

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042023\
 Data File : PP057101.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2023 02:33
 Operator : YP\AJ
 Sample : 02422-02 10X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 05:11:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 20 16:59:40 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...	4.403	3.631	3038024	2759012	1.373	1.633
2)	SA Decachlor...	10.218	8.687	3344925	3346802	2.084	1.871
Target Compounds							
3)	L1 AR-1016-1	5.564	4.731	10158	232989	0.162	4.102 #
4)	L1 AR-1016-2	5.617f	4.731f	147707	232989	1.619	2.908 #
5)	L1 AR-1016-3	5.651	0.000	71438	0	1.239	N.D. #
6)	L1 AR-1016-4	5.769	4.981	73920	45000	1.627	1.160 #
8)	L2 AR-1221-1	4.610	0.000	99267	0	3.719	N.D. #
9)	L2 AR-1221-2	4.710	3.940	401807	88668	20.646	5.514 #
10)	L2 AR-1221-3	4.775	0.000	151409	0	2.582	N.D. #
11)	L3 AR-1232-1	4.775	0.000	151409	0	3.123	N.D. #
12)	L3 AR-1232-2	5.310	4.731f	256757	232989	10.337	6.441 #
13)	L3 AR-1232-3	5.617f	0.000	147707	0	3.551	N.D. #
14)	L3 AR-1232-4	5.769	4.981f	73920	45000	3.579	2.271 #
15)	L3 AR-1232-5	5.856	0.000	355741	0	18.817	N.D. #
16)	L4 AR-1242-1	5.564	4.731	10158	232989	0.198	4.979 #
17)	L4 AR-1242-2	5.617f	4.731f	147707	232989	1.972	3.587 #
18)	L4 AR-1242-3	5.651	0.000	71438	0	1.517	N.D. #
19)	L4 AR-1242-4	5.769	4.981f	73920	45000	1.982	1.132 #
20)	L4 AR-1242-5	6.529f	5.562f	153028	120120	4.543	2.685 #
21)	L5 AR-1248-1	5.564	4.731	10158	232989	0.264	6.605 #
22)	L5 AR-1248-2	5.856	4.981	355741	45000	5.645	0.811 #
23)	L5 AR-1248-3	0.000	4.981f	0	45000	N.D.	0.777 #
24)	L5 AR-1248-4	6.459	0.000	193450	0	3.268	N.D. #
25)	L5 AR-1248-5	6.529f	5.589	153028	48439	2.636	0.834 #
26)	L6 AR-1254-1	6.459f	5.562f	193450	120120	2.562	1.192 #
27)	L6 AR-1254-2	6.646	5.701f	64413	324028	0.594	3.626 #
28)	L6 AR-1254-3	7.025	6.093	821275	144088	7.934	1.028 #
29)	L6 AR-1254-4	7.330f	6.316	296502	177684	4.773	2.358 #
30)	L6 AR-1254-5	7.738	6.742	150162	440439	2.085	3.578 #
31)	L7 AR-1260-1	7.193	6.225	179208	89809	2.058	0.886 #
32)	L7 AR-1260-2	7.451	6.406	383686	35195	4.178	0.303 #
33)	L7 AR-1260-3	7.814	6.563	21238	224632	0.293	2.031 #
34)	L7 AR-1260-4	8.040	7.041	65231	36533	0.776	0.399 #
35)	L7 AR-1260-5	8.384f	7.286	300083	41928	2.091	0.232 #
36)	L8 AR-1262-1	7.814	6.816f	21238	275624	0.210	4.829 #
37)	L8 AR-1262-2	8.384f	7.041	300083	36533	2.052	0.314 #
38)	L8 AR-1262-3	8.700f	7.561	224527	479718	2.093	5.294 #
39)	L8 AR-1262-4	8.775	7.632	173291	136470	2.073	0.868 #
40)	L8 AR-1262-5	9.441	8.144f	47313	18987	0.987	0.278 #
41)	L9 AR-1268-1	8.700f	7.561	224527	479718	1.064	1.727 #
42)	L9 AR-1268-2	8.775	7.632	173291	136470	0.968	0.547 #

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 Quant Time: Apr 21 05:11:38 2023
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 Quant Title : GC EXTRACTABLES
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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	9.020	7.847	36326	8888	0.206	0.040 #
44) L9	AR-1268-4	9.441	8.144f	47313	18987	0.834	0.237 #
45) L9	AR-1268-5	9.872	8.425	44408	66249	0.093	0.112

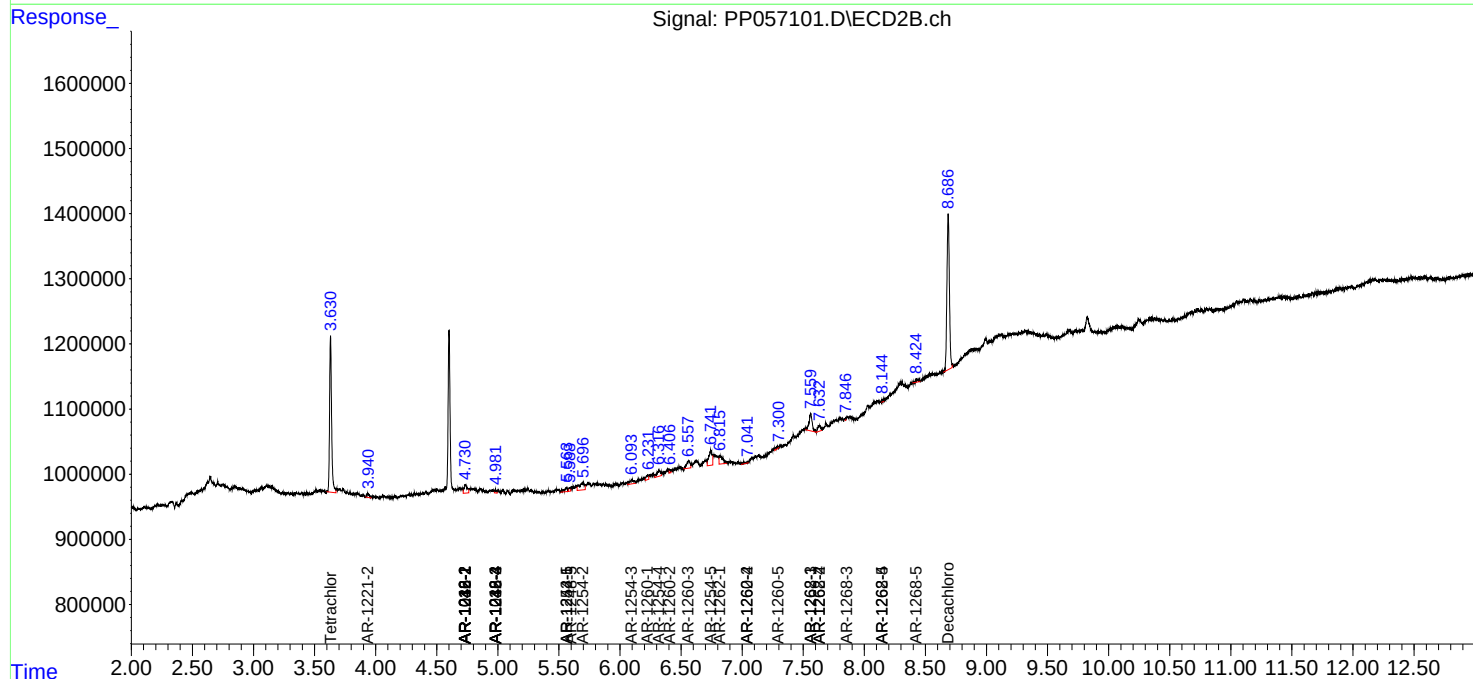
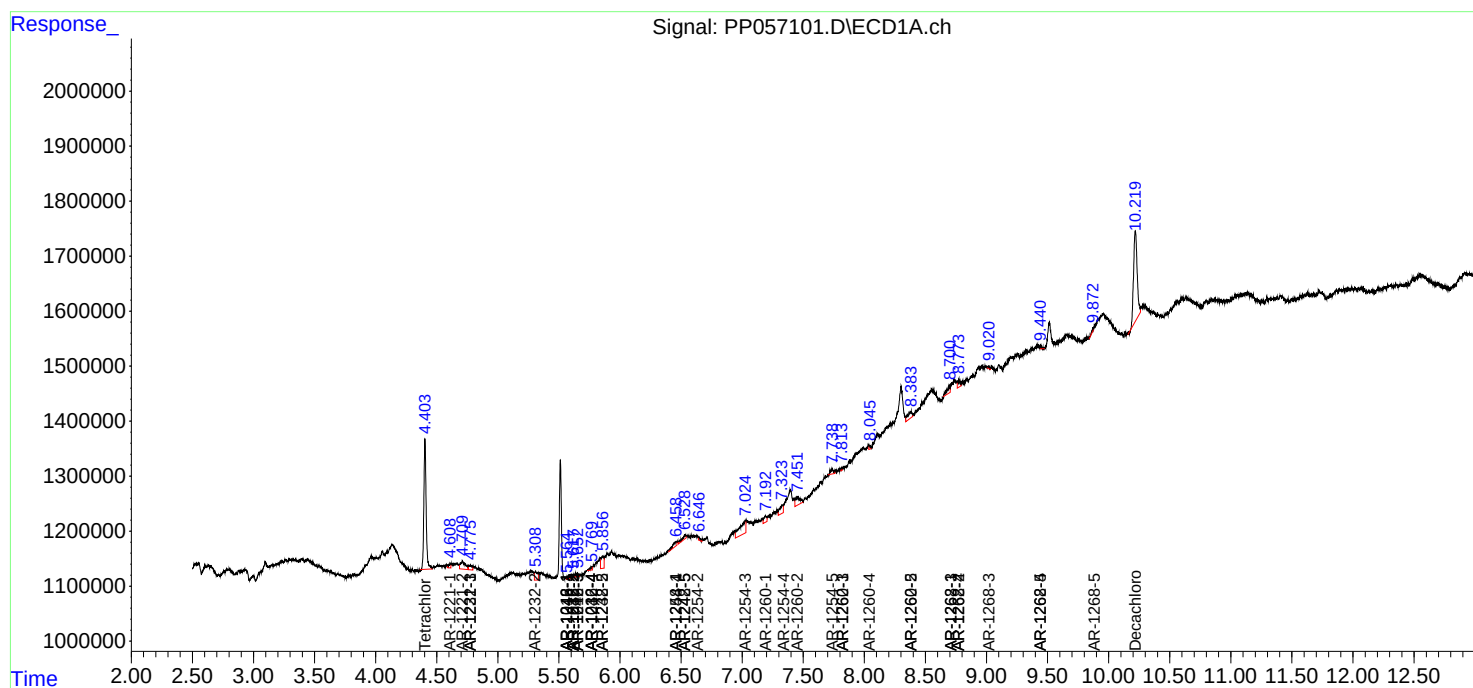
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

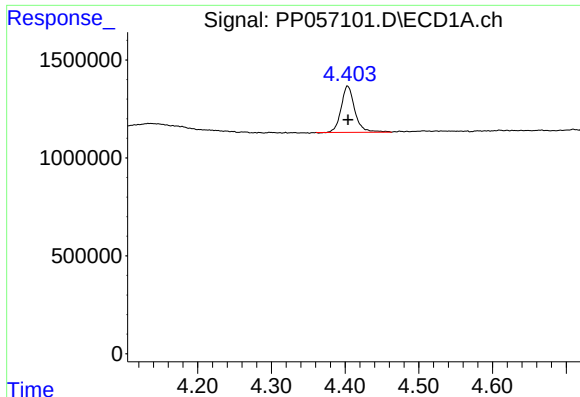
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

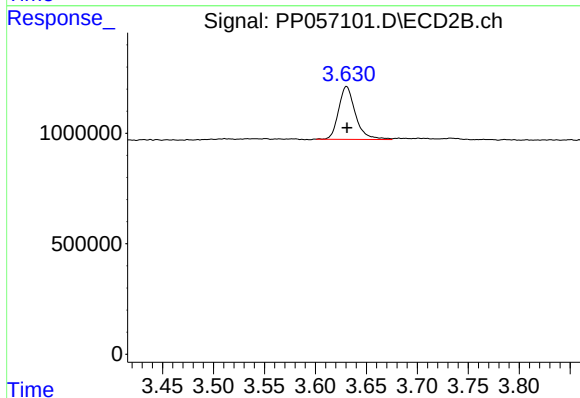




#1 Tetrachloro-m-xylene

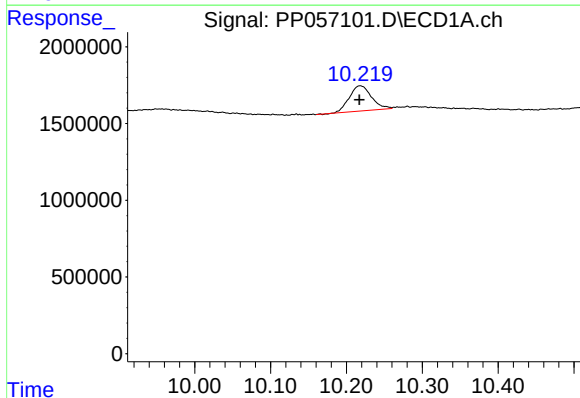
R.T.: 4.403 min
Delta R.T.: 0.000 min
Response: 3038024
Conc: 1.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



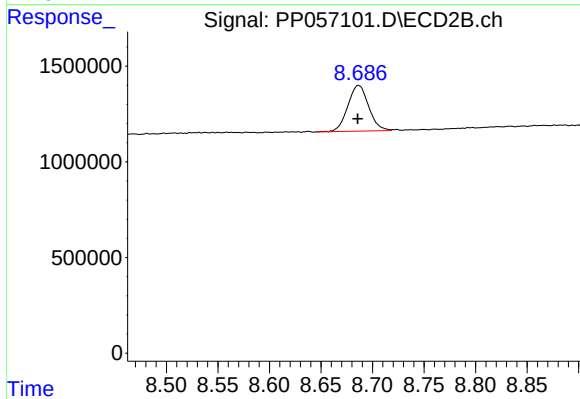
#1 Tetrachloro-m-xylene

R.T.: 3.631 min
Delta R.T.: 0.000 min
Response: 2759012
Conc: 1.63 ng/ml



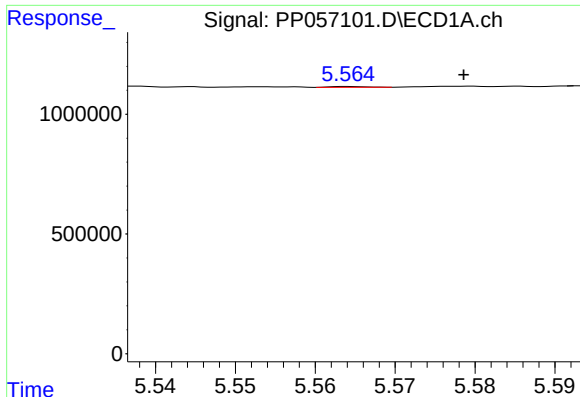
#2 Decachlorobiphenyl

R.T.: 10.218 min
Delta R.T.: 0.000 min
Response: 3344925
Conc: 2.08 ng/ml



#2 Decachlorobiphenyl

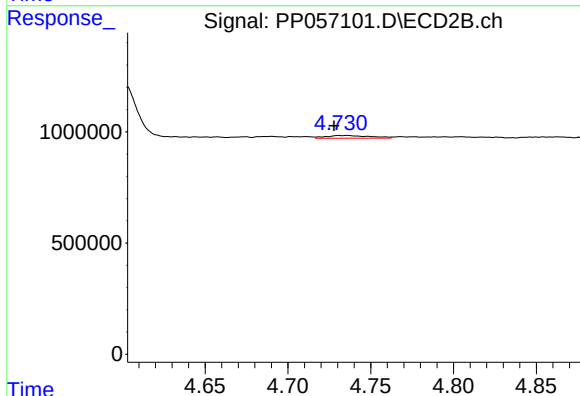
R.T.: 8.687 min
Delta R.T.: 0.000 min
Response: 3346802
Conc: 1.87 ng/ml



#3 AR-1016-1

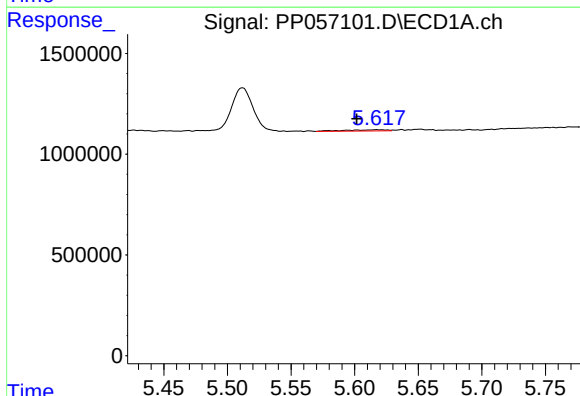
R.T.: 5.564 min
Delta R.T.: -0.014 min
Response: 10158
Conc: 0.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



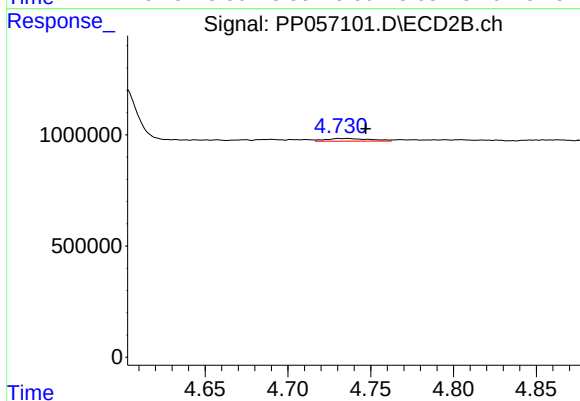
#3 AR-1016-1

R.T.: 4.731 min
Delta R.T.: 0.003 min
Response: 232989
Conc: 4.10 ng/ml



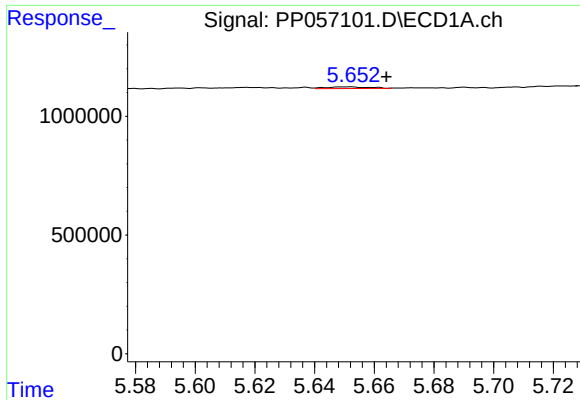
#4 AR-1016-2

R.T.: 5.617 min
Delta R.T.: 0.016 min
Response: 147707
Conc: 1.62 ng/ml



#4 AR-1016-2

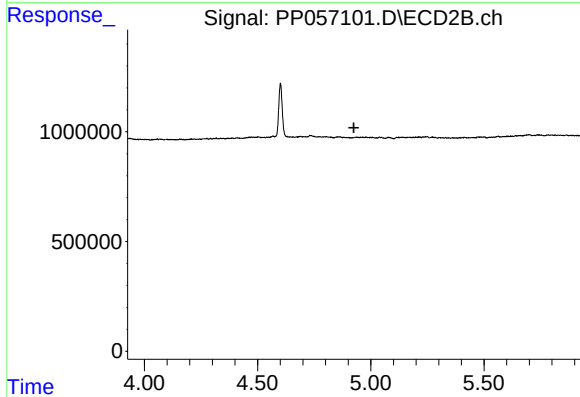
R.T.: 4.731 min
Delta R.T.: -0.016 min
Response: 232989
Conc: 2.91 ng/ml



#5 AR-1016-3

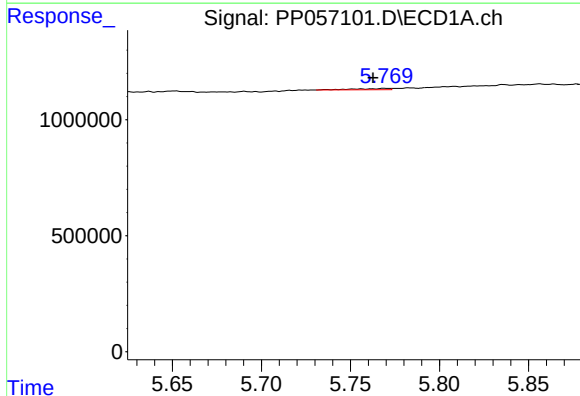
R.T.: 5.651 min
Delta R.T.: -0.013 min
Response: 71438
Conc: 1.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



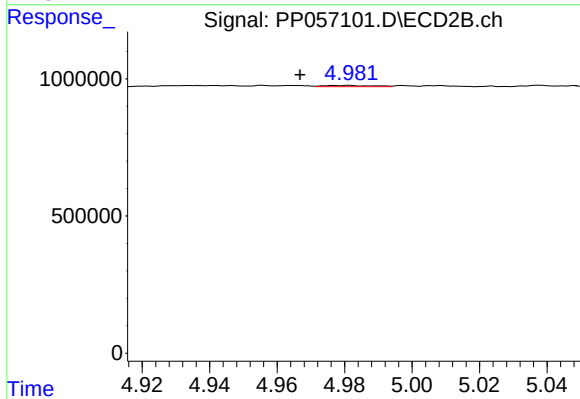
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.925 min
Response: 0
Conc: N.D.



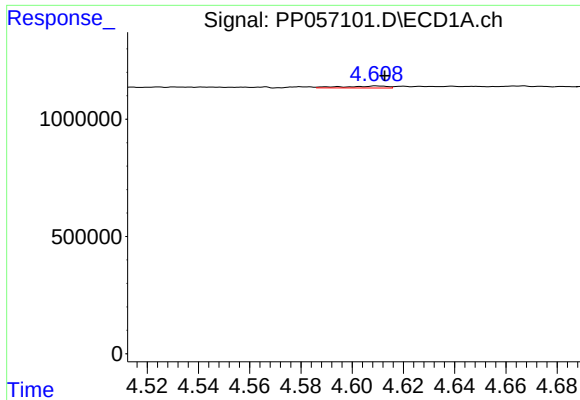
#6 AR-1016-4

R.T.: 5.769 min
Delta R.T.: 0.007 min
Response: 73920
Conc: 1.63 ng/ml



#6 AR-1016-4

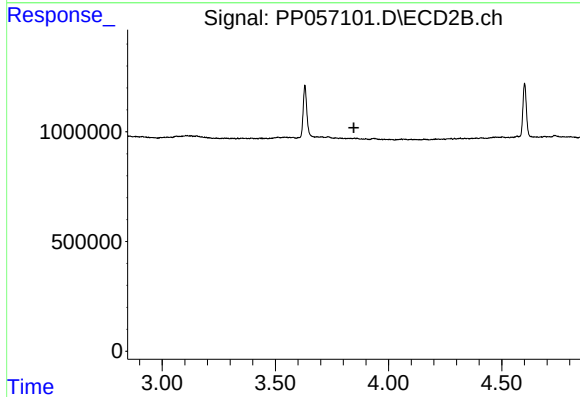
R.T.: 4.981 min
Delta R.T.: 0.014 min
Response: 45000
Conc: 1.16 ng/ml



#8 AR-1221-1

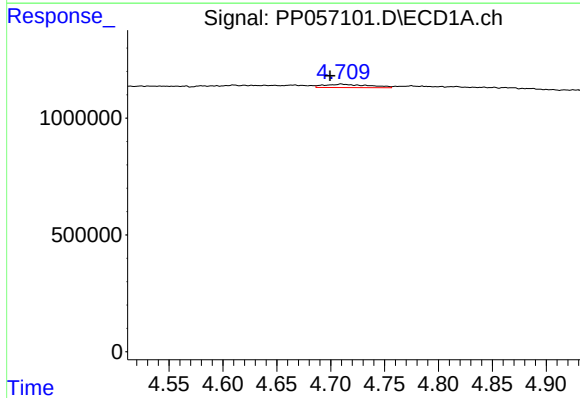
R.T.: 4.610 min
Delta R.T.: -0.003 min
Response: 99267
Conc: 3.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



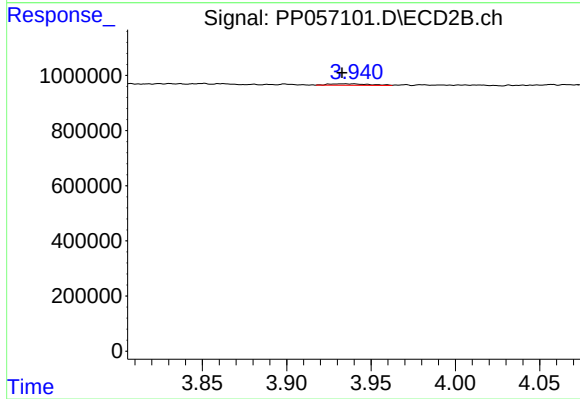
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.847 min
Response: 0
Conc: N.D.



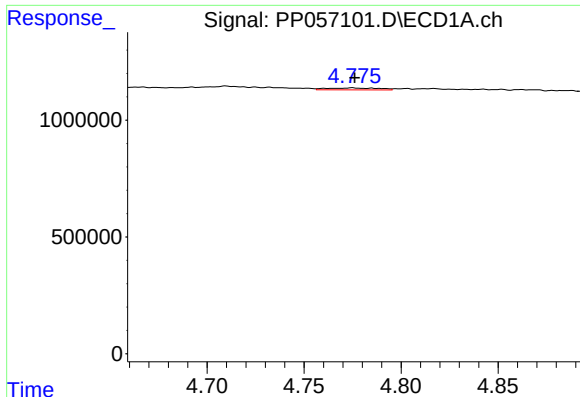
#9 AR-1221-2

R.T.: 4.710 min
Delta R.T.: 0.010 min
Response: 401807
Conc: 20.65 ng/ml



#9 AR-1221-2

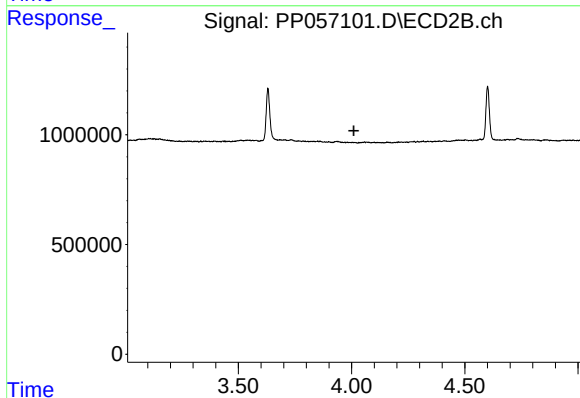
R.T.: 3.940 min
Delta R.T.: 0.007 min
Response: 88668
Conc: 5.51 ng/ml



#10 AR-1221-3

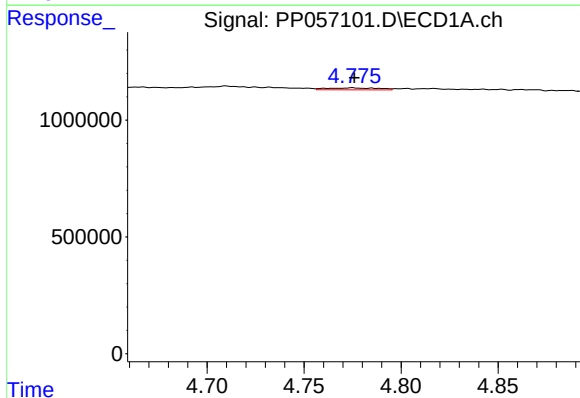
R.T.: 4.775 min
Delta R.T.: -0.001 min
Response: 151409
Conc: 2.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



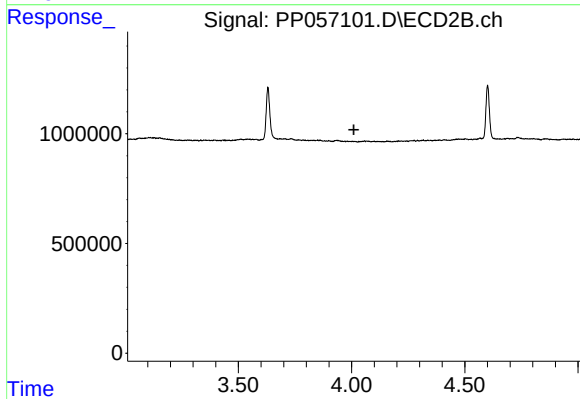
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.010 min
Response: 0
Conc: N.D.



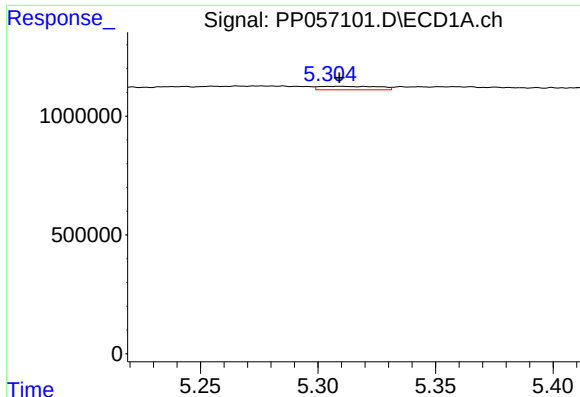
#11 AR-1232-1

R.T.: 4.775 min
Delta R.T.: -0.001 min
Response: 151409
Conc: 3.12 ng/ml



#11 AR-1232-1

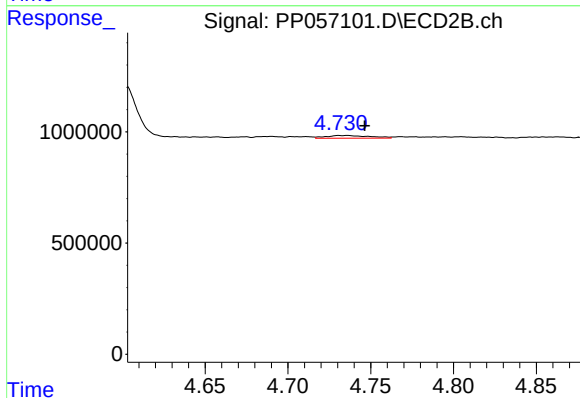
R.T.: 0.000 min
Exp R.T. : 4.010 min
Response: 0
Conc: N.D.



#12 AR-1232-2

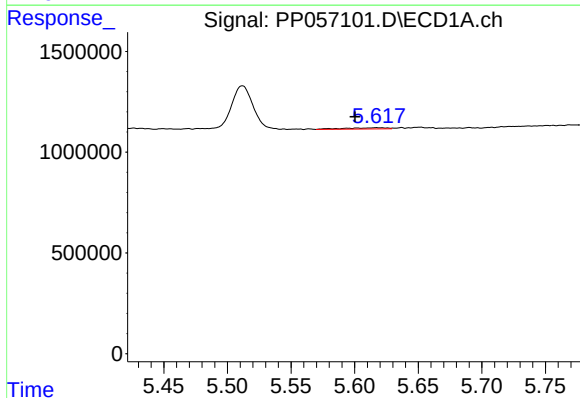
R.T.: 5.310 min
Delta R.T.: 0.000 min
Response: 256757
Conc: 10.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



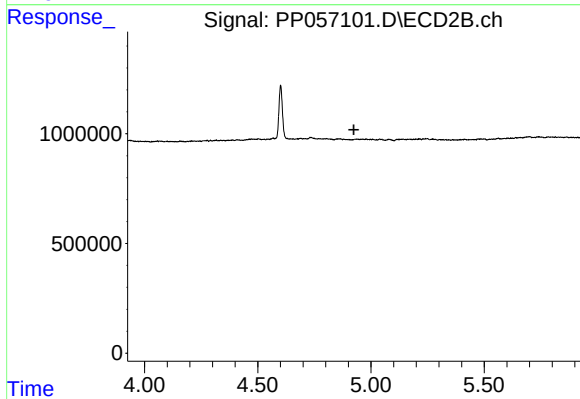
#12 AR-1232-2

R.T.: 4.731 min
Delta R.T.: -0.015 min
Response: 232989
Conc: 6.44 ng/ml



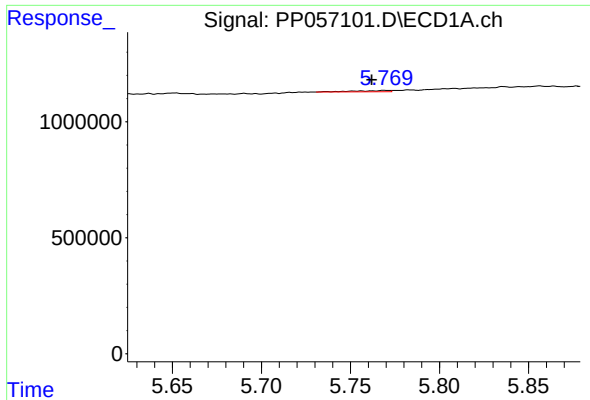
#13 AR-1232-3

R.T.: 5.617 min
Delta R.T.: 0.017 min
Response: 147707
Conc: 3.55 ng/ml



#13 AR-1232-3

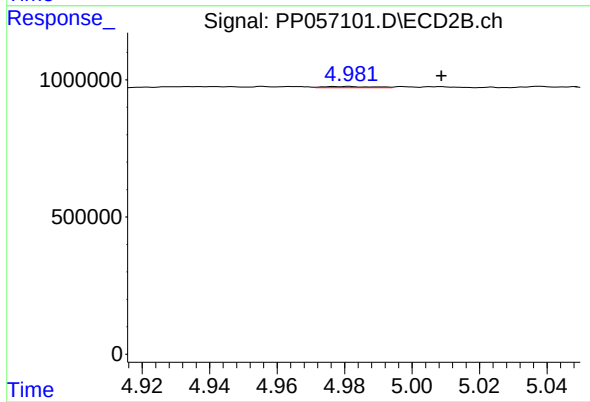
R.T.: 0.000 min
Exp R.T. : 4.925 min
Response: 0
Conc: N.D.



#14 AR-1232-4

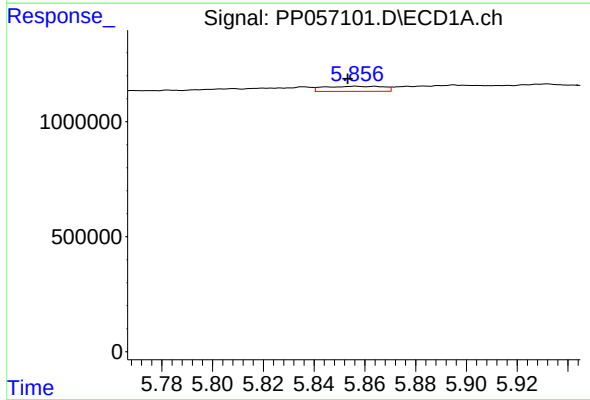
R.T.: 5.769 min
Delta R.T.: 0.007 min
Response: 73920
Conc: 3.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



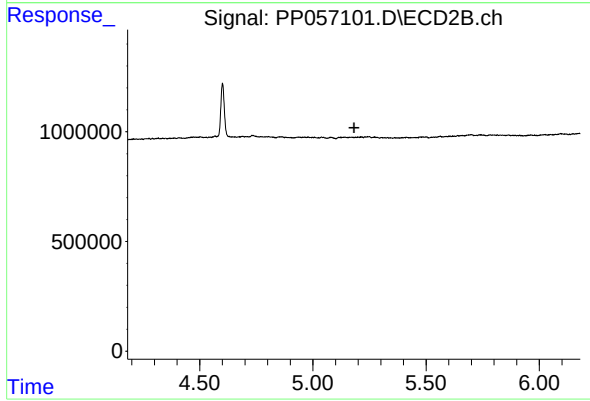
#14 AR-1232-4

R.T.: 4.981 min
Delta R.T.: -0.028 min
Response: 45000
Conc: 2.27 ng/ml



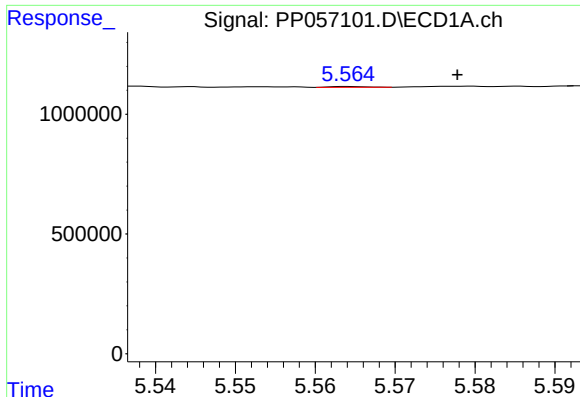
#15 AR-1232-5

R.T.: 5.856 min
Delta R.T.: 0.003 min
Response: 355741
Conc: 18.82 ng/ml



#15 AR-1232-5

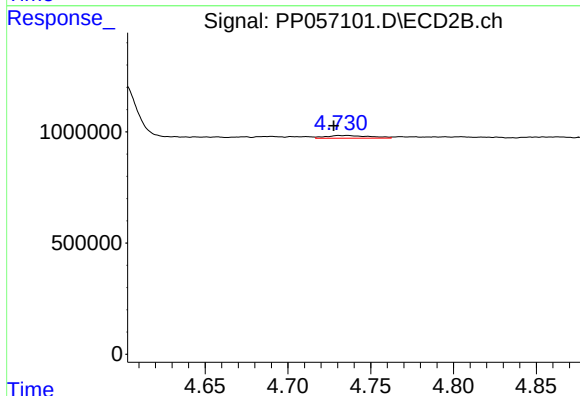
R.T.: 0.000 min
Exp R.T. : 5.181 min
Response: 0
Conc: N.D.



#16 AR-1242-1

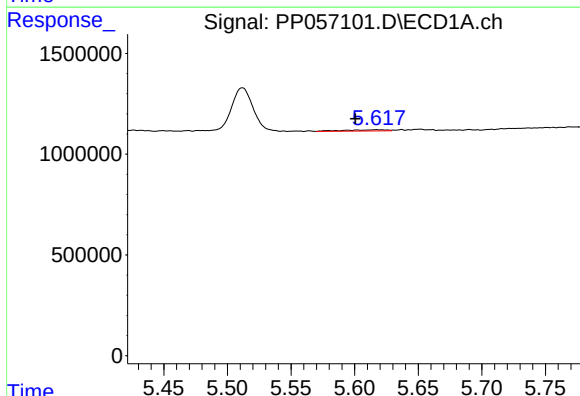
R.T.: 5.564 min
Delta R.T.: -0.013 min
Response: 10158
Conc: 0.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



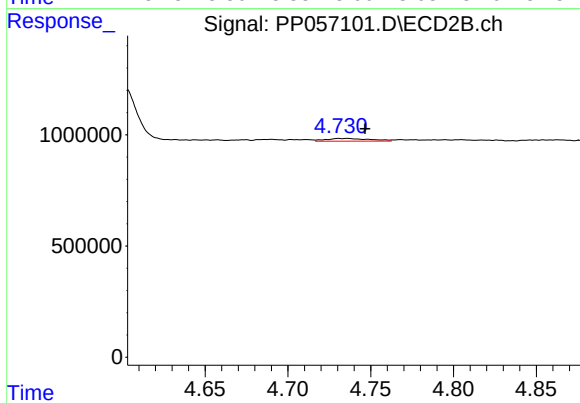
#16 AR-1242-1

R.T.: 4.731 min
Delta R.T.: 0.003 min
Response: 232989
Conc: 4.98 ng/ml



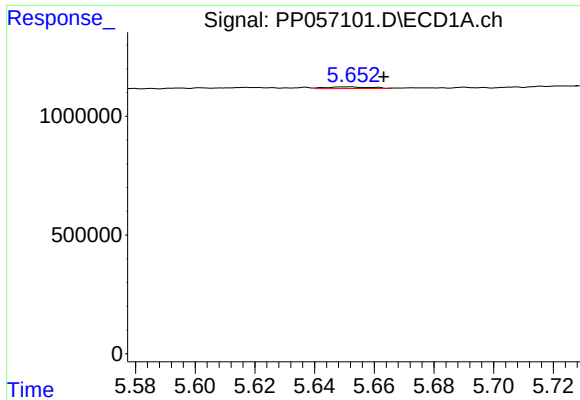
#17 AR-1242-2

R.T.: 5.617 min
Delta R.T.: 0.016 min
Response: 147707
Conc: 1.97 ng/ml



#17 AR-1242-2

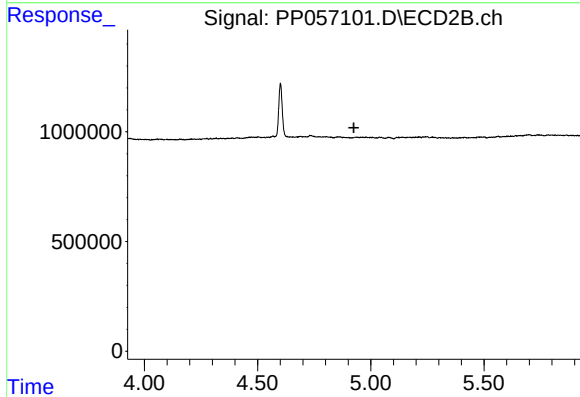
R.T.: 4.731 min
Delta R.T.: -0.016 min
Response: 232989
Conc: 3.59 ng/ml



#18 AR-1242-3

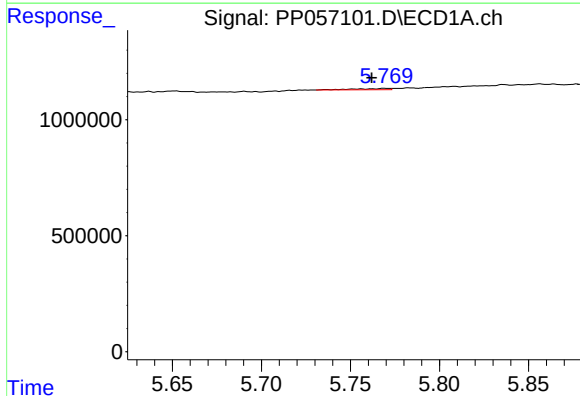
R.T.: 5.651 min
Delta R.T.: -0.012 min
Response: 71438
Conc: 1.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



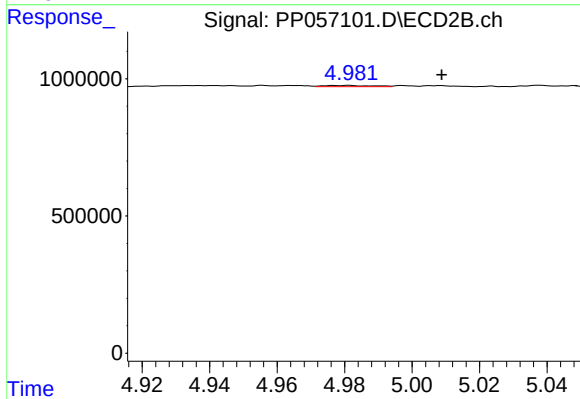
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.925 min
Response: 0
Conc: N.D.



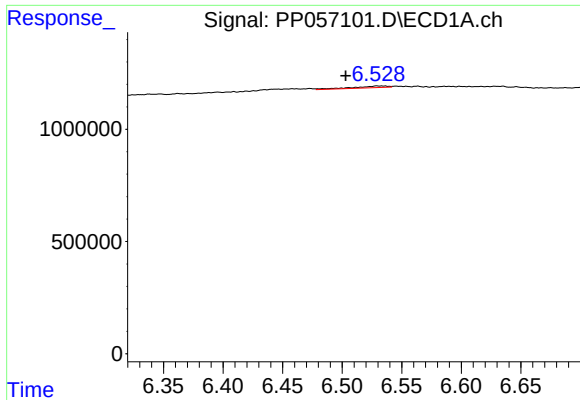
#19 AR-1242-4

R.T.: 5.769 min
Delta R.T.: 0.008 min
Response: 73920
Conc: 1.98 ng/ml



#19 AR-1242-4

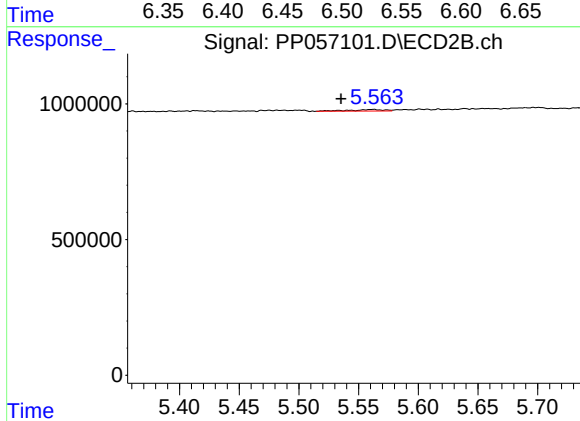
R.T.: 4.981 min
Delta R.T.: -0.028 min
Response: 45000
Conc: 1.13 ng/ml



#20 AR-1242-5

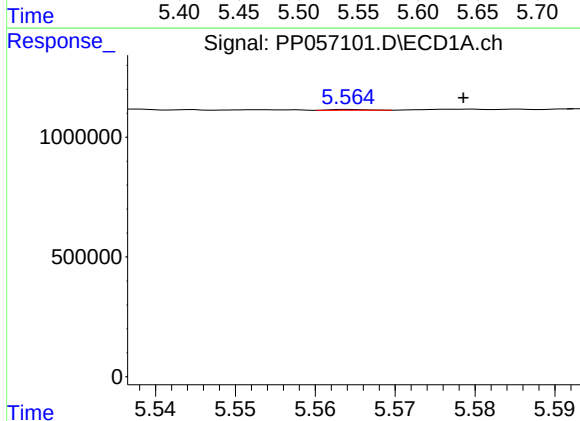
R.T.: 6.529 min
Delta R.T.: 0.026 min
Response: 153028
Conc: 4.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



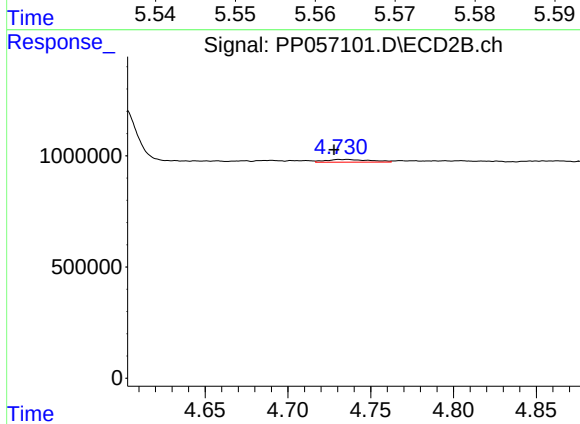
#20 AR-1242-5

R.T.: 5.562 min
Delta R.T.: 0.027 min
Response: 120120
Conc: 2.69 ng/ml



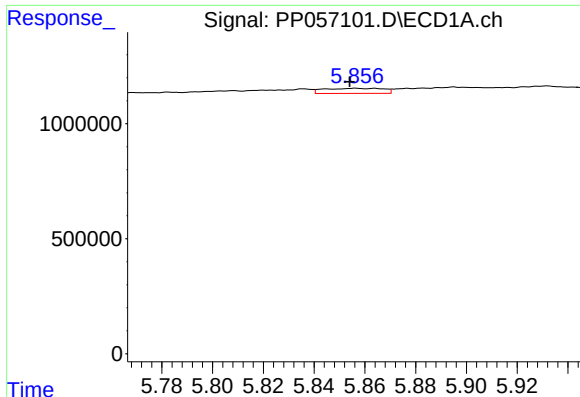
#21 AR-1248-1

R.T.: 5.564 min
Delta R.T.: -0.014 min
Response: 10158
Conc: 0.26 ng/ml



#21 AR-1248-1

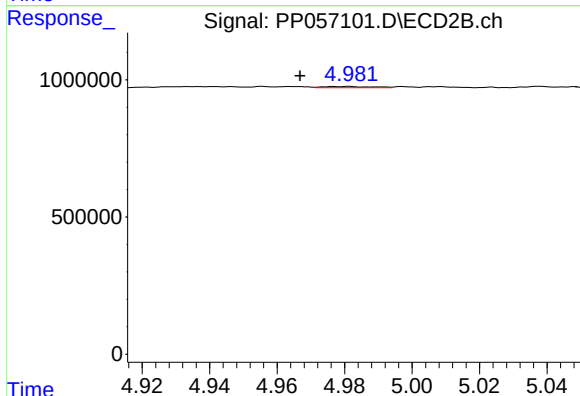
R.T.: 4.731 min
Delta R.T.: 0.003 min
Response: 232989
Conc: 6.61 ng/ml



#22 AR-1248-2

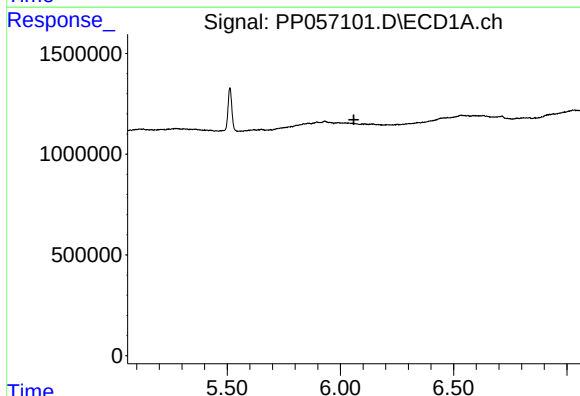
R.T.: 5.856 min
Delta R.T.: 0.002 min
Response: 355741
Conc: 5.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



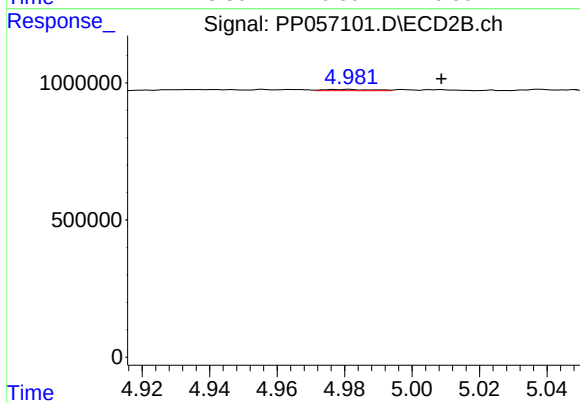
#22 AR-1248-2

R.T.: 4.981 min
Delta R.T.: 0.014 min
Response: 45000
Conc: 0.81 ng/ml



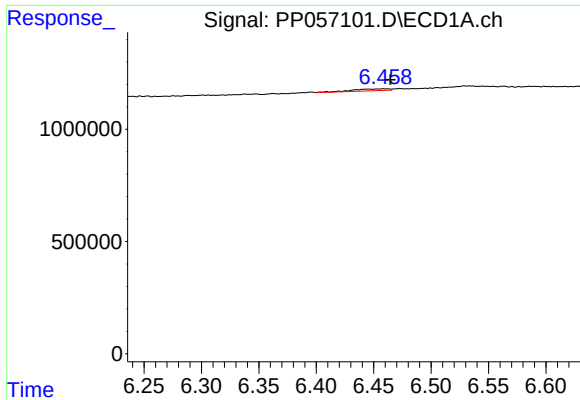
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 6.059 min
Response: 0
Conc: N.D.



#23 AR-1248-3

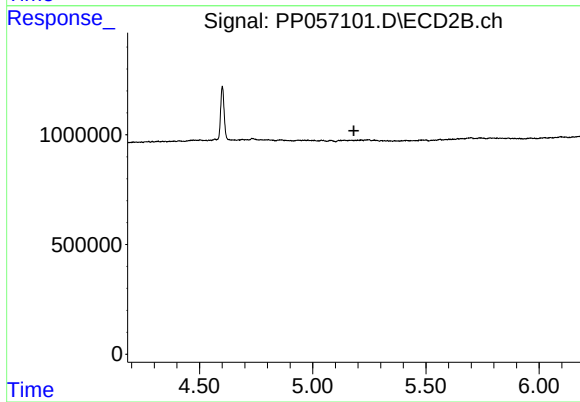
R.T.: 4.981 min
Delta R.T.: -0.028 min
Response: 45000
Conc: 0.78 ng/ml



#24 AR-1248-4

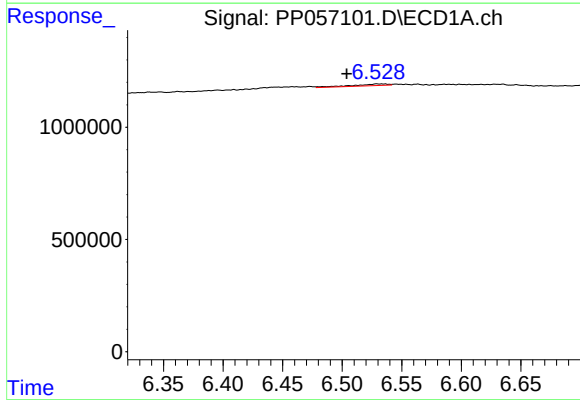
R.T.: 6.459 min
Delta R.T.: -0.006 min
Response: 193450
Conc: 3.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



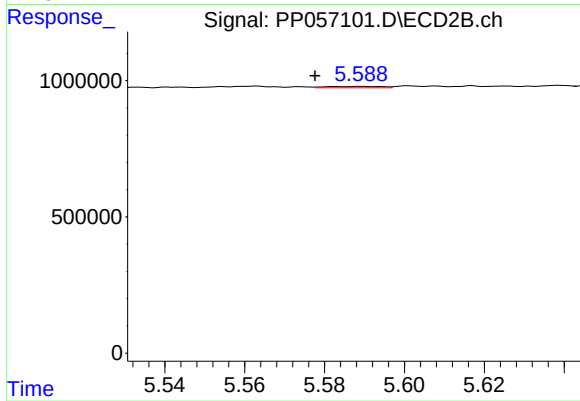
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.182 min
Response: 0
Conc: N.D.



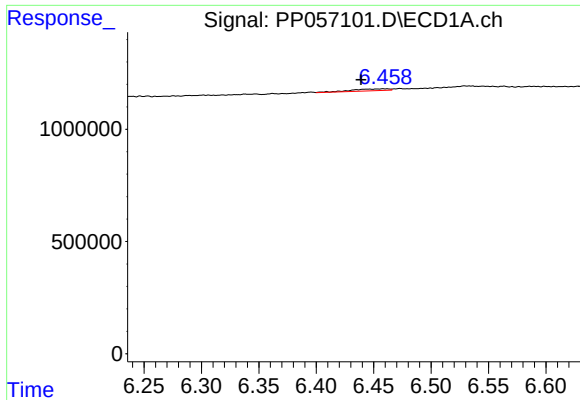
#25 AR-1248-5

R.T.: 6.529 min
Delta R.T.: 0.026 min
Response: 153028
Conc: 2.64 ng/ml



#25 AR-1248-5

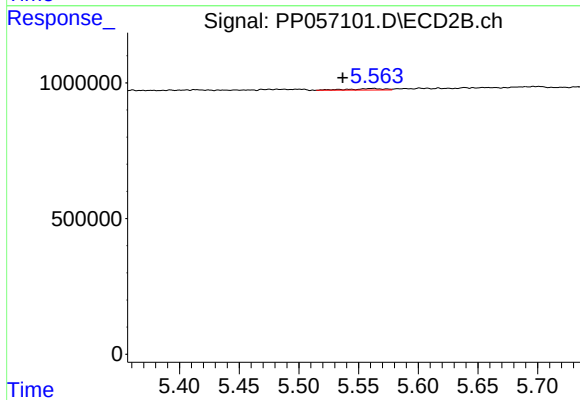
R.T.: 5.589 min
Delta R.T.: 0.011 min
Response: 48439
Conc: 0.83 ng/ml



#26 AR-1254-1

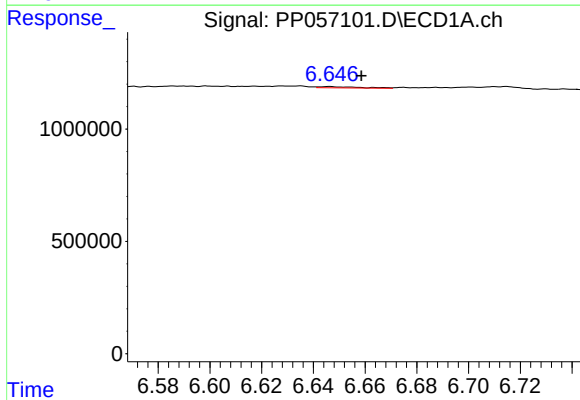
R.T.: 6.459 min
Delta R.T.: 0.020 min
Response: 193450
Conc: 2.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



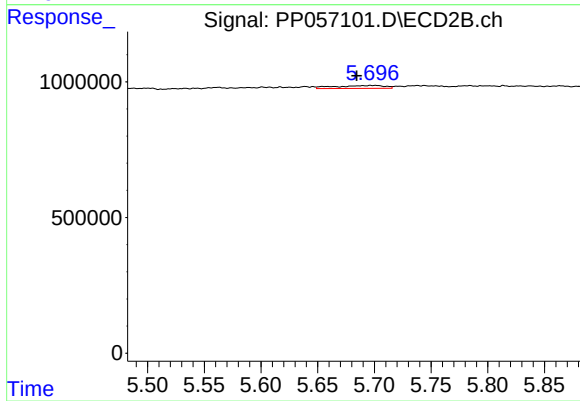
#26 AR-1254-1

R.T.: 5.562 min
Delta R.T.: 0.026 min
Response: 120120
Conc: 1.19 ng/ml



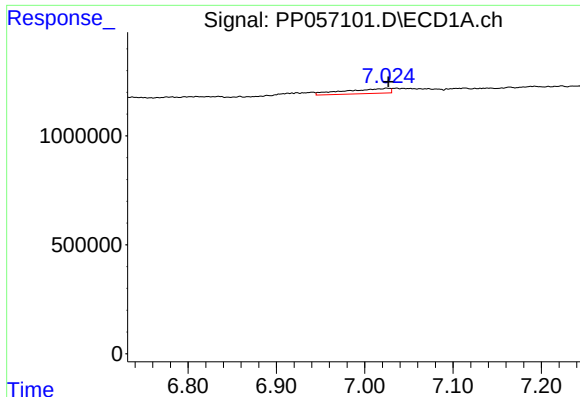
#27 AR-1254-2

R.T.: 6.646 min
Delta R.T.: -0.012 min
Response: 64413
Conc: 0.59 ng/ml



#27 AR-1254-2

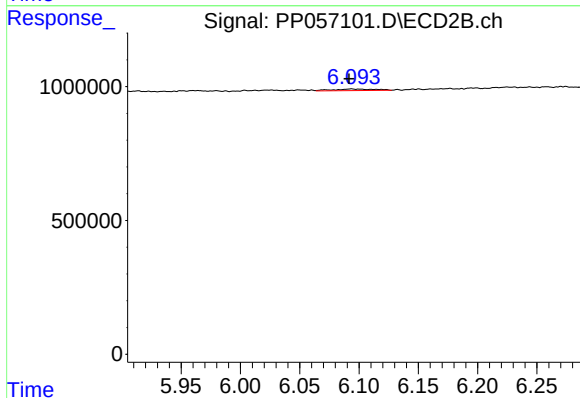
R.T.: 5.701 min
Delta R.T.: 0.017 min
Response: 324028
Conc: 3.63 ng/ml



#28 AR-1254-3

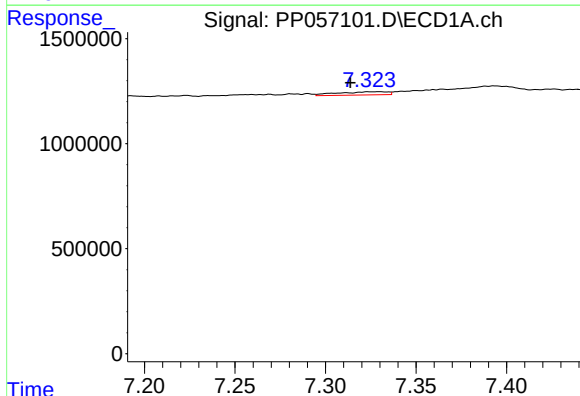
R.T.: 7.025 min
Delta R.T.: -0.002 min
Response: 821275
Conc: 7.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



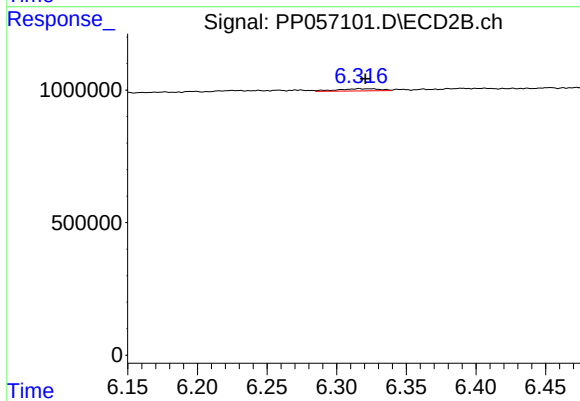
#28 AR-1254-3

R.T.: 6.093 min
Delta R.T.: 0.002 min
Response: 144088
Conc: 1.03 ng/ml



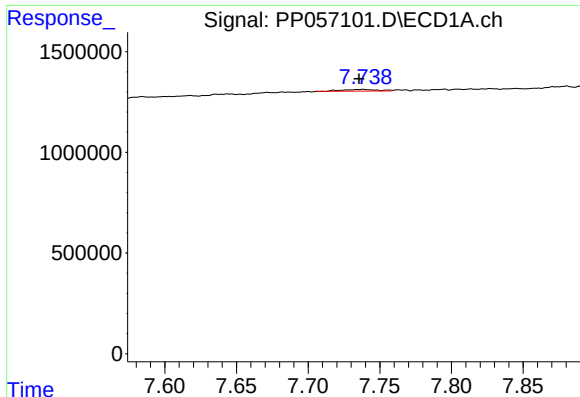
#29 AR-1254-4

R.T.: 7.330 min
Delta R.T.: 0.016 min
Response: 296502
Conc: 4.77 ng/ml



#29 AR-1254-4

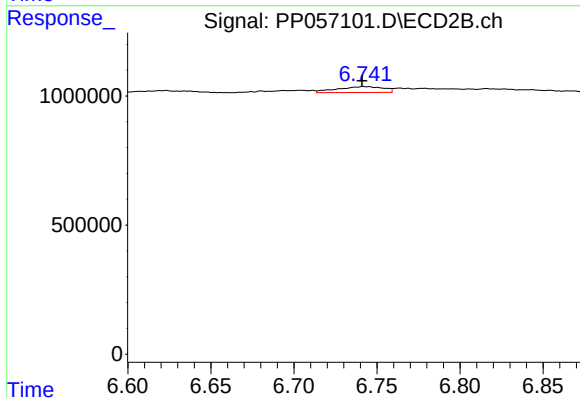
R.T.: 6.316 min
Delta R.T.: -0.005 min
Response: 177684
Conc: 2.36 ng/ml



#30 AR-1254-5

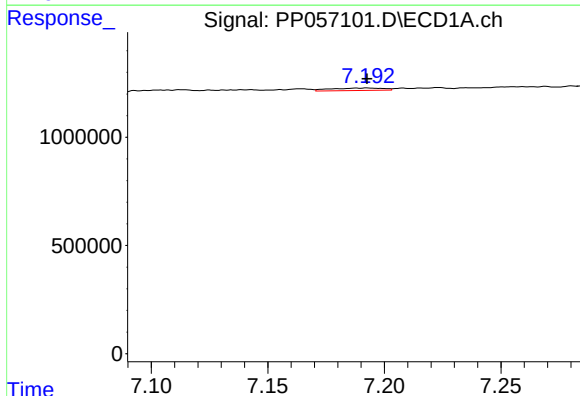
R.T.: 7.738 min
Delta R.T.: 0.003 min
Response: 150162
Conc: 2.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



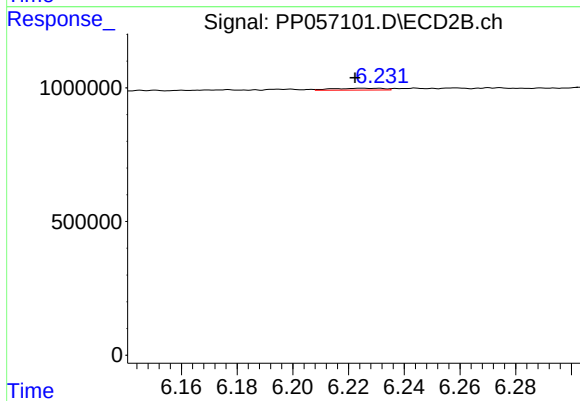
#30 AR-1254-5

R.T.: 6.742 min
Delta R.T.: 0.001 min
Response: 440439
Conc: 3.58 ng/ml



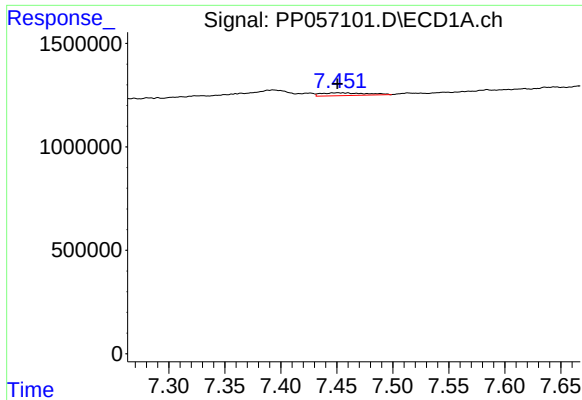
#31 AR-1260-1

R.T.: 7.193 min
Delta R.T.: 0.000 min
Response: 179208
Conc: 2.06 ng/ml



#31 AR-1260-1

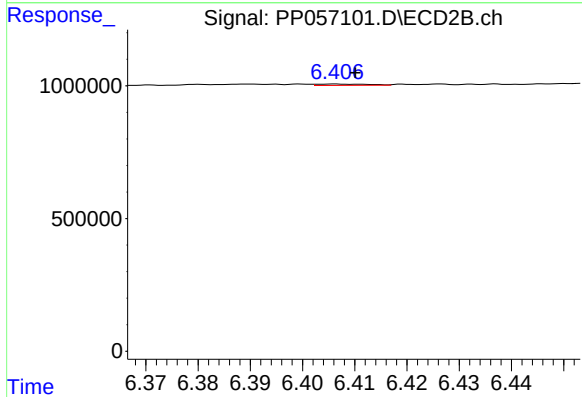
R.T.: 6.225 min
Delta R.T.: 0.003 min
Response: 89809
Conc: 0.89 ng/ml



#32 AR-1260-2

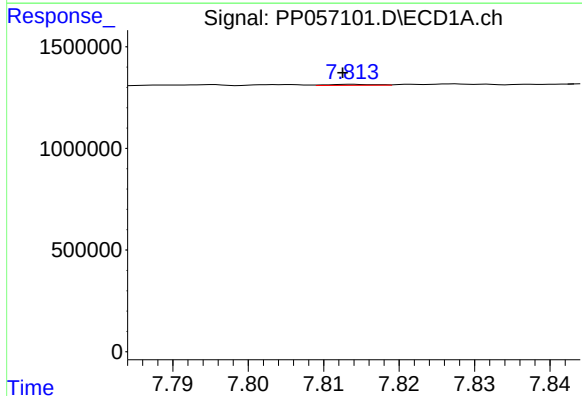
R.T.: 7.451 min
Delta R.T.: 0.000 min
Response: 383686
Conc: 4.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



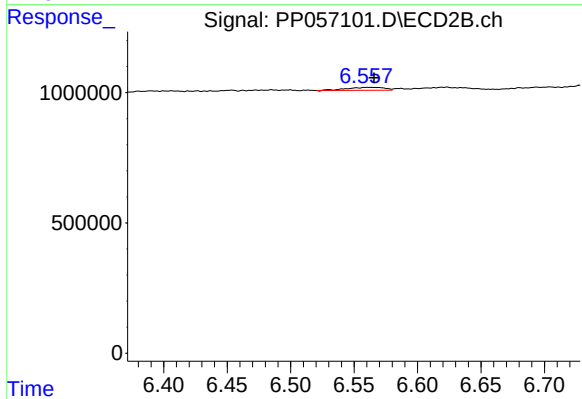
#32 AR-1260-2

R.T.: 6.406 min
Delta R.T.: -0.004 min
Response: 35195
Conc: 0.30 ng/ml



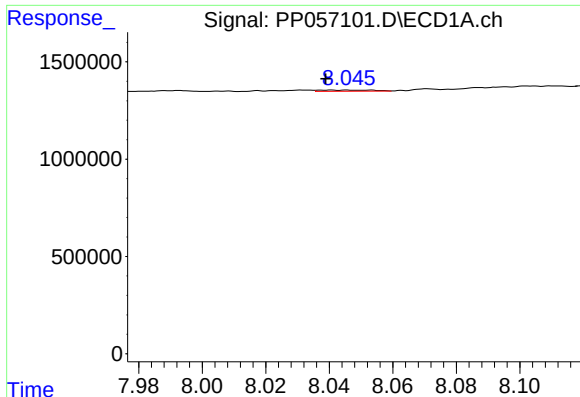
#33 AR-1260-3

R.T.: 7.814 min
Delta R.T.: 0.001 min
Response: 21238
Conc: 0.29 ng/ml



#33 AR-1260-3

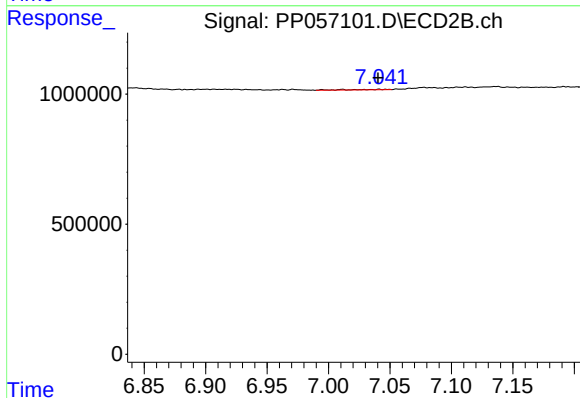
R.T.: 6.563 min
Delta R.T.: -0.003 min
Response: 224632
Conc: 2.03 ng/ml



#34 AR-1260-4

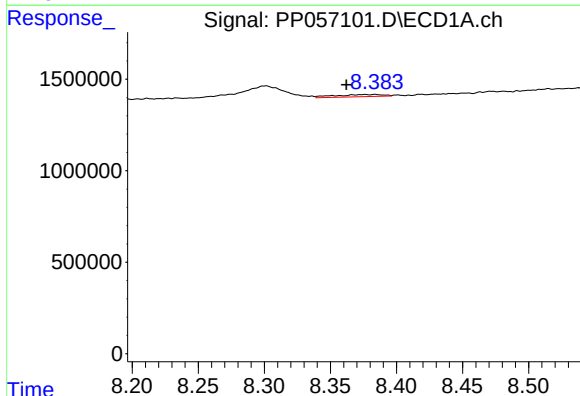
R.T.: 8.040 min
Delta R.T.: 0.001 min
Response: 65231
Conc: 0.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



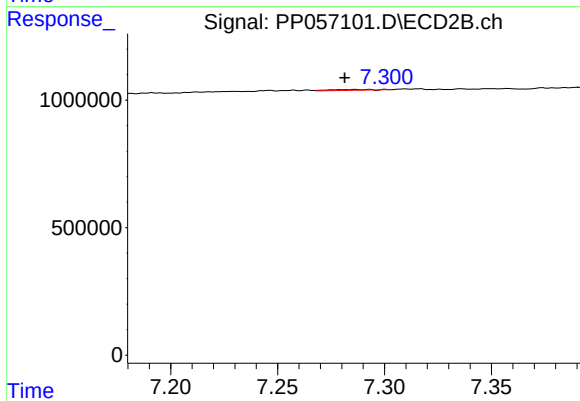
#34 AR-1260-4

R.T.: 7.041 min
Delta R.T.: 0.000 min
Response: 36533
Conc: 0.40 ng/ml



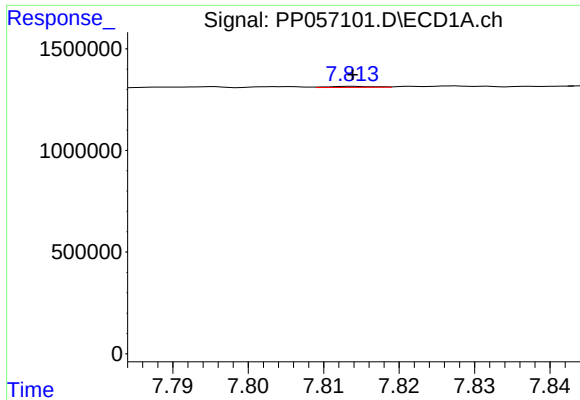
#35 AR-1260-5

R.T.: 8.384 min
Delta R.T.: 0.022 min
Response: 300083
Conc: 2.09 ng/ml



#35 AR-1260-5

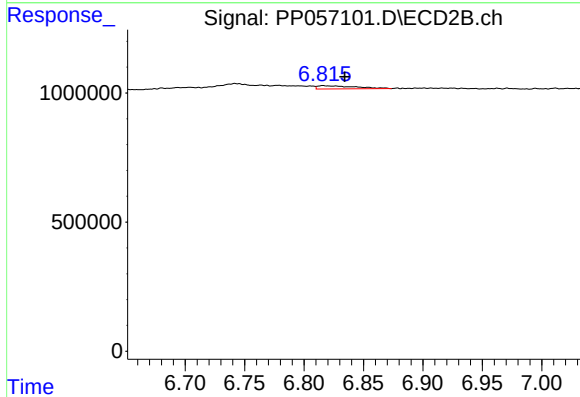
R.T.: 7.286 min
Delta R.T.: 0.005 min
Response: 41928
Conc: 0.23 ng/ml



#36 AR-1262-1

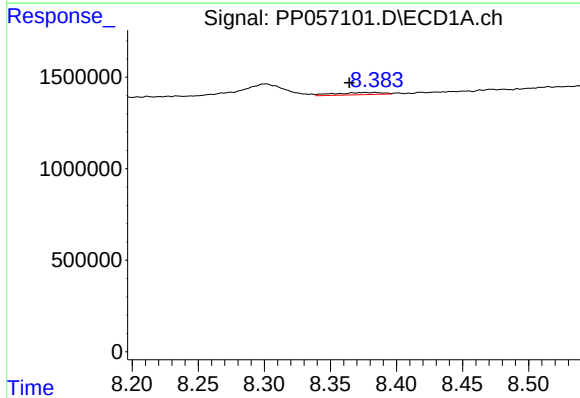
R.T.: 7.814 min
Delta R.T.: 0.000 min
Response: 21238
Conc: 0.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



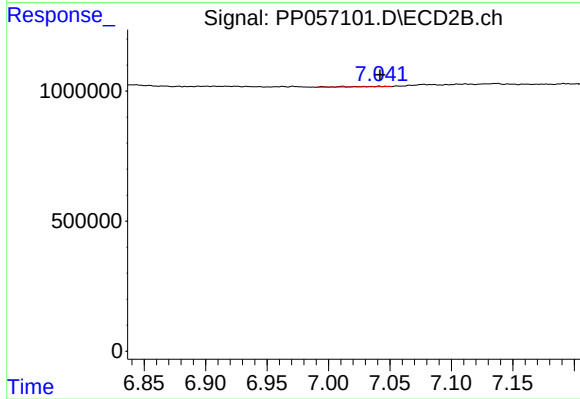
#36 AR-1262-1

R.T.: 6.816 min
Delta R.T.: -0.018 min
Response: 275624
Conc: 4.83 ng/ml



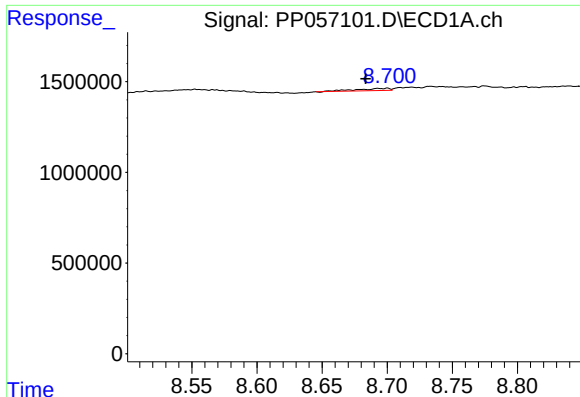
#37 AR-1262-2

R.T.: 8.384 min
Delta R.T.: 0.019 min
Response: 300083
Conc: 2.05 ng/ml



#37 AR-1262-2

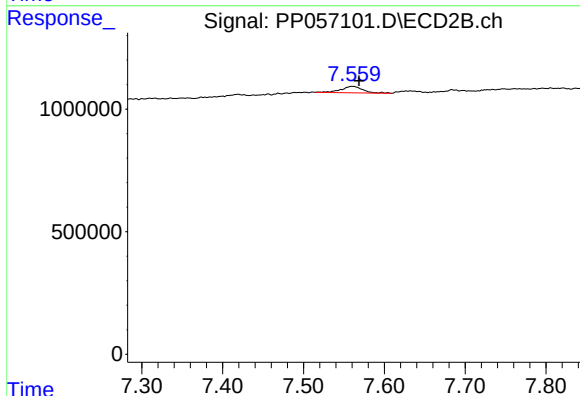
R.T.: 7.041 min
Delta R.T.: 0.000 min
Response: 36533
Conc: 0.31 ng/ml



#38 AR-1262-3

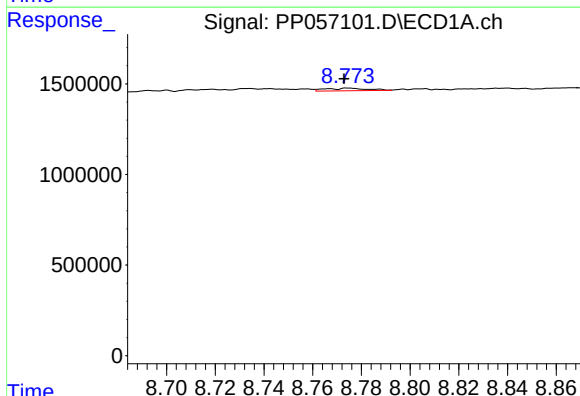
R.T.: 8.700 min
Delta R.T.: 0.016 min
Response: 224527
Conc: 2.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



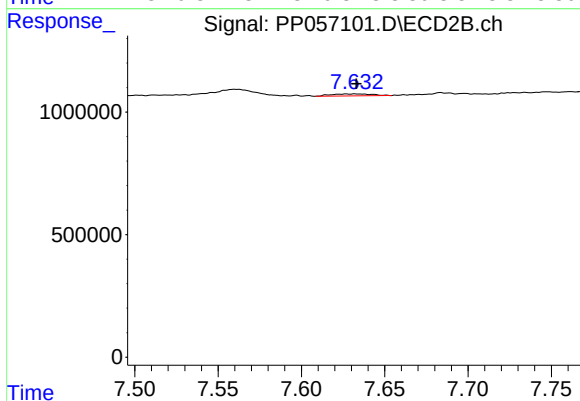
#38 AR-1262-3

R.T.: 7.561 min
Delta R.T.: -0.008 min
Response: 479718
Conc: 5.29 ng/ml



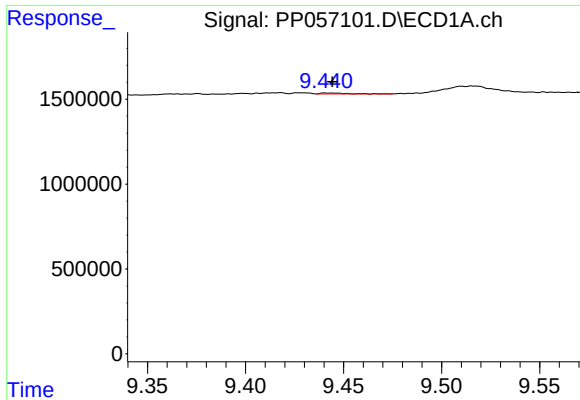
#39 AR-1262-4

R.T.: 8.775 min
Delta R.T.: 0.002 min
Response: 173291
Conc: 2.07 ng/ml



#39 AR-1262-4

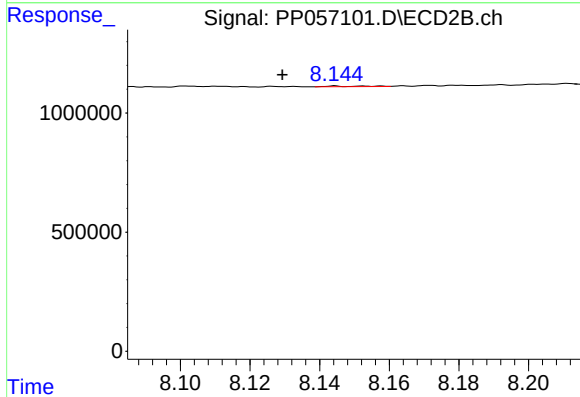
R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 136470
Conc: 0.87 ng/ml



#40 AR-1262-5

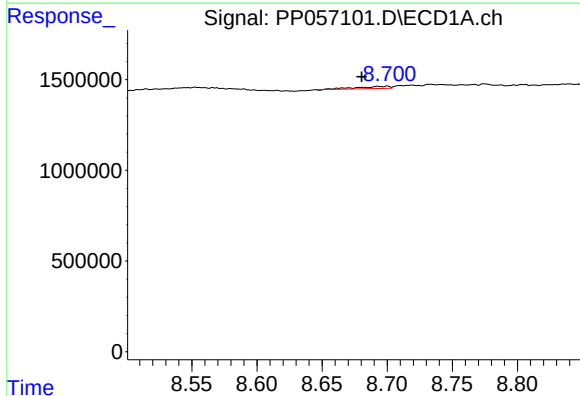
R.T.: 9.441 min
Delta R.T.: -0.003 min
Response: 47313
Conc: 0.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



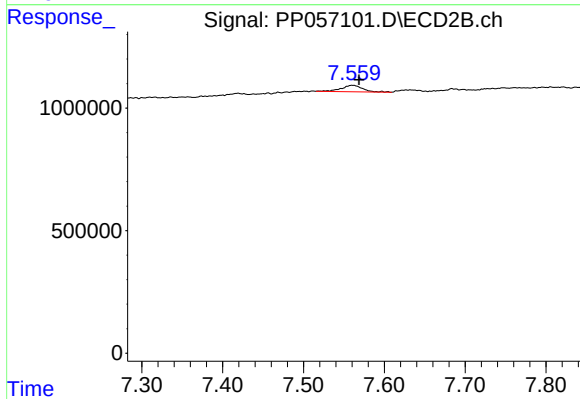
#40 AR-1262-5

R.T.: 8.144 min
Delta R.T.: 0.015 min
Response: 18987
Conc: 0.28 ng/ml



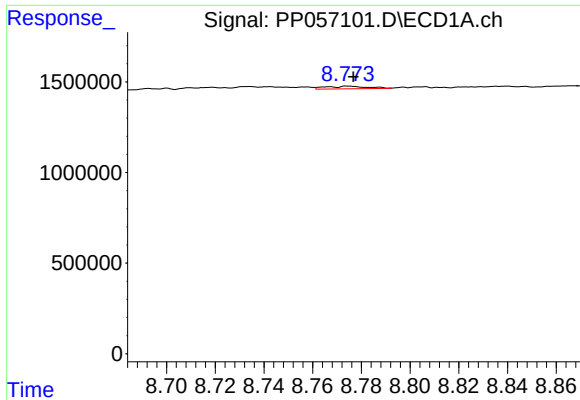
#41 AR-1268-1

R.T.: 8.700 min
Delta R.T.: 0.019 min
Response: 224527
Conc: 1.06 ng/ml



#41 AR-1268-1

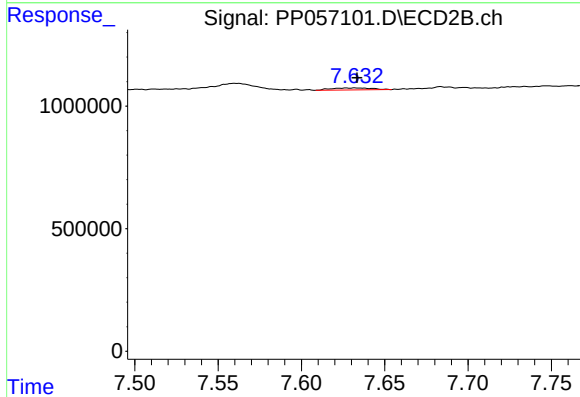
R.T.: 7.561 min
Delta R.T.: -0.008 min
Response: 479718
Conc: 1.73 ng/ml



#42 AR-1268-2

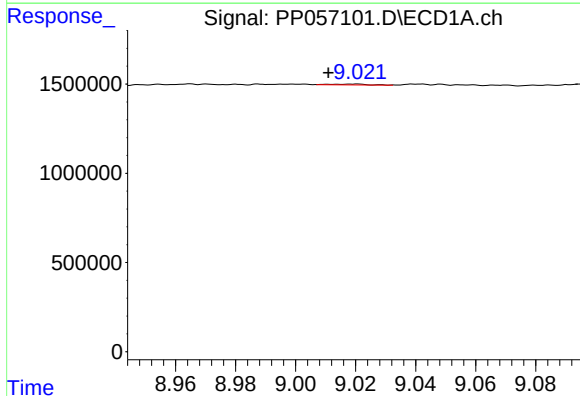
R.T.: 8.775 min
Delta R.T.: -0.002 min
Response: 173291
Conc: 0.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



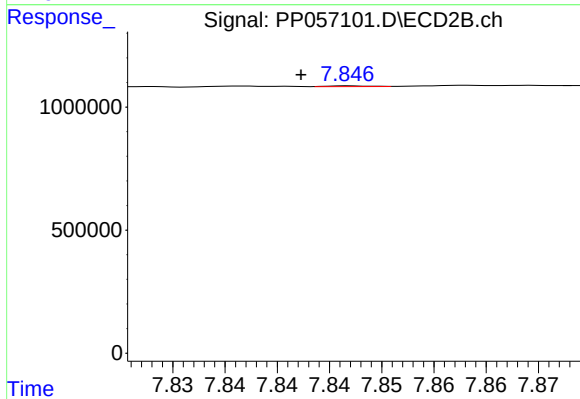
#42 AR-1268-2

R.T.: 7.632 min
Delta R.T.: -0.001 min
Response: 136470
Conc: 0.55 ng/ml



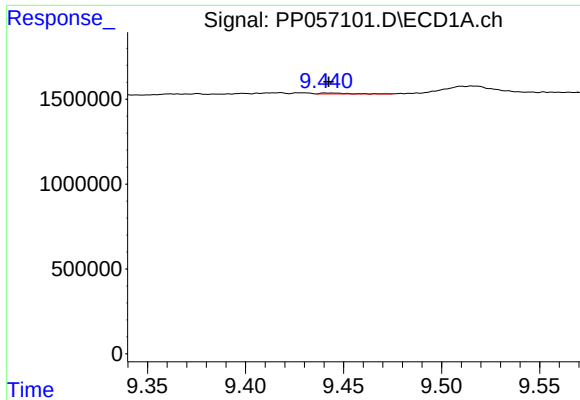
#43 AR-1268-3

R.T.: 9.020 min
Delta R.T.: 0.009 min
Response: 36326
Conc: 0.21 ng/ml



#43 AR-1268-3

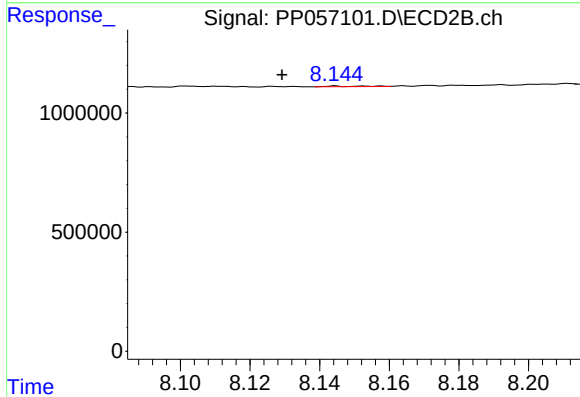
R.T.: 7.847 min
Delta R.T.: 0.005 min
Response: 8888
Conc: 0.04 ng/ml



#44 AR-1268-4

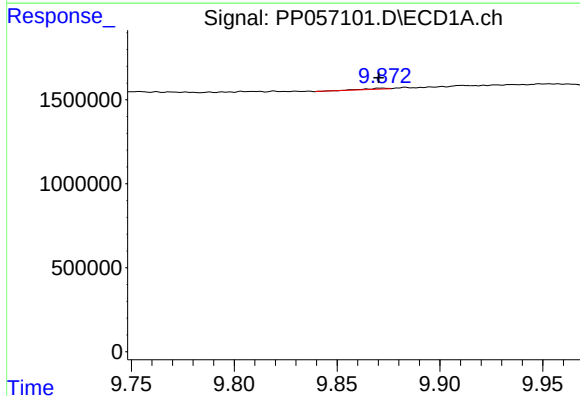
R.T.: 9.441 min
Delta R.T.: -0.001 min
Response: 47313
Conc: 0.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



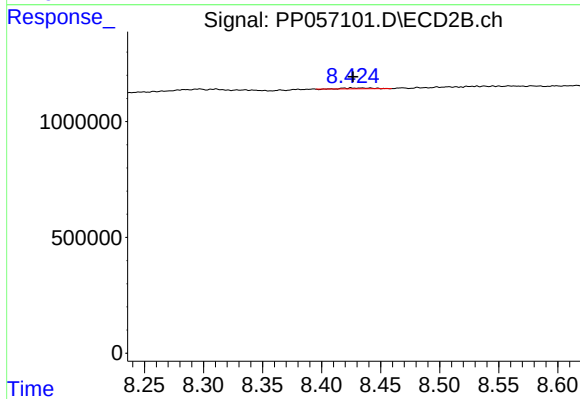
#44 AR-1268-4

R.T.: 8.144 min
Delta R.T.: 0.015 min
Response: 18987
Conc: 0.24 ng/ml



#45 AR-1268-5

R.T.: 9.872 min
Delta R.T.: 0.002 min
Response: 44408
Conc: 0.09 ng/ml



#45 AR-1268-5

R.T.: 8.425 min
Delta R.T.: -0.001 min
Response: 66249
Conc: 0.11 ng/ml