

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072922\
 Data File : PR055553.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2022 13:25
 Operator : AJ\MA
 Sample : N3790-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 02:54:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072722CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 27 04:49:23 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...	3.636	2.907	81844030	38096213	19.980	20.259
2)	SA Decachlor...	9.533	8.129	49356703	51258686	31.530	31.059
Target Compounds							
3)	L1 AR-1016-1	4.807f	4.010	3044052	851082	27.890	13.431 #
4)	L1 AR-1016-2	4.920f	4.049	6200855	529593	40.062	5.996 #
5)	L1 AR-1016-3	4.955	4.178	1669177	130422	17.603	2.775 #
6)	L1 AR-1016-4	5.039	4.254	280552	110422	3.710	2.949
7)	L1 AR-1016-5	5.344	4.536f	1173801	103141	16.815	2.172 #
8)	L2 AR-1221-1	3.844	3.128	21901148	182136	468.239	8.341 #
9)	L2 AR-1221-2	3.948	3.151f	1249401	12988	38.851	0.849 #
10)	L2 AR-1221-3	0.000	3.294	0	75973	N.D.	1.481 #
11)	L3 AR-1232-1	0.000	3.294	0	75973	N.D.	1.774 #
12)	L3 AR-1232-2	4.570	4.049	3082101	529593	71.392	13.169 #
13)	L3 AR-1232-3	4.920f	4.178	6200855	130422	87.178	6.208 #
14)	L3 AR-1232-4	5.039	4.315	280552	247282	8.068	13.545 #
15)	L3 AR-1232-5	5.130	4.536f	323416	103141	12.950	5.068 #
16)	L4 AR-1242-1	4.807f	4.010	3044052	851082	32.658	15.151 #
17)	L4 AR-1242-2	4.920f	4.049	6200855	529593	46.274	6.833 #
18)	L4 AR-1242-3	4.955	4.178	1669177	130422	20.194	3.127 #
19)	L4 AR-1242-4	5.039	4.315	280552	247282	4.278	6.393 #
20)	L4 AR-1242-5	5.842	4.866	152307	1312815	2.637	25.489 #
21)	L5 AR-1248-1	4.807f	4.010	3044052	851082	43.436	20.595 #
22)	L5 AR-1248-2	5.130	4.254	323416	110422	3.665	1.966 #
23)	L5 AR-1248-3	5.344	4.315	1173801	247282	11.869	4.318 #
24)	L5 AR-1248-4	5.783	4.536f	906241	103141	9.444	1.486 #
25)	L5 AR-1248-5	5.842	4.891	152307	230811	1.631	3.247 #
26)	L6 AR-1254-1	5.783	4.866	906241	1312815	9.343	12.679 #
27)	L6 AR-1254-2	5.999	5.001	1880660	471349	13.530	5.241 #
28)	L6 AR-1254-3	6.408	5.418	719283	403143	5.192	2.760 #
29)	L6 AR-1254-4	6.730	5.675	259511	547642	2.565	5.875 #
30)	L6 AR-1254-5	7.185	6.108	855905	884113	8.187	6.672
31)	L7 AR-1260-1	6.603	5.555	1137328	577328	12.679	6.734 #
32)	L7 AR-1260-2	6.846	5.784	1963515	614484	18.890	5.878 #
33)	L7 AR-1260-3	7.222	5.921	102570	77162	1.304	0.787 #
34)	L7 AR-1260-4	7.513	6.426	286085	162383	3.145	1.904 #
35)	L7 AR-1260-5	7.826	6.700	1476435	703028	8.545	3.424 #
36)	L8 AR-1262-1	7.222	6.108f	102570	884113	0.817	6.575 #
37)	L8 AR-1262-2	7.826	6.700	1476435	703028	6.710	2.866 #
38)	L8 AR-1262-3	8.140	6.996	271297	850297	1.780	8.603 #
39)	L8 AR-1262-4	8.217	7.059	379484	556673	5.031	3.031 #
40)	L8 AR-1262-5	8.784f	7.591	668121	108903	7.976	1.214 #
41)	L9 AR-1268-1	8.140	6.996	271297	850297	1.072	3.008 #

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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.217	7.059	379484	556673	1.625	2.184 #
43) L9	AR-1268-3	8.430	7.278	353309	318312	1.805	1.468
44) L9	AR-1268-4	8.784f	7.591	668121	108903	7.263	1.102 #
45) L9	AR-1268-5	9.226	7.892	977678	484026	1.539	0.693 #

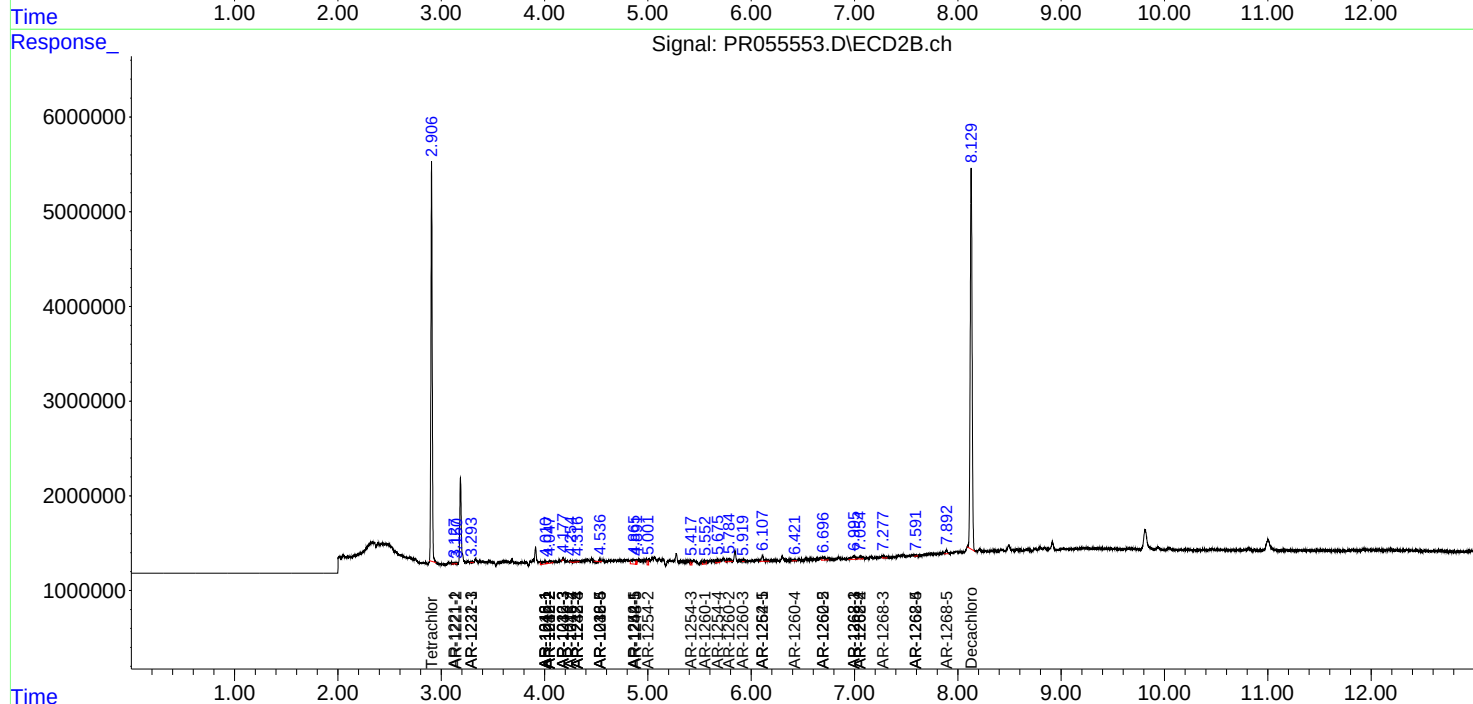
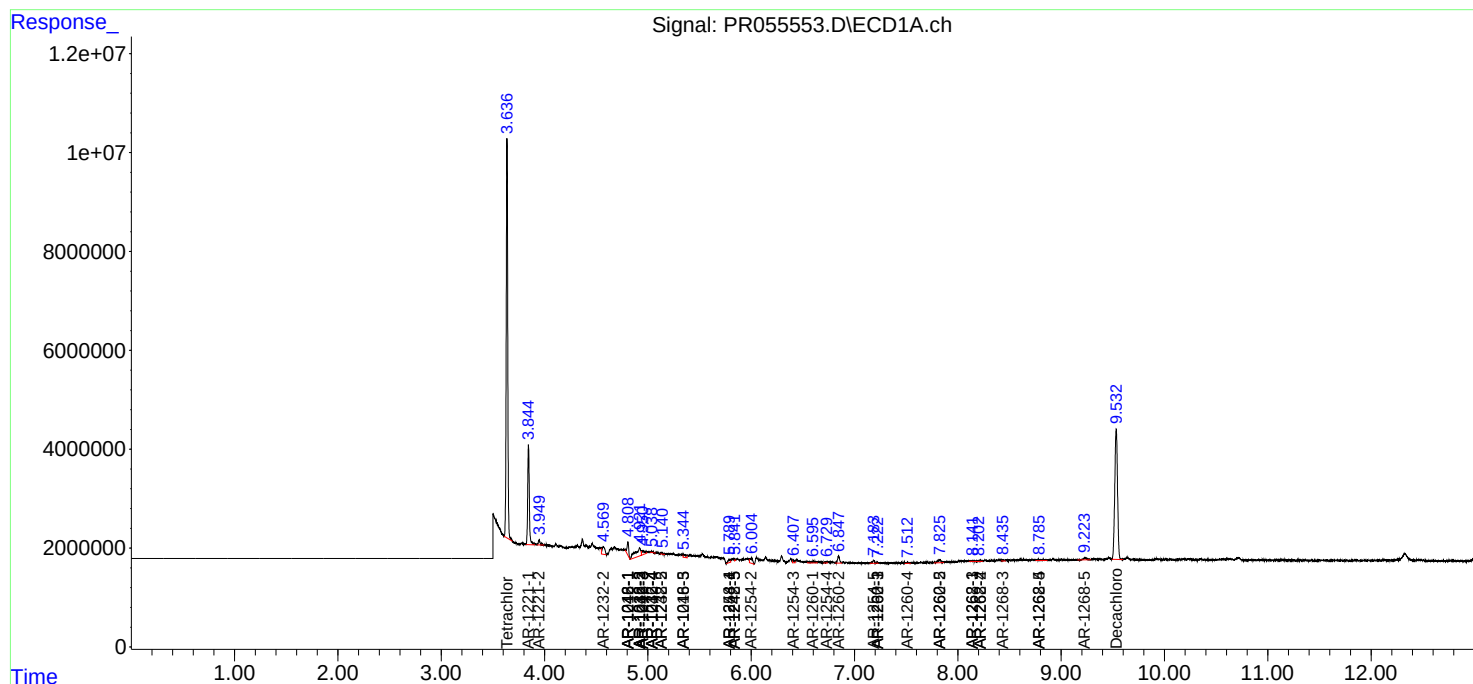
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

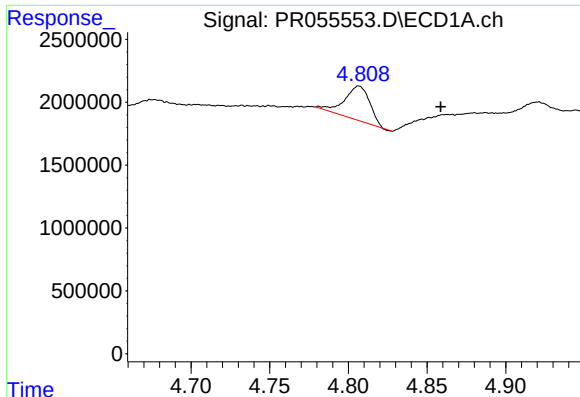
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

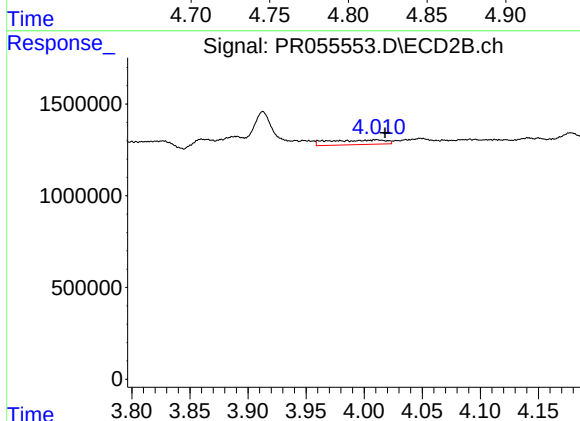




#3 AR-1016-1

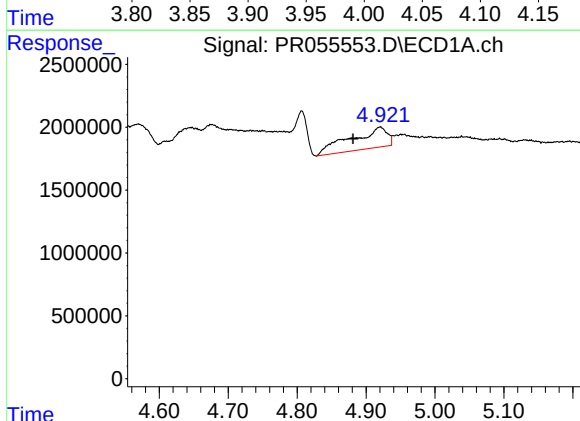
R.T.: 4.807 min
Delta R.T.: -0.052 min
Response: 3044052
Conc: 27.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



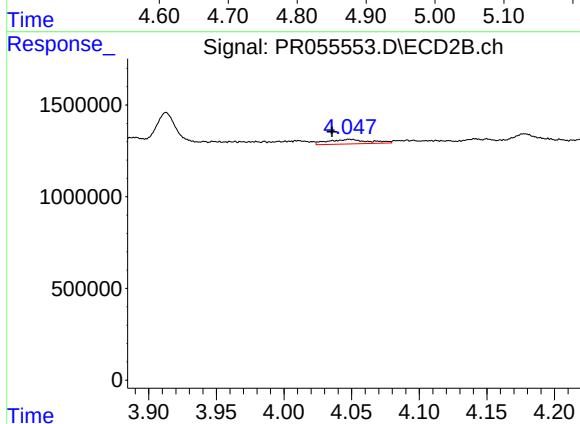
#3 AR-1016-1

R.T.: 4.010 min
Delta R.T.: -0.008 min
Response: 851082
Conc: 13.43 ng/ml



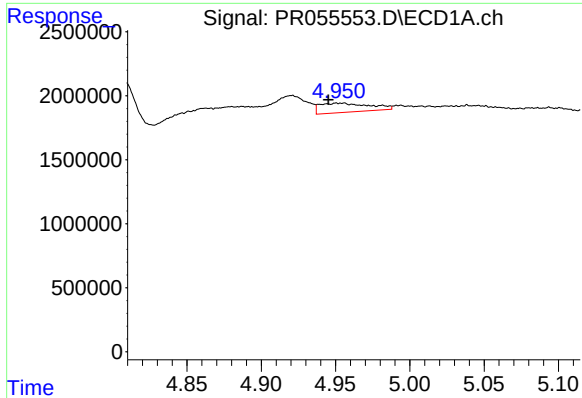
#4 AR-1016-2

R.T.: 4.920 min
Delta R.T.: 0.040 min
Response: 6200855
Conc: 40.06 ng/ml



#4 AR-1016-2

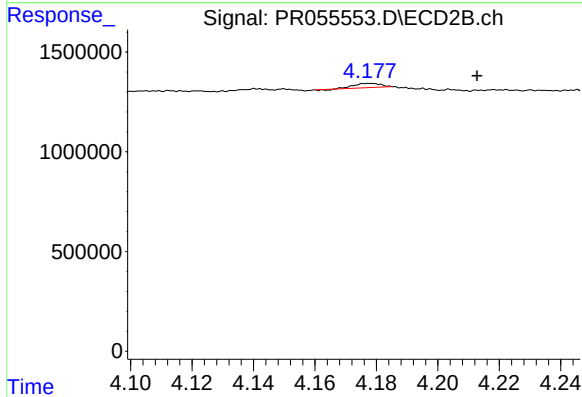
R.T.: 4.049 min
Delta R.T.: 0.013 min
Response: 529593
Conc: 6.00 ng/ml



#5 AR-1016-3

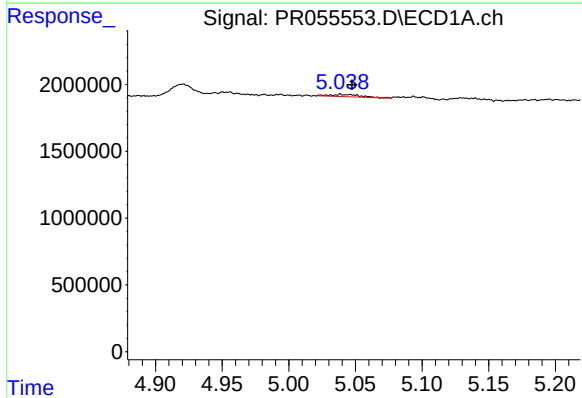
R.T.: 4.955 min
Delta R.T.: 0.010 min
Response: 1669177
Conc: 17.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



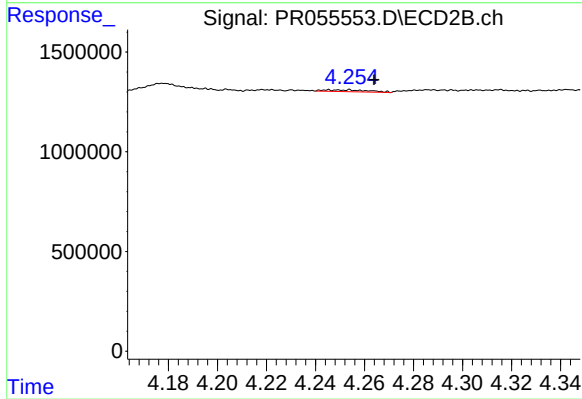
#5 AR-1016-3

R.T.: 4.178 min
Delta R.T.: -0.035 min
Response: 130422
Conc: 2.77 ng/ml



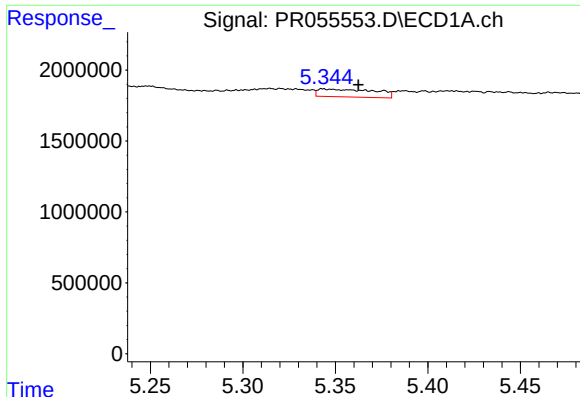
#6 AR-1016-4

R.T.: 5.039 min
Delta R.T.: -0.009 min
Response: 280552
Conc: 3.71 ng/ml



#6 AR-1016-4

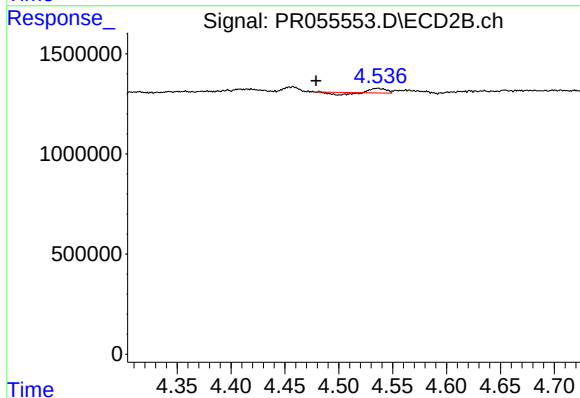
R.T.: 4.254 min
Delta R.T.: -0.010 min
Response: 110422
Conc: 2.95 ng/ml



#7 AR-1016-5

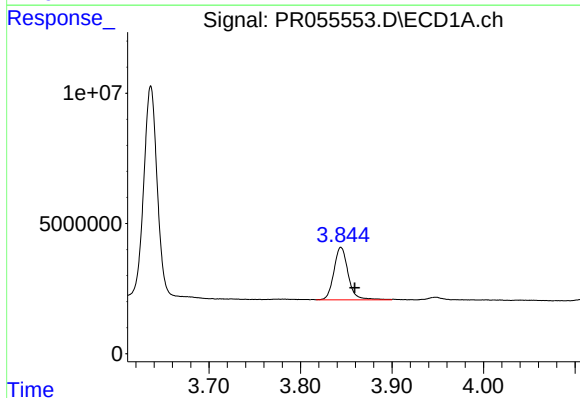
R.T.: 5.344 min
Delta R.T.: -0.019 min
Response: 1173801
Conc: 16.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



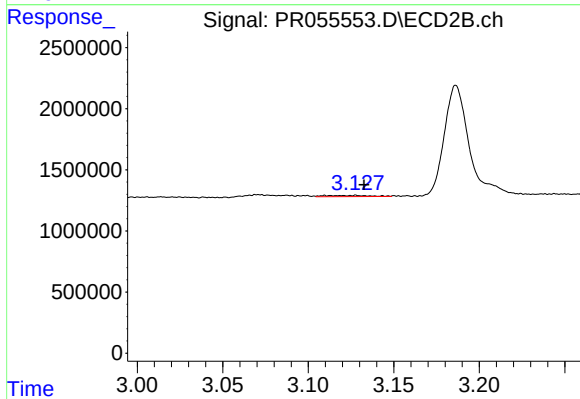
#7 AR-1016-5

R.T.: 4.536 min
Delta R.T.: 0.057 min
Response: 103141
Conc: 2.17 ng/ml



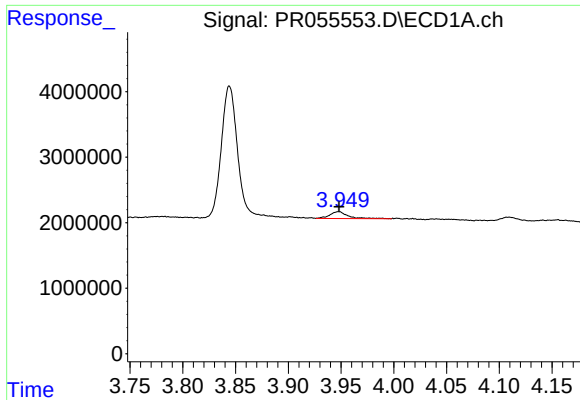
#8 AR-1221-1

R.T.: 3.844 min
Delta R.T.: -0.015 min
Response: 21901148
Conc: 468.24 ng/ml



#8 AR-1221-1

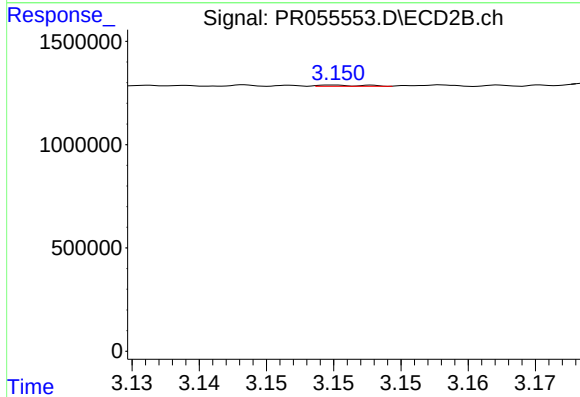
R.T.: 3.128 min
Delta R.T.: -0.005 min
Response: 182136
Conc: 8.34 ng/ml



#9 AR-1221-2

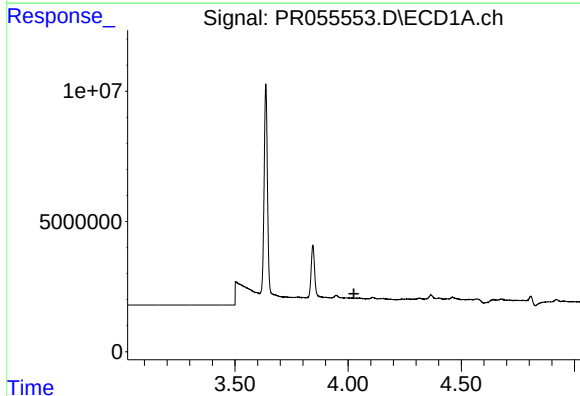
R.T.: 3.948 min
Delta R.T.: 0.000 min
Response: 1249401
Conc: 38.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



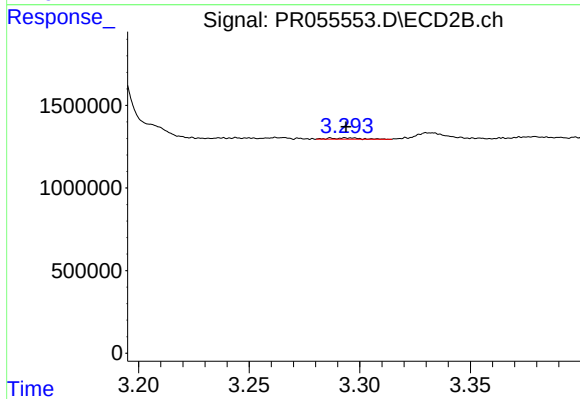
#9 AR-1221-2

R.T.: 3.151 min
Delta R.T.: -0.068 min
Response: 12988
Conc: 0.85 ng/ml



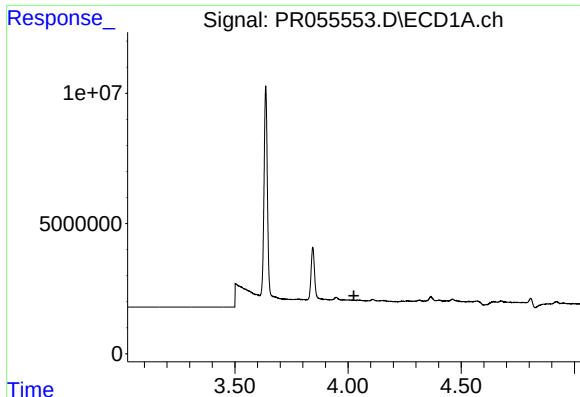
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.025 min
Response: 0
Conc: N.D.



#10 AR-1221-3

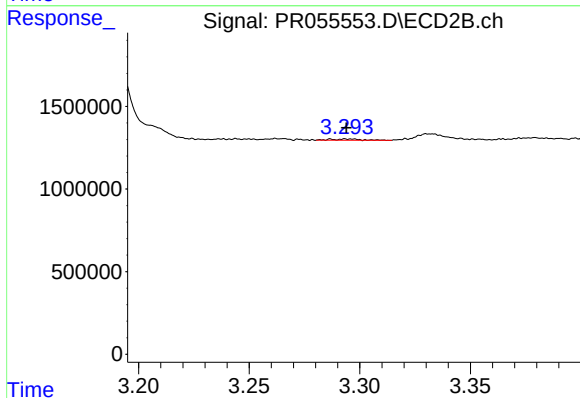
R.T.: 3.294 min
Delta R.T.: 0.000 min
Response: 75973
Conc: 1.48 ng/ml



#11 AR-1232-1

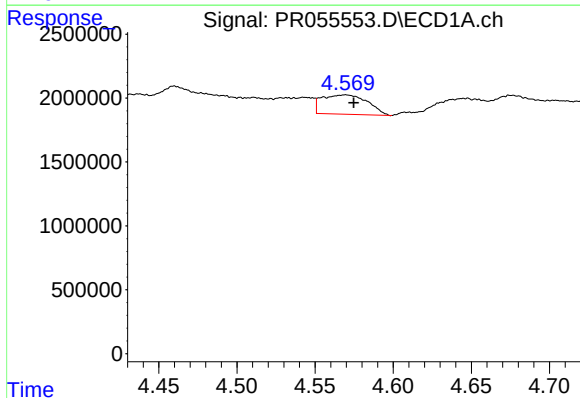
R.T.: 0.000 min
Exp R.T.: 4.026 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



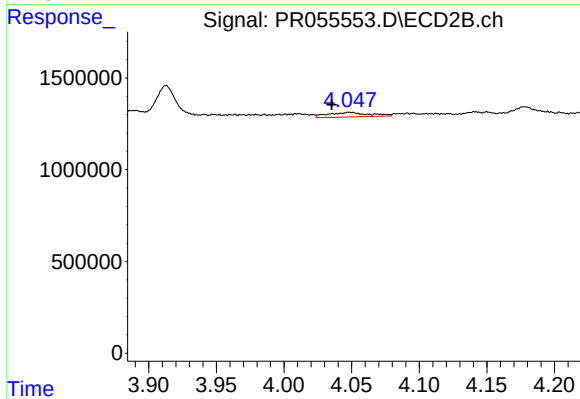
#11 AR-1232-1

R.T.: 3.294 min
Delta R.T.: 0.000 min
Response: 75973
Conc: 1.77 ng/ml



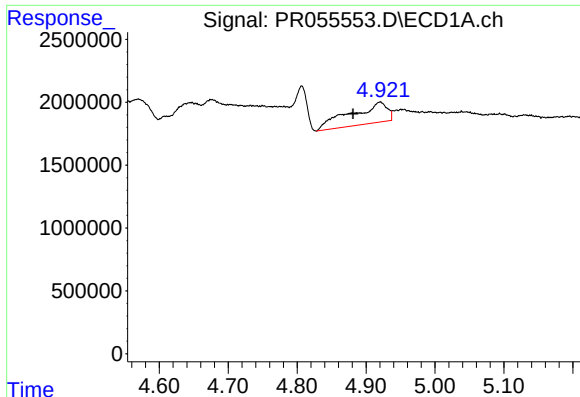
#12 AR-1232-2

R.T.: 4.570 min
Delta R.T.: -0.005 min
Response: 3082101
Conc: 71.39 ng/ml



#12 AR-1232-2

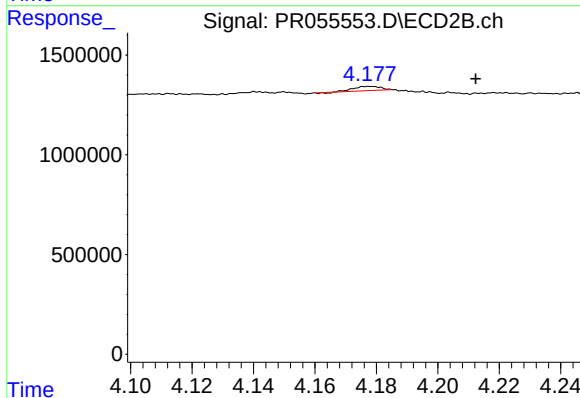
R.T.: 4.049 min
Delta R.T.: 0.013 min
Response: 529593
Conc: 13.17 ng/ml



#13 AR-1232-3

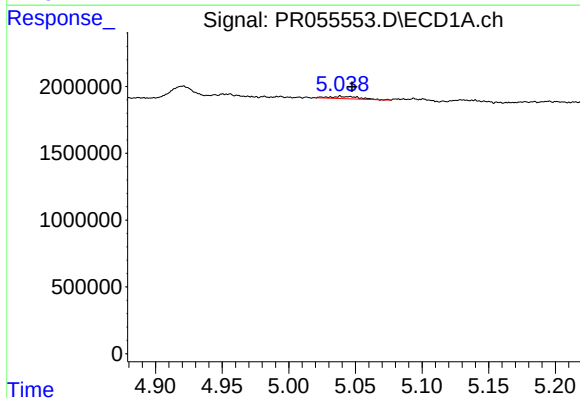
R.T.: 4.920 min
Delta R.T.: 0.039 min
Response: 6200855
Conc: 87.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



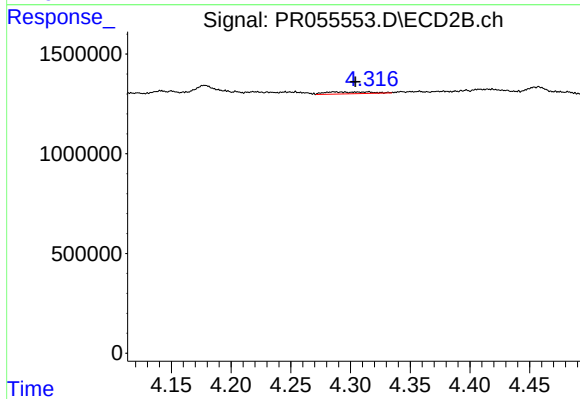
#13 AR-1232-3

R.T.: 4.178 min
Delta R.T.: -0.034 min
Response: 130422
Conc: 6.21 ng/ml



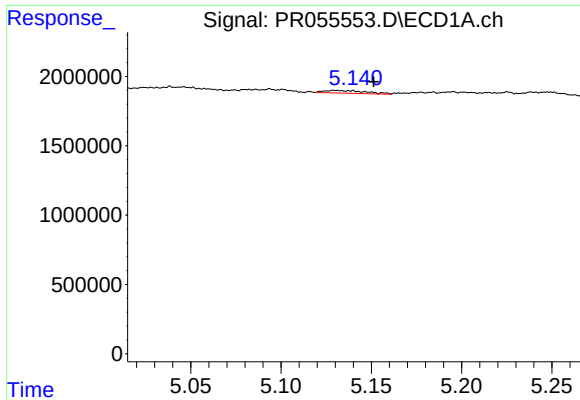
#14 AR-1232-4

R.T.: 5.039 min
Delta R.T.: -0.009 min
Response: 280552
Conc: 8.07 ng/ml



#14 AR-1232-4

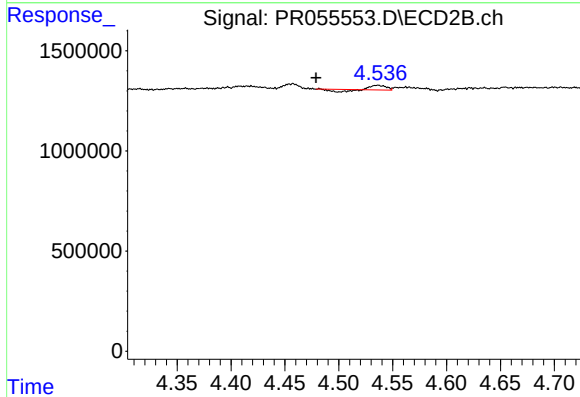
R.T.: 4.315 min
Delta R.T.: 0.011 min
Response: 247282
Conc: 13.55 ng/ml



#15 AR-1232-5

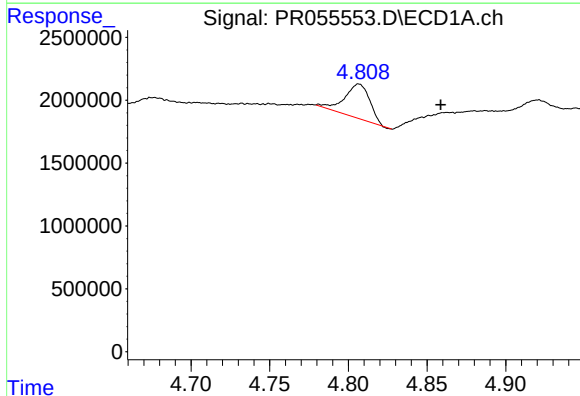
R.T.: 5.130 min
Delta R.T.: -0.022 min
Response: 323416
Conc: 12.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



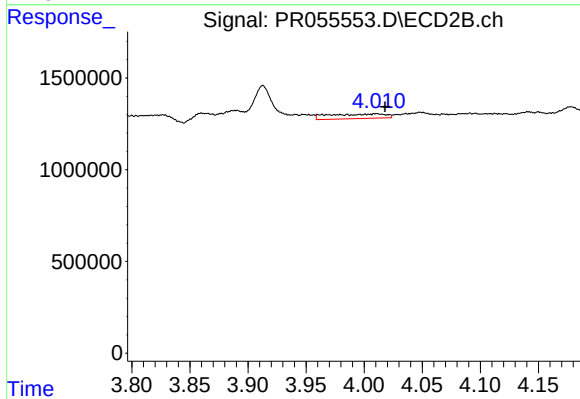
#15 AR-1232-5

R.T.: 4.536 min
Delta R.T.: 0.057 min
Response: 103141
Conc: 5.07 ng/ml



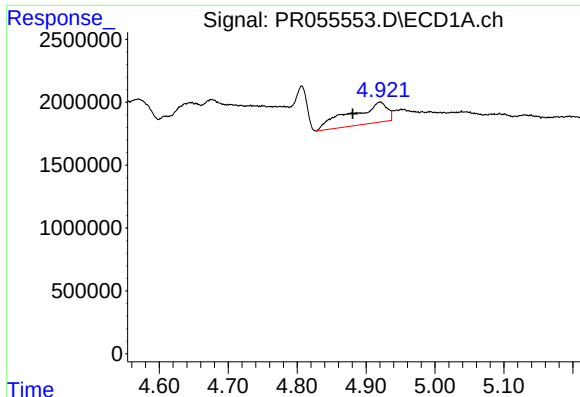
#16 AR-1242-1

R.T.: 4.807 min
Delta R.T.: -0.052 min
Response: 3044052
Conc: 32.66 ng/ml



#16 AR-1242-1

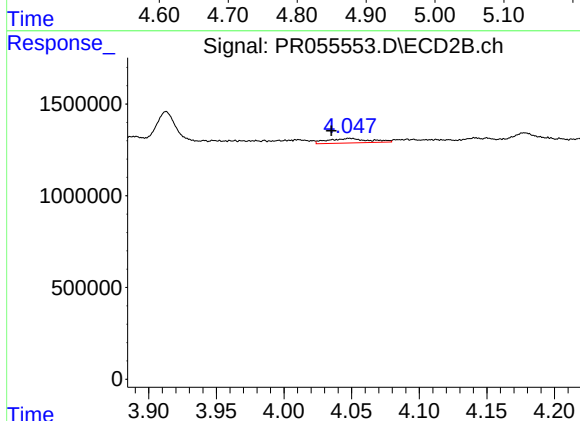
R.T.: 4.010 min
Delta R.T.: -0.008 min
Response: 851082
Conc: 15.15 ng/ml



#17 AR-1242-2

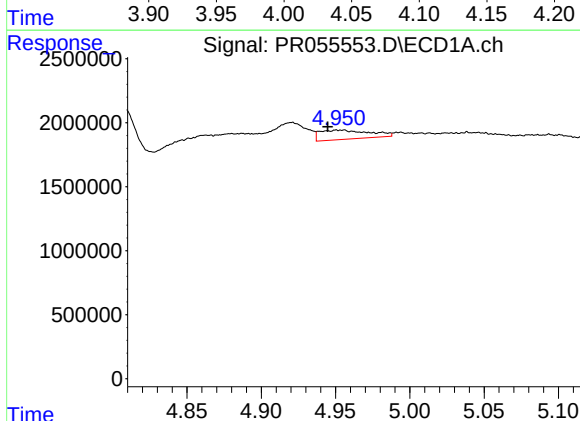
R.T.: 4.920 min
Delta R.T.: 0.040 min
Response: 6200855
Conc: 46.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



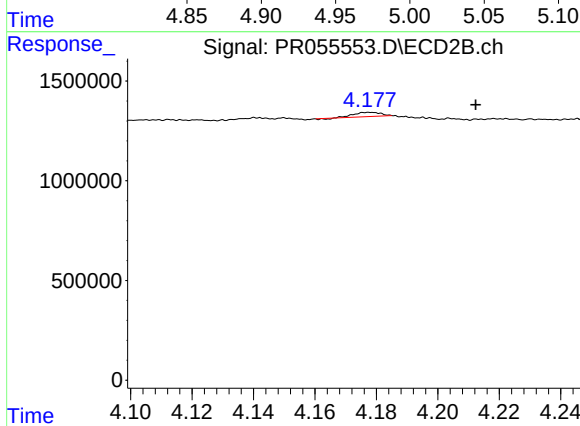
#17 AR-1242-2

R.T.: 4.049 min
Delta R.T.: 0.013 min
Response: 529593
Conc: 6.83 ng/ml



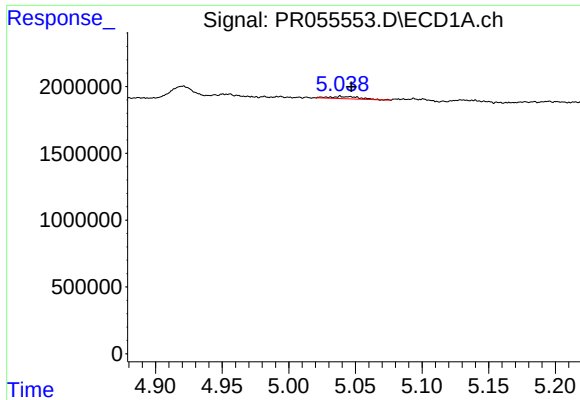
#18 AR-1242-3

R.T.: 4.955 min
Delta R.T.: 0.010 min
Response: 1669177
Conc: 20.19 ng/ml



#18 AR-1242-3

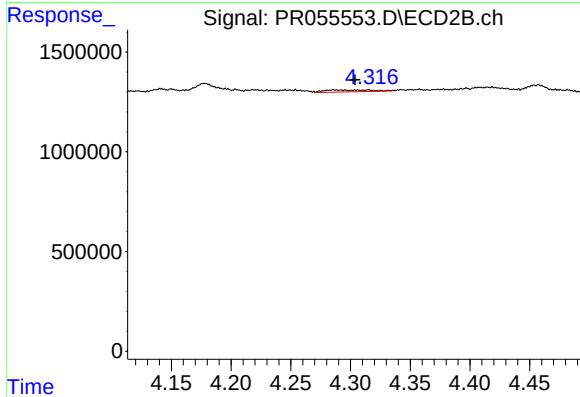
R.T.: 4.178 min
Delta R.T.: -0.034 min
Response: 130422
Conc: 3.13 ng/ml



#19 AR-1242-4

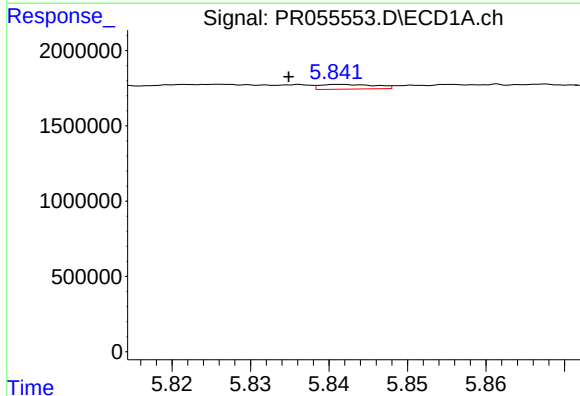
R.T.: 5.039 min
Delta R.T.: -0.008 min
Response: 280552
Conc: 4.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



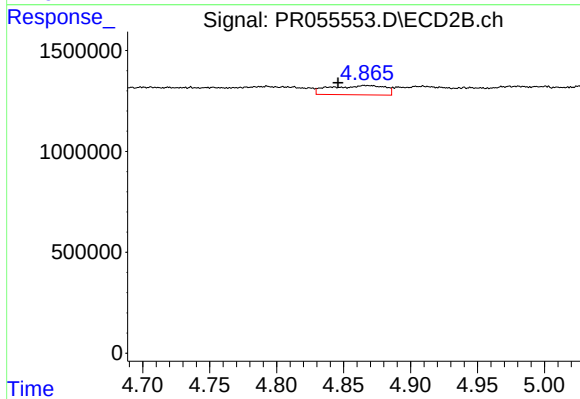
#19 AR-1242-4

R.T.: 4.315 min
Delta R.T.: 0.011 min
Response: 247282
Conc: 6.39 ng/ml



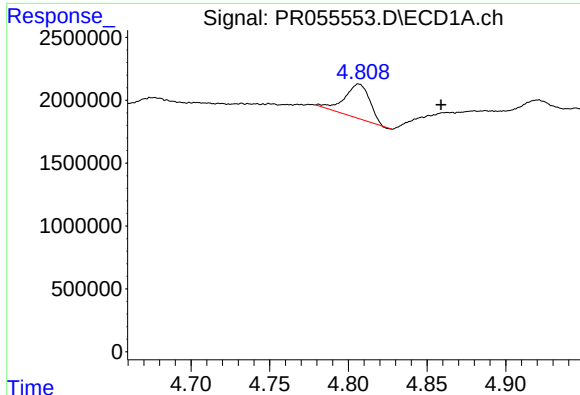
#20 AR-1242-5

R.T.: 5.842 min
Delta R.T.: 0.007 min
Response: 152307
Conc: 2.64 ng/ml



#20 AR-1242-5

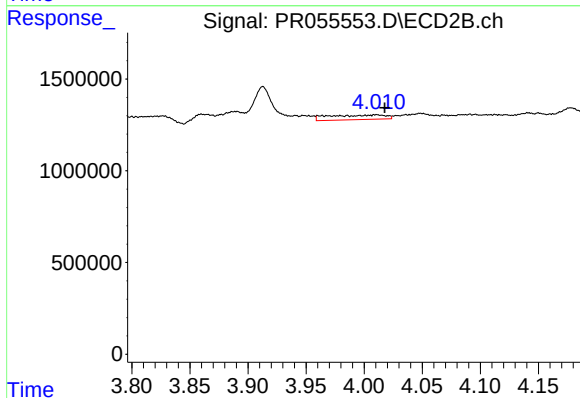
R.T.: 4.866 min
Delta R.T.: 0.020 min
Response: 1312815
Conc: 25.49 ng/ml



#21 AR-1248-1

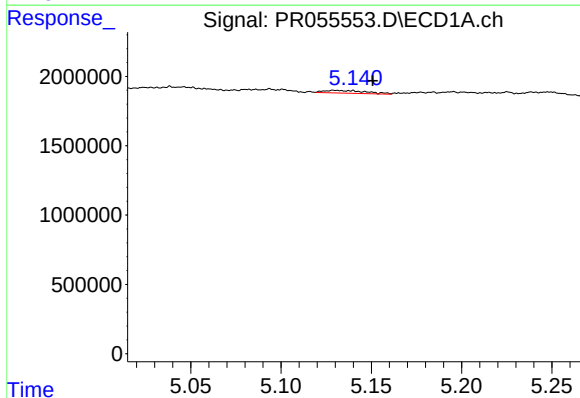
R.T.: 4.807 min
Delta R.T.: -0.052 min
Response: 3044052
Conc: 43.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



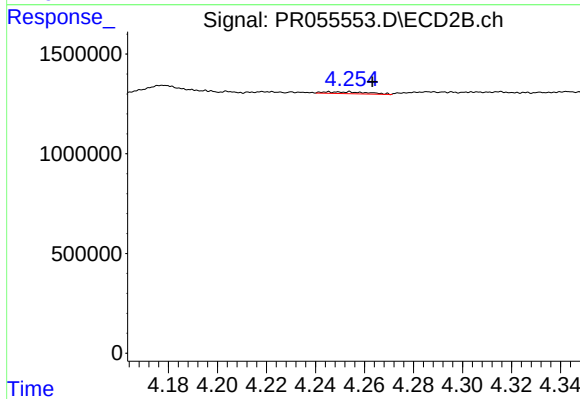
#21 AR-1248-1

R.T.: 4.010 min
Delta R.T.: -0.007 min
Response: 851082
Conc: 20.59 ng/ml



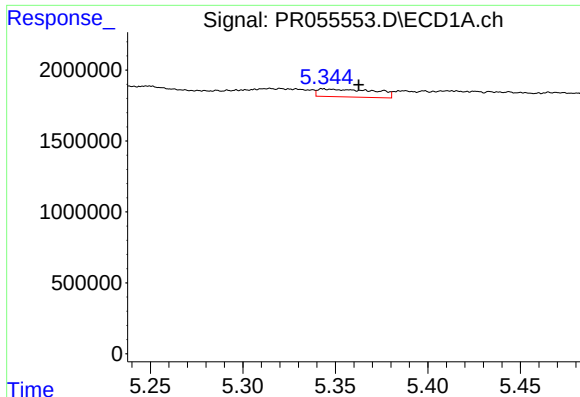
#22 AR-1248-2

R.T.: 5.130 min
Delta R.T.: -0.021 min
Response: 323416
Conc: 3.66 ng/ml



#22 AR-1248-2

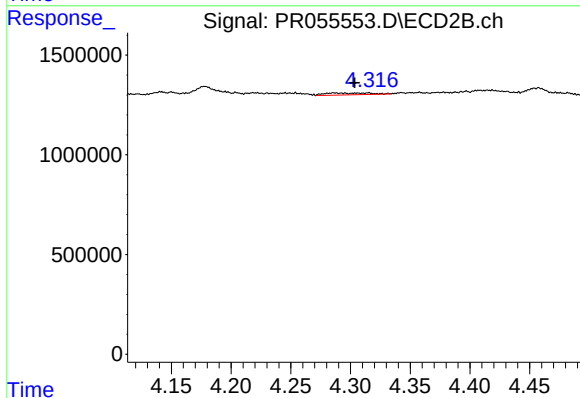
R.T.: 4.254 min
Delta R.T.: -0.009 min
Response: 110422
Conc: 1.97 ng/ml



#23 AR-1248-3

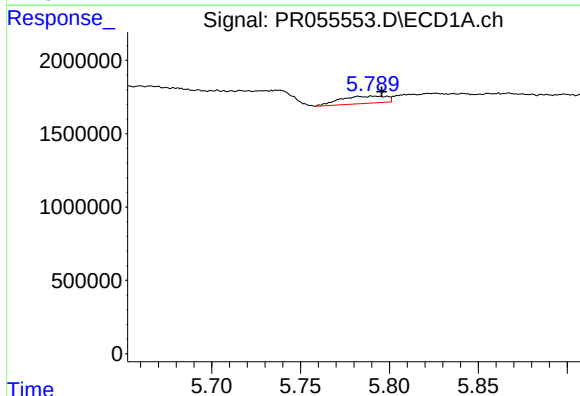
R.T.: 5.344 min
Delta R.T.: -0.019 min
Response: 1173801
Conc: 11.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



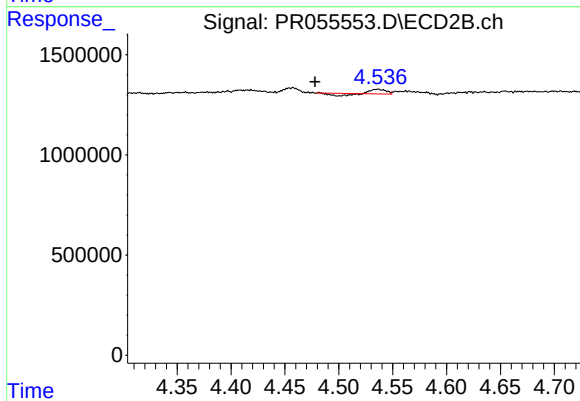
#23 AR-1248-3

R.T.: 4.315 min
Delta R.T.: 0.012 min
Response: 247282
Conc: 4.32 ng/ml



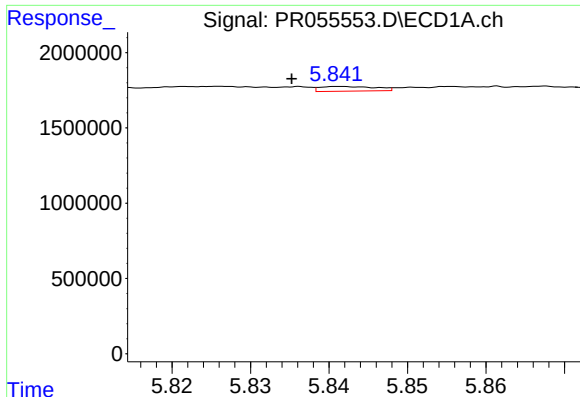
#24 AR-1248-4

R.T.: 5.783 min
Delta R.T.: -0.013 min
Response: 906241
Conc: 9.44 ng/ml



#24 AR-1248-4

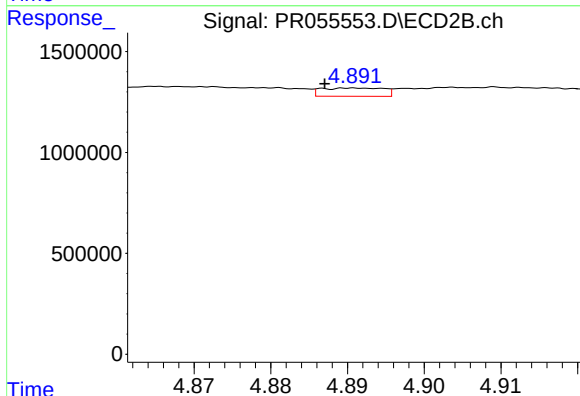
R.T.: 4.536 min
Delta R.T.: 0.058 min
Response: 103141
Conc: 1.49 ng/ml



#25 AR-1248-5

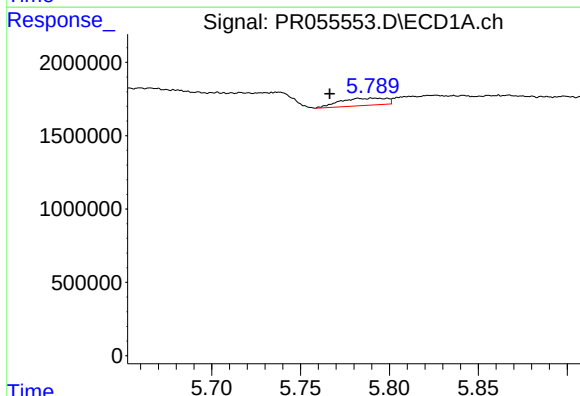
R.T.: 5.842 min
Delta R.T.: 0.007 min
Response: 152307
Conc: 1.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



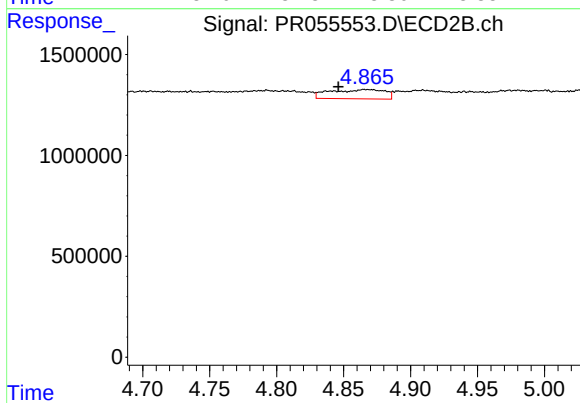
#25 AR-1248-5

R.T.: 4.891 min
Delta R.T.: 0.004 min
Response: 230811
Conc: 3.25 ng/ml



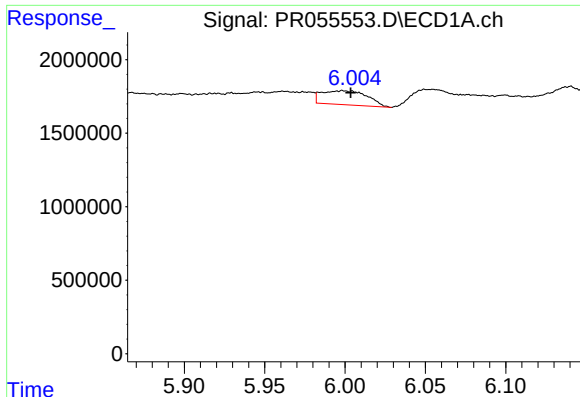
#26 AR-1254-1

R.T.: 5.783 min
Delta R.T.: 0.016 min
Response: 906241
Conc: 9.34 ng/ml



#26 AR-1254-1

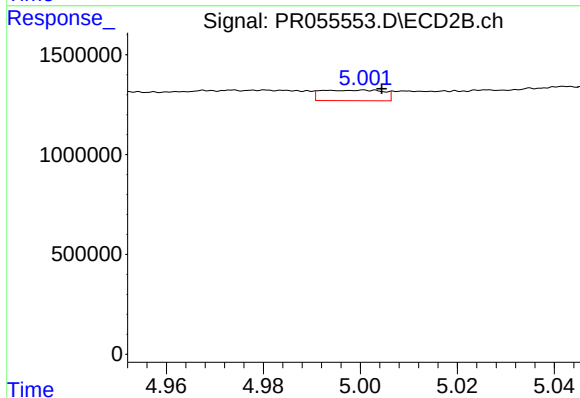
R.T.: 4.866 min
Delta R.T.: 0.020 min
Response: 1312815
Conc: 12.68 ng/ml



#27 AR-1254-2

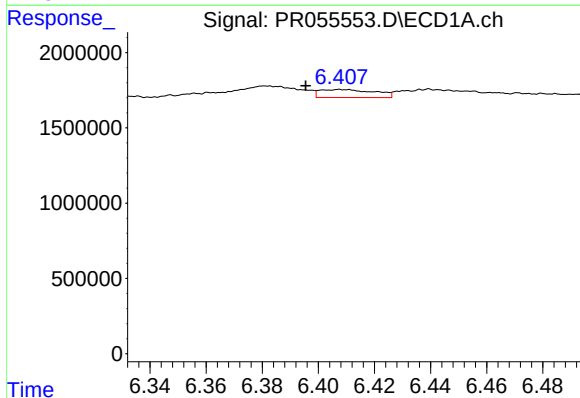
R.T.: 5.999 min
Delta R.T.: -0.005 min
Response: 1880660
Conc: 13.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



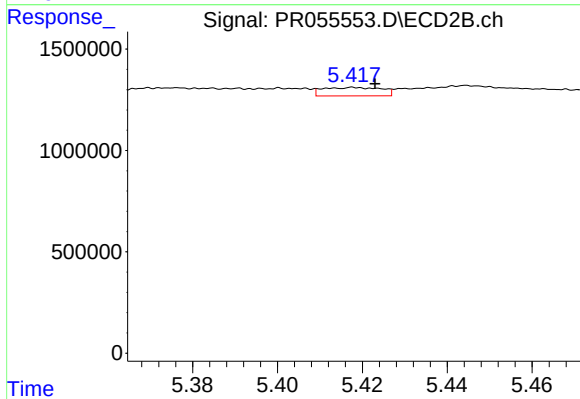
#27 AR-1254-2

R.T.: 5.001 min
Delta R.T.: -0.004 min
Response: 471349
Conc: 5.24 ng/ml



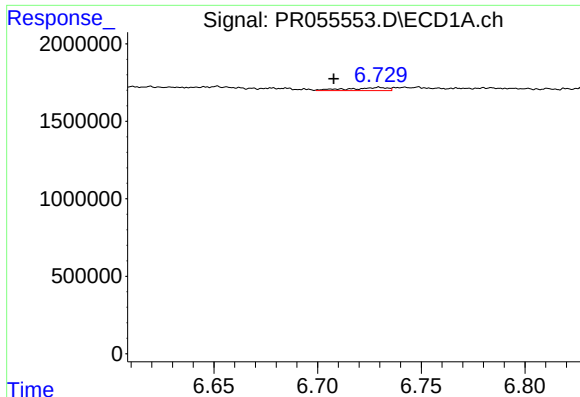
#28 AR-1254-3

R.T.: 6.408 min
Delta R.T.: 0.013 min
Response: 719283
Conc: 5.19 ng/ml



#28 AR-1254-3

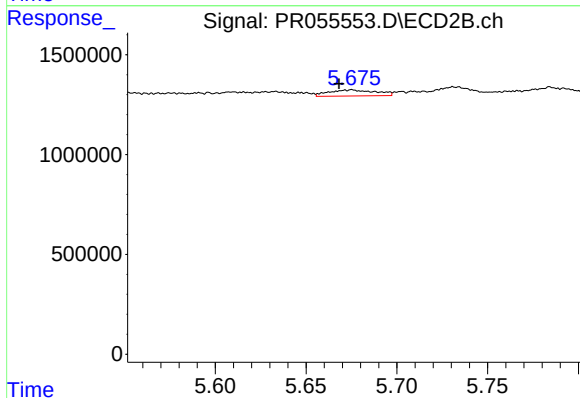
R.T.: 5.418 min
Delta R.T.: -0.005 min
Response: 403143
Conc: 2.76 ng/ml



#29 AR-1254-4

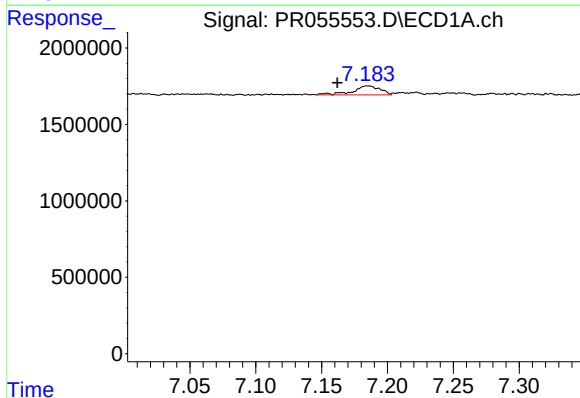
R.T.: 6.730 min
Delta R.T.: 0.022 min
Response: 259511
Conc: 2.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



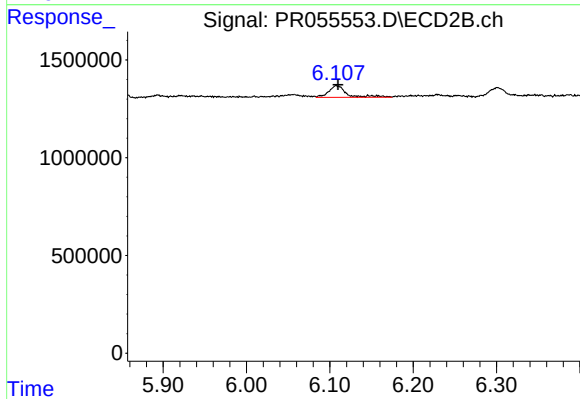
#29 AR-1254-4

R.T.: 5.675 min
Delta R.T.: 0.007 min
Response: 547642
Conc: 5.87 ng/ml



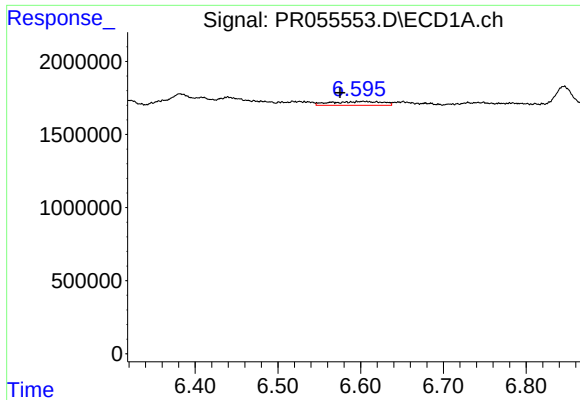
#30 AR-1254-5

R.T.: 7.185 min
Delta R.T.: 0.023 min
Response: 855905
Conc: 8.19 ng/ml



#30 AR-1254-5

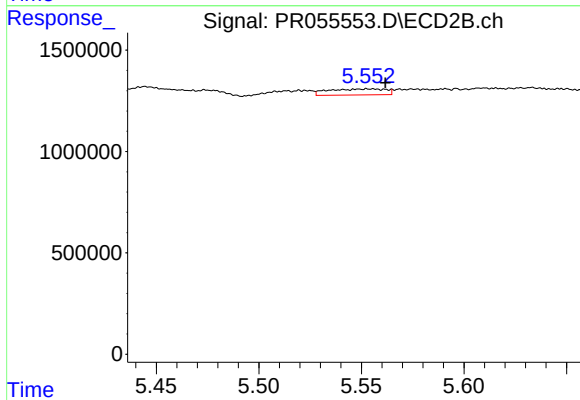
R.T.: 6.108 min
Delta R.T.: -0.002 min
Response: 884113
Conc: 6.67 ng/ml



#31 AR-1260-1

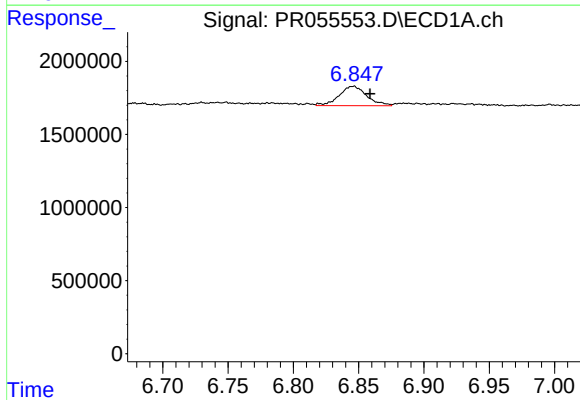
R.T.: 6.603 min
Delta R.T.: 0.028 min
Response: 1137328
Conc: 12.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



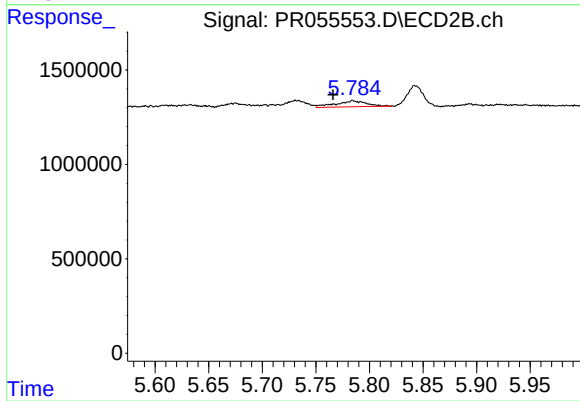
#31 AR-1260-1

R.T.: 5.555 min
Delta R.T.: -0.007 min
Response: 577328
Conc: 6.73 ng/ml



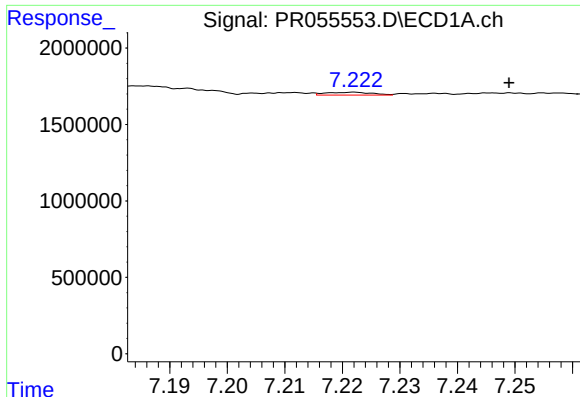
#32 AR-1260-2

R.T.: 6.846 min
Delta R.T.: -0.013 min
Response: 1963515
Conc: 18.89 ng/ml



#32 AR-1260-2

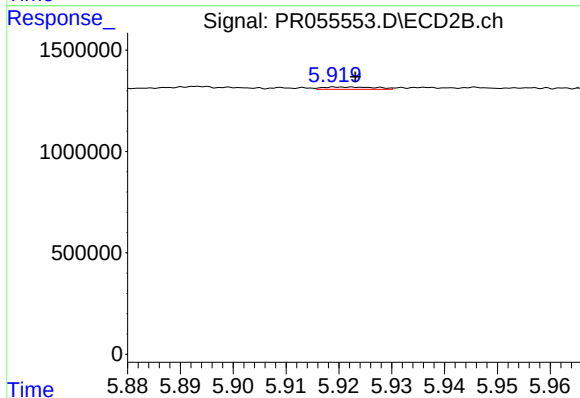
R.T.: 5.784 min
Delta R.T.: 0.019 min
Response: 614484
Conc: 5.88 ng/ml



#33 AR-1260-3

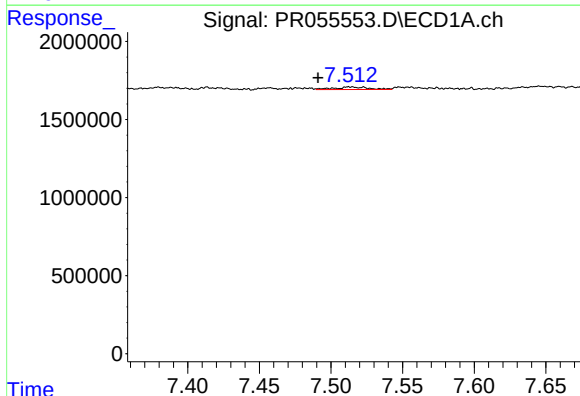
R.T.: 7.222 min
Delta R.T.: -0.027 min
Response: 102570
Conc: 1.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



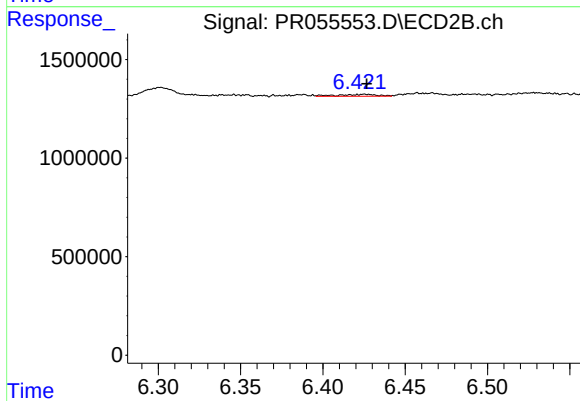
#33 AR-1260-3

R.T.: 5.921 min
Delta R.T.: -0.002 min
Response: 77162
Conc: 0.79 ng/ml



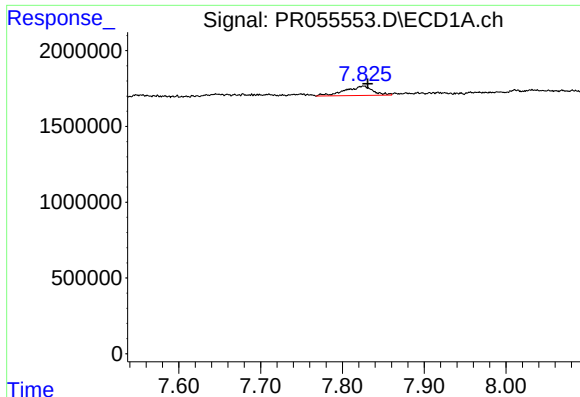
#34 AR-1260-4

R.T.: 7.513 min
Delta R.T.: 0.022 min
Response: 286085
Conc: 3.14 ng/ml



#34 AR-1260-4

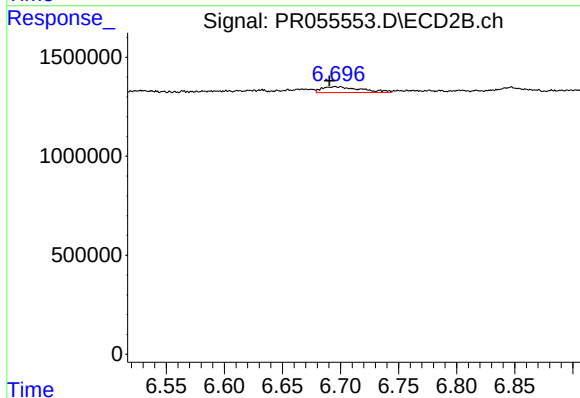
R.T.: 6.426 min
Delta R.T.: 0.000 min
Response: 162383
Conc: 1.90 ng/ml



#35 AR-1260-5

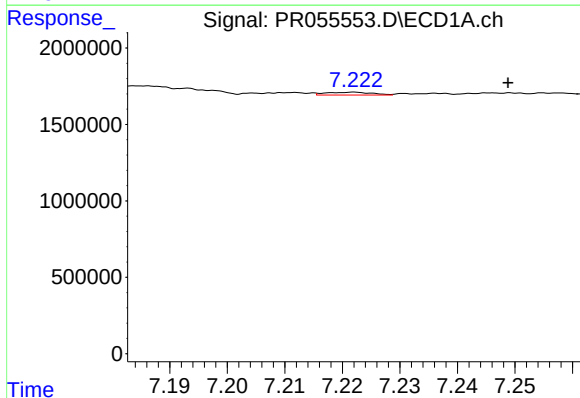
R.T.: 7.826 min
Delta R.T.: -0.005 min
Response: 1476435
Conc: 8.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



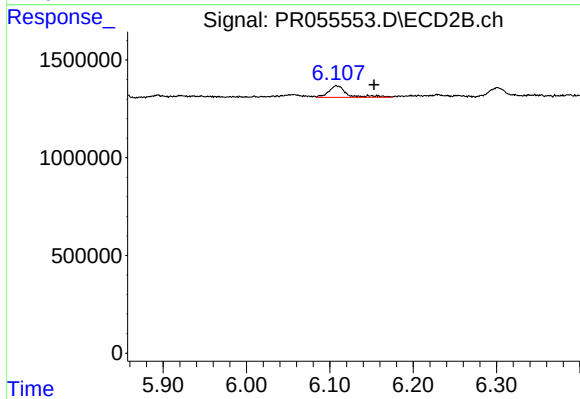
#35 AR-1260-5

R.T.: 6.700 min
Delta R.T.: 0.010 min
Response: 703028
Conc: 3.42 ng/ml



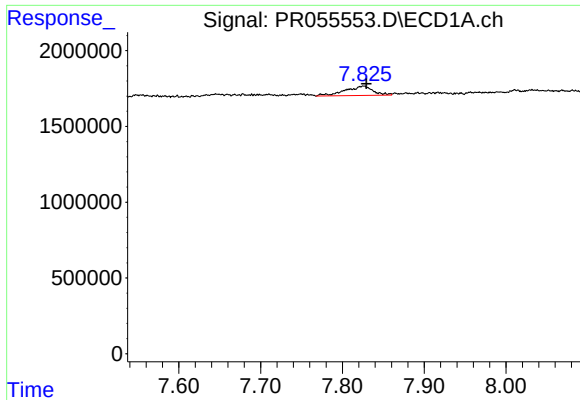
#36 AR-1262-1

R.T.: 7.222 min
Delta R.T.: -0.027 min
Response: 102570
Conc: 0.82 ng/ml



#36 AR-1262-1

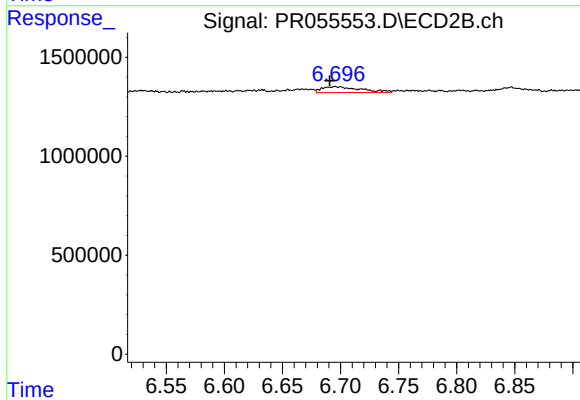
R.T.: 6.108 min
Delta R.T.: -0.045 min
Response: 884113
Conc: 6.58 ng/ml



#37 AR-1262-2

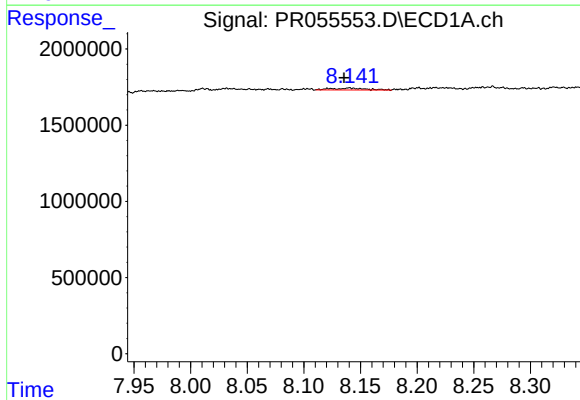
R.T.: 7.826 min
Delta R.T.: -0.003 min
Response: 1476435
Conc: 6.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



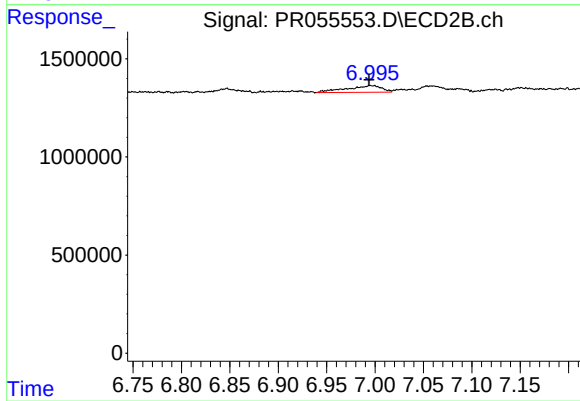
#37 AR-1262-2

R.T.: 6.700 min
Delta R.T.: 0.009 min
Response: 703028
Conc: 2.87 ng/ml



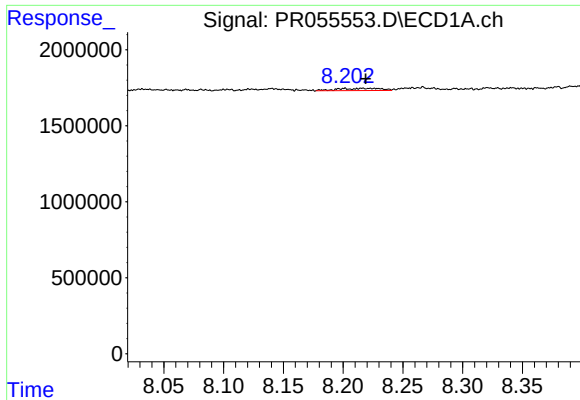
#38 AR-1262-3

R.T.: 8.140 min
Delta R.T.: 0.005 min
Response: 271297
Conc: 1.78 ng/ml



#38 AR-1262-3

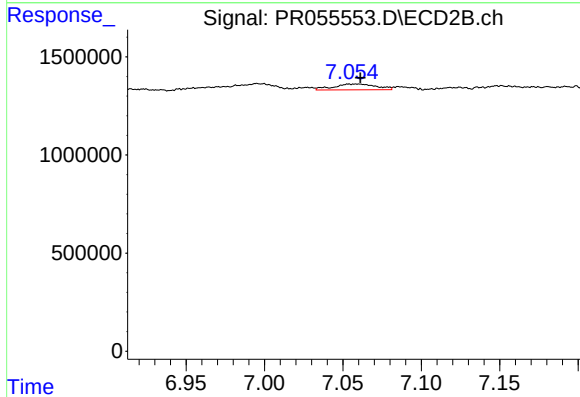
R.T.: 6.996 min
Delta R.T.: 0.002 min
Response: 850297
Conc: 8.60 ng/ml



#39 AR-1262-4

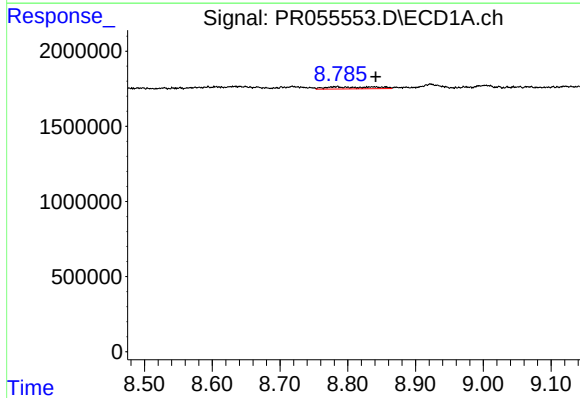
R.T.: 8.217 min
Delta R.T.: -0.002 min
Response: 379484
Conc: 5.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



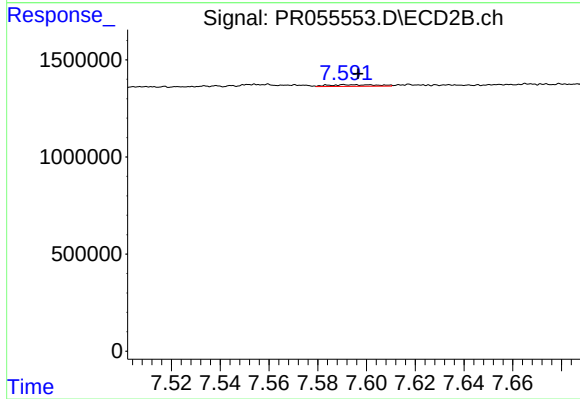
#39 AR-1262-4

R.T.: 7.059 min
Delta R.T.: -0.002 min
Response: 556673
Conc: 3.03 ng/ml



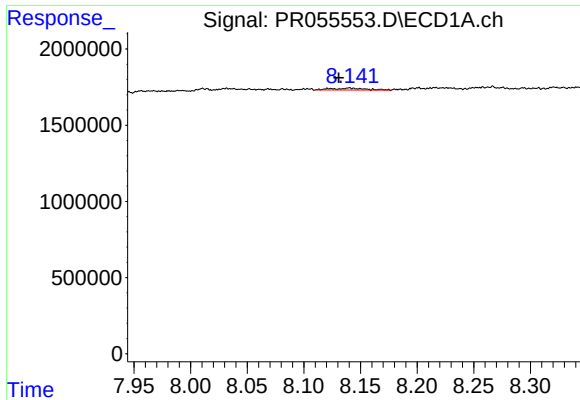
#40 AR-1262-5

R.T.: 8.784 min
Delta R.T.: -0.058 min
Response: 668121
Conc: 7.98 ng/ml



#40 AR-1262-5

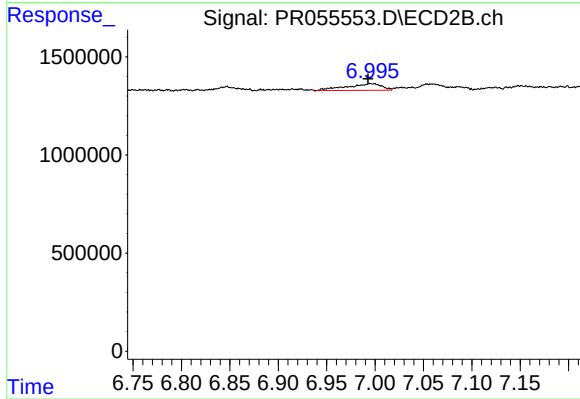
R.T.: 7.591 min
Delta R.T.: -0.005 min
Response: 108903
Conc: 1.21 ng/ml



#41 AR-1268-1

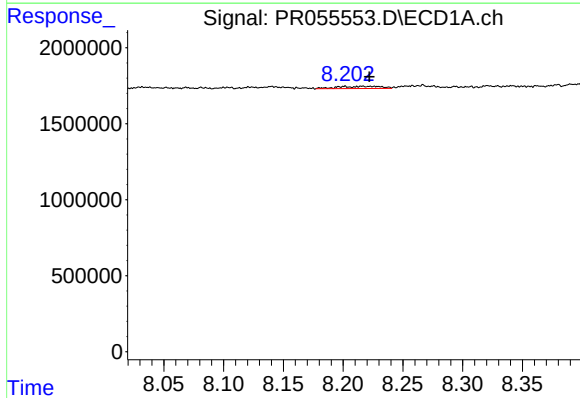
R.T.: 8.140 min
Delta R.T.: 0.010 min
Response: 271297
Conc: 1.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



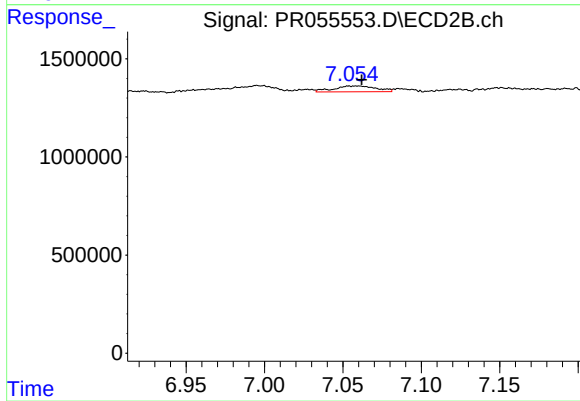
#41 AR-1268-1

R.T.: 6.996 min
Delta R.T.: 0.003 min
Response: 850297
Conc: 3.01 ng/ml



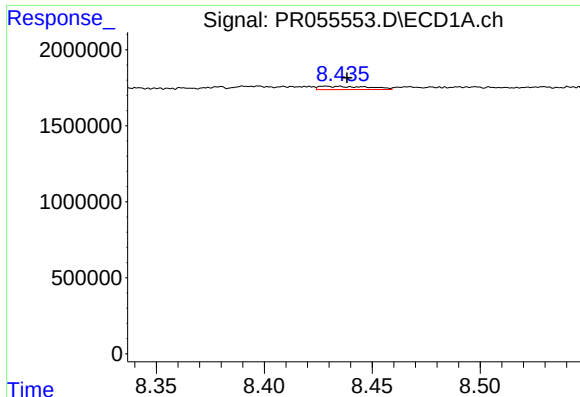
#42 AR-1268-2

R.T.: 8.217 min
Delta R.T.: -0.005 min
Response: 379484
Conc: 1.63 ng/ml



#42 AR-1268-2

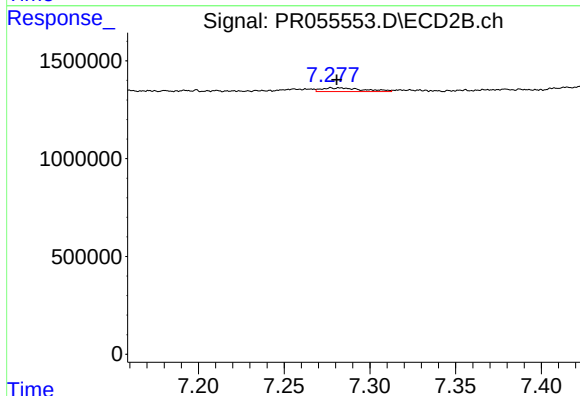
R.T.: 7.059 min
Delta R.T.: -0.003 min
Response: 556673
Conc: 2.18 ng/ml



#43 AR-1268-3

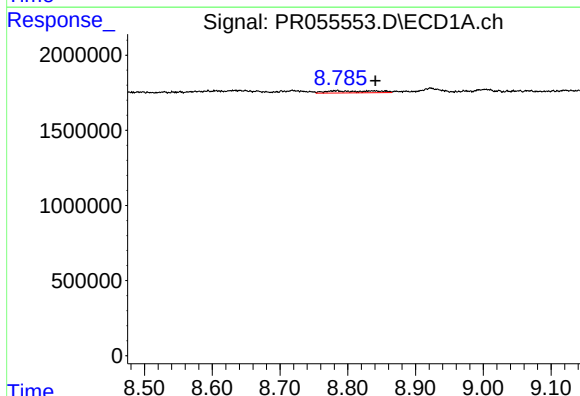
R.T.: 8.430 min
Delta R.T.: -0.009 min
Response: 353309
Conc: 1.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



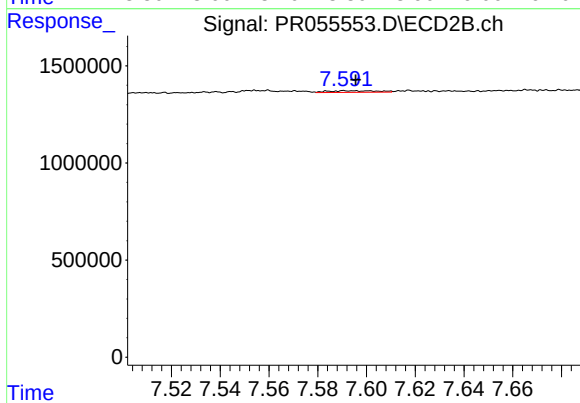
#43 AR-1268-3

R.T.: 7.278 min
Delta R.T.: -0.003 min
Response: 318312
Conc: 1.47 ng/ml



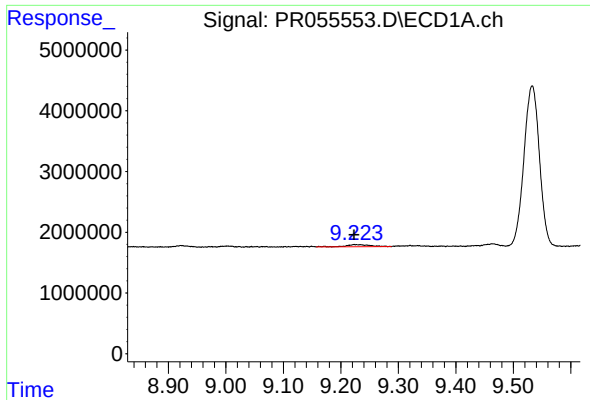
#44 AR-1268-4

R.T.: 8.784 min
Delta R.T.: -0.057 min
Response: 668121
Conc: 7.26 ng/ml



#44 AR-1268-4

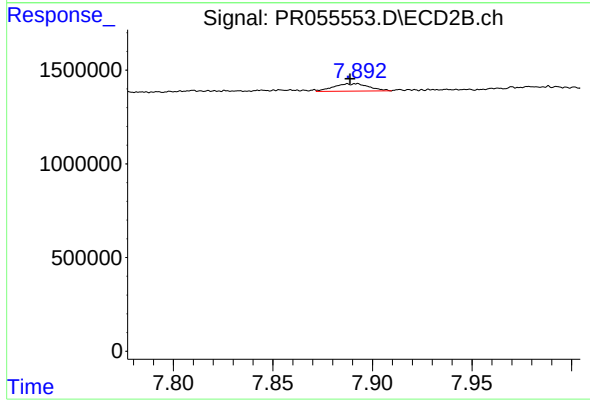
R.T.: 7.591 min
Delta R.T.: -0.004 min
Response: 108903
Conc: 1.10 ng/ml



#45 AR-1268-5

R.T.: 9.226 min
Delta R.T.: 0.003 min
Response: 977678
Conc: 1.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.892 min
Delta R.T.: 0.003 min
Response: 484026
Conc: 0.69 ng/ml