

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041922\
 Data File : PQ057026.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Apr 2022 15:04
 Operator : YP\AJ
 Sample : AIBLK54
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 20 00:39:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032322CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Mar 24 09:20:48 2022
 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...	4.527	3.744	468.6E6	309.7E6	26.311	28.868
2)	SA Decachlor...	10.299	8.675	763.9E6	516.8E6	52.313	50.089
Target Compounds							
3)	L1 AR-1016-1	5.706	4.813	933698	313522	2.201	0.942 #
4)	L1 AR-1016-2	5.741	4.833	308500	159243	0.361	0.266 #
5)	L1 AR-1016-3	5.792	4.998	279645	2707199	0.504	10.070 #
6)	L1 AR-1016-4	5.957f	5.086f	197979	2612155	0.463	11.472 #
7)	L1 AR-1016-5	6.181	5.258	557507	14541143	1.411	50.657 #
8)	L2 AR-1221-1	4.715f	0.000	652894	0	3.746	N.D. #
9)	L2 AR-1221-2	4.837	4.041	9948332	3706985	81.033	46.824 #
10)	L2 AR-1221-3	4.922	4.113	515873	289571	1.235	1.044
11)	L3 AR-1232-1	4.922	4.113	515873	289571	1.470	1.273
12)	L3 AR-1232-2	5.431	4.833	828954	159243	3.299	0.676 #
13)	L3 AR-1232-3	5.741	4.998	308500	2707199	0.864	23.315 #
14)	L3 AR-1232-4	5.957f	5.086	197979	2612155	1.081	26.796 #
15)	L3 AR-1232-5	5.957	5.258	197979	14541143	0.692	141.540 #
16)	L4 AR-1242-1	5.706	4.813	933698	313522	2.398	1.101 #
17)	L4 AR-1242-2	5.741	4.833	308500	159243	0.402	0.315
18)	L4 AR-1242-3	5.792	4.998	279645	2707199	0.551	11.893 #
19)	L4 AR-1242-4	5.957f	5.086	197979	2612155	0.508	11.425 #
20)	L4 AR-1242-5	6.621	5.609	2377467	8510288	6.015	28.495 #
21)	L5 AR-1248-1	5.706	4.813	933698	313522	3.179	1.405 #
22)	L5 AR-1248-2	5.957	5.086f	197979	2612155	0.369	7.835 #
23)	L5 AR-1248-3	6.181	5.086	557507	2612155	0.887	7.455 #
24)	L5 AR-1248-4	6.571	5.258	2917937	14541143	4.461	34.808 #
25)	L5 AR-1248-5	6.621	5.635	2377467	9691192	3.423	21.622 #
26)	L6 AR-1254-1	6.551	5.609	1748388	8510288	2.716	12.762 #
27)	L6 AR-1254-2	6.763	5.753	159534	4169924	0.160	7.595 #
28)	L6 AR-1254-3	7.170	6.120	99424793	1197717	89.773	1.289 #
29)	L6 AR-1254-4	7.410	6.369	8319381	4809777	11.356	7.112 #
30)	L6 AR-1254-5	7.878	6.776	4952828	4024645	5.855	4.927
31)	L7 AR-1260-1	7.297	6.263	41636309	11147847	64.976	20.408 #
32)	L7 AR-1260-2	7.572	6.439	24634595	17700679	33.425	26.597
33)	L7 AR-1260-3	7.878	6.614	4952828	49617	5.311	0.080 #
34)	L7 AR-1260-4	8.157	7.072	3615035	3786302	5.236	7.161 #
35)	L7 AR-1260-5	8.465	7.307	3416438	5903796	2.461	4.510 #
36)	L8 AR-1262-1	7.909	6.776	2939742	4024645	2.932	9.504 #
37)	L8 AR-1262-2	8.465	7.307	3416438	5903796	1.861	3.697 #
38)	L8 AR-1262-3	8.795	7.647f	2822684	3014130	3.497	4.698 #
39)	L8 AR-1262-4	8.890	7.647	3101427	3014130	5.178	2.555 #
41)	L9 AR-1268-1	8.795	7.647f	2822684	3014130	1.300	1.634 #
42)	L9 AR-1268-2	8.890	7.647	3101427	3014130	1.476	1.792

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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
43) L9	AR-1268-3	9.106	7.854	1942180	3001216	1.085	2.346 #
45) L9	AR-1268-5	9.968	8.428	3866780	2536219	0.655	0.568

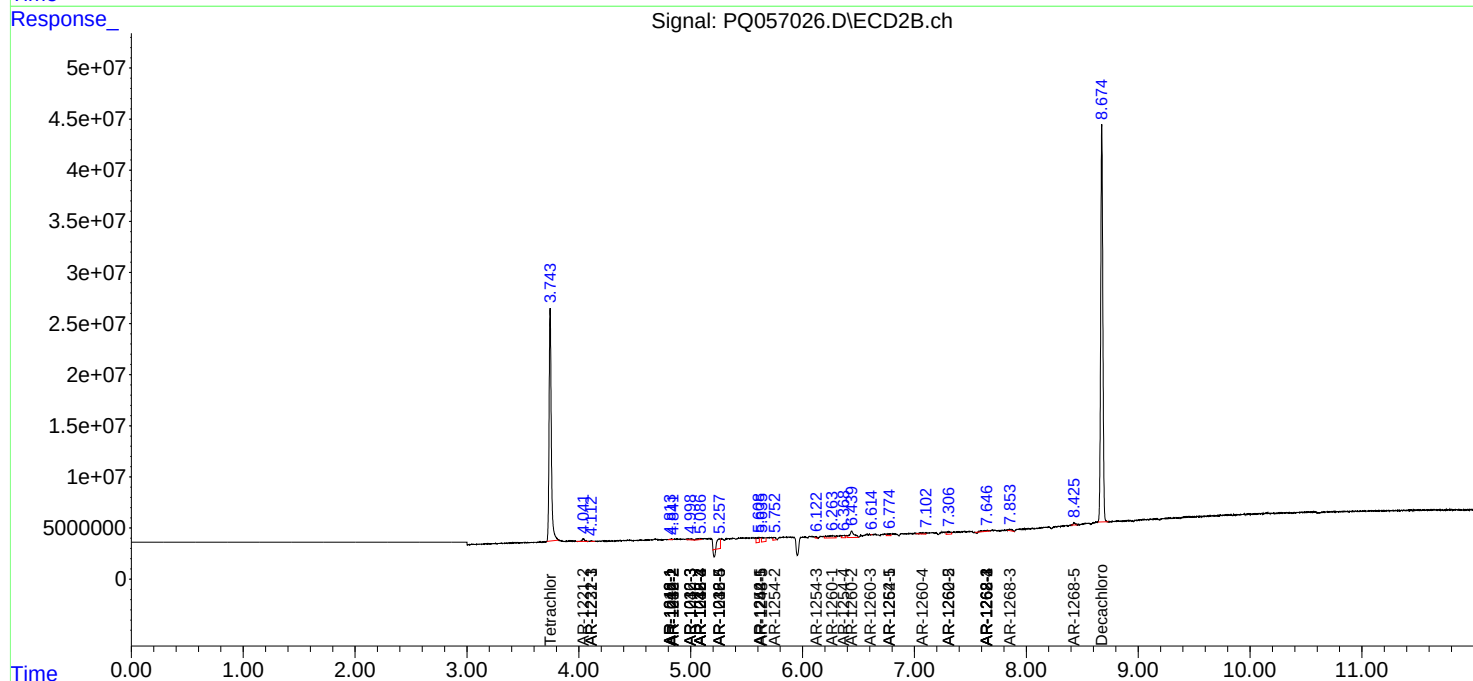
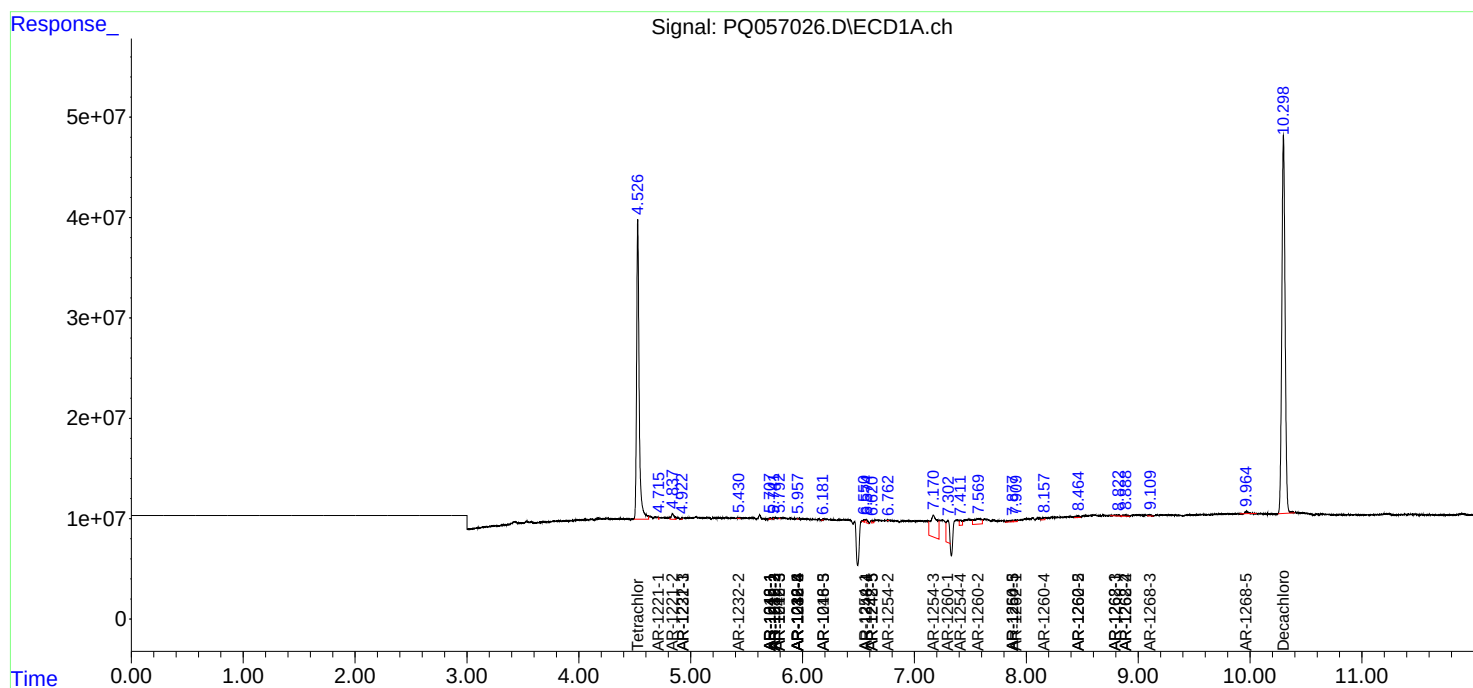
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

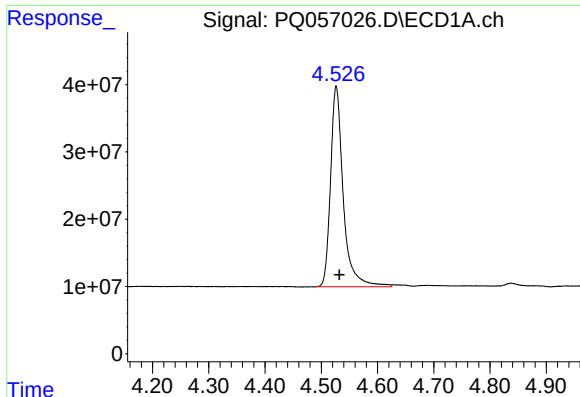
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041922\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

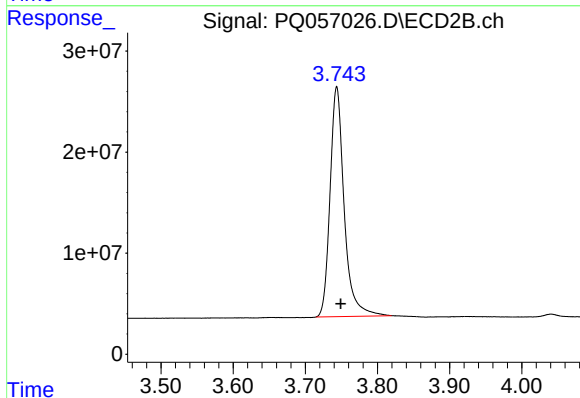




#1 Tetrachloro-m-xylene

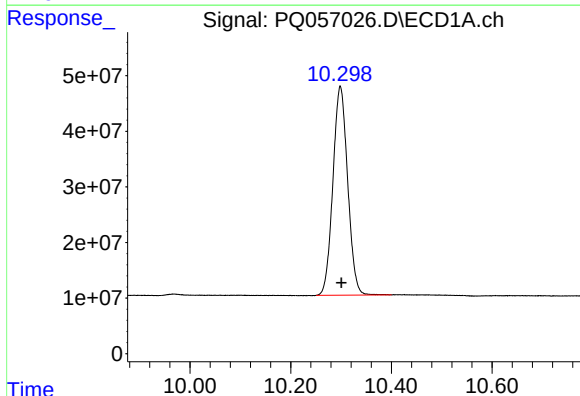
R.T.: 4.527 min
Delta R.T.: -0.005 min
Response: 468627410
Conc: 26.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



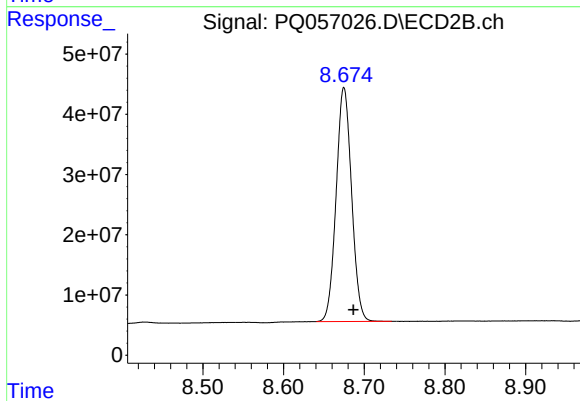
#1 Tetrachloro-m-xylene

R.T.: 3.744 min
Delta R.T.: -0.005 min
Response: 309707561
Conc: 28.87 ng/ml



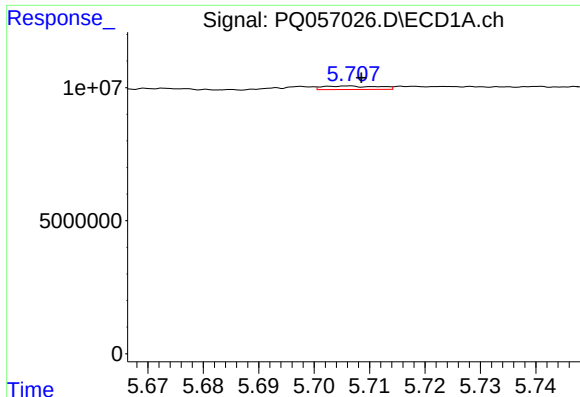
#2 Decachlorobiphenyl

R.T.: 10.299 min
Delta R.T.: -0.002 min
Response: 763852075
Conc: 52.31 ng/ml



#2 Decachlorobiphenyl

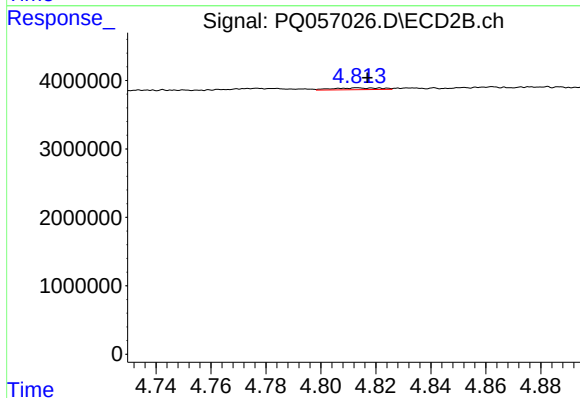
R.T.: 8.675 min
Delta R.T.: -0.012 min
Response: 516751962
Conc: 50.09 ng/ml



#3 AR-1016-1

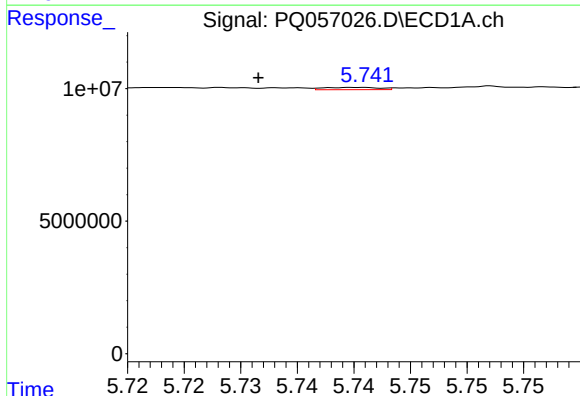
R.T.: 5.706 min
Delta R.T.: -0.002 min
Response: 933698
Conc: 2.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



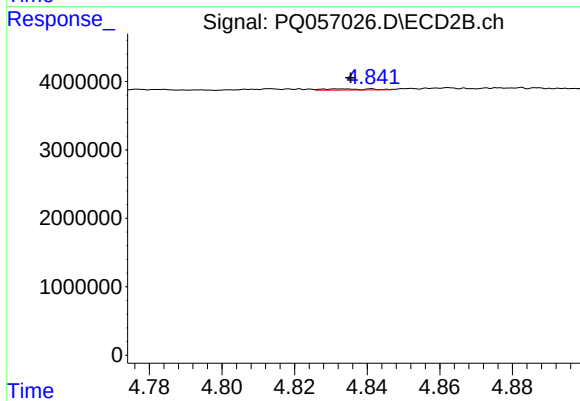
#3 AR-1016-1

R.T.: 4.813 min
Delta R.T.: -0.003 min
Response: 313522
Conc: 0.94 ng/ml



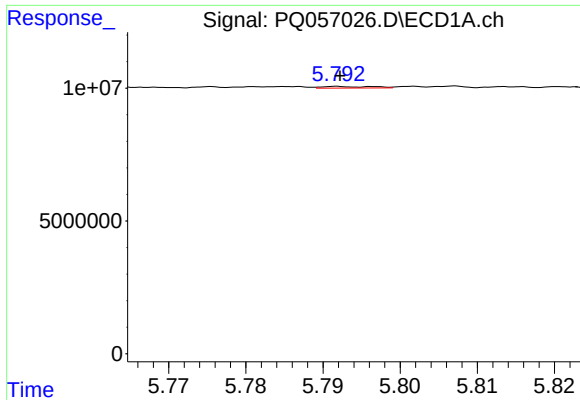
#4 AR-1016-2

R.T.: 5.741 min
Delta R.T.: 0.009 min
Response: 308500
Conc: 0.36 ng/ml



#4 AR-1016-2

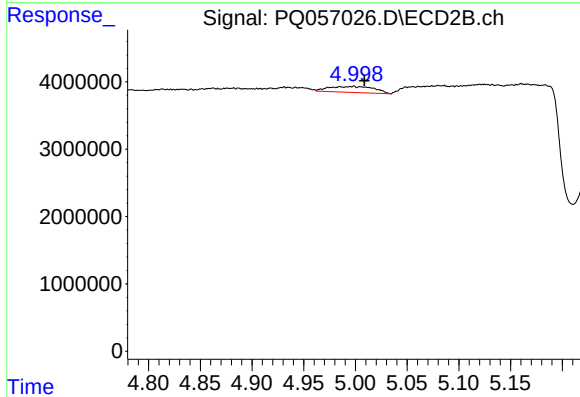
R.T.: 4.833 min
Delta R.T.: -0.002 min
Response: 159243
Conc: 0.27 ng/ml



#5 AR-1016-3

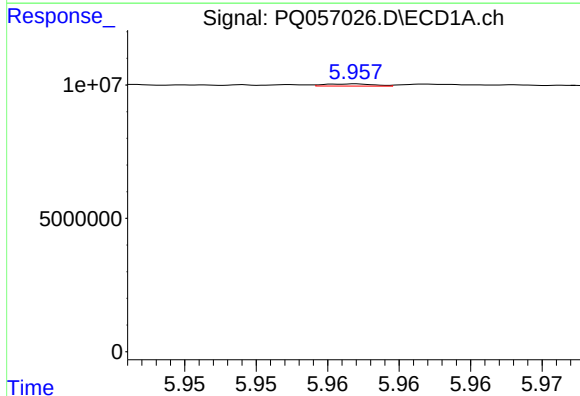
R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 279645
Conc: 0.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



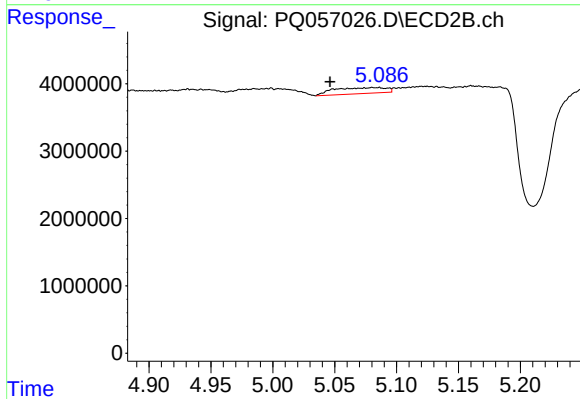
#5 AR-1016-3

R.T.: 4.998 min
Delta R.T.: -0.010 min
Response: 2707199
Conc: 10.07 ng/ml



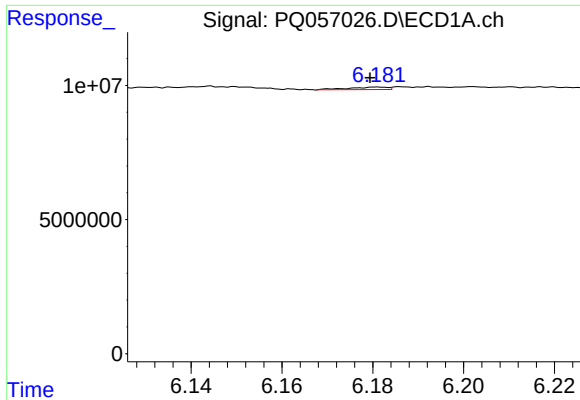
#6 AR-1016-4

R.T.: 5.957 min
Delta R.T.: 0.064 min
Response: 197979
Conc: 0.46 ng/ml



#6 AR-1016-4

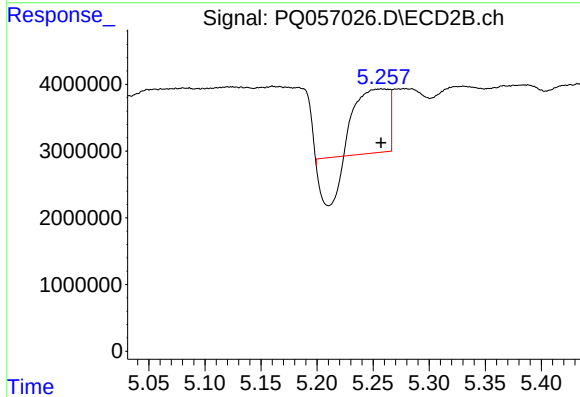
R.T.: 5.086 min
Delta R.T.: 0.039 min
Response: 2612155
Conc: 11.47 ng/ml



#7 AR-1016-5

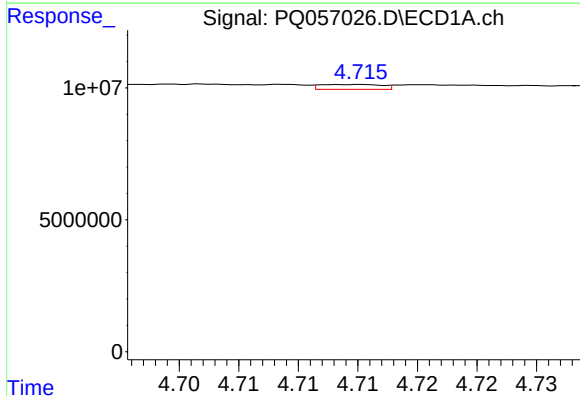
R.T.: 6.181 min
Delta R.T.: 0.002 min
Response: 557507
Conc: 1.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



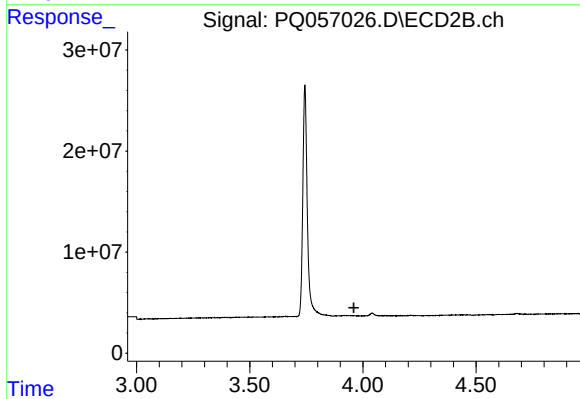
#7 AR-1016-5

R.T.: 5.258 min
Delta R.T.: 0.000 min
Response: 14541143
Conc: 50.66 ng/ml



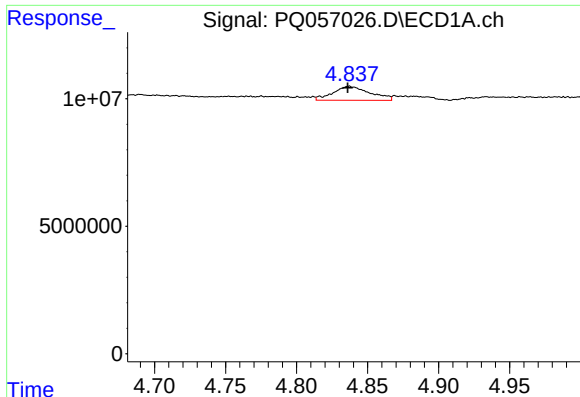
#8 AR-1221-1

R.T.: 4.715 min
Delta R.T.: -0.035 min
Response: 652894
Conc: 3.75 ng/ml



#8 AR-1221-1

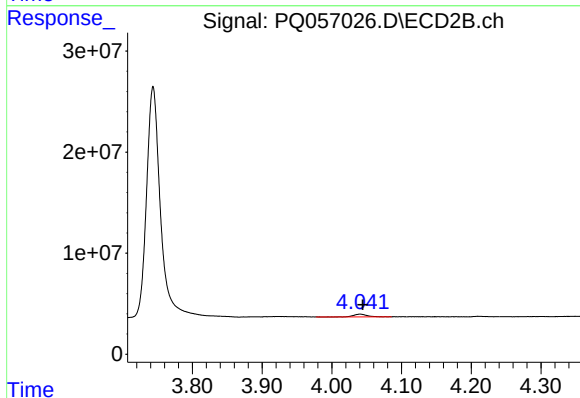
R.T.: 0.000 min
Exp R.T. : 3.960 min
Response: 0
Conc: N.D.



#9 AR-1221-2

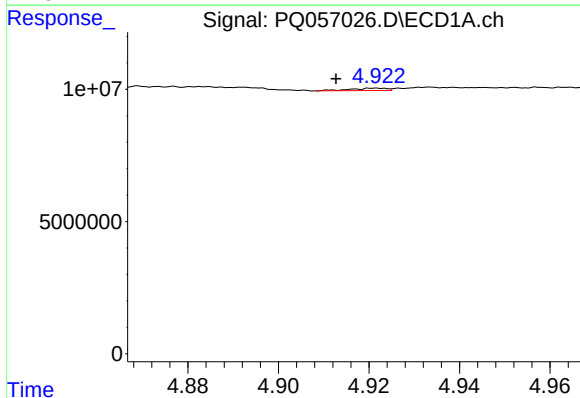
R.T.: 4.837 min
Delta R.T.: 0.001 min
Response: 9948332
Conc: 81.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



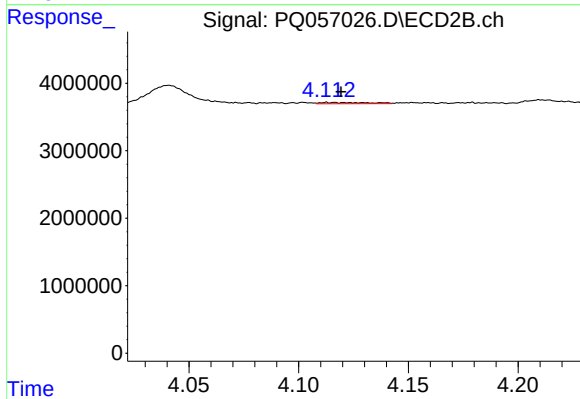
#9 AR-1221-2

R.T.: 4.041 min
Delta R.T.: -0.003 min
Response: 3706985
Conc: 46.82 ng/ml



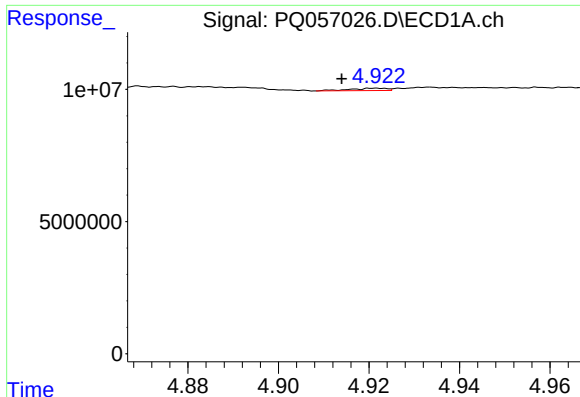
#10 AR-1221-3

R.T.: 4.922 min
Delta R.T.: 0.009 min
Response: 515873
Conc: 1.23 ng/ml



#10 AR-1221-3

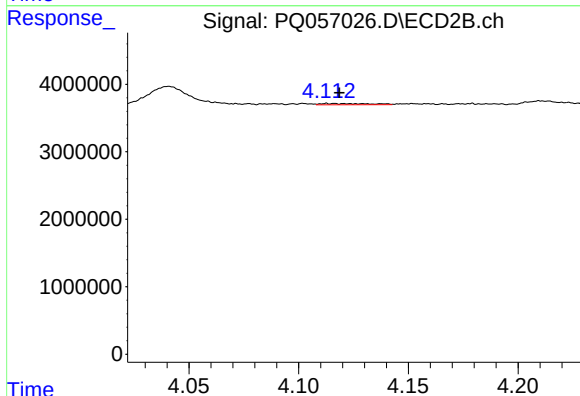
R.T.: 4.113 min
Delta R.T.: -0.006 min
Response: 289571
Conc: 1.04 ng/ml



#11 AR-1232-1

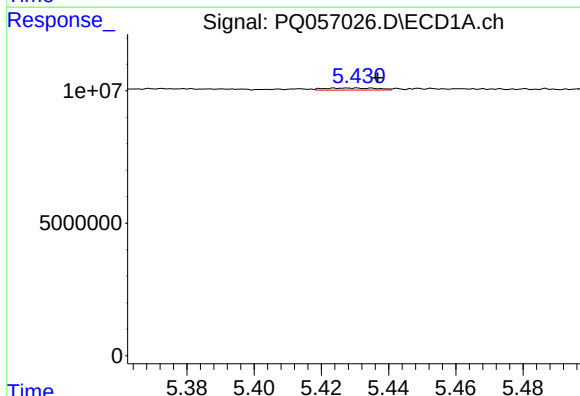
R.T.: 4.922 min
Delta R.T.: 0.008 min
Response: 515873
Conc: 1.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



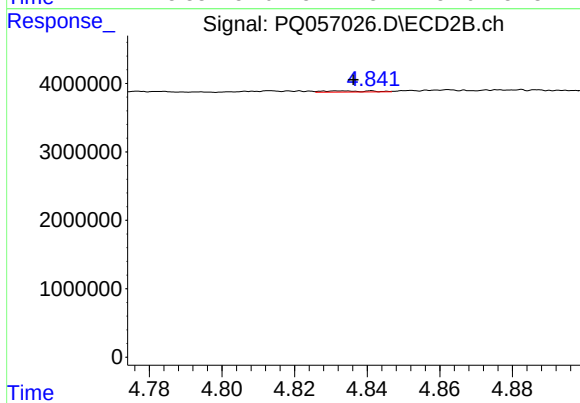
#11 AR-1232-1

R.T.: 4.113 min
Delta R.T.: -0.005 min
Response: 289571
Conc: 1.27 ng/ml



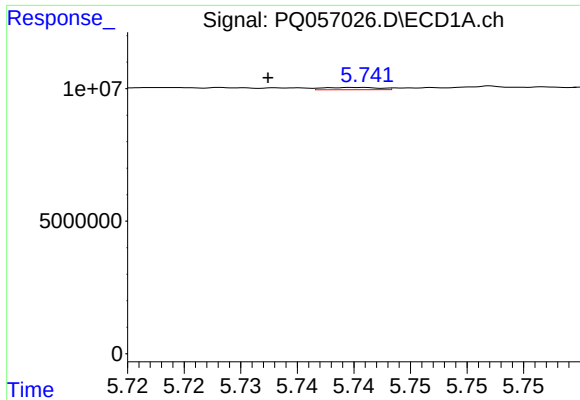
#12 AR-1232-2

R.T.: 5.431 min
Delta R.T.: -0.006 min
Response: 828954
Conc: 3.30 ng/ml



#12 AR-1232-2

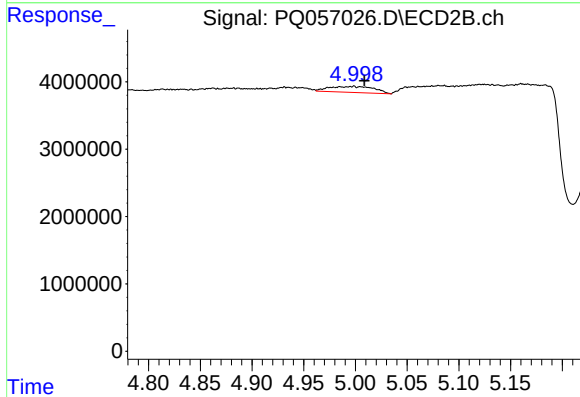
R.T.: 4.833 min
Delta R.T.: -0.003 min
Response: 159243
Conc: 0.68 ng/ml



#13 AR-1232-3

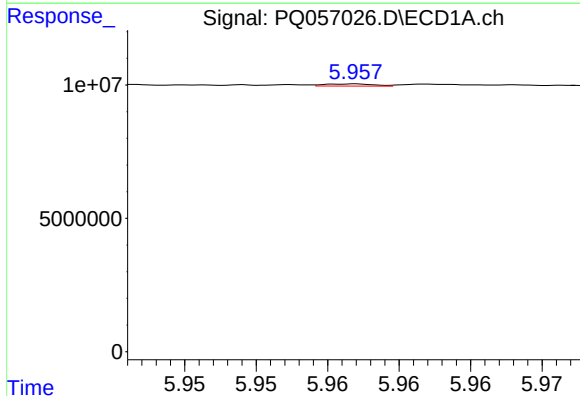
R.T.: 5.741 min
Delta R.T.: 0.008 min
Response: 308500
Conc: 0.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



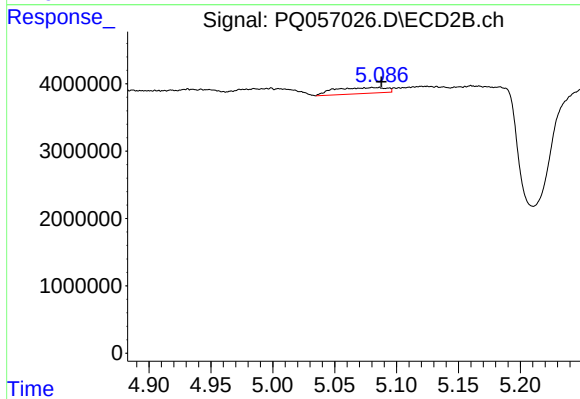
#13 AR-1232-3

R.T.: 4.998 min
Delta R.T.: -0.010 min
Response: 2707199
Conc: 23.32 ng/ml



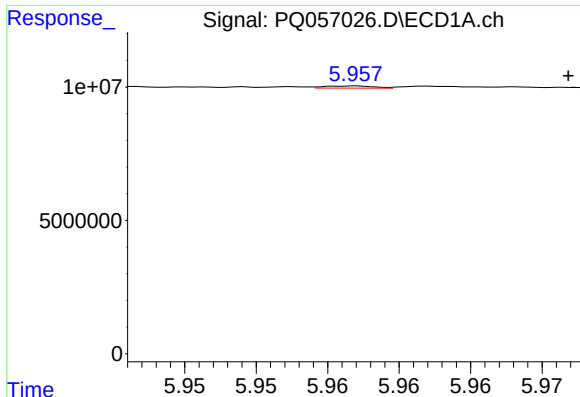
#14 AR-1232-4

R.T.: 5.957 min
Delta R.T.: 0.064 min
Response: 197979
Conc: 1.08 ng/ml



#14 AR-1232-4

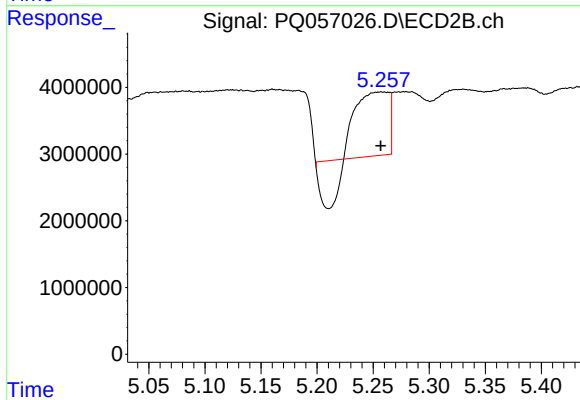
R.T.: 5.086 min
Delta R.T.: -0.002 min
Response: 2612155
Conc: 26.80 ng/ml



#15 AR-1232-5

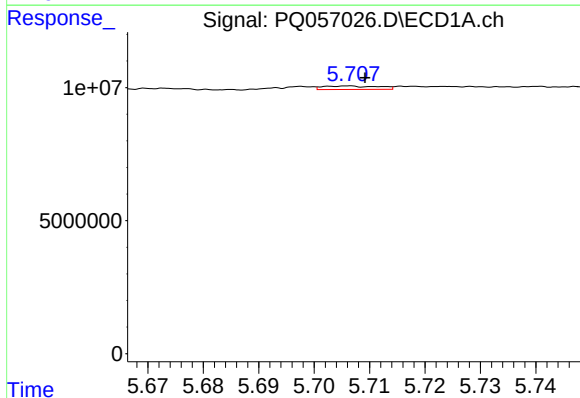
R.T.: 5.957 min
Delta R.T.: -0.015 min
Response: 197979
Conc: 0.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



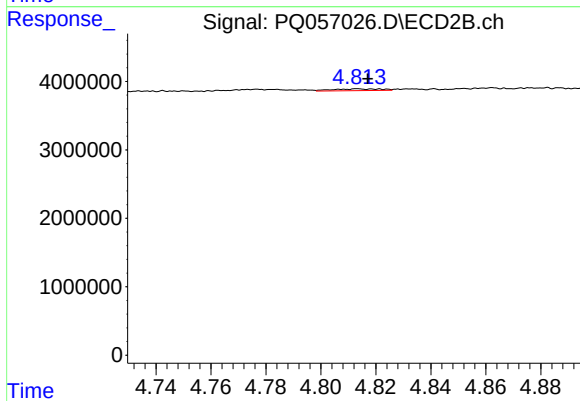
#15 AR-1232-5

R.T.: 5.258 min
Delta R.T.: 0.000 min
Response: 14541143
Conc: 141.54 ng/ml



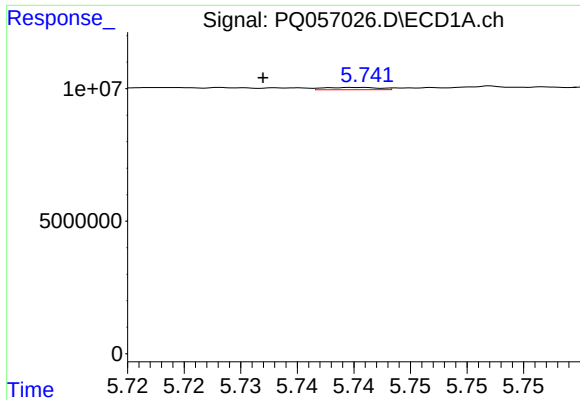
#16 AR-1242-1

R.T.: 5.706 min
Delta R.T.: -0.003 min
Response: 933698
Conc: 2.40 ng/ml



#16 AR-1242-1

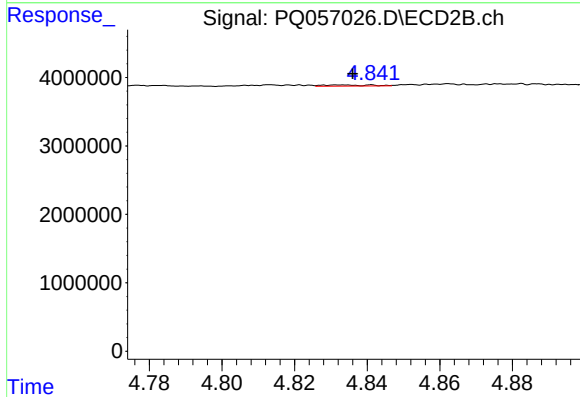
R.T.: 4.813 min
Delta R.T.: -0.004 min
Response: 313522
Conc: 1.10 ng/ml



#17 AR-1242-2

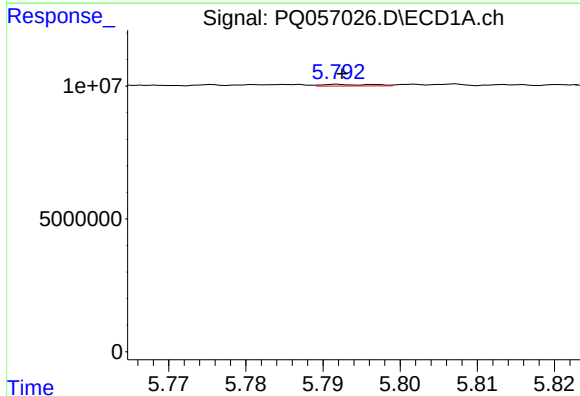
R.T.: 5.741 min
Delta R.T.: 0.009 min
Response: 308500
Conc: 0.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



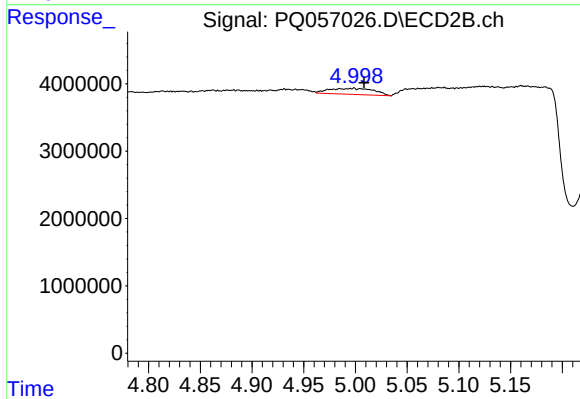
#17 AR-1242-2

R.T.: 4.833 min
Delta R.T.: -0.003 min
Response: 159243
Conc: 0.31 ng/ml



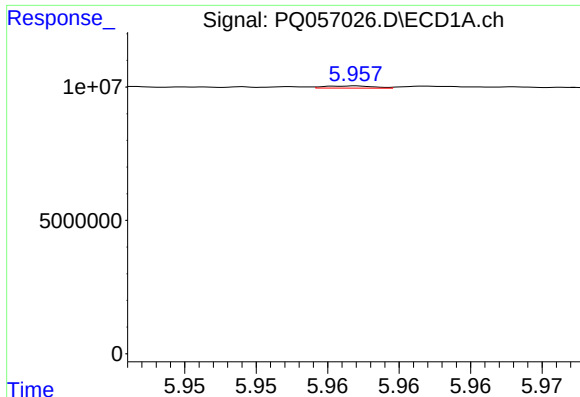
#18 AR-1242-3

R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 279645
Conc: 0.55 ng/ml



#18 AR-1242-3

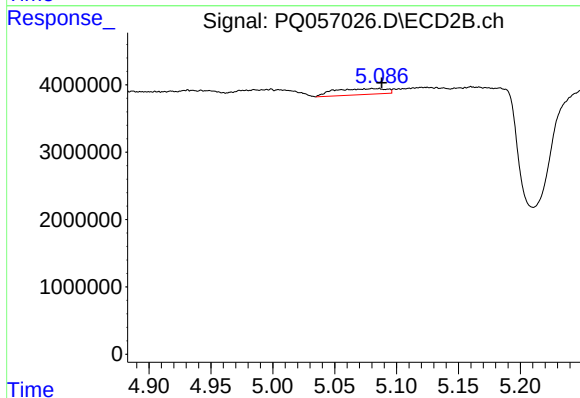
R.T.: 4.998 min
Delta R.T.: -0.010 min
Response: 2707199
Conc: 11.89 ng/ml



#19 AR-1242-4

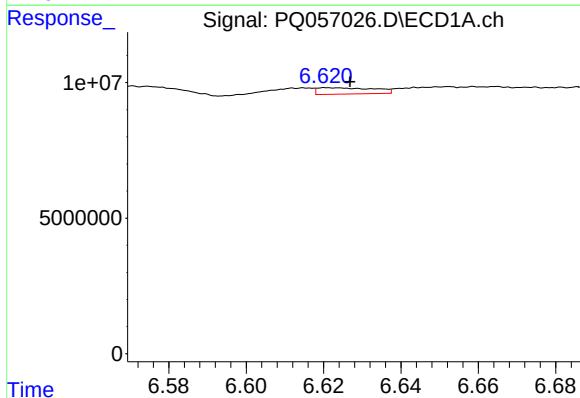
R.T.: 5.957 min
Delta R.T.: 0.064 min
Response: 197979
Conc: 0.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



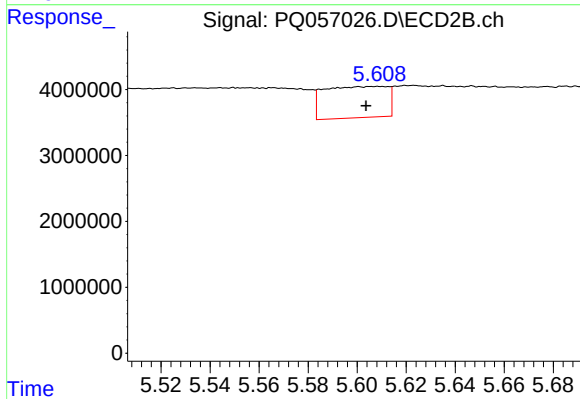
#19 AR-1242-4

R.T.: 5.086 min
Delta R.T.: -0.002 min
Response: 2612155
Conc: 11.42 ng/ml



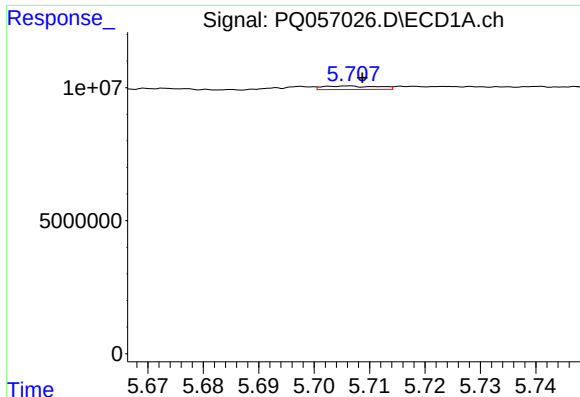
#20 AR-1242-5

R.T.: 6.621 min
Delta R.T.: -0.006 min
Response: 2377467
Conc: 6.01 ng/ml



#20 AR-1242-5

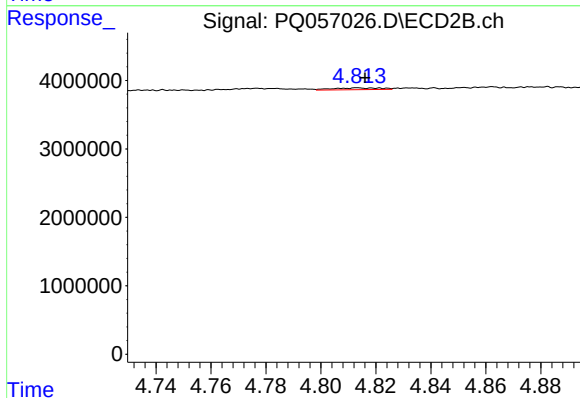
R.T.: 5.609 min
Delta R.T.: 0.005 min
Response: 8510288
Conc: 28.50 ng/ml



#21 AR-1248-1

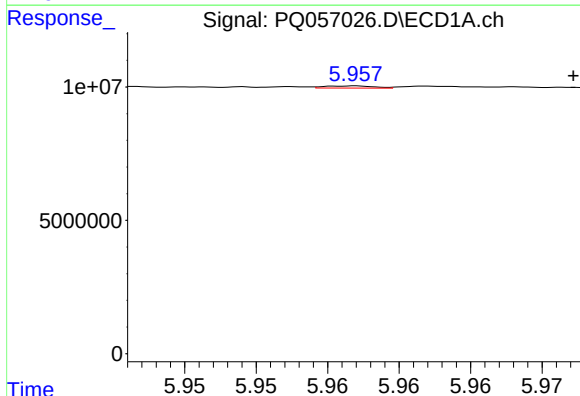
R.T.: 5.706 min
Delta R.T.: -0.002 min
Response: 933698
Conc: 3.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



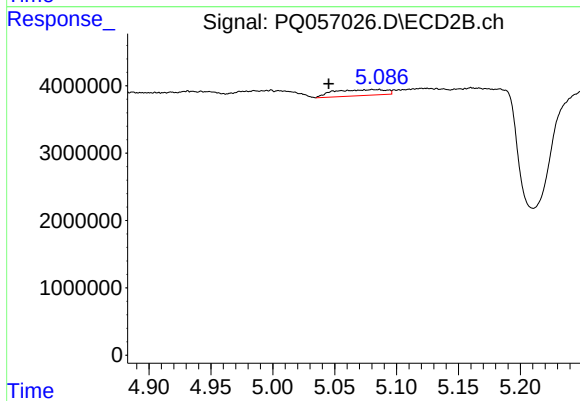
#21 AR-1248-1

R.T.: 4.813 min
Delta R.T.: -0.003 min
Response: 313522
Conc: 1.40 ng/ml



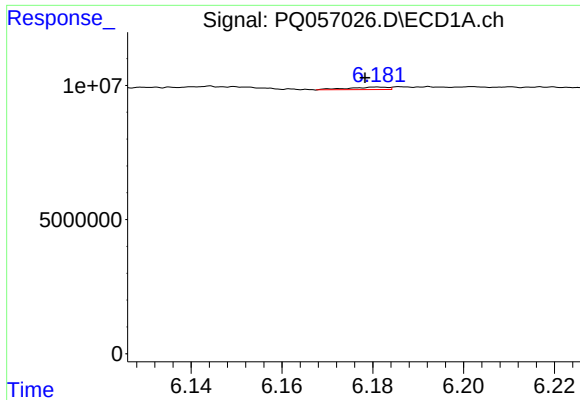
#22 AR-1248-2

R.T.: 5.957 min
Delta R.T.: -0.015 min
Response: 197979
Conc: 0.37 ng/ml



#22 AR-1248-2

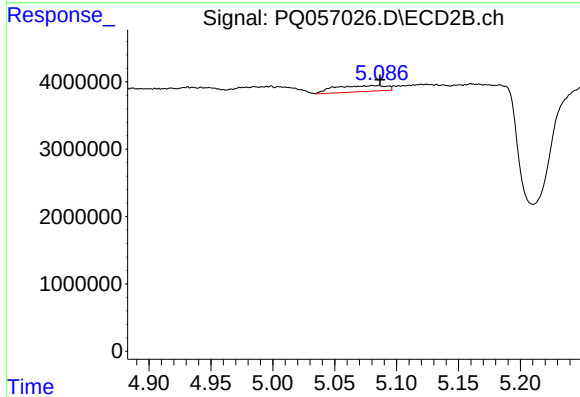
R.T.: 5.086 min
Delta R.T.: 0.041 min
Response: 2612155
Conc: 7.84 ng/ml



#23 AR-1248-3

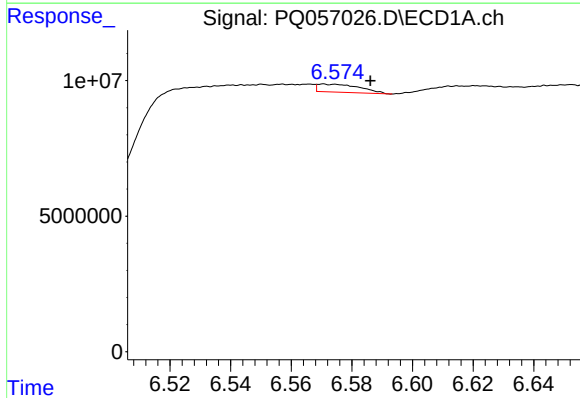
R.T.: 6.181 min
Delta R.T.: 0.003 min
Response: 557507
Conc: 0.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



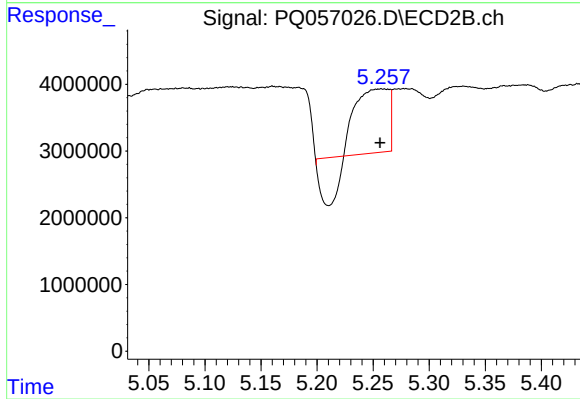
#23 AR-1248-3

R.T.: 5.086 min
Delta R.T.: -0.001 min
Response: 2612155
Conc: 7.46 ng/ml



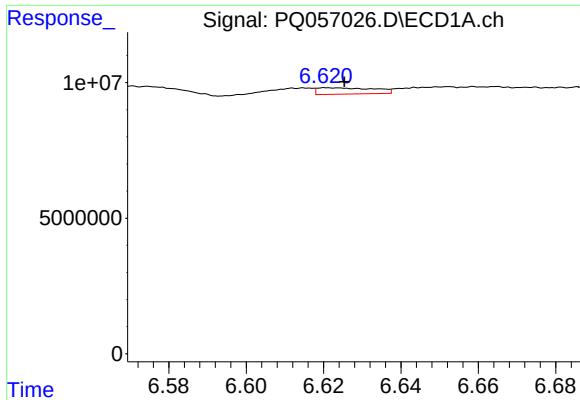
#24 AR-1248-4

R.T.: 6.571 min
Delta R.T.: -0.015 min
Response: 2917937
Conc: 4.46 ng/ml



#24 AR-1248-4

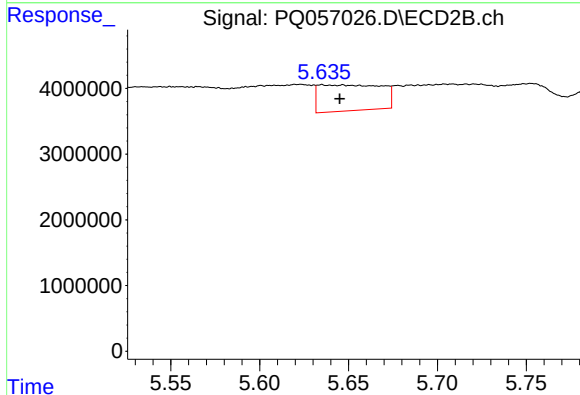
R.T.: 5.258 min
Delta R.T.: 0.001 min
Response: 14541143
Conc: 34.81 ng/ml



#25 AR-1248-5

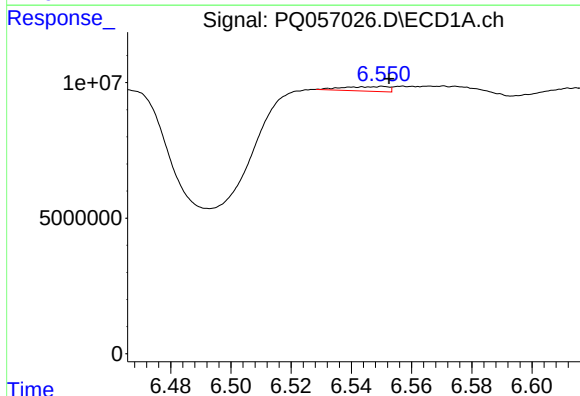
R.T.: 6.621 min
Delta R.T.: -0.005 min
Response: 2377467
Conc: 3.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



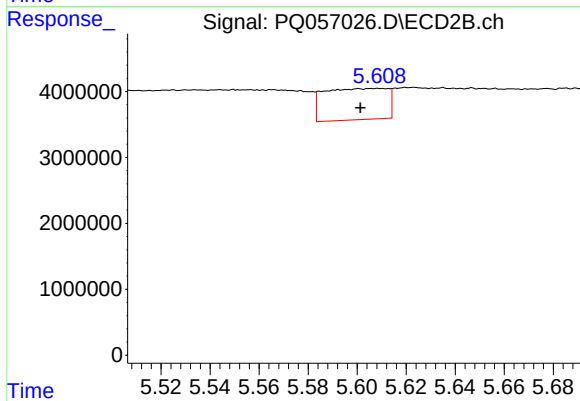
#25 AR-1248-5

R.T.: 5.635 min
Delta R.T.: -0.010 min
Response: 9691192
Conc: 21.62 ng/ml



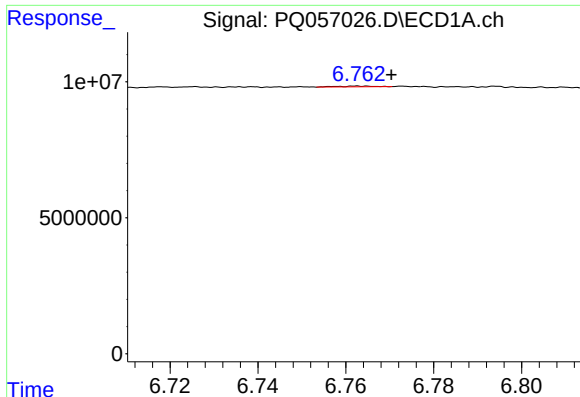
#26 AR-1254-1

R.T.: 6.551 min
Delta R.T.: -0.002 min
Response: 1748388
Conc: 2.72 ng/ml



#26 AR-1254-1

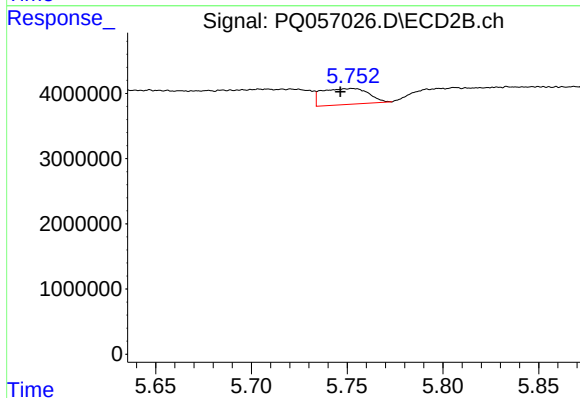
R.T.: 5.609 min
Delta R.T.: 0.007 min
Response: 8510288
Conc: 12.76 ng/ml



#27 AR-1254-2

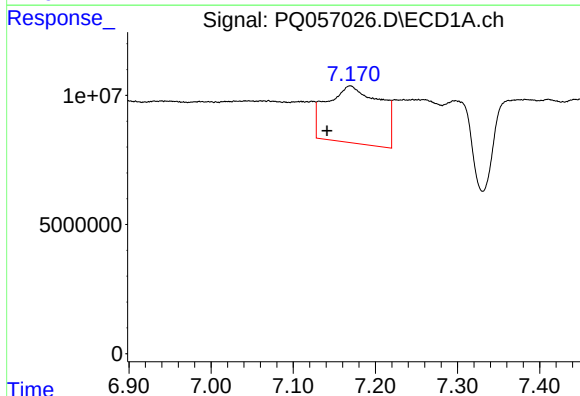
R.T.: 6.763 min
Delta R.T.: -0.008 min
Response: 159534
Conc: 0.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



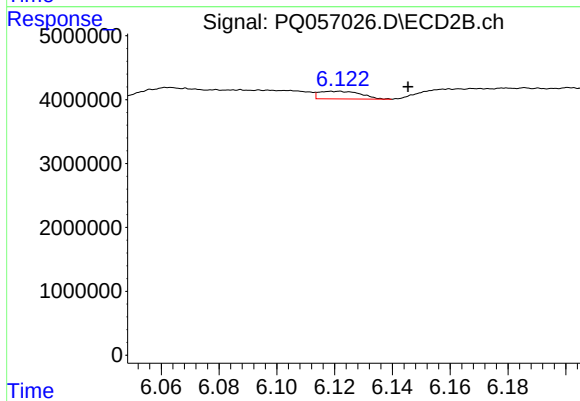
#27 AR-1254-2

R.T.: 5.753 min
Delta R.T.: 0.006 min
Response: 4169924
Conc: 7.59 ng/ml



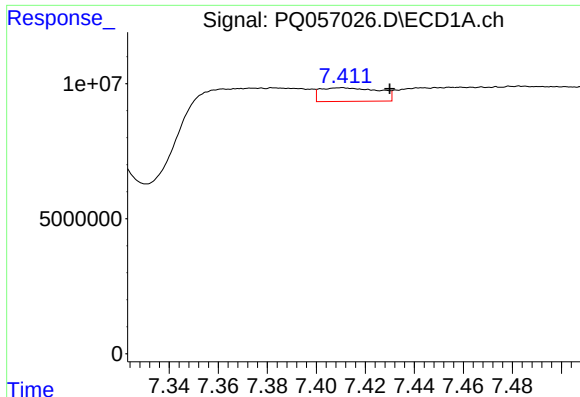
#28 AR-1254-3

R.T.: 7.170 min
Delta R.T.: 0.028 min
Response: 99424793
Conc: 89.77 ng/ml



#28 AR-1254-3

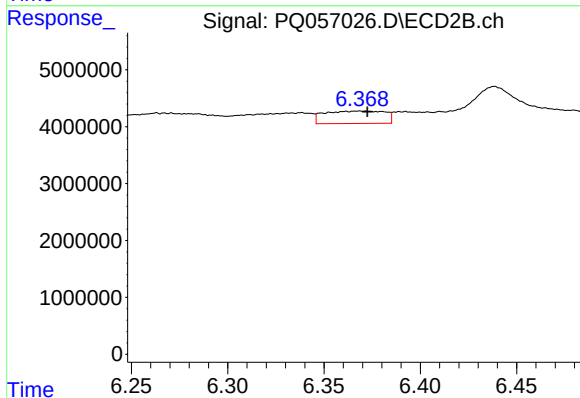
R.T.: 6.120 min
Delta R.T.: -0.025 min
Response: 1197717
Conc: 1.29 ng/ml



#29 AR-1254-4

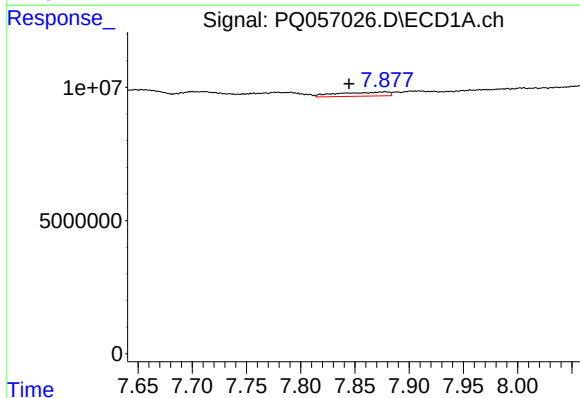
R.T.: 7.410 min
Delta R.T.: -0.020 min
Response: 8319381
Conc: 11.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



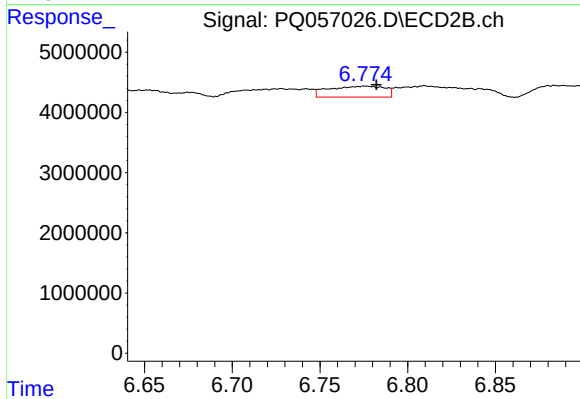
#29 AR-1254-4

R.T.: 6.369 min
Delta R.T.: -0.004 min
Response: 4809777
Conc: 7.11 ng/ml



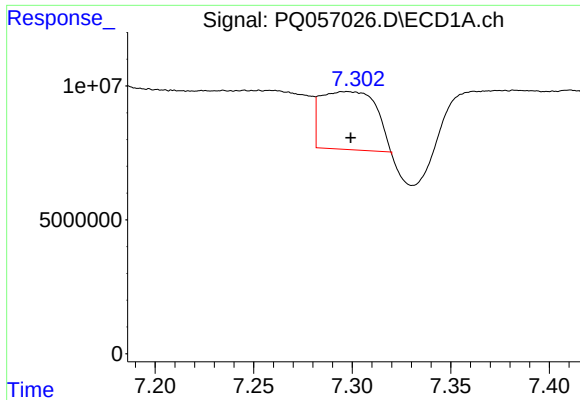
#30 AR-1254-5

R.T.: 7.878 min
Delta R.T.: 0.033 min
Response: 4952828
Conc: 5.86 ng/ml



#30 AR-1254-5

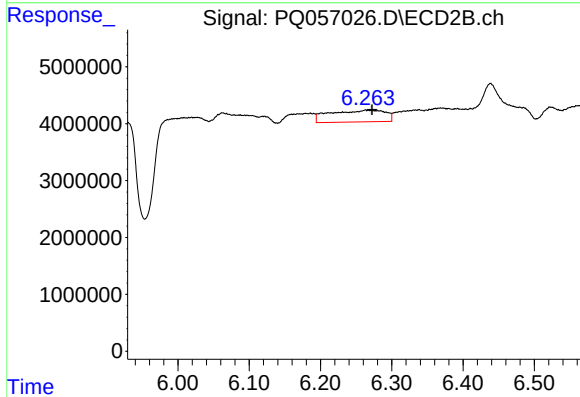
R.T.: 6.776 min
Delta R.T.: -0.006 min
Response: 4024645
Conc: 4.93 ng/ml



#31 AR-1260-1

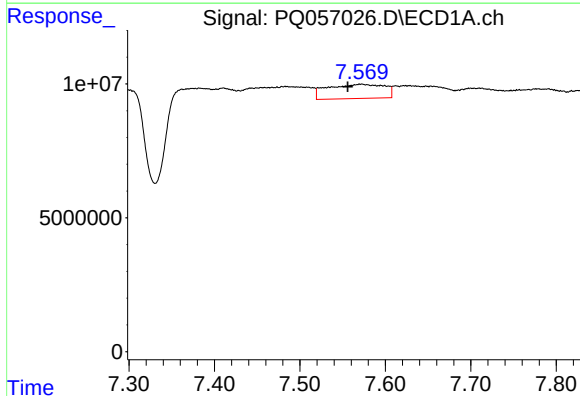
R.T.: 7.297 min
Delta R.T.: -0.002 min
Response: 41636309
Conc: 64.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



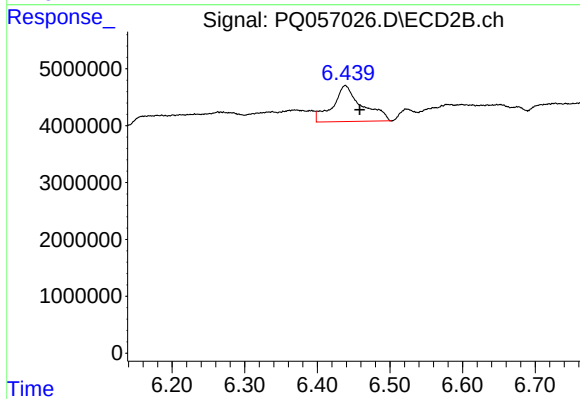
#31 AR-1260-1

R.T.: 6.263 min
Delta R.T.: -0.009 min
Response: 11147847
Conc: 20.41 ng/ml



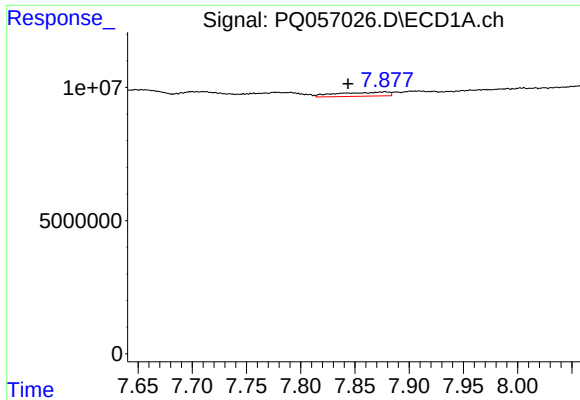
#32 AR-1260-2

R.T.: 7.572 min
Delta R.T.: 0.016 min
Response: 24634595
Conc: 33.43 ng/ml



#32 AR-1260-2

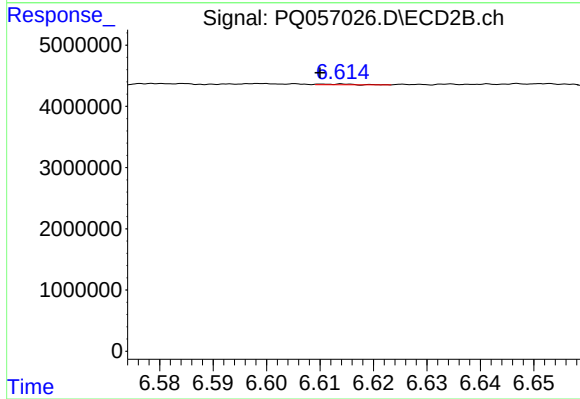
R.T.: 6.439 min
Delta R.T.: -0.020 min
Response: 17700679
Conc: 26.60 ng/ml



#33 AR-1260-3

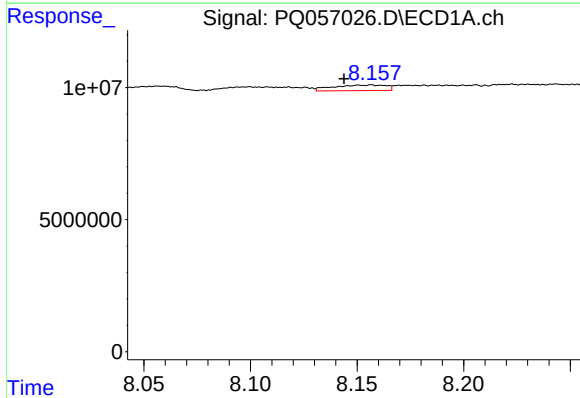
R.T.: 7.878 min
Delta R.T.: 0.034 min
Response: 4952828
Conc: 5.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



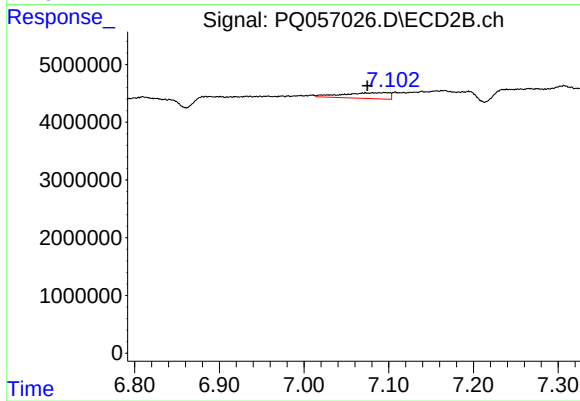
#33 AR-1260-3

R.T.: 6.614 min
Delta R.T.: 0.004 min
Response: 49617
Conc: 0.08 ng/ml



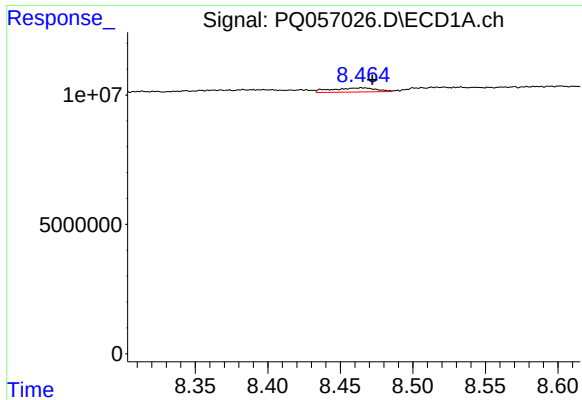
#34 AR-1260-4

R.T.: 8.157 min
Delta R.T.: 0.013 min
Response: 3615035
Conc: 5.24 ng/ml



#34 AR-1260-4

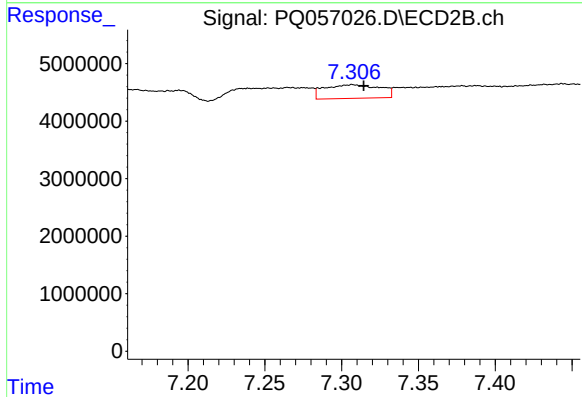
R.T.: 7.072 min
Delta R.T.: -0.002 min
Response: 3786302
Conc: 7.16 ng/ml



#35 AR-1260-5

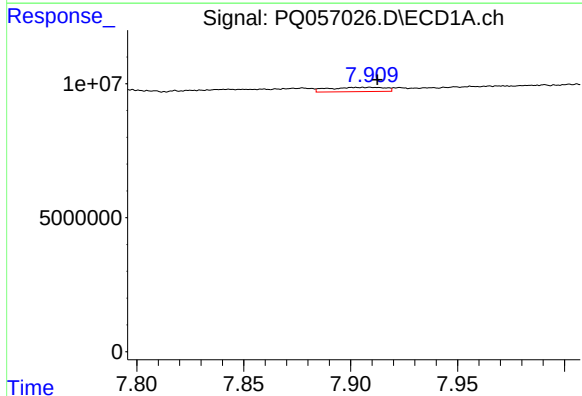
R.T.: 8.465 min
Delta R.T.: -0.008 min
Response: 3416438
Conc: 2.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



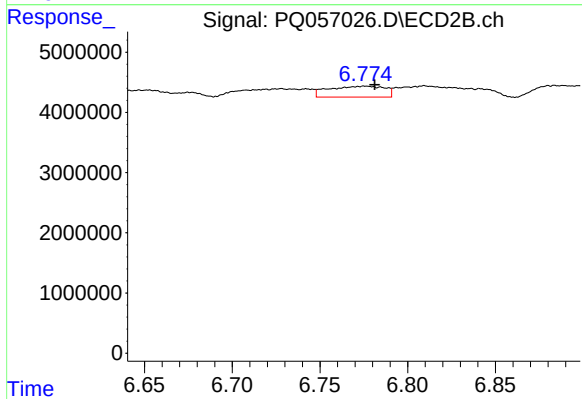
#35 AR-1260-5

R.T.: 7.307 min
Delta R.T.: -0.007 min
Response: 5903796
Conc: 4.51 ng/ml



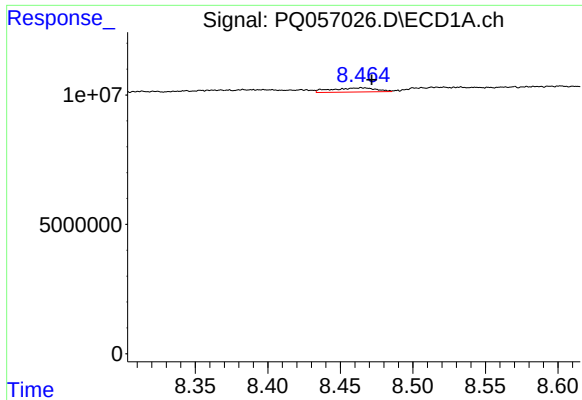
#36 AR-1262-1

R.T.: 7.909 min
Delta R.T.: -0.004 min
Response: 2939742
Conc: 2.93 ng/ml



#36 AR-1262-1

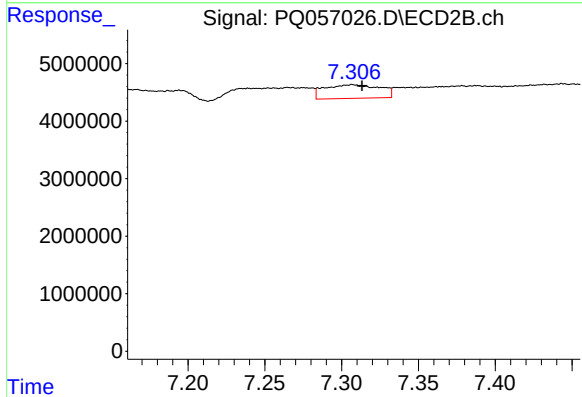
R.T.: 6.776 min
Delta R.T.: -0.005 min
Response: 4024645
Conc: 9.50 ng/ml



#37 AR-1262-2

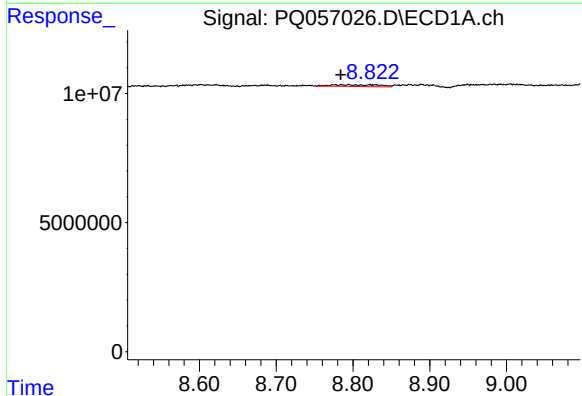
R.T.: 8.465 min
Delta R.T.: -0.007 min
Response: 3416438
Conc: 1.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



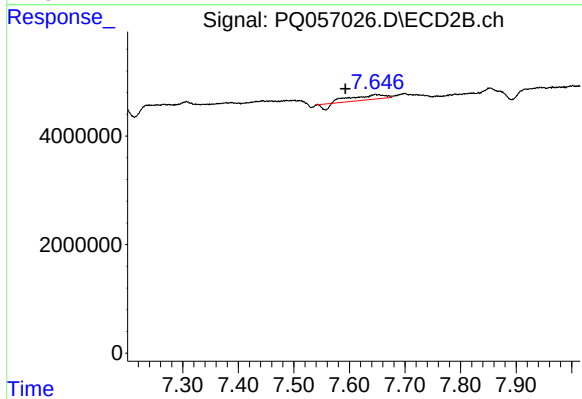
#37 AR-1262-2

R.T.: 7.307 min
Delta R.T.: -0.006 min
Response: 5903796
Conc: 3.70 ng/ml



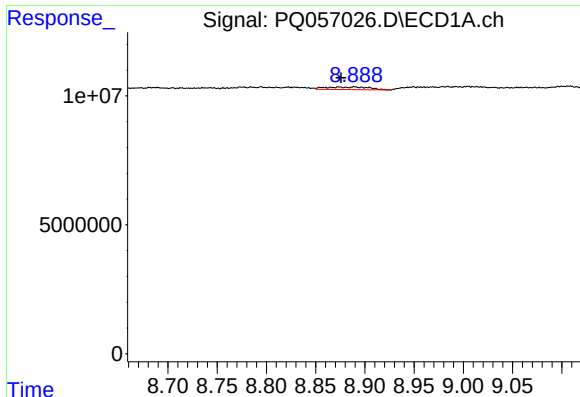
#38 AR-1262-3

R.T.: 8.795 min
Delta R.T.: 0.011 min
Response: 2822684
Conc: 3.50 ng/ml



#38 AR-1262-3

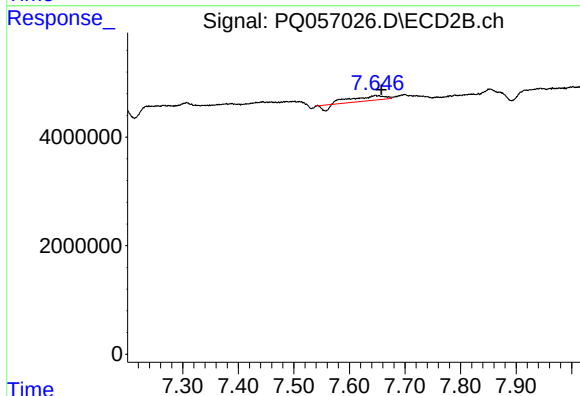
R.T.: 7.647 min
Delta R.T.: 0.054 min
Response: 3014130
Conc: 4.70 ng/ml



#39 AR-1262-4

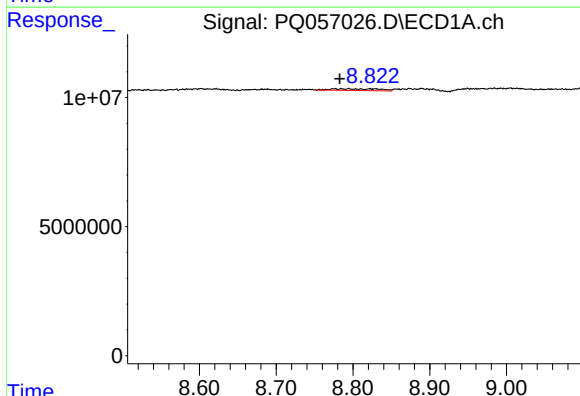
R.T.: 8.890 min
Delta R.T.: 0.014 min
Response: 3101427
Conc: 5.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



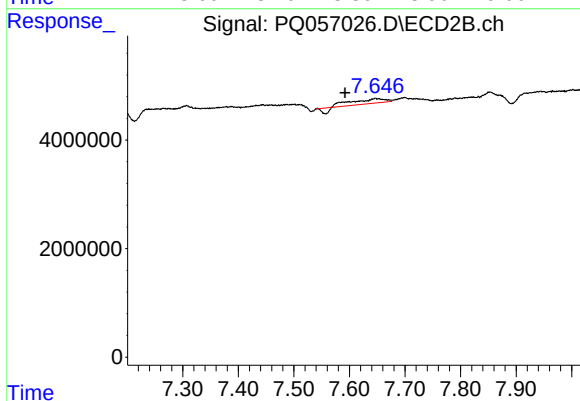
#39 AR-1262-4

R.T.: 7.647 min
Delta R.T.: -0.011 min
Response: 3014130
Conc: 2.55 ng/ml



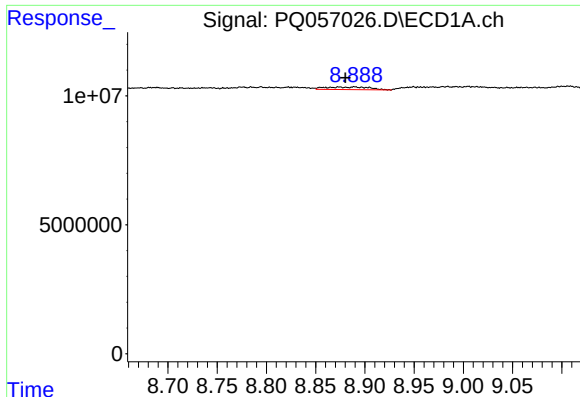
#41 AR-1268-1

R.T.: 8.795 min
Delta R.T.: 0.012 min
Response: 2822684
Conc: 1.30 ng/ml



#41 AR-1268-1

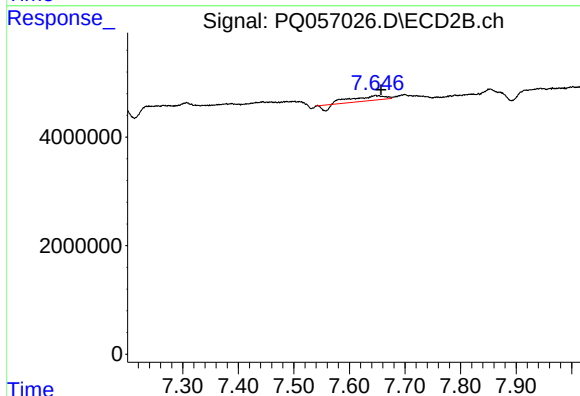
R.T.: 7.647 min
Delta R.T.: 0.055 min
Response: 3014130
Conc: 1.63 ng/ml



#42 AR-1268-2

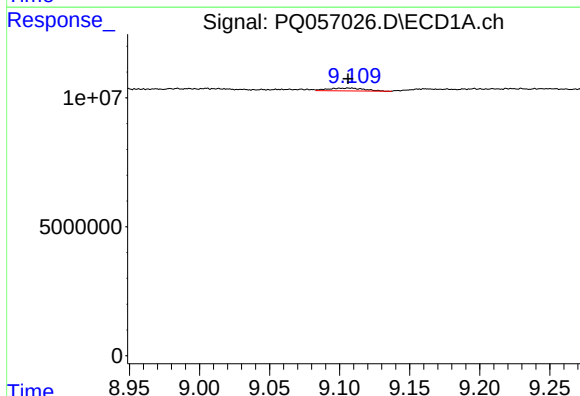
R.T.: 8.890 min
Delta R.T.: 0.009 min
Response: 3101427
Conc: 1.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



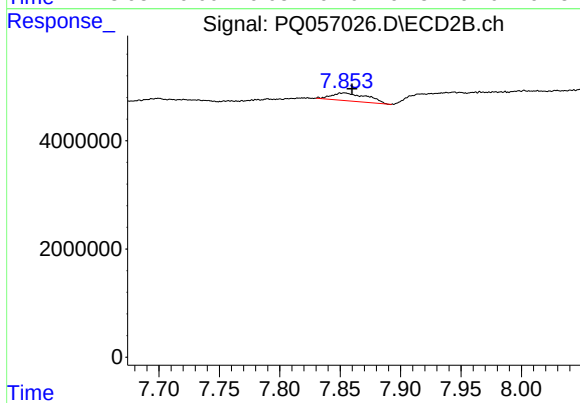
#42 AR-1268-2

R.T.: 7.647 min
Delta R.T.: -0.010 min
Response: 3014130
Conc: 1.79 ng/ml



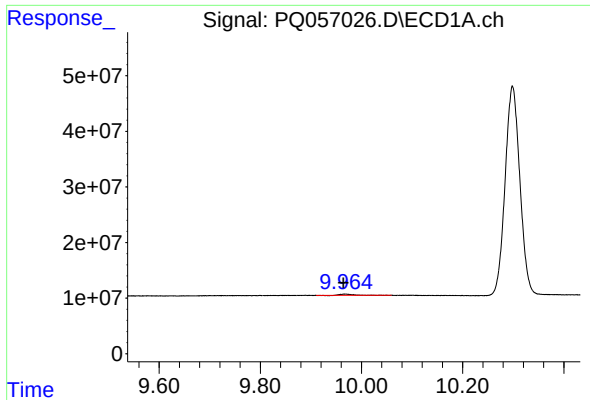
#43 AR-1268-3

R.T.: 9.106 min
Delta R.T.: 0.000 min
Response: 1942180
Conc: 1.08 ng/ml



#43 AR-1268-3

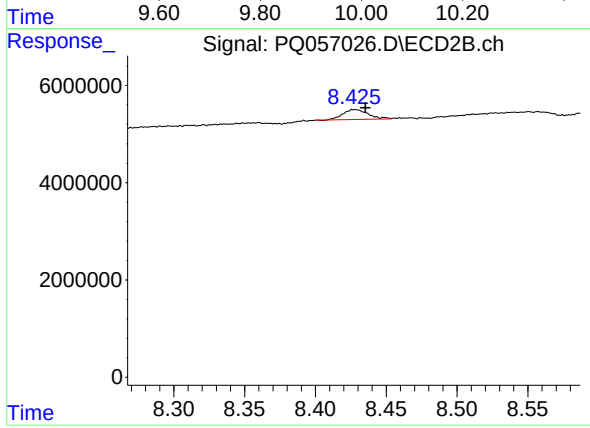
R.T.: 7.854 min
Delta R.T.: -0.006 min
Response: 3001216
Conc: 2.35 ng/ml



#45 AR-1268-5

R.T.: 9.968 min
Delta R.T.: 0.003 min
Response: 3866780
Conc: 0.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.428 min
Delta R.T.: -0.008 min
Response: 2536219
Conc: 0.57 ng/ml