

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR110221\
 Data File : PR052446.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Nov 2021 19:21
 Operator : AJ\MA
 Sample : M4412-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 03 04:34:43 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...	4.689	3.857	76515333	59932705	19.479	20.984
2)	SA Decachlor...	10.625	8.867	118.8E6	117.1E6	33.834	34.449
Target Compounds							
3)	L1 AR-1016-1	5.932f	0.000	360350	0	2.968	N.D. #
4)	L1 AR-1016-2	5.932	0.000	360350	0	2.082	N.D. #
5)	L1 AR-1016-3	5.964	5.181f	192112	350917	1.784	4.933 #
6)	L1 AR-1016-4	6.029f	5.181	530937	350917	6.022	6.445
7)	L1 AR-1016-5	6.346	0.000	361915	0	4.087	N.D. #
8)	L2 AR-1221-1	4.923	0.000	584063	0	12.740	N.D. #
9)	L2 AR-1221-2	5.004	4.155	811010	646455	16.338	26.758 #
10)	L2 AR-1221-3	5.082	4.280f	296751	101910	2.554	1.186 #
11)	L3 AR-1232-1	5.082	4.280f	296751	101910	3.829	1.718 #
12)	L3 AR-1232-2	5.610	0.000	441923	0	10.961	N.D. #
13)	L3 AR-1232-3	5.932	5.181f	360350	350917	4.823	11.737 #
14)	L3 AR-1232-4	6.108f	5.244	62098	127359	1.658	4.932 #
15)	L3 AR-1232-5	6.146	0.000	229916	0	7.450	N.D. #
16)	L4 AR-1242-1	5.932f	0.000	360350	0	3.619	N.D. #
17)	L4 AR-1242-2	5.932	0.000	360350	0	2.561	N.D. #
18)	L4 AR-1242-3	5.964	5.181f	192112	350917	2.184	6.169 #
19)	L4 AR-1242-4	6.108f	5.244	62098	127359	0.871	2.364 #
20)	L4 AR-1242-5	6.829	0.000	46189	0	0.606	N.D. #
21)	L5 AR-1248-1	5.932f	0.000	360350	0	4.935	N.D. #
22)	L5 AR-1248-2	6.146	5.181	229916	350917	2.144	4.800 #
23)	L5 AR-1248-3	6.346	5.244	361915	127359	3.105	1.633 #
24)	L5 AR-1248-4	6.761	0.000	49755	0	0.390	N.D. #
25)	L5 AR-1248-5	6.829	5.837f	46189	142439	0.375	1.506 #
26)	L6 AR-1254-1	6.761	0.000	49755	0	0.374	N.D. #
27)	L6 AR-1254-2	6.956	5.909	227662	93393	1.101	0.744 #
28)	L6 AR-1254-3	7.339	6.328f	38172	163035	0.182	0.767 #
29)	L6 AR-1254-4	7.630	6.505	62980	401539	0.400	3.109 #
30)	L6 AR-1254-5	0.000	6.951	0	273818	N.D.	1.496 #
31)	L7 AR-1260-1	7.467	6.431	165016	453536	1.104	3.554 #
32)	L7 AR-1260-2	7.732	0.000	188230	0	1.052	N.D. #
33)	L7 AR-1260-3	8.119	0.000	159188	0	1.123	N.D. #
34)	L7 AR-1260-4	8.336	7.252	546948	114031	3.306	0.939 #
35)	L7 AR-1260-5	8.655	7.455	487333	366122	1.503	1.180
36)	L8 AR-1262-1	8.119	0.000	159188	0	0.770	N.D. #
37)	L8 AR-1262-2	8.655	7.455	487333	366122	1.296	1.076
38)	L8 AR-1262-3	8.944f	7.750	207977	87834	1.229	0.630 #
39)	L8 AR-1262-4	9.124	7.750f	649029	87834	5.483	0.327 #
41)	L9 AR-1268-1	0.000	7.750	0	87834	N.D.	0.220 #
42)	L9 AR-1268-2	9.124	7.750f	649029	87834	1.601	0.226 #

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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
43) L9	AR-1268-3	9.353	8.011	1015260	450107	2.898	1.322 #
45) L9	AR-1268-5	10.264	8.603	952724	684837	0.836	0.579 #

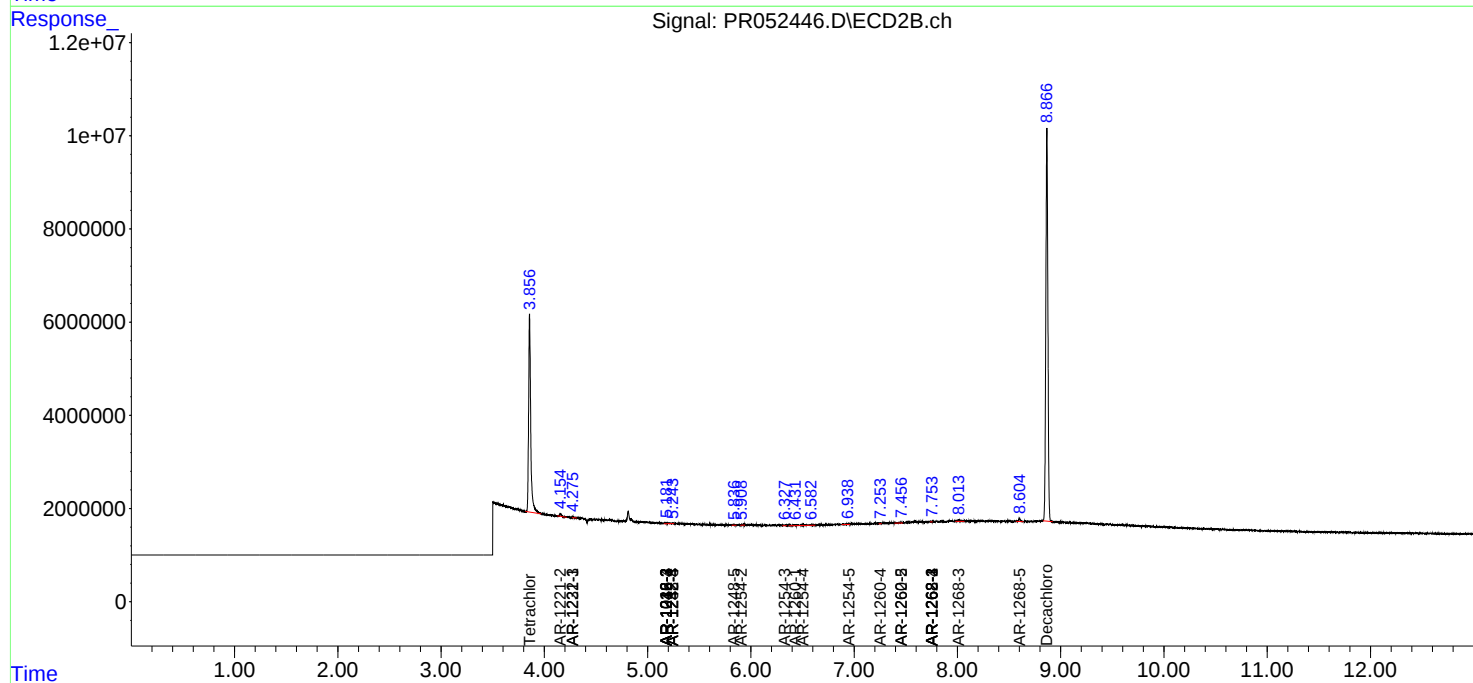
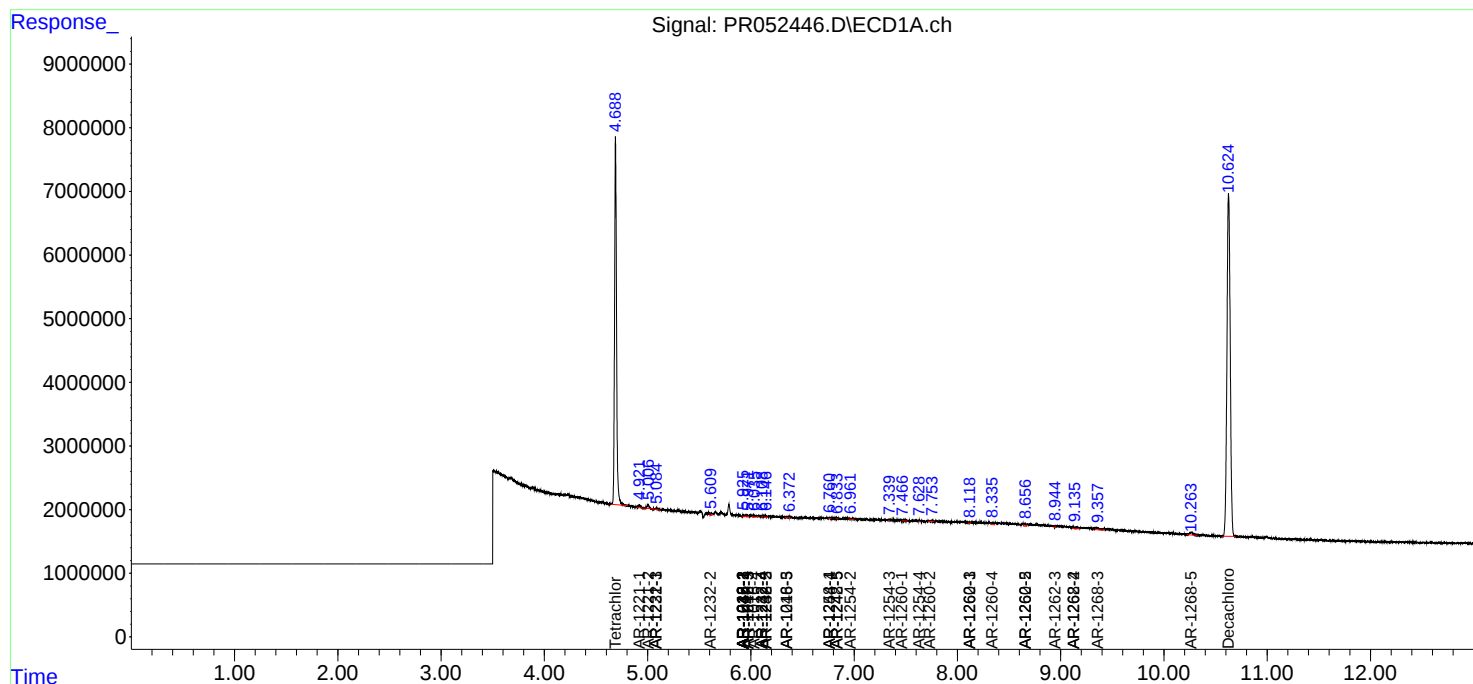
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

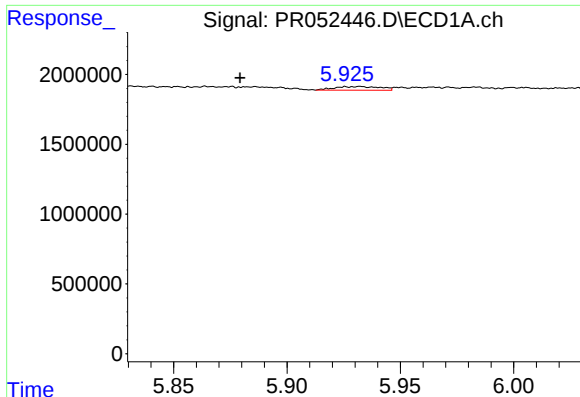
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

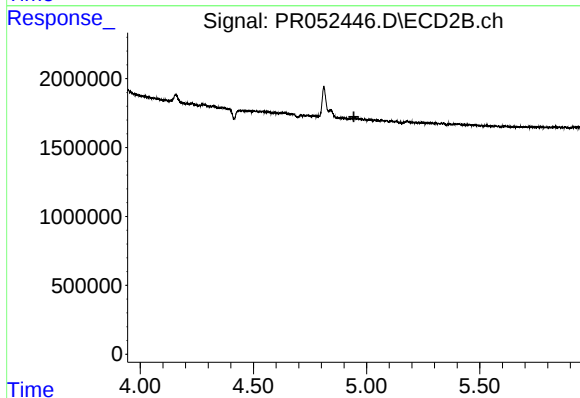




#3 AR-1016-1

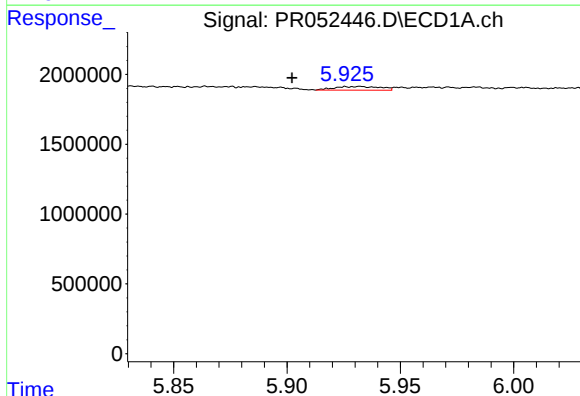
R.T.: 5.932 min
Delta R.T.: 0.053 min
Response: 360350
Conc: 2.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



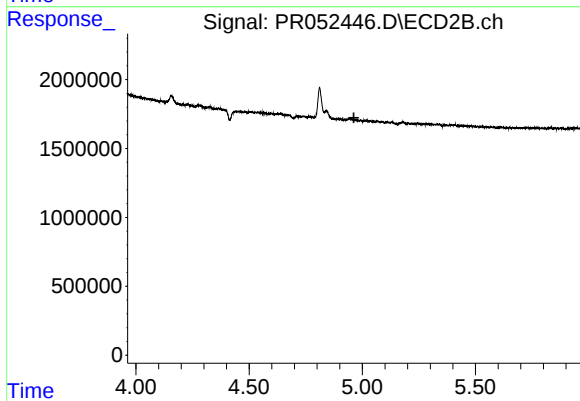
#3 AR-1016-1

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



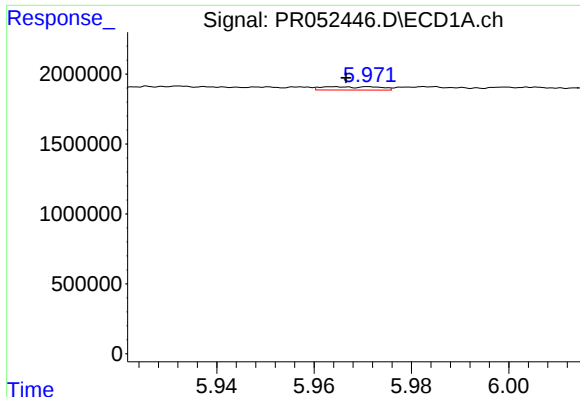
#4 AR-1016-2

R.T.: 5.932 min
Delta R.T.: 0.030 min
Response: 360350
Conc: 2.08 ng/ml



#4 AR-1016-2

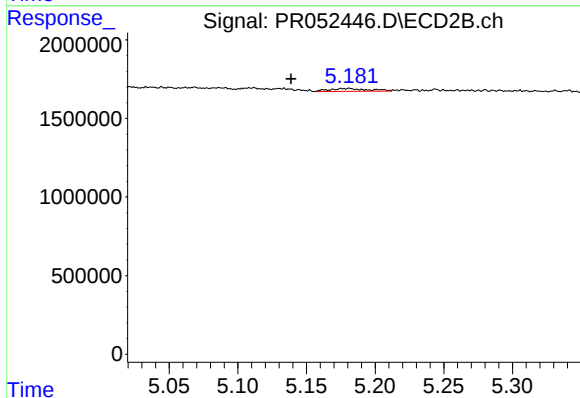
R.T.: 0.000 min
Exp R.T. : 4.963 min
Response: 0
Conc: N.D.



#5 AR-1016-3

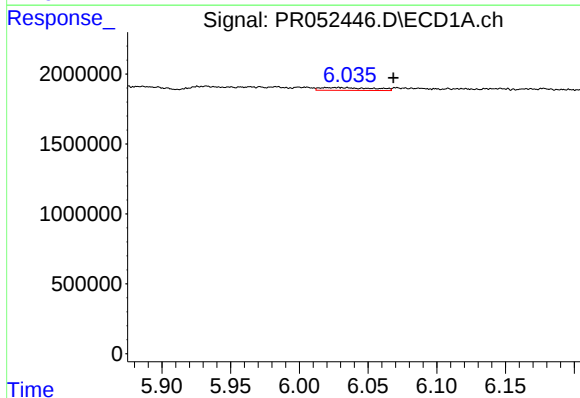
R.T.: 5.964 min
Delta R.T.: -0.002 min
Response: 192112
Conc: 1.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



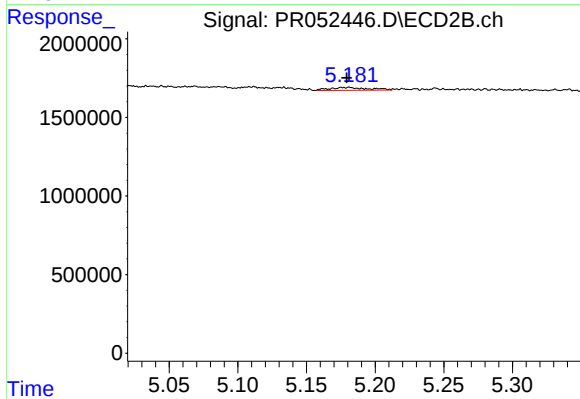
#5 AR-1016-3

R.T.: 5.181 min
Delta R.T.: 0.043 min
Response: 350917
Conc: 4.93 ng/ml



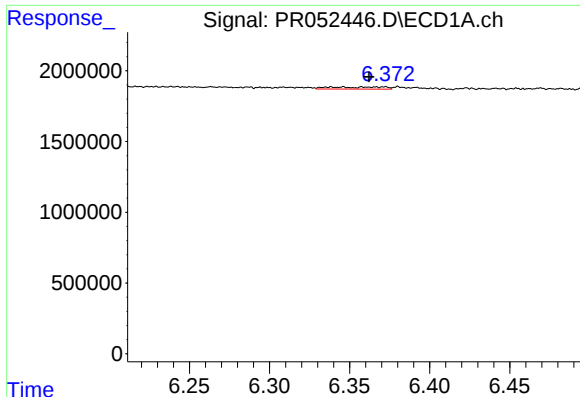
#6 AR-1016-4

R.T.: 6.029 min
Delta R.T.: -0.040 min
Response: 530937
Conc: 6.02 ng/ml



#6 AR-1016-4

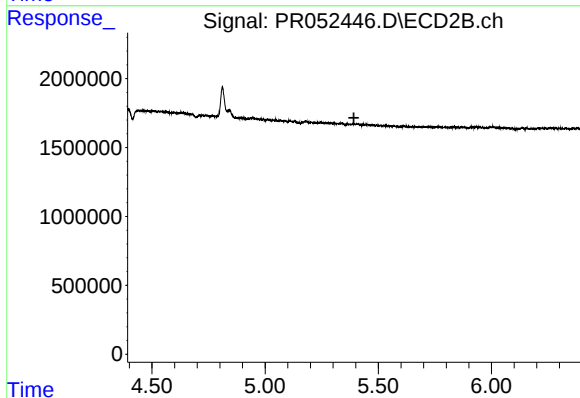
R.T.: 5.181 min
Delta R.T.: 0.002 min
Response: 350917
Conc: 6.45 ng/ml



#7 AR-1016-5

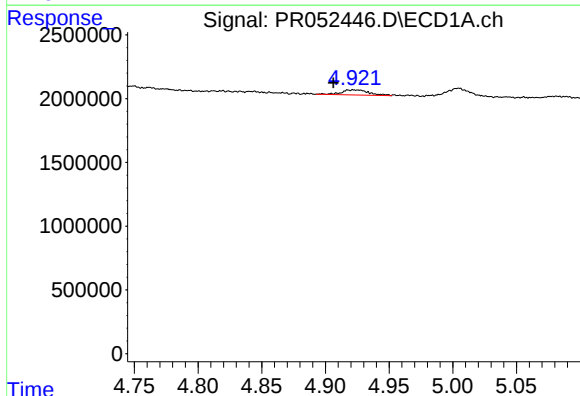
R.T.: 6.346 min
Delta R.T.: -0.016 min
Response: 361915
Conc: 4.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



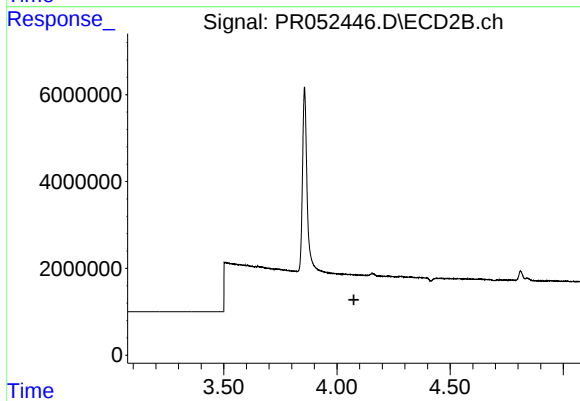
#7 AR-1016-5

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



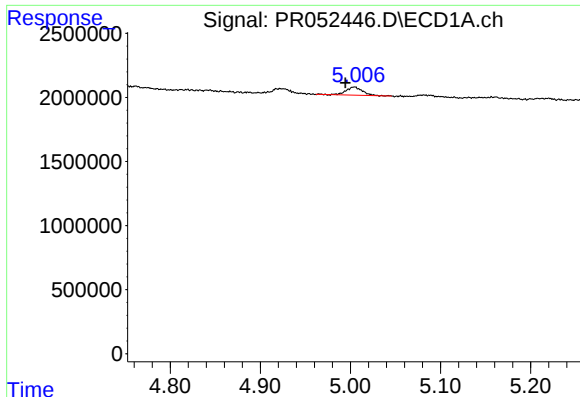
#8 AR-1221-1

R.T.: 4.923 min
Delta R.T.: 0.017 min
Response: 584063
Conc: 12.74 ng/ml



#8 AR-1221-1

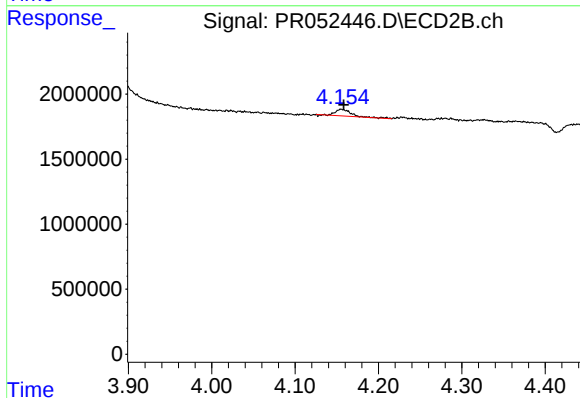
R.T.: 0.000 min
Exp R.T. : 4.075 min
Response: 0
Conc: N.D.



#9 AR-1221-2

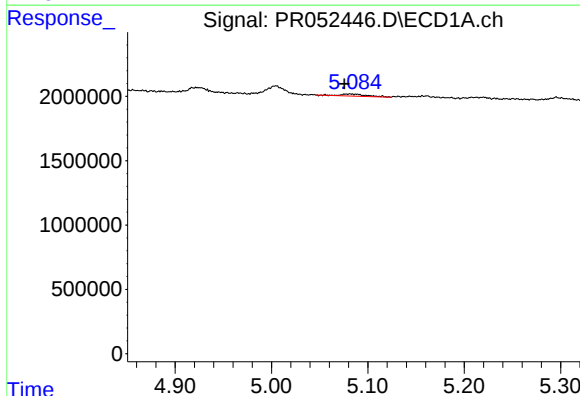
R.T.: 5.004 min
Delta R.T.: 0.010 min
Response: 811010
Conc: 16.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



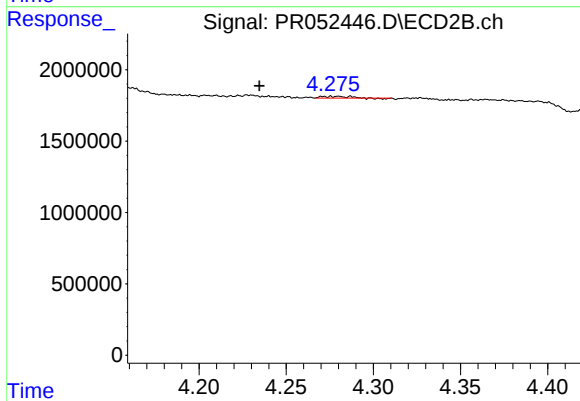
#9 AR-1221-2

R.T.: 4.155 min
Delta R.T.: -0.003 min
Response: 646455
Conc: 26.76 ng/ml



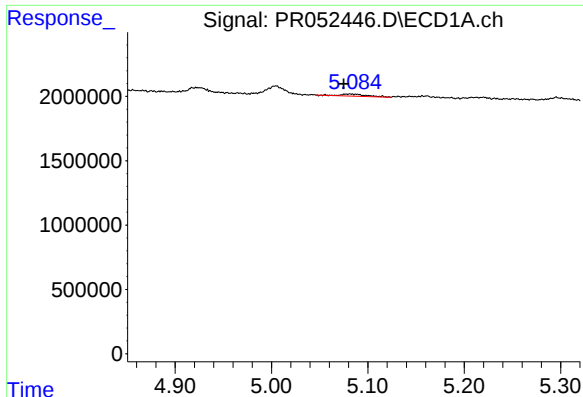
#10 AR-1221-3

R.T.: 5.082 min
Delta R.T.: 0.006 min
Response: 296751
Conc: 2.55 ng/ml



#10 AR-1221-3

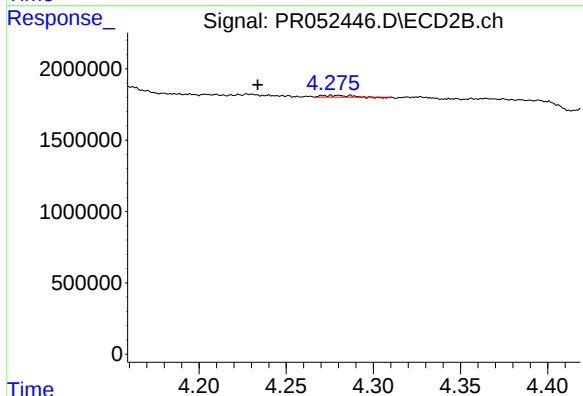
R.T.: 4.280 min
Delta R.T.: 0.046 min
Response: 101910
Conc: 1.19 ng/ml



#11 AR-1232-1

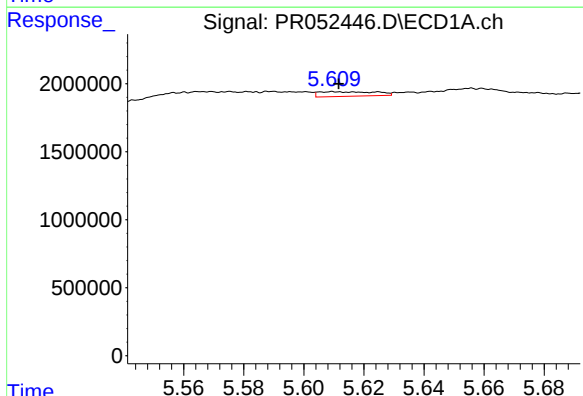
R.T.: 5.082 min
Delta R.T.: 0.007 min
Response: 296751
Conc: 3.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



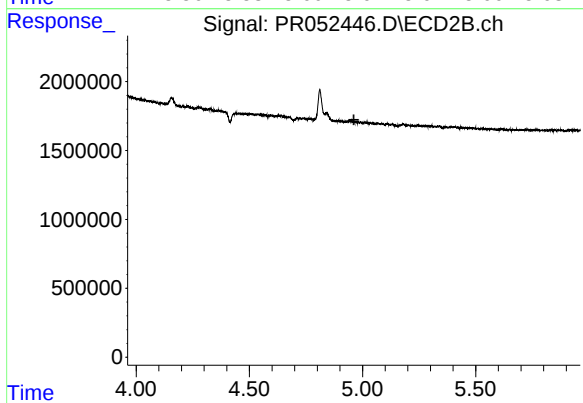
#11 AR-1232-1

R.T.: 4.280 min
Delta R.T.: 0.047 min
Response: 101910
Conc: 1.72 ng/ml



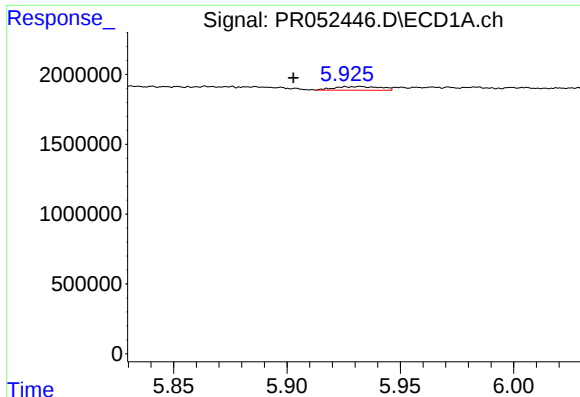
#12 AR-1232-2

R.T.: 5.610 min
Delta R.T.: -0.002 min
Response: 441923
Conc: 10.96 ng/ml



#12 AR-1232-2

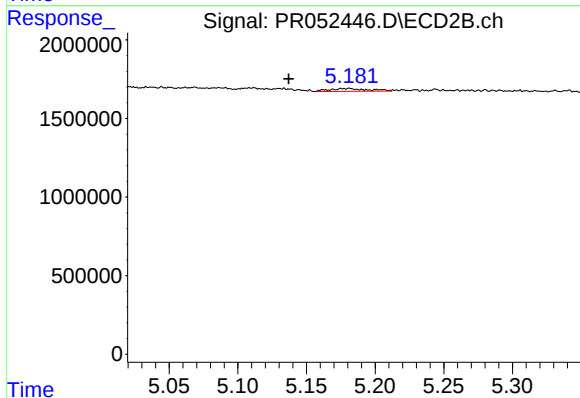
R.T.: 0.000 min
Exp R.T.: 4.962 min
Response: 0
Conc: N.D.



#13 AR-1232-3

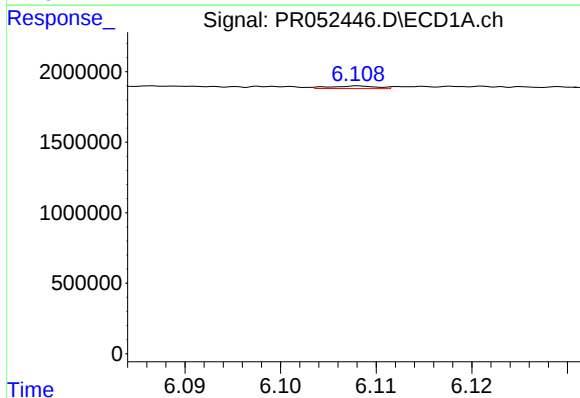
R.T.: 5.932 min
Delta R.T.: 0.029 min
Response: 360350
Conc: 4.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



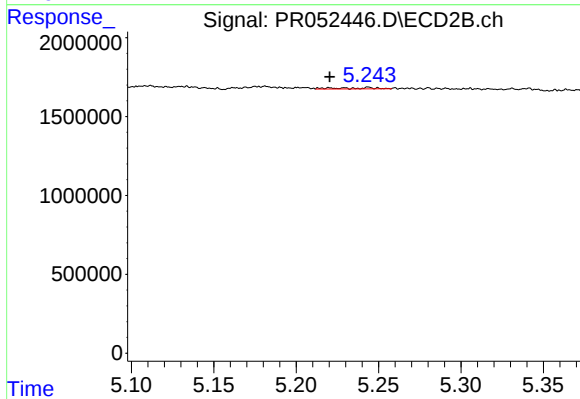
#13 AR-1232-3

R.T.: 5.181 min
Delta R.T.: 0.044 min
Response: 350917
Conc: 11.74 ng/ml



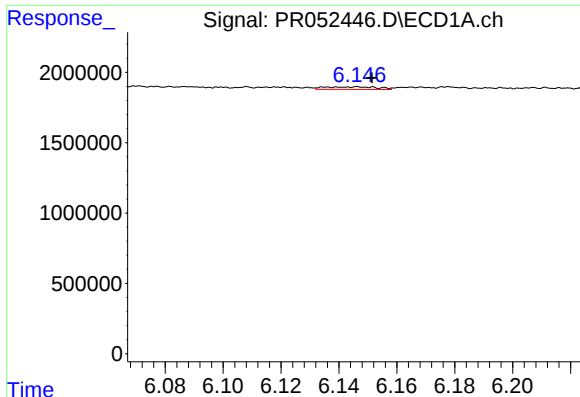
#14 AR-1232-4

R.T.: 6.108 min
Delta R.T.: 0.039 min
Response: 62098
Conc: 1.66 ng/ml



#14 AR-1232-4

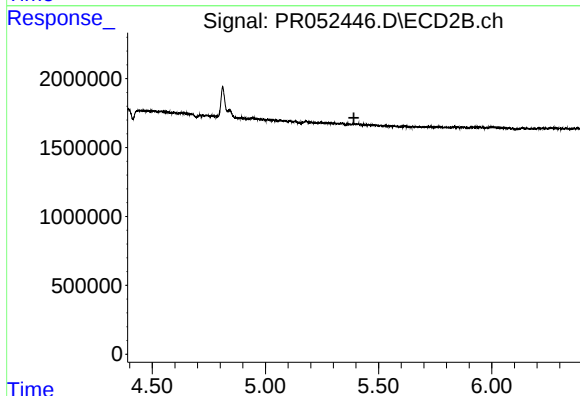
R.T.: 5.244 min
Delta R.T.: 0.023 min
Response: 127359
Conc: 4.93 ng/ml



#15 AR-1232-5

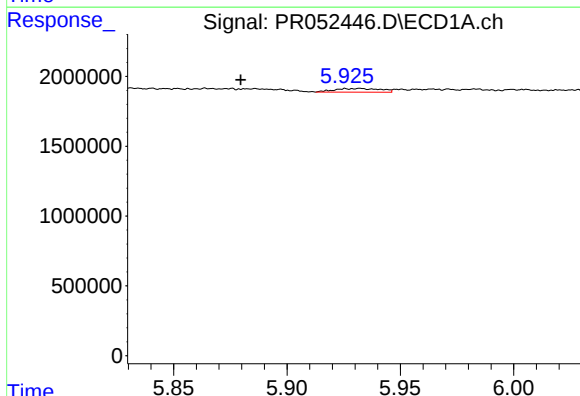
R.T.: 6.146 min
Delta R.T.: -0.005 min
Response: 229916
Conc: 7.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



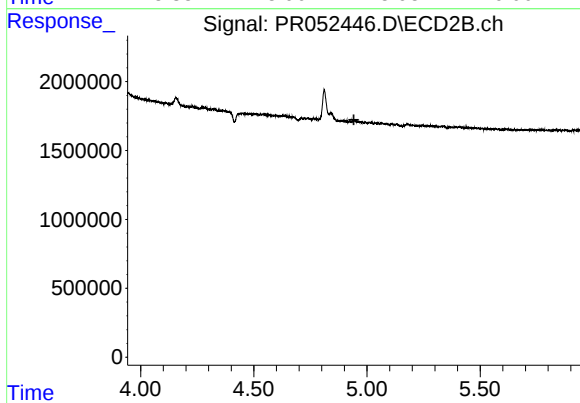
#15 AR-1232-5

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



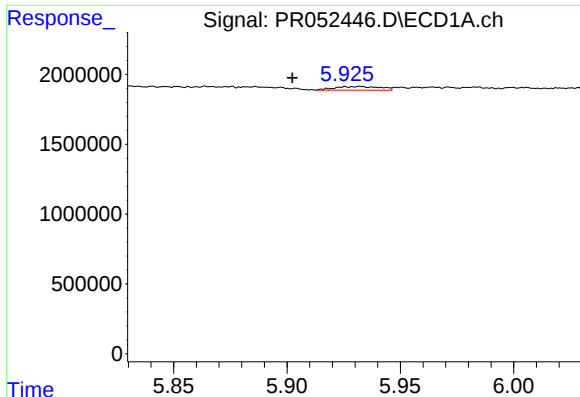
#16 AR-1242-1

R.T.: 5.932 min
Delta R.T.: 0.053 min
Response: 360350
Conc: 3.62 ng/ml



#16 AR-1242-1

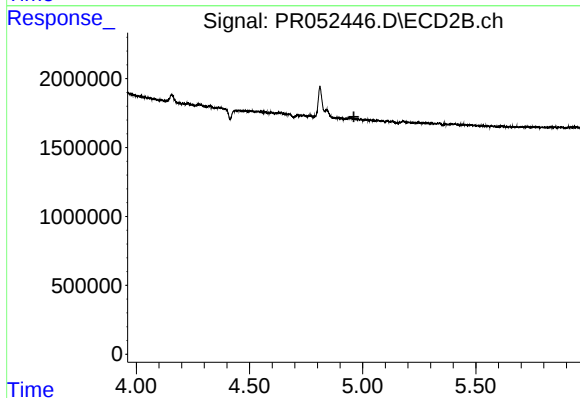
R.T.: 0.000 min
Exp R.T. : 4.942 min
Response: 0
Conc: N.D.



#17 AR-1242-2

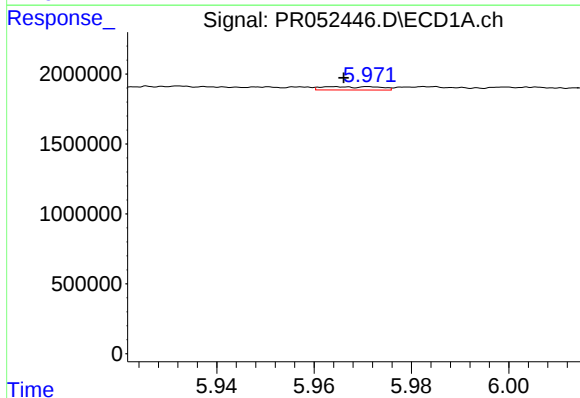
R.T.: 5.932 min
Delta R.T.: 0.030 min
Response: 360350
Conc: 2.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



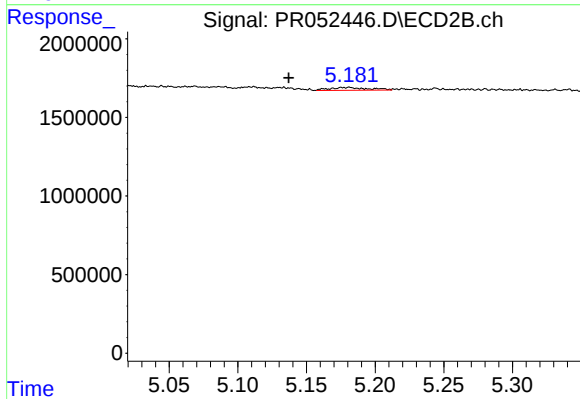
#17 AR-1242-2

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



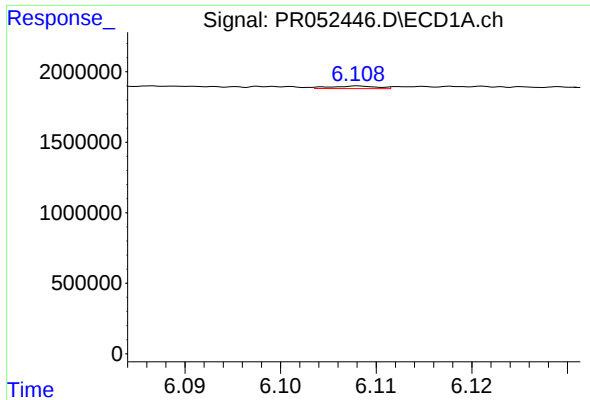
#18 AR-1242-3

R.T.: 5.964 min
Delta R.T.: -0.002 min
Response: 192112
Conc: 2.18 ng/ml



#18 AR-1242-3

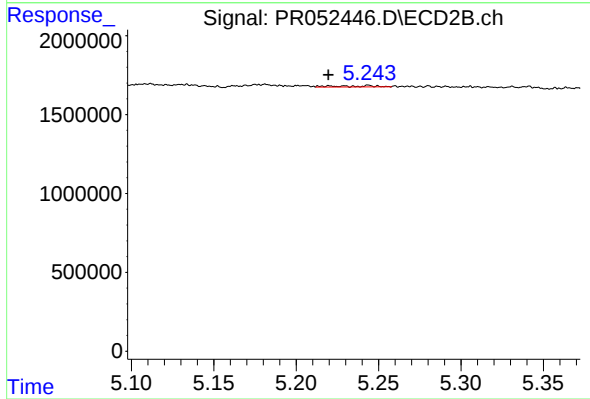
R.T.: 5.181 min
Delta R.T.: 0.044 min
Response: 350917
Conc: 6.17 ng/ml



#19 AR-1242-4

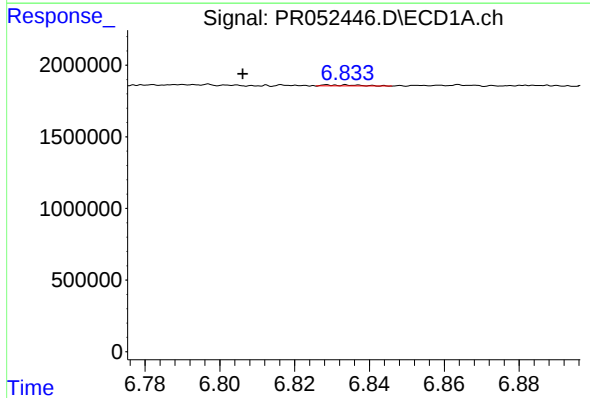
R.T.: 6.108 min
Delta R.T.: 0.039 min
Response: 62098
Conc: 0.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



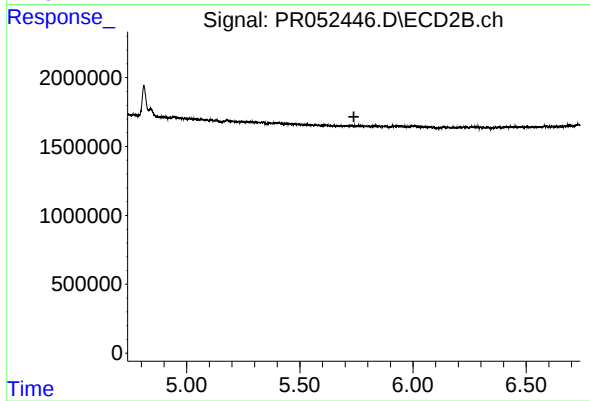
#19 AR-1242-4

R.T.: 5.244 min
Delta R.T.: 0.024 min
Response: 127359
Conc: 2.36 ng/ml



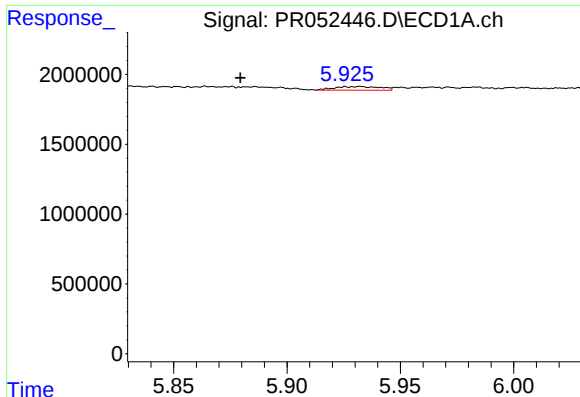
#20 AR-1242-5

R.T.: 6.829 min
Delta R.T.: 0.023 min
Response: 46189
Conc: 0.61 ng/ml



#20 AR-1242-5

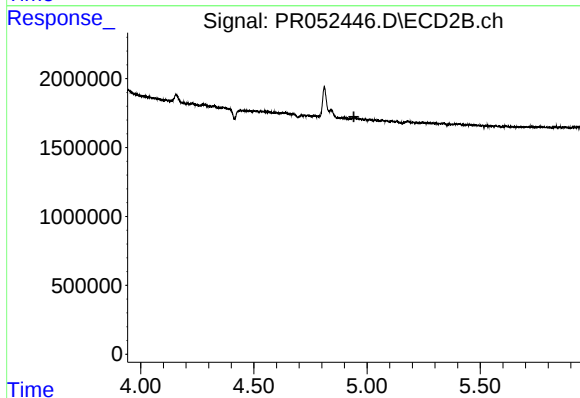
R.T.: 0.000 min
Exp R.T. : 5.739 min
Response: 0
Conc: N.D.



#21 AR-1248-1

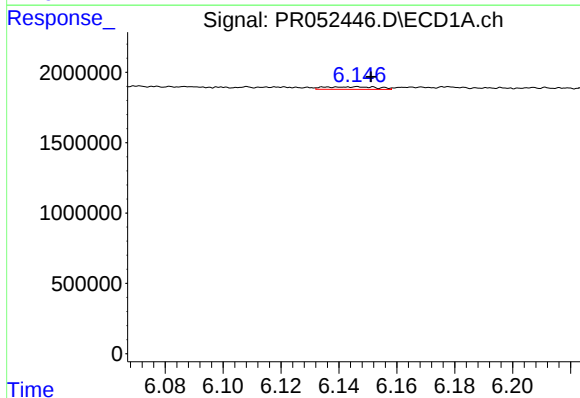
R.T.: 5.932 min
Delta R.T.: 0.053 min
Response: 360350
Conc: 4.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



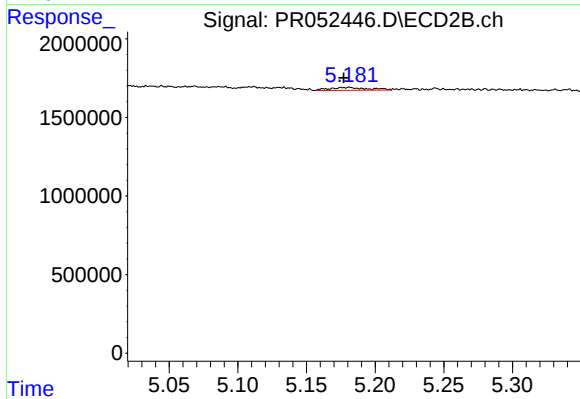
#21 AR-1248-1

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



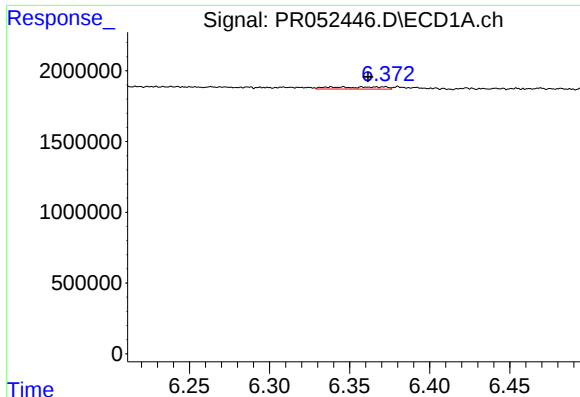
#22 AR-1248-2

R.T.: 6.146 min
Delta R.T.: -0.005 min
Response: 229916
Conc: 2.14 ng/ml



#22 AR-1248-2

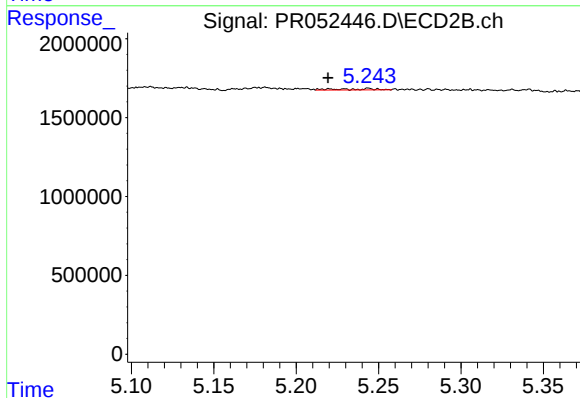
R.T.: 5.181 min
Delta R.T.: 0.004 min
Response: 350917
Conc: 4.80 ng/ml



#23 AR-1248-3

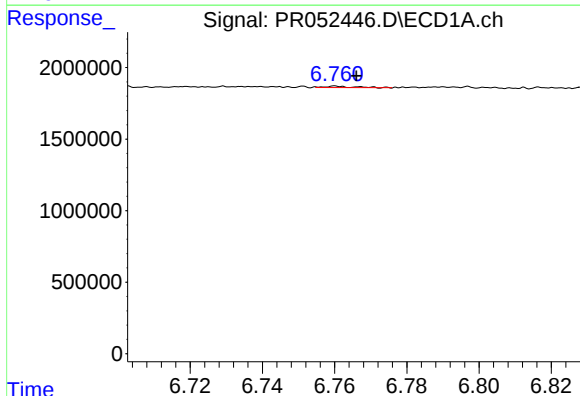
R.T.: 6.346 min
Delta R.T.: -0.016 min
Response: 361915
Conc: 3.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



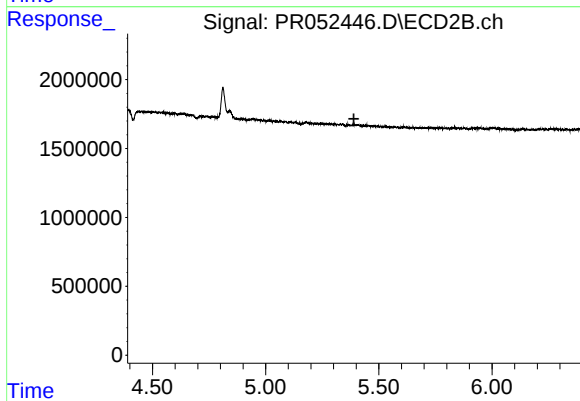
#23 AR-1248-3

R.T.: 5.244 min
Delta R.T.: 0.024 min
Response: 127359
Conc: 1.63 ng/ml



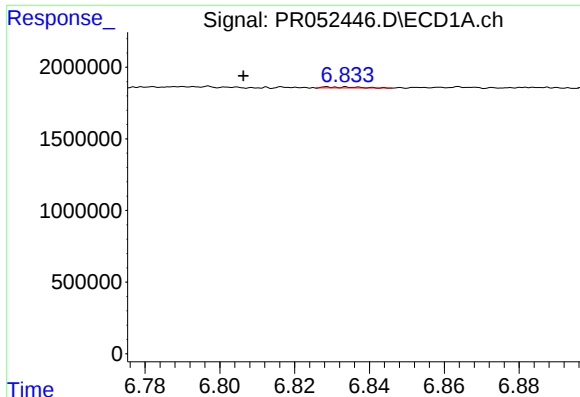
#24 AR-1248-4

R.T.: 6.761 min
Delta R.T.: -0.005 min
Response: 49755
Conc: 0.39 ng/ml



#24 AR-1248-4

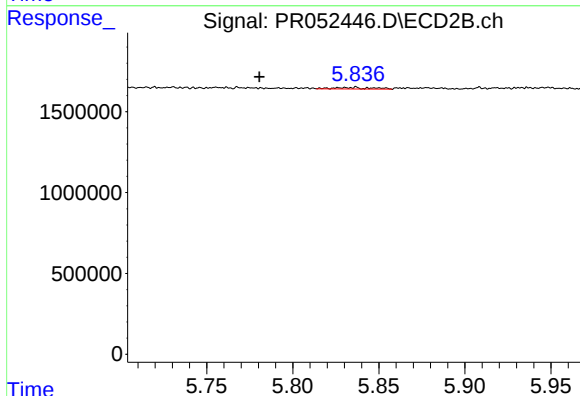
R.T.: 0.000 min
Exp R.T. : 5.390 min
Response: 0
Conc: N.D.



#25 AR-1248-5

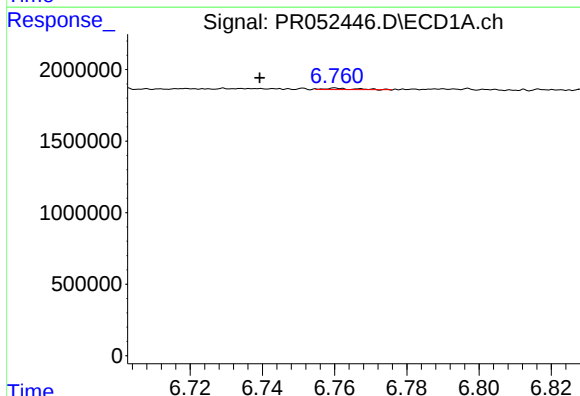
R.T.: 6.829 min
Delta R.T.: 0.023 min
Response: 46189
Conc: 0.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



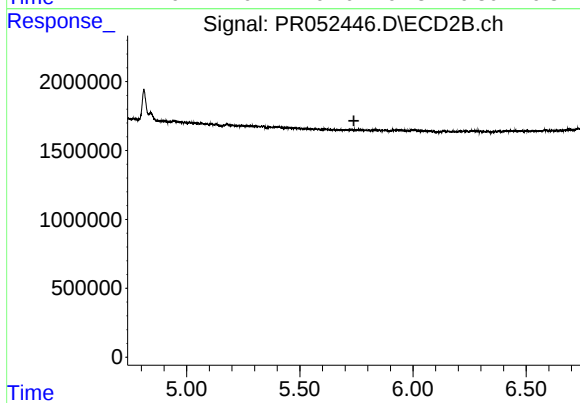
#25 AR-1248-5

R.T.: 5.837 min
Delta R.T.: 0.056 min
Response: 142439
Conc: 1.51 ng/ml



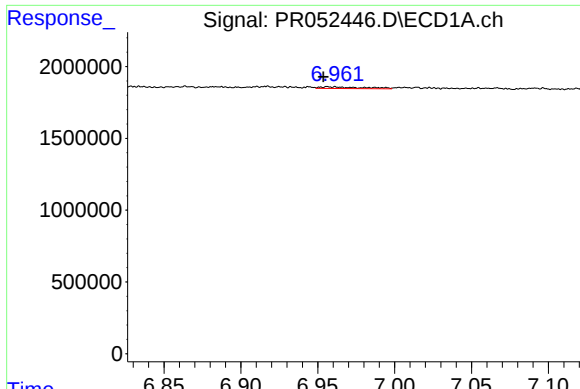
#26 AR-1254-1

R.T.: 6.761 min
Delta R.T.: 0.021 min
Response: 49755
Conc: 0.37 ng/ml



#26 AR-1254-1

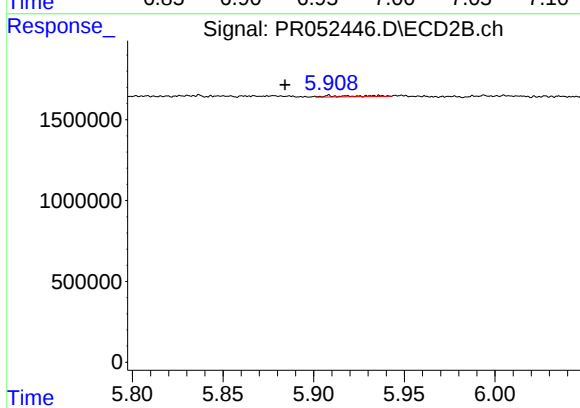
R.T.: 0.000 min
Exp R.T. : 5.739 min
Response: 0
Conc: N.D.



#27 AR-1254-2

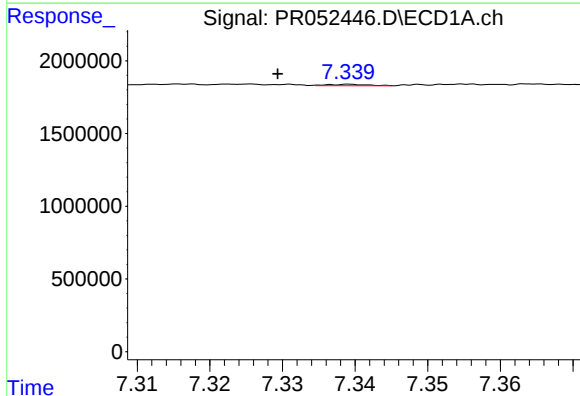
R.T.: 6.956 min
Delta R.T.: 0.003 min
Response: 227662
Conc: 1.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



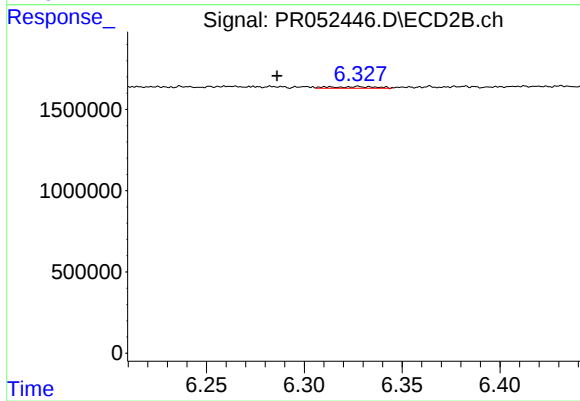
#27 AR-1254-2

R.T.: 5.909 min
Delta R.T.: 0.024 min
Response: 93393
Conc: 0.74 ng/ml



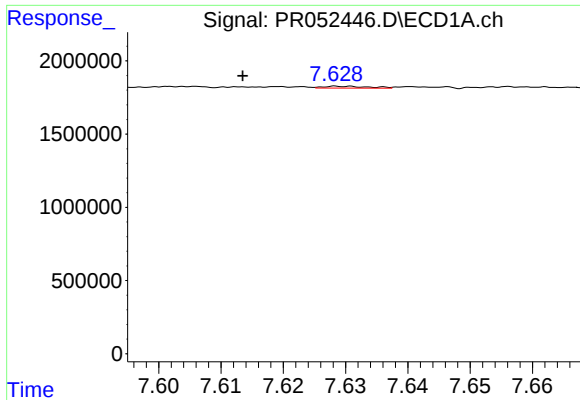
#28 AR-1254-3

R.T.: 7.339 min
Delta R.T.: 0.010 min
Response: 38172
Conc: 0.18 ng/ml



#28 AR-1254-3

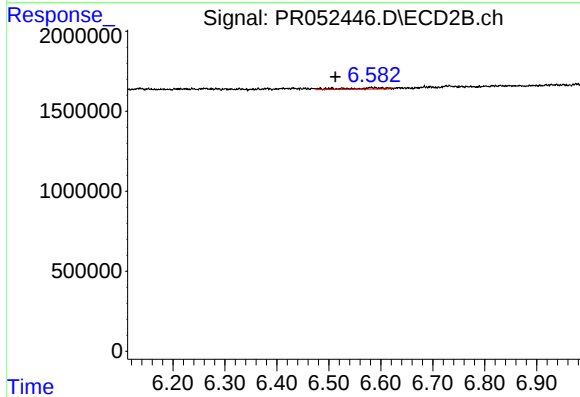
R.T.: 6.328 min
Delta R.T.: 0.041 min
Response: 163035
Conc: 0.77 ng/ml



#29 AR-1254-4

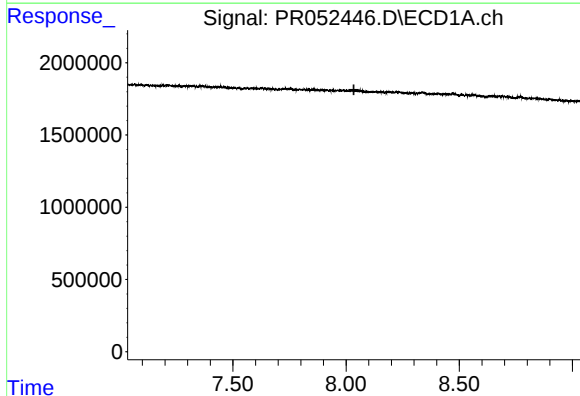
R.T.: 7.630 min
Delta R.T.: 0.016 min
Response: 62980
Conc: 0.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



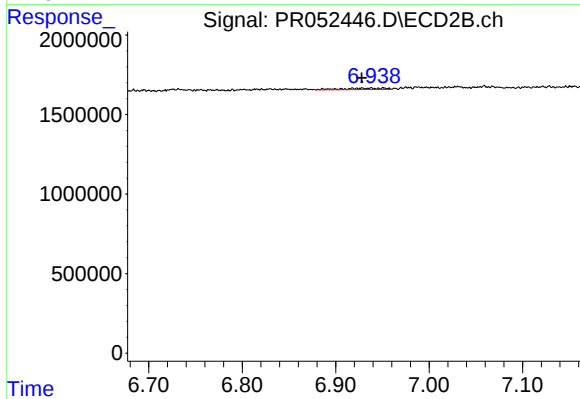
#29 AR-1254-4

R.T.: 6.505 min
Delta R.T.: -0.007 min
Response: 401539
Conc: 3.11 ng/ml



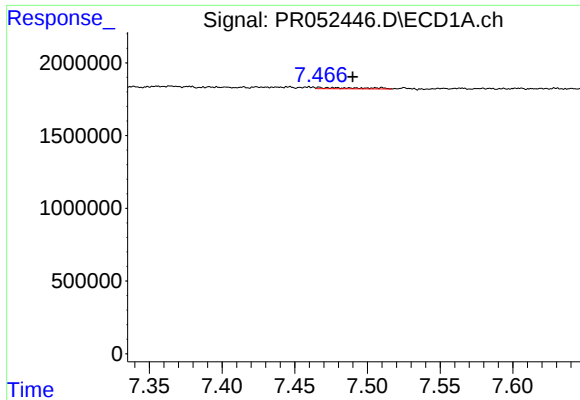
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 8.035 min
Response: 0
Conc: N.D.



#30 AR-1254-5

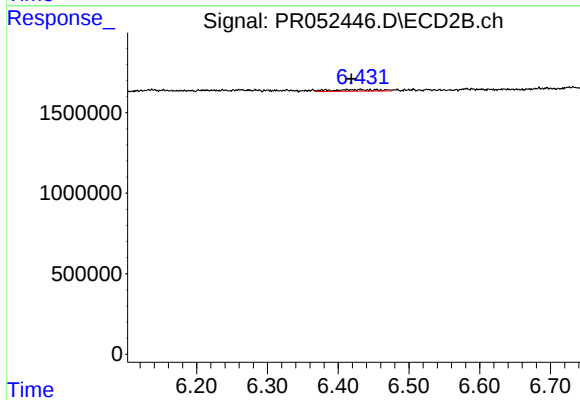
R.T.: 6.951 min
Delta R.T.: 0.023 min
Response: 273818
Conc: 1.50 ng/ml



#31 AR-1260-1

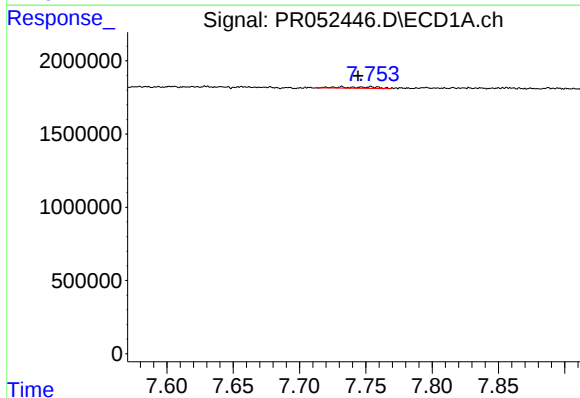
R.T.: 7.467 min
Delta R.T.: -0.023 min
Response: 165016
Conc: 1.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



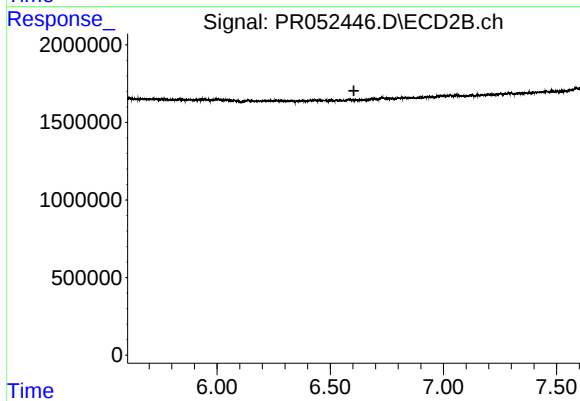
#31 AR-1260-1

R.T.: 6.431 min
Delta R.T.: 0.012 min
Response: 453536
Conc: 3.55 ng/ml



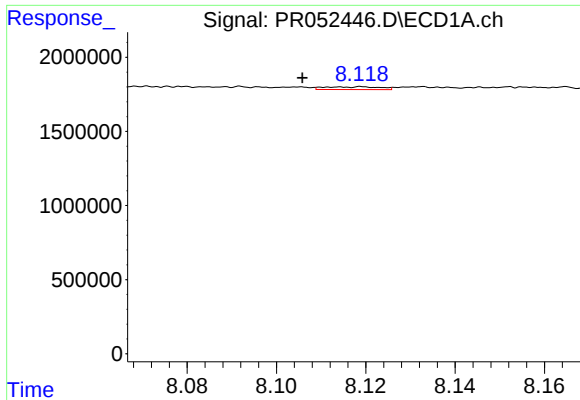
#32 AR-1260-2

R.T.: 7.732 min
Delta R.T.: -0.012 min
Response: 188230
Conc: 1.05 ng/ml



#32 AR-1260-2

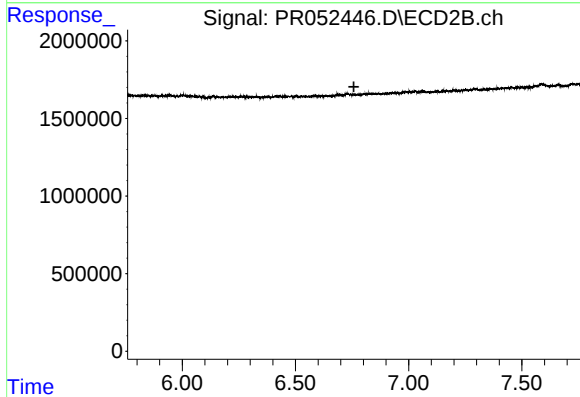
R.T.: 0.000 min
Exp R.T. : 6.605 min
Response: 0
Conc: N.D.



#33 AR-1260-3

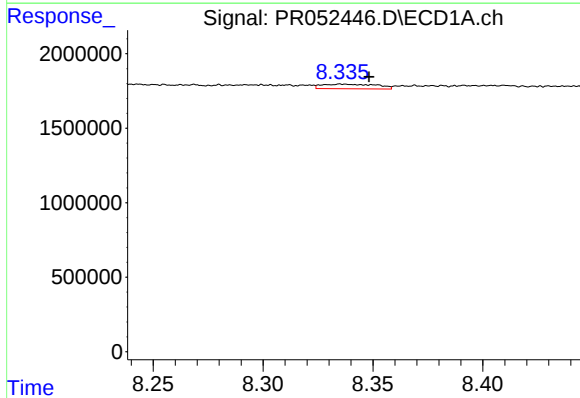
R.T.: 8.119 min
Delta R.T.: 0.013 min
Response: 159188
Conc: 1.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



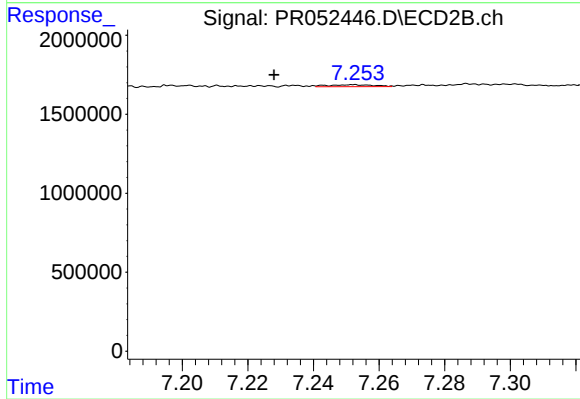
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.758 min
Response: 0
Conc: N.D.



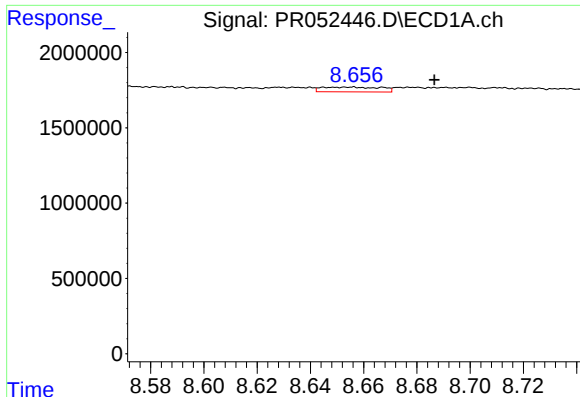
#34 AR-1260-4

R.T.: 8.336 min
Delta R.T.: -0.012 min
Response: 546948
Conc: 3.31 ng/ml



#34 AR-1260-4

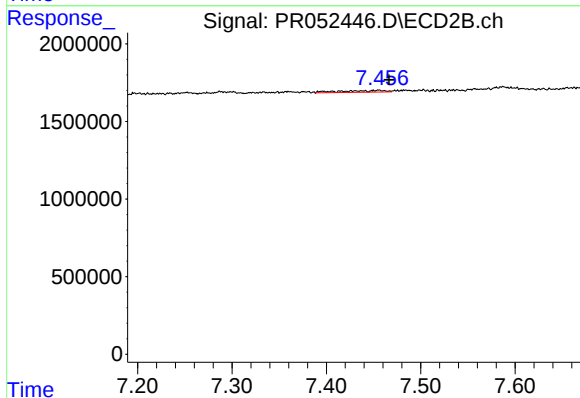
R.T.: 7.252 min
Delta R.T.: 0.024 min
Response: 114031
Conc: 0.94 ng/ml



#35 AR-1260-5

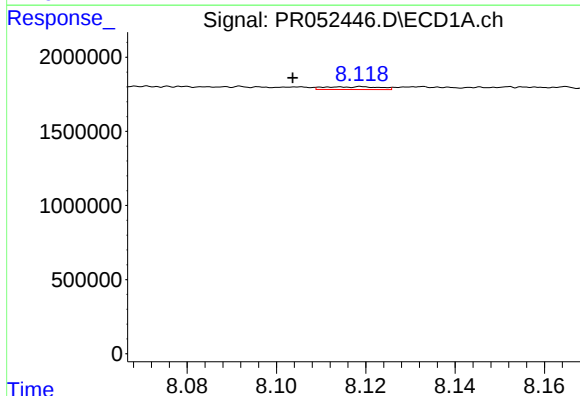
R.T.: 8.655 min
Delta R.T.: -0.032 min
Response: 487333
Conc: 1.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



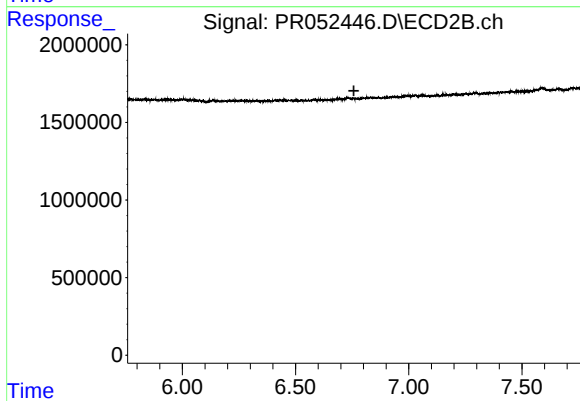
#35 AR-1260-5

R.T.: 7.455 min
Delta R.T.: -0.011 min
Response: 366122
Conc: 1.18 ng/ml



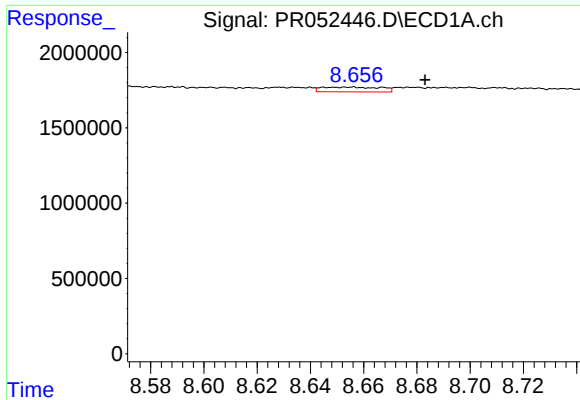
#36 AR-1262-1

R.T.: 8.119 min
Delta R.T.: 0.016 min
Response: 159188
Conc: 0.77 ng/ml



#36 AR-1262-1

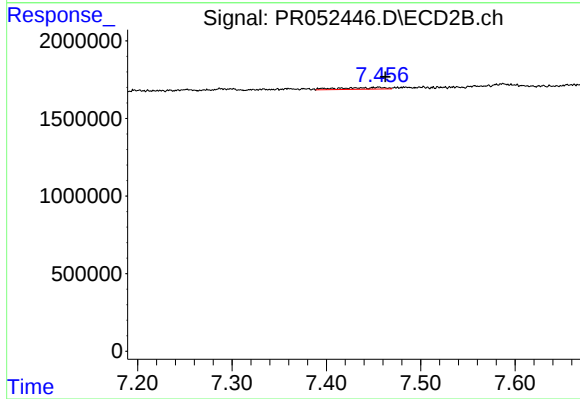
R.T.: 0.000 min
Exp R.T. : 6.758 min
Response: 0
Conc: N.D.



#37 AR-1262-2

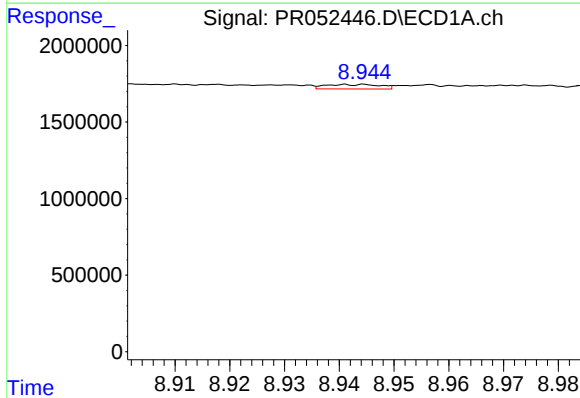
R.T.: 8.655 min
Delta R.T.: -0.028 min
Response: 487333
Conc: 1.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



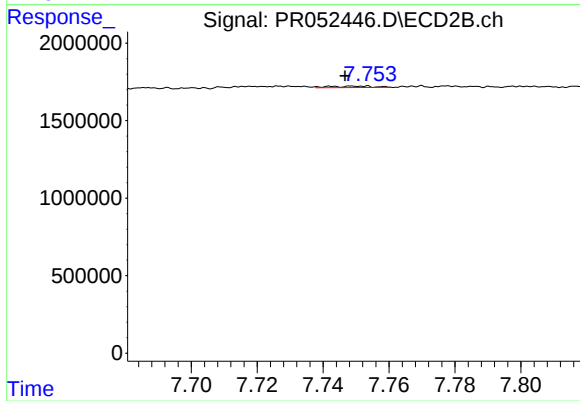
#37 AR-1262-2

R.T.: 7.455 min
Delta R.T.: -0.008 min
Response: 366122
Conc: 1.08 ng/ml



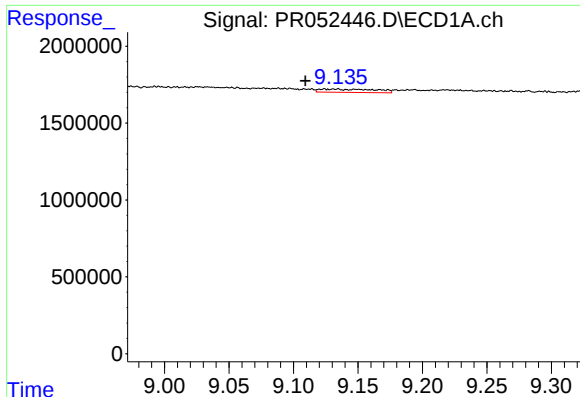
#38 AR-1262-3

R.T.: 8.944 min
Delta R.T.: -0.068 min
Response: 207977
Conc: 1.23 ng/ml



#38 AR-1262-3

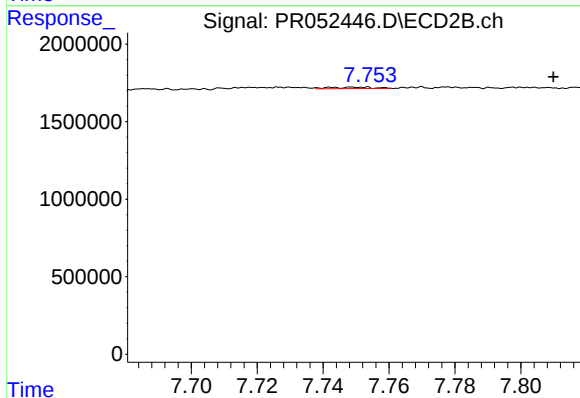
R.T.: 7.750 min
Delta R.T.: 0.003 min
Response: 87834
Conc: 0.63 ng/ml



#39 AR-1262-4

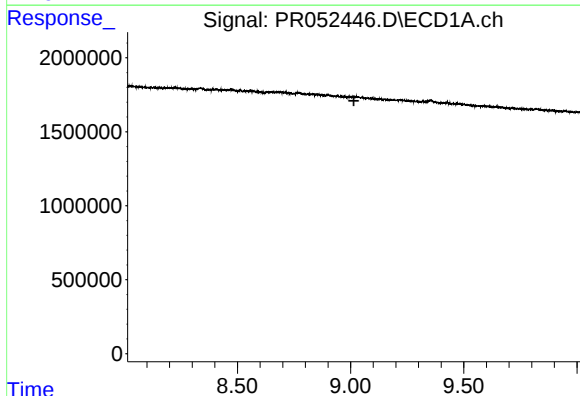
R.T.: 9.124 min
Delta R.T.: 0.014 min
Response: 649029
Conc: 5.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



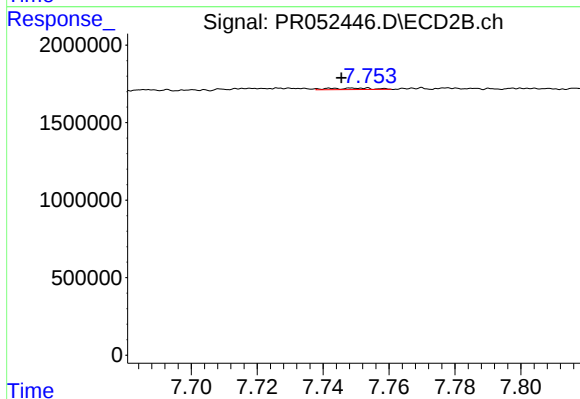
#39 AR-1262-4

R.T.: 7.750 min
Delta R.T.: -0.060 min
Response: 87834
Conc: 0.33 ng/ml



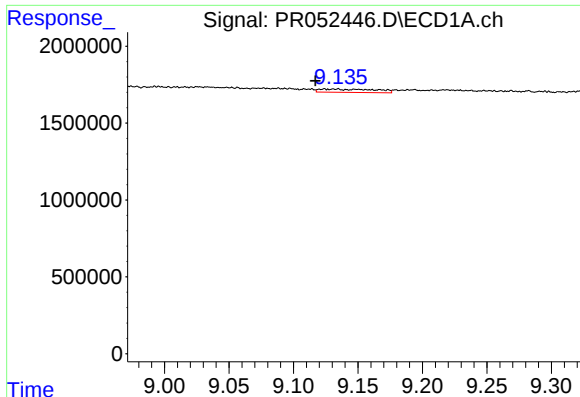
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 9.014 min
Response: 0
Conc: N.D.



#41 AR-1268-1

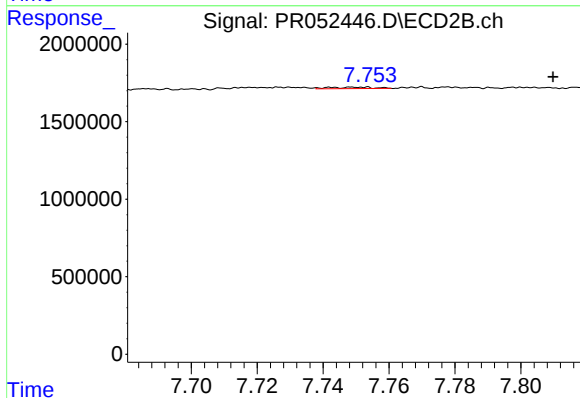
R.T.: 7.750 min
Delta R.T.: 0.004 min
Response: 87834
Conc: 0.22 ng/ml



#42 AR-1268-2

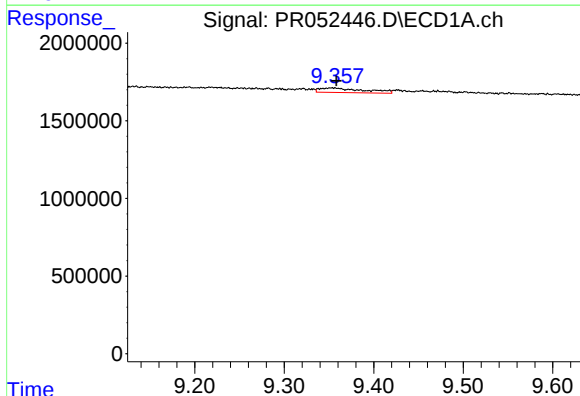
R.T.: 9.124 min
Delta R.T.: 0.007 min
Response: 649029
Conc: 1.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



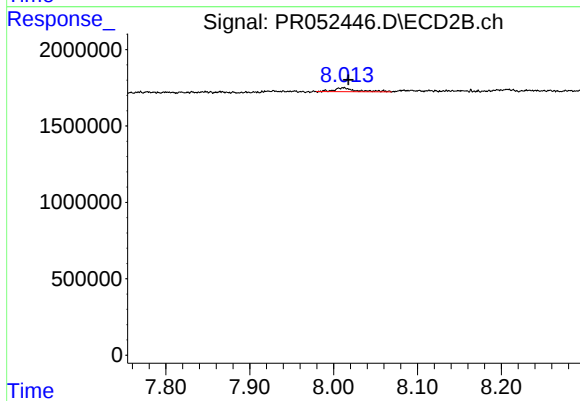
#42 AR-1268-2

R.T.: 7.750 min
Delta R.T.: -0.060 min
Response: 87834
Conc: 0.23 ng/ml



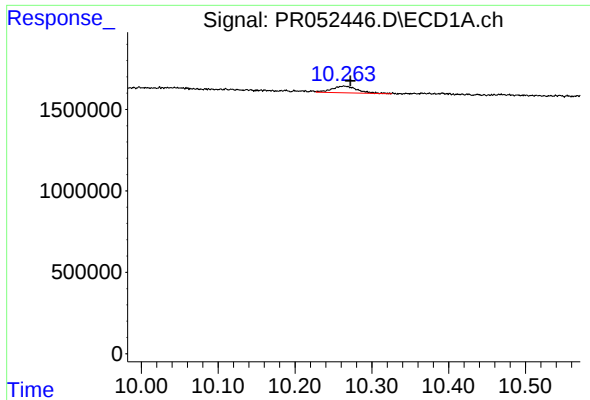
#43 AR-1268-3

R.T.: 9.353 min
Delta R.T.: -0.006 min
Response: 1015260
Conc: 2.90 ng/ml



#43 AR-1268-3

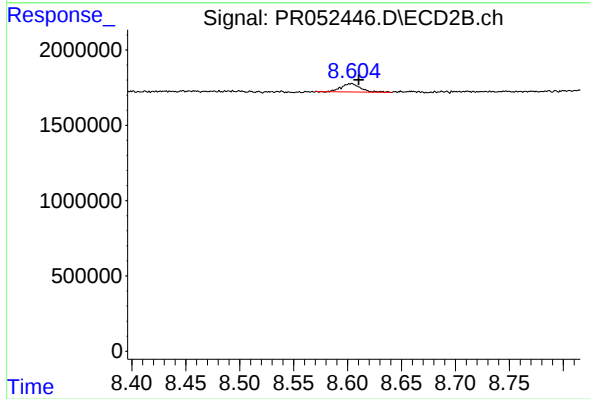
R.T.: 8.011 min
Delta R.T.: -0.006 min
Response: 450107
Conc: 1.32 ng/ml



#45 AR-1268-5

R.T.: 10.264 min
Delta R.T.: -0.008 min
Response: 952724
Conc: 0.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.603 min
Delta R.T.: -0.007 min
Response: 684837
Conc: 0.58 ng/ml