

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR110221\
 Data File : PR052445.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Nov 2021 19:06
 Operator : AJ\MA
 Sample : M4412-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 03 04:34:10 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...	4.688	3.856	75040447	58555963	19.103	20.502
2)	SA Decachlor...	10.625	8.866	121.9E6	118.8E6	34.694	34.957
Target Compounds							
3)	L1 AR-1016-1	5.890	0.000	229766	0	1.892	N.D. #
4)	L1 AR-1016-2	5.890	0.000	229766	0	1.328	N.D. #
5)	L1 AR-1016-3	5.969	5.177f	530886	383995	4.931	5.398
6)	L1 AR-1016-4	6.063	5.177	512241	383995	5.810	7.053
7)	L1 AR-1016-5	6.361	0.000	364676	0	4.119	N.D. #
8)	L2 AR-1221-1	4.923	0.000	4610730	0	100.573	N.D. #
9)	L2 AR-1221-2	5.005	4.154	728982	723390	14.686	29.943 #
10)	L2 AR-1221-3	5.080	4.266	184612	279458	1.589	3.252 #
11)	L3 AR-1232-1	5.080	4.266	184612	279458	2.382	4.712 #
12)	L3 AR-1232-2	5.598	0.000	1150355	0	28.532	N.D. #
13)	L3 AR-1232-3	5.890	5.177f	229766	383995	3.075	12.843 #
14)	L3 AR-1232-4	6.063	5.250	512241	133757	13.677	5.180 #
15)	L3 AR-1232-5	6.166	0.000	398386	0	12.910	N.D. #
16)	L4 AR-1242-1	5.890	0.000	229766	0	2.308	N.D. #
17)	L4 AR-1242-2	5.890	0.000	229766	0	1.633	N.D. #
18)	L4 AR-1242-3	5.969	5.177f	530886	383995	6.035	6.750
19)	L4 AR-1242-4	6.063	5.250	512241	133757	7.185	2.482 #
20)	L4 AR-1242-5	6.799	5.739	181431	107525	2.379	1.565 #
21)	L5 AR-1248-1	5.890	0.000	229766	0	3.147	N.D. #
22)	L5 AR-1248-2	6.166	5.177	398386	383995	3.716	5.253 #
23)	L5 AR-1248-3	6.361	5.250	364676	133757	3.128	1.715 #
24)	L5 AR-1248-4	6.745	0.000	150806	0	1.181	N.D. #
25)	L5 AR-1248-5	6.799	5.739f	181431	107525	1.472	1.136
26)	L6 AR-1254-1	6.736	5.739	36861	107525	0.277	0.741 #
27)	L6 AR-1254-2	6.953	5.886	210014	354350	1.016	2.825 #
28)	L6 AR-1254-3	7.307	6.266	32203	243620	0.154	1.147 #
29)	L6 AR-1254-4	7.633	0.000	83194	0	0.529	N.D. #
30)	L6 AR-1254-5	8.032	6.991f	1525761	1074988	8.837	5.871 #
31)	L7 AR-1260-1	7.506	0.000	135127	0	0.904	N.D. #
32)	L7 AR-1260-2	7.748	6.594	274900	266262	1.537	1.777
33)	L7 AR-1260-3	0.000	6.764	0	174787	N.D.	1.179 #
34)	L7 AR-1260-4	0.000	7.197	0	332527	N.D.	2.740 #
35)	L7 AR-1260-5	8.630f	7.448	755788	427042	2.332	1.376 #
36)	L8 AR-1262-1	0.000	6.764	0	174787	N.D.	1.384 #
37)	L8 AR-1262-2	8.630f	7.448	755788	427042	2.010	1.255 #
38)	L8 AR-1262-3	9.042	7.781	743614	588212	4.392	4.218
39)	L8 AR-1262-4	9.105	7.781	253563	588212	2.142	2.188
40)	L8 AR-1262-5	9.810	8.315	231265	734501	1.561	5.336 #
41)	L9 AR-1268-1	9.042	7.781f	743614	588212	1.674	1.476

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ALS Vial : 20 Sample Multiplier: 1

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Quant Time: Nov 03 04:34:10 2021
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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
42)	L9 AR-1268-2	9.105	7.781	253563	588212	0.625	1.515 #
43)	L9 AR-1268-3	9.355	7.994	317068	604508	0.905	1.775 #
44)	L9 AR-1268-4	9.810	8.315	231265	734501	1.420	4.923 #
45)	L9 AR-1268-5	10.265	8.603	1102785	675081	0.967	0.571 #

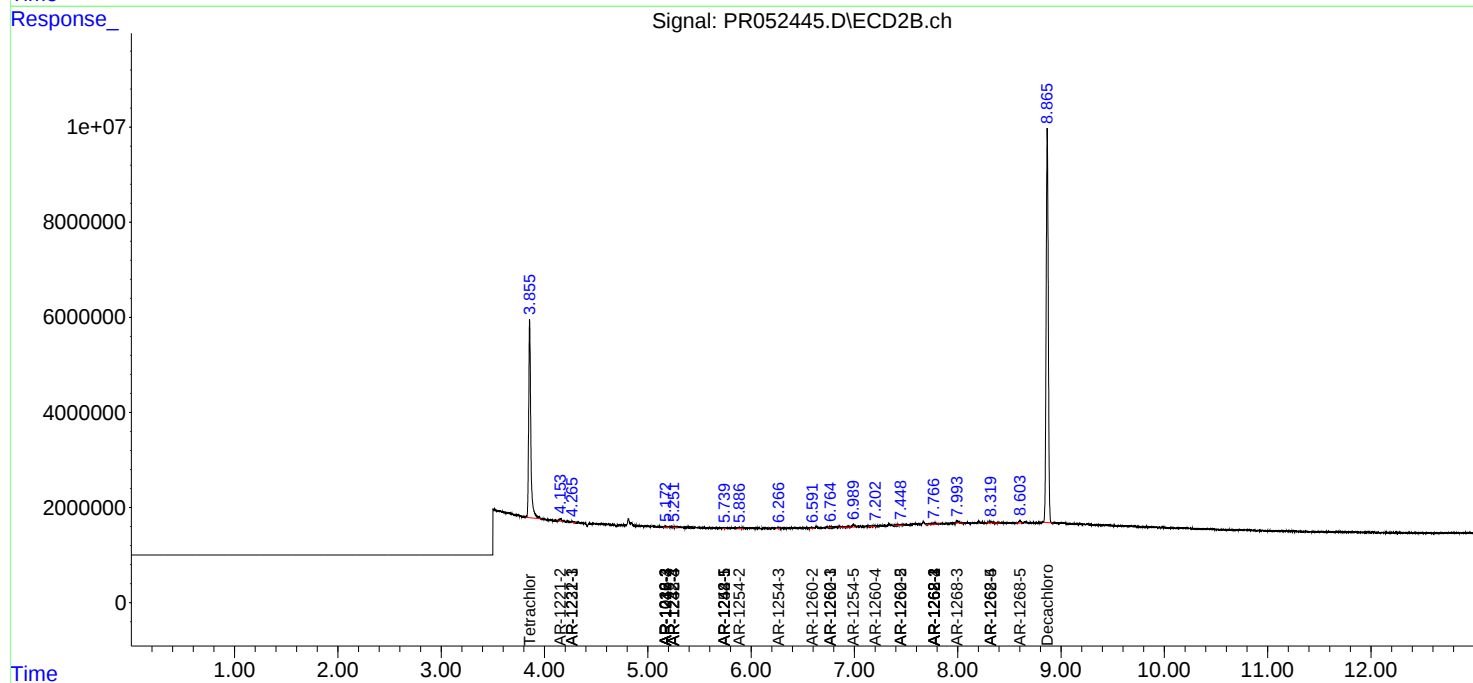
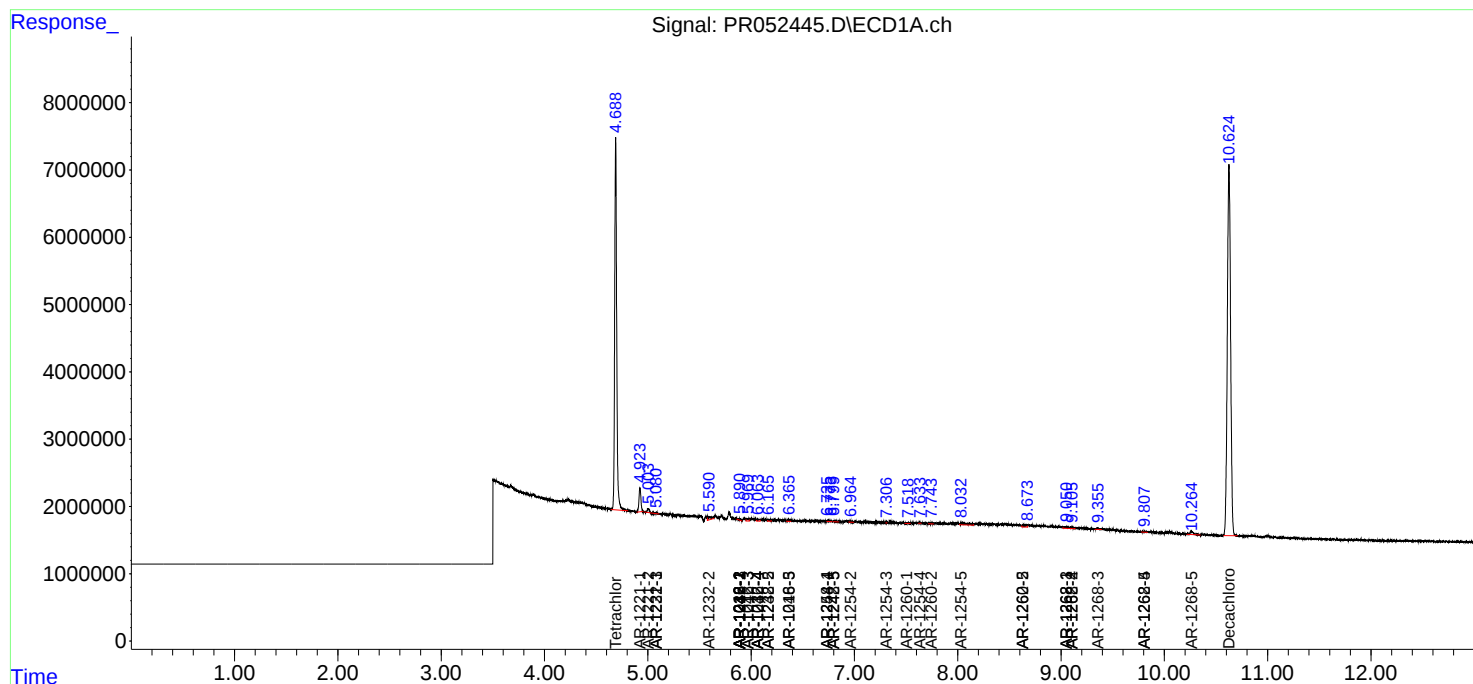
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

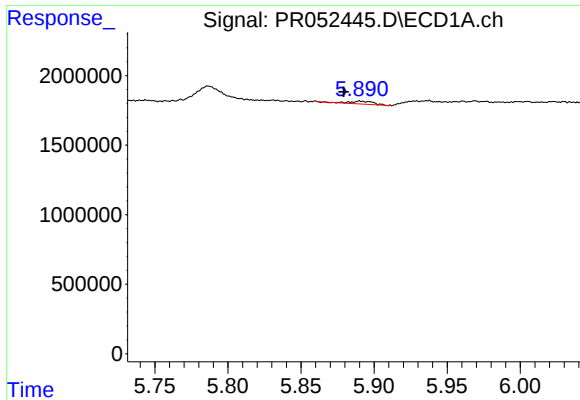
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Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

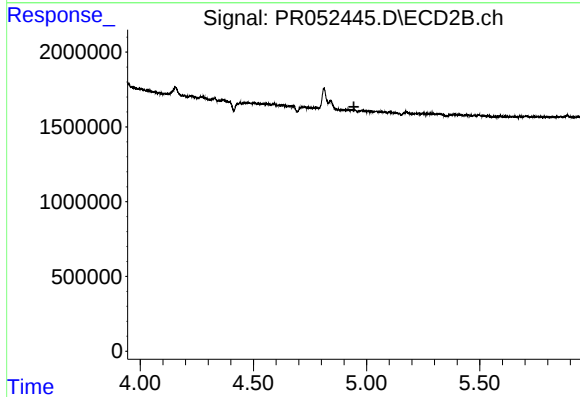




#3 AR-1016-1

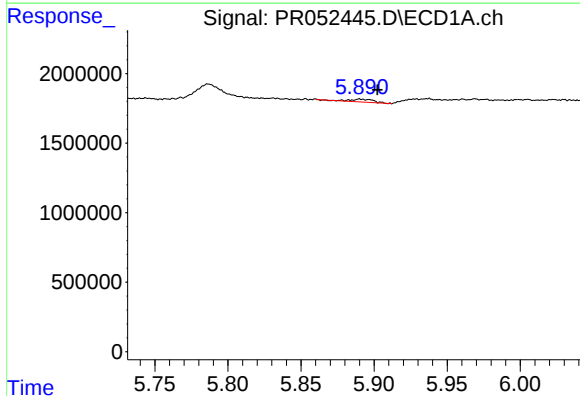
R.T.: 5.890 min
Delta R.T.: 0.011 min
Response: 229766
Conc: 1.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



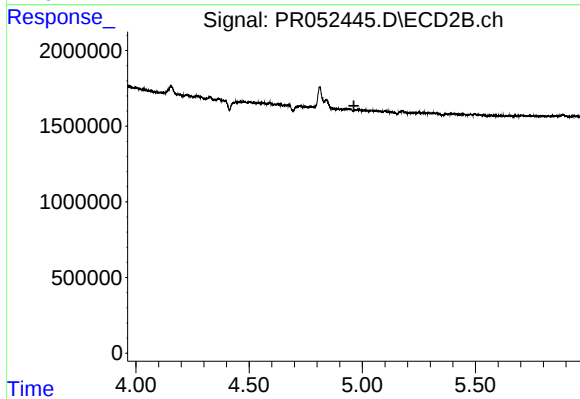
#3 AR-1016-1

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



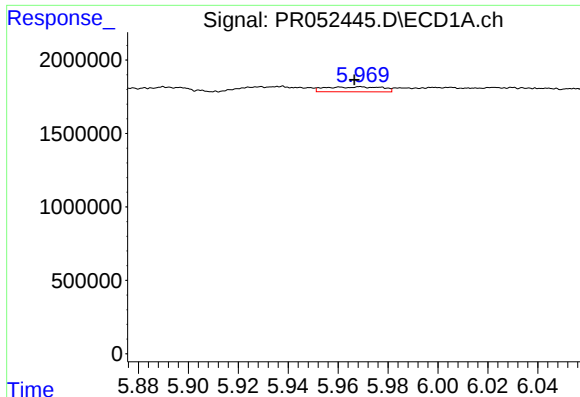
#4 AR-1016-2

R.T.: 5.890 min
Delta R.T.: -0.012 min
Response: 229766
Conc: 1.33 ng/ml



#4 AR-1016-2

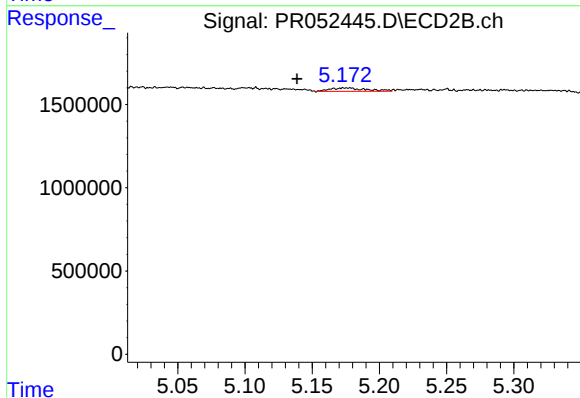
R.T.: 0.000 min
Exp R.T. : 4.963 min
Response: 0
Conc: N.D.



#5 AR-1016-3

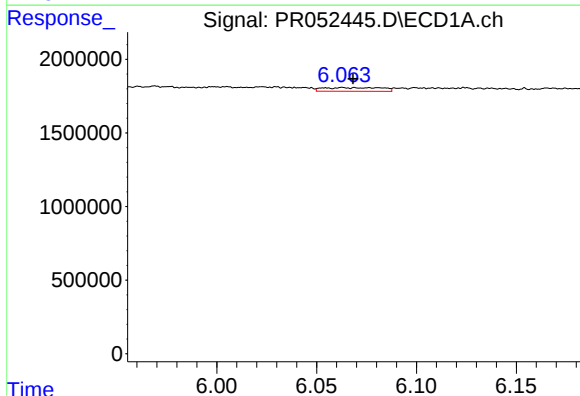
R.T.: 5.969 min
Delta R.T.: 0.002 min
Response: 530886
Conc: 4.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



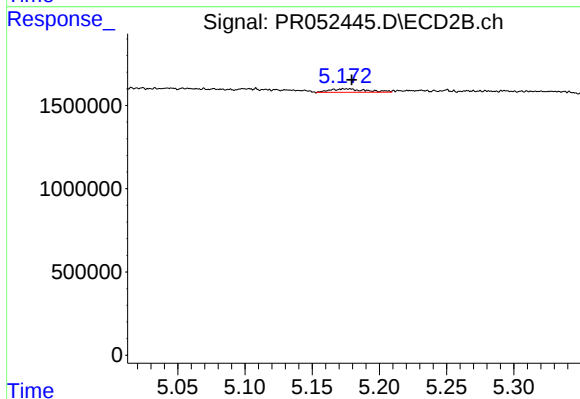
#5 AR-1016-3

R.T.: 5.177 min
Delta R.T.: 0.038 min
Response: 383995
Conc: 5.40 ng/ml



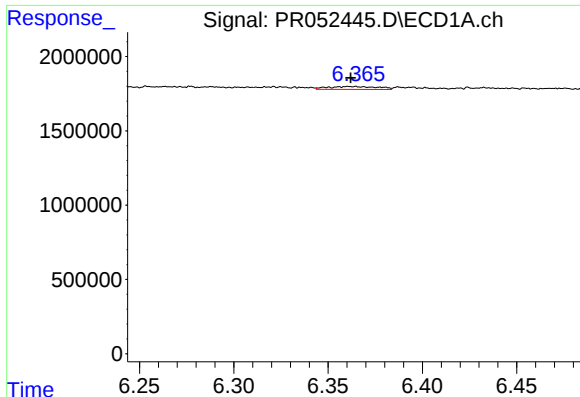
#6 AR-1016-4

R.T.: 6.063 min
Delta R.T.: -0.005 min
Response: 512241
Conc: 5.81 ng/ml



#6 AR-1016-4

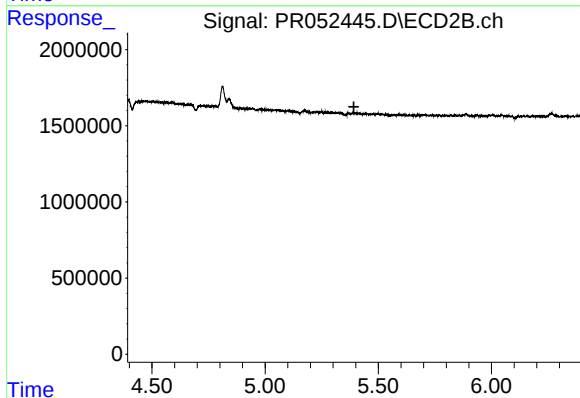
R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 383995
Conc: 7.05 ng/ml



#7 AR-1016-5

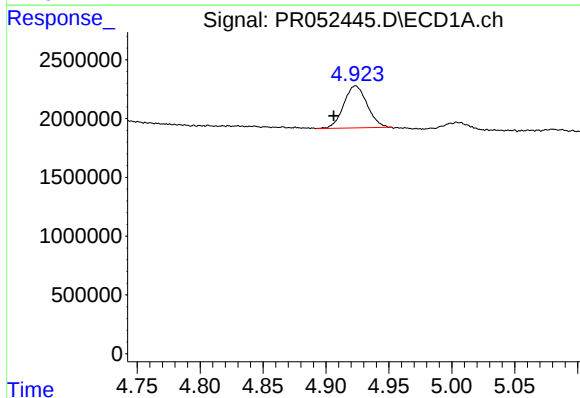
R.T.: 6.361 min
Delta R.T.: -0.001 min
Response: 364676
Conc: 4.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



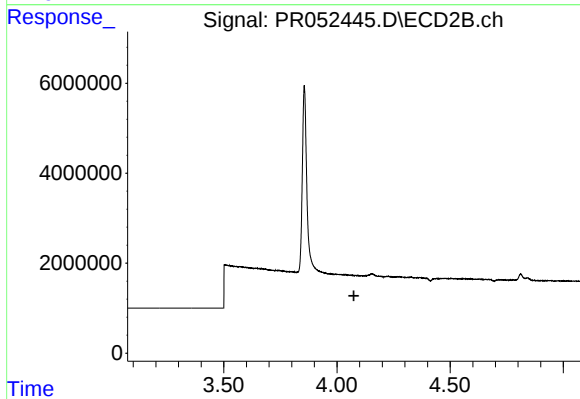
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.392 min
Response: 0
Conc: N.D.



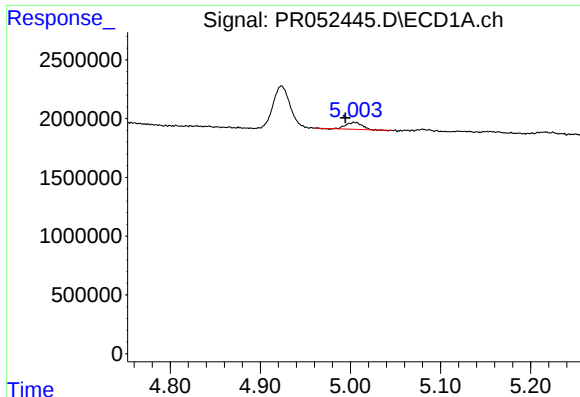
#8 AR-1221-1

R.T.: 4.923 min
Delta R.T.: 0.017 min
Response: 4610730
Conc: 100.57 ng/ml



#8 AR-1221-1

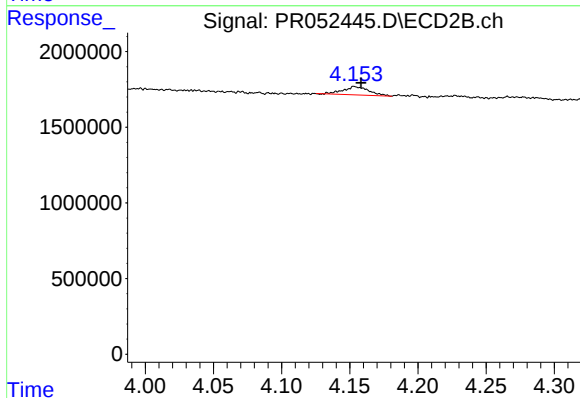
R.T.: 0.000 min
Exp R.T. : 4.075 min
Response: 0
Conc: N.D.



#9 AR-1221-2

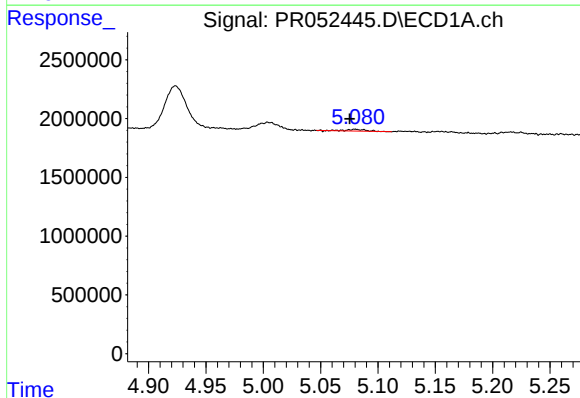
R.T.: 5.005 min
Delta R.T.: 0.010 min
Response: 728982
Conc: 14.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



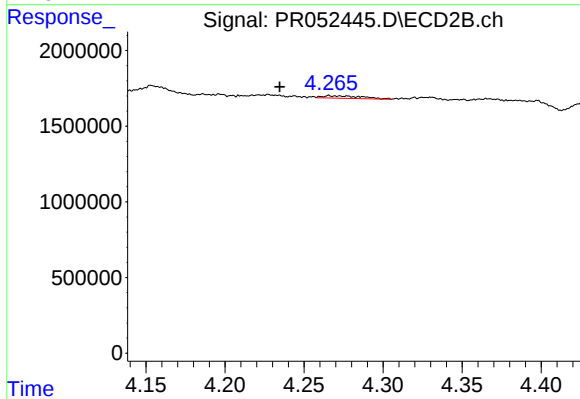
#9 AR-1221-2

R.T.: 4.154 min
Delta R.T.: -0.005 min
Response: 723390
Conc: 29.94 ng/ml



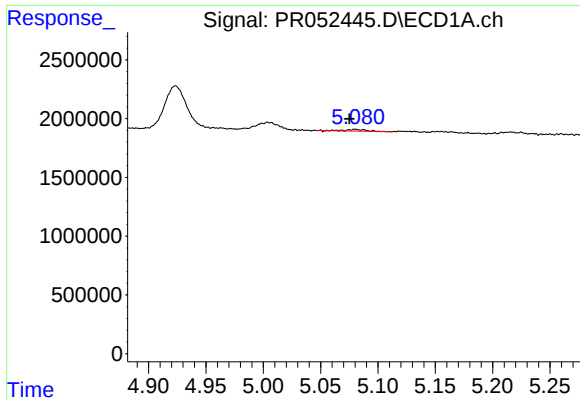
#10 AR-1221-3

R.T.: 5.080 min
Delta R.T.: 0.005 min
Response: 184612
Conc: 1.59 ng/ml



#10 AR-1221-3

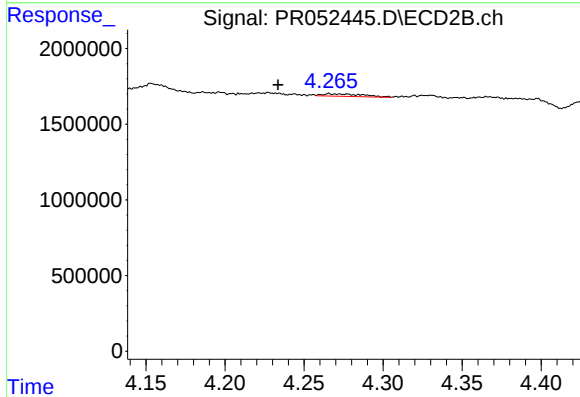
R.T.: 4.266 min
Delta R.T.: 0.031 min
Response: 279458
Conc: 3.25 ng/ml



#11 AR-1232-1

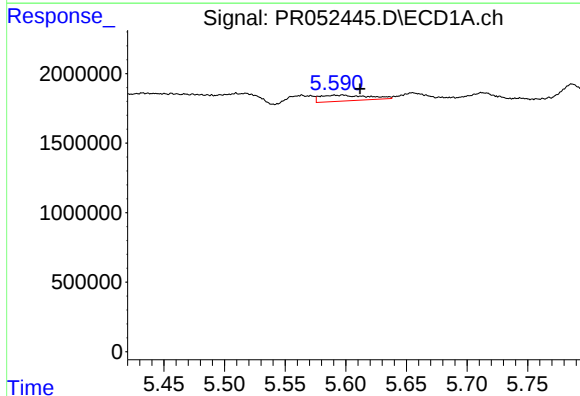
R.T.: 5.080 min
Delta R.T.: 0.005 min
Response: 184612
Conc: 2.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



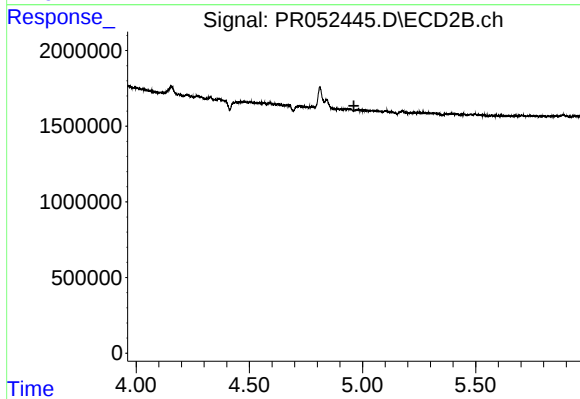
#11 AR-1232-1

R.T.: 4.266 min
Delta R.T.: 0.032 min
Response: 279458
Conc: 4.71 ng/ml



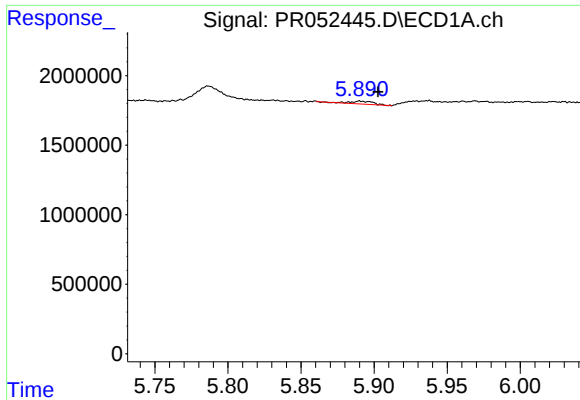
#12 AR-1232-2

R.T.: 5.598 min
Delta R.T.: -0.014 min
Response: 1150355
Conc: 28.53 ng/ml



#12 AR-1232-2

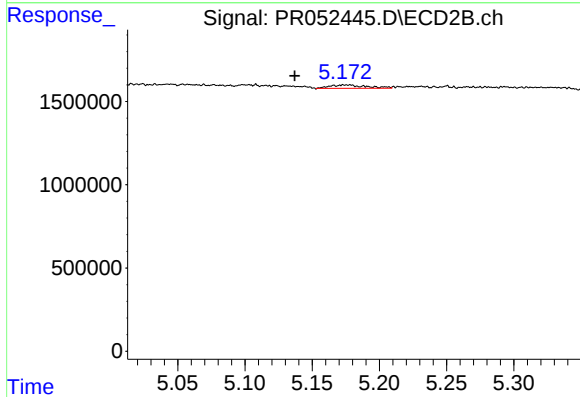
R.T.: 0.000 min
Exp R.T.: 4.962 min
Response: 0
Conc: N.D.



#13 AR-1232-3

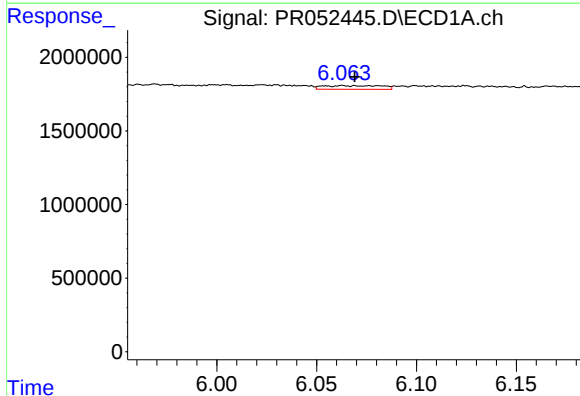
R.T.: 5.890 min
Delta R.T.: -0.012 min
Response: 229766
Conc: 3.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



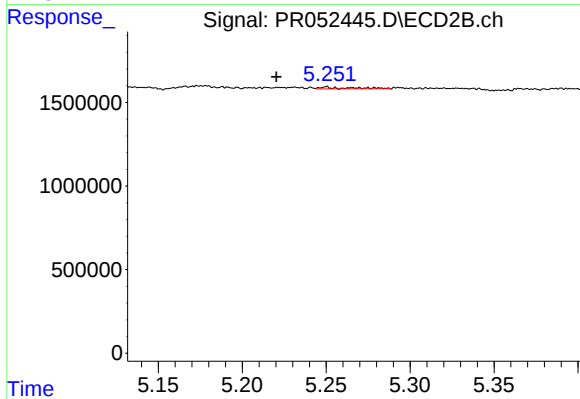
#13 AR-1232-3

R.T.: 5.177 min
Delta R.T.: 0.040 min
Response: 383995
Conc: 12.84 ng/ml



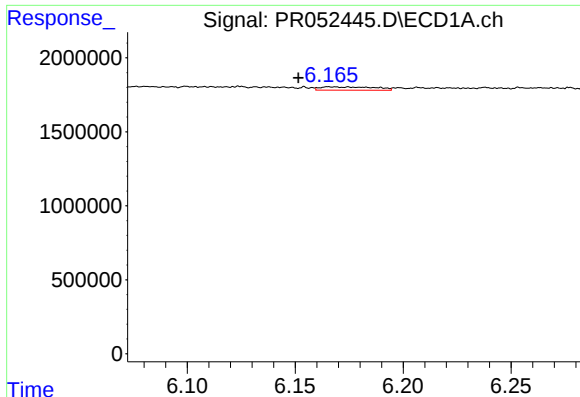
#14 AR-1232-4

R.T.: 6.063 min
Delta R.T.: -0.006 min
Response: 512241
Conc: 13.68 ng/ml



#14 AR-1232-4

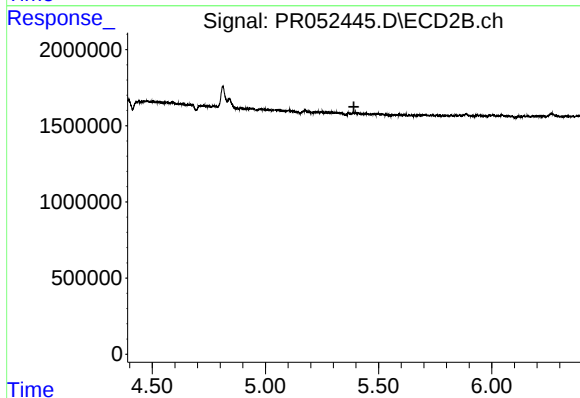
R.T.: 5.250 min
Delta R.T.: 0.030 min
Response: 133757
Conc: 5.18 ng/ml



#15 AR-1232-5

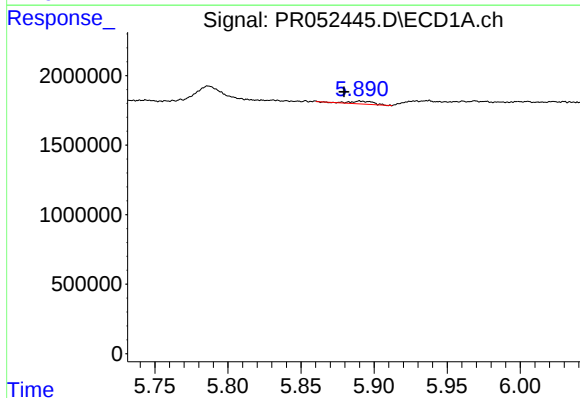
R.T.: 6.166 min
Delta R.T.: 0.015 min
Response: 398386
Conc: 12.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



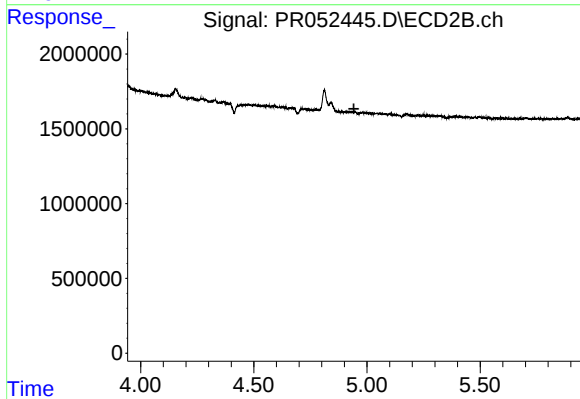
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.391 min
Response: 0
Conc: N.D.



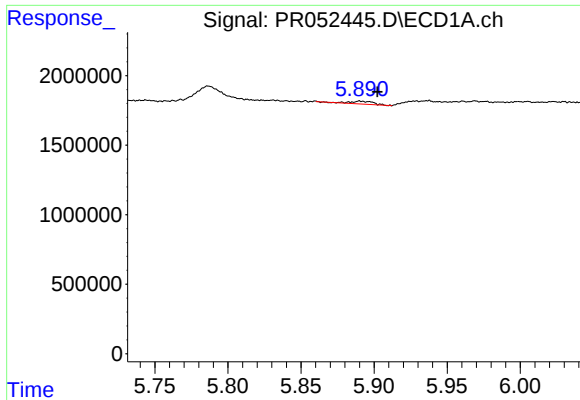
#16 AR-1242-1

R.T.: 5.890 min
Delta R.T.: 0.011 min
Response: 229766
Conc: 2.31 ng/ml



#16 AR-1242-1

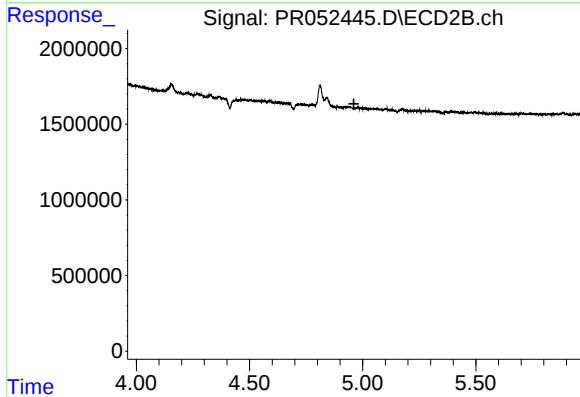
R.T.: 0.000 min
Exp R.T. : 4.942 min
Response: 0
Conc: N.D.



#17 AR-1242-2

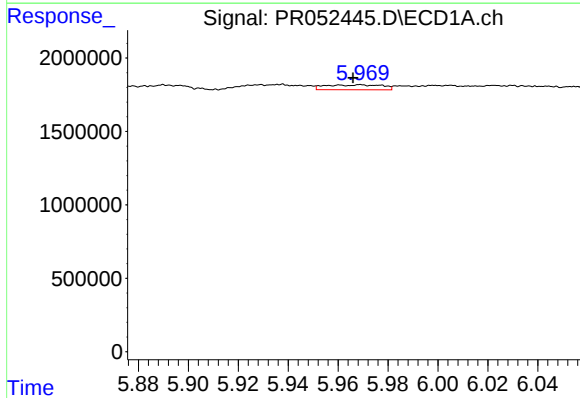
R.T.: 5.890 min
Delta R.T.: -0.012 min
Response: 229766
Conc: 1.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



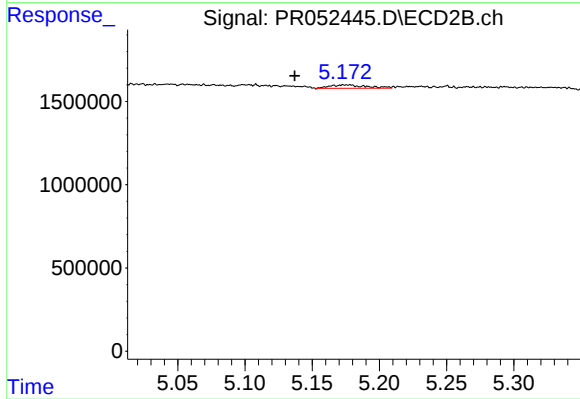
#17 AR-1242-2

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



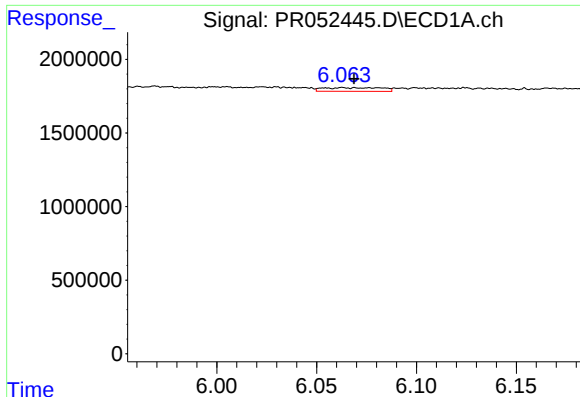
#18 AR-1242-3

R.T.: 5.969 min
Delta R.T.: 0.003 min
Response: 530886
Conc: 6.04 ng/ml



#18 AR-1242-3

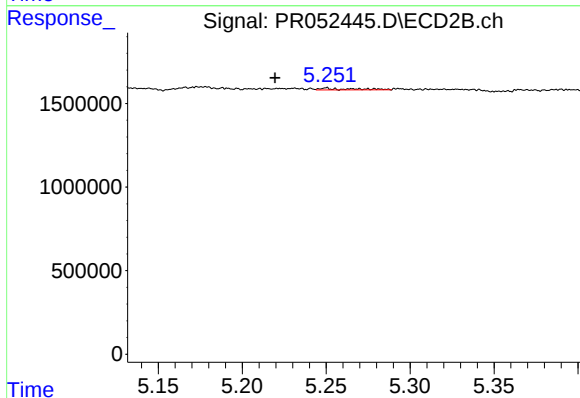
R.T.: 5.177 min
Delta R.T.: 0.040 min
Response: 383995
Conc: 6.75 ng/ml



#19 AR-1242-4

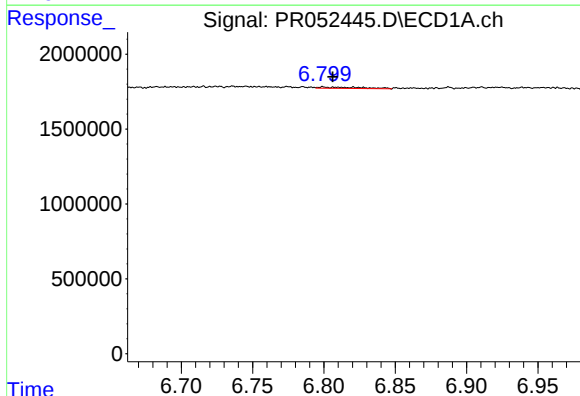
R.T.: 6.063 min
Delta R.T.: -0.006 min
Response: 512241
Conc: 7.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



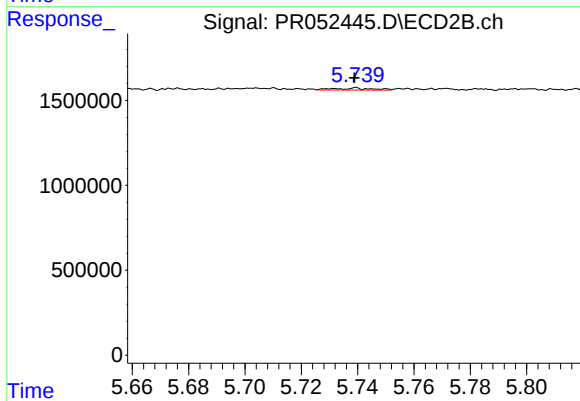
#19 AR-1242-4

R.T.: 5.250 min
Delta R.T.: 0.030 min
Response: 133757
Conc: 2.48 ng/ml



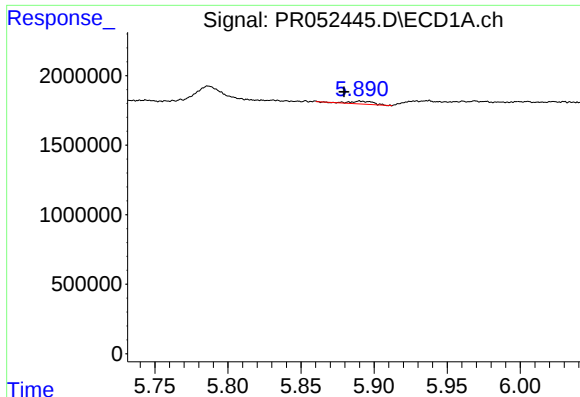
#20 AR-1242-5

R.T.: 6.799 min
Delta R.T.: -0.007 min
Response: 181431
Conc: 2.38 ng/ml



#20 AR-1242-5

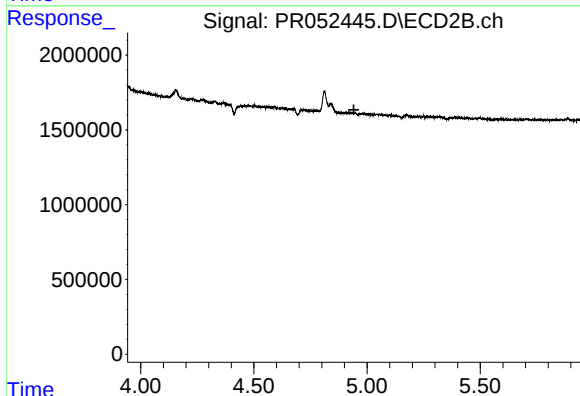
R.T.: 5.739 min
Delta R.T.: 0.000 min
Response: 107525
Conc: 1.56 ng/ml



#21 AR-1248-1

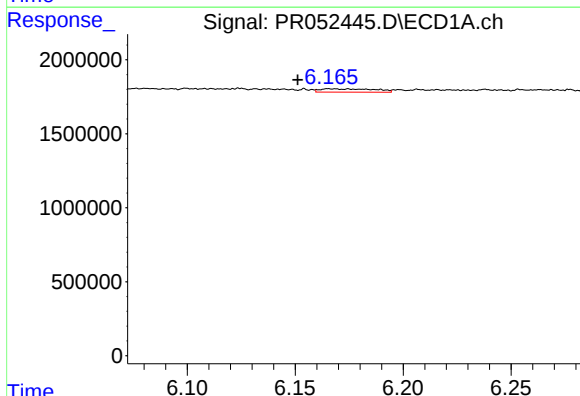
R.T.: 5.890 min
Delta R.T.: 0.011 min
Response: 229766
Conc: 3.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



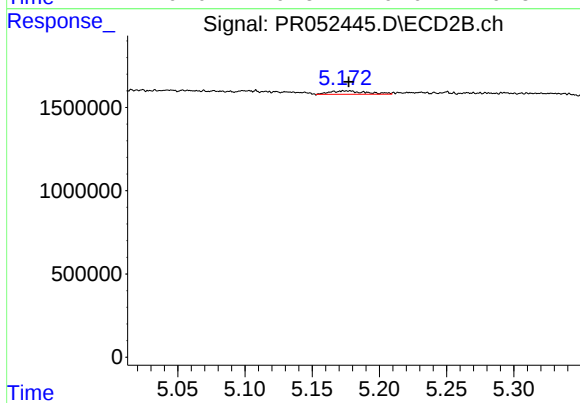
#21 AR-1248-1

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



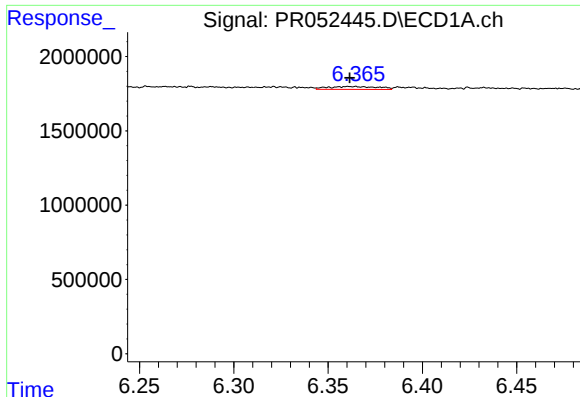
#22 AR-1248-2

R.T.: 6.166 min
Delta R.T.: 0.015 min
Response: 398386
Conc: 3.72 ng/ml



#22 AR-1248-2

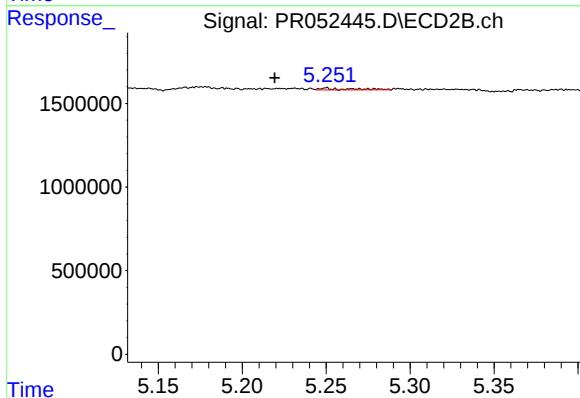
R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 383995
Conc: 5.25 ng/ml



#23 AR-1248-3

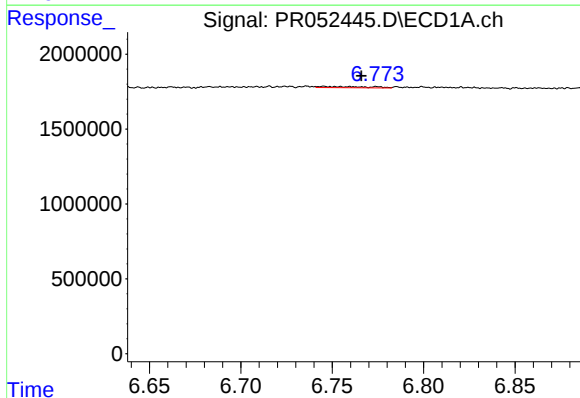
R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 364676
Conc: 3.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



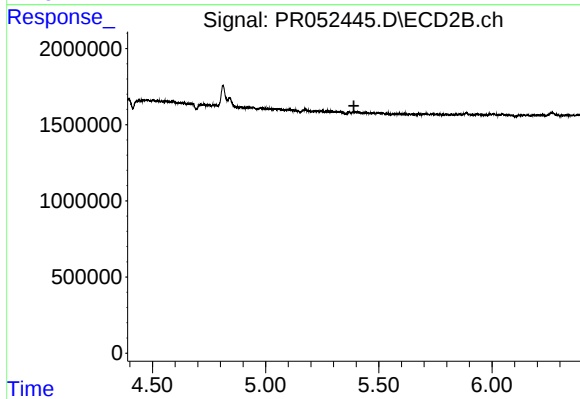
#23 AR-1248-3

R.T.: 5.250 min
Delta R.T.: 0.031 min
Response: 133757
Conc: 1.71 ng/ml



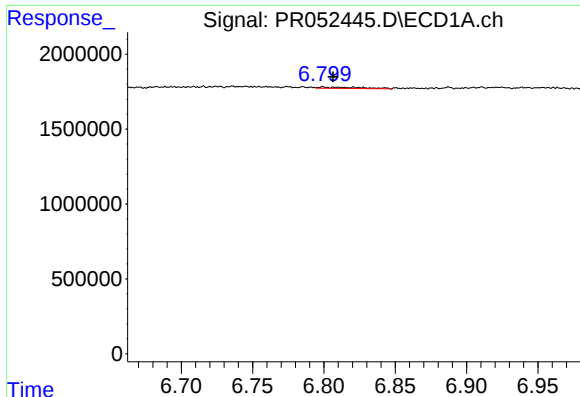
#24 AR-1248-4

R.T.: 6.745 min
Delta R.T.: -0.021 min
Response: 150806
Conc: 1.18 ng/ml



#24 AR-1248-4

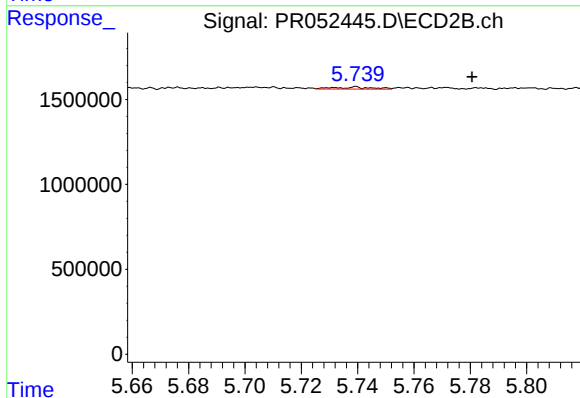
R.T.: 0.000 min
Exp R.T.: 5.390 min
Response: 0
Conc: N.D.



#25 AR-1248-5

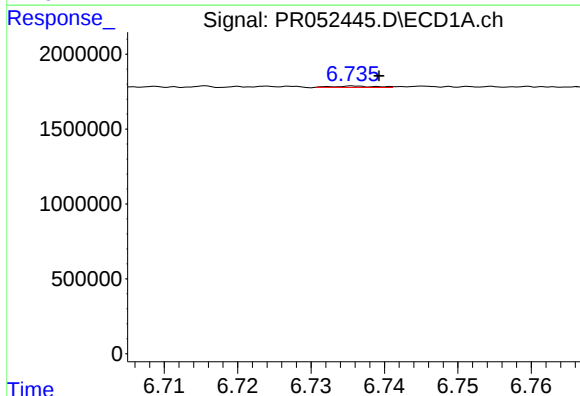
R.T.: 6.799 min
Delta R.T.: -0.007 min
Response: 181431
Conc: 1.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



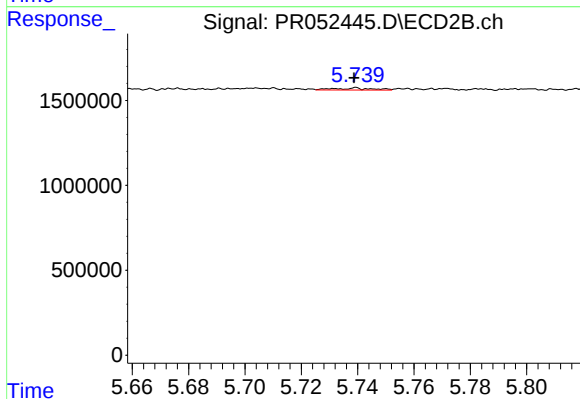
#25 AR-1248-5

R.T.: 5.739 min
Delta R.T.: -0.041 min
Response: 107525
Conc: 1.14 ng/ml



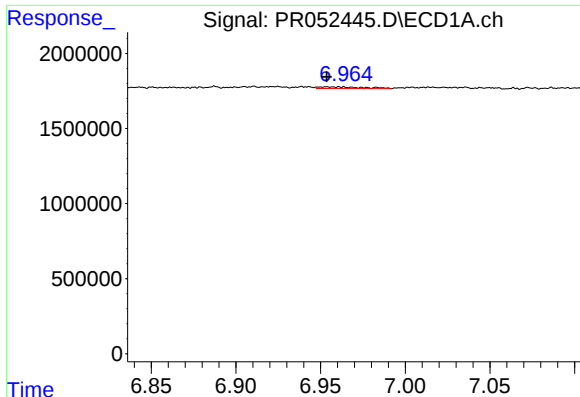
#26 AR-1254-1

R.T.: 6.736 min
Delta R.T.: -0.003 min
Response: 36861
Conc: 0.28 ng/ml



#26 AR-1254-1

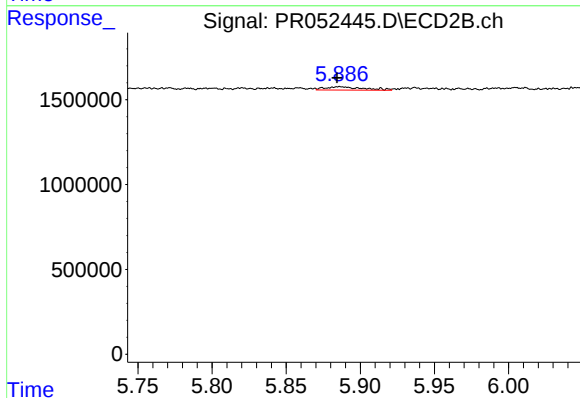
R.T.: 5.739 min
Delta R.T.: 0.000 min
Response: 107525
Conc: 0.74 ng/ml



#27 AR-1254-2

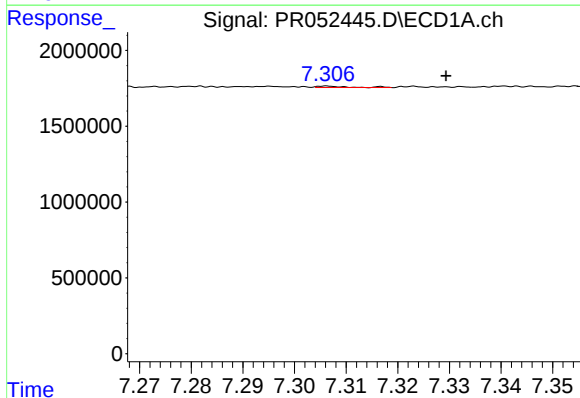
R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 210014
Conc: 1.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



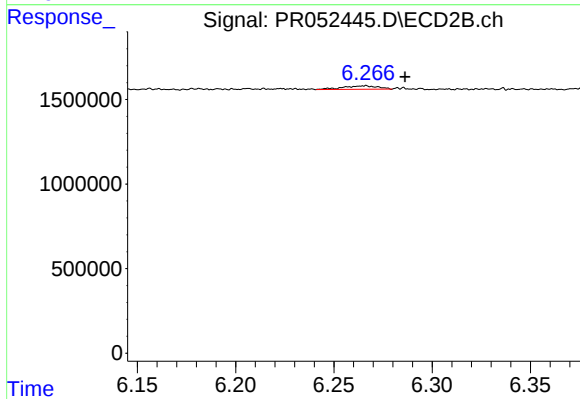
#27 AR-1254-2

R.T.: 5.886 min
Delta R.T.: 0.002 min
Response: 354350
Conc: 2.82 ng/ml



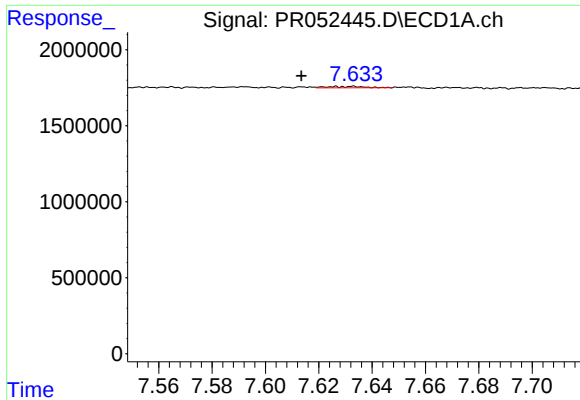
#28 AR-1254-3

R.T.: 7.307 min
Delta R.T.: -0.023 min
Response: 32203
Conc: 0.15 ng/ml



#28 AR-1254-3

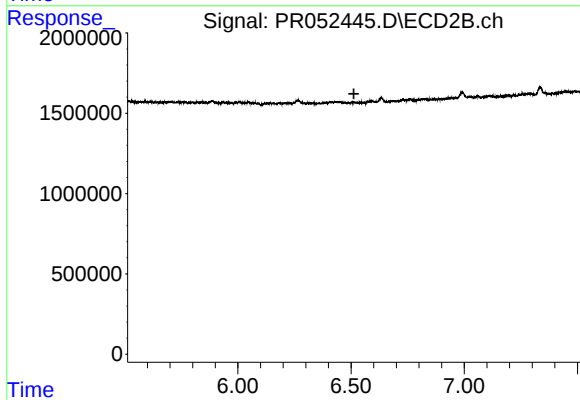
R.T.: 6.266 min
Delta R.T.: -0.020 min
Response: 243620
Conc: 1.15 ng/ml



#29 AR-1254-4

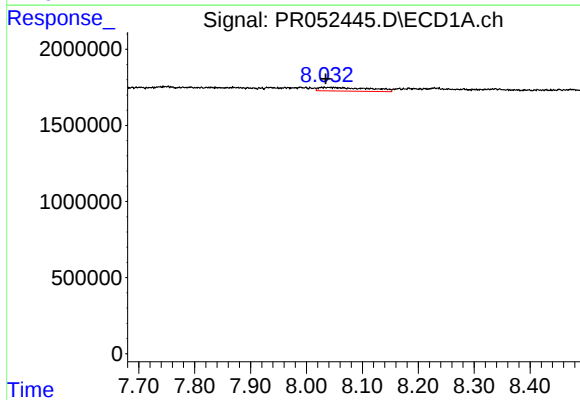
R.T.: 7.633 min
Delta R.T.: 0.020 min
Response: 83194
Conc: 0.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



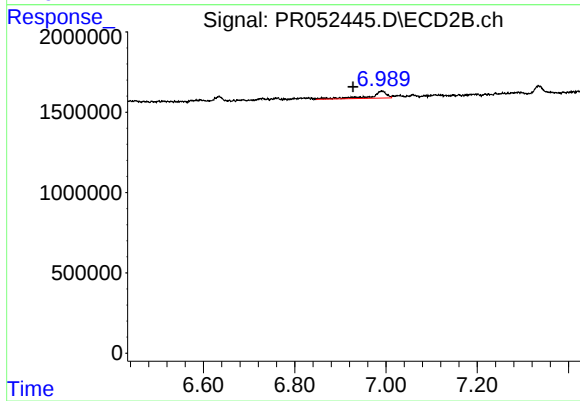
#29 AR-1254-4

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



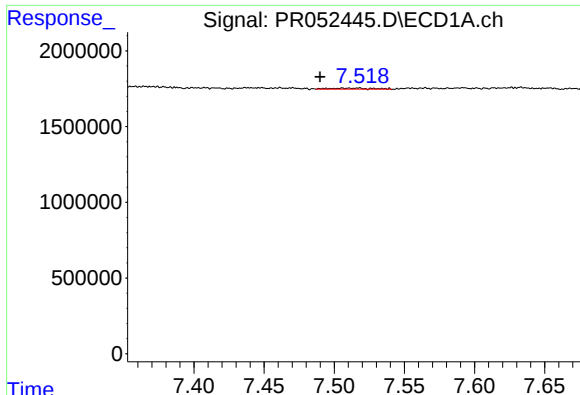
#30 AR-1254-5

R.T.: 8.032 min
Delta R.T.: -0.003 min
Response: 1525761
Conc: 8.84 ng/ml



#30 AR-1254-5

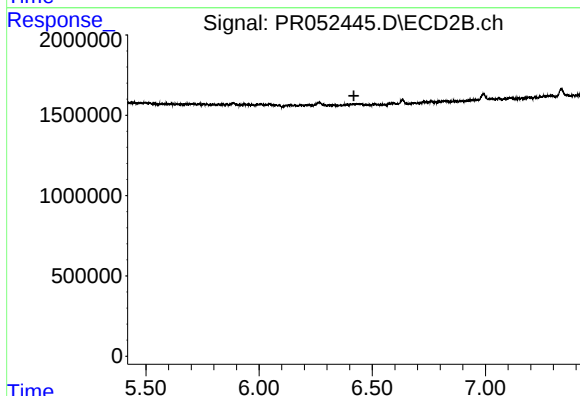
R.T.: 6.991 min
Delta R.T.: 0.063 min
Response: 1074988
Conc: 5.87 ng/ml



#31 AR-1260-1

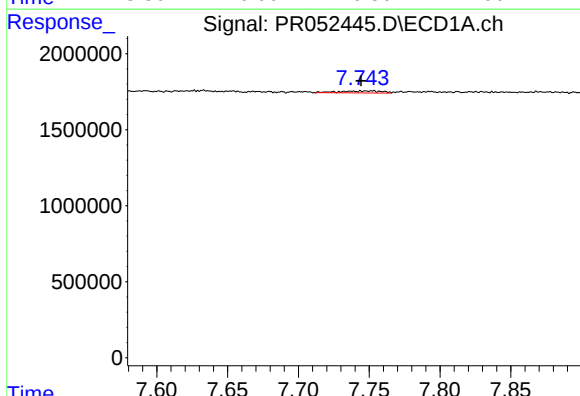
R.T.: 7.506 min
Delta R.T.: 0.016 min
Response: 135127
Conc: 0.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



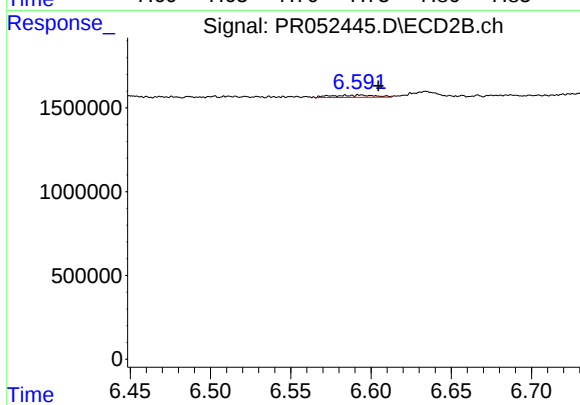
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.419 min
Response: 0
Conc: N.D.



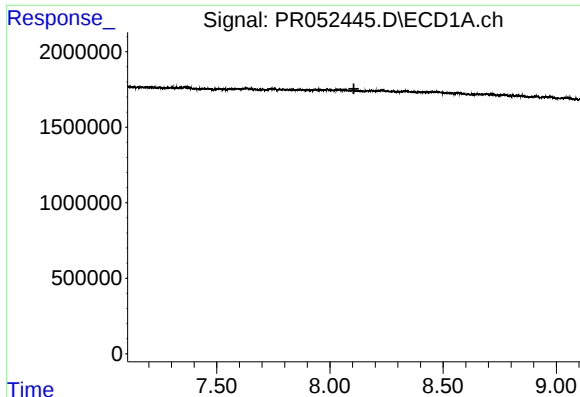
#32 AR-1260-2

R.T.: 7.748 min
Delta R.T.: 0.003 min
Response: 274900
Conc: 1.54 ng/ml



#32 AR-1260-2

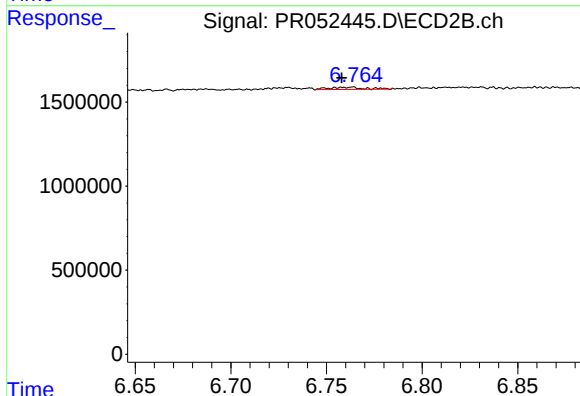
R.T.: 6.594 min
Delta R.T.: -0.011 min
Response: 266262
Conc: 1.78 ng/ml



#33 AR-1260-3

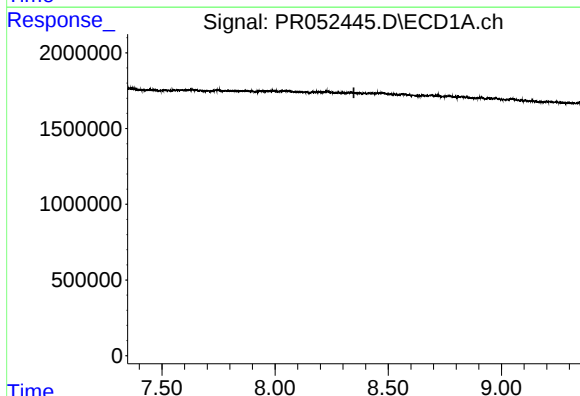
R.T.: 0.000 min
Exp R.T.: 8.106 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



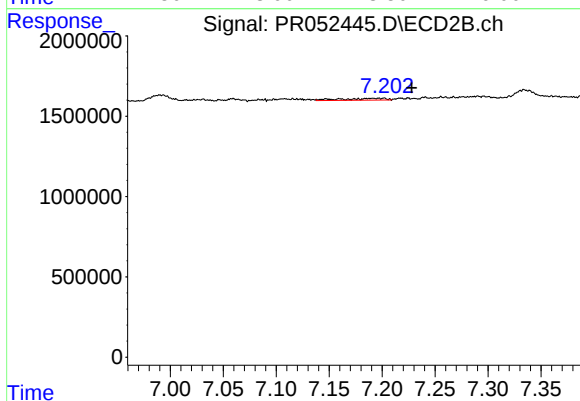
#33 AR-1260-3

R.T.: 6.764 min
Delta R.T.: 0.005 min
Response: 174787
Conc: 1.18 ng/ml



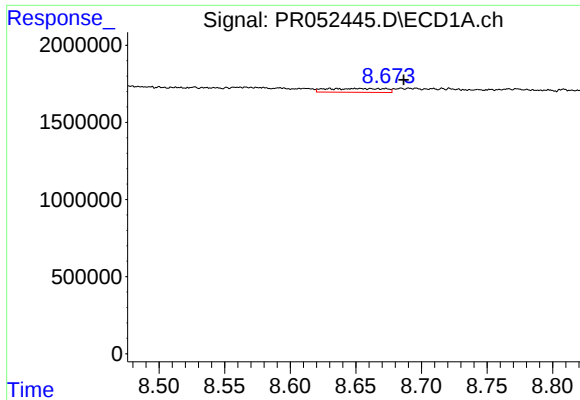
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 8.348 min
Response: 0
Conc: N.D.



#34 AR-1260-4

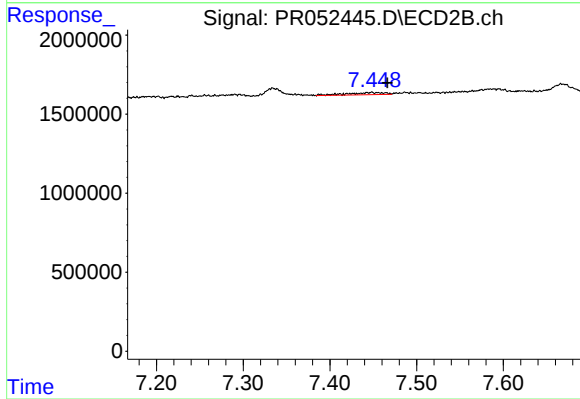
R.T.: 7.197 min
Delta R.T.: -0.031 min
Response: 332527
Conc: 2.74 ng/ml



#35 AR-1260-5

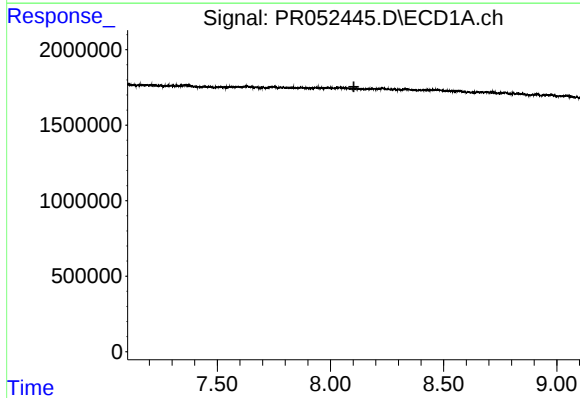
R.T.: 8.630 min
Delta R.T.: -0.056 min
Response: 755788
Conc: 2.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



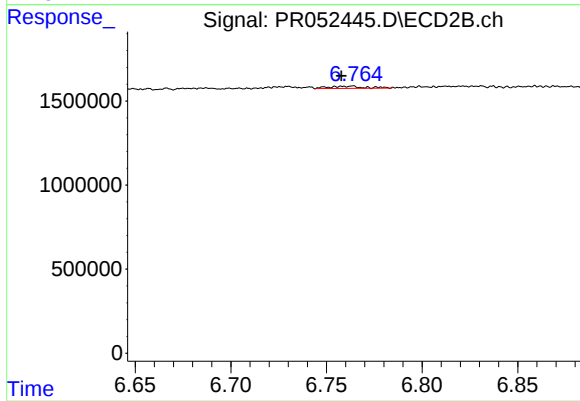
#35 AR-1260-5

R.T.: 7.448 min
Delta R.T.: -0.018 min
Response: 427042
Conc: 1.38 ng/ml



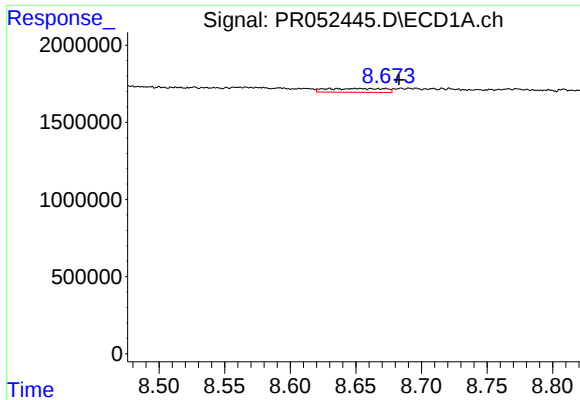
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.104 min
Response: 0
Conc: N.D.



#36 AR-1262-1

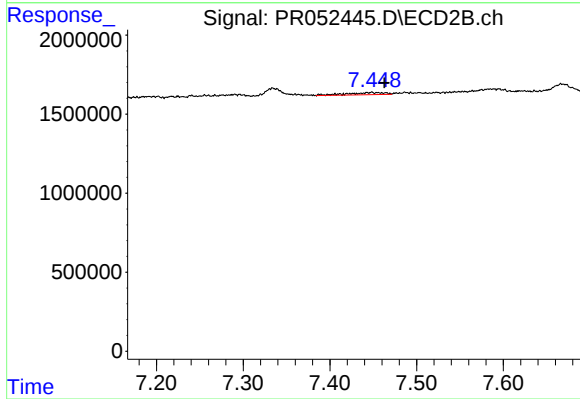
R.T.: 6.764 min
Delta R.T.: 0.006 min
Response: 174787
Conc: 1.38 ng/ml



#37 AR-1262-2

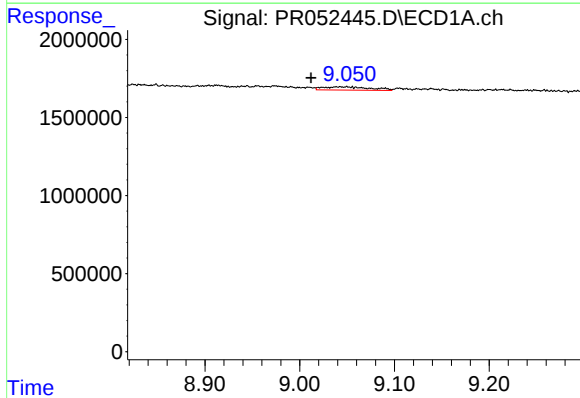
R.T.: 8.630 min
Delta R.T.: -0.053 min
Response: 755788
Conc: 2.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



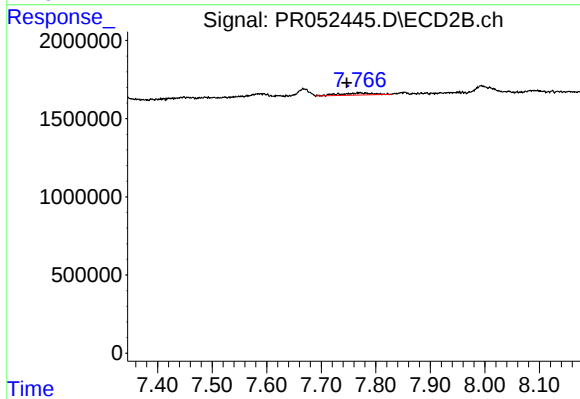
#37 AR-1262-2

R.T.: 7.448 min
Delta R.T.: -0.015 min
Response: 427042
Conc: 1.26 ng/ml



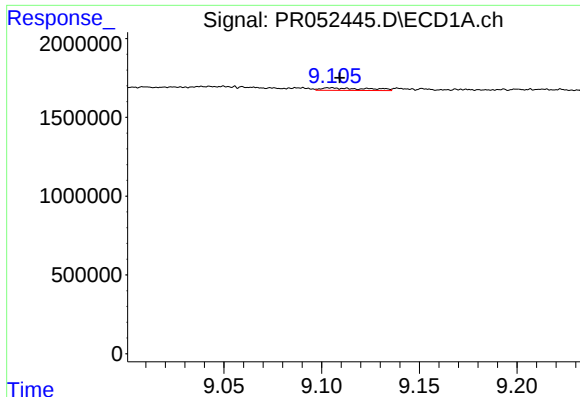
#38 AR-1262-3

R.T.: 9.042 min
Delta R.T.: 0.030 min
Response: 743614
Conc: 4.39 ng/ml



#38 AR-1262-3

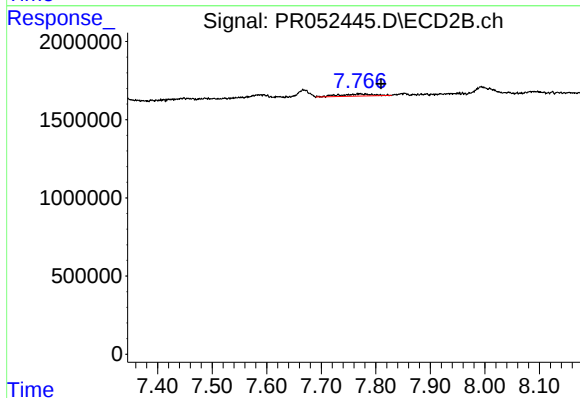
R.T.: 7.781 min
Delta R.T.: 0.034 min
Response: 588212
Conc: 4.22 ng/ml



#39 AR-1262-4

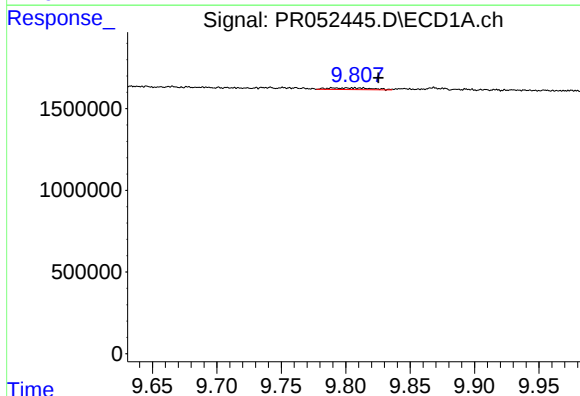
R.T.: 9.105 min
Delta R.T.: -0.004 min
Response: 253563
Conc: 2.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



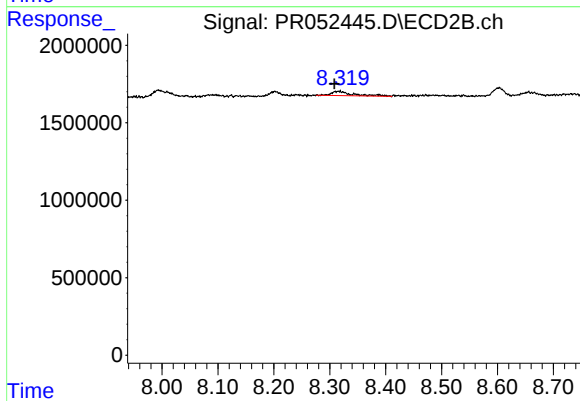
#39 AR-1262-4

R.T.: 7.781 min
Delta R.T.: -0.029 min
Response: 588212
Conc: 2.19 ng/ml



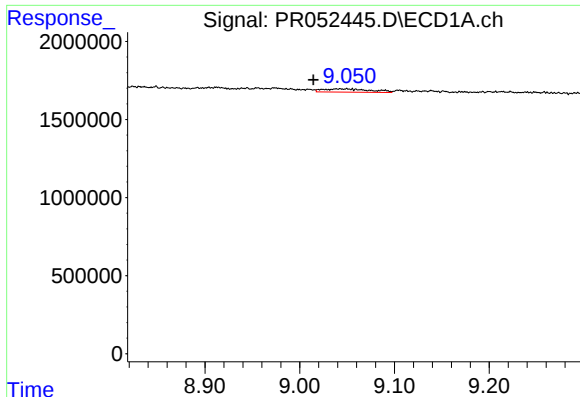
#40 AR-1262-5

R.T.: 9.810 min
Delta R.T.: -0.015 min
Response: 231265
Conc: 1.56 ng/ml



#40 AR-1262-5

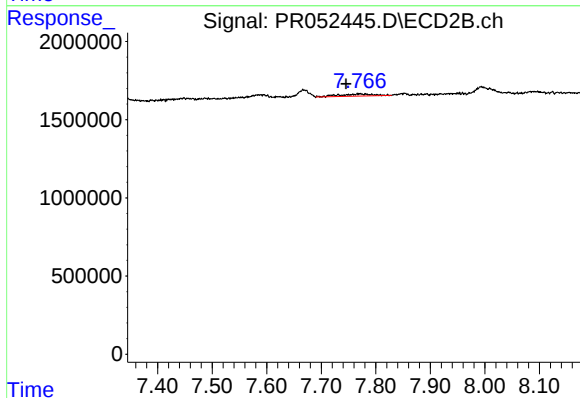
R.T.: 8.315 min
Delta R.T.: 0.007 min
Response: 734501
Conc: 5.34 ng/ml



#41 AR-1268-1

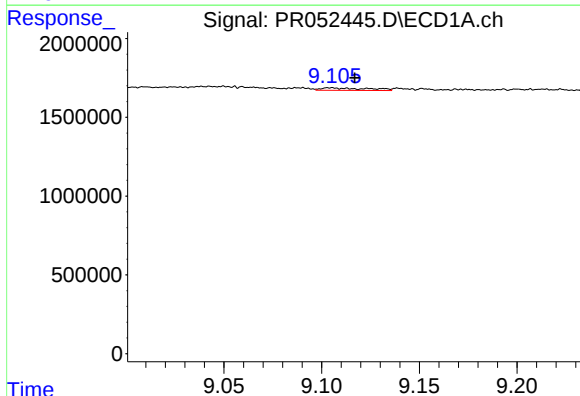
R.T.: 9.042 min
Delta R.T.: 0.028 min
Response: 743614
Conc: 1.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



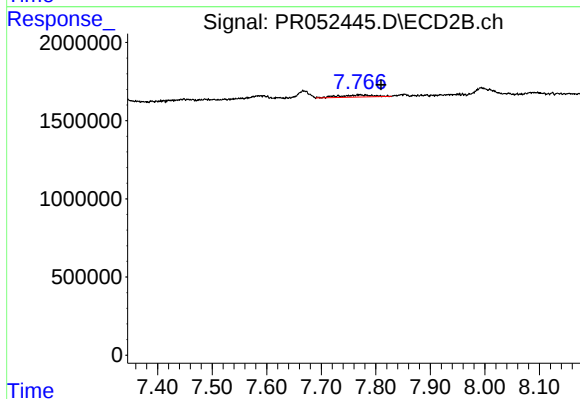
#41 AR-1268-1

R.T.: 7.781 min
Delta R.T.: 0.035 min
Response: 588212
Conc: 1.48 ng/ml



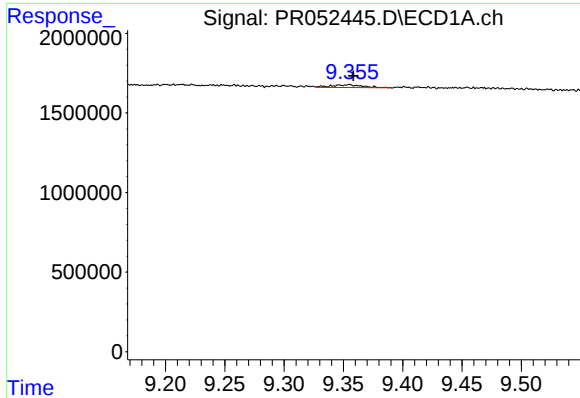
#42 AR-1268-2

R.T.: 9.105 min
Delta R.T.: -0.012 min
Response: 253563
Conc: 0.63 ng/ml



#42 AR-1268-2

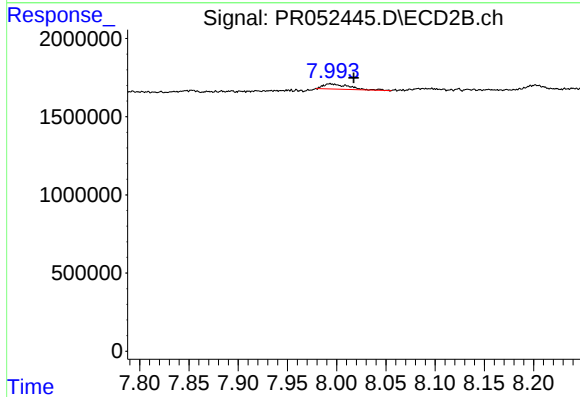
R.T.: 7.781 min
Delta R.T.: -0.029 min
Response: 588212
Conc: 1.52 ng/ml



#43 AR-1268-3

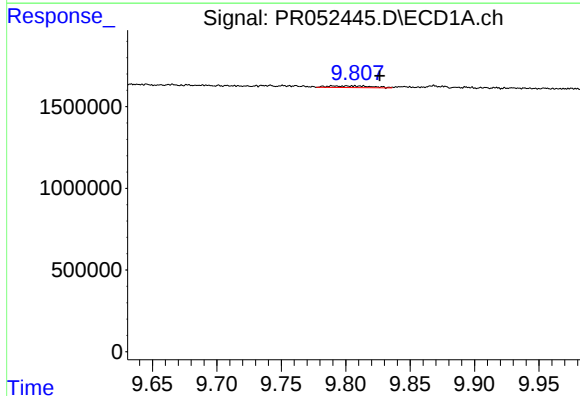
R.T.: 9.355 min
Delta R.T.: -0.004 min
Response: 317068
Conc: 0.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



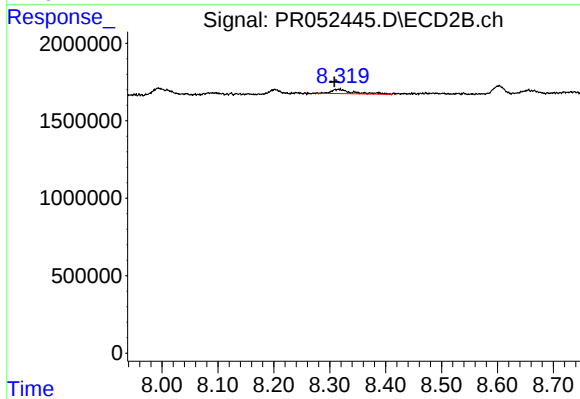
#43 AR-1268-3

R.T.: 7.994 min
Delta R.T.: -0.023 min
Response: 604508
Conc: 1.78 ng/ml



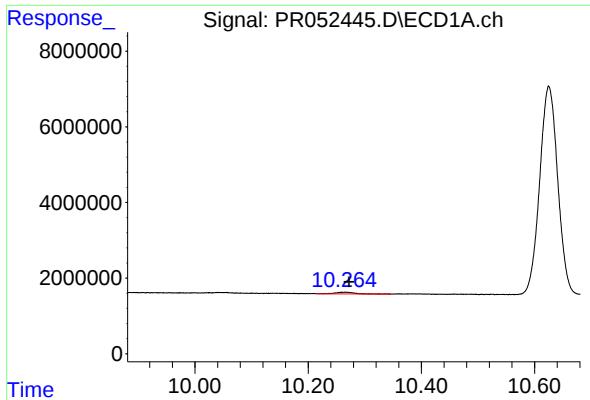
#44 AR-1268-4

R.T.: 9.810 min
Delta R.T.: -0.016 min
Response: 231265
Conc: 1.42 ng/ml



#44 AR-1268-4

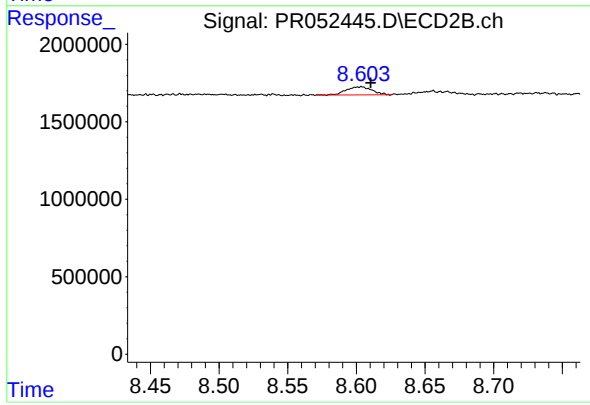
R.T.: 8.315 min
Delta R.T.: 0.007 min
Response: 734501
Conc: 4.92 ng/ml



#45 AR-1268-5

R.T.: 10.265 min
Delta R.T.: -0.007 min
Response: 1102785
Conc: 0.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.603 min
Delta R.T.: -0.008 min
Response: 675081
Conc: 0.57 ng/ml