

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR110221\
 Data File : PR052438.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Nov 2021 17:18
 Operator : AJ\MA
 Sample : M4412-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 03 04:30:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101421CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 16 08:36:17 2021
 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...	4.690	3.857	78347988	62019976	19.945	21.715
2)	SA Decachlor...	10.631	8.870	128.0E6	125.2E6	36.452	36.832
Target Compounds							
3)	L1 AR-1016-1	5.890	0.000	142693	0	1.175	N.D. #
4)	L1 AR-1016-2	5.890	0.000	142693	0	0.825	N.D. #
5)	L1 AR-1016-3	5.964	5.188f	318457	292724	2.958	4.115 #
6)	L1 AR-1016-4	6.078	5.188	103651	292724	1.176	5.376 #
7)	L1 AR-1016-5	6.369	5.449f	210523	109391	2.378	1.510 #
8)	L2 AR-1221-1	4.924	0.000	667158	0	14.553	N.D. #
9)	L2 AR-1221-2	5.006	4.157	798299	669019	16.082	27.692 #
10)	L2 AR-1221-3	5.080	4.283f	425658	262089	3.663	3.049
11)	L3 AR-1232-1	5.080	4.283f	425658	262089	5.492	4.419
12)	L3 AR-1232-2	5.591	0.000	2114416	0	52.443	N.D. #
13)	L3 AR-1232-3	5.890	5.188f	142693	292724	1.910	9.790 #
14)	L3 AR-1232-4	6.078	5.188	103651	292724	2.767	11.336 #
15)	L3 AR-1232-5	6.152	5.449f	94368	109391	3.058	3.834 #
16)	L4 AR-1242-1	5.890	0.000	142693	0	1.433	N.D. #
17)	L4 AR-1242-2	5.890	0.000	142693	0	1.014	N.D. #
18)	L4 AR-1242-3	5.964	5.188f	318457	292724	3.620	5.146 #
19)	L4 AR-1242-4	6.078	5.188	103651	292724	1.454	5.433 #
20)	L4 AR-1242-5	6.828	0.000	32080	0	0.421	N.D. #
21)	L5 AR-1248-1	5.890	0.000	142693	0	1.954	N.D. #
22)	L5 AR-1248-2	6.152	5.188	94368	292724	0.880	4.004 #
23)	L5 AR-1248-3	6.369	5.188	210523	292724	1.806	3.752 #
24)	L5 AR-1248-4	6.736	5.449f	53119	109391	0.416	1.163 #
25)	L5 AR-1248-5	6.828	0.000	32080	0	0.260	N.D. #
26)	L6 AR-1254-1	6.736	0.000	53119	0	0.399	N.D. #
27)	L6 AR-1254-2	6.951	5.915	198815	101467	0.962	0.809
28)	L6 AR-1254-3	7.329	0.000	104003	0	0.496	N.D. #
29)	L6 AR-1254-4	7.626	0.000	105164	0	0.668	N.D. #
30)	L6 AR-1254-5	8.048	6.926	517172	188309	2.995	1.028 #
31)	L7 AR-1260-1	7.482	6.404	76495	296765	0.512	2.325 #
32)	L7 AR-1260-2	7.749	0.000	210997	0	1.180	N.D. #
33)	L7 AR-1260-3	8.131	6.761	83323	349992	0.588	2.360 #
34)	L7 AR-1260-4	8.347	7.213	209684	202110	1.267	1.665 #
35)	L7 AR-1260-5	8.692	7.451	285216	552173	0.880	1.780 #
36)	L8 AR-1262-1	8.131	6.761	83323	349992	0.403	2.771 #
37)	L8 AR-1262-2	8.692	7.451	285216	552173	0.759	1.623 #
38)	L8 AR-1262-3	9.022	7.736	175199	80799	1.035	0.579 #
39)	L8 AR-1262-4	9.052f	7.804	226582	198133	1.914	0.737 #
40)	L8 AR-1262-5	9.813	0.000	378152	0	2.552	N.D. #
41)	L9 AR-1268-1	9.022	7.736	175199	80799	0.394	0.203 #

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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	9.052f	7.804	226582	198133	0.559	0.510
43) L9	AR-1268-3	9.349	8.012	335409	534966	0.957	1.571 #
44) L9	AR-1268-4	9.813	0.000	378152	0	2.322	N.D. #
45) L9	AR-1268-5	10.271	8.605	1178324	742041	1.033	0.628 #

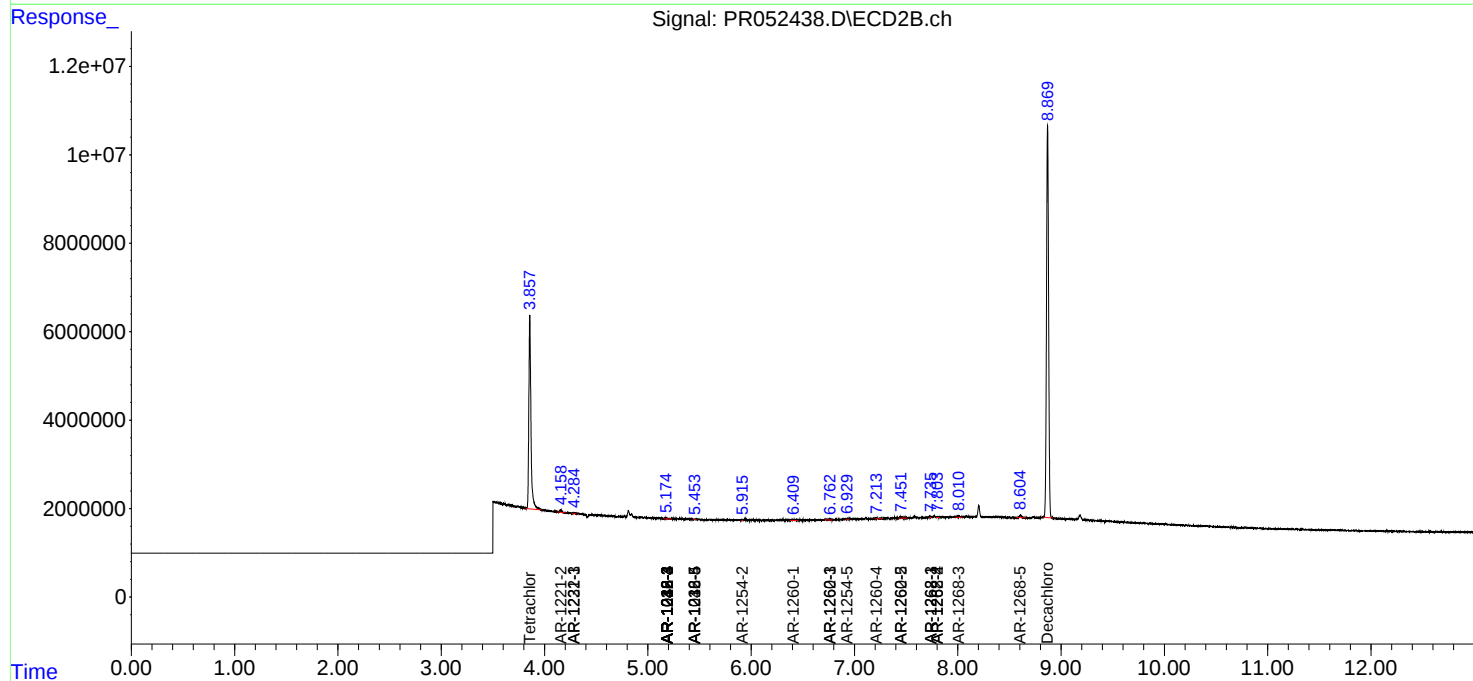
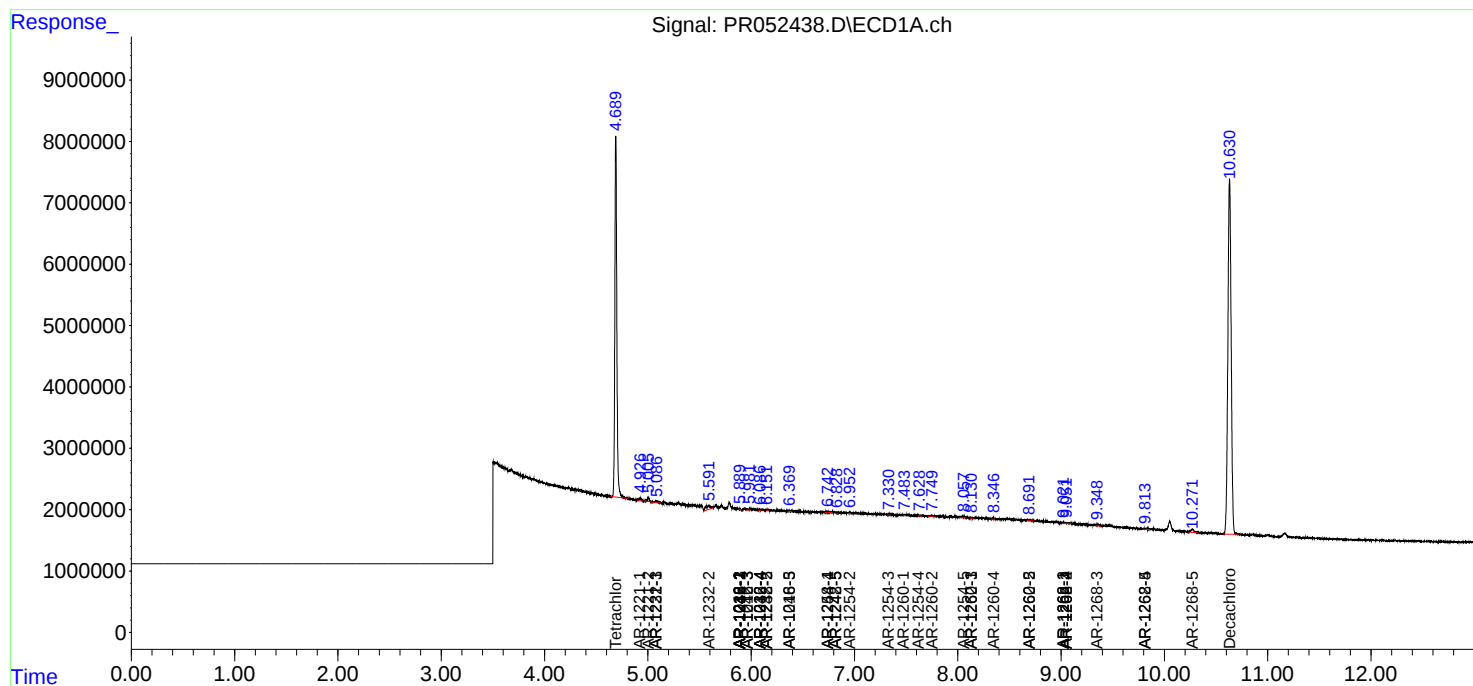
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

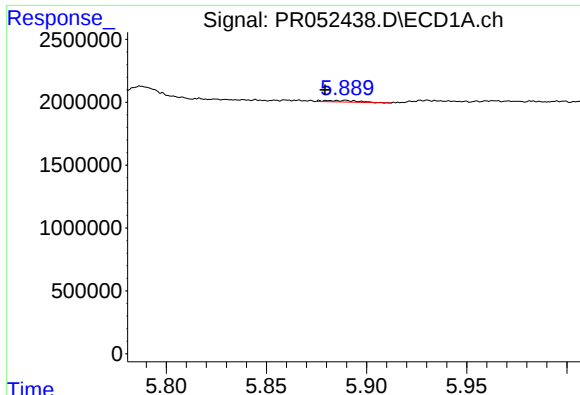
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR110221\
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Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

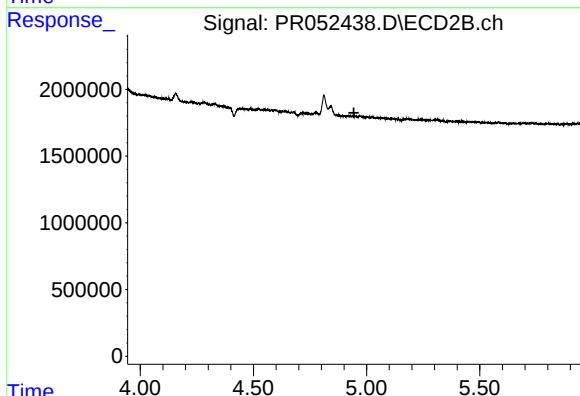




#3 AR-1016-1

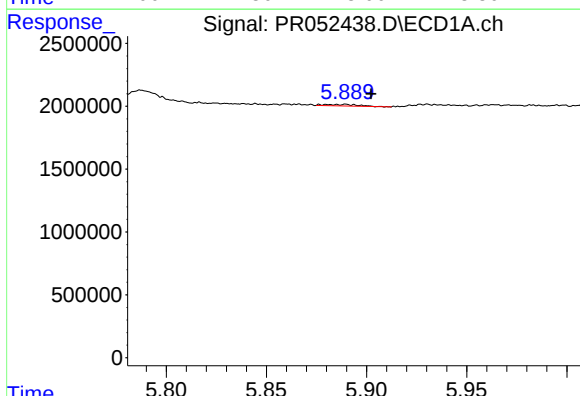
R.T.: 5.890 min
Delta R.T.: 0.010 min
Response: 142693
Conc: 1.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



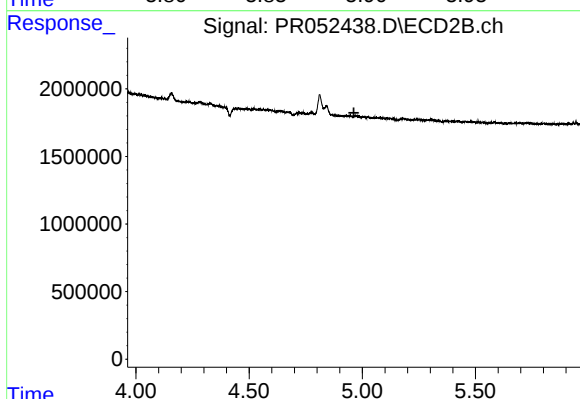
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.944 min
Response: 0
Conc: N.D.



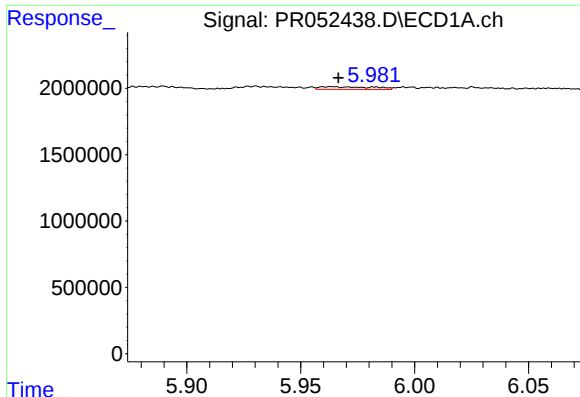
#4 AR-1016-2

R.T.: 5.890 min
Delta R.T.: -0.013 min
Response: 142693
Conc: 0.82 ng/ml



#4 AR-1016-2

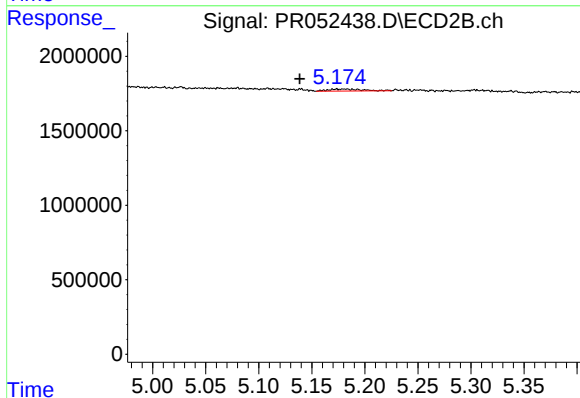
R.T.: 0.000 min
Exp R.T. : 4.963 min
Response: 0
Conc: N.D.



#5 AR-1016-3

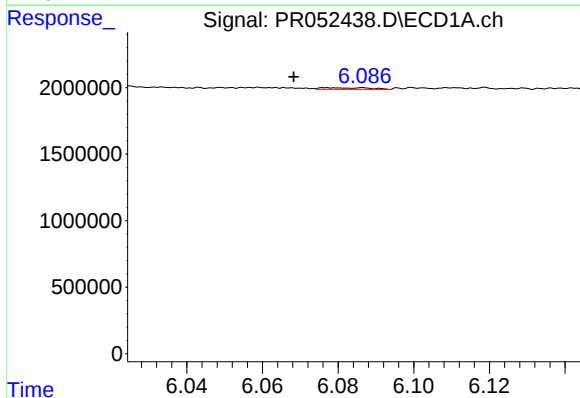
R.T.: 5.964 min
Delta R.T.: -0.003 min
Response: 318457
Conc: 2.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



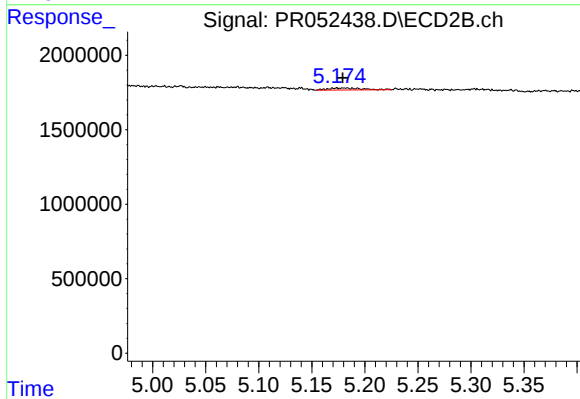
#5 AR-1016-3

R.T.: 5.188 min
Delta R.T.: 0.050 min
Response: 292724
Conc: 4.12 ng/ml



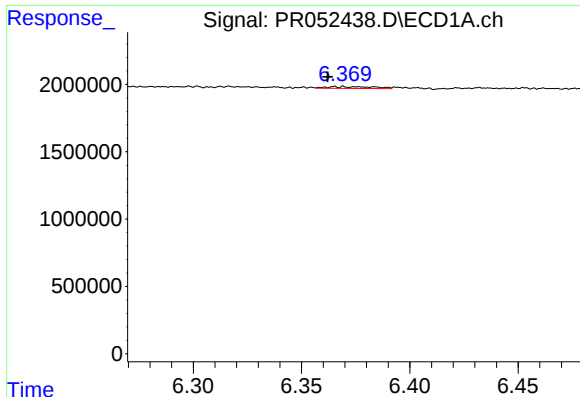
#6 AR-1016-4

R.T.: 6.078 min
Delta R.T.: 0.009 min
Response: 103651
Conc: 1.18 ng/ml



#6 AR-1016-4

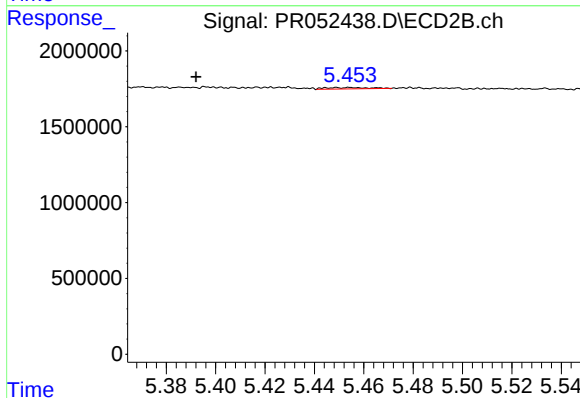
R.T.: 5.188 min
Delta R.T.: 0.009 min
Response: 292724
Conc: 5.38 ng/ml



#7 AR-1016-5

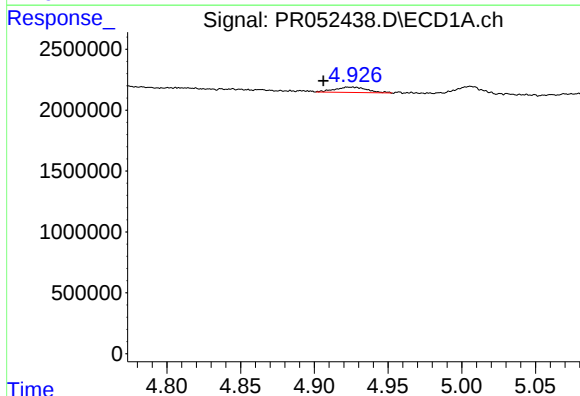
R.T.: 6.369 min
Delta R.T.: 0.007 min
Response: 210523
Conc: 2.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



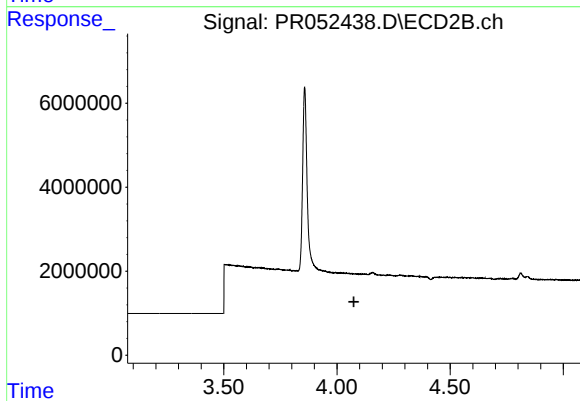
#7 AR-1016-5

R.T.: 5.449 min
Delta R.T.: 0.057 min
Response: 109391
Conc: 1.51 ng/ml



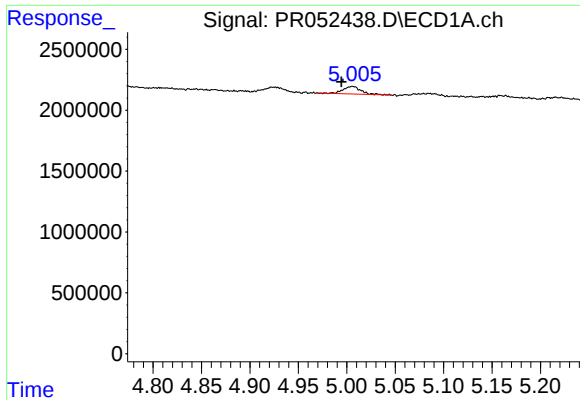
#8 AR-1221-1

R.T.: 4.924 min
Delta R.T.: 0.018 min
Response: 667158
Conc: 14.55 ng/ml



#8 AR-1221-1

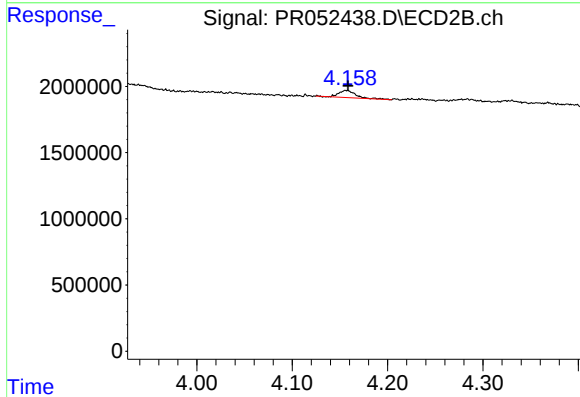
R.T.: 0.000 min
Exp R.T. : 4.075 min
Response: 0
Conc: N.D.



#9 AR-1221-2

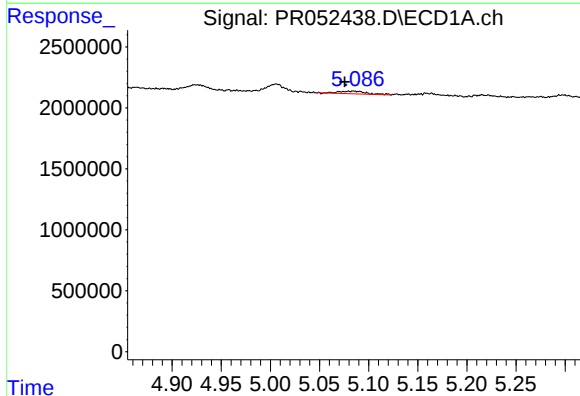
R.T.: 5.006 min
Delta R.T.: 0.012 min
Response: 798299
Conc: 16.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



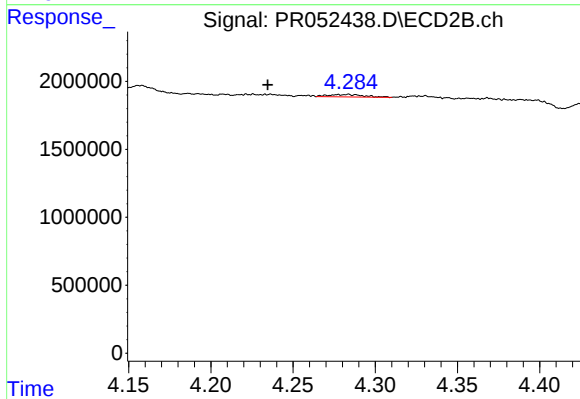
#9 AR-1221-2

R.T.: 4.157 min
Delta R.T.: -0.002 min
Response: 669019
Conc: 27.69 ng/ml



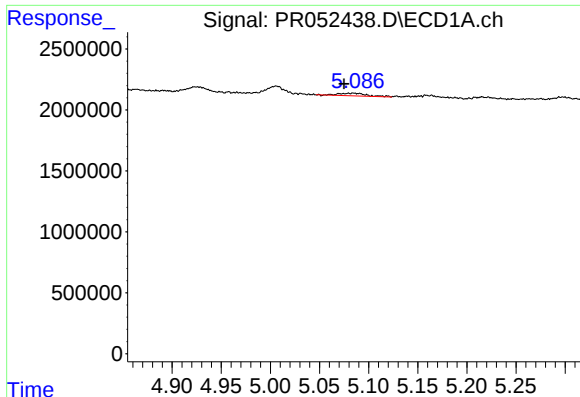
#10 AR-1221-3

R.T.: 5.080 min
Delta R.T.: 0.004 min
Response: 425658
Conc: 3.66 ng/ml



#10 AR-1221-3

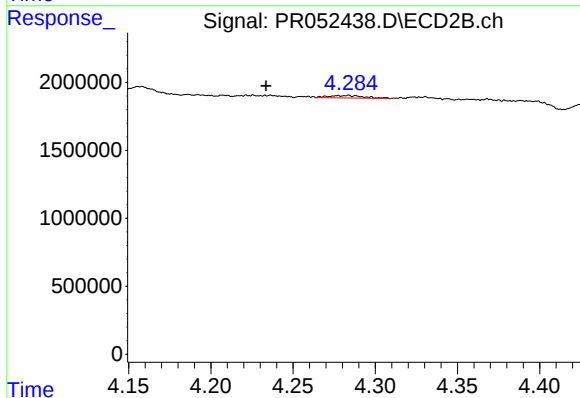
R.T.: 4.283 min
Delta R.T.: 0.049 min
Response: 262089
Conc: 3.05 ng/ml



#11 AR-1232-1

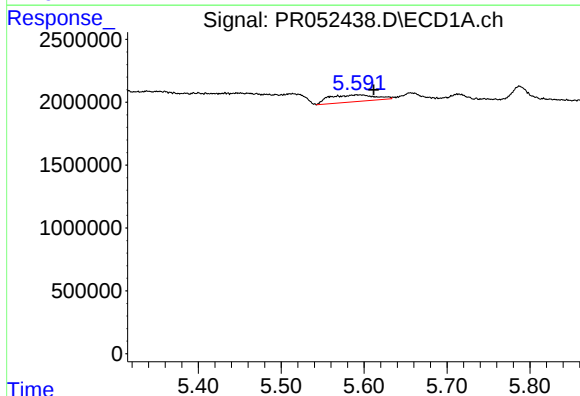
R.T.: 5.080 min
Delta R.T.: 0.005 min
Response: 425658
Conc: 5.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



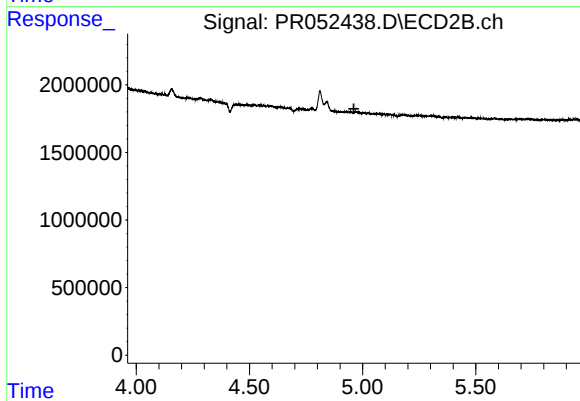
#11 AR-1232-1

R.T.: 4.283 min
Delta R.T.: 0.050 min
Response: 262089
Conc: 4.42 ng/ml



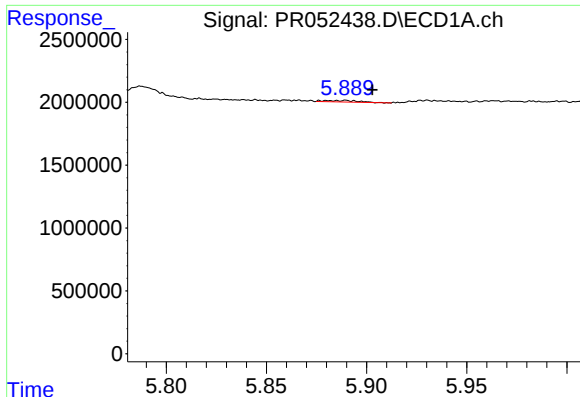
#12 AR-1232-2

R.T.: 5.591 min
Delta R.T.: -0.020 min
Response: 2114416
Conc: 52.44 ng/ml



#12 AR-1232-2

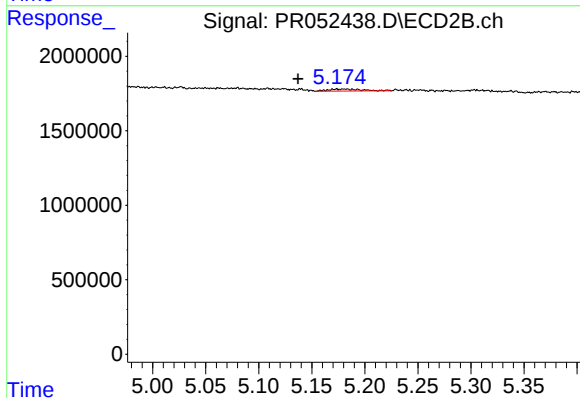
R.T.: 0.000 min
Exp R.T. : 4.962 min
Response: 0
Conc: N.D.



#13 AR-1232-3

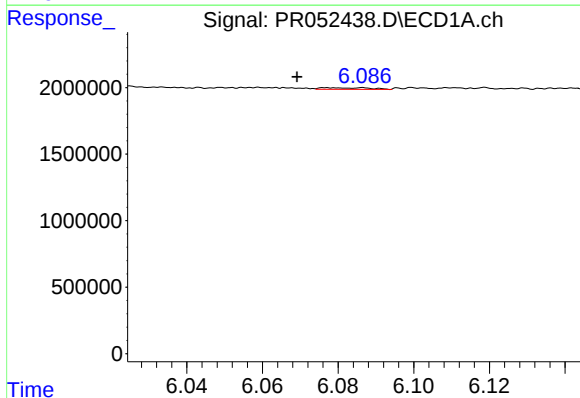
R.T.: 5.890 min
Delta R.T.: -0.013 min
Response: 142693
Conc: 1.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



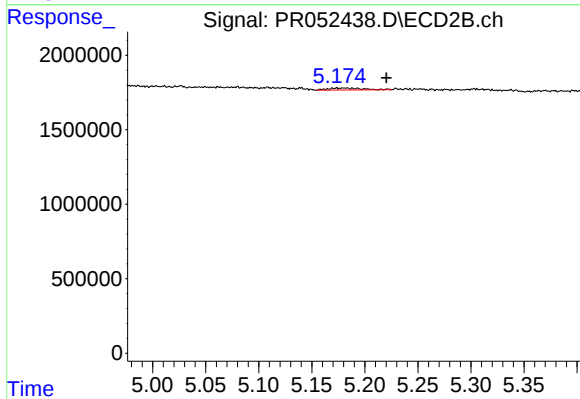
#13 AR-1232-3

R.T.: 5.188 min
Delta R.T.: 0.051 min
Response: 292724
Conc: 9.79 ng/ml



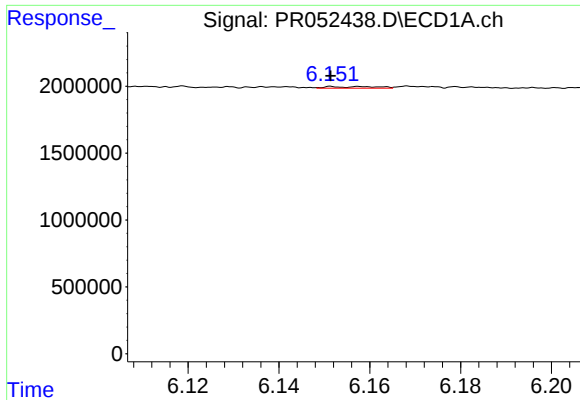
#14 AR-1232-4

R.T.: 6.078 min
Delta R.T.: 0.008 min
Response: 103651
Conc: 2.77 ng/ml



#14 AR-1232-4

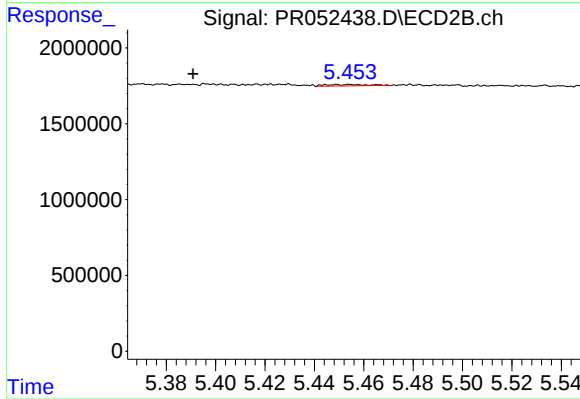
R.T.: 5.188 min
Delta R.T.: -0.032 min
Response: 292724
Conc: 11.34 ng/ml



#15 AR-1232-5

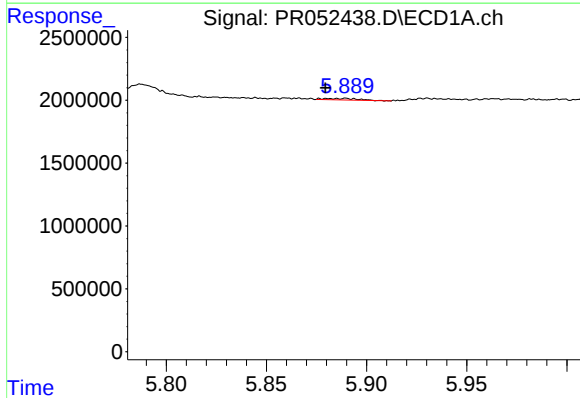
R.T.: 6.152 min
Delta R.T.: 0.000 min
Response: 94368
Conc: 3.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



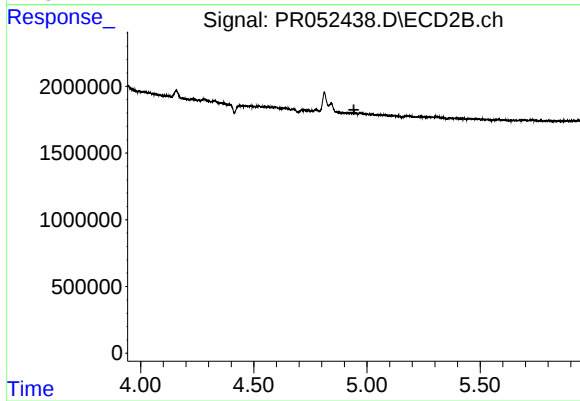
#15 AR-1232-5

R.T.: 5.449 min
Delta R.T.: 0.058 min
Response: 109391
Conc: 3.83 ng/ml



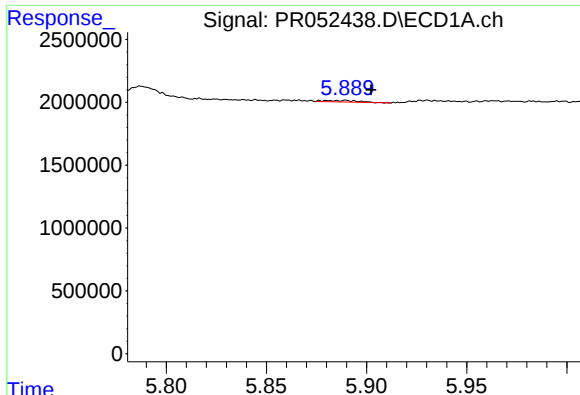
#16 AR-1242-1

R.T.: 5.890 min
Delta R.T.: 0.010 min
Response: 142693
Conc: 1.43 ng/ml



#16 AR-1242-1

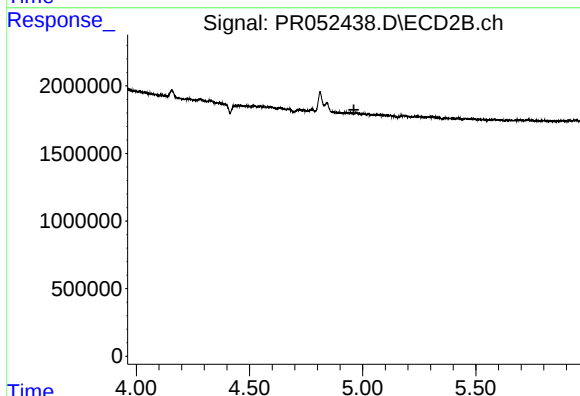
R.T.: 0.000 min
Exp R.T. : 4.942 min
Response: 0
Conc: N.D.



#17 AR-1242-2

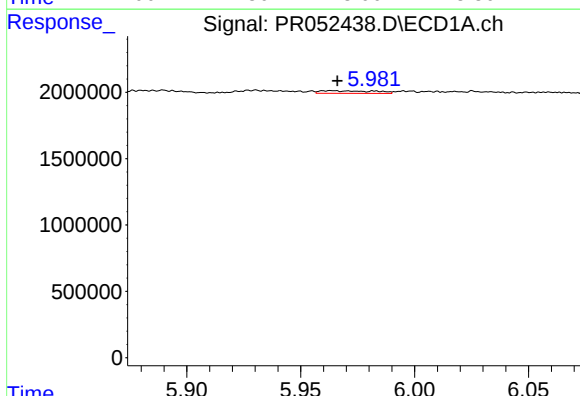
R.T.: 5.890 min
Delta R.T.: -0.013 min
Response: 142693
Conc: 1.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



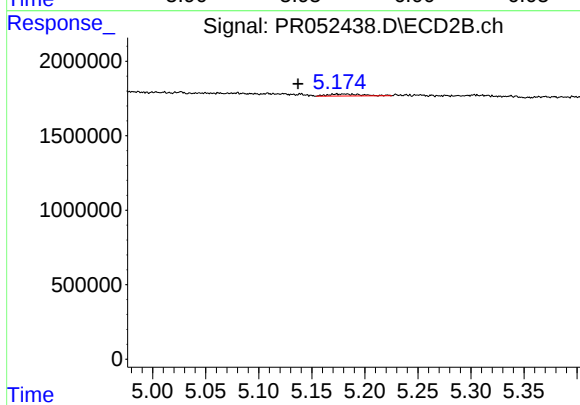
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.961 min
Response: 0
Conc: N.D.



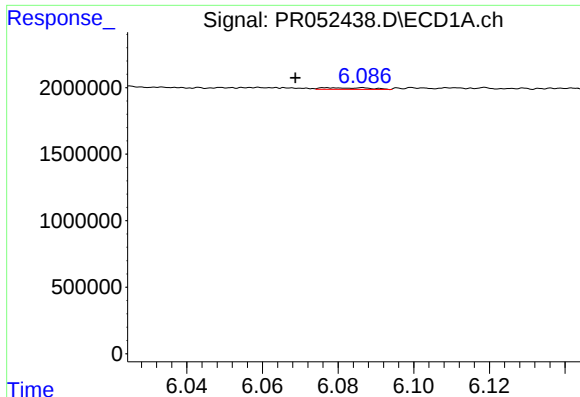
#18 AR-1242-3

R.T.: 5.964 min
Delta R.T.: -0.002 min
Response: 318457
Conc: 3.62 ng/ml



#18 AR-1242-3

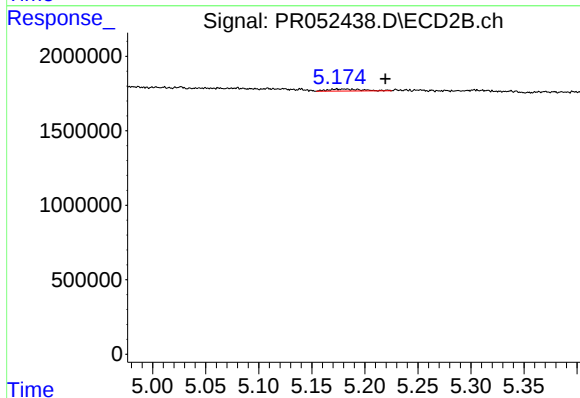
R.T.: 5.188 min
Delta R.T.: 0.051 min
Response: 292724
Conc: 5.15 ng/ml



#19 AR-1242-4

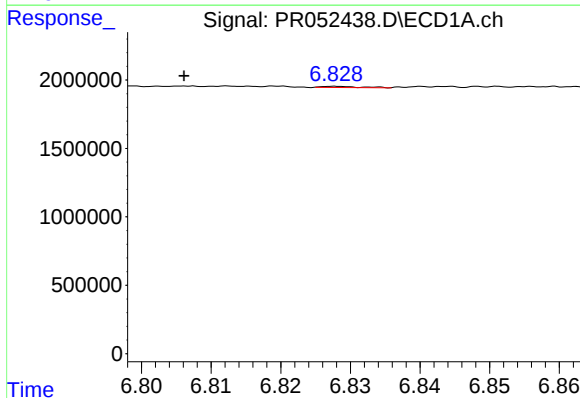
R.T.: 6.078 min
Delta R.T.: 0.009 min
Response: 103651
Conc: 1.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



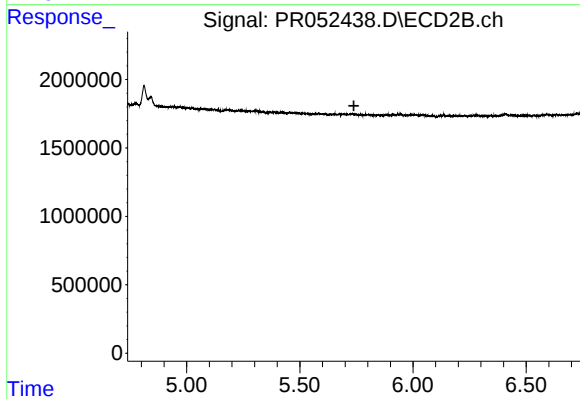
#19 AR-1242-4

R.T.: 5.188 min
Delta R.T.: -0.031 min
Response: 292724
Conc: 5.43 ng/ml



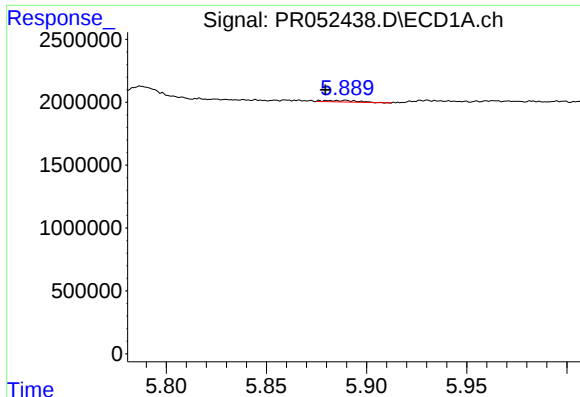
#20 AR-1242-5

R.T.: 6.828 min
Delta R.T.: 0.022 min
Response: 32080
Conc: 0.42 ng/ml



#20 AR-1242-5

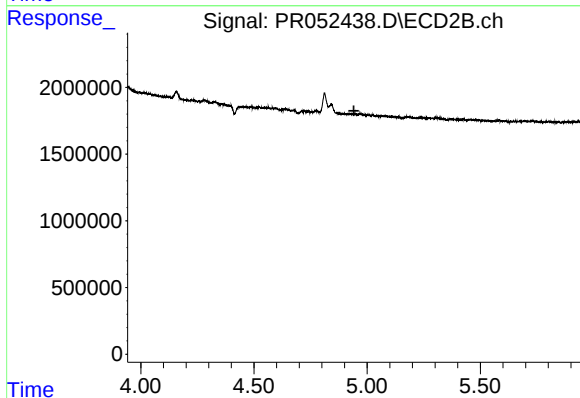
R.T.: 0.000 min
Exp R.T.: 5.739 min
Response: 0
Conc: N.D.



#21 AR-1248-1

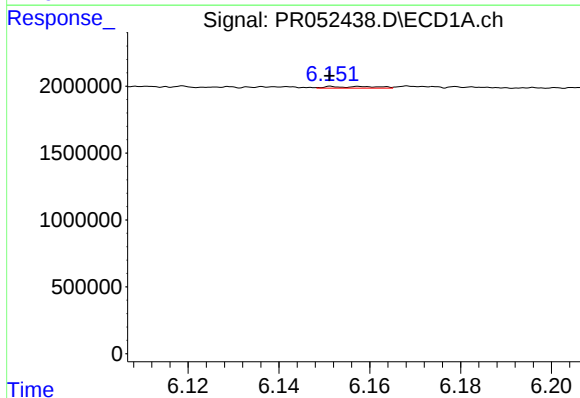
R.T.: 5.890 min
Delta R.T.: 0.010 min
Response: 142693
Conc: 1.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



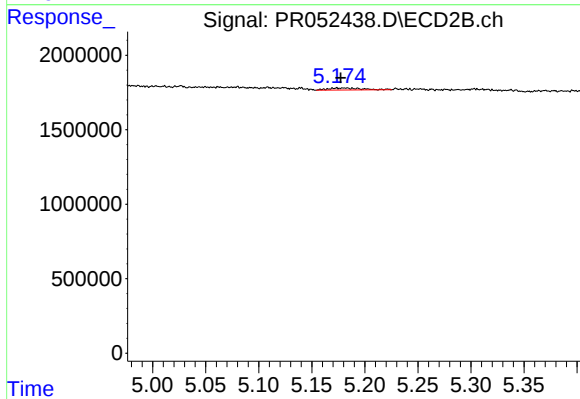
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.942 min
Response: 0
Conc: N.D.



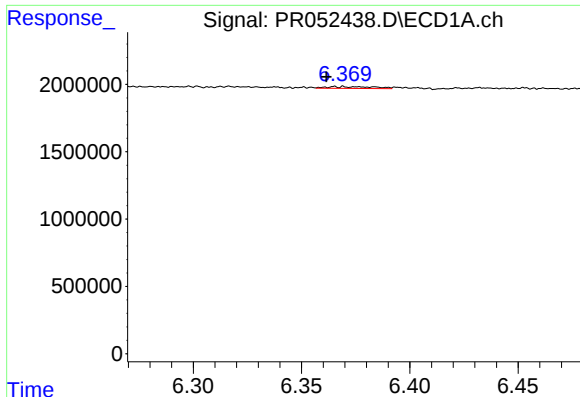
#22 AR-1248-2

R.T.: 6.152 min
Delta R.T.: 0.000 min
Response: 94368
Conc: 0.88 ng/ml



#22 AR-1248-2

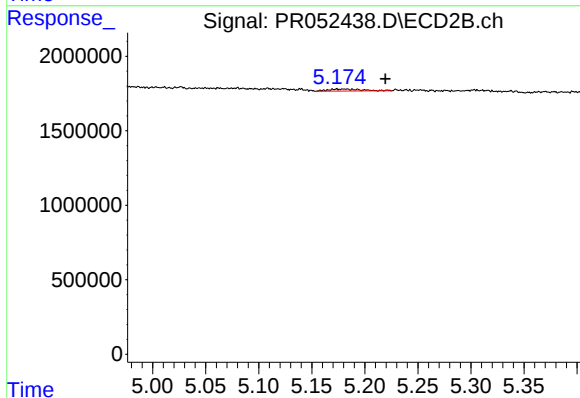
R.T.: 5.188 min
Delta R.T.: 0.011 min
Response: 292724
Conc: 4.00 ng/ml



#23 AR-1248-3

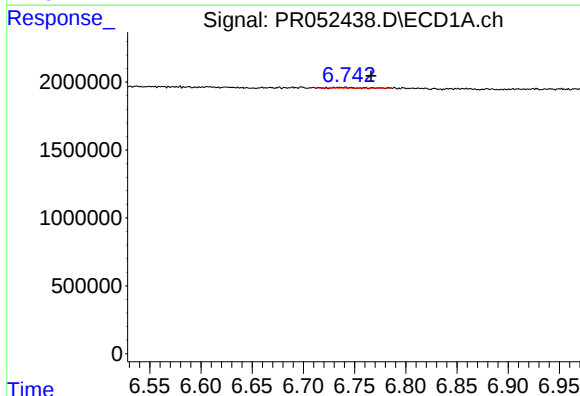
R.T.: 6.369 min
Delta R.T.: 0.008 min
Response: 210523
Conc: 1.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



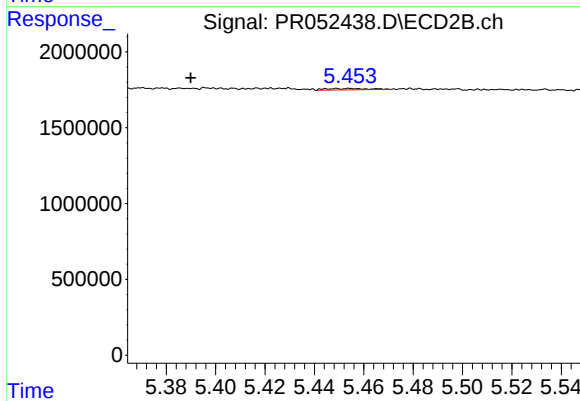
#23 AR-1248-3

R.T.: 5.188 min
Delta R.T.: -0.031 min
Response: 292724
Conc: 3.75 ng/ml



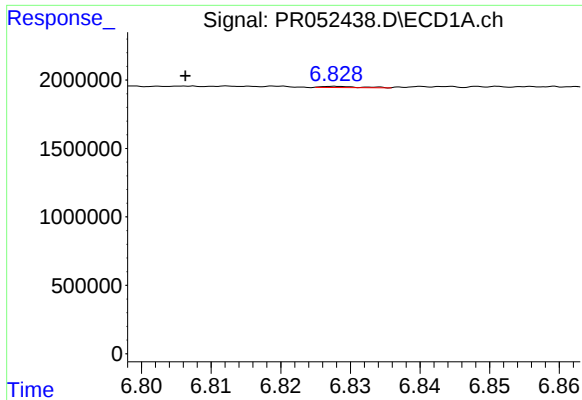
#24 AR-1248-4

R.T.: 6.736 min
Delta R.T.: -0.030 min
Response: 53119
Conc: 0.42 ng/ml



#24 AR-1248-4

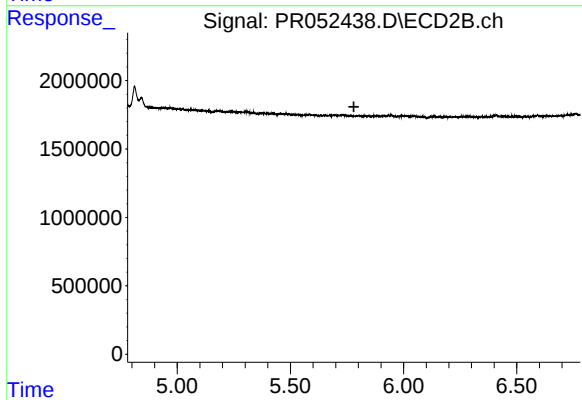
R.T.: 5.449 min
Delta R.T.: 0.059 min
Response: 109391
Conc: 1.16 ng/ml



#25 AR-1248-5

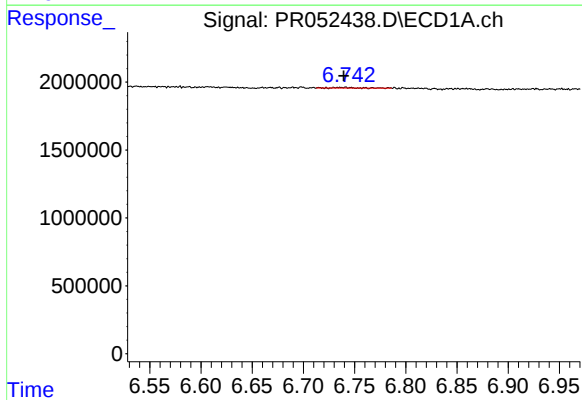
R.T.: 6.828 min
Delta R.T.: 0.022 min
Response: 32080
Conc: 0.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



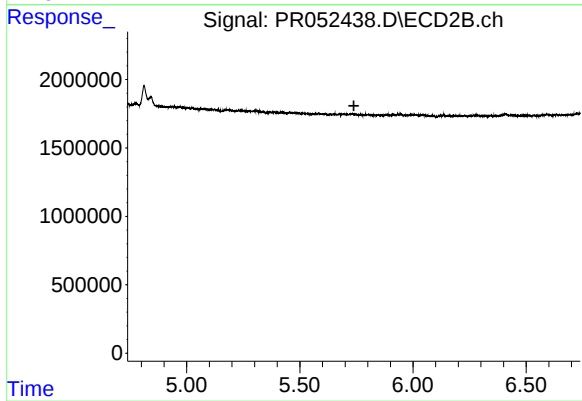
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.781 min
Response: 0
Conc: N.D.



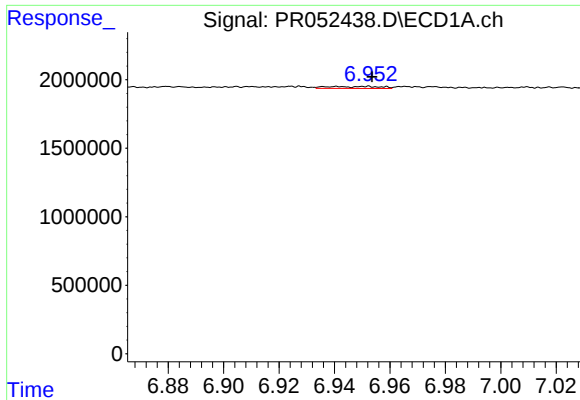
#26 AR-1254-1

R.T.: 6.736 min
Delta R.T.: -0.004 min
Response: 53119
Conc: 0.40 ng/ml



#26 AR-1254-1

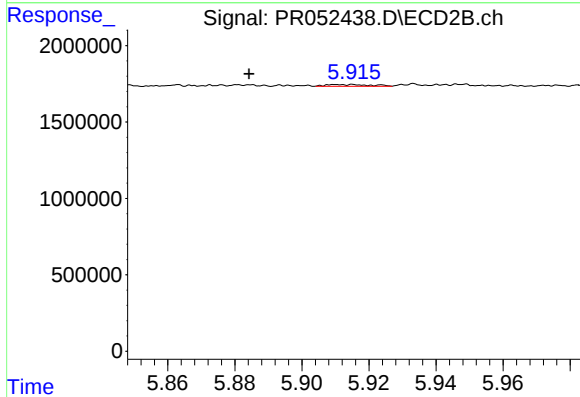
R.T.: 0.000 min
Exp R.T. : 5.739 min
Response: 0
Conc: N.D.



#27 AR-1254-2

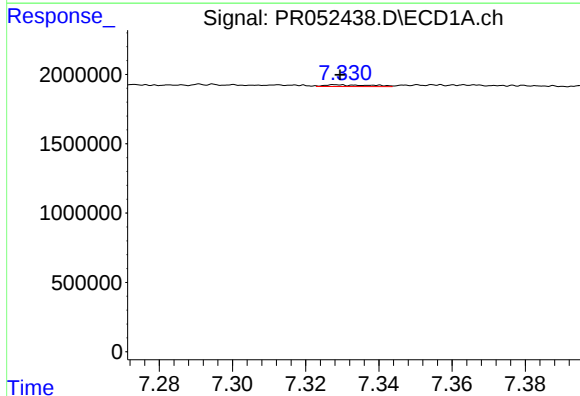
R.T.: 6.951 min
Delta R.T.: -0.002 min
Response: 198815
Conc: 0.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



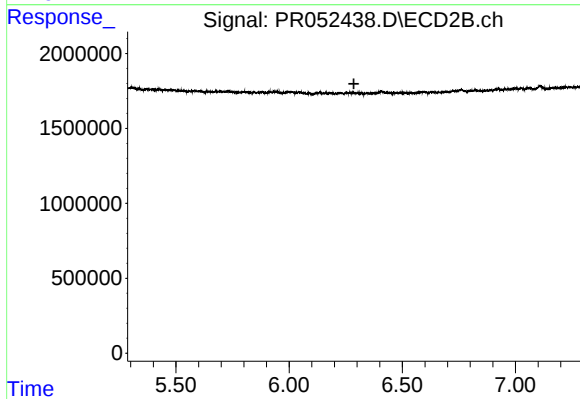
#27 AR-1254-2

R.T.: 5.915 min
Delta R.T.: 0.031 min
Response: 101467
Conc: 0.81 ng/ml



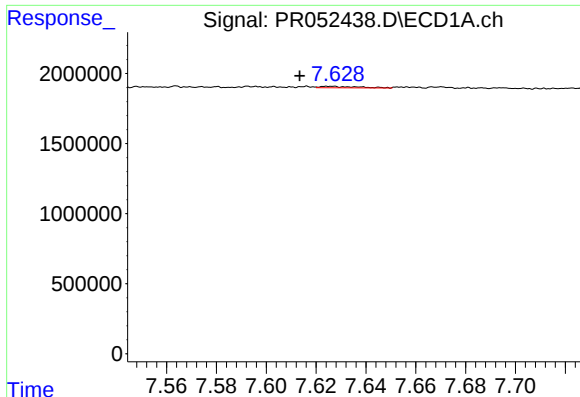
#28 AR-1254-3

R.T.: 7.329 min
Delta R.T.: 0.000 min
Response: 104003
Conc: 0.50 ng/ml



#28 AR-1254-3

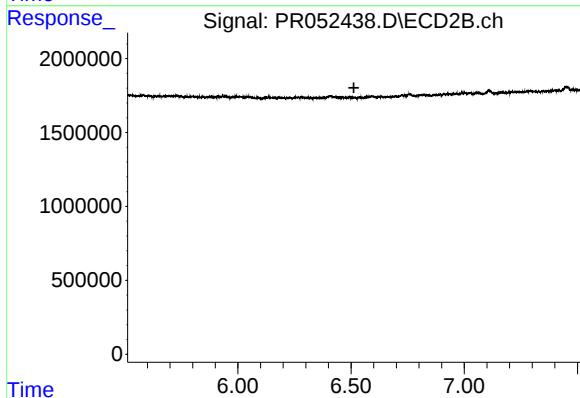
R.T.: 0.000 min
Exp R.T. : 6.286 min
Response: 0
Conc: N.D.



#29 AR-1254-4

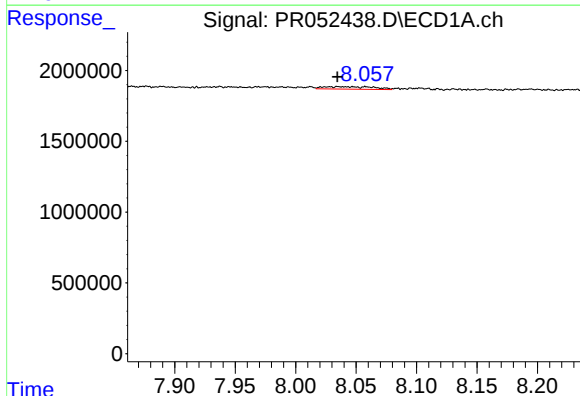
R.T.: 7.626 min
Delta R.T.: 0.012 min
Response: 105164
Conc: 0.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



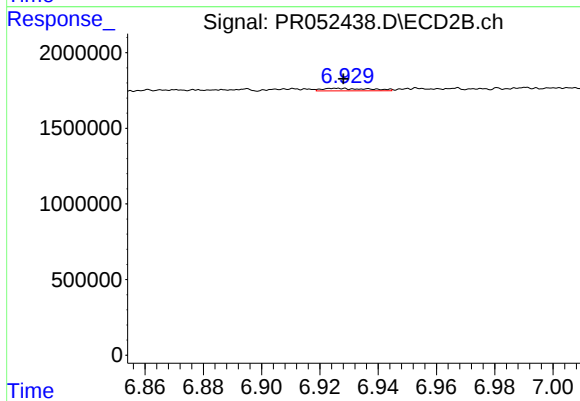
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.513 min
Response: 0
Conc: N.D.



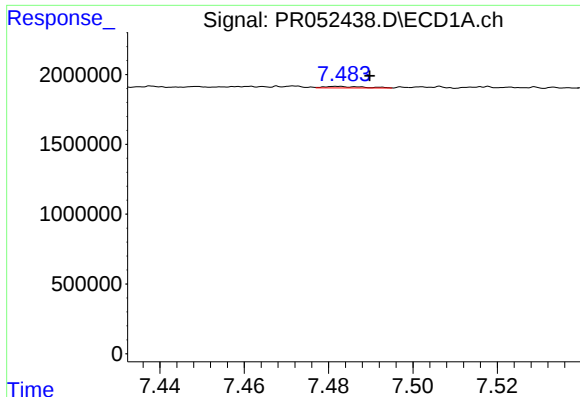
#30 AR-1254-5

R.T.: 8.048 min
Delta R.T.: 0.013 min
Response: 517172
Conc: 3.00 ng/ml



#30 AR-1254-5

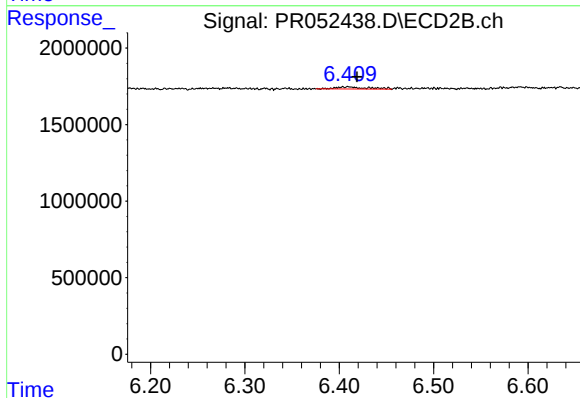
R.T.: 6.926 min
Delta R.T.: -0.002 min
Response: 188309
Conc: 1.03 ng/ml



#31 AR-1260-1

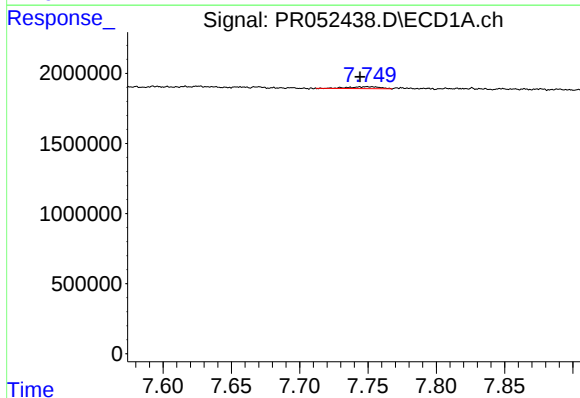
R.T.: 7.482 min
Delta R.T.: -0.007 min
Response: 76495
Conc: 0.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



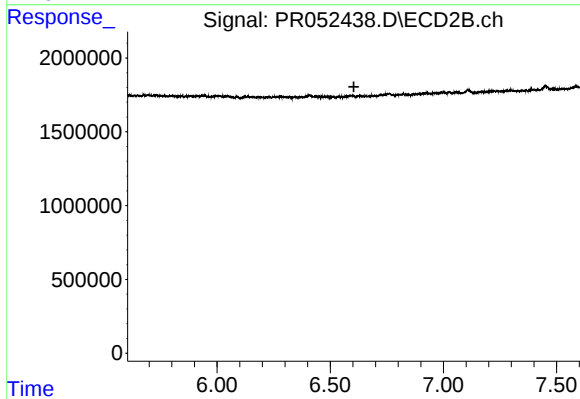
#31 AR-1260-1

R.T.: 6.404 min
Delta R.T.: -0.015 min
Response: 296765
Conc: 2.33 ng/ml



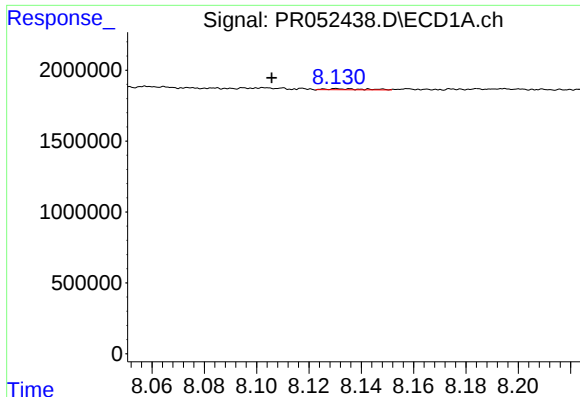
#32 AR-1260-2

R.T.: 7.749 min
Delta R.T.: 0.005 min
Response: 210997
Conc: 1.18 ng/ml



#32 AR-1260-2

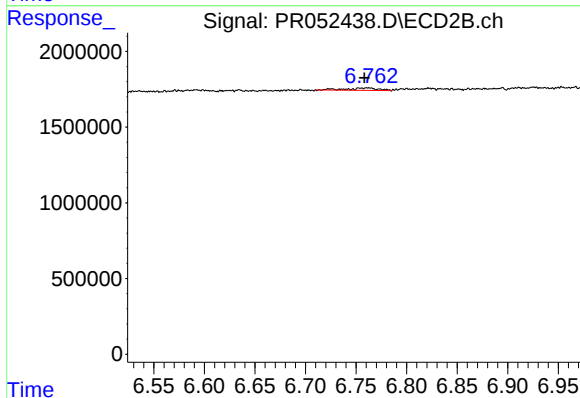
R.T.: 0.000 min
Exp R.T. : 6.605 min
Response: 0
Conc: N.D.



#33 AR-1260-3

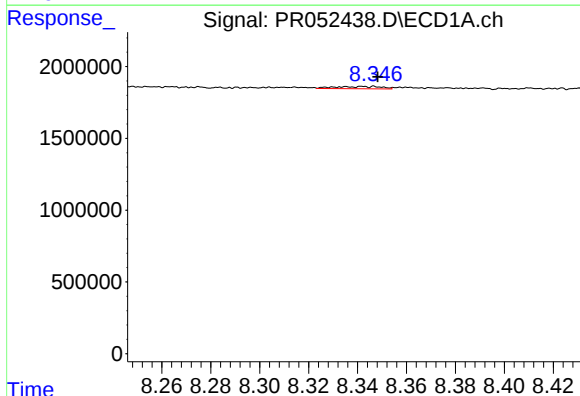
R.T.: 8.131 min
Delta R.T.: 0.025 min
Response: 83323
Conc: 0.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



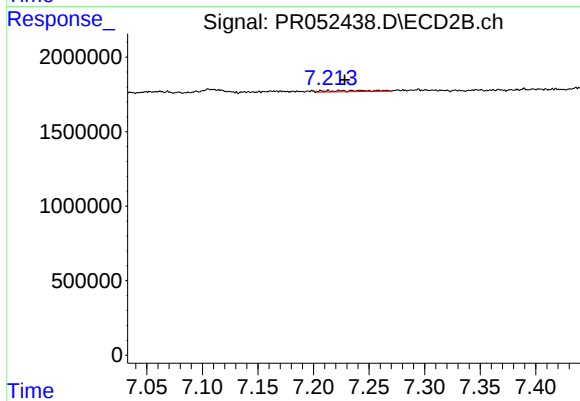
#33 AR-1260-3

R.T.: 6.761 min
Delta R.T.: 0.003 min
Response: 349992
Conc: 2.36 ng/ml



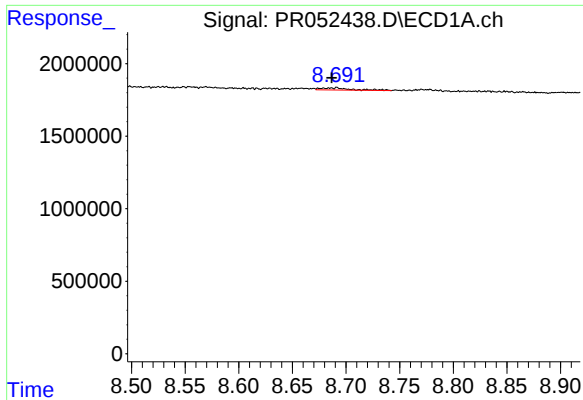
#34 AR-1260-4

R.T.: 8.347 min
Delta R.T.: -0.001 min
Response: 209684
Conc: 1.27 ng/ml



#34 AR-1260-4

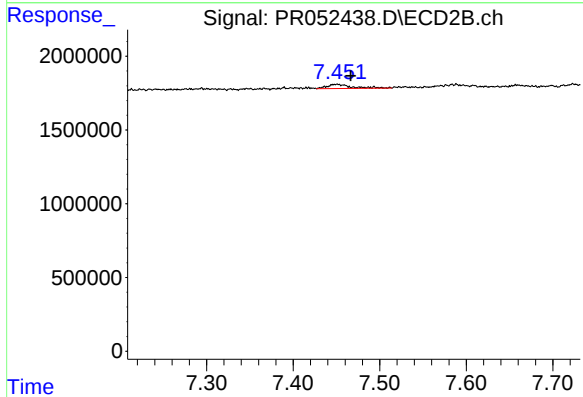
R.T.: 7.213 min
Delta R.T.: -0.015 min
Response: 202110
Conc: 1.67 ng/ml



#35 AR-1260-5

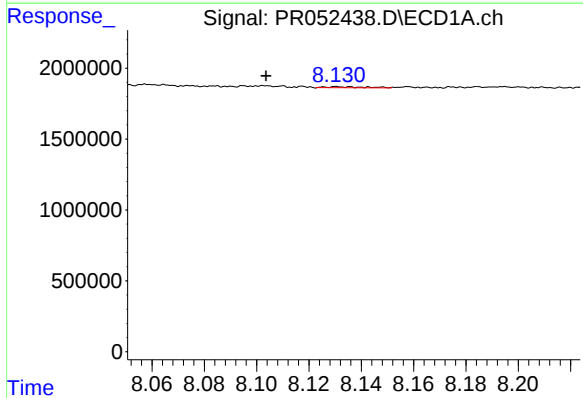
R.T.: 8.692 min
Delta R.T.: 0.005 min
Response: 285216
Conc: 0.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



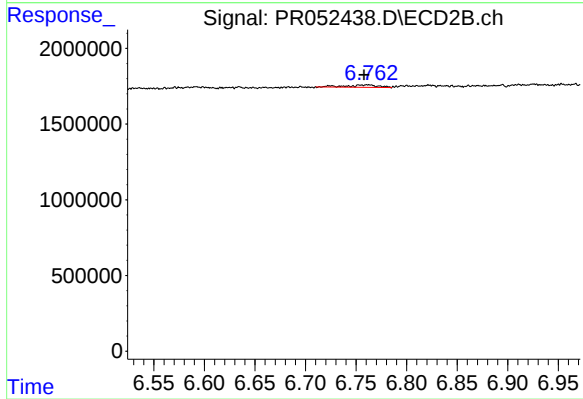
#35 AR-1260-5

R.T.: 7.451 min
Delta R.T.: -0.015 min
Response: 552173
Conc: 1.78 ng/ml



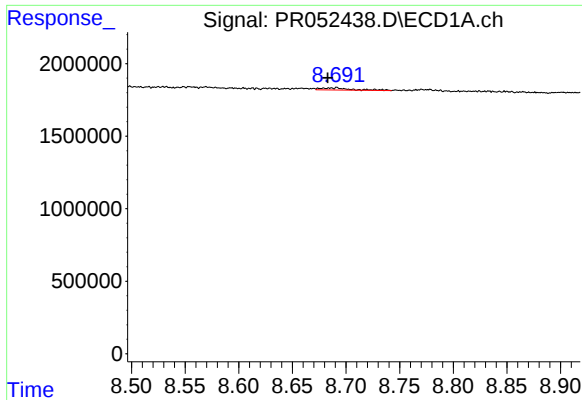
#36 AR-1262-1

R.T.: 8.131 min
Delta R.T.: 0.027 min
Response: 83323
Conc: 0.40 ng/ml



#36 AR-1262-1

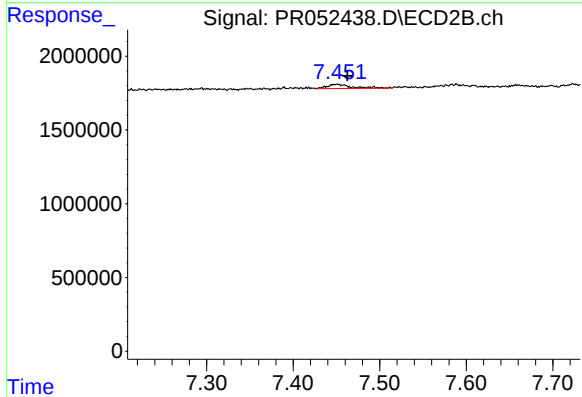
R.T.: 6.761 min
Delta R.T.: 0.003 min
Response: 349992
Conc: 2.77 ng/ml



#37 AR-1262-2

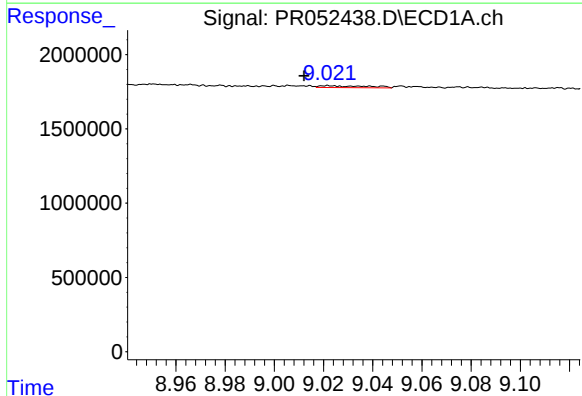
R.T.: 8.692 min
Delta R.T.: 0.009 min
Response: 285216
Conc: 0.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



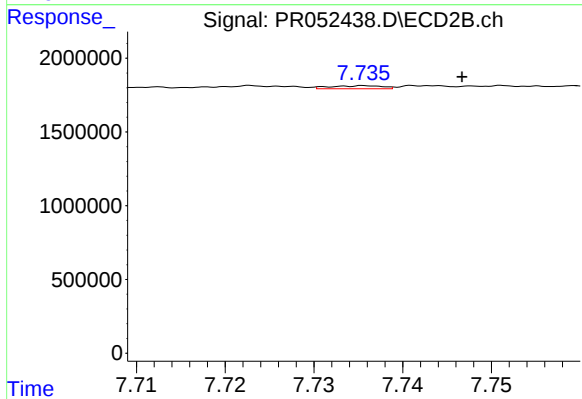
#37 AR-1262-2

R.T.: 7.451 min
Delta R.T.: -0.012 min
Response: 552173
Conc: 1.62 ng/ml



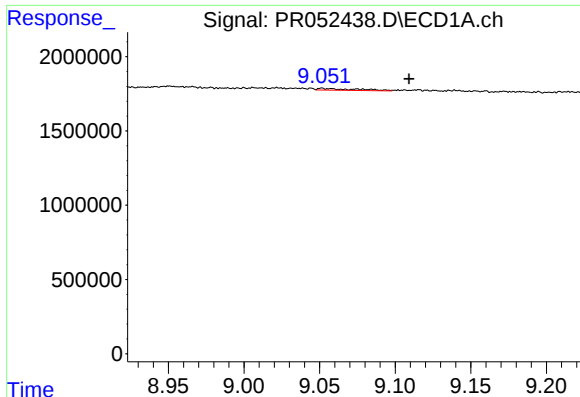
#38 AR-1262-3

R.T.: 9.022 min
Delta R.T.: 0.010 min
Response: 175199
Conc: 1.03 ng/ml



#38 AR-1262-3

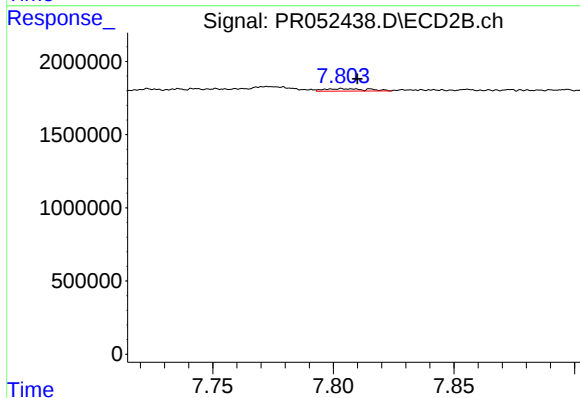
R.T.: 7.736 min
Delta R.T.: -0.011 min
Response: 80799
Conc: 0.58 ng/ml



#39 AR-1262-4

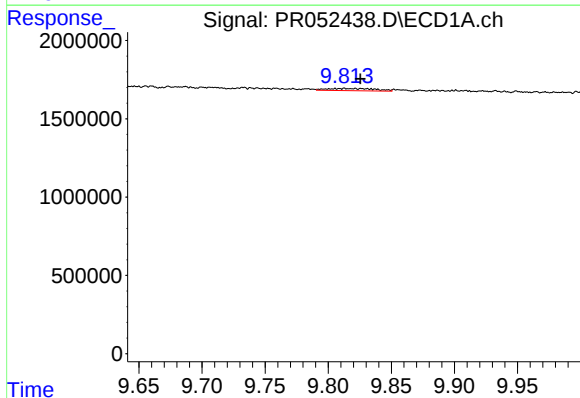
R.T.: 9.052 min
Delta R.T.: -0.058 min
Response: 226582
Conc: 1.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



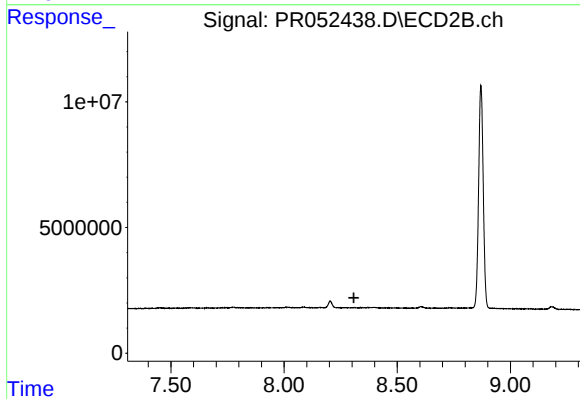
#39 AR-1262-4

R.T.: 7.804 min
Delta R.T.: -0.006 min
Response: 198133
Conc: 0.74 ng/ml



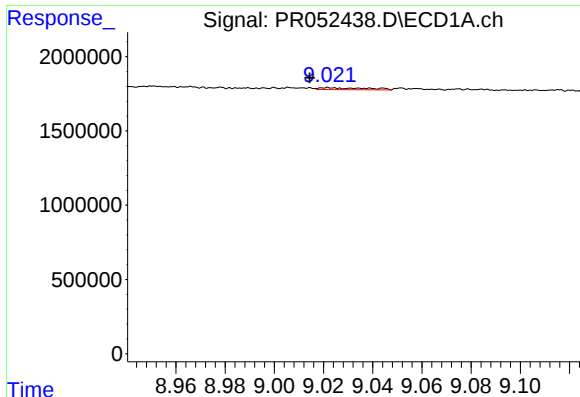
#40 AR-1262-5

R.T.: 9.813 min
Delta R.T.: -0.012 min
Response: 378152
Conc: 2.55 ng/ml



#40 AR-1262-5

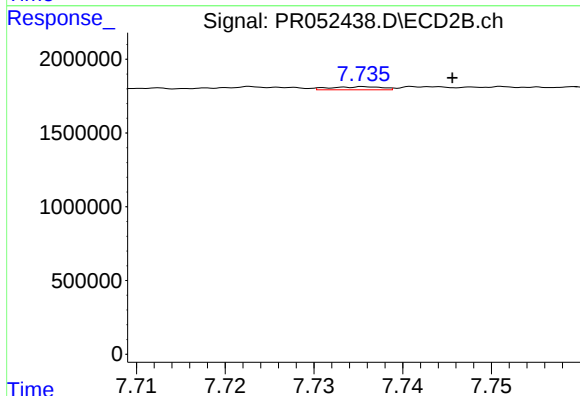
R.T.: 0.000 min
Exp R.T. : 8.308 min
Response: 0
Conc: N.D.



#41 AR-1268-1

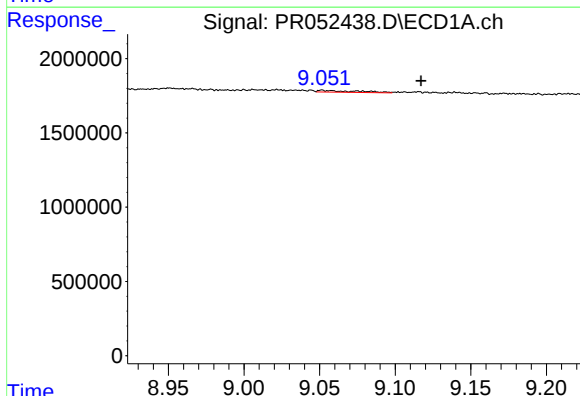
R.T.: 9.022 min
Delta R.T.: 0.008 min
Response: 175199
Conc: 0.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



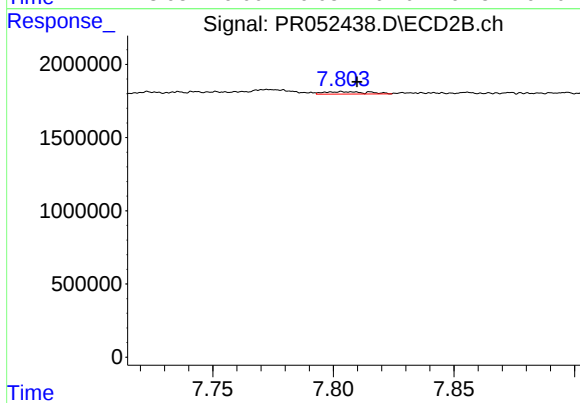
#41 AR-1268-1

R.T.: 7.736 min
Delta R.T.: -0.010 min
Response: 80799
Conc: 0.20 ng/ml



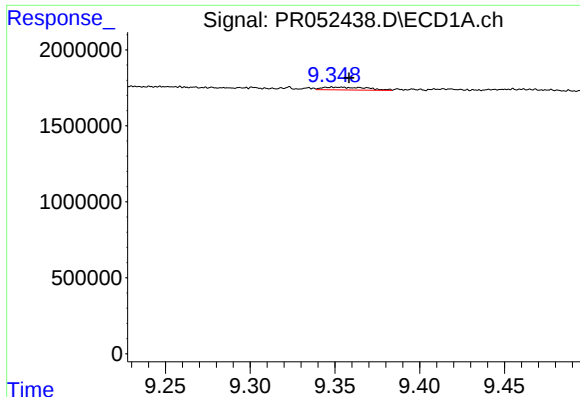
#42 AR-1268-2

R.T.: 9.052 min
Delta R.T.: -0.065 min
Response: 226582
Conc: 0.56 ng/ml



#42 AR-1268-2

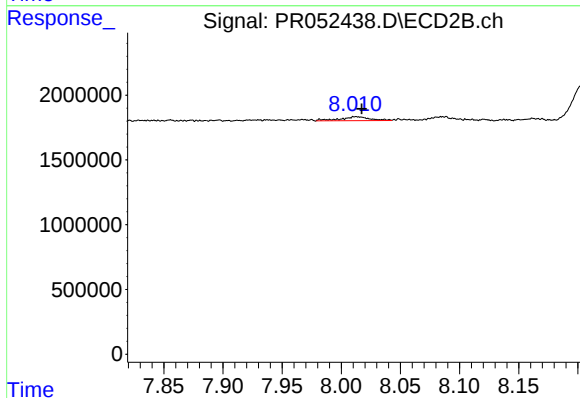
R.T.: 7.804 min
Delta R.T.: -0.006 min
Response: 198133
Conc: 0.51 ng/ml



#43 AR-1268-3

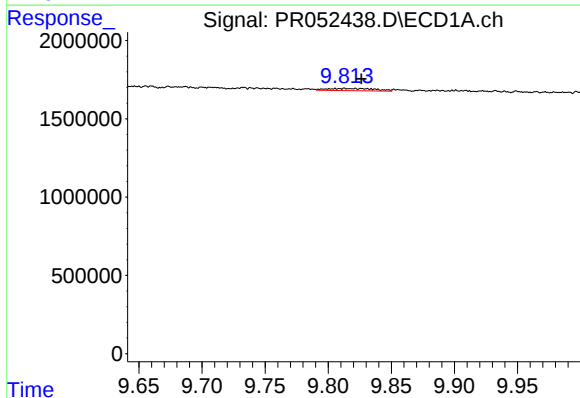
R.T.: 9.349 min
Delta R.T.: -0.009 min
Response: 335409
Conc: 0.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



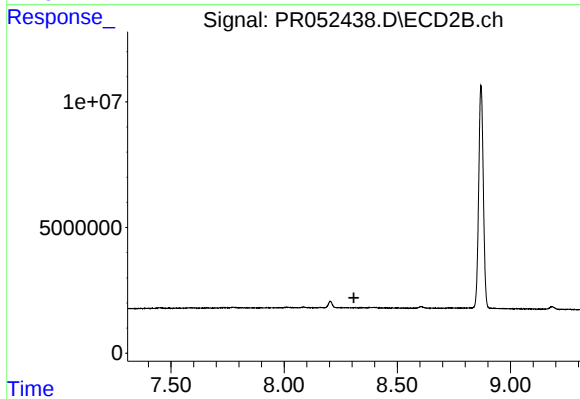
#43 AR-1268-3

R.T.: 8.012 min
Delta R.T.: -0.005 min
Response: 534966
Conc: 1.57 ng/ml



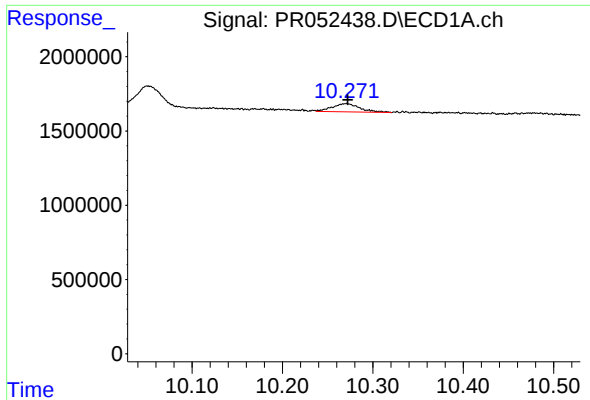
#44 AR-1268-4

R.T.: 9.813 min
Delta R.T.: -0.013 min
Response: 378152
Conc: 2.32 ng/ml



#44 AR-1268-4

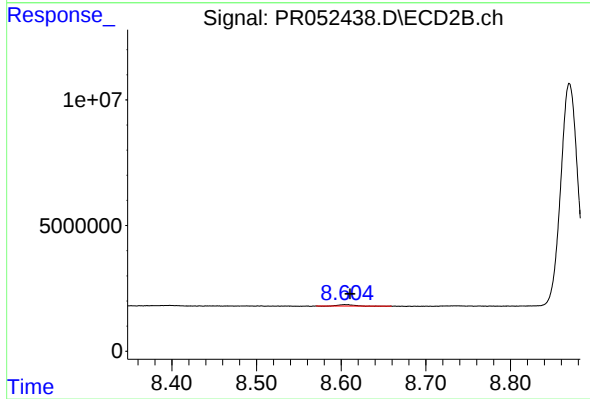
R.T.: 0.000 min
Exp R.T.: 8.308 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.271 min
Delta R.T.: -0.001 min
Response: 1178324
Conc: 1.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.605 min
Delta R.T.: -0.005 min
Response: 742041
Conc: 0.63 ng/ml