

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP052523\
 Data File : PP057957.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 May 2023 05:25
 Operator : YP\AJ
 Sample : 02934-10 10X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 26 06:09:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP050823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon May 08 19:18:05 2023
 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...	4.383	3.621	3093056	3155274	1.410	1.391
2)	SA Decachlor...	10.205	8.679	2996527	3125186	2.644	1.991
Target Compounds							
3)	L1 AR-1016-1	5.559	4.725	80712	237034	1.296	3.181 #
4)	L1 AR-1016-2	5.601	4.725f	72636	237034	0.808	2.293 #
5)	L1 AR-1016-3	5.659	4.930	23465	205173	0.415	3.480 #
6)	L1 AR-1016-4	5.742	4.973	120368	376862	2.606	8.012 #
8)	L2 AR-1221-1	4.601	3.850	182060	-30716	6.292	N.D. #
9)	L2 AR-1221-2	4.704f	3.936	254335	176251	11.735	7.913 #
10)	L2 AR-1221-3	4.768	3.986f	38400	61464	0.637	0.965 #
11)	L3 AR-1232-1	4.768	3.986f	38400	61464	0.877	1.332 #
12)	L3 AR-1232-2	5.294	4.725	39353	237034	1.509	5.009 #
13)	L3 AR-1232-3	5.601	4.930	72636	205173	1.780	7.538 #
14)	L3 AR-1232-4	5.742	5.025f	120368	70042	5.653	2.873 #
15)	L3 AR-1232-5	5.828f	5.187	408684	-31537	22.378	N.D. #
16)	L4 AR-1242-1	5.559	4.725	80712	237034	1.694	4.072 #
17)	L4 AR-1242-2	5.601	4.725	72636	237034	1.062	2.970 #
18)	L4 AR-1242-3	5.659	4.930	23465	205173	0.539	4.375 #
19)	L4 AR-1242-4	5.742	5.025f	120368	70042	3.416	1.510 #
20)	L4 AR-1242-5	6.496	5.511f	134607	73841	4.154	1.321 #
21)	L5 AR-1248-1	5.559	4.725	80712	237034	1.918	4.606 #
22)	L5 AR-1248-2	5.828f	4.973	408684	376862	6.268	5.249
23)	L5 AR-1248-3	0.000	5.025f	0	70042	N.D.	0.926 #
24)	L5 AR-1248-4	6.459	5.187	500852	-31537	7.837	N.D. #
25)	L5 AR-1248-5	6.496	5.581	134607	30959	2.098	0.372 #
26)	L6 AR-1254-1	6.427	5.550f	82131	284640	1.224	2.549 #
27)	L6 AR-1254-2	6.650	5.675	84161	209335	0.890	2.097 #
28)	L6 AR-1254-3	7.016	6.099	671284	284235	7.370	1.817 #
29)	L6 AR-1254-4	7.301	6.321	529927	35270	8.897	0.382 #
30)	L6 AR-1254-5	7.735	6.759f	65888	381521	0.960	2.636 #
31)	L7 AR-1260-1	7.175f	6.216	554592	49331	7.029	0.449 #
32)	L7 AR-1260-2	7.457	6.389f	206973	414943	2.583	3.265 #
33)	L7 AR-1260-3	7.808	6.552	131784	141682	2.313	1.155 #
34)	L7 AR-1260-4	8.044	7.021f	241283	6213	3.631	0.071 #
35)	L7 AR-1260-5	8.365	7.280	113412	66867	1.056	0.362 #
36)	L8 AR-1262-1	7.808	6.832	131784	263414	1.530	4.146 #
37)	L8 AR-1262-2	8.365	7.021f	113412	6213	0.932	0.050 #
38)	L8 AR-1262-3	8.676	7.559	50728	171722	0.583	1.830 #
39)	L8 AR-1262-4	0.000	7.625	0	146002	N.D.	0.857 #
40)	L8 AR-1262-5	9.437	8.144	100085	483900	2.614	6.575 #
41)	L9 AR-1268-1	8.676	7.559	50728	171722	0.326	0.652 #
42)	L9 AR-1268-2	0.000	7.625	0	146002	N.D.	0.596 #

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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
43) L9	AR-1268-3	9.011	7.818f	173075	13688	1.341	0.068 #
44) L9	AR-1268-4	9.437	8.144	100085	483900	2.363	5.843 #
45) L9	AR-1268-5	9.871	0.000	29606	0	0.091	N.D. #

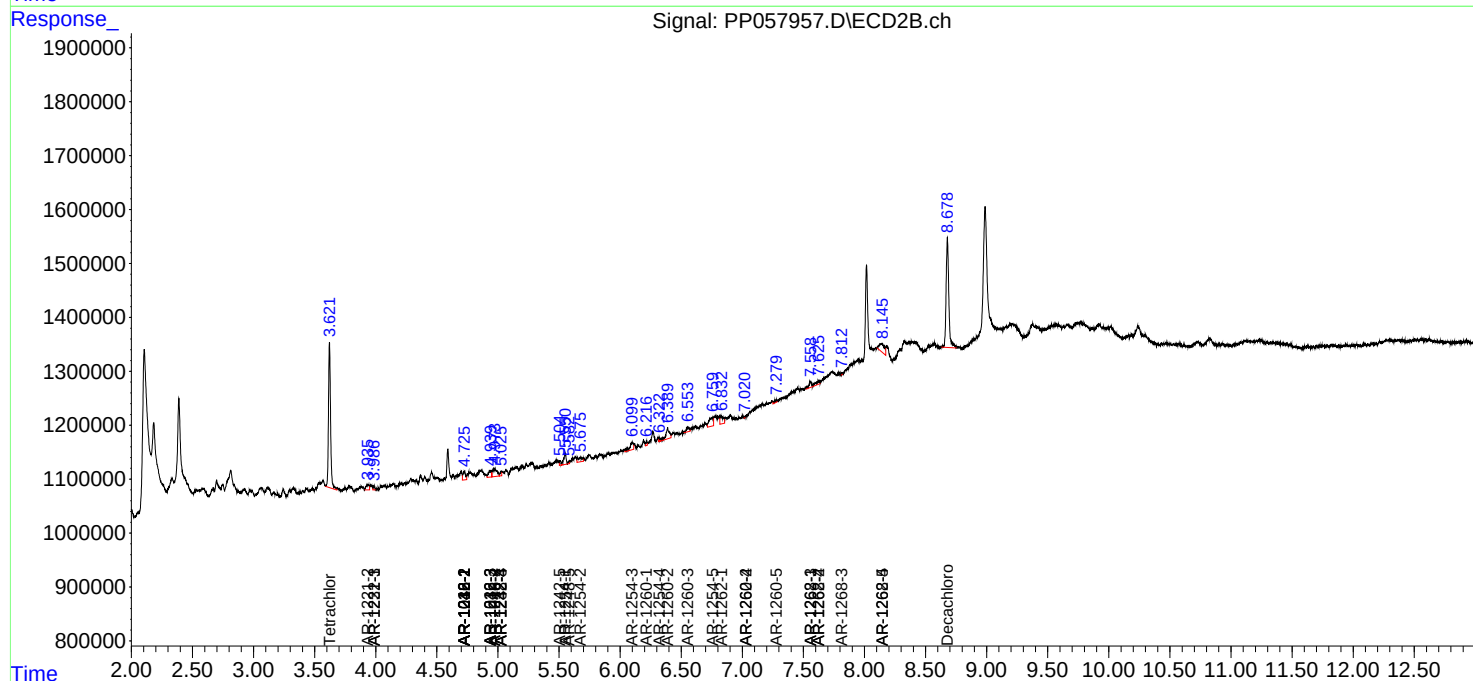
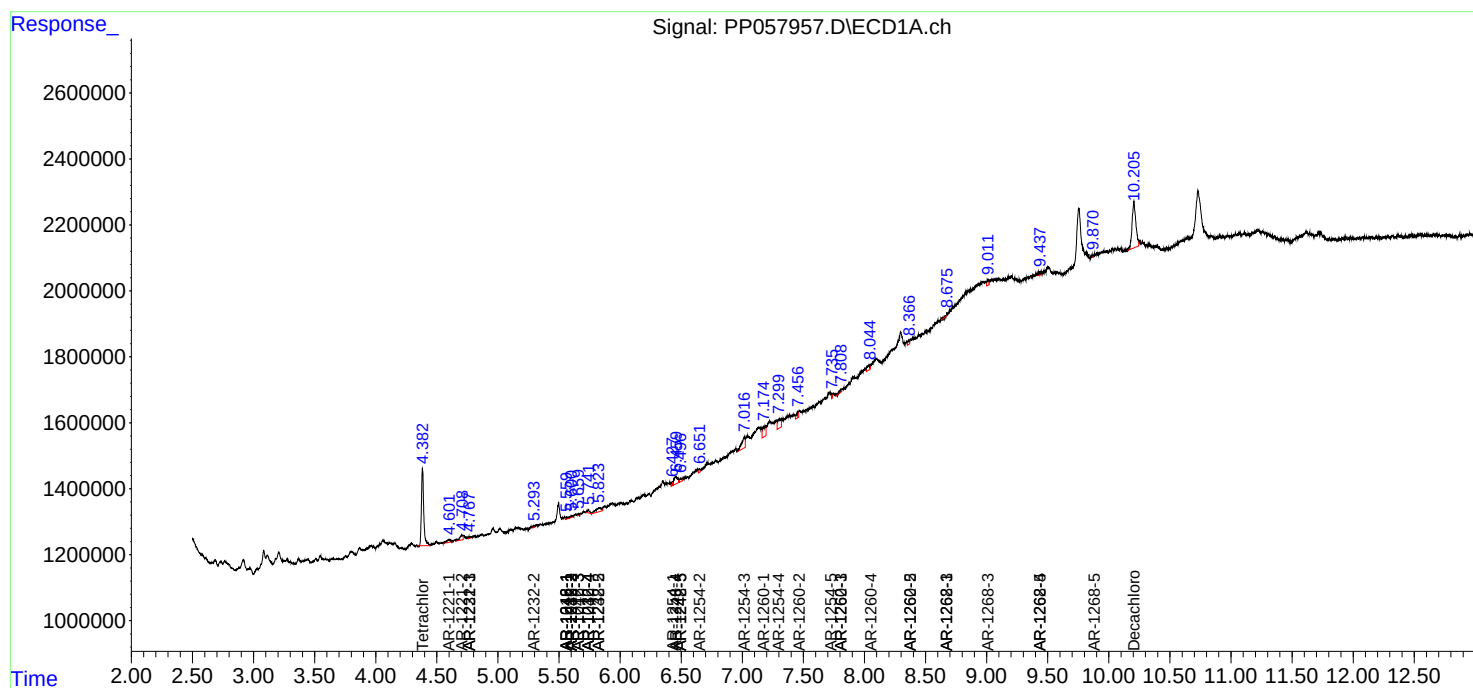
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

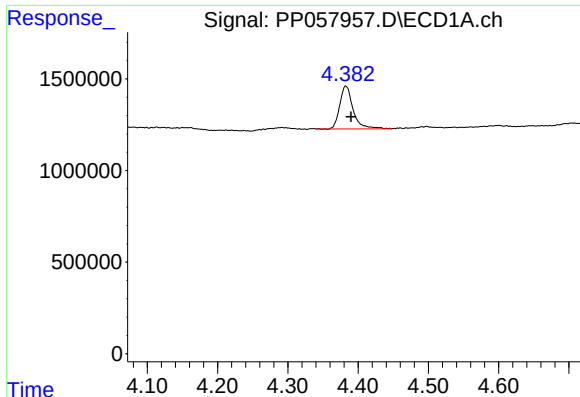
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

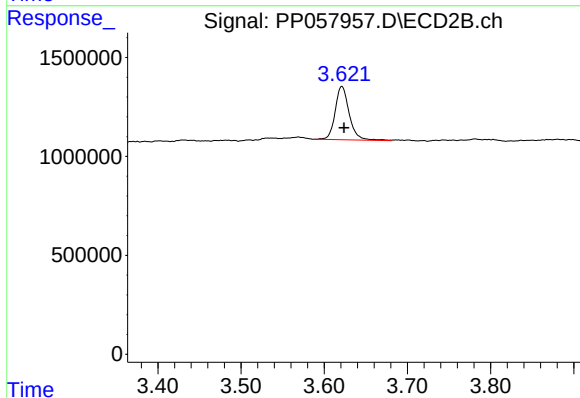




#1 Tetrachloro-m-xylene

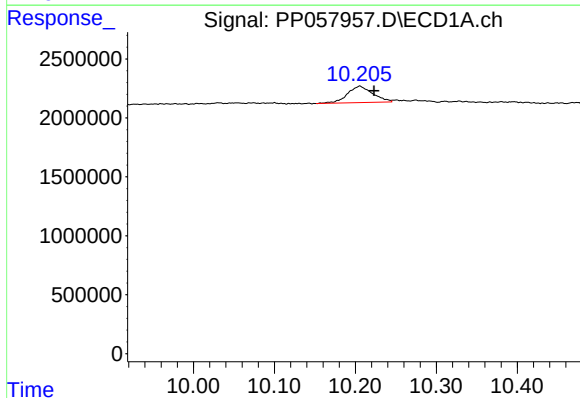
R.T.: 4.383 min
Delta R.T.: -0.007 min
Response: 3093056
Conc: 1.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



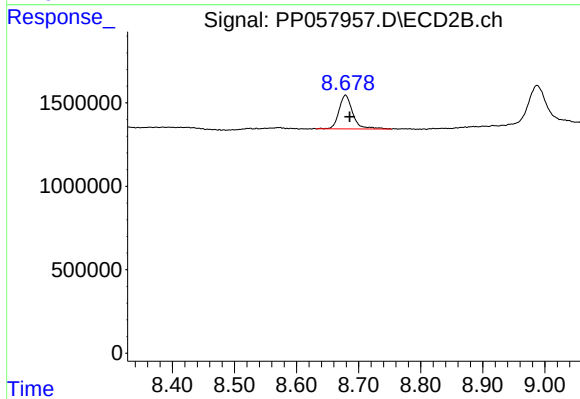
#1 Tetrachloro-m-xylene

R.T.: 3.621 min
Delta R.T.: -0.002 min
Response: 3155274
Conc: 1.39 ng/ml



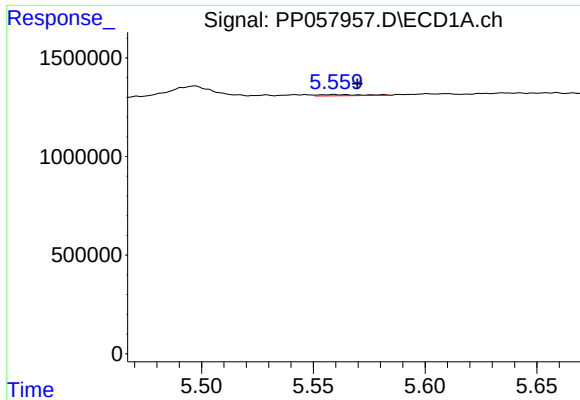
#2 Decachlorobiphenyl

R.T.: 10.205 min
Delta R.T.: -0.018 min
Response: 2996527
Conc: 2.64 ng/ml



#2 Decachlorobiphenyl

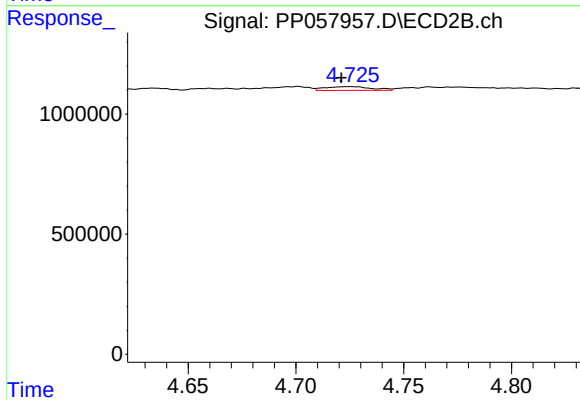
R.T.: 8.679 min
Delta R.T.: -0.007 min
Response: 3125186
Conc: 1.99 ng/ml



#3 AR-1016-1

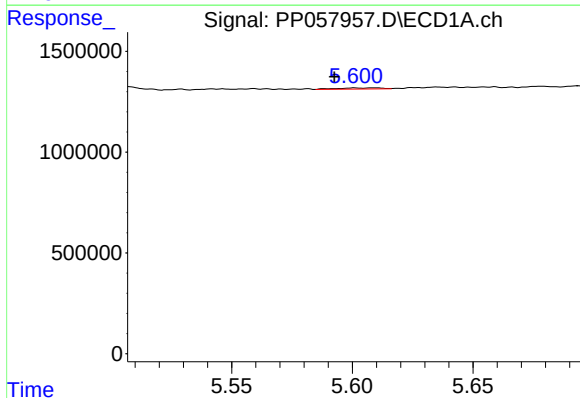
R.T.: 5.559 min
Delta R.T.: -0.010 min
Response: 80712
Conc: 1.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



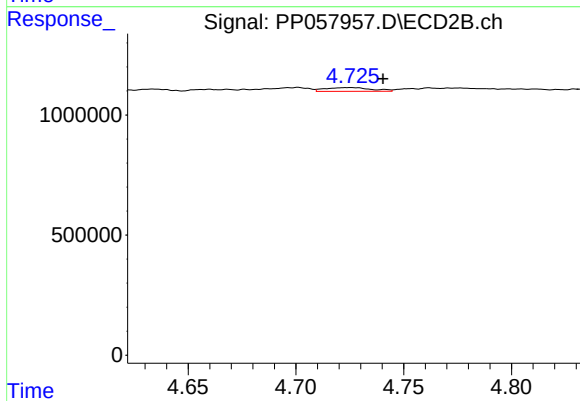
#3 AR-1016-1

R.T.: 4.725 min
Delta R.T.: 0.004 min
Response: 237034
Conc: 3.18 ng/ml



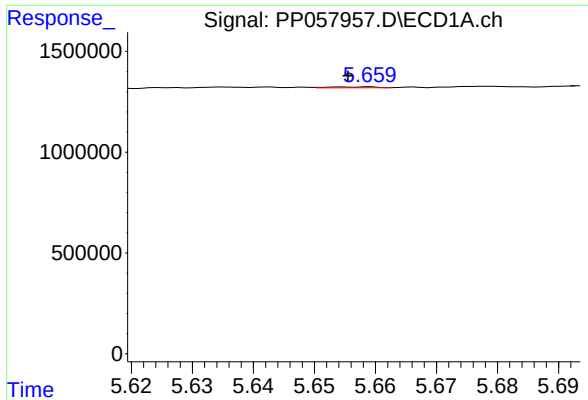
#4 AR-1016-2

R.T.: 5.601 min
Delta R.T.: 0.008 min
Response: 72636
Conc: 0.81 ng/ml



#4 AR-1016-2

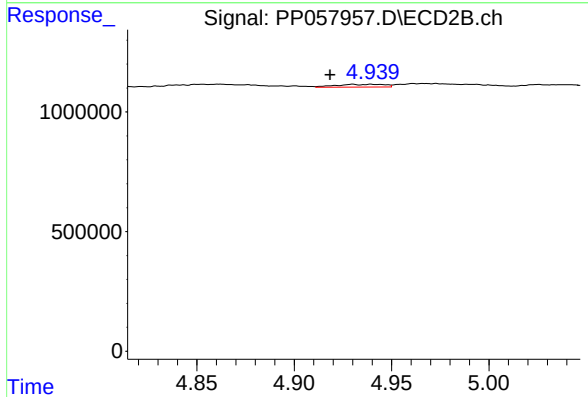
R.T.: 4.725 min
Delta R.T.: -0.015 min
Response: 237034
Conc: 2.29 ng/ml



#5 AR-1016-3

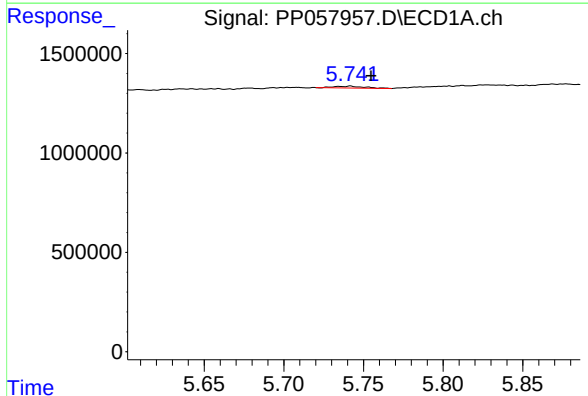
R.T.: 5.659 min
Delta R.T.: 0.003 min
Response: 23465
Conc: 0.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



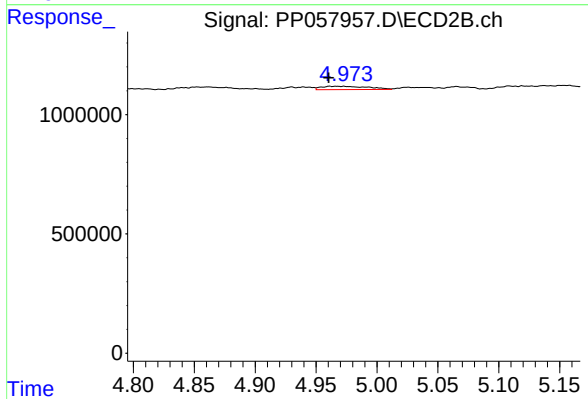
#5 AR-1016-3

R.T.: 4.930 min
Delta R.T.: 0.012 min
Response: 205173
Conc: 3.48 ng/ml



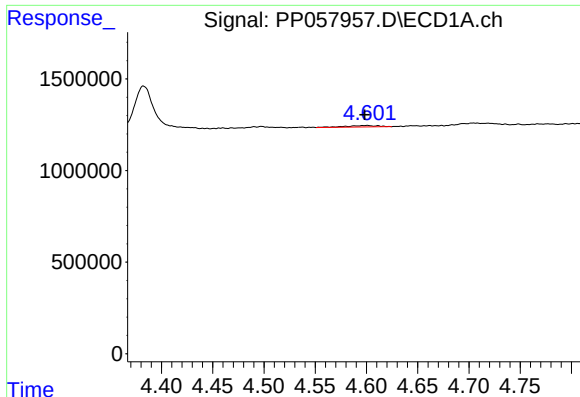
#6 AR-1016-4

R.T.: 5.742 min
Delta R.T.: -0.013 min
Response: 120368
Conc: 2.61 ng/ml



#6 AR-1016-4

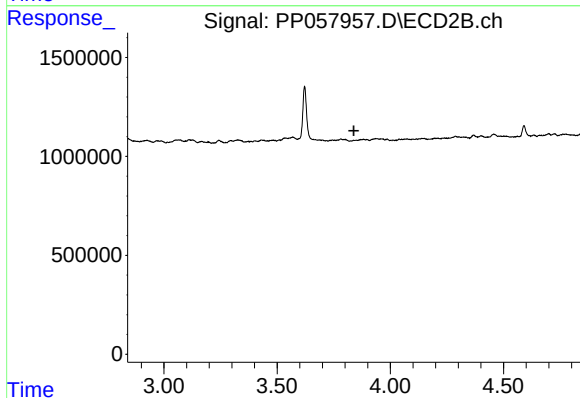
R.T.: 4.973 min
Delta R.T.: 0.012 min
Response: 376862
Conc: 8.01 ng/ml



#8 AR-1221-1

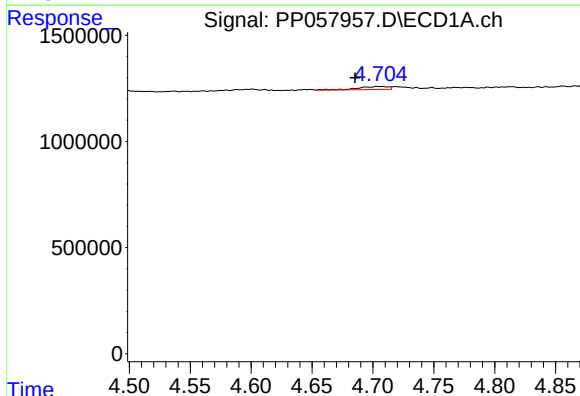
R.T.: 4.601 min
Delta R.T.: 0.003 min
Response: 182060
Conc: 6.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



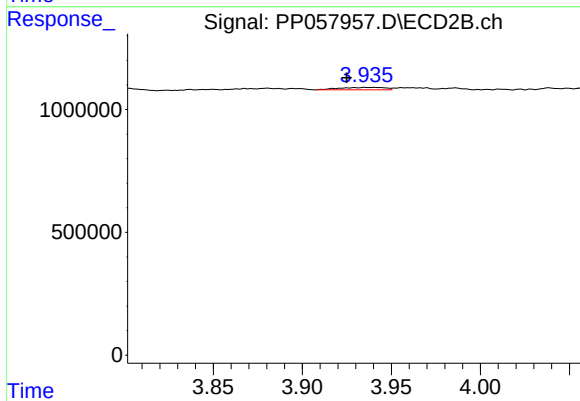
#8 AR-1221-1

R.T.: 3.850 min
Delta R.T.: 0.011 min
Response: -30716
Conc: N.D.



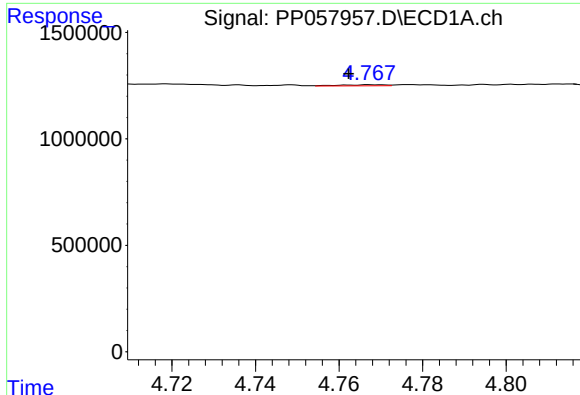
#9 AR-1221-2

R.T.: 4.704 min
Delta R.T.: 0.019 min
Response: 254335
Conc: 11.73 ng/ml



#9 AR-1221-2

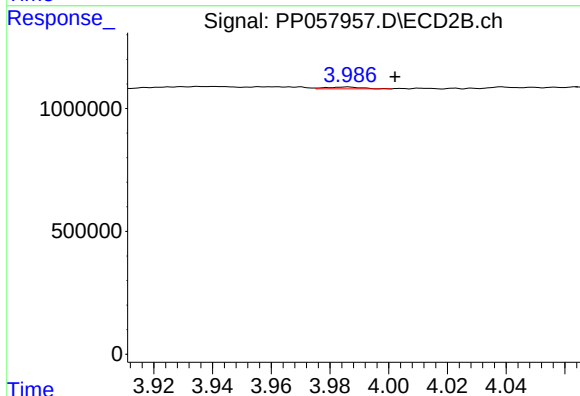
R.T.: 3.936 min
Delta R.T.: 0.011 min
Response: 176251
Conc: 7.91 ng/ml



#10 AR-1221-3

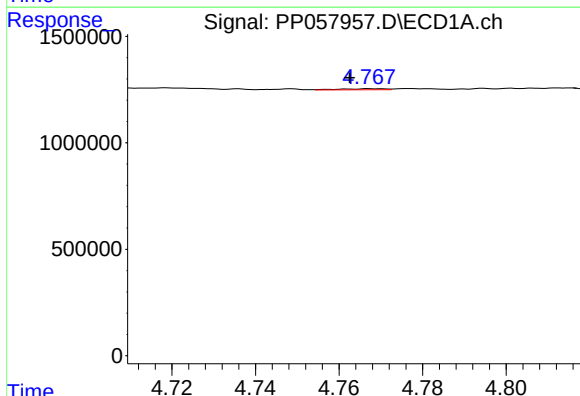
R.T.: 4.768 min
Delta R.T.: 0.005 min
Response: 38400
Conc: 0.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



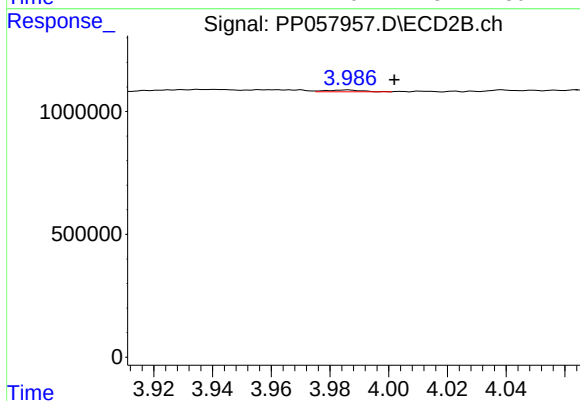
#10 AR-1221-3

R.T.: 3.986 min
Delta R.T.: -0.016 min
Response: 61464
Conc: 0.96 ng/ml



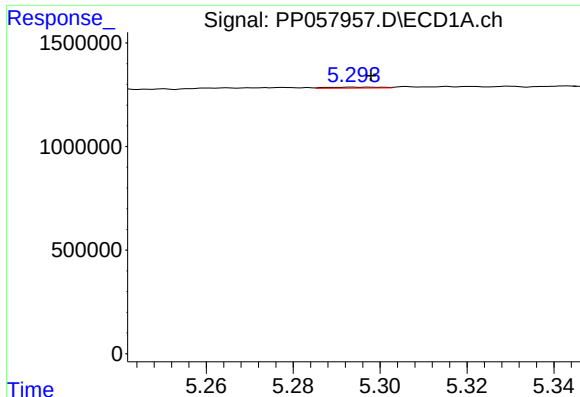
#11 AR-1232-1

R.T.: 4.768 min
Delta R.T.: 0.005 min
Response: 38400
Conc: 0.88 ng/ml



#11 AR-1232-1

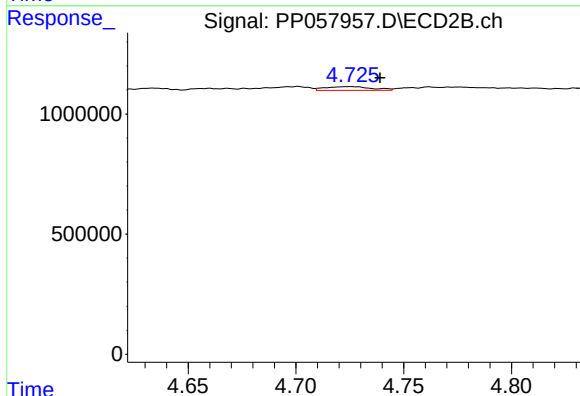
R.T.: 3.986 min
Delta R.T.: -0.016 min
Response: 61464
Conc: 1.33 ng/ml



#12 AR-1232-2

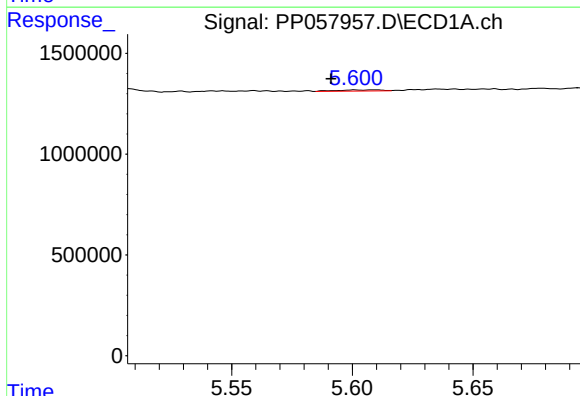
R.T.: 5.294 min
Delta R.T.: -0.004 min
Response: 39353
Conc: 1.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



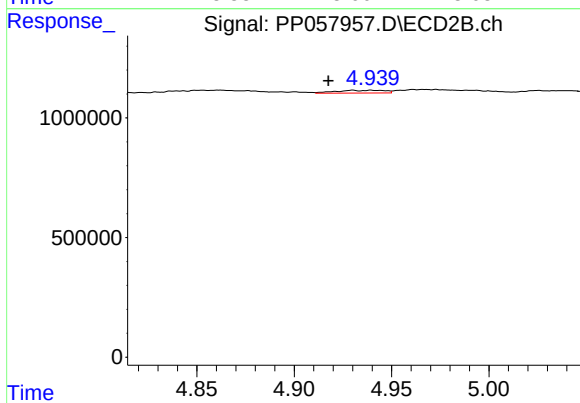
#12 AR-1232-2

R.T.: 4.725 min
Delta R.T.: -0.014 min
Response: 237034
Conc: 5.01 ng/ml



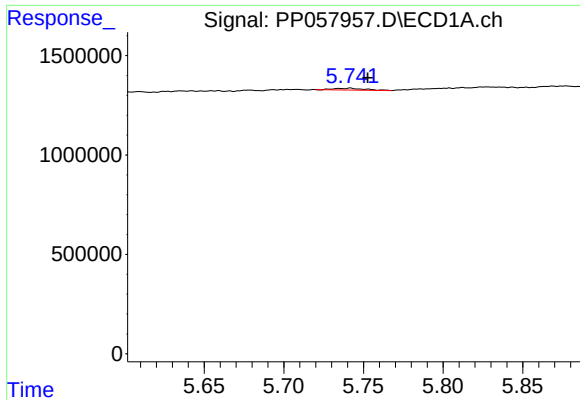
#13 AR-1232-3

R.T.: 5.601 min
Delta R.T.: 0.010 min
Response: 72636
Conc: 1.78 ng/ml



#13 AR-1232-3

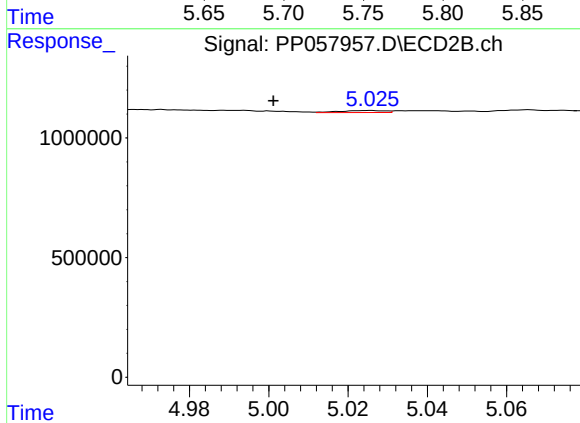
R.T.: 4.930 min
Delta R.T.: 0.012 min
Response: 205173
Conc: 7.54 ng/ml



#14 AR-1232-4

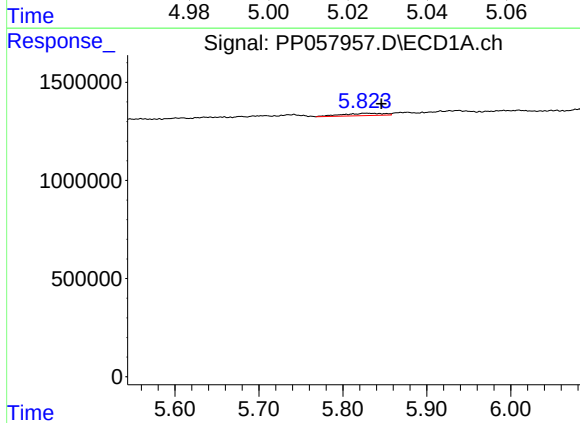
R.T.: 5.742 min
Delta R.T.: -0.011 min
Response: 120368
Conc: 5.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



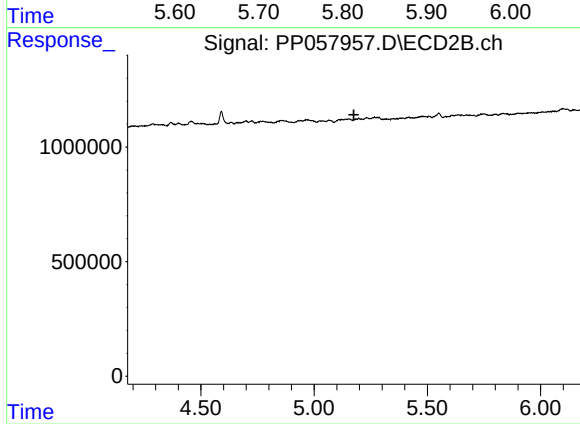
#14 AR-1232-4

R.T.: 5.025 min
Delta R.T.: 0.024 min
Response: 70042
Conc: 2.87 ng/ml



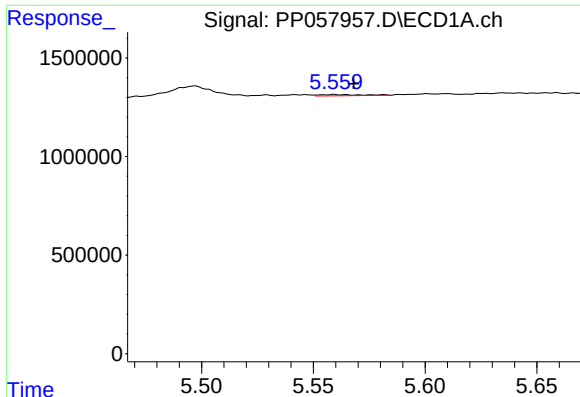
#15 AR-1232-5

R.T.: 5.828 min
Delta R.T.: -0.018 min
Response: 408684
Conc: 22.38 ng/ml



#15 AR-1232-5

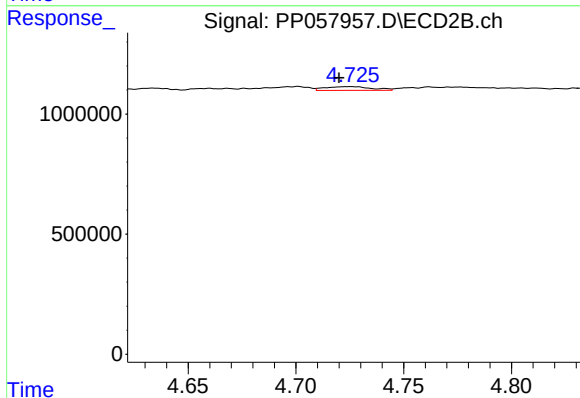
R.T.: 5.187 min
Delta R.T.: 0.011 min
Response: -31537
Conc: N.D.



#16 AR-1242-1

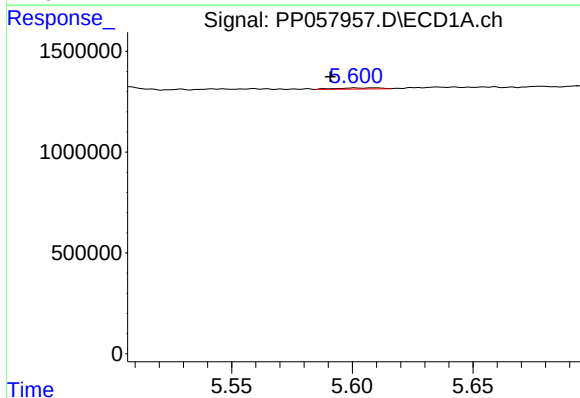
R.T.: 5.559 min
Delta R.T.: -0.009 min
Response: 80712
Conc: 1.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



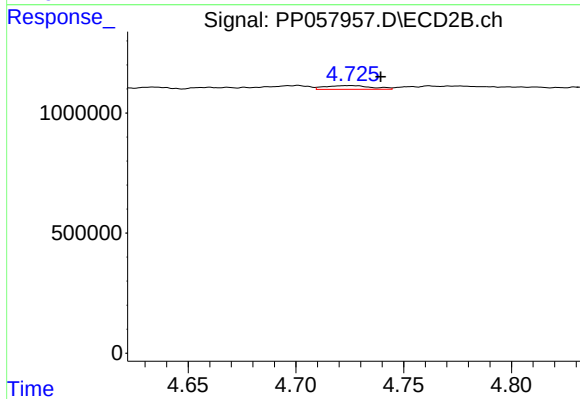
#16 AR-1242-1

R.T.: 4.725 min
Delta R.T.: 0.005 min
Response: 237034
Conc: 4.07 ng/ml



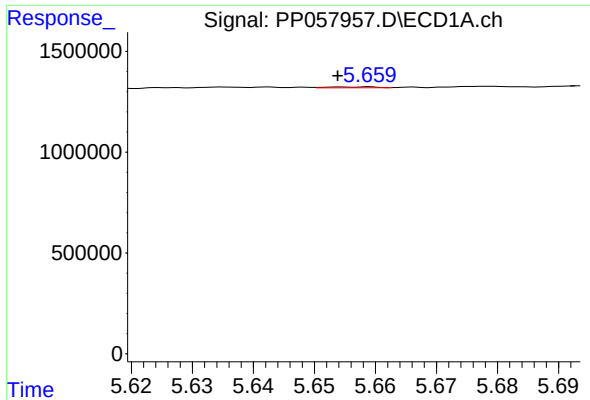
#17 AR-1242-2

R.T.: 5.601 min
Delta R.T.: 0.010 min
Response: 72636
Conc: 1.06 ng/ml



#17 AR-1242-2

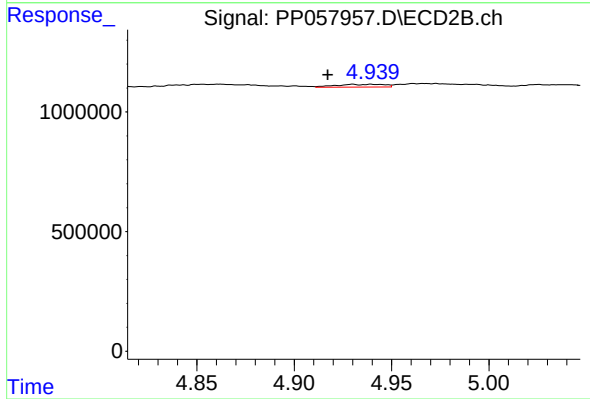
R.T.: 4.725 min
Delta R.T.: -0.014 min
Response: 237034
Conc: 2.97 ng/ml



#18 AR-1242-3

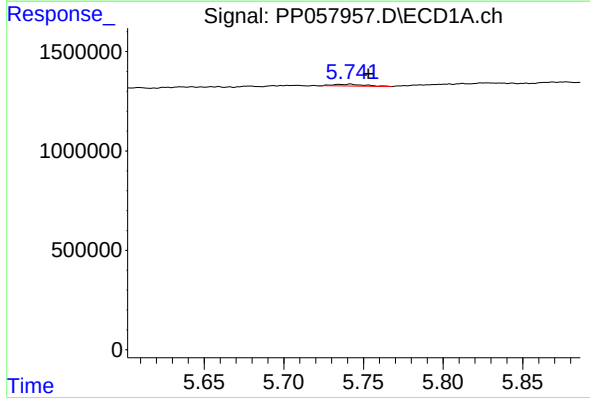
R.T.: 5.659 min
Delta R.T.: 0.005 min
Response: 23465
Conc: 0.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



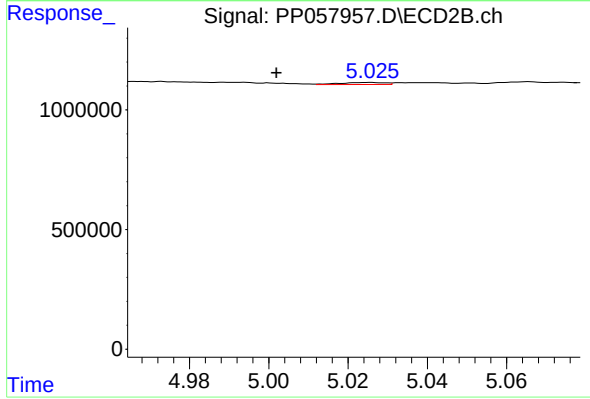
#18 AR-1242-3

R.T.: 4.930 min
Delta R.T.: 0.013 min
Response: 205173
Conc: 4.37 ng/ml



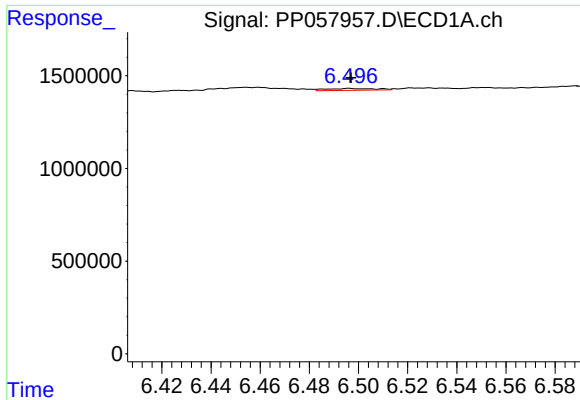
#19 AR-1242-4

R.T.: 5.742 min
Delta R.T.: -0.011 min
Response: 120368
Conc: 3.42 ng/ml



#19 AR-1242-4

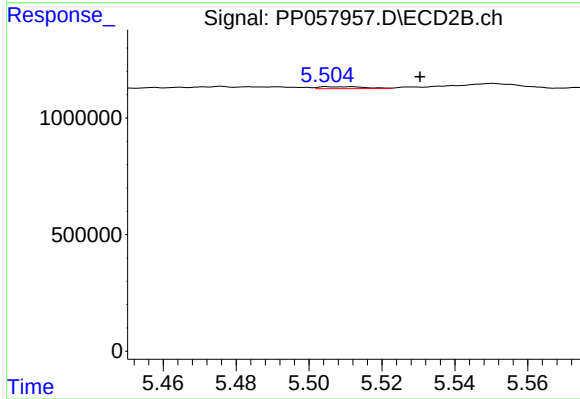
R.T.: 5.025 min
Delta R.T.: 0.023 min
Response: 70042
Conc: 1.51 ng/ml



#20 AR-1242-5

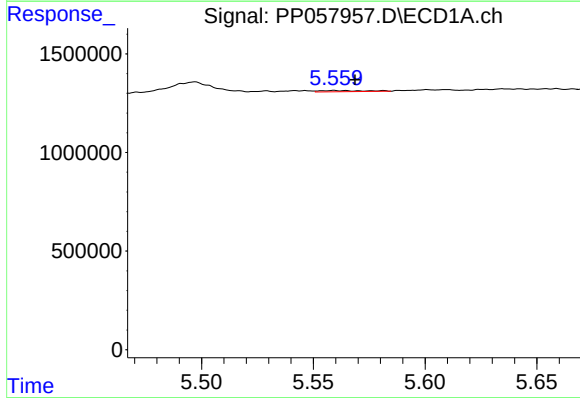
R.T.: 6.496 min
Delta R.T.: 0.000 min
Response: 134607
Conc: 4.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



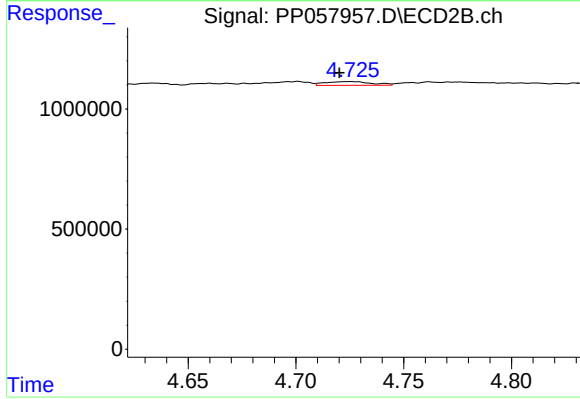
#20 AR-1242-5

R.T.: 5.511 min
Delta R.T.: -0.019 min
Response: 73841
Conc: 1.32 ng/ml



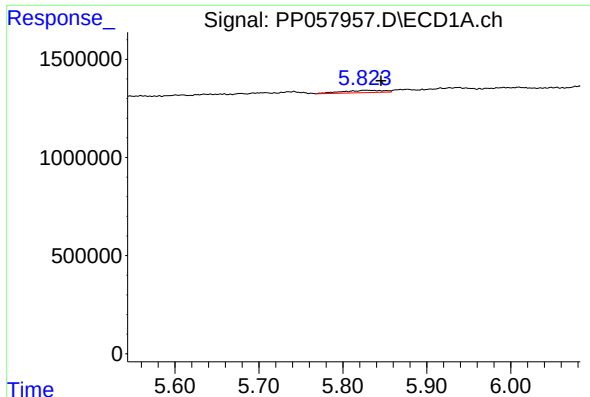
#21 AR-1248-1

R.T.: 5.559 min
Delta R.T.: -0.009 min
Response: 80712
Conc: 1.92 ng/ml



#21 AR-1248-1

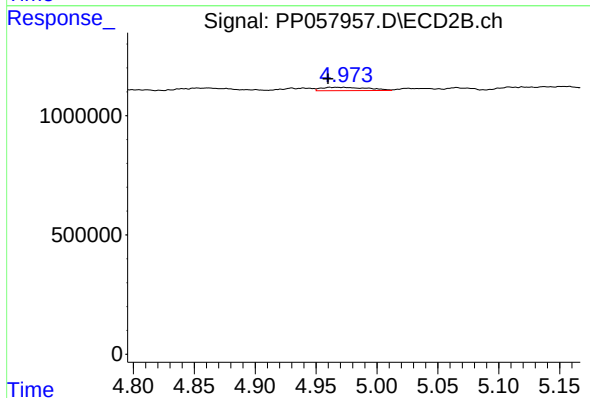
R.T.: 4.725 min
Delta R.T.: 0.005 min
Response: 237034
Conc: 4.61 ng/ml



#22 AR-1248-2

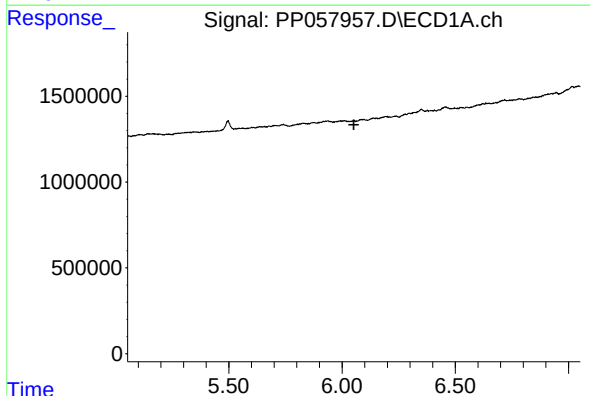
R.T.: 5.828 min
Delta R.T.: -0.018 min
Response: 408684
Conc: 6.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



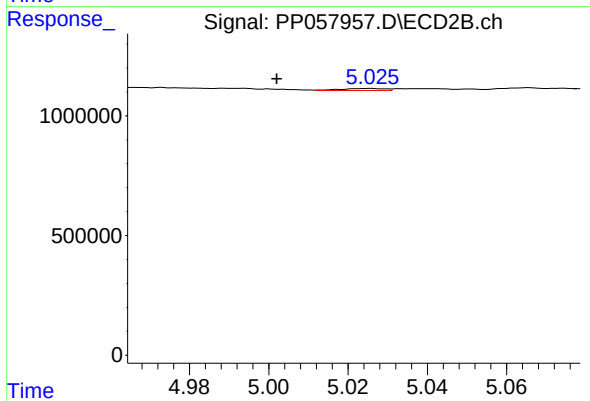
#22 AR-1248-2

R.T.: 4.973 min
Delta R.T.: 0.013 min
Response: 376862
Conc: 5.25 ng/ml



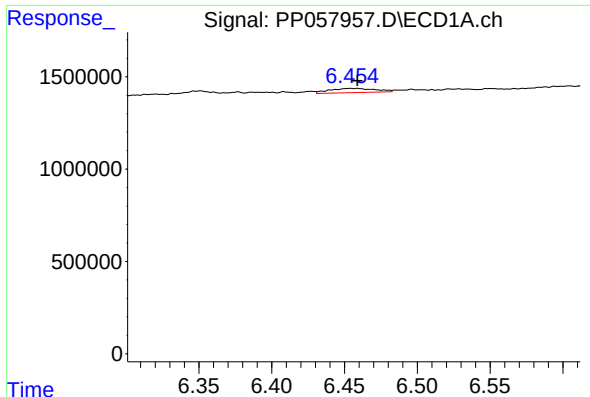
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 6.052 min
Response: 0
Conc: N.D.



#23 AR-1248-3

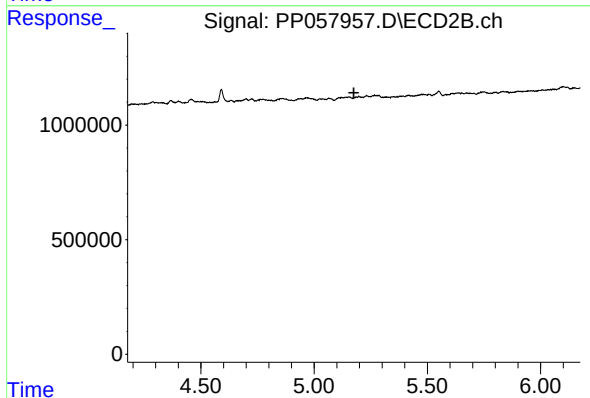
R.T.: 5.025 min
Delta R.T.: 0.023 min
Response: 70042
Conc: 0.93 ng/ml



#24 AR-1248-4

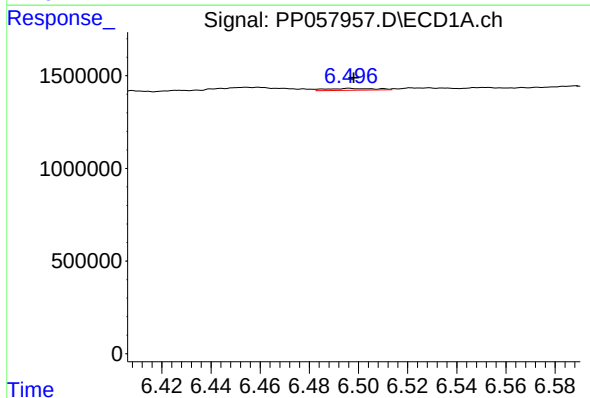
R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 500852
Conc: 7.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



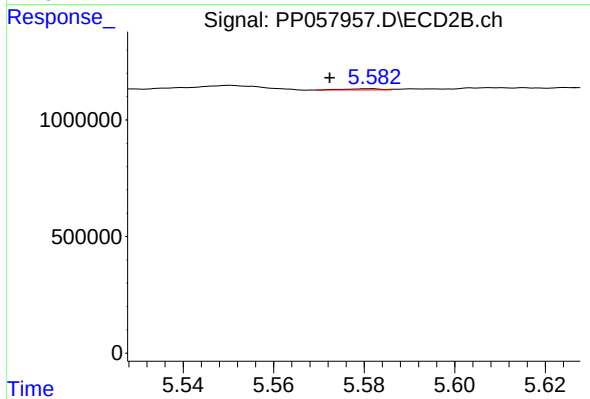
#24 AR-1248-4

R.T.: 5.187 min
Delta R.T.: 0.011 min
Response: -31537
Conc: N.D.



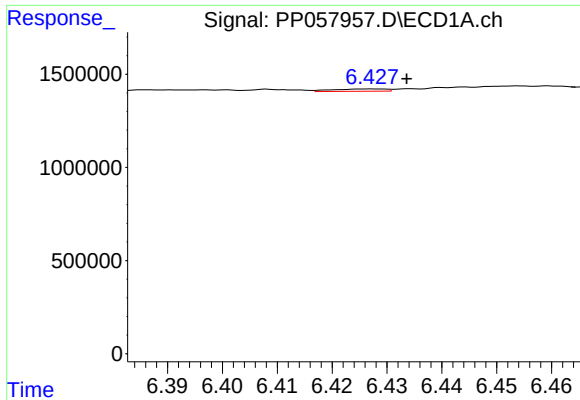
#25 AR-1248-5

R.T.: 6.496 min
Delta R.T.: -0.002 min
Response: 134607
Conc: 2.10 ng/ml



#25 AR-1248-5

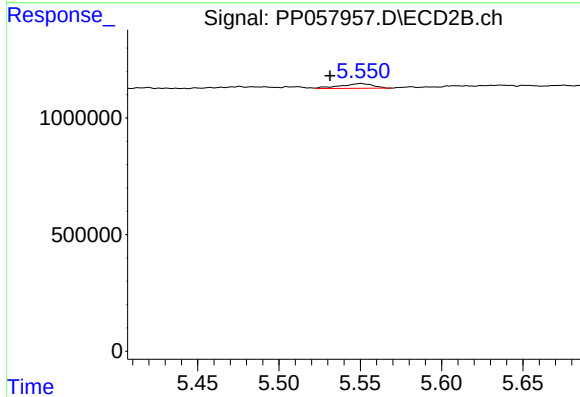
R.T.: 5.581 min
Delta R.T.: 0.009 min
Response: 30959
Conc: 0.37 ng/ml



#26 AR-1254-1

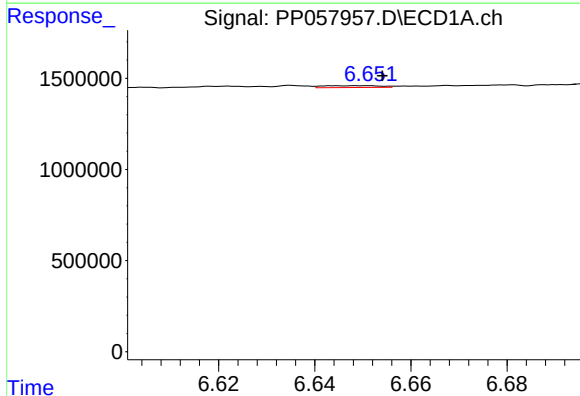
R.T.: 6.427 min
Delta R.T.: -0.007 min
Response: 82131
Conc: 1.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



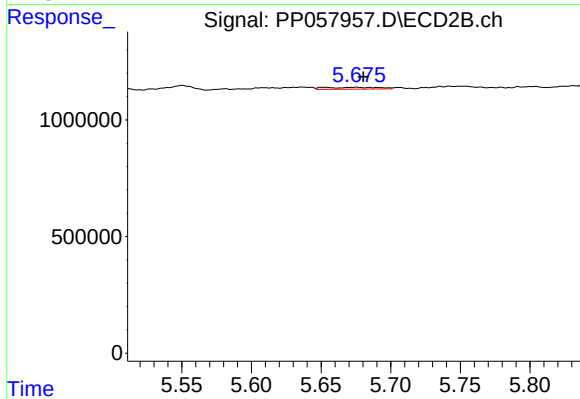
#26 AR-1254-1

R.T.: 5.550 min
Delta R.T.: 0.019 min
Response: 284640
Conc: 2.55 ng/ml



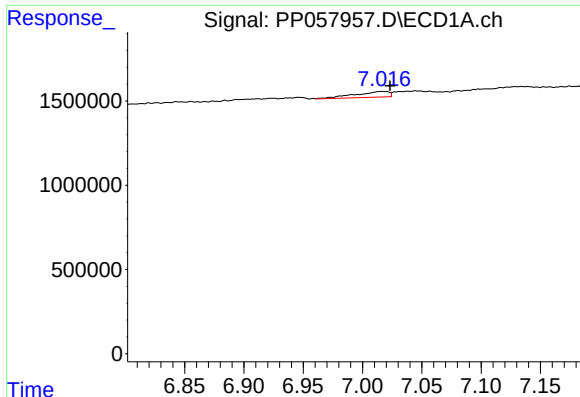
#27 AR-1254-2

R.T.: 6.650 min
Delta R.T.: -0.004 min
Response: 84161
Conc: 0.89 ng/ml



#27 AR-1254-2

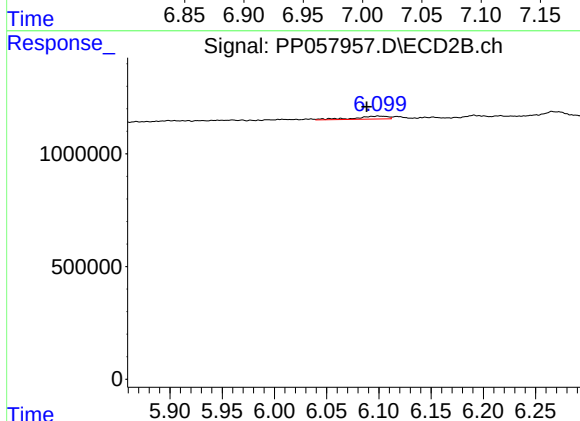
R.T.: 5.675 min
Delta R.T.: -0.005 min
Response: 209335
Conc: 2.10 ng/ml



#28 AR-1254-3

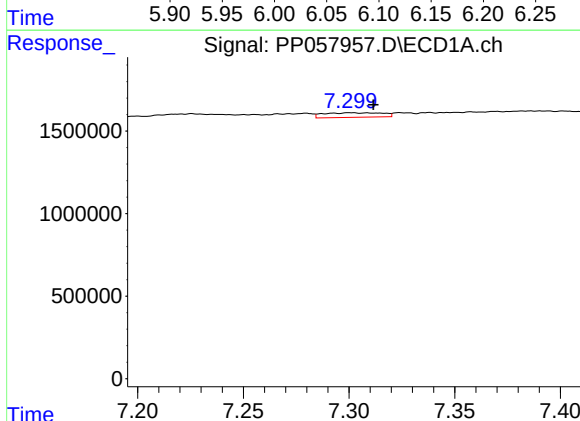
R.T.: 7.016 min
Delta R.T.: -0.007 min
Response: 671284
Conc: 7.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



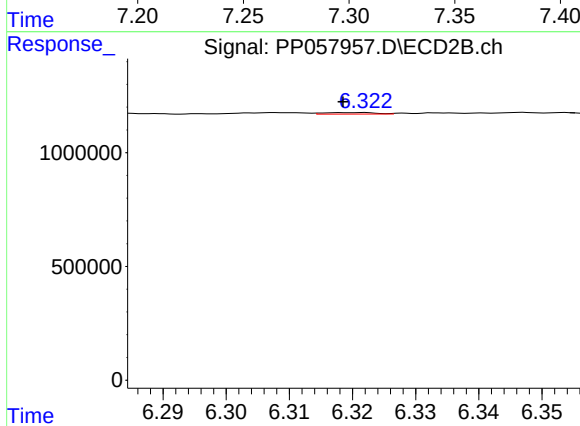
#28 AR-1254-3

R.T.: 6.099 min
Delta R.T.: 0.011 min
Response: 284235
Conc: 1.82 ng/ml



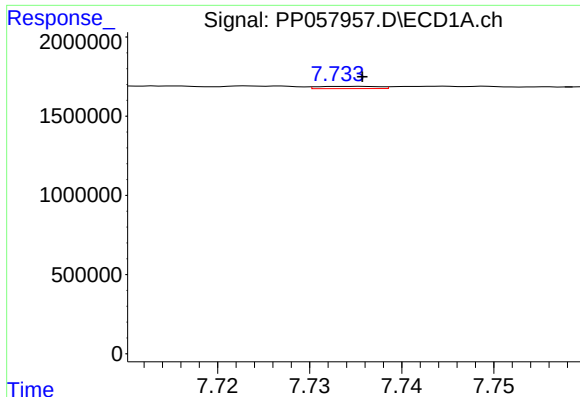
#29 AR-1254-4

R.T.: 7.301 min
Delta R.T.: -0.011 min
Response: 529927
Conc: 8.90 ng/ml



#29 AR-1254-4

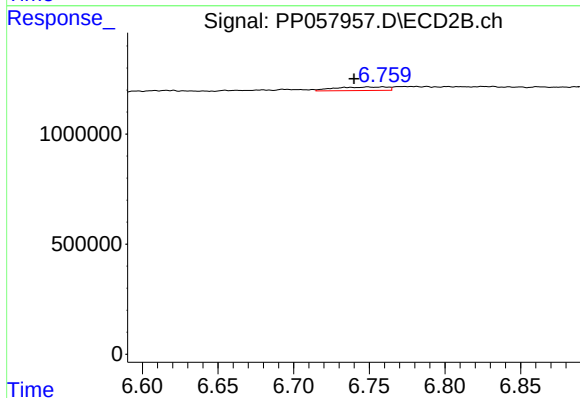
R.T.: 6.321 min
Delta R.T.: 0.002 min
Response: 35270
Conc: 0.38 ng/ml



#30 AR-1254-5

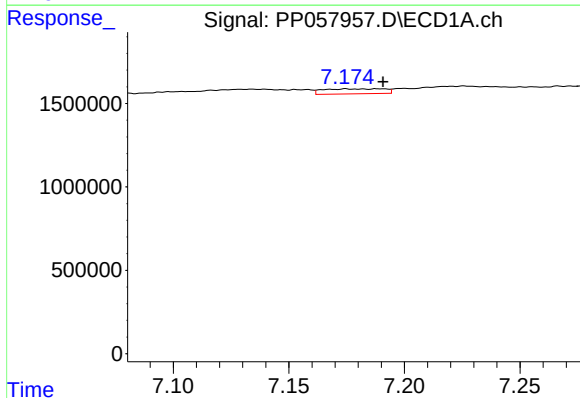
R.T.: 7.735 min
Delta R.T.: -0.001 min
Response: 65888
Conc: 0.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



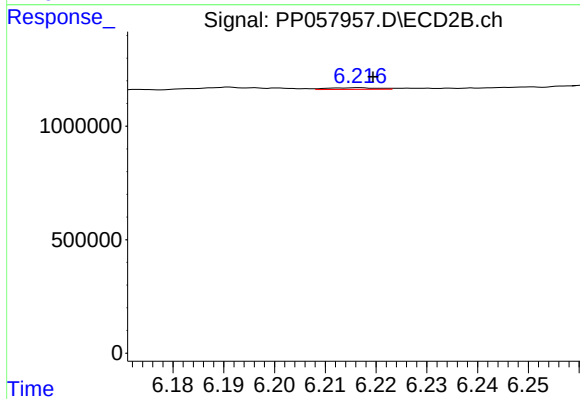
#30 AR-1254-5

R.T.: 6.759 min
Delta R.T.: 0.019 min
Response: 381521
Conc: 2.64 ng/ml



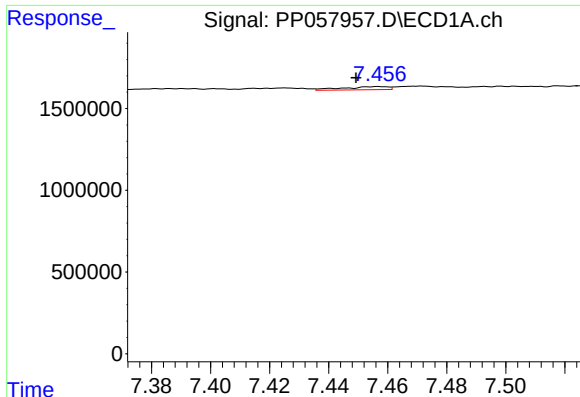
#31 AR-1260-1

R.T.: 7.175 min
Delta R.T.: -0.016 min
Response: 554592
Conc: 7.03 ng/ml



#31 AR-1260-1

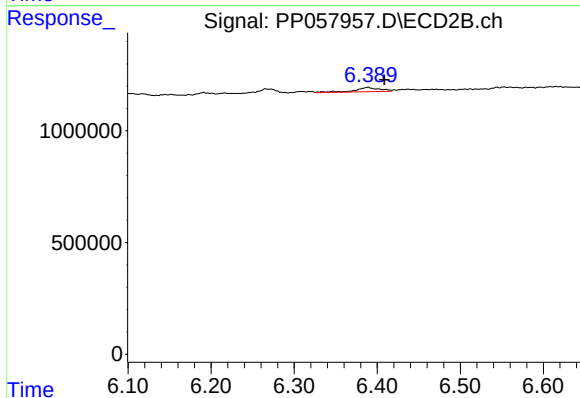
R.T.: 6.216 min
Delta R.T.: -0.003 min
Response: 49331
Conc: 0.45 ng/ml



#32 AR-1260-2

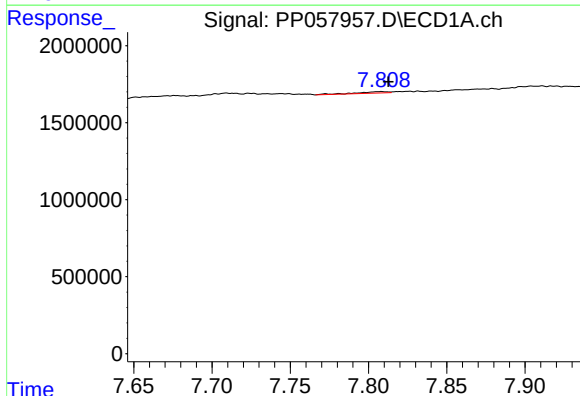
R.T.: 7.457 min
Delta R.T.: 0.008 min
Response: 206973
Conc: 2.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



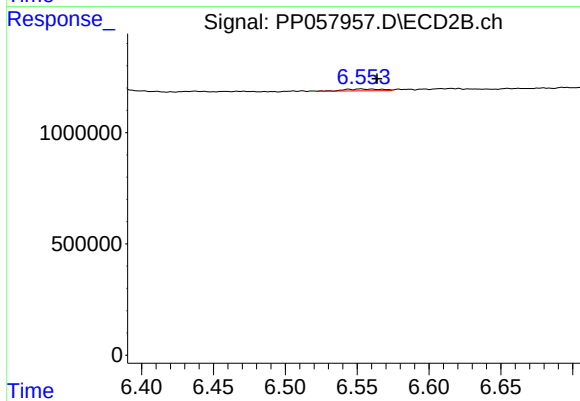
#32 AR-1260-2

R.T.: 6.389 min
Delta R.T.: -0.019 min
Response: 414943
Conc: 3.26 ng/ml



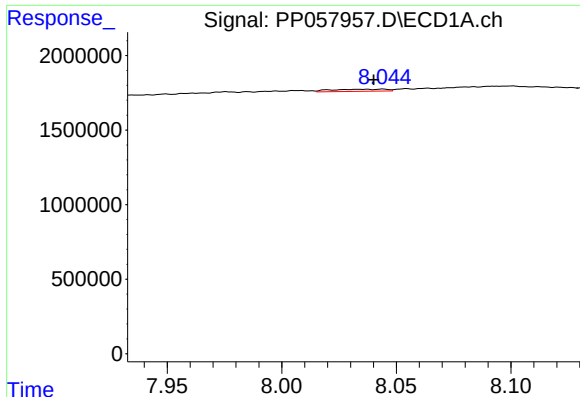
#33 AR-1260-3

R.T.: 7.808 min
Delta R.T.: -0.005 min
Response: 131784
Conc: 2.31 ng/ml



#33 AR-1260-3

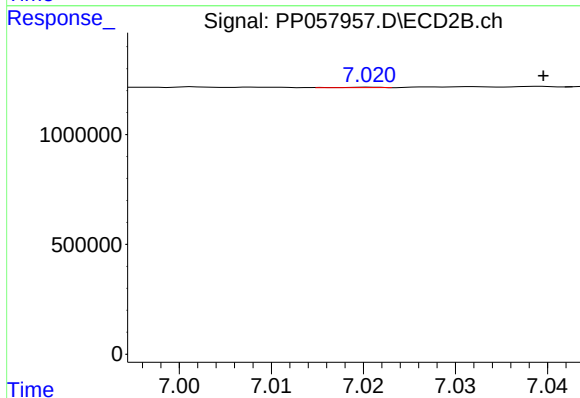
R.T.: 6.552 min
Delta R.T.: -0.011 min
Response: 141682
Conc: 1.16 ng/ml



#34 AR-1260-4

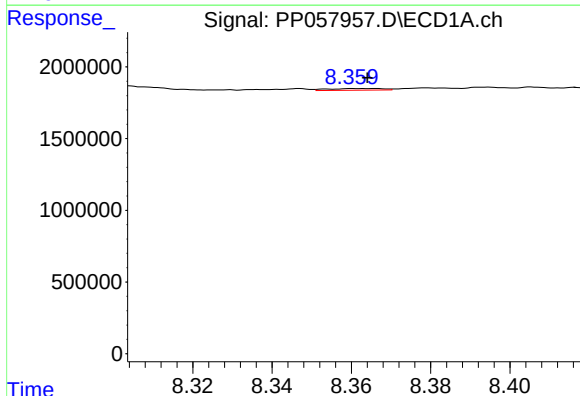
R.T.: 8.044 min
Delta R.T.: 0.004 min
Response: 241283
Conc: 3.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



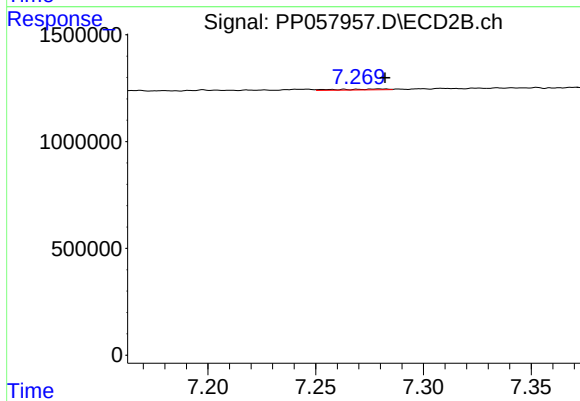
#34 AR-1260-4

R.T.: 7.021 min
Delta R.T.: -0.019 min
Response: 6213
Conc: 0.07 ng/ml



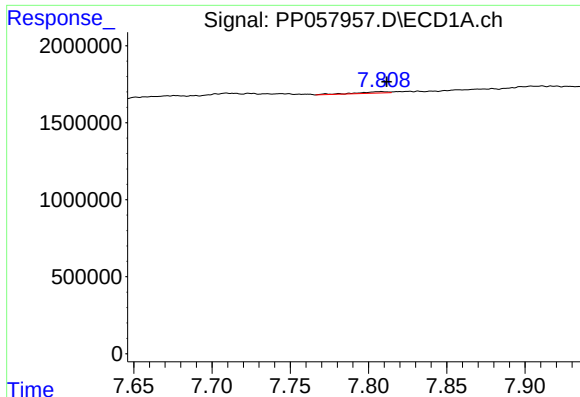
#35 AR-1260-5

R.T.: 8.365 min
Delta R.T.: 0.001 min
Response: 113412
Conc: 1.06 ng/ml



#35 AR-1260-5

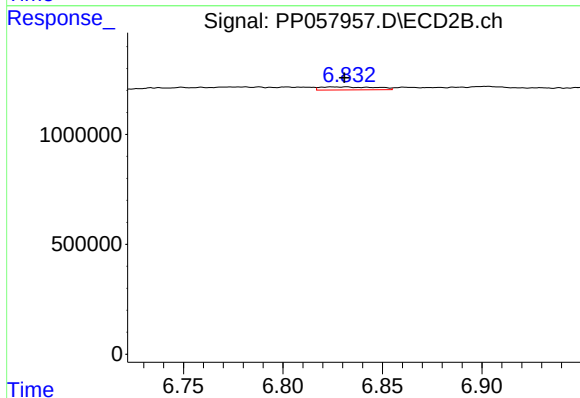
R.T.: 7.280 min
Delta R.T.: -0.002 min
Response: 66867
Conc: 0.36 ng/ml



#36 AR-1262-1

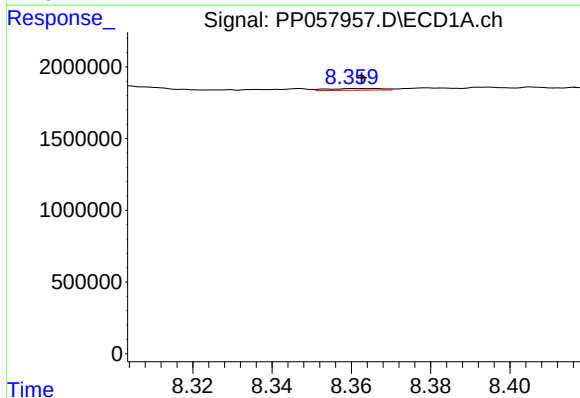
R.T.: 7.808 min
Delta R.T.: -0.004 min
Response: 131784
Conc: 1.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



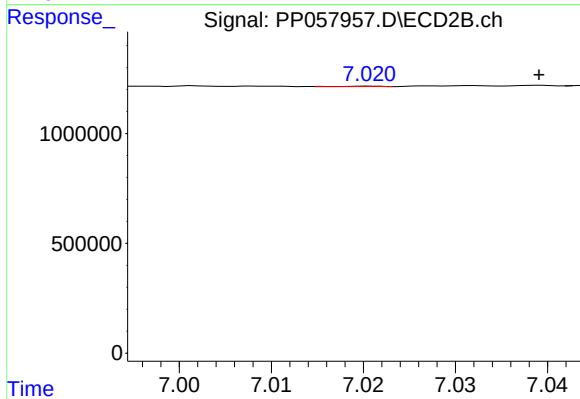
#36 AR-1262-1

R.T.: 6.832 min
Delta R.T.: 0.000 min
Response: 263414
Conc: 4.15 ng/ml



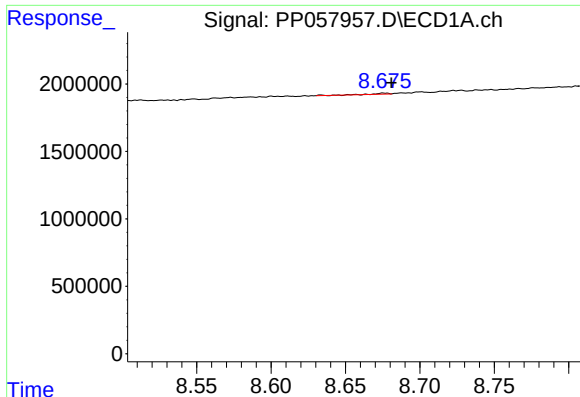
#37 AR-1262-2

R.T.: 8.365 min
Delta R.T.: 0.003 min
Response: 113412
Conc: 0.93 ng/ml



#37 AR-1262-2

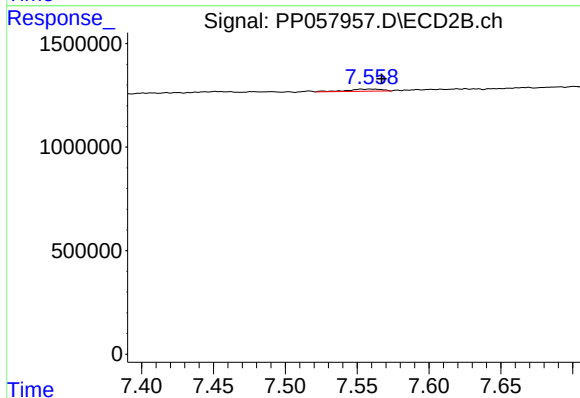
R.T.: 7.021 min
Delta R.T.: -0.019 min
Response: 6213
Conc: 0.05 ng/ml



#38 AR-1262-3

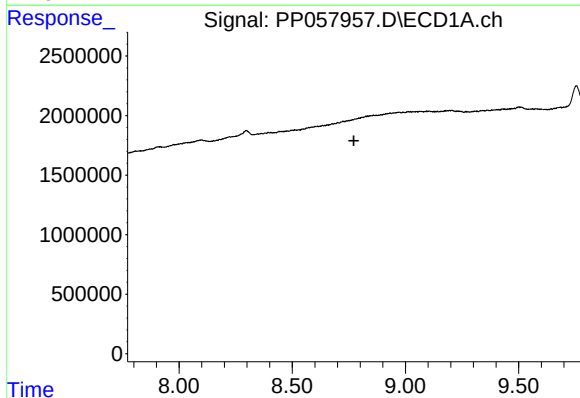
R.T.: 8.676 min
Delta R.T.: -0.005 min
Response: 50728
Conc: 0.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



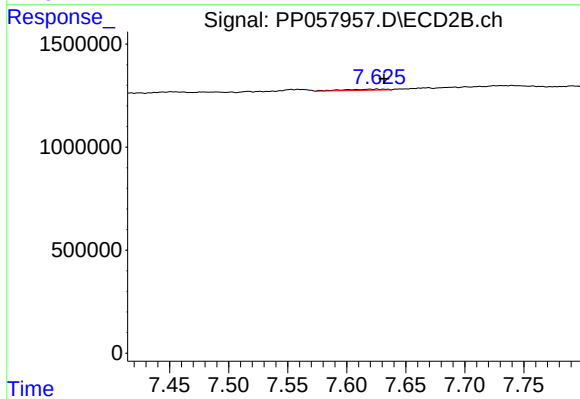
#38 AR-1262-3

R.T.: 7.559 min
Delta R.T.: -0.008 min
Response: 171722
Conc: 1.83 ng/ml



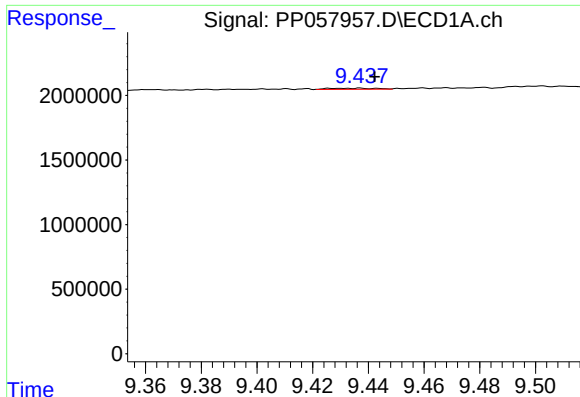
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.772 min
Response: 0
Conc: N.D.



#39 AR-1262-4

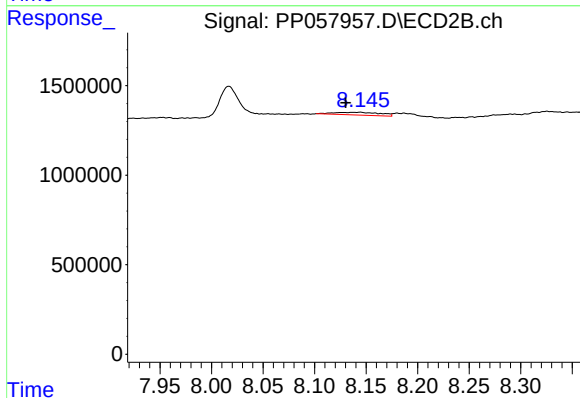
R.T.: 7.625 min
Delta R.T.: -0.006 min
Response: 146002
Conc: 0.86 ng/ml



#40 AR-1262-5

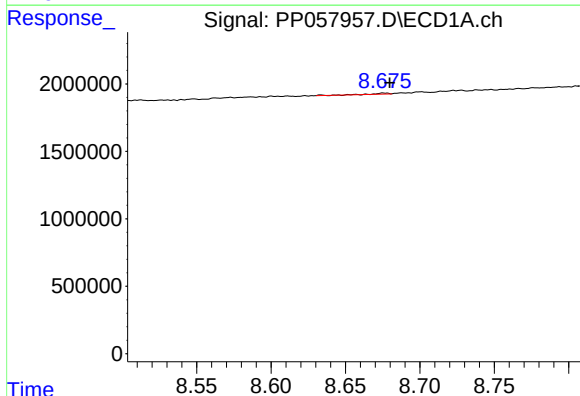
R.T.: 9.437 min
Delta R.T.: -0.005 min
Response: 100085
Conc: 2.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



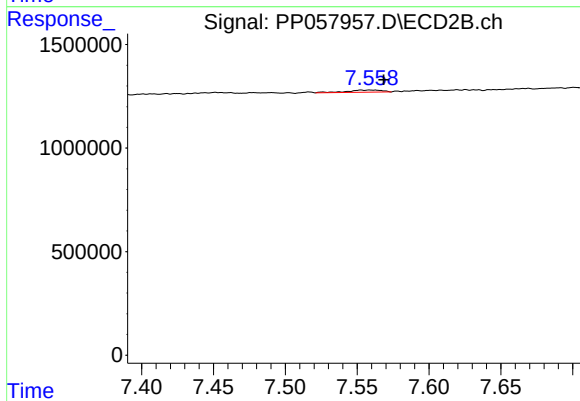
#40 AR-1262-5

R.T.: 8.144 min
Delta R.T.: 0.014 min
Response: 483900
Conc: 6.58 ng/ml



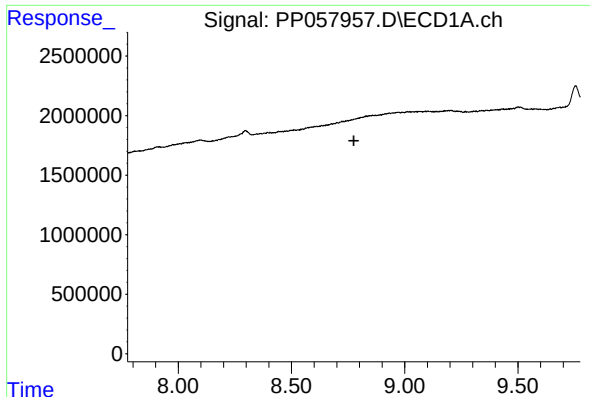
#41 AR-1268-1

R.T.: 8.676 min
Delta R.T.: -0.004 min
Response: 50728
Conc: 0.33 ng/ml



#41 AR-1268-1

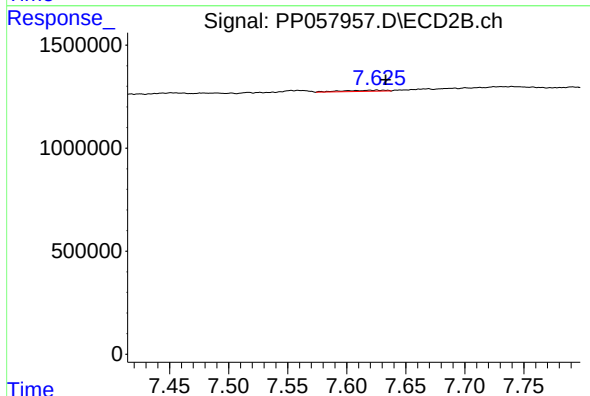
R.T.: 7.559 min
Delta R.T.: -0.010 min
Response: 171722
Conc: 0.65 ng/ml



#42 AR-1268-2

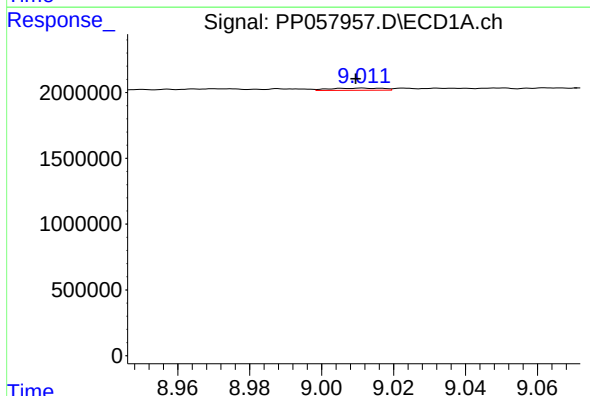
R.T.: 0.000 min
Exp R.T.: 8.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



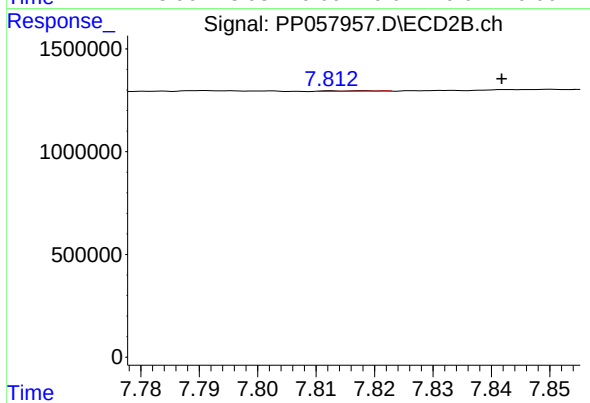
#42 AR-1268-2

R.T.: 7.625 min
Delta R.T.: -0.008 min
Response: 146002
Conc: 0.60 ng/ml



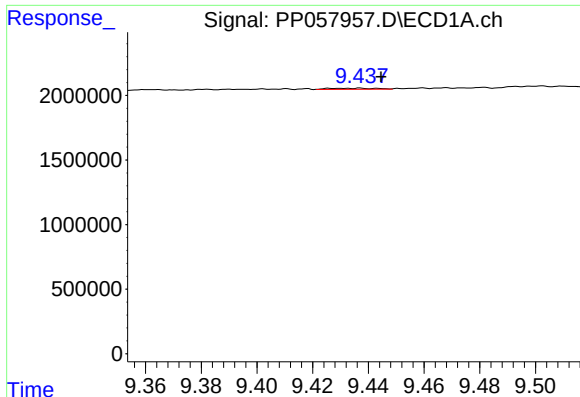
#43 AR-1268-3

R.T.: 9.011 min
Delta R.T.: 0.002 min
Response: 173075
Conc: 1.34 ng/ml



#43 AR-1268-3

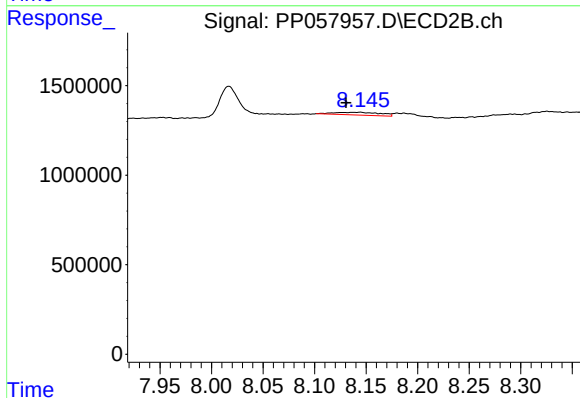
R.T.: 7.818 min
Delta R.T.: -0.023 min
Response: 13688
Conc: 0.07 ng/ml



#44 AR-1268-4

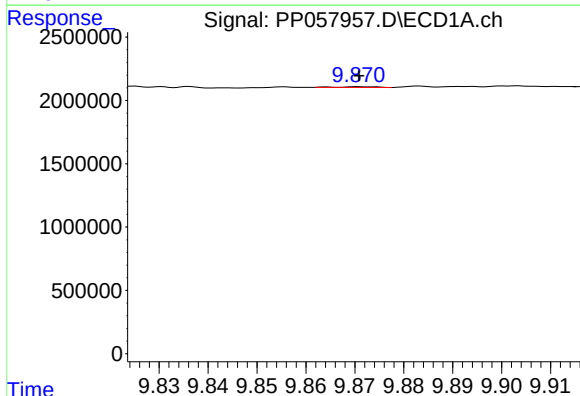
R.T.: 9.437 min
Delta R.T.: -0.008 min
Response: 100085
Conc: 2.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



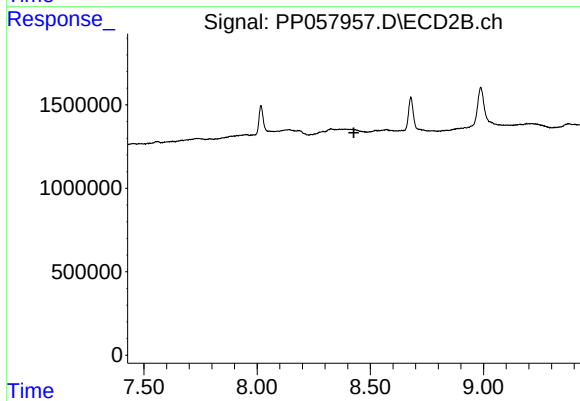
#44 AR-1268-4

R.T.: 8.144 min
Delta R.T.: 0.014 min
Response: 483900
Conc: 5.84 ng/ml



#45 AR-1268-5

R.T.: 9.871 min
Delta R.T.: 0.000 min
Response: 29606
Conc: 0.09 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 8.428 min
Response: 0
Conc: N.D.