

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR050819\
 Data File : PR037655.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 May 2019 21:28
 Operator : SM\MA
 Sample : AR1221CCC500
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1221CCC500

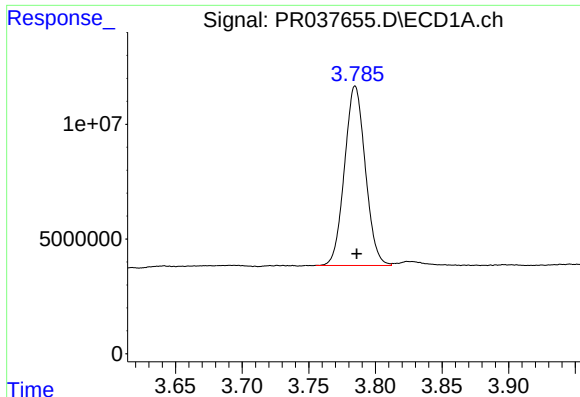
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 09 01:52:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR050819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 08 18:26:47 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.785	4.632	84817042	238.5E6	49.737	48.074
2)	SA Decachlor...	8.789	10.401	133.4E6	254.2E6	56.478	53.588
Target Compounds							
3)	L1 AR-1016-1	4.863	5.787	2337307	6533254	34.346	38.068
4)	L1 AR-1016-2	4.882	5.810	4627600	8924456	49.413	35.831 #
5)	L1 AR-1016-3	5.056	5.874	1149816	7079171	24.001	47.111 #
6)	L1 AR-1016-4	5.095	5.972	707775	3554393	18.474	27.798 #
8)	L2 AR-1221-1	3.998	4.835	8971955	24778058	498.501	518.751
9)	L2 AR-1221-2	4.083	4.922	7314232	18588493	542.363	566.961
10)	L2 AR-1221-3	4.160	4.999	22885226	59481428	533.719	534.288
11)	L3 AR-1232-1	4.160	4.999	22885226	59481428	504.305	520.282
12)	L3 AR-1232-2	4.882	5.524	4627600	6189035	86.822	101.874
13)	L3 AR-1232-3	5.056	5.810	1149816	8924456	45.135	70.371 #
14)	L3 AR-1232-4	5.169	5.972	1454142	3554393	61.980	53.407
16)	L4 AR-1242-1	4.863	5.787	2337307	6533254	38.125	44.947
17)	L4 AR-1242-2	4.882	5.810	4627600	8924456	55.588	42.236
18)	L4 AR-1242-3	5.056	5.874	1149816	7079171	27.197	53.719 #
19)	L4 AR-1242-4	5.137	5.972	941591	3554393	22.755	31.135 #
20)	L4 AR-1242-5	5.654	6.673	3854835	605298	62.893	4.903 #
21)	L5 AR-1248-1	4.863	5.787	2337307	6533254	54.471	63.623
22)	L5 AR-1248-2	5.095	0.000	707775	0	13.094	N.D. #
23)	L5 AR-1248-3	5.137	6.262	941591	1493074	16.949	9.050 #
25)	L5 AR-1248-5	5.686	6.673	15752519	605298	207.811	3.259 #
26)	L6 AR-1254-1	5.654	6.635	3854835	9994024	21.513	34.518 #
27)	L6 AR-1254-2	5.866	0.000	23083017	0	147.662	N.D. #
28)	L6 AR-1254-3	6.204	7.225	17515825	4277778	63.790	8.145 #
29)	L6 AR-1254-4	0.000	7.442	0	24889136	N.D.	62.622 #
30)	L6 AR-1254-5	6.795	7.898	458587	1911438	1.793	4.505 #
31)	L7 AR-1260-1	6.332	7.328	2229102	1741983	20.352	7.446 #
32)	L7 AR-1260-2	6.512	0.000	4173843	0	29.701	N.D. #
35)	L7 AR-1260-5	7.385	0.000	2493732	0	8.342	N.D. #
37)	L8 AR-1262-2	7.385	0.000	2493732	0	5.012	N.D. #
38)	L8 AR-1262-3	7.700	0.000	25250109	0	136.204	N.D. #
39)	L8 AR-1262-4	7.700	0.000	25250109	0	69.306	N.D. #
41)	L9 AR-1268-1	7.700	0.000	25250109	0	43.077	N.D. #
42)	L9 AR-1268-2	7.700	0.000	25250109	0	44.873	N.D. #
45)	L9 AR-1268-5	8.526	10.051	1273250	3314216	0.865	1.238 #

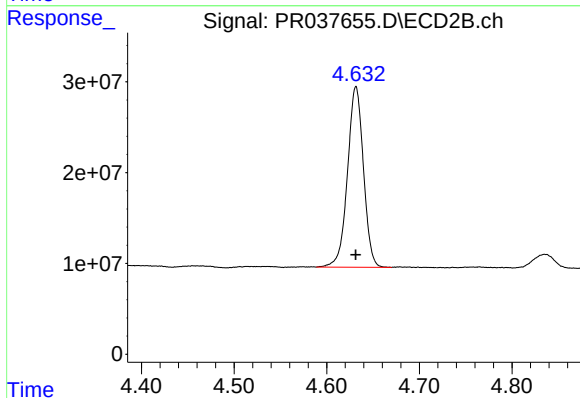
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

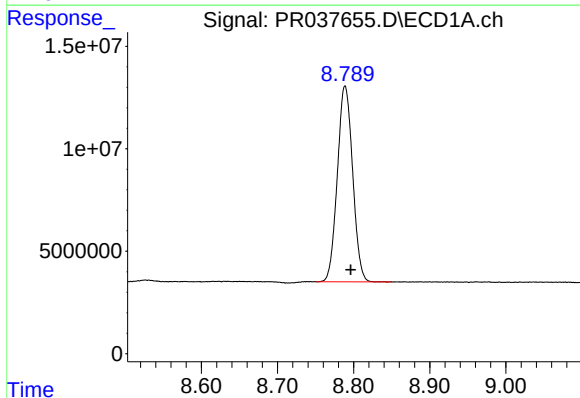
R.T.: 3.785 min
Delta R.T.: -0.001 min
Response: 84817042
Conc: 49.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1221CCC500



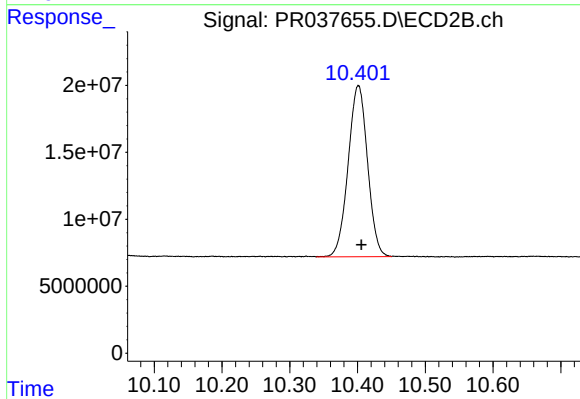
#1 Tetrachloro-m-xylene

R.T.: 4.632 min
Delta R.T.: 0.000 min
Response: 238456940
Conc: 48.07 ng/ml



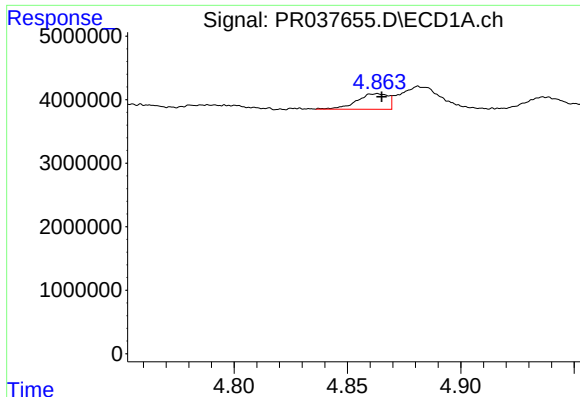
#2 Decachlorobiphenyl

R.T.: 8.789 min
Delta R.T.: -0.008 min
Response: 133357896
Conc: 56.48 ng/ml



#2 Decachlorobiphenyl

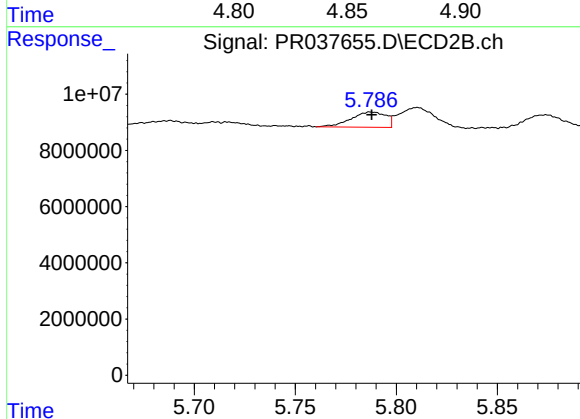
R.T.: 10.401 min
Delta R.T.: -0.005 min
Response: 254205027
Conc: 53.59 ng/ml



#3 AR-1016-1

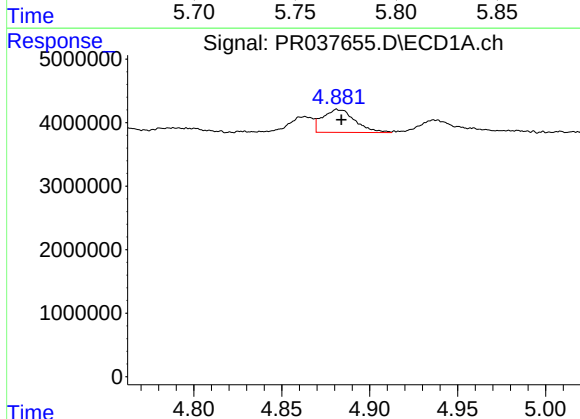
R.T.: 4.863 min
Delta R.T.: -0.002 min
Response: 2337307
Conc: 34.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1221CCC500



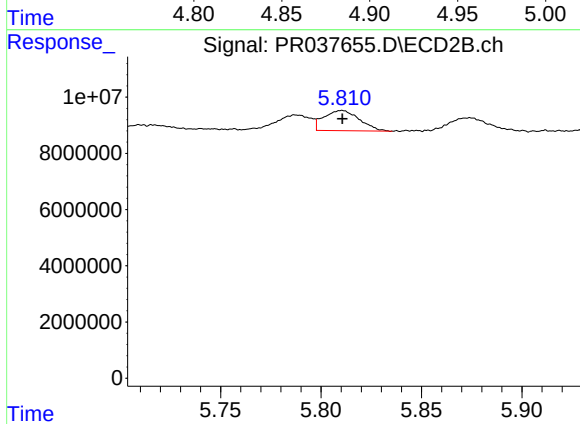
#3 AR-1016-1

R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 6533254
Conc: 38.07 ng/ml



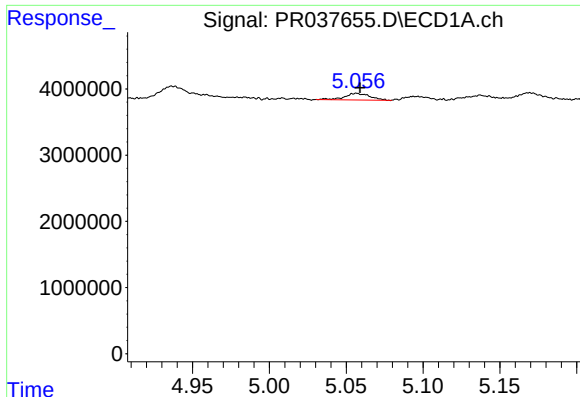
#4 AR-1016-2

R.T.: 4.882 min
Delta R.T.: -0.002 min
Response: 4627600
Conc: 49.41 ng/ml



#4 AR-1016-2

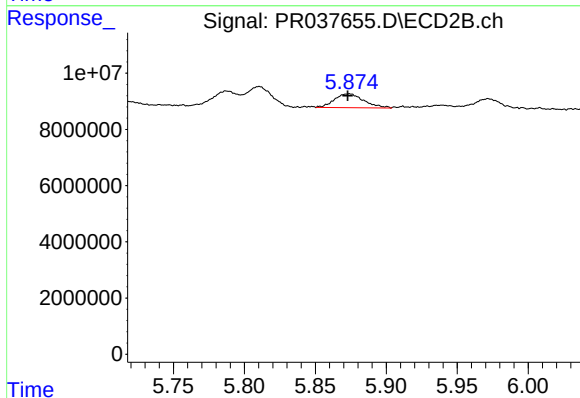
R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 8924456
Conc: 35.83 ng/ml



#5 AR-1016-3

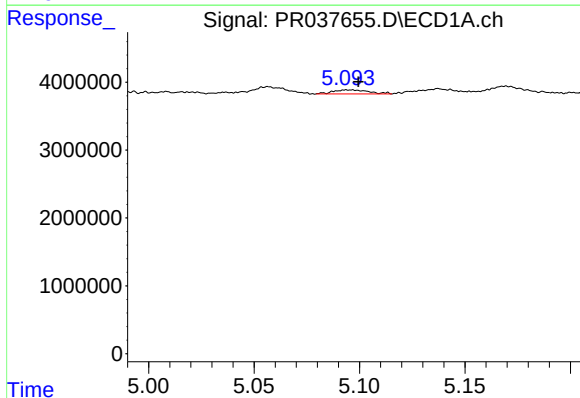
R.T.: 5.056 min
Delta R.T.: -0.003 min
Response: 1149816
Conc: 24.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1221CCC500



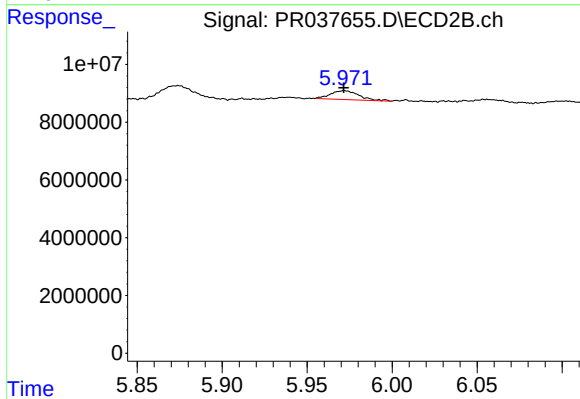
#5 AR-1016-3

R.T.: 5.874 min
Delta R.T.: 0.001 min
Response: 7079171
Conc: 47.11 ng/ml



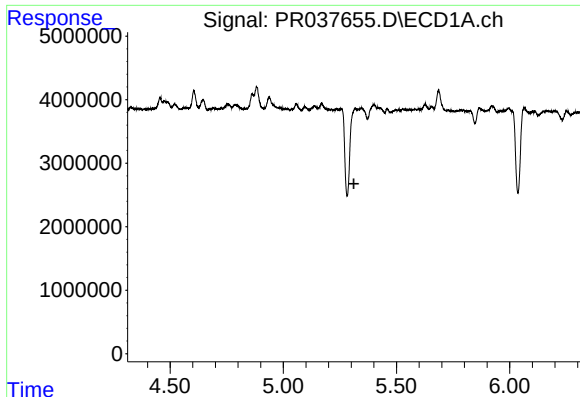
#6 AR-1016-4

R.T.: 5.095 min
Delta R.T.: -0.005 min
Response: 707775
Conc: 18.47 ng/ml



#6 AR-1016-4

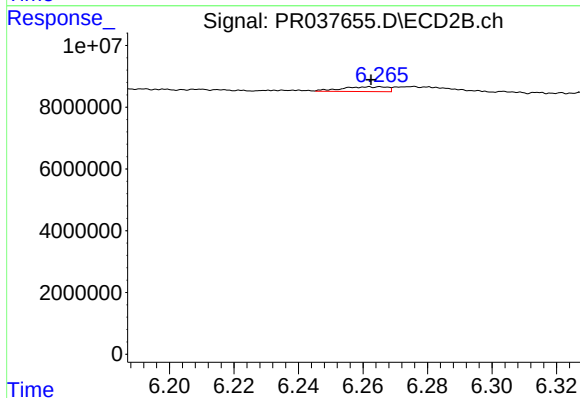
R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 3554393
Conc: 27.80 ng/ml



#7 AR-1016-5

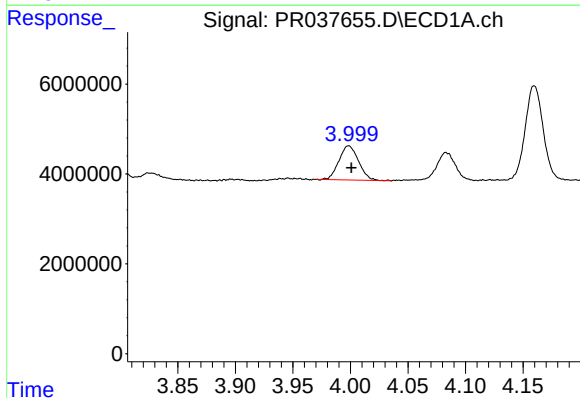
R.T.: 5.317 min
Delta R.T.: 0.005 min
Response: -2348264
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1221CCC500



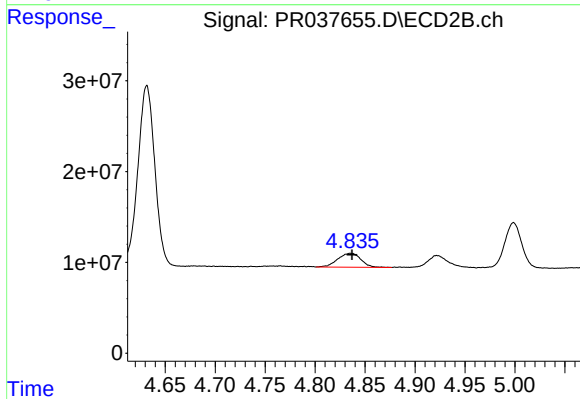
#7 AR-1016-5

R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 1493074
Conc: 11.89 ng/ml



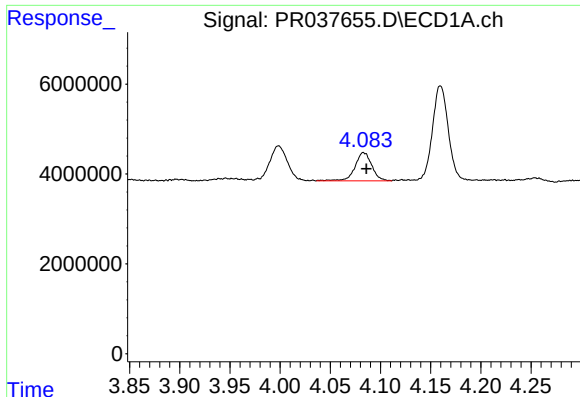
#8 AR-1221-1

R.T.: 3.998 min
Delta R.T.: -0.002 min
Response: 8971955
Conc: 498.50 ng/ml



#8 AR-1221-1

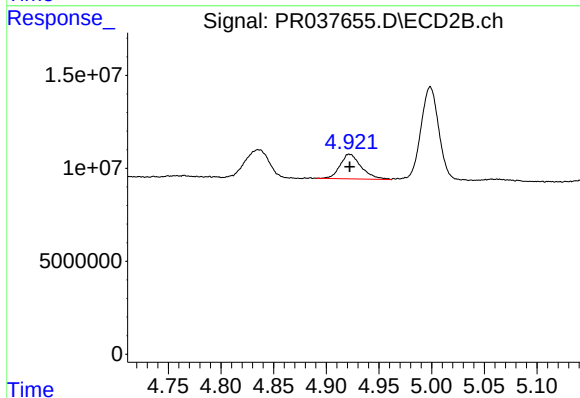
R.T.: 4.835 min
Delta R.T.: -0.002 min
Response: 24778058
Conc: 518.75 ng/ml



#9 AR-1221-2

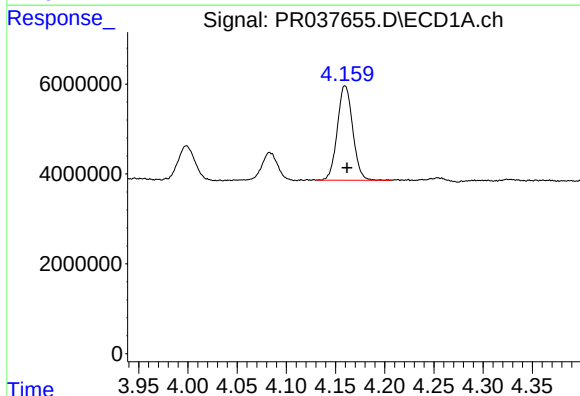
R.T.: 4.083 min
Delta R.T.: -0.003 min
Response: 7314232
Conc: 542.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1221CCC500



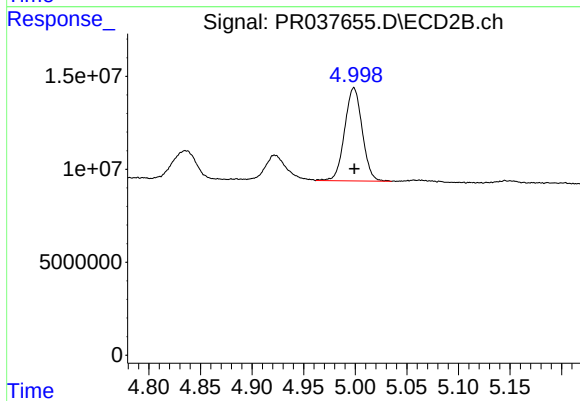
#9 AR-1221-2

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 18588493
Conc: 566.96 ng/ml



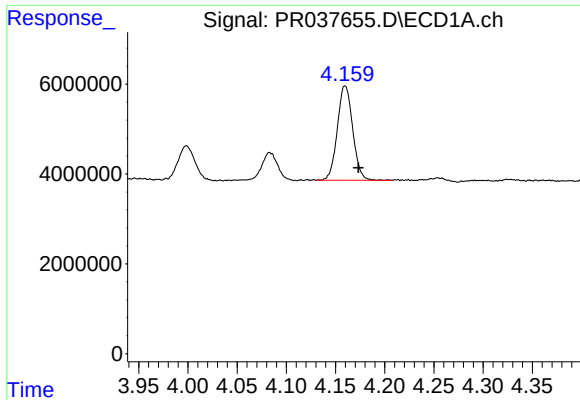
#10 AR-1221-3

R.T.: 4.160 min
Delta R.T.: -0.002 min
Response: 22885226
Conc: 533.72 ng/ml



#10 AR-1221-3

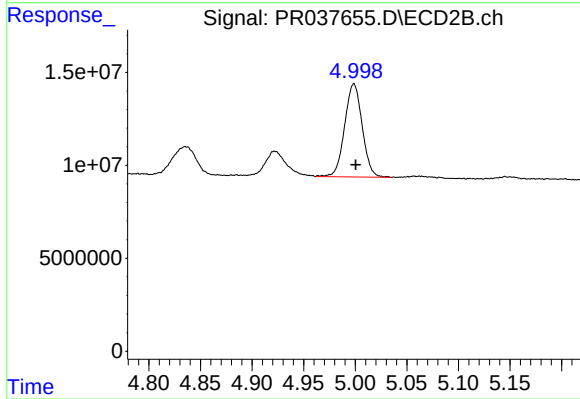
R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 59481428
Conc: 534.29 ng/ml



#11 AR-1232-1

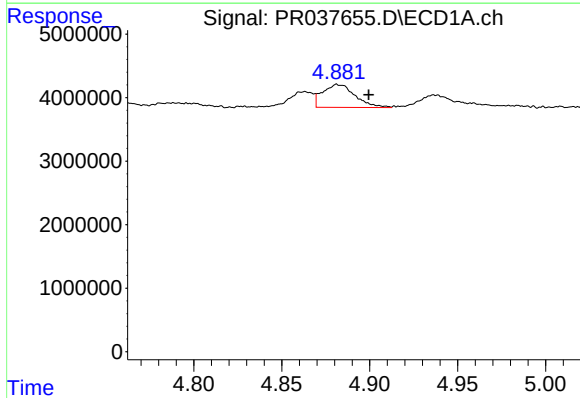
R.T.: 4.160 min
Delta R.T.: -0.013 min
Response: 22885226
Conc: 504.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1221CCC500



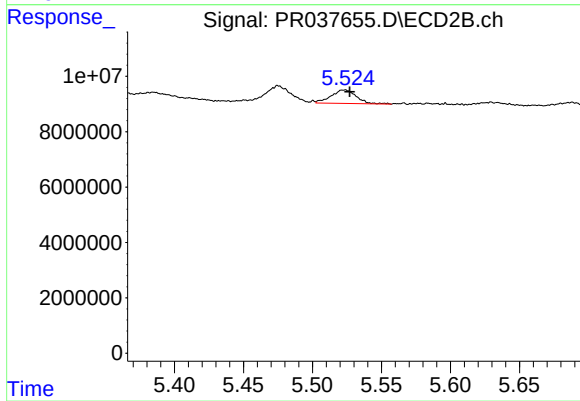
#11 AR-1232-1

R.T.: 4.999 min
Delta R.T.: -0.002 min
Response: 59481428
Conc: 520.28 ng/ml



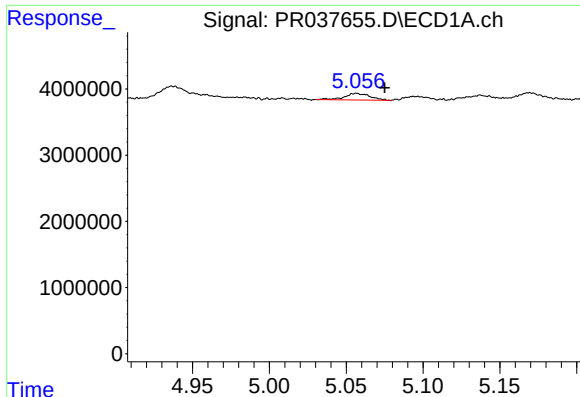
#12 AR-1232-2

R.T.: 4.882 min
Delta R.T.: -0.018 min
Response: 4627600
Conc: 86.82 ng/ml



#12 AR-1232-2

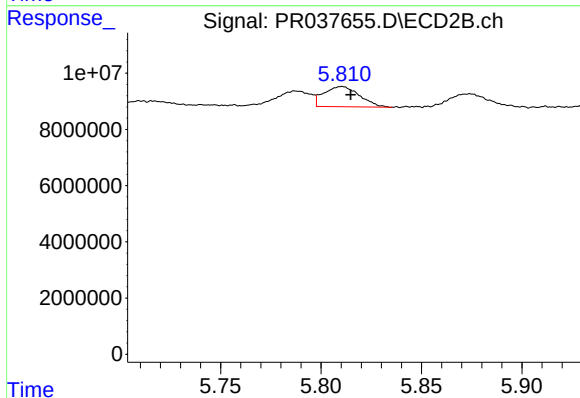
R.T.: 5.524 min
Delta R.T.: -0.003 min
Response: 6189035
Conc: 101.87 ng/ml



#13 AR-1232-3

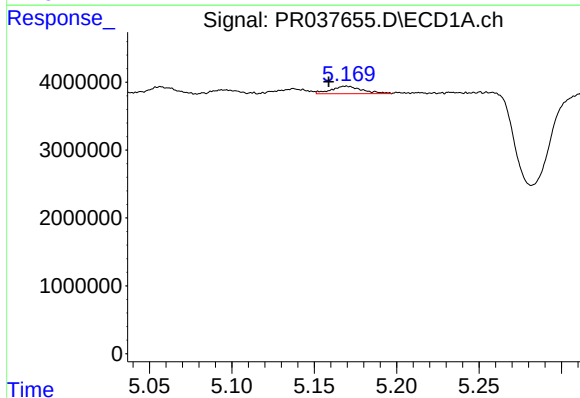
R.T.: 5.056 min
Delta R.T.: -0.019 min
Response: 1149816
Conc: 45.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1221CCC500



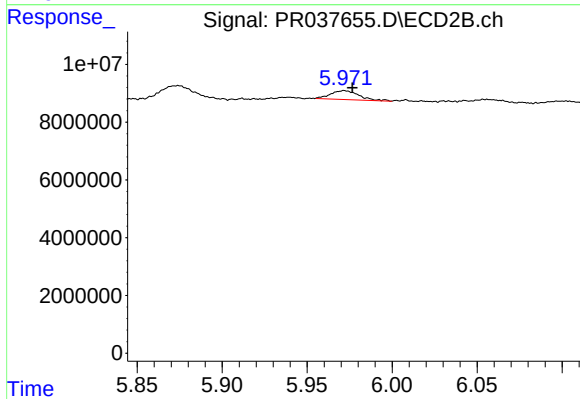
#13 AR-1232-3

R.T.: 5.810 min
Delta R.T.: -0.004 min
Response: 8924456
Conc: 70.37 ng/ml



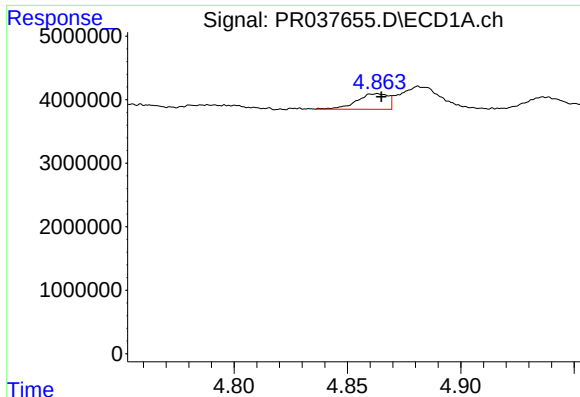
#14 AR-1232-4

R.T.: 5.169 min
Delta R.T.: 0.011 min
Response: 1454142
Conc: 61.98 ng/ml



#14 AR-1232-4

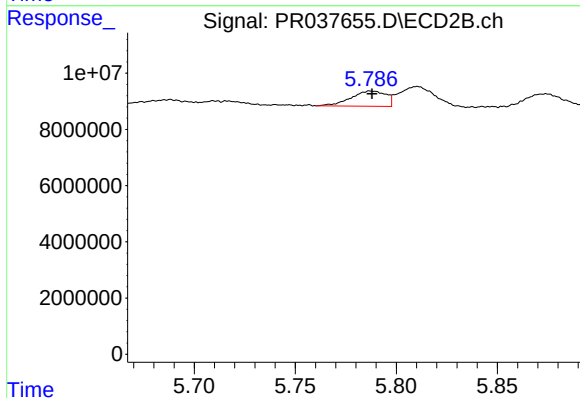
R.T.: 5.972 min
Delta R.T.: -0.005 min
Response: 3554393
Conc: 53.41 ng/ml



#16 AR-1242-1

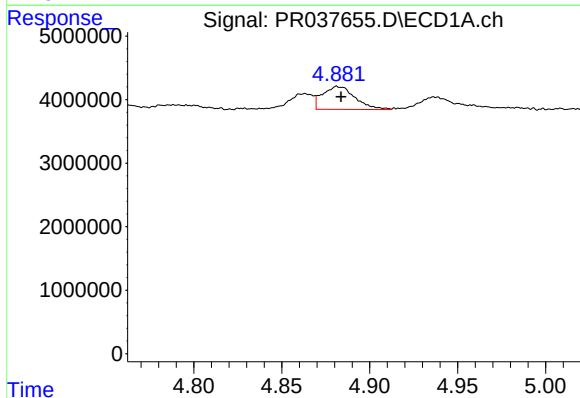
R.T.: 4.863 min
Delta R.T.: -0.002 min
Response: 2337307
Conc: 38.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1221CCC500



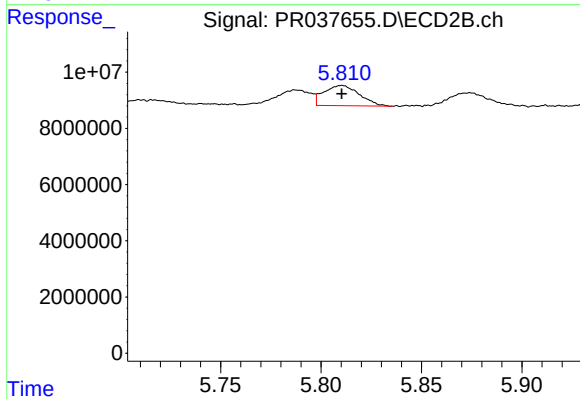
#16 AR-1242-1

R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 6533254
Conc: 44.95 ng/ml



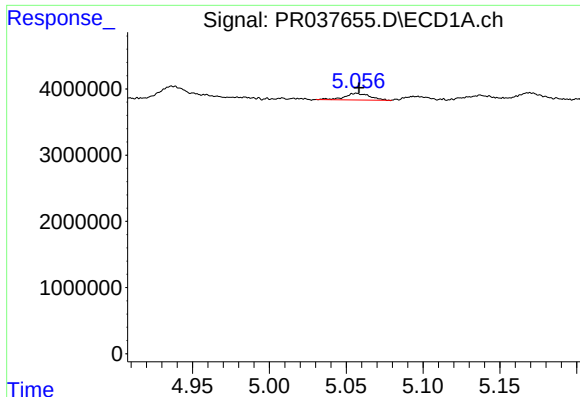
#17 AR-1242-2

R.T.: 4.882 min
Delta R.T.: -0.002 min
Response: 4627600
Conc: 55.59 ng/ml



#17 AR-1242-2

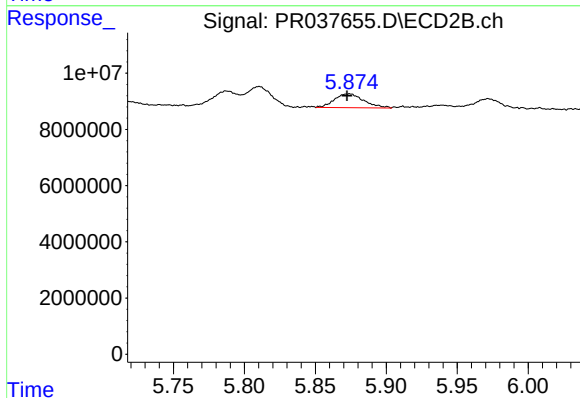
R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 8924456
Conc: 42.24 ng/ml



#18 AR-1242-3

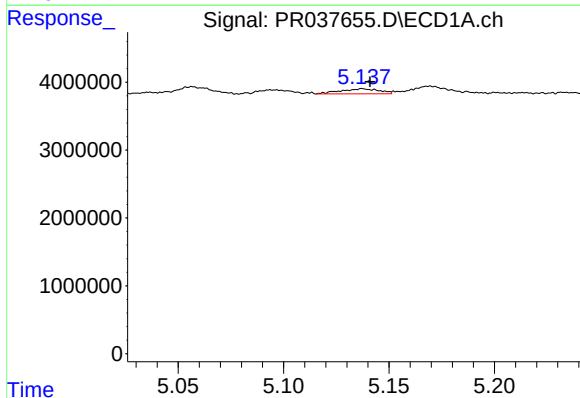
R.T.: 5.056 min
Delta R.T.: -0.002 min
Response: 1149816
Conc: 27.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1221CCC500



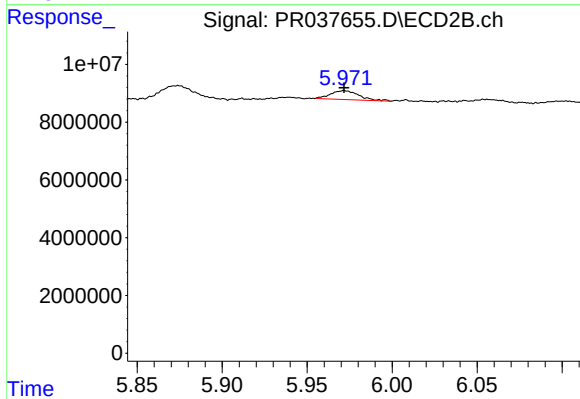
#18 AR-1242-3

R.T.: 5.874 min
Delta R.T.: 0.002 min
Response: 7079171
Conc: 53.72 ng/ml



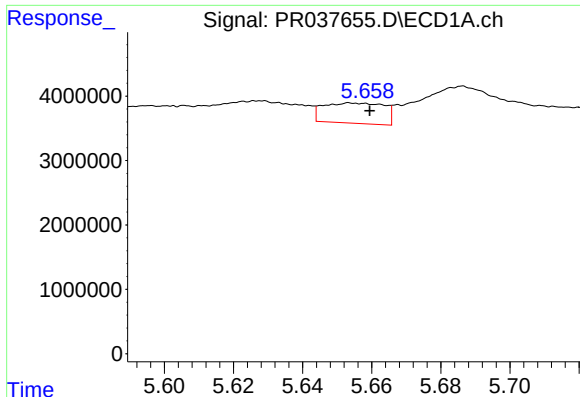
#19 AR-1242-4

R.T.: 5.137 min
Delta R.T.: -0.004 min
Response: 941591
Conc: 22.76 ng/ml



#19 AR-1242-4

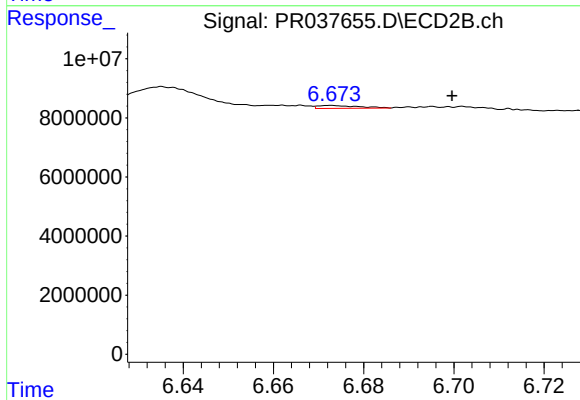
R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 3554393
Conc: 31.14 ng/ml



#20 AR-1242-5

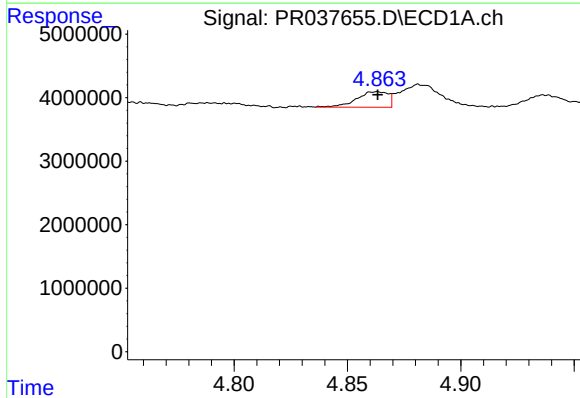
R.T.: 5.654 min
Delta R.T.: -0.005 min
Response: 3854835
Conc: 62.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1221CCC500



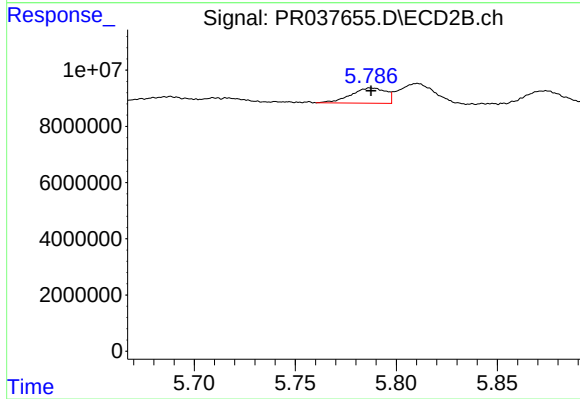
#20 AR-1242-5

R.T.: 6.673 min
Delta R.T.: -0.027 min
Response: 605298
Conc: 4.90 ng/ml



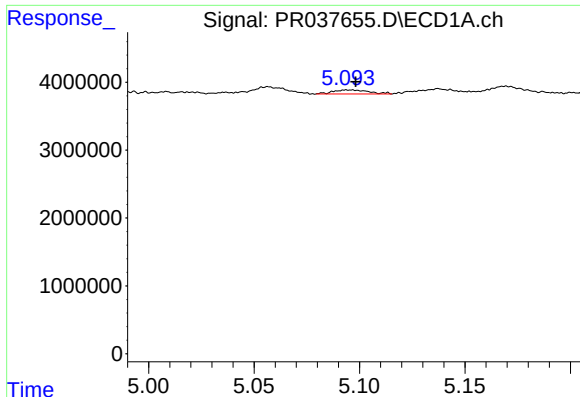
#21 AR-1248-1

R.T.: 4.863 min
Delta R.T.: 0.000 min
Response: 2337307
Conc: 54.47 ng/ml



#21 AR-1248-1

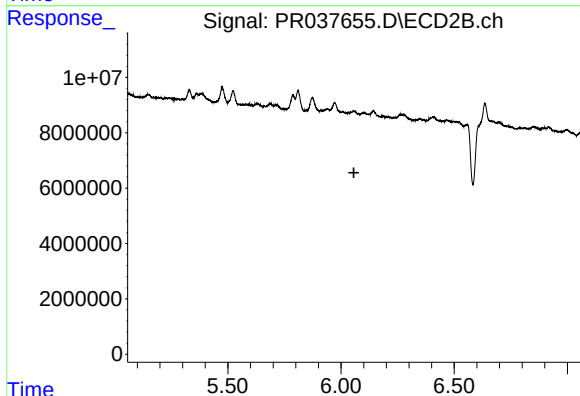
R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 6533254
Conc: 63.62 ng/ml



#22 AR-1248-2

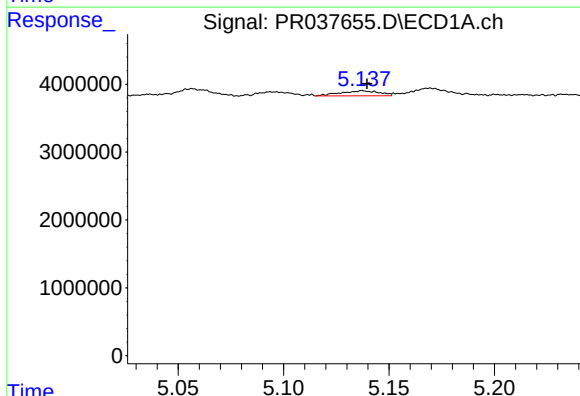
R.T.: 5.095 min
Delta R.T.: -0.003 min
Response: 707775
Conc: 13.09 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1221CCC500



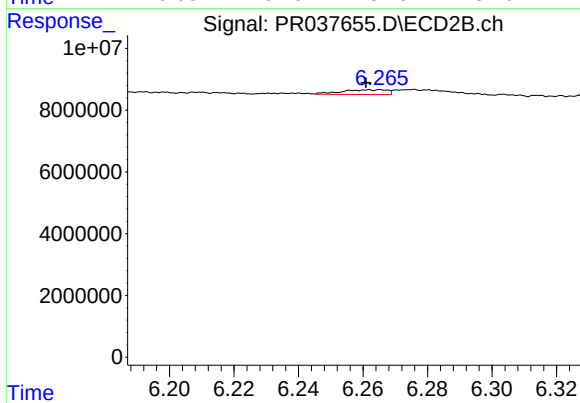
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.057 min
Response: 0
Conc: N.D.



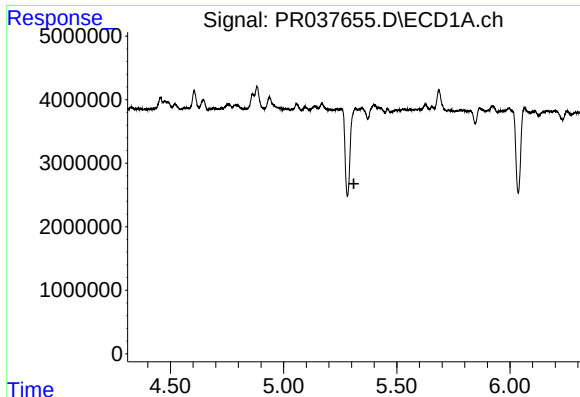
#23 AR-1248-3

R.T.: 5.137 min
Delta R.T.: -0.002 min
Response: 941591
Conc: 16.95 ng/ml



#23 AR-1248-3

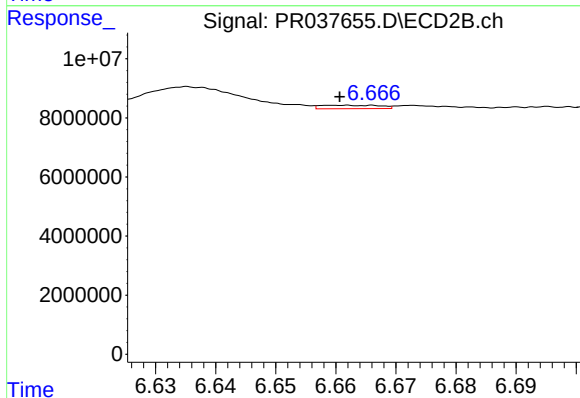
R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 1493074
Conc: 9.05 ng/ml



#24 AR-1248-4

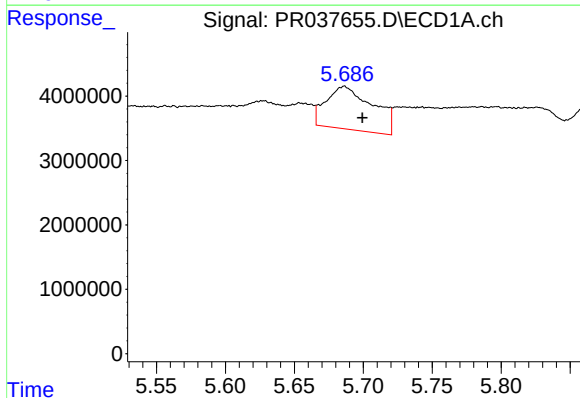
R.T.: 5.317 min
Delta R.T.: 0.006 min
Response: -2348264
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1221CCC500



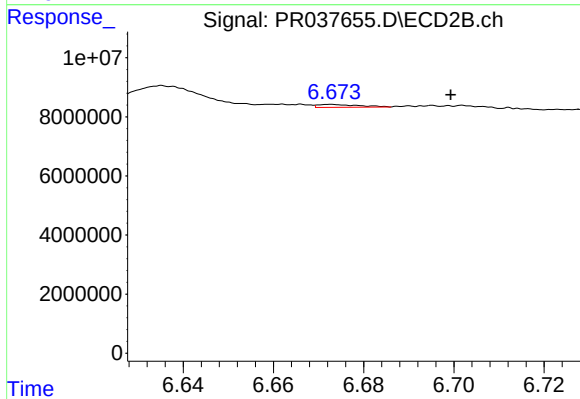
#24 AR-1248-4

R.T.: 6.662 min
Delta R.T.: 0.001 min
Response: 809313
Conc: 4.18 ng/ml



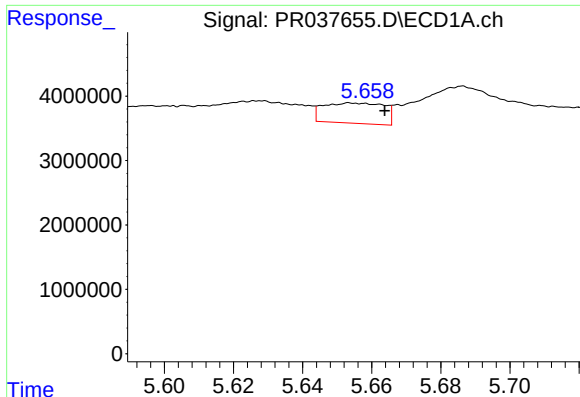
#25 AR-1248-5

R.T.: 5.686 min
Delta R.T.: -0.013 min
Response: 15752519
Conc: 207.81 ng/ml



#25 AR-1248-5

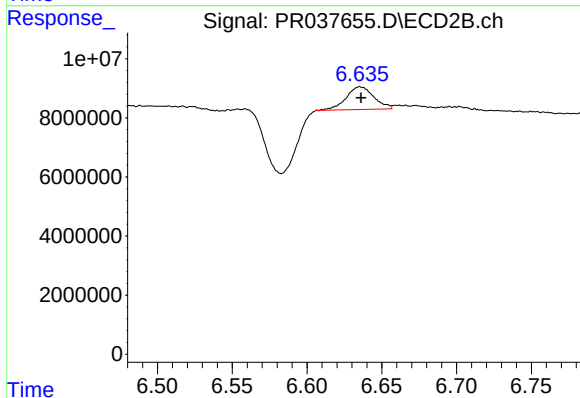
R.T.: 6.673 min
Delta R.T.: -0.026 min
Response: 605298
Conc: 3.26 ng/ml



#26 AR-1254-1

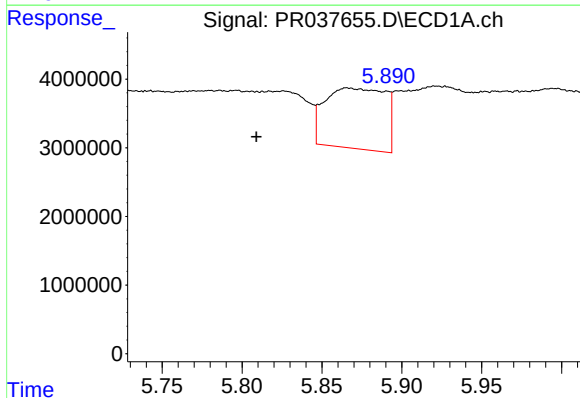
R.T.: 5.654 min
Delta R.T.: -0.009 min
Response: 3854835
Conc: 21.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1221CCC500



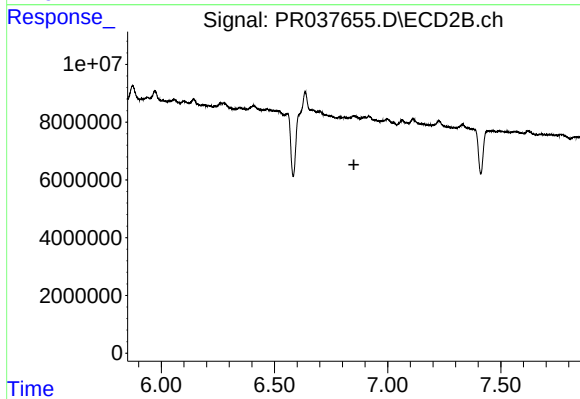
#26 AR-1254-1

R.T.: 6.635 min
Delta R.T.: 0.000 min
Response: 9994024
Conc: 34.52 ng/ml



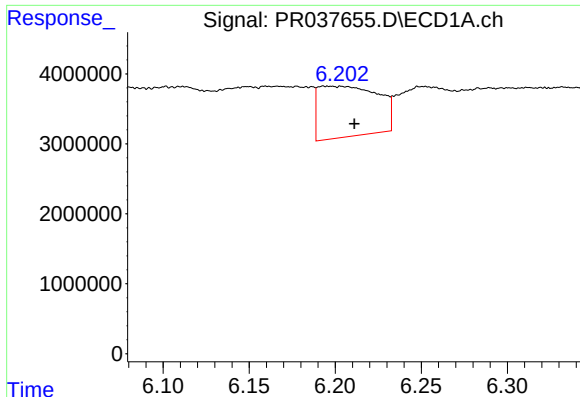
#27 AR-1254-2

R.T.: 5.866 min
Delta R.T.: 0.057 min
Response: 23083017
Conc: 147.66 ng/ml



#27 AR-1254-2

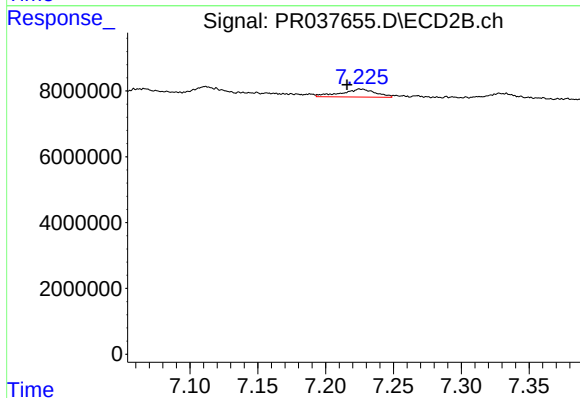
R.T.: 0.000 min
Exp R.T.: 6.851 min
Response: 0
Conc: N.D.



#28 AR-1254-3

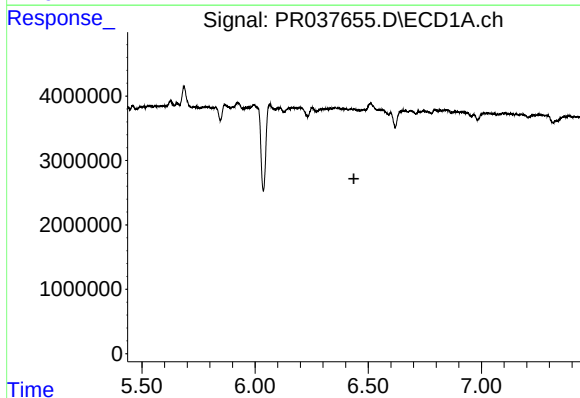
R.T.: 6.204 min
Delta R.T.: -0.008 min
Response: 17515825
Conc: 63.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1221CCC500



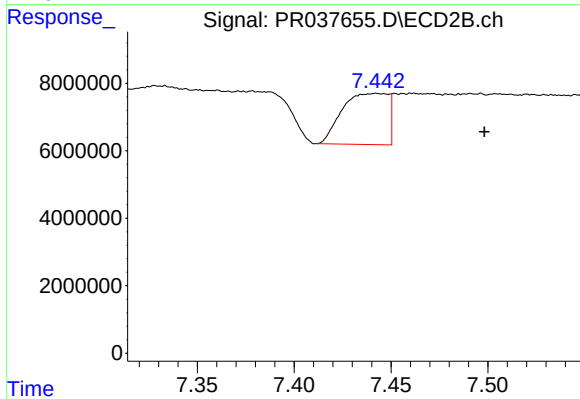
#28 AR-1254-3

R.T.: 7.225 min
Delta R.T.: 0.009 min
Response: 4277778
Conc: 8.15 ng/ml



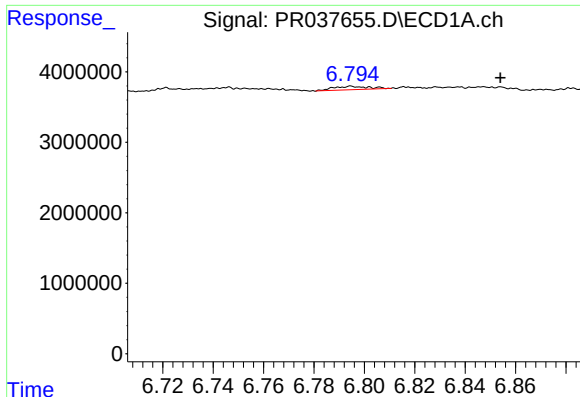
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.437 min
Response: 0
Conc: N.D.



#29 AR-1254-4

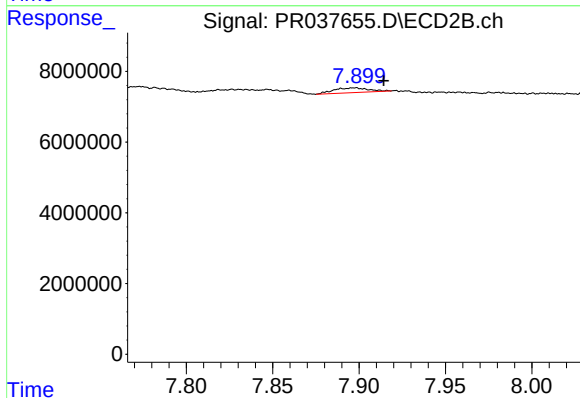
R.T.: 7.442 min
Delta R.T.: -0.056 min
Response: 24889136
Conc: 62.62 ng/ml



#30 AR-1254-5

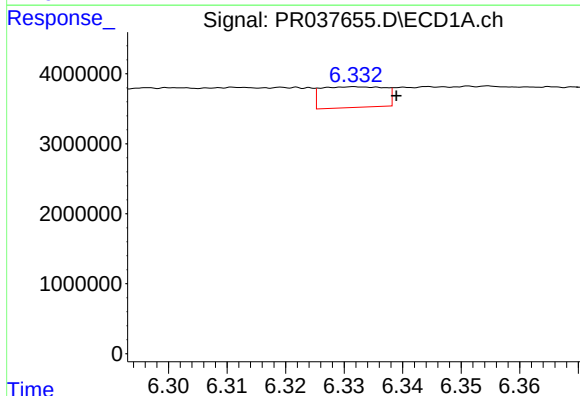
R.T.: 6.795 min
Delta R.T.: -0.059 min
Response: 458587
Conc: 1.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1221CCC500



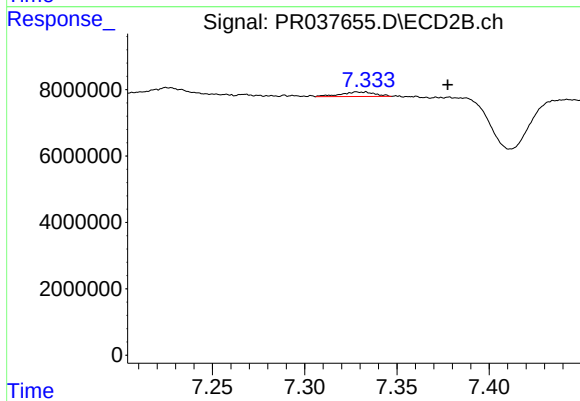
#30 AR-1254-5

R.T.: 7.898 min
Delta R.T.: -0.016 min
Response: 1911438
Conc: 4.50 ng/ml



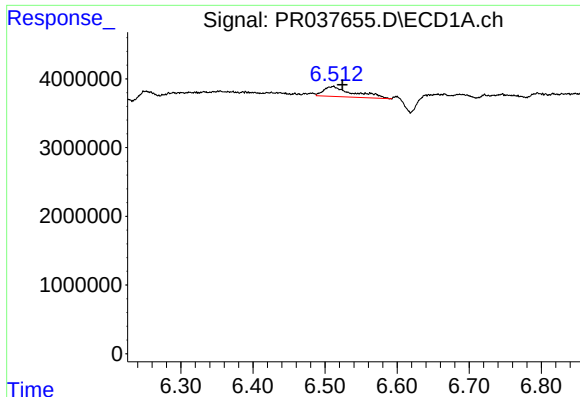
#31 AR-1260-1

R.T.: 6.332 min
Delta R.T.: -0.007 min
Response: 2229102
Conc: 20.35 ng/ml



#31 AR-1260-1

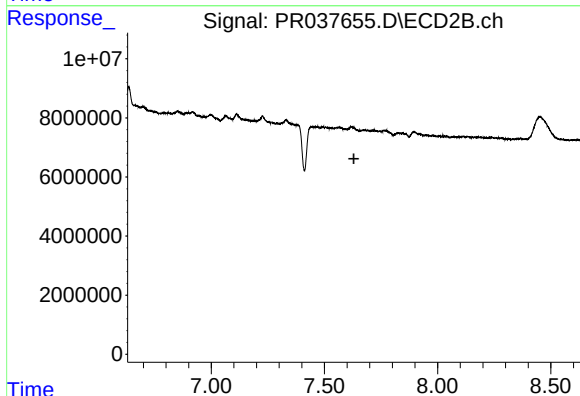
R.T.: 7.328 min
Delta R.T.: -0.049 min
Response: 1741983
Conc: 7.45 ng/ml



#32 AR-1260-2

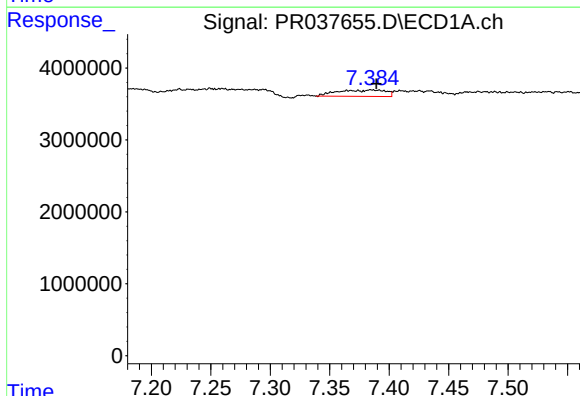
R.T.: 6.512 min
Delta R.T.: -0.013 min
Response: 4173843
Conc: 29.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1221CCC500



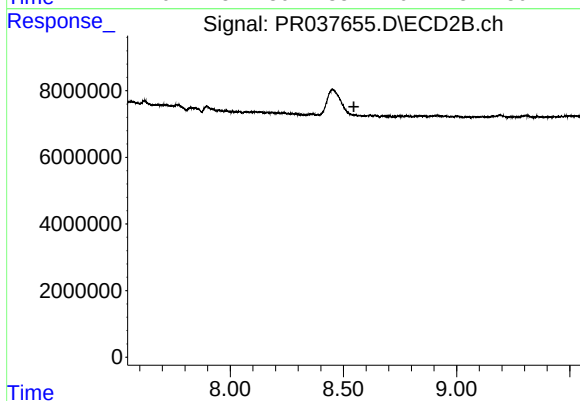
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 7.630 min
Response: 0
Conc: N.D.



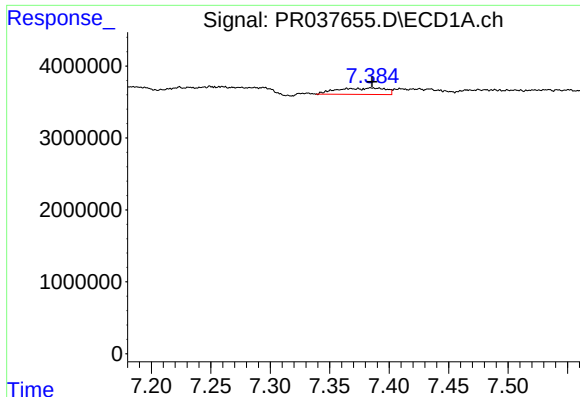
#35 AR-1260-5

R.T.: 7.385 min
Delta R.T.: -0.004 min
Response: 2493732
Conc: 8.34 ng/ml



#35 AR-1260-5

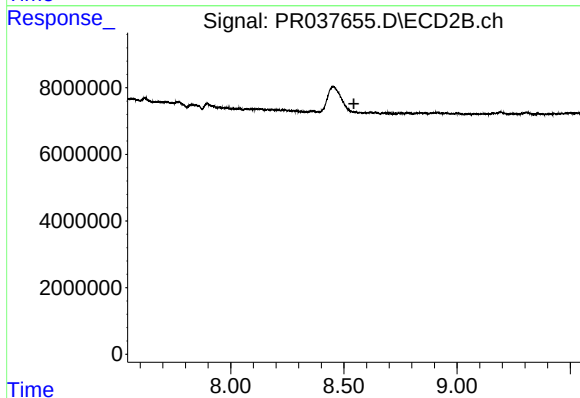
R.T.: 0.000 min
Exp R.T. : 8.546 min
Response: 0
Conc: N.D.



#37 AR-1262-2

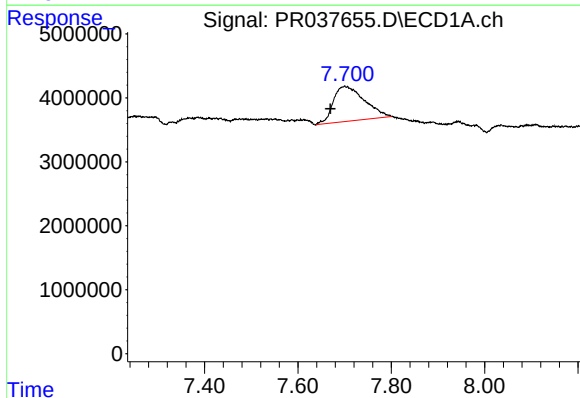
R.T.: 7.385 min
Delta R.T.: 0.000 min
Response: 2493732
Conc: 5.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1221CCC500



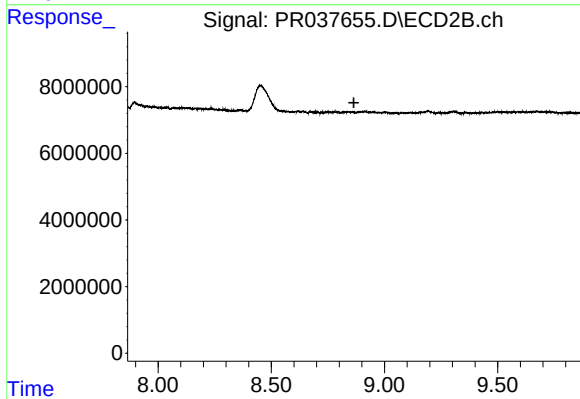
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 8.544 min
Response: 0
Conc: N.D.



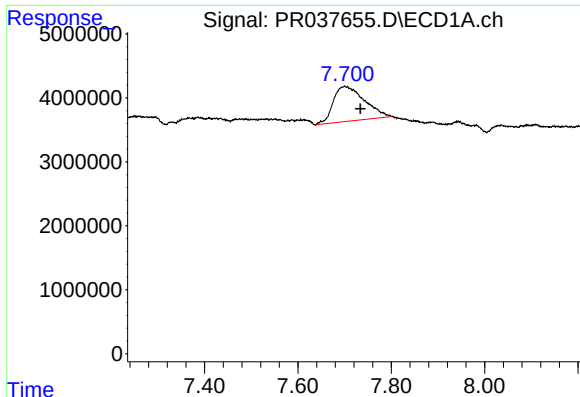
#38 AR-1262-3

R.T.: 7.700 min
Delta R.T.: 0.030 min
Response: 25250109
Conc: 136.20 ng/ml



#38 AR-1262-3

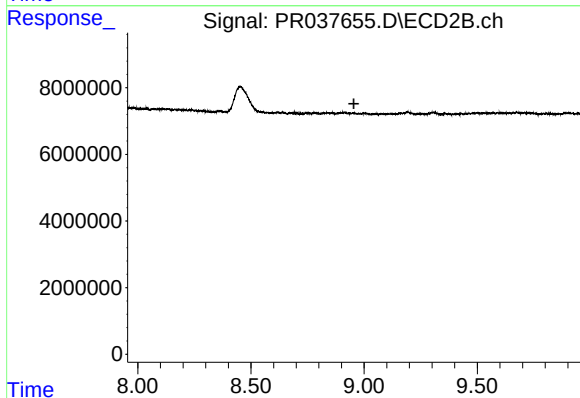
R.T.: 0.000 min
Exp R.T. : 8.865 min
Response: 0
Conc: N.D.



#39 AR-1262-4

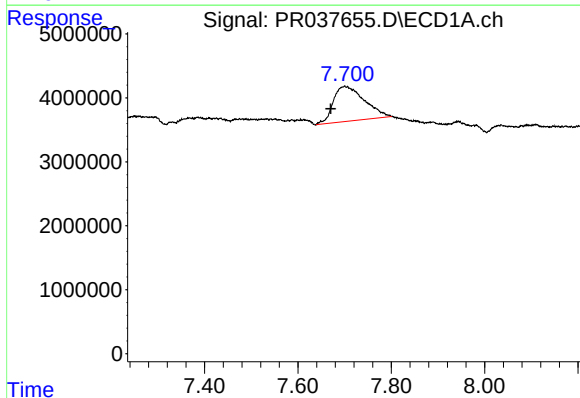
R.T.: 7.700 min
Delta R.T.: -0.034 min
Response: 25250109
Conc: 69.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1221CCC500



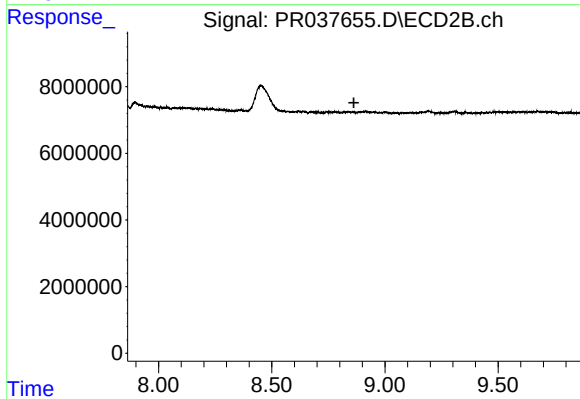
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.955 min
Response: 0
Conc: N.D.



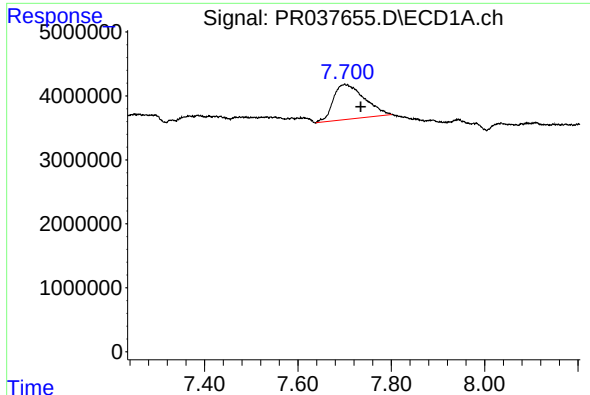
#41 AR-1268-1

R.T.: 7.700 min
Delta R.T.: 0.030 min
Response: 25250109
Conc: 43.08 ng/ml



#41 AR-1268-1

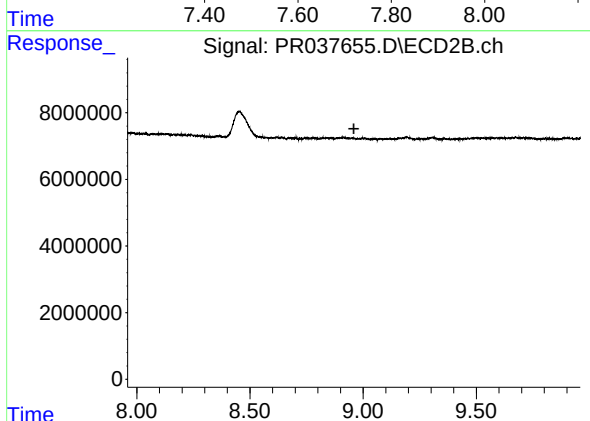
R.T.: 0.000 min
Exp R.T. : 8.863 min
Response: 0
Conc: N.D.



#42 AR-1268-2

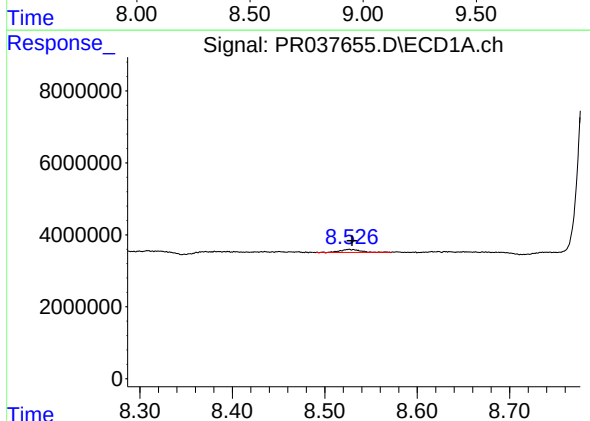
R.T.: 7.700 min
Delta R.T.: -0.034 min
Response: 25250109
Conc: 44.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1221CCC500



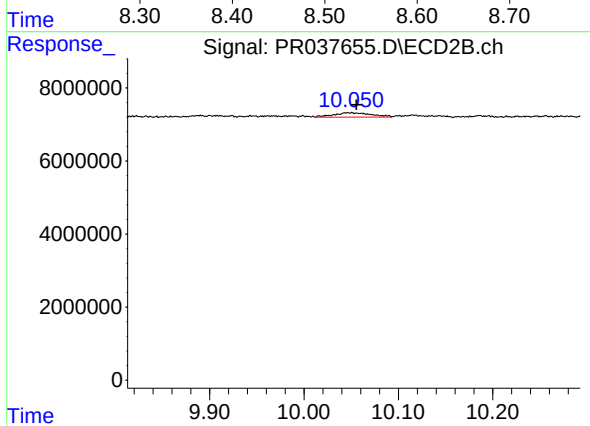
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.959 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.526 min
Delta R.T.: -0.003 min
Response: 1273250
Conc: 0.87 ng/ml



#45 AR-1268-5

R.T.: 10.051 min
Delta R.T.: -0.004 min
Response: 3314216
Conc: 1.24 ng/ml