: 373229
Conc: 3.20 ng/ml



#33 AR-1260-3

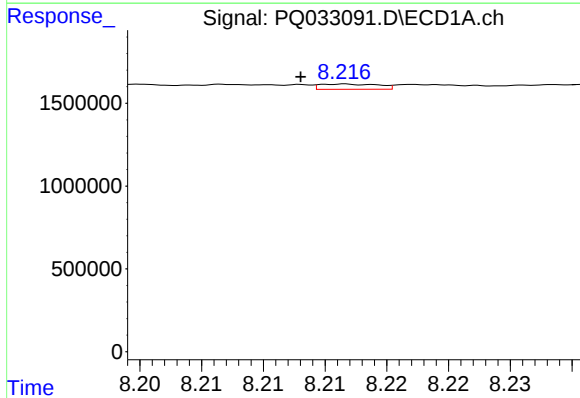
R.T.: 8.024 min
Delta R.T.: 0.044 min
Response: 175029
Conc: 2.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



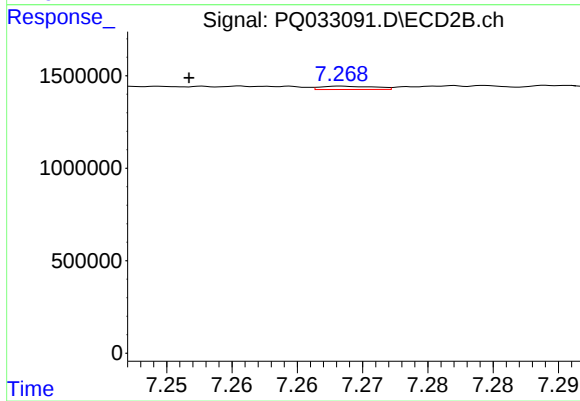
#33 AR-1260-3

R.T.: 6.772 min
Delta R.T.: -0.014 min
Response: 251894
Conc: 2.34 ng/ml



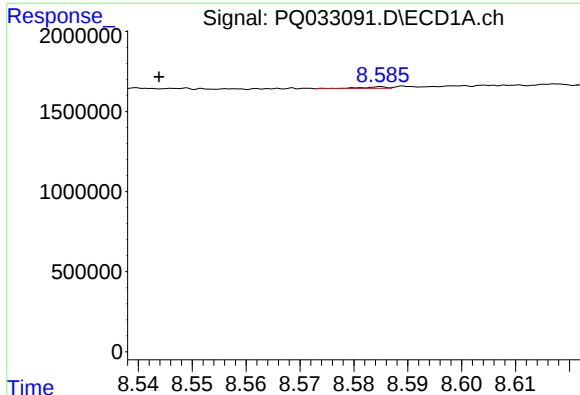
#34 AR-1260-4

R.T.: 8.217 min
Delta R.T.: 0.004 min
Response: 105314
Conc: 1.04 ng/ml



#34 AR-1260-4

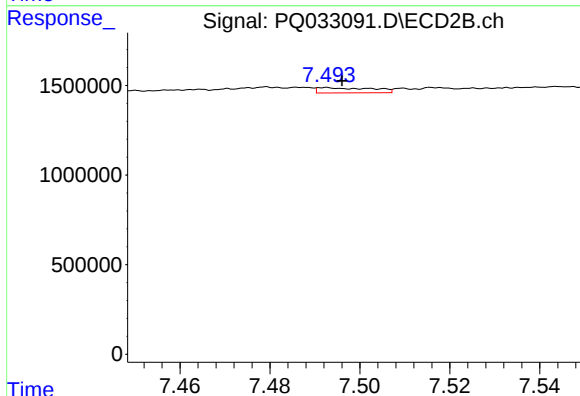
R.T.: 7.269 min
Delta R.T.: 0.012 min
Response: 52825
Conc: 0.69 ng/ml



#35 AR-1260-5

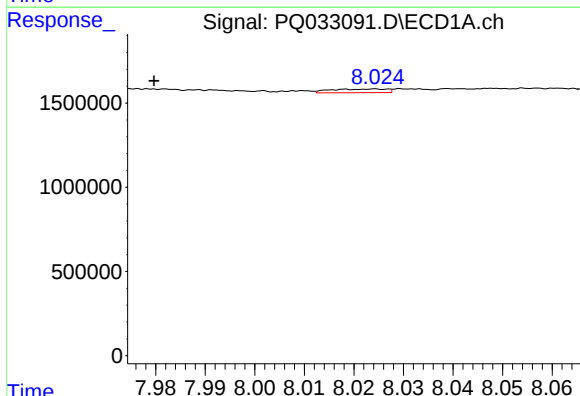
R.T.: 8.585 min
Delta R.T.: 0.041 min
Response: 31693
Conc: 0.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



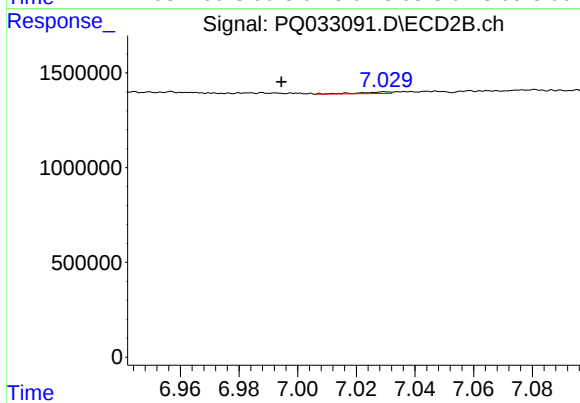
#35 AR-1260-5

R.T.: 7.493 min
Delta R.T.: -0.003 min
Response: 246599
Conc: 1.28 ng/ml



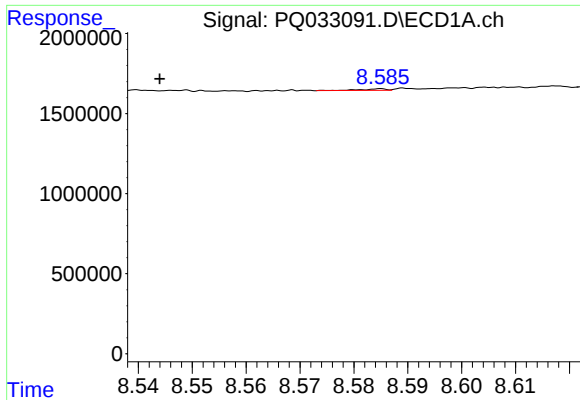
#36 AR-1262-1

R.T.: 8.024 min
Delta R.T.: 0.045 min
Response: 175029
Conc: 1.30 ng/ml



#36 AR-1262-1

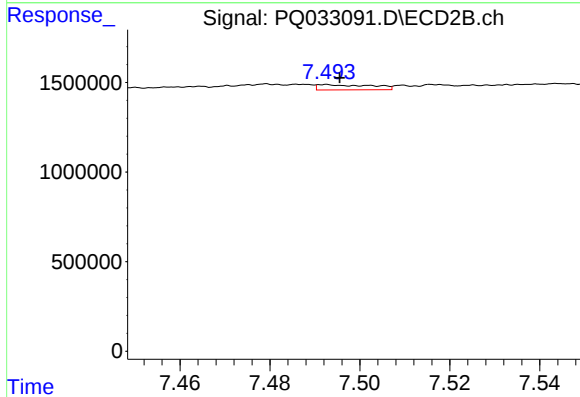
R.T.: 7.030 min
Delta R.T.: 0.035 min
Response: 61993
Conc: 0.48 ng/ml



#37 AR-1262-2

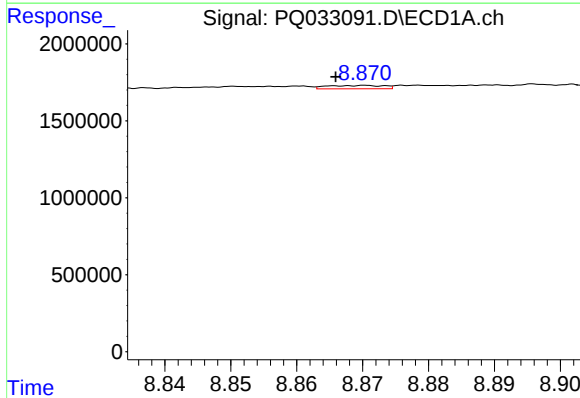
R.T.: 8.585 min
Delta R.T.: 0.041 min
Response: 31693
Conc: 0.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



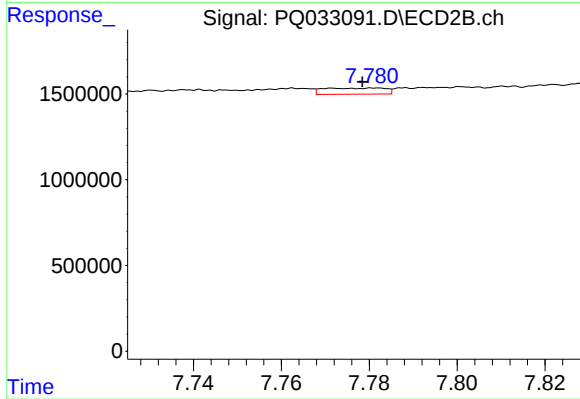
#37 AR-1262-2

R.T.: 7.493 min
Delta R.T.: -0.003 min
Response: 246599
Conc: 1.03 ng/ml



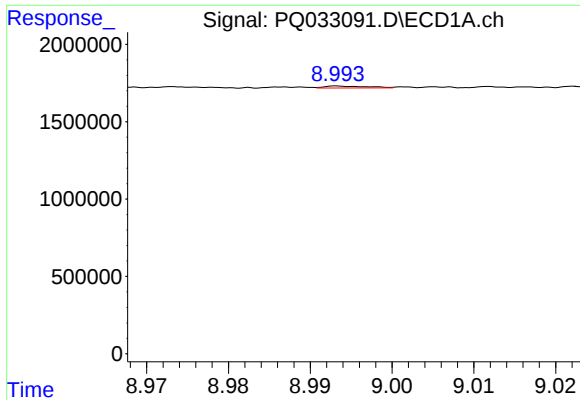
#38 AR-1262-3

R.T.: 8.871 min
Delta R.T.: 0.005 min
Response: 133733
Conc: 0.81 ng/ml



#38 AR-1262-3

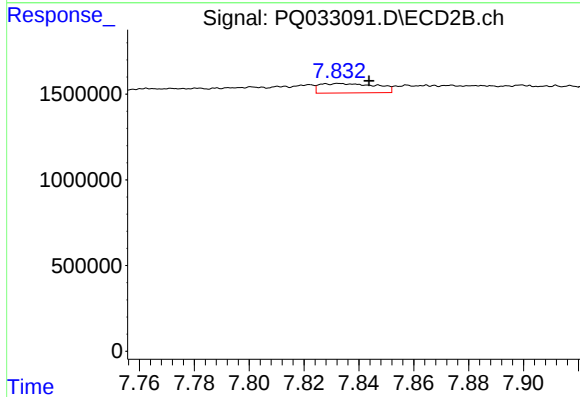
R.T.: 7.781 min
Delta R.T.: 0.003 min
Response: 350199
Conc: 3.76 ng/ml



#39 AR-1262-4

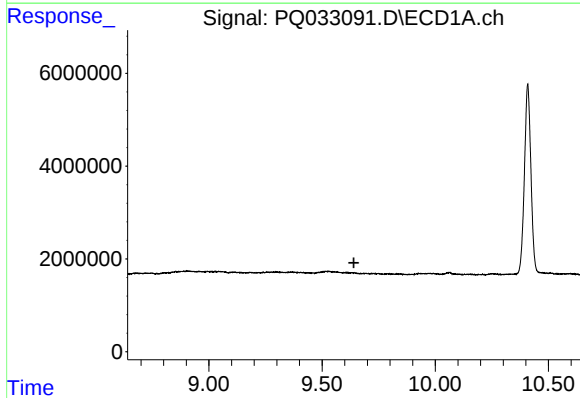
R.T.: 8.994 min
Delta R.T.: 0.035 min
Response: 47359
Conc: 0.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



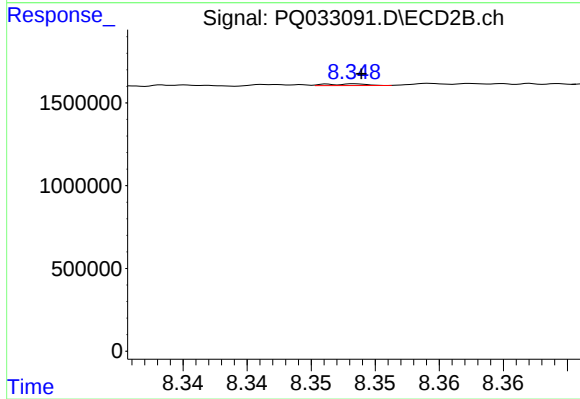
#39 AR-1262-4

R.T.: 7.833 min
Delta R.T.: -0.011 min
Response: 792179
Conc: 4.55 ng/ml



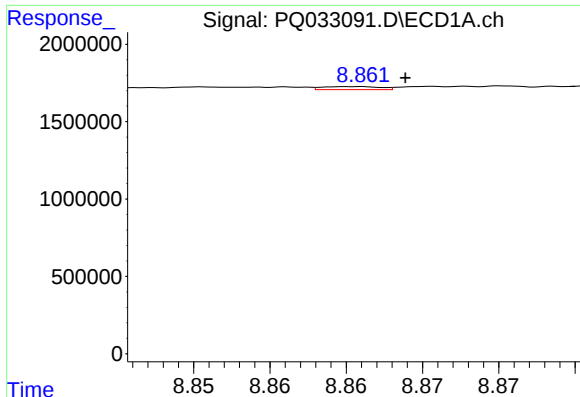
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.640 min
Response: 0
Conc: N.D.



#40 AR-1262-5

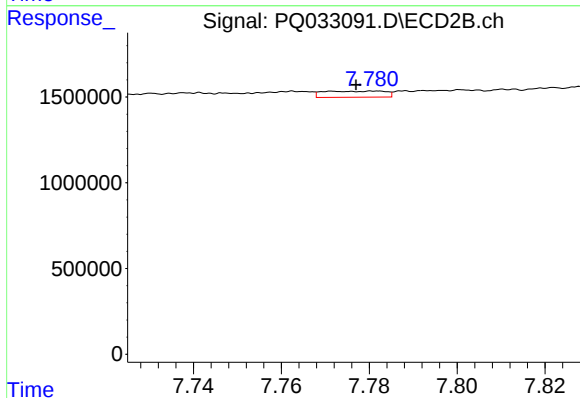
R.T.: 8.349 min
Delta R.T.: 0.000 min
Response: 21666
Conc: 0.27 ng/ml



#41 AR-1268-1

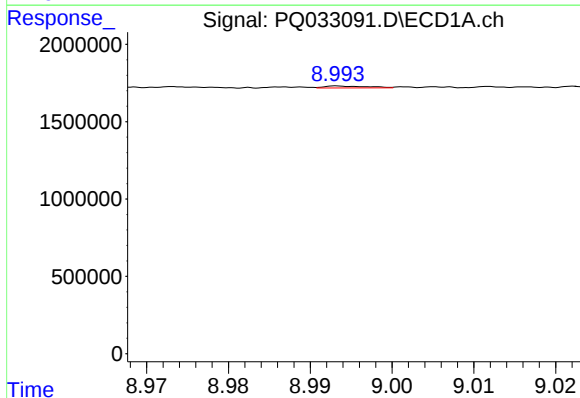
R.T.: 8.861 min
Delta R.T.: -0.003 min
Response: 52277
Conc: 0.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



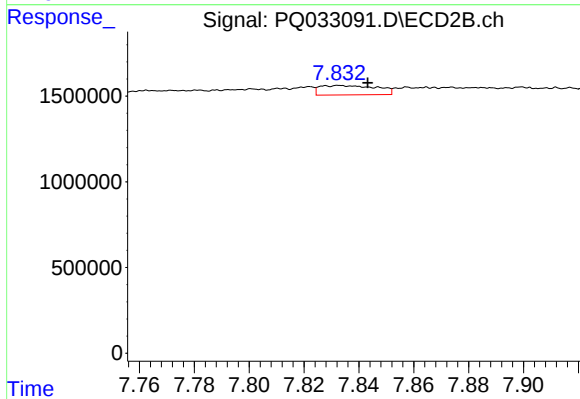
#41 AR-1268-1

R.T.: 7.781 min
Delta R.T.: 0.004 min
Response: 350199
Conc: 1.02 ng/ml



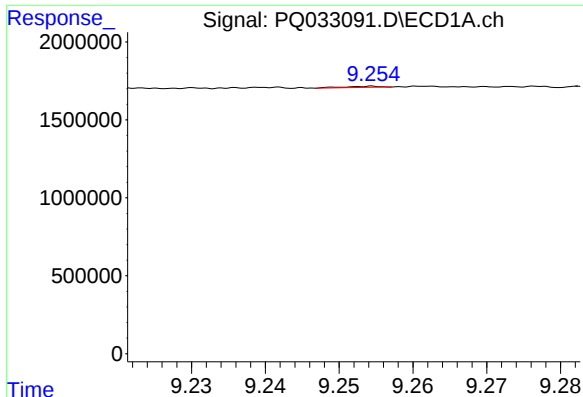
#42 AR-1268-2

R.T.: 8.994 min
Delta R.T.: 0.032 min
Response: 47359
Conc: 0.14 ng/ml



#42 AR-1268-2

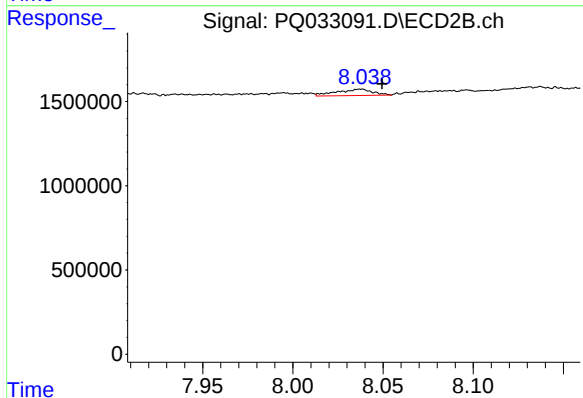
R.T.: 7.833 min
Delta R.T.: -0.010 min
Response: 792179
Conc: 2.56 ng/ml



#43 AR-1268-3

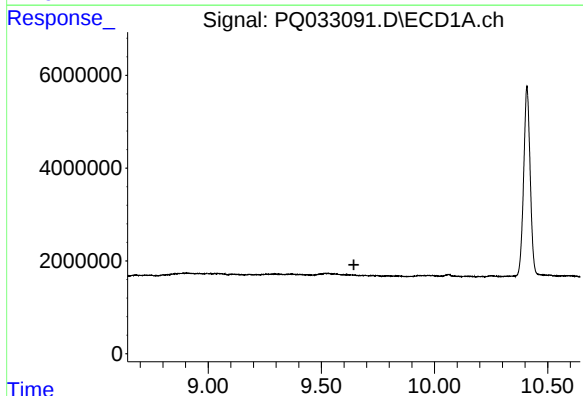
R.T.: 9.255 min
Delta R.T.: 0.057 min
Response: 23811
Conc: 0.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



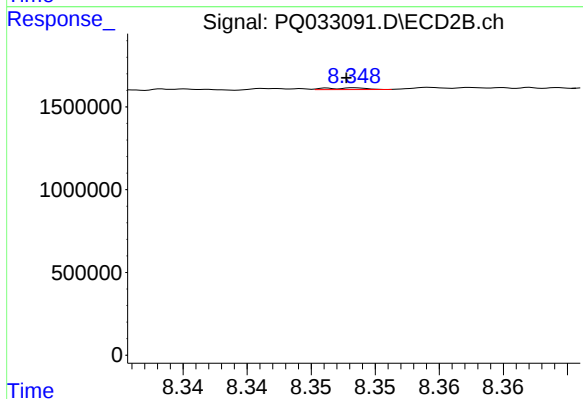
#43 AR-1268-3

R.T.: 8.038 min
Delta R.T.: -0.011 min
Response: 520311
Conc: 2.03 ng/ml



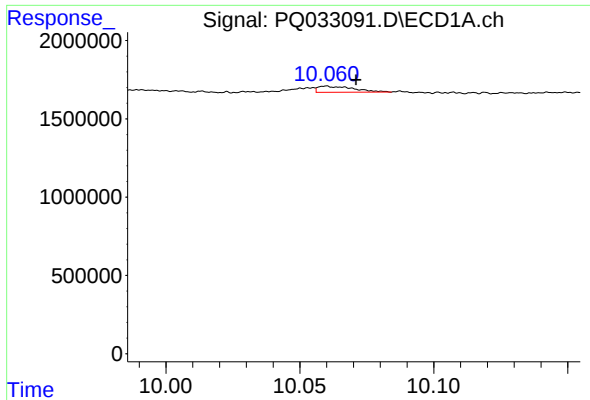
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.644 min
Response: 0
Conc: N.D.



#44 AR-1268-4

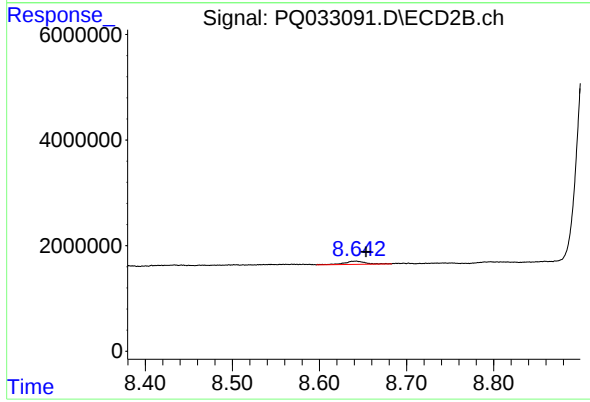
R.T.: 8.349 min
Delta R.T.: 0.000 min
Response: 21666
Conc: 0.20 ng/ml



#45 AR-1268-5

R.T.: 10.060 min
Delta R.T.: -0.011 min
Response: 366510
Conc: 0.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.642 min
Delta R.T.: -0.012 min
Response: 973025
Conc: 1.16 ng/ml