

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081524\
 Data File : PR068313.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2024 18:36
 Operator : AJ\MA
 Sample : P3481-16
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 E0AF1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 15 00:50:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081424CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 14 10:38:14 2024
 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...	3.675	3.008	30996418	75959081	13.019	13.974
2) SA Decachlor...	9.581	8.322	73026274	80879170	29.121	28.699
Target Compounds						
3) L1 AR-1016-1	4.851f	4.130	969026	444990	18.420	2.480 #
4) L1 AR-1016-2	0.000	4.160	0	279083	N.D.	1.109 #
5) L1 AR-1016-3	0.000	4.388f	0	564053	N.D.	4.116 #
6) L1 AR-1016-4	0.000	4.388	0	564053	N.D.	5.044 #
7) L1 AR-1016-5	5.402	4.608	846745	984880	20.026	6.729 #
9) L2 AR-1221-2	3.986	3.314	345157	1011140	19.015	22.946
10) L2 AR-1221-3	0.000	3.423	0	245809	N.D.	1.717 #
11) L3 AR-1232-1	0.000	3.423	0	245809	N.D.	2.171 #
12) L3 AR-1232-2	4.609	4.160	1096864	279083	47.423	2.449 #
13) L3 AR-1232-3	0.000	4.388f	0	564053	N.D.	9.218 #
14) L3 AR-1232-4	0.000	4.388f	0	564053	N.D.	10.150 #
15) L3 AR-1232-5	5.188	4.608	345683	984880	31.905	16.457 #
16) L4 AR-1242-1	4.851f	4.130	969026	444990	21.862	2.915 #
17) L4 AR-1242-2	0.000	4.160	0	279083	N.D.	1.314 #
18) L4 AR-1242-3	0.000	4.388f	0	564053	N.D.	4.872 #
19) L4 AR-1242-4	0.000	4.388f	0	564053	N.D.	4.896 #
20) L4 AR-1242-5	5.880	4.984	365040	2927575	7.710	19.830 #
21) L5 AR-1248-1	4.851f	4.130	969026	444990	28.906	3.964 #
22) L5 AR-1248-2	5.188	4.388	345683	564053	8.503	3.388 #
23) L5 AR-1248-3	5.402	4.388f	846745	564053	14.417	3.327 #
24) L5 AR-1248-4	5.851	4.608	136045	984880	1.996	4.835 #
25) L5 AR-1248-5	5.880	5.007	365040	2954204	4.646	14.775 #
26) L6 AR-1254-1	5.809	4.984	844980	2927575	14.068	9.550 #
27) L6 AR-1254-2	6.039	5.145	929870	3407997	9.322	12.501 #
28) L6 AR-1254-3	6.432	5.571	1413390	7545557	10.939	17.424 #
29) L6 AR-1254-4	6.745	5.818	352877	7989937	3.159	30.035 #
30) L6 AR-1254-5	7.202	6.267	874601	2040795	6.968	5.183 #
31) L7 AR-1260-1	6.618	5.712	292587	8860946	3.643	29.096 #
32) L7 AR-1260-2	6.886	5.923	1250154	3027700	8.584	8.199
33) L7 AR-1260-3	7.290	6.080	485861	2156186	2.949	6.317 #
34) L7 AR-1260-4	7.552	6.591	2136013	553621	15.802	1.878 #
35) L7 AR-1260-5	7.865	6.856	1730569	749097	3.692	1.112 #
36) L8 AR-1262-1	7.290	6.313	485861	538162	2.076	1.309 #
37) L8 AR-1262-2	7.865	6.856	1730569	749097	3.341	1.028 #
38) L8 AR-1262-3	8.179	7.168	598796	1073374	1.686	3.659 #
39) L8 AR-1262-4	8.242	7.230	200284	796289	0.670	1.466 #
40) L8 AR-1262-5	0.000	7.790	0	341528	N.D.	1.362 #
41) L9 AR-1268-1	8.179	7.168	598796	1073374	0.779	1.192 #
42) L9 AR-1268-2	8.242	7.230	200284	796289	0.290	0.966 #

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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	8.479	7.460	658209	565606	1.011	0.812
44) L9	AR-1268-4	0.000	7.790	0	341528	N.D.	1.138 #
45) L9	AR-1268-5	9.275	8.067	731353	403130	0.391	0.193 #

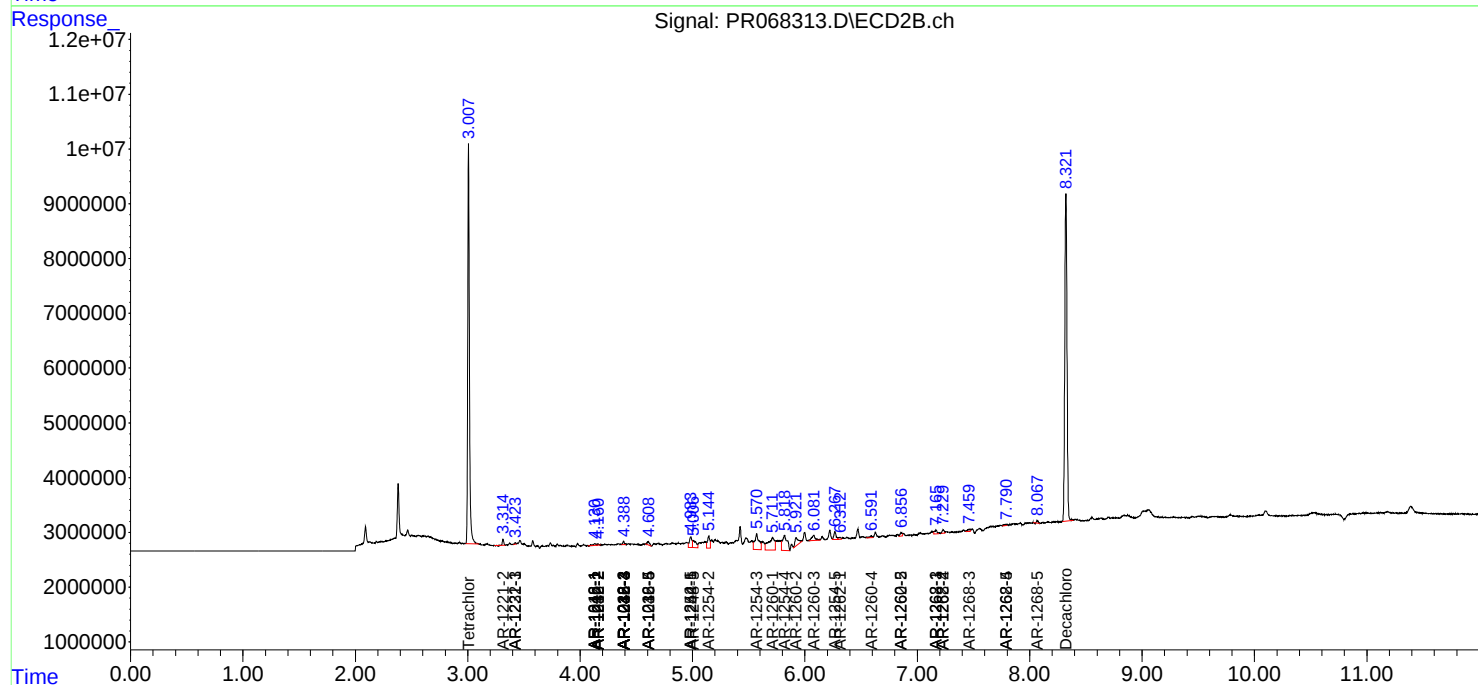
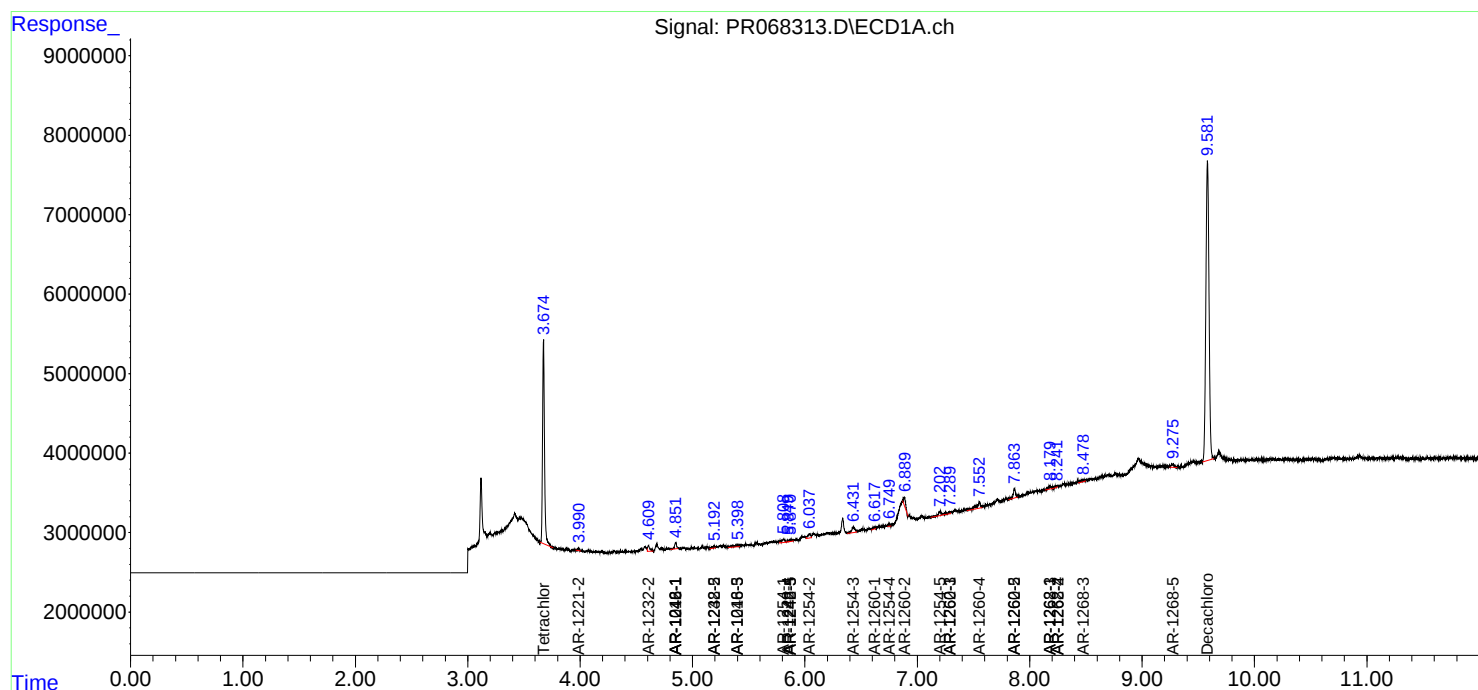
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

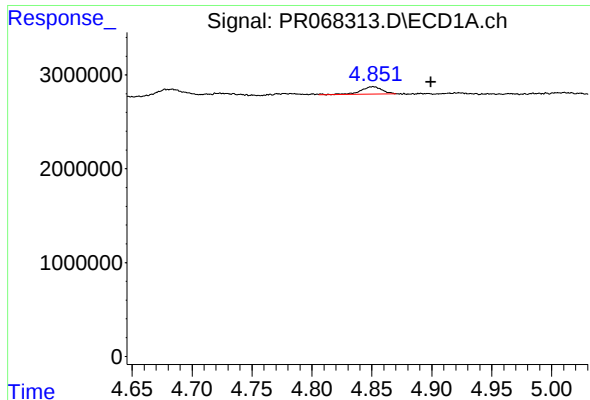
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081524\
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

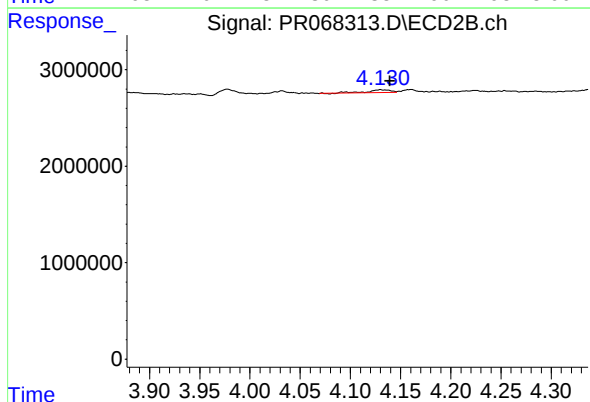




#3 AR-1016-1

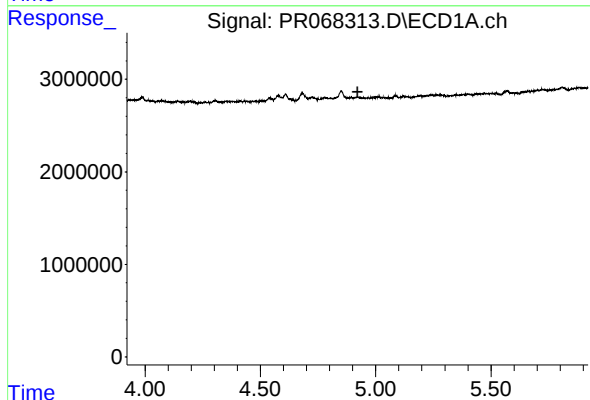
R.T.: 4.851 min
Delta R.T.: -0.048 min
Response: 969026
Conc: 18.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
E0AF1



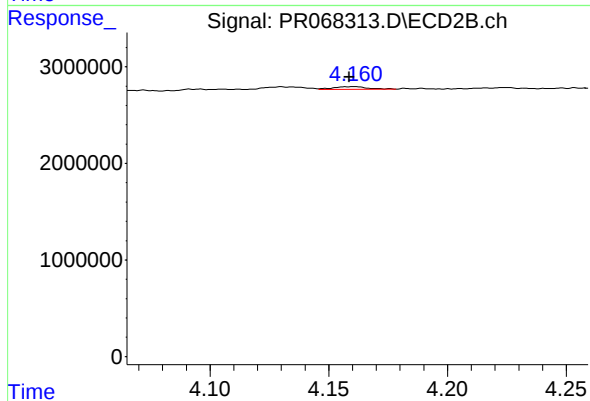
#3 AR-1016-1

R.T.: 4.130 min
Delta R.T.: -0.010 min
Response: 444990
Conc: 2.48 ng/ml



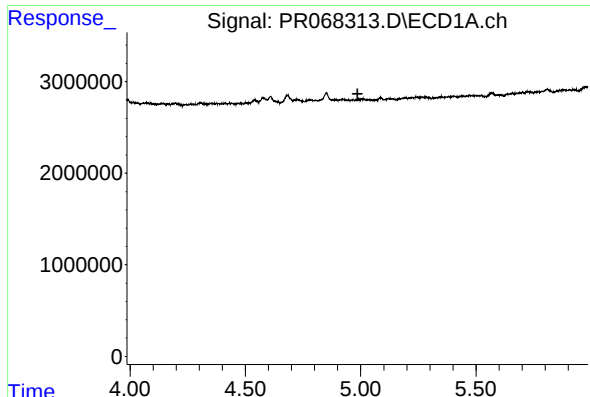
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 4.921 min
Response: 0
Conc: N.D.



#4 AR-1016-2

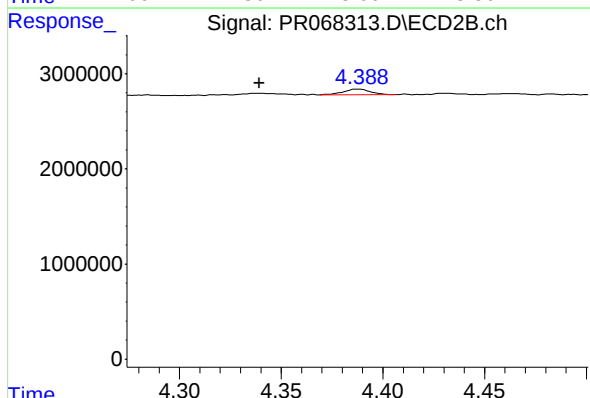
R.T.: 4.160 min
Delta R.T.: 0.002 min
Response: 279083
Conc: 1.11 ng/ml



#5 AR-1016-3

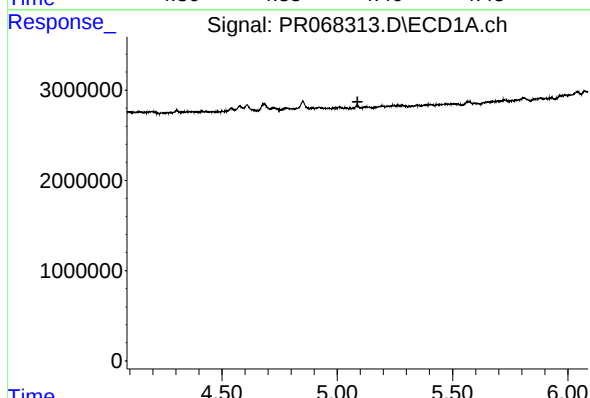
R.T.: 0.000 min
Exp R.T.: 4.986 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
E0AF1



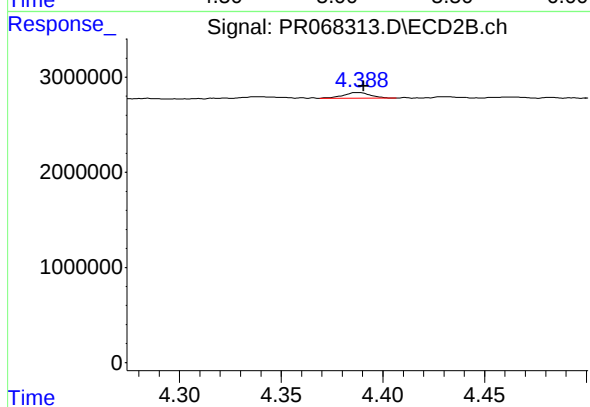
#5 AR-1016-3

R.T.: 4.388 min
Delta R.T.: 0.049 min
Response: 564053
Conc: 4.12 ng/ml



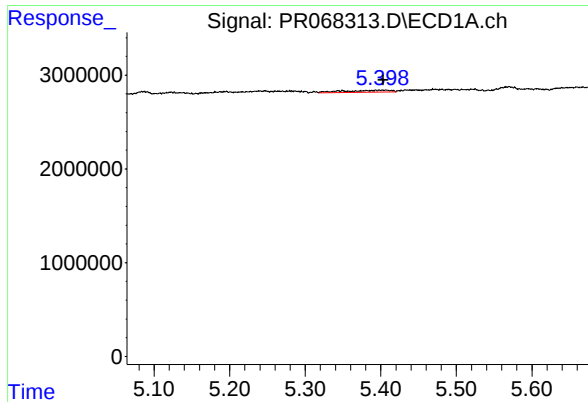
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.088 min
Response: 0
Conc: N.D.



#6 AR-1016-4

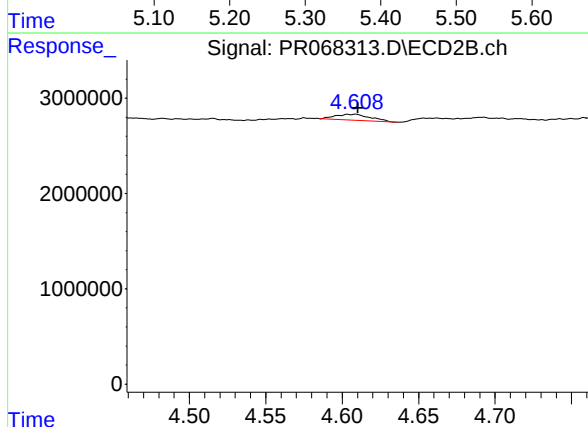
R.T.: 4.388 min
Delta R.T.: -0.003 min
Response: 564053
Conc: 5.04 ng/ml



#7 AR-1016-5

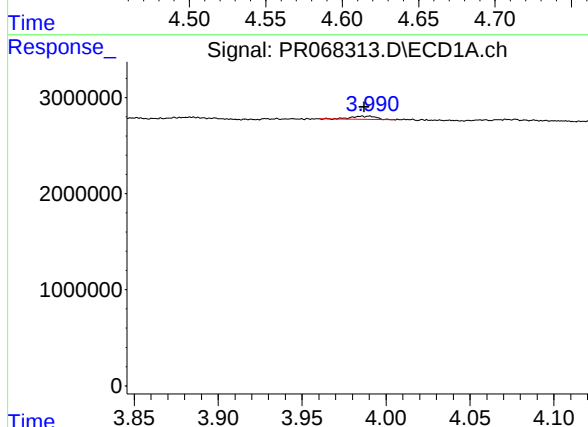
R.T.: 5.402 min
Delta R.T.: -0.001 min
Response: 846745
Conc: 20.03 ng/ml

Instrument :
ECD_R
ClientSampleId :
E0AF1



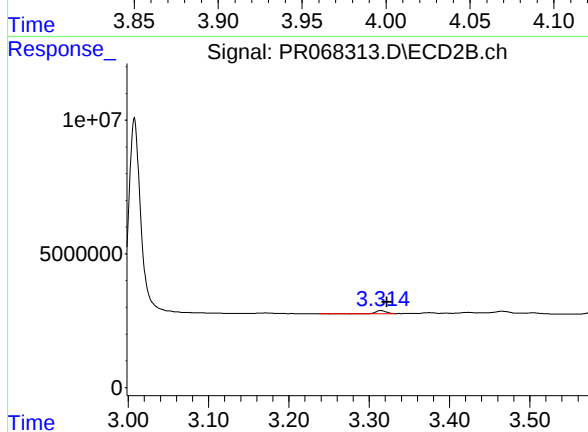
#7 AR-1016-5

R.T.: 4.608 min
Delta R.T.: -0.002 min
Response: 984880
Conc: 6.73 ng/ml



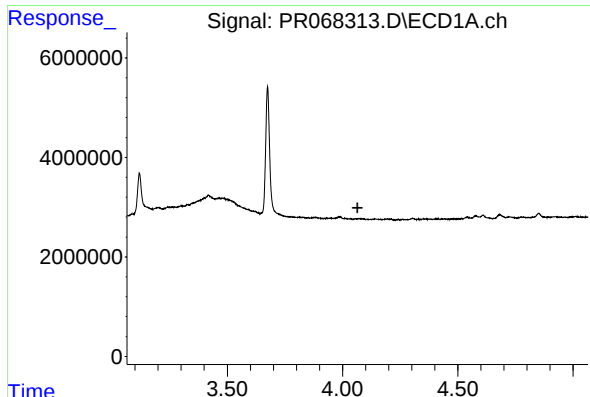
#9 AR-1221-2

R.T.: 3.986 min
Delta R.T.: -0.001 min
Response: 345157
Conc: 19.02 ng/ml



#9 AR-1221-2

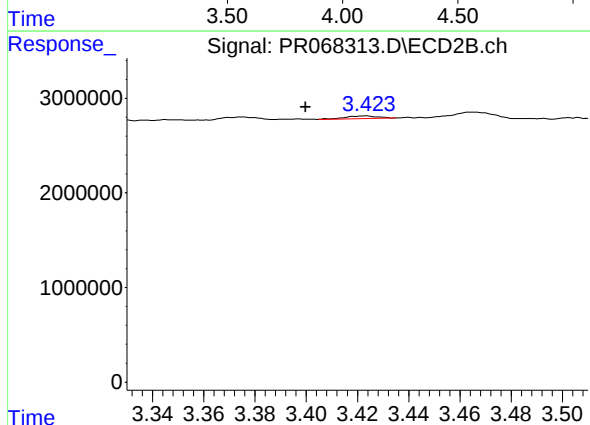
R.T.: 3.314 min
Delta R.T.: -0.008 min
Response: 1011140
Conc: 22.95 ng/ml



#10 AR-1221-3

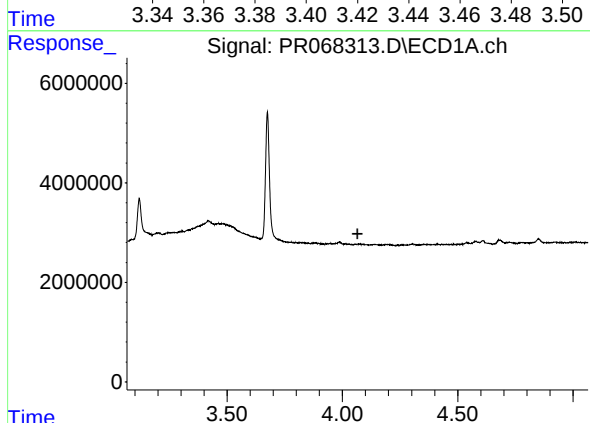
R.T.: 0.000 min
Exp R.T.: 4.065 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
E0AF1



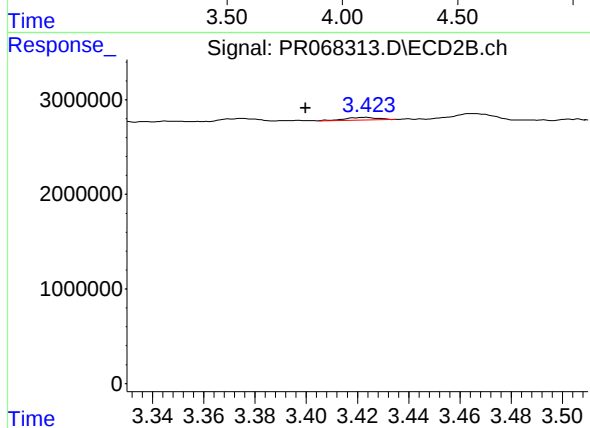
#10 AR-1221-3

R.T.: 3.423 min
Delta R.T.: 0.023 min
Response: 245809
Conc: 1.72 ng/ml



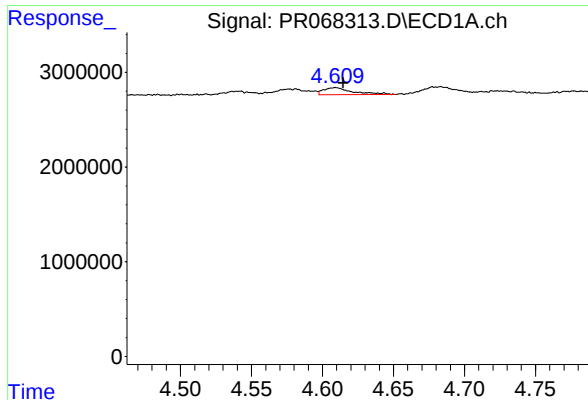
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 4.066 min
Response: 0
Conc: N.D.



#11 AR-1232-1

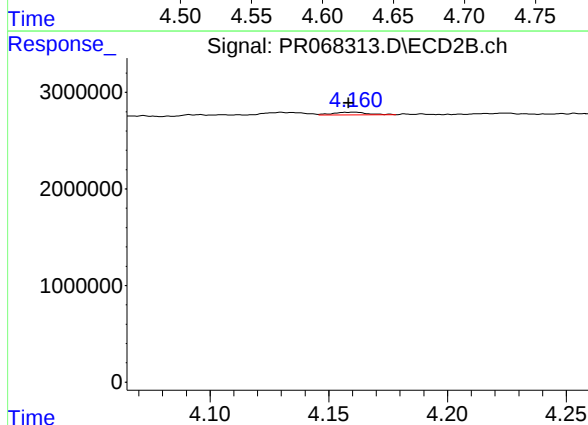
R.T.: 3.423 min
Delta R.T.: 0.023 min
Response: 245809
Conc: 2.17 ng/ml



#12 AR-1232-2

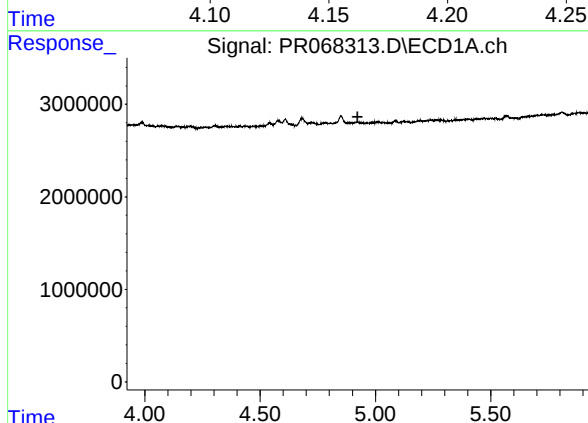
R.T.: 4.609 min
Delta R.T.: -0.006 min
Response: 1096864
Conc: 47.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
E0AF1



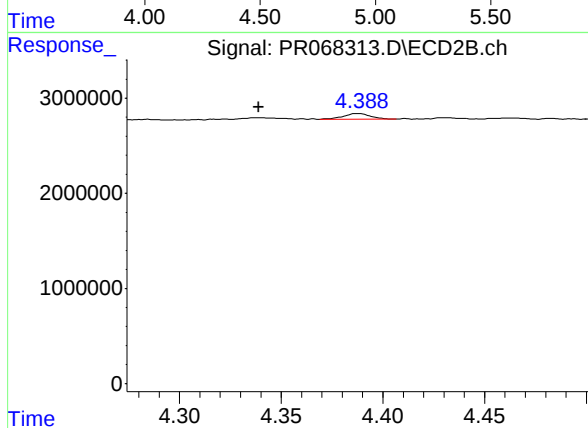
#12 AR-1232-2

R.T.: 4.160 min
Delta R.T.: 0.002 min
Response: 279083
Conc: 2.45 ng/ml



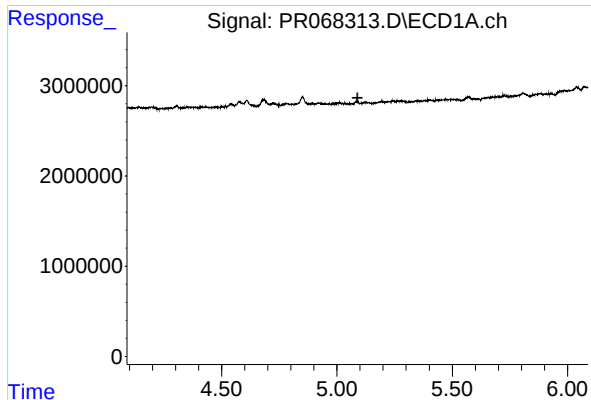
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 4.922 min
Response: 0
Conc: N.D.



#13 AR-1232-3

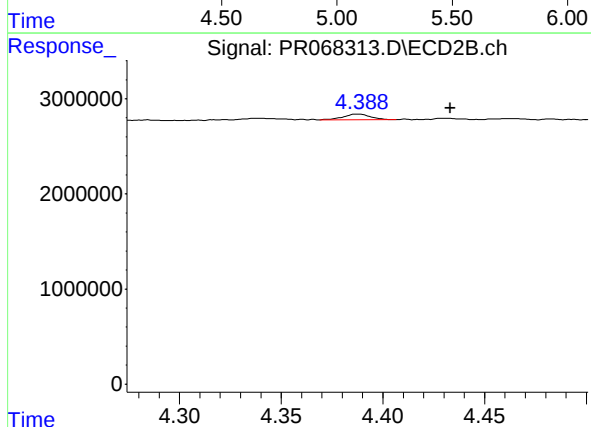
R.T.: 4.388 min
Delta R.T.: 0.049 min
Response: 564053
Conc: 9.22 ng/ml



#14 AR-1232-4

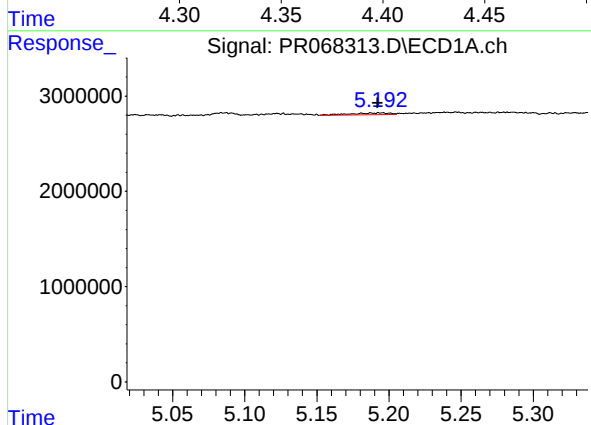
R.T.: 0.000 min
Exp R.T.: 5.089 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
E0AF1



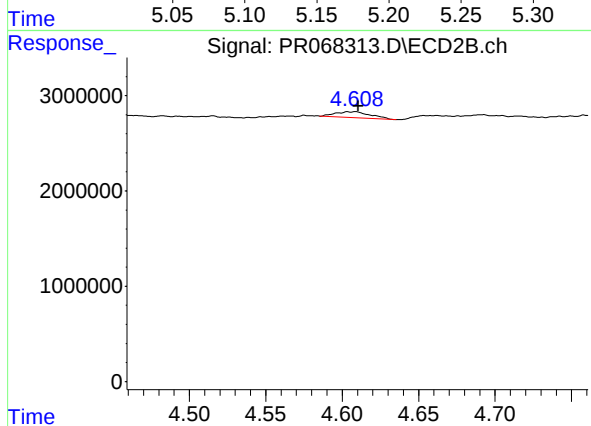
#14 AR-1232-4

R.T.: 4.388 min
Delta R.T.: -0.045 min
Response: 564053
Conc: 10.15 ng/ml



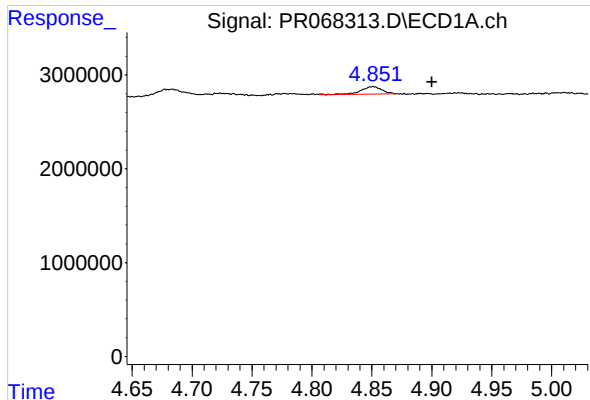
#15 AR-1232-5

R.T.: 5.188 min
Delta R.T.: -0.004 min
Response: 345683
Conc: 31.91 ng/ml



#15 AR-1232-5

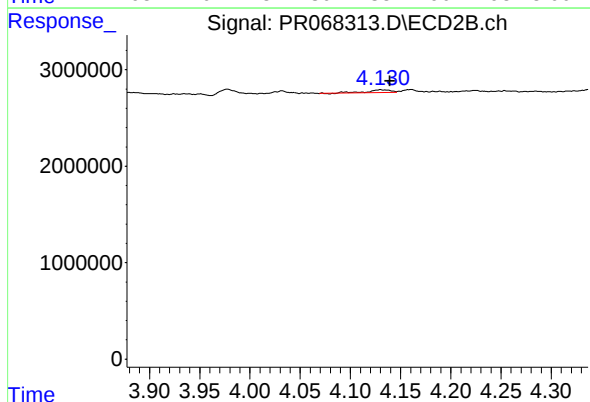
R.T.: 4.608 min
Delta R.T.: -0.002 min
Response: 984880
Conc: 16.46 ng/ml



#16 AR-1242-1

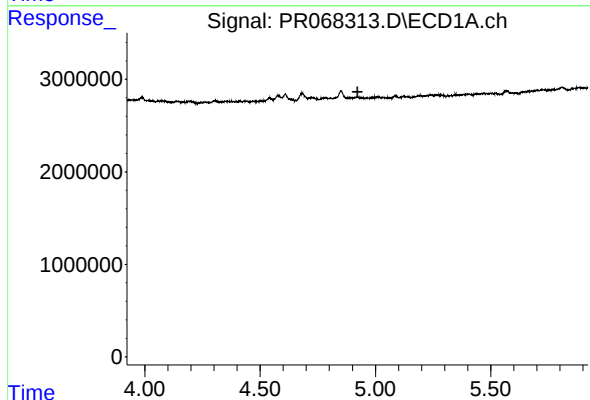
R.T.: 4.851 min
Delta R.T.: -0.049 min
Response: 969026
Conc: 21.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
E0AF1



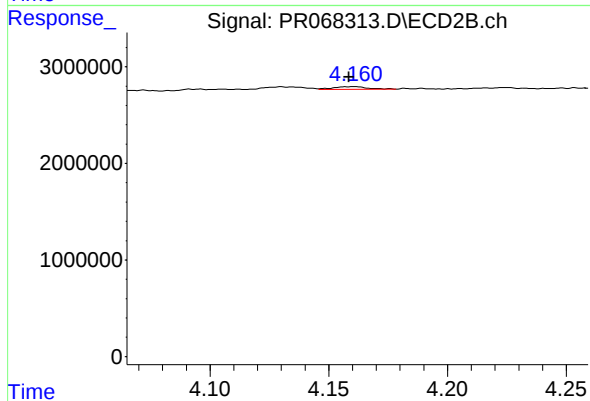
#16 AR-1242-1

R.T.: 4.130 min
Delta R.T.: -0.010 min
Response: 444990
Conc: 2.91 ng/ml



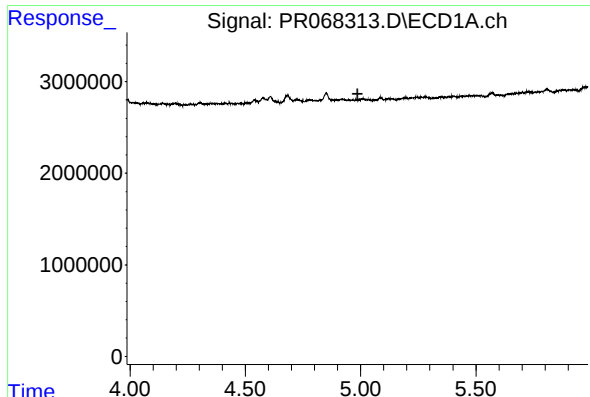
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 4.922 min
Response: 0
Conc: N.D.



#17 AR-1242-2

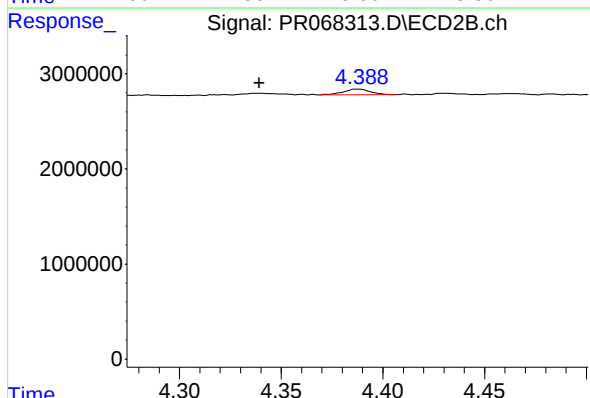
R.T.: 4.160 min
Delta R.T.: 0.002 min
Response: 279083
Conc: 1.31 ng/ml



#18 AR-1242-3

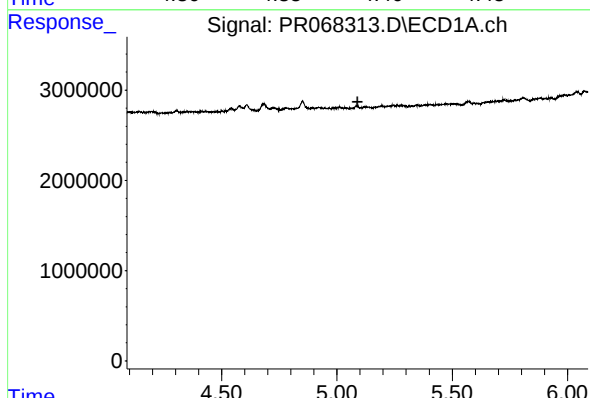
R.T.: 0.000 min
Exp R.T.: 4.986 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
E0AF1



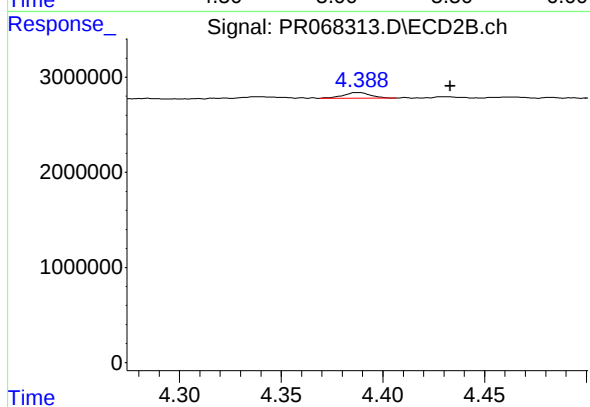
#18 AR-1242-3

R.T.: 4.388 min
Delta R.T.: 0.049 min
Response: 564053
Conc: 4.87 ng/ml



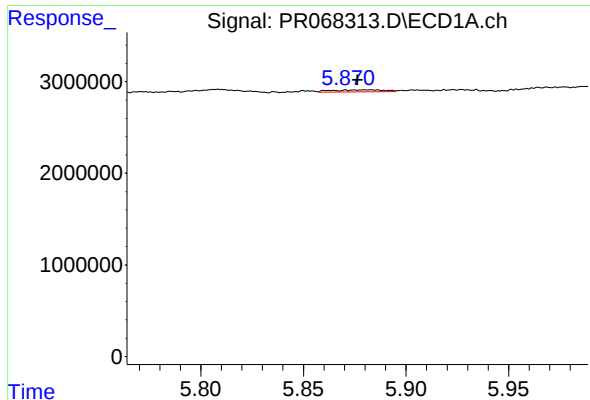
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.089 min
Response: 0
Conc: N.D.



#19 AR-1242-4

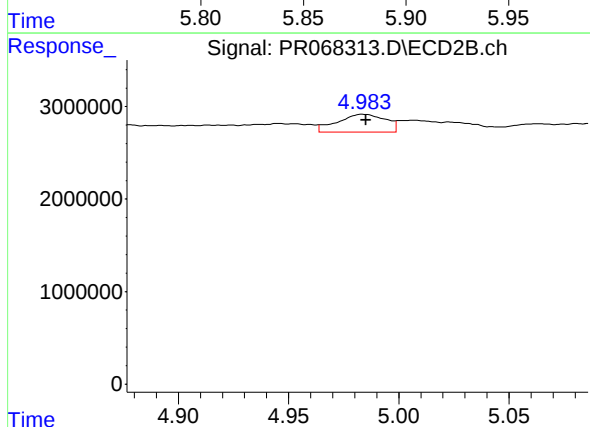
R.T.: 4.388 min
Delta R.T.: -0.045 min
Response: 564053
Conc: 4.90 ng/ml



#20 AR-1242-5

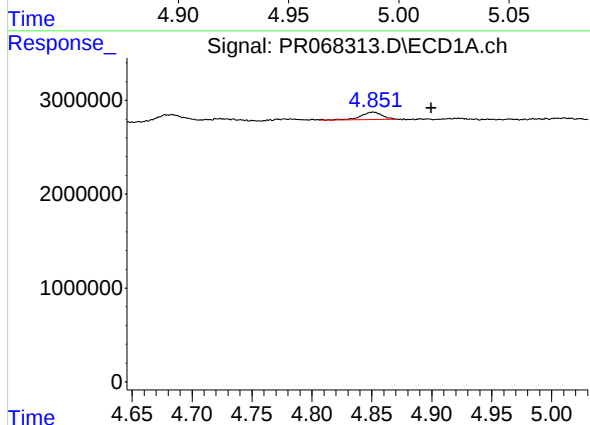
R.T.: 5.880 min
Delta R.T.: 0.004 min
Response: 365040
Conc: 7.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
E0AF1



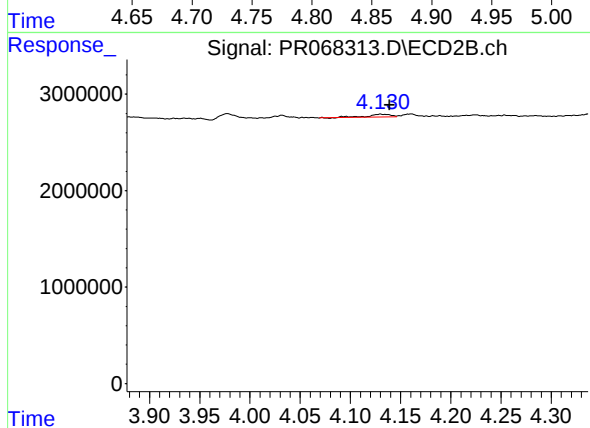
#20 AR-1242-5

R.T.: 4.984 min
Delta R.T.: -0.001 min
Response: 2927575
Conc: 19.83 ng/ml



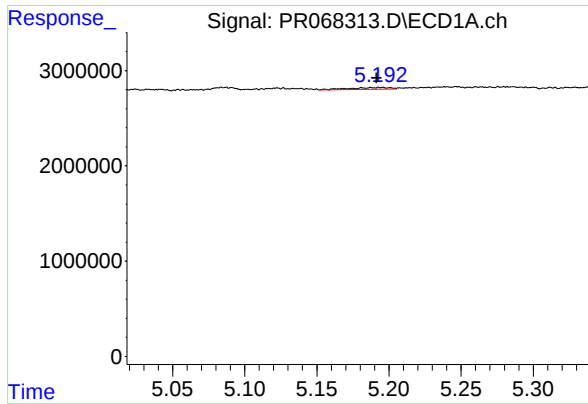
#21 AR-1248-1

R.T.: 4.851 min
Delta R.T.: -0.049 min
Response: 969026
Conc: 28.91 ng/ml



#21 AR-1248-1

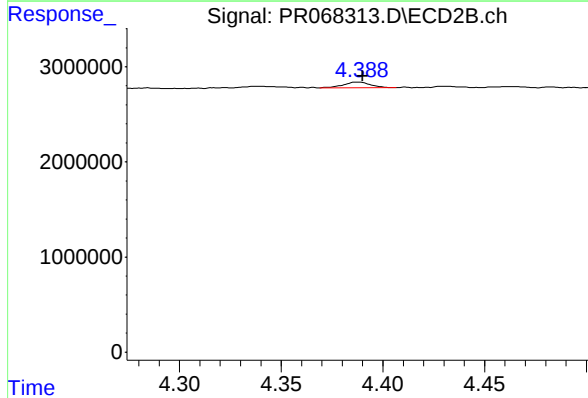
R.T.: 4.130 min
Delta R.T.: -0.009 min
Response: 444990
Conc: 3.96 ng/ml



#22 AR-1248-2

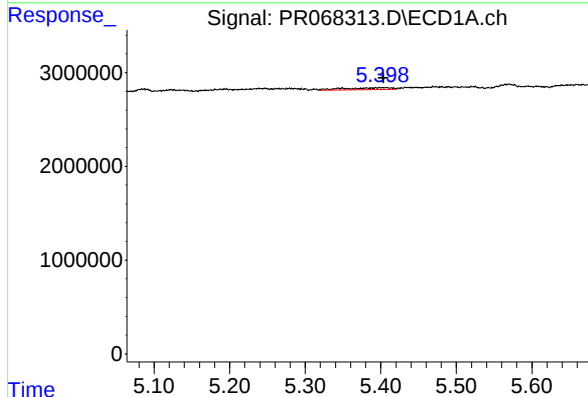
R.T.: 5.188 min
Delta R.T.: -0.004 min
Response: 345683
Conc: 8.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
E0AF1



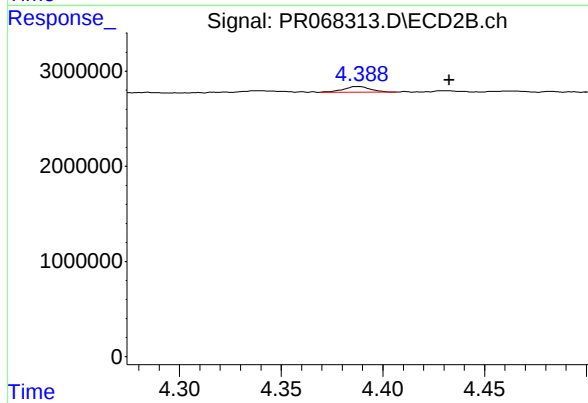
#22 AR-1248-2

R.T.: 4.388 min
Delta R.T.: -0.002 min
Response: 564053
Conc: 3.39 ng/ml



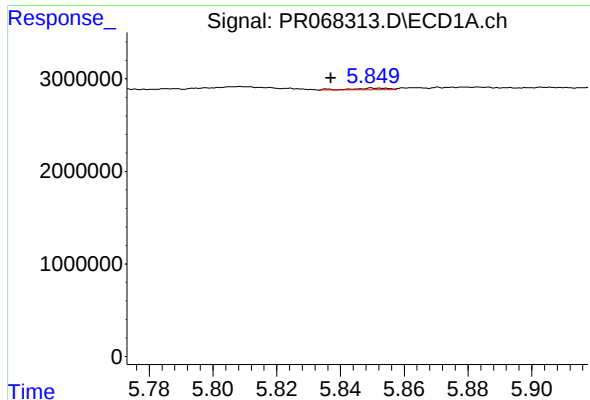
#23 AR-1248-3

R.T.: 5.402 min
Delta R.T.: -0.002 min
Response: 846745
Conc: 14.42 ng/ml



#23 AR-1248-3

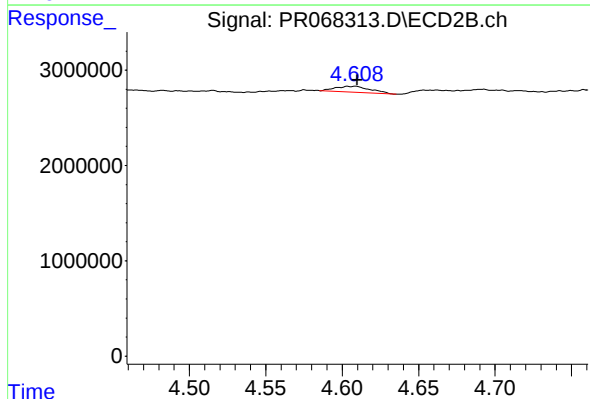
R.T.: 4.388 min
Delta R.T.: -0.045 min
Response: 564053
Conc: 3.33 ng/ml



#24 AR-1248-4

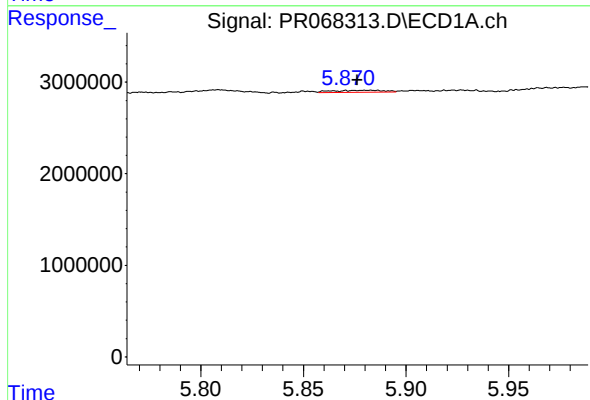
R.T.: 5.851 min
Delta R.T.: 0.014 min
Response: 136045
Conc: 2.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
E0AF1



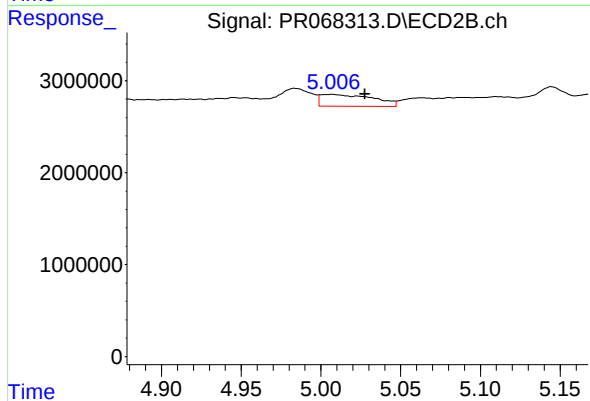
#24 AR-1248-4

R.T.: 4.608 min
Delta R.T.: -0.002 min
Response: 984880
Conc: 4.84 ng/ml



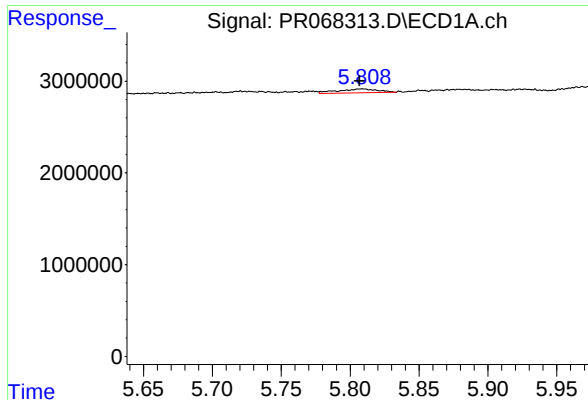
#25 AR-1248-5

R.T.: 5.880 min
Delta R.T.: 0.004 min
Response: 365040
Conc: 4.65 ng/ml



#25 AR-1248-5

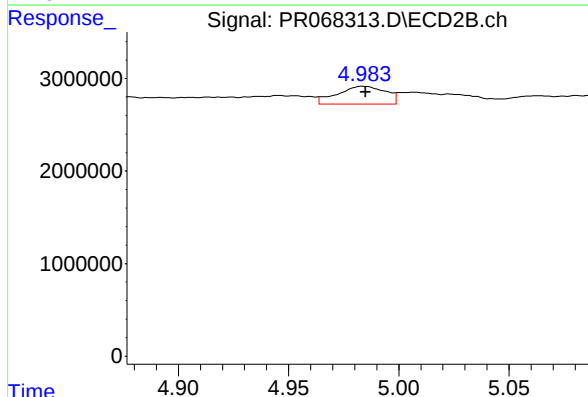
R.T.: 5.007 min
Delta R.T.: -0.021 min
Response: 2954204
Conc: 14.78 ng/ml



#26 AR-1254-1

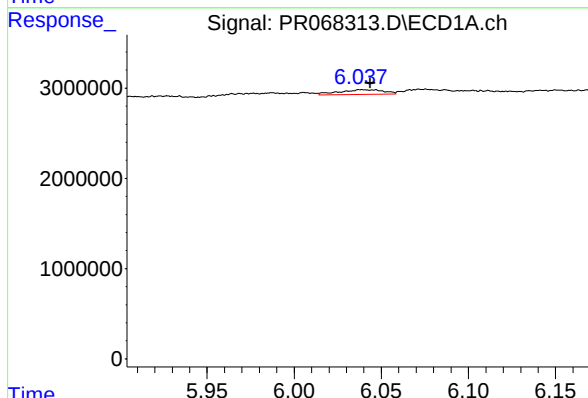
R.T.: 5.809 min
Delta R.T.: 0.002 min
Response: 844980
Conc: 14.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
E0AF1



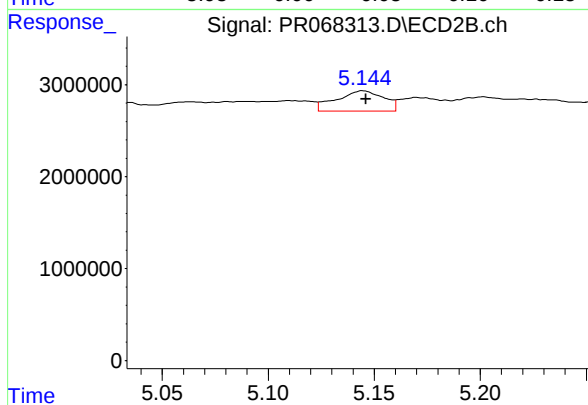
#26 AR-1254-1

R.T.: 4.984 min
Delta R.T.: -0.001 min
Response: 2927575
Conc: 9.55 ng/ml



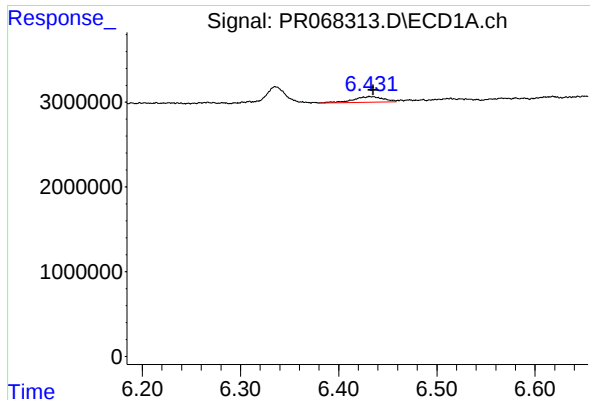
#27 AR-1254-2

R.T.: 6.039 min
Delta R.T.: -0.005 min
Response: 929870
Conc: 9.32 ng/ml



#27 AR-1254-2

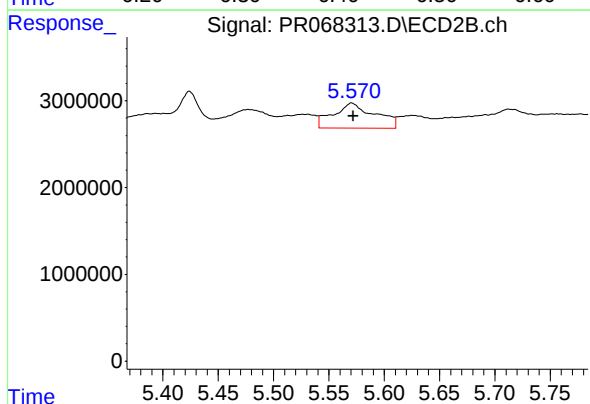
R.T.: 5.145 min
Delta R.T.: -0.001 min
Response: 3407997
Conc: 12.50 ng/ml



#28 AR-1254-3

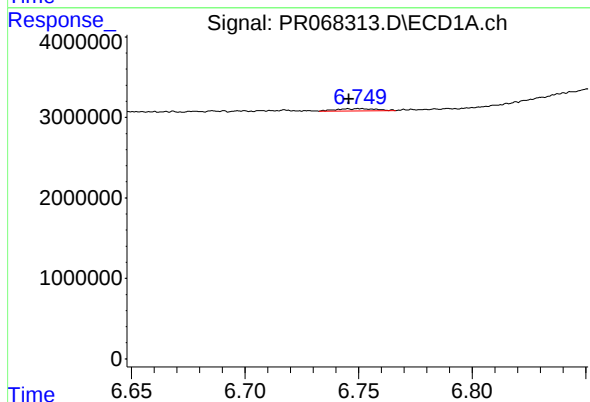
R.T.: 6.432 min
Delta R.T.: -0.003 min
Response: 1413390
Conc: 10.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
E0AF1



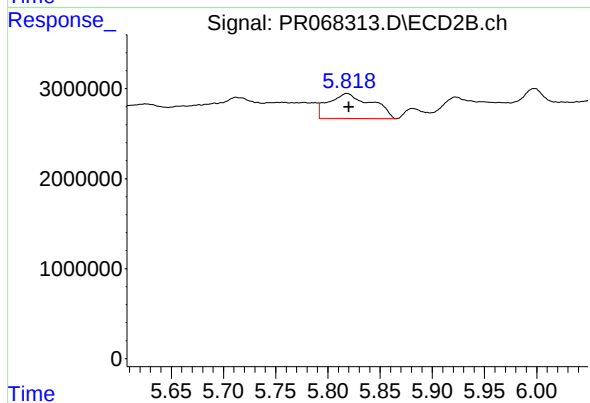
#28 AR-1254-3

R.T.: 5.571 min
Delta R.T.: -0.001 min
Response: 7545557
Conc: 17.42 ng/ml



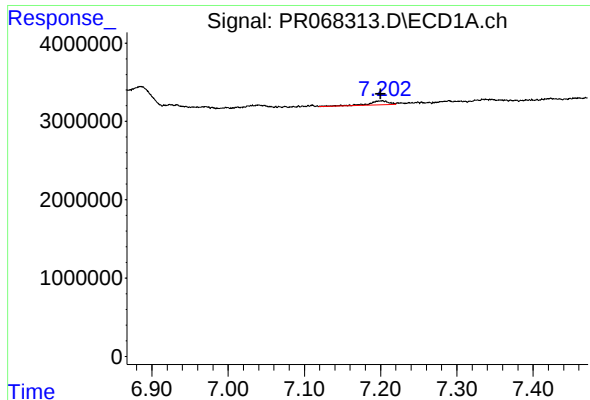
#29 AR-1254-4

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 352877
Conc: 3.16 ng/ml



#29 AR-1254-4

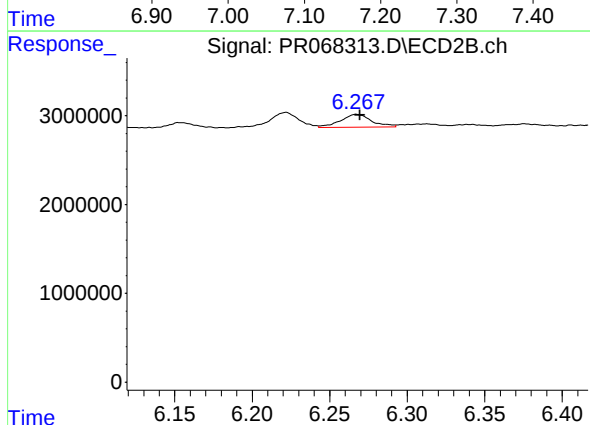
R.T.: 5.818 min
Delta R.T.: -0.002 min
Response: 7989937
Conc: 30.03 ng/ml



#30 AR-1254-5

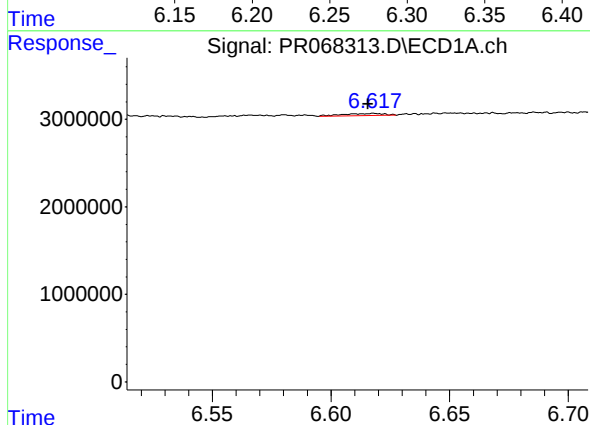
R.T.: 7.202 min
Delta R.T.: 0.002 min
Response: 874601
Conc: 6.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
E0AF1



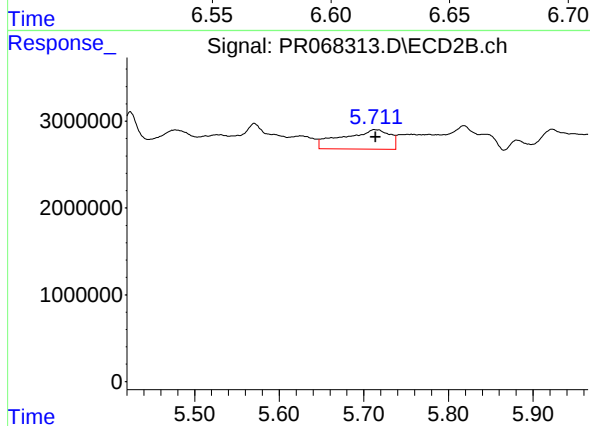
#30 AR-1254-5

R.T.: 6.267 min
Delta R.T.: -0.002 min
Response: 2040795
Conc: 5.18 ng/ml



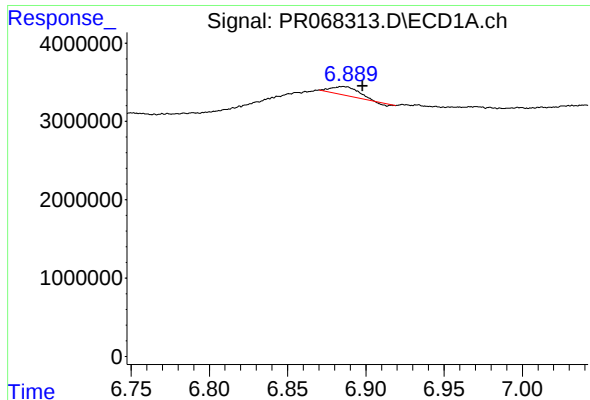
#31 AR-1260-1

R.T.: 6.618 min
Delta R.T.: 0.002 min
Response: 292587
Conc: 3.64 ng/ml



#31 AR-1260-1

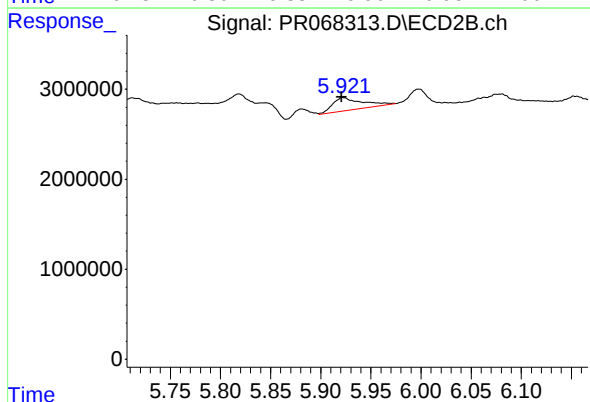
R.T.: 5.712 min
Delta R.T.: -0.002 min
Response: 8860946
Conc: 29.10 ng/ml



#32 AR-1260-2

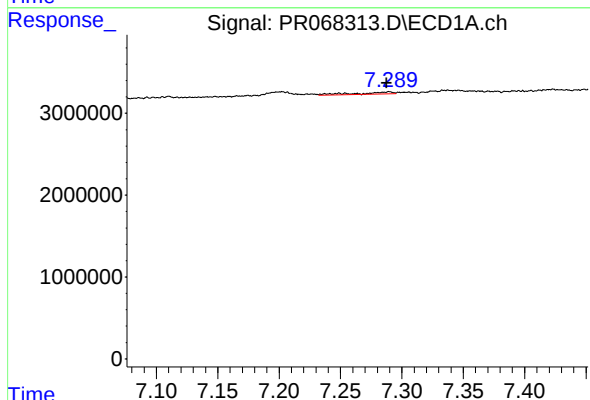
R.T.: 6.886 min
Delta R.T.: -0.012 min
Response: 1250154
Conc: 8.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
E0AF1



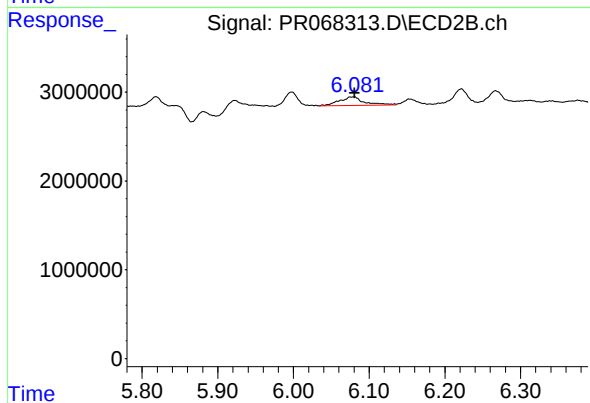
#32 AR-1260-2

R.T.: 5.923 min
Delta R.T.: 0.002 min
Response: 3027700
Conc: 8.20 ng/ml



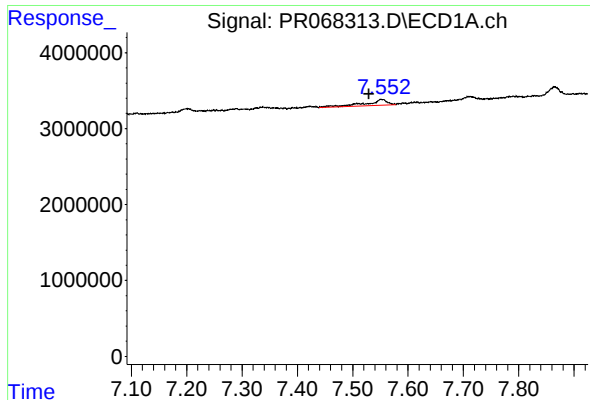
#33 AR-1260-3

R.T.: 7.290 min
Delta R.T.: 0.002 min
Response: 485861
Conc: 2.95 ng/ml



#33 AR-1260-3

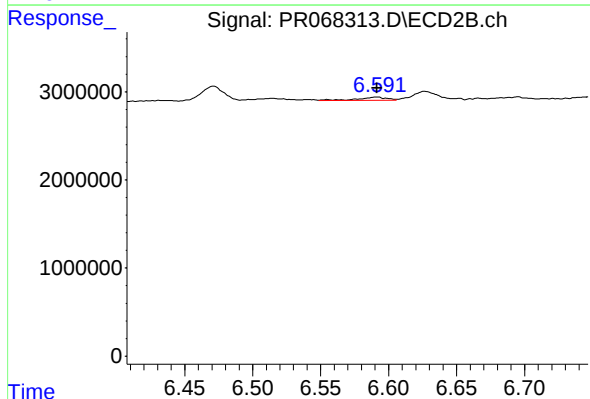
R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 2156186
Conc: 6.32 ng/ml



#34 AR-1260-4

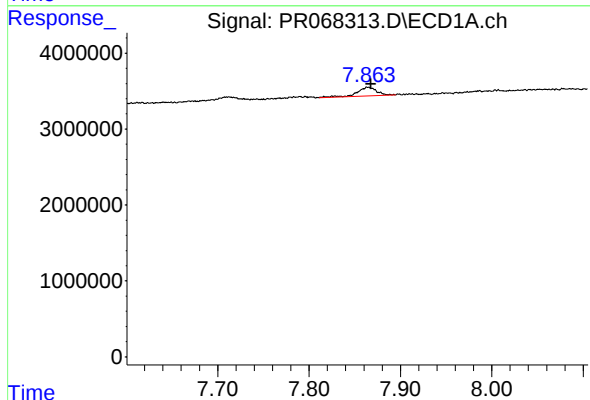
R.T.: 7.552 min
Delta R.T.: 0.022 min
Response: 2136013
Conc: 15.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
E0AF1



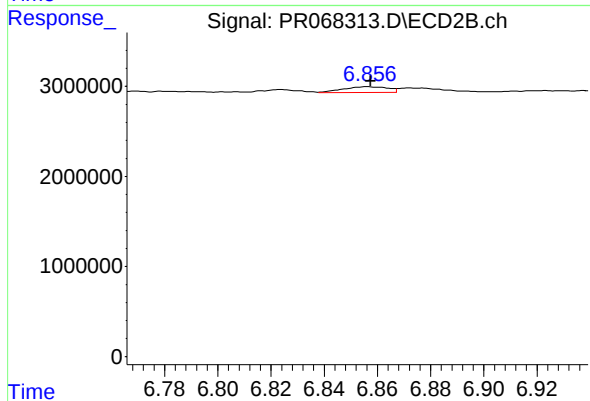
#34 AR-1260-4

R.T.: 6.591 min
Delta R.T.: 0.000 min
Response: 553621
Conc: 1.88 ng/ml



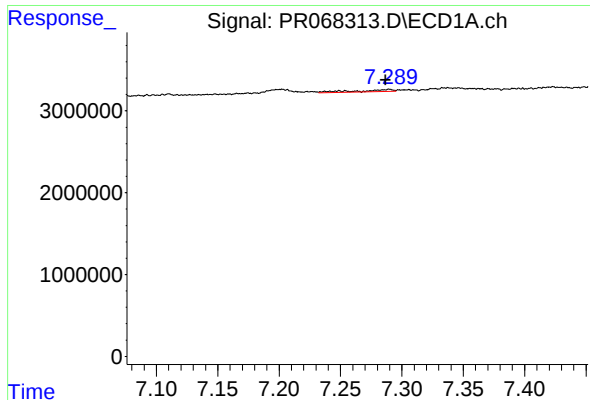
#35 AR-1260-5

R.T.: 7.865 min
Delta R.T.: -0.003 min
Response: 1730569
Conc: 3.69 ng/ml



#35 AR-1260-5

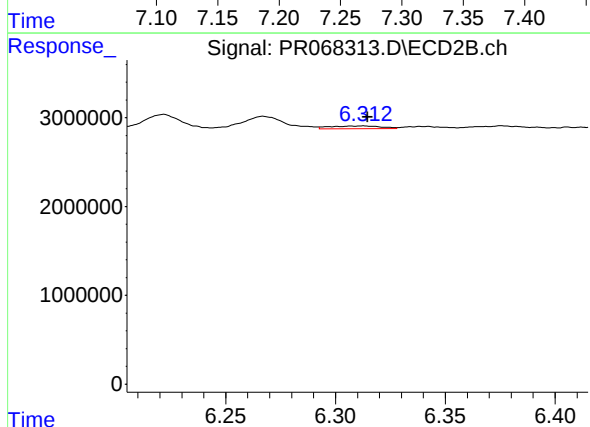
R.T.: 6.856 min
Delta R.T.: -0.001 min
Response: 749097
Conc: 1.11 ng/ml



#36 AR-1262-1

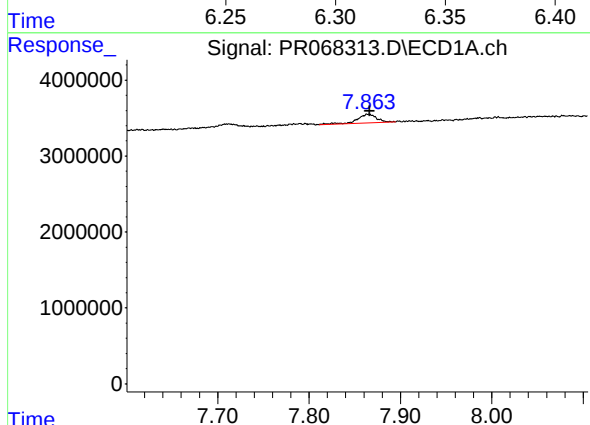
R.T.: 7.290 min
Delta R.T.: 0.003 min
Response: 485861
Conc: 2.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
E0AF1



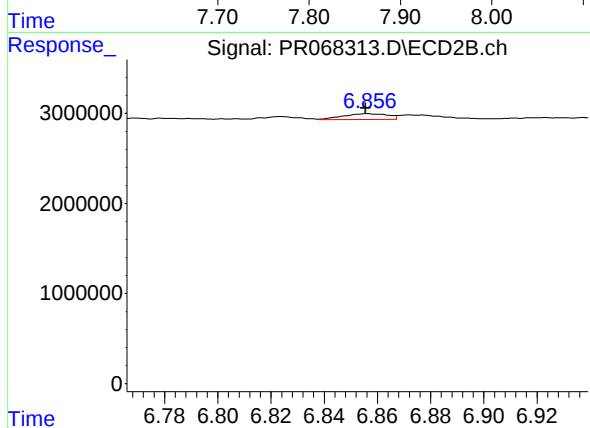
#36 AR-1262-1

R.T.: 6.313 min
Delta R.T.: -0.002 min
Response: 538162
Conc: 1.31 ng/ml



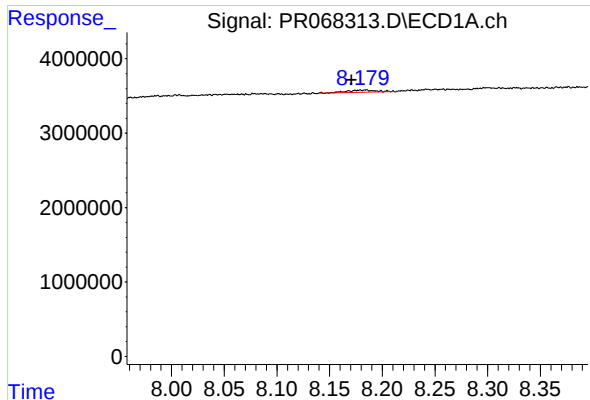
#37 AR-1262-2

R.T.: 7.865 min
Delta R.T.: -0.002 min
Response: 1730569
Conc: 3.34 ng/ml



#37 AR-1262-2

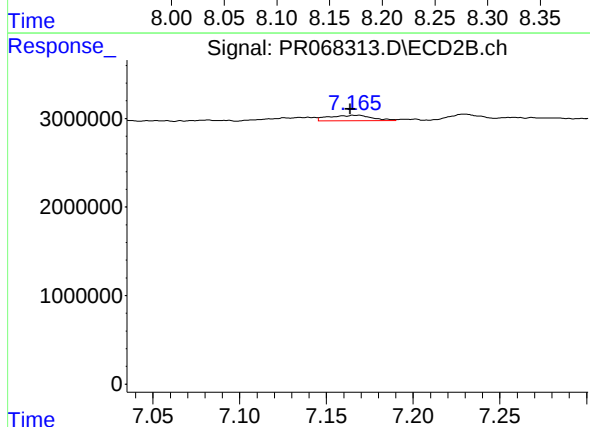
R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 749097
Conc: 1.03 ng/ml



#38 AR-1262-3

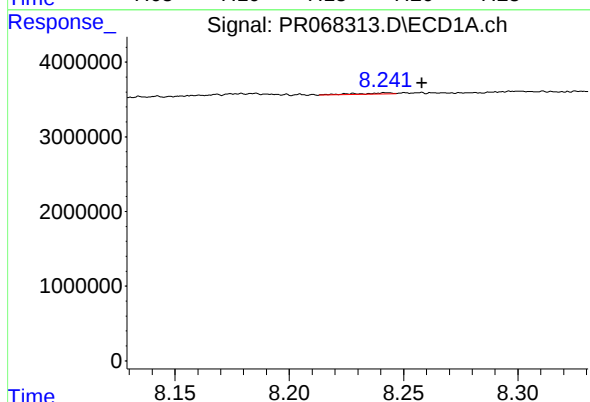
R.T.: 8.179 min
Delta R.T.: 0.008 min
Response: 598796
Conc: 1.69 ng/ml

Instrument :
ECD_R
ClientSampleId :
E0AF1



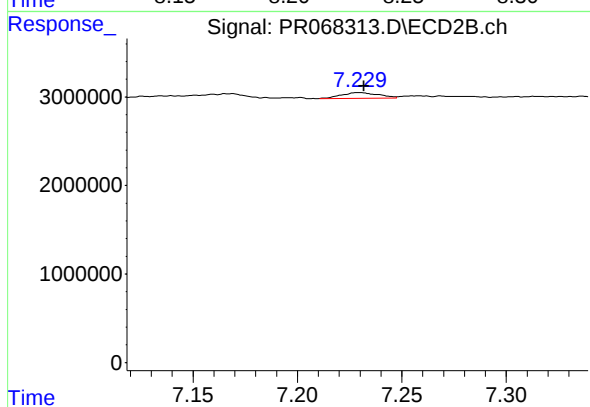
#38 AR-1262-3

R.T.: 7.168 min
Delta R.T.: 0.004 min
Response: 1073374
Conc: 3.66 ng/ml



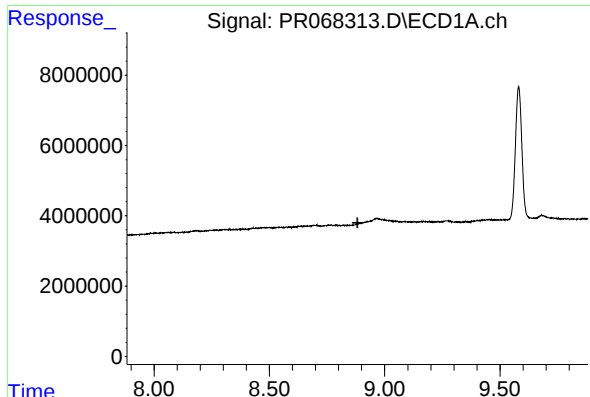
#39 AR-1262-4

R.T.: 8.242 min
Delta R.T.: -0.016 min
Response: 200284
Conc: 0.67 ng/ml



#39 AR-1262-4

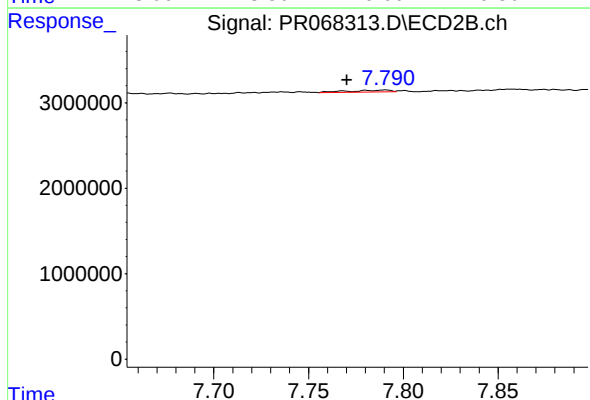
R.T.: 7.230 min
Delta R.T.: -0.002 min
Response: 796289
Conc: 1.47 ng/ml



#40 AR-1262-5

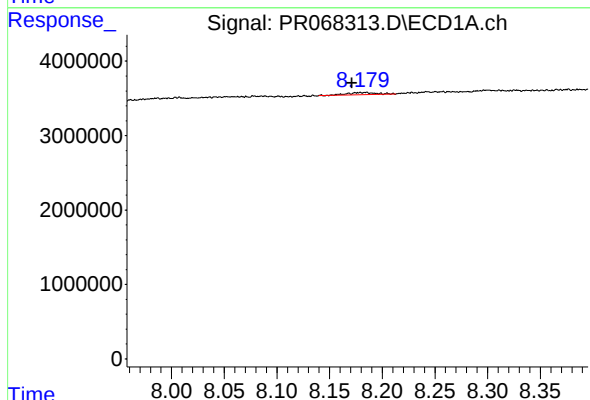
R.T.: 0.000 min
Exp R.T.: 8.882 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
E0AF1



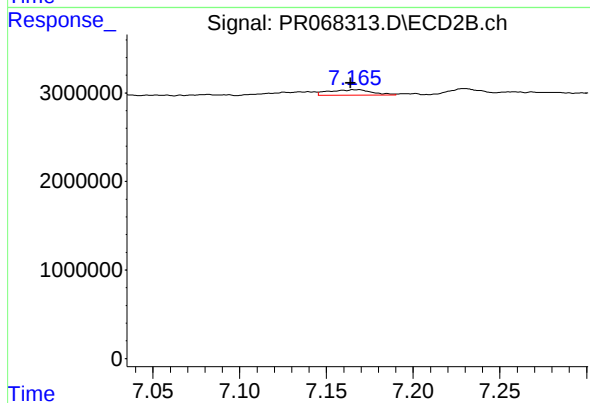
#40 AR-1262-5

R.T.: 7.790 min
Delta R.T.: 0.020 min
Response: 341528
Conc: 1.36 ng/ml



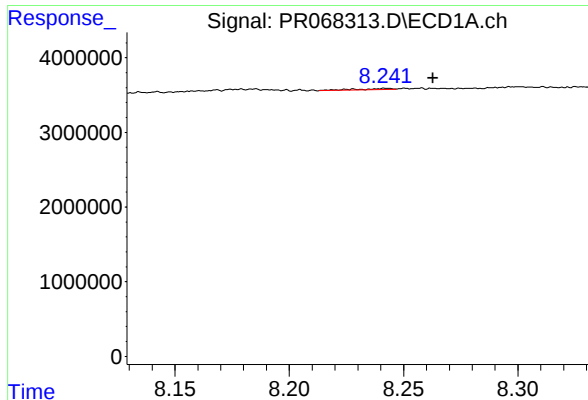
#41 AR-1268-1

R.T.: 8.179 min
Delta R.T.: 0.008 min
Response: 598796
Conc: 0.78 ng/ml



#41 AR-1268-1

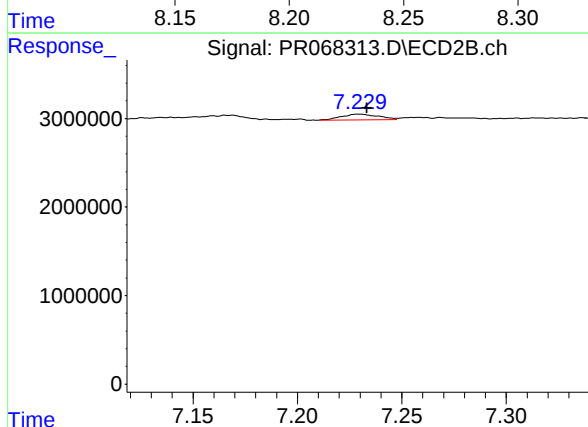
R.T.: 7.168 min
Delta R.T.: 0.004 min
Response: 1073374
Conc: 1.19 ng/ml



#42 AR-1268-2

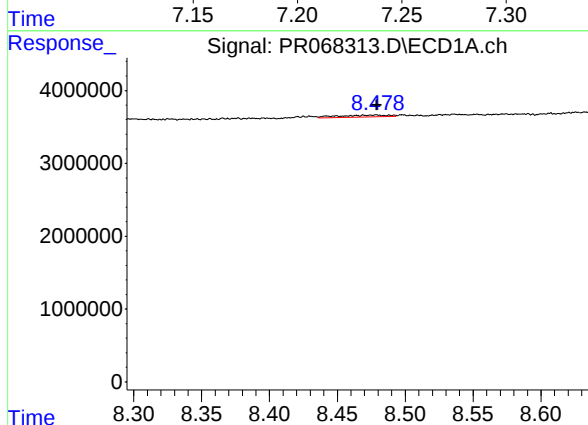
R.T.: 8.242 min
Delta R.T.: -0.020 min
Response: 200284
Conc: 0.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
E0AF1



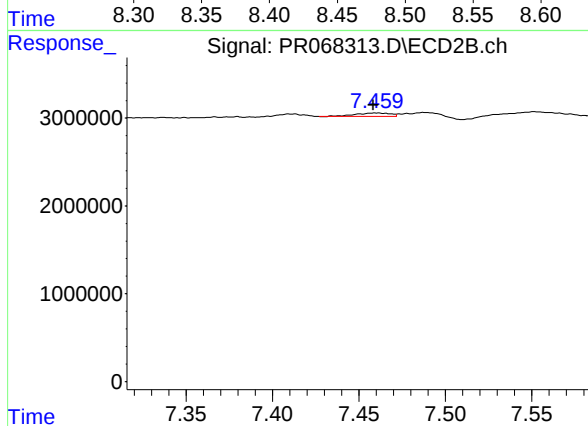
#42 AR-1268-2

R.T.: 7.230 min
Delta R.T.: -0.004 min
Response: 796289
Conc: 0.97 ng/ml



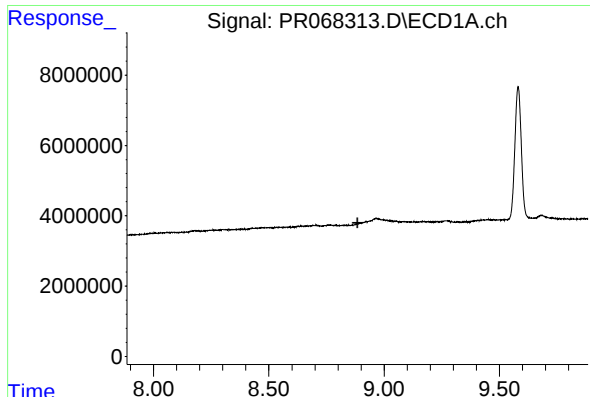
#43 AR-1268-3

R.T.: 8.479 min
Delta R.T.: 0.000 min
Response: 658209
Conc: 1.01 ng/ml



#43 AR-1268-3

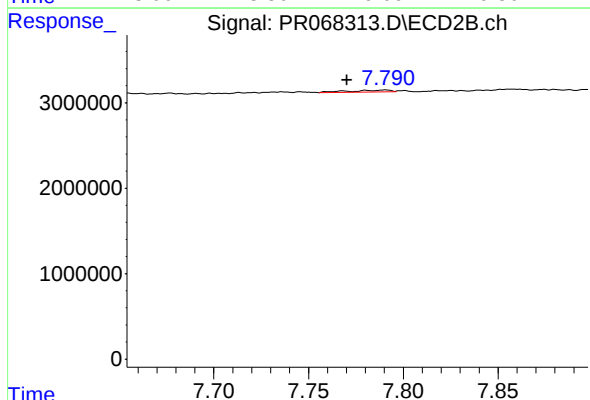
R.T.: 7.460 min
Delta R.T.: 0.002 min
Response: 565606
Conc: 0.81 ng/ml



#44 AR-1268-4

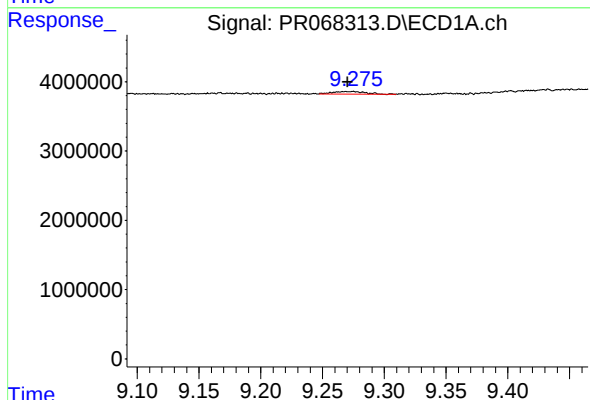
R.T.: 0.000 min
Exp R.T.: 8.885 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
E0AF1



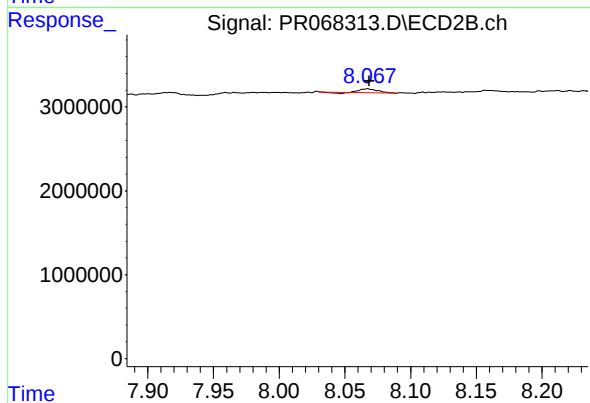
#44 AR-1268-4

R.T.: 7.790 min
Delta R.T.: 0.020 min
Response: 341528
Conc: 1.14 ng/ml



#45 AR-1268-5

R.T.: 9.275 min
Delta R.T.: 0.004 min
Response: 731353
Conc: 0.39 ng/ml



#45 AR-1268-5

R.T.: 8.067 min
Delta R.T.: -0.002 min
Response: 403130
Conc: 0.19 ng/ml