

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR082523\
 Data File : PR062725.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Aug 2023 18:52
 Operator : YP\AJ
 Sample : 04123-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 25 23:01:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072723CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 27 05:18:59 2023
 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...	3.683	2.955	42350380	61485832	19.720	19.827
2)	SA Decachlor...	9.613	8.231	55571990	145.3E6	34.875	36.352
Target Compounds							
3)	L1 AR-1016-1	4.862f	4.068	2279090	97751	33.735	0.887 #
4)	L1 AR-1016-2	0.000	4.099	0	218459	N.D.	1.422 #
5)	L1 AR-1016-3	0.000	4.275	0	112789	N.D.	1.335 #
6)	L1 AR-1016-4	0.000	4.323	0	192520	N.D.	2.819 #
7)	L1 AR-1016-5	0.000	4.537	0	323516	N.D.	3.577 #
9)	L2 AR-1221-2	3.997	3.258	717117	1132772	42.511	40.561
10)	L2 AR-1221-3	4.072	3.342	157496	394580	2.797	4.343 #
11)	L3 AR-1232-1	4.072	3.342	157496	394580	3.429	5.286 #
12)	L3 AR-1232-2	4.646	4.099	508854	218459	21.255	3.191 #
13)	L3 AR-1232-3	0.000	4.275	0	112789	N.D.	3.071 #
14)	L3 AR-1232-4	0.000	4.381	0	191224	N.D.	5.670 #
15)	L3 AR-1232-5	0.000	4.537	0	323516	N.D.	8.488 #
16)	L4 AR-1242-1	4.862f	4.068	2279090	97751	41.341	1.124 #
17)	L4 AR-1242-2	0.000	4.099	0	218459	N.D.	1.800 #
18)	L4 AR-1242-3	0.000	4.275	0	112789	N.D.	1.685 #
19)	L4 AR-1242-4	0.000	4.381	0	191224	N.D.	2.870 #
20)	L4 AR-1242-5	0.000	4.921	0	254677	N.D.	2.942 #
21)	L5 AR-1248-1	4.862f	4.068	2279090	97751	53.724	1.408 #
22)	L5 AR-1248-2	0.000	4.323	0	192520	N.D.	1.969 #
23)	L5 AR-1248-3	0.000	4.381	0	191224	N.D.	1.893 #
24)	L5 AR-1248-4	0.000	4.537	0	323516	N.D.	2.654 #
25)	L5 AR-1248-5	0.000	4.940	0	1345973	N.D.	10.999 #
26)	L6 AR-1254-1	0.000	4.921	0	254677	N.D.	1.332 #
27)	L6 AR-1254-2	0.000	5.068	0	304806	N.D.	1.823 #
28)	L6 AR-1254-3	0.000	5.496	0	350770	N.D.	1.268 #
29)	L6 AR-1254-4	0.000	5.740	0	223435	N.D.	1.253 #
30)	L6 AR-1254-5	0.000	6.199	0	302940	N.D.	1.147 #
31)	L7 AR-1260-1	0.000	5.638	0	269744	N.D.	1.362 #
32)	L7 AR-1260-2	0.000	5.845	0	299323	N.D.	1.222 #
33)	L7 AR-1260-3	0.000	6.022	0	304982	N.D.	1.319 #
34)	L7 AR-1260-4	0.000	6.486	0	1080798	N.D.	5.334 #
35)	L7 AR-1260-5	0.000	6.786	0	667408	N.D.	1.402 #
36)	L8 AR-1262-1	0.000	6.261	0	491363	N.D.	1.748 #
37)	L8 AR-1262-2	0.000	6.786	0	667408	N.D.	1.280 #
38)	L8 AR-1262-3	0.000	7.101	0	927226	N.D.	4.430 #
39)	L8 AR-1262-4	0.000	7.157	0	670897	N.D.	1.687 #
40)	L8 AR-1262-5	0.000	7.703	0	26536	N.D.	0.138 #
41)	L9 AR-1268-1	0.000	7.101	0	927226	N.D.	1.491 #
42)	L9 AR-1268-2	0.000	7.157	0	670897	N.D.	1.173 #

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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	0.000	7.376	0	388649	N.D.	0.778 #
44) L9	AR-1268-4	0.000	7.703	0	26536	N.D.	0.124 #
45) L9	AR-1268-5	9.295	7.982	554449	1069647	0.974	0.674 #

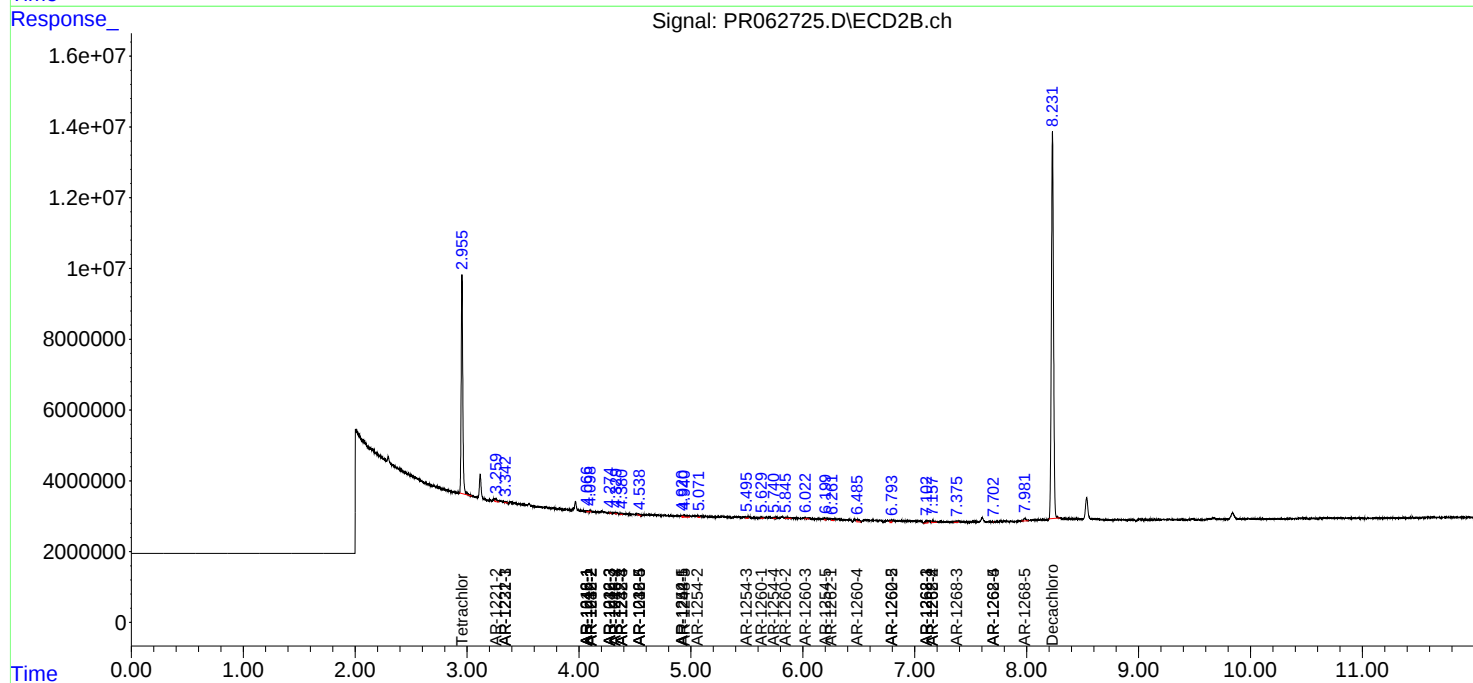
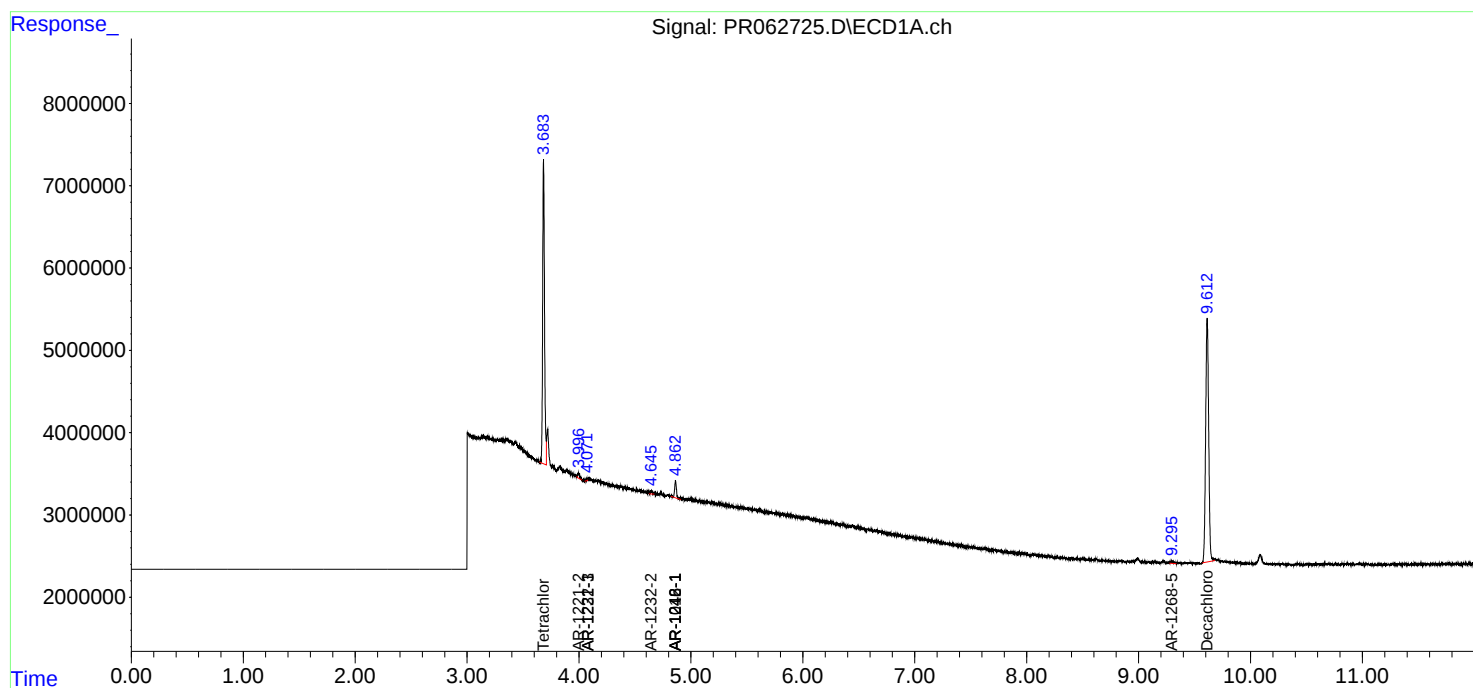
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

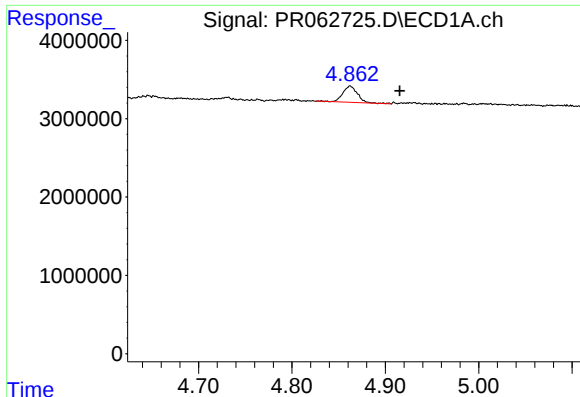
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

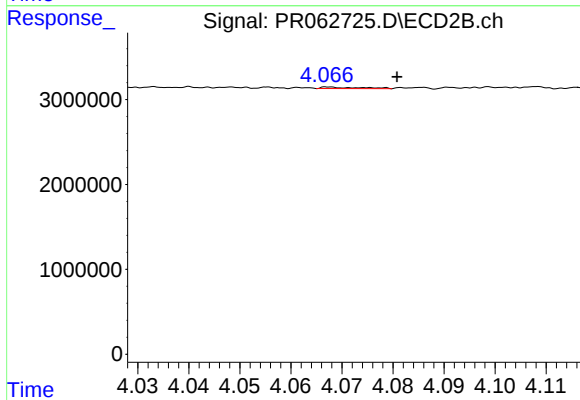




#3 AR-1016-1

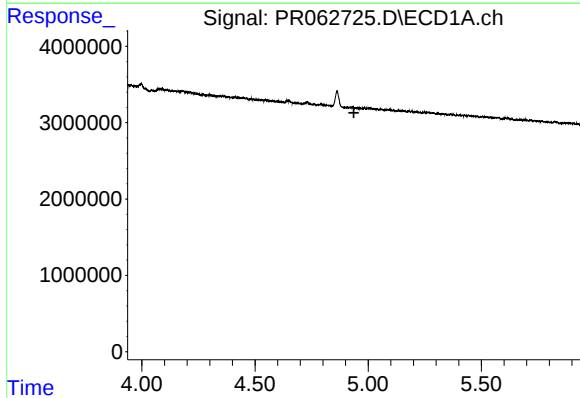
R.T.: 4.862 min
Delta R.T.: -0.053 min
Response: 2279090
Conc: 33.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



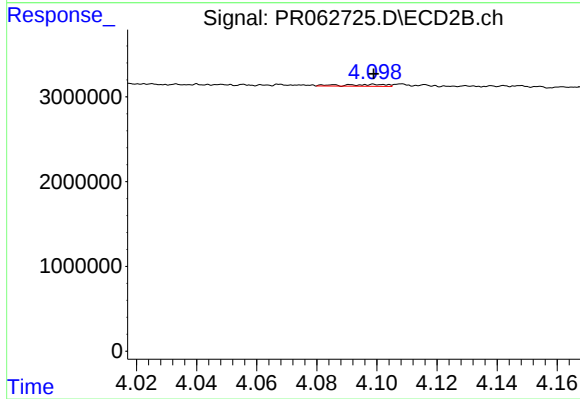
#3 AR-1016-1

R.T.: 4.068 min
Delta R.T.: -0.013 min
Response: 97751
Conc: 0.89 ng/ml



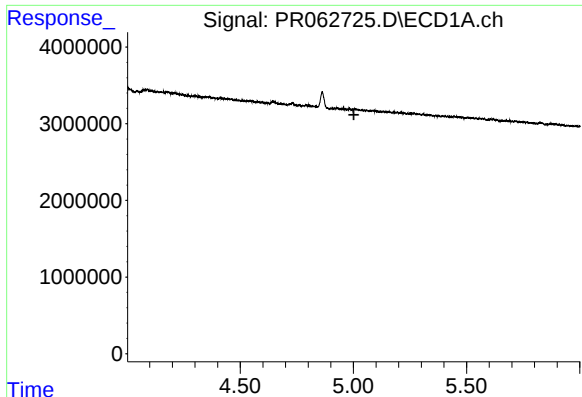
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 4.937 min
Response: 0
Conc: N.D.



#4 AR-1016-2

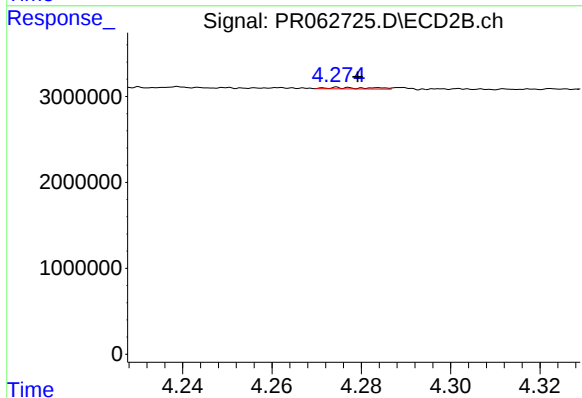
R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 218459
Conc: 1.42 ng/ml



#5 AR-1016-3

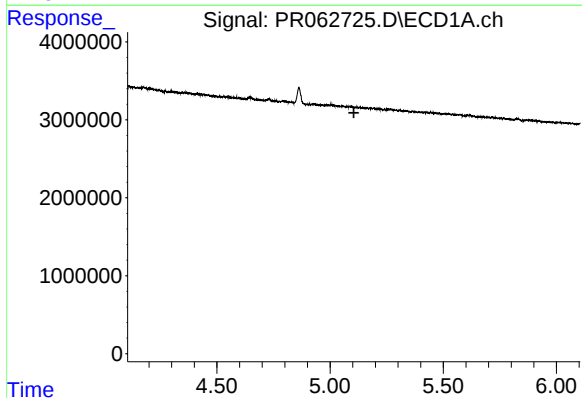
R.T.: 0.000 min
Exp R.T.: 5.002 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



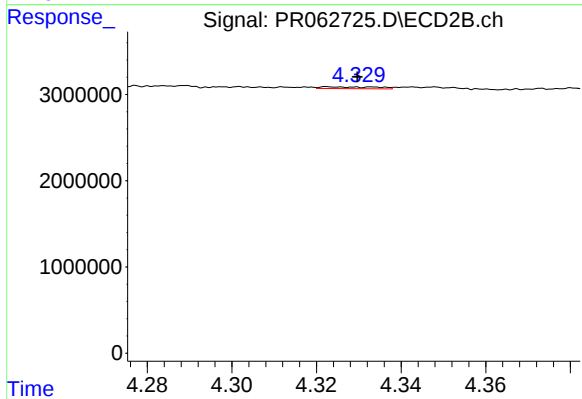
#5 AR-1016-3

R.T.: 4.275 min
Delta R.T.: -0.004 min
Response: 112789
Conc: 1.33 ng/ml



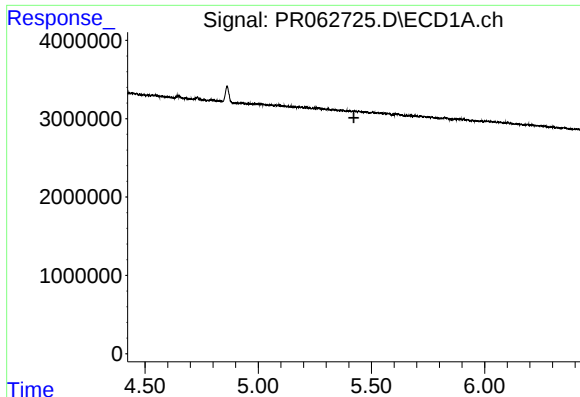
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.105 min
Response: 0
Conc: N.D.



#6 AR-1016-4

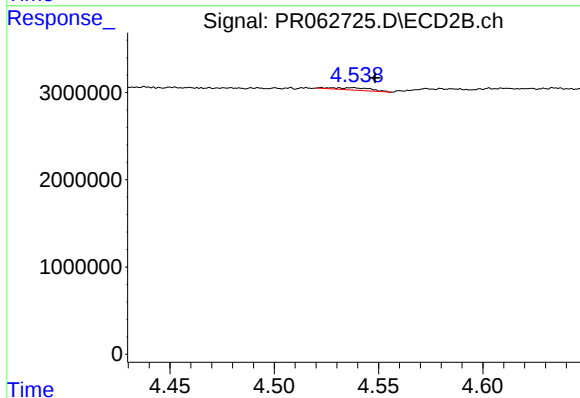
R.T.: 4.323 min
Delta R.T.: -0.006 min
Response: 192520
Conc: 2.82 ng/ml



#7 AR-1016-5

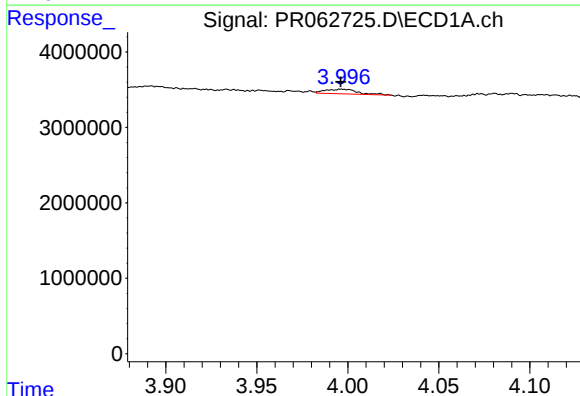
R.T.: 0.000 min
Exp R.T.: 5.422 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



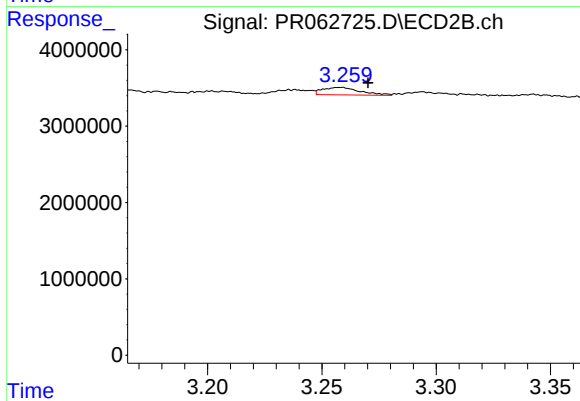
#7 AR-1016-5

R.T.: 4.537 min
Delta R.T.: -0.011 min
Response: 323516
Conc: 3.58 ng/ml



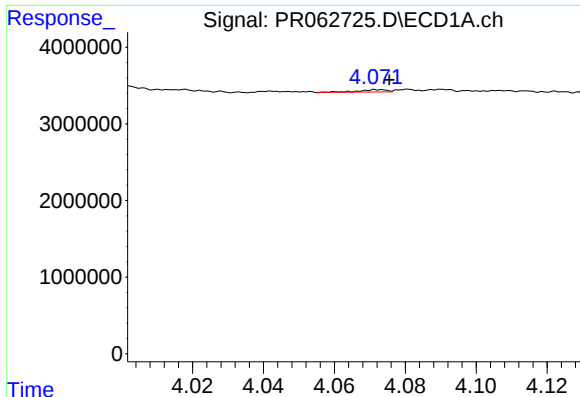
#9 AR-1221-2

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 717117
Conc: 42.51 ng/ml



#9 AR-1221-2

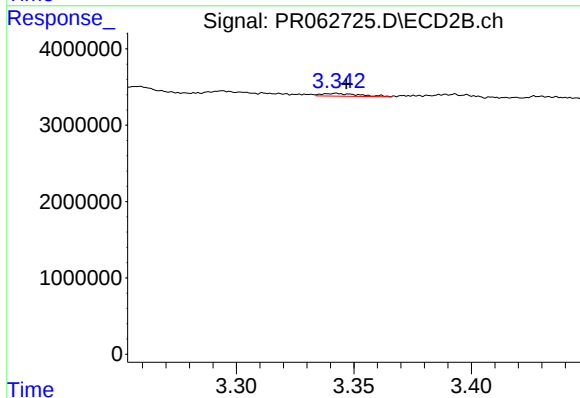
R.T.: 3.258 min
Delta R.T.: -0.012 min
Response: 1132772
Conc: 40.56 ng/ml



#10 AR-1221-3

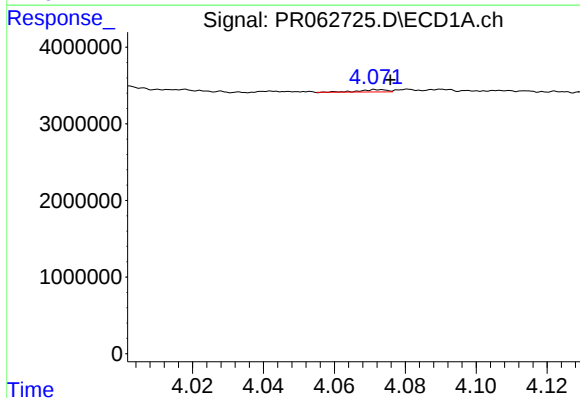
R.T.: 4.072 min
Delta R.T.: -0.003 min
Response: 157496
Conc: 2.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



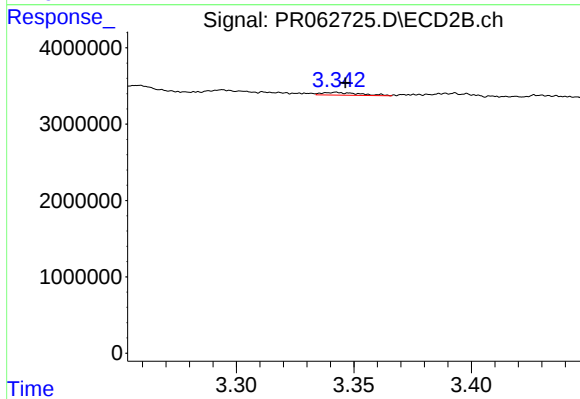
#10 AR-1221-3

R.T.: 3.342 min
Delta R.T.: -0.004 min
Response: 394580
Conc: 4.34 ng/ml



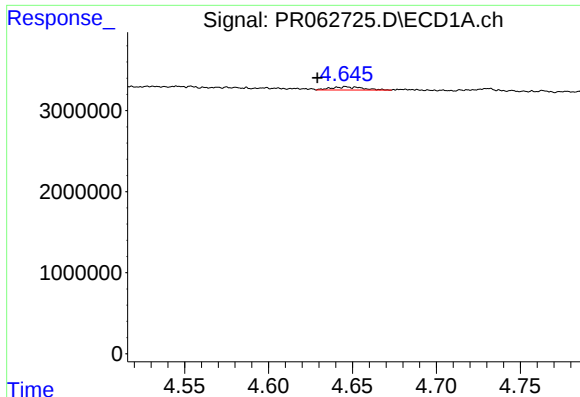
#11 AR-1232-1

R.T.: 4.072 min
Delta R.T.: -0.003 min
Response: 157496
Conc: 3.43 ng/ml



#11 AR-1232-1

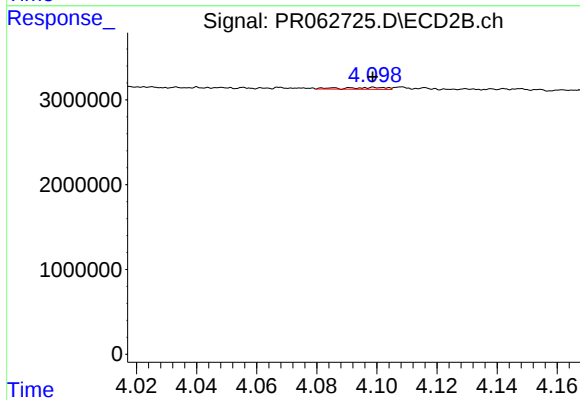
R.T.: 3.342 min
Delta R.T.: -0.004 min
Response: 394580
Conc: 5.29 ng/ml



#12 AR-1232-2

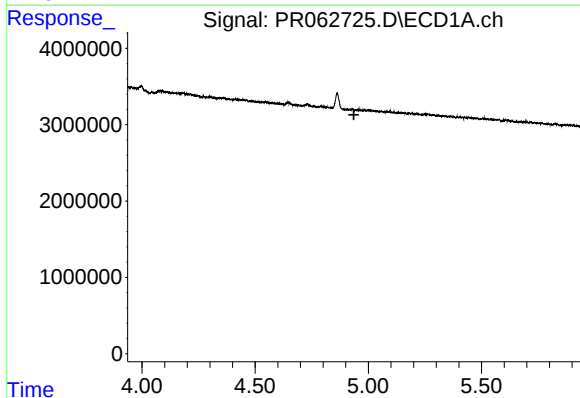
R.T.: 4.646 min
Delta R.T.: 0.017 min
Response: 508854
Conc: 21.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



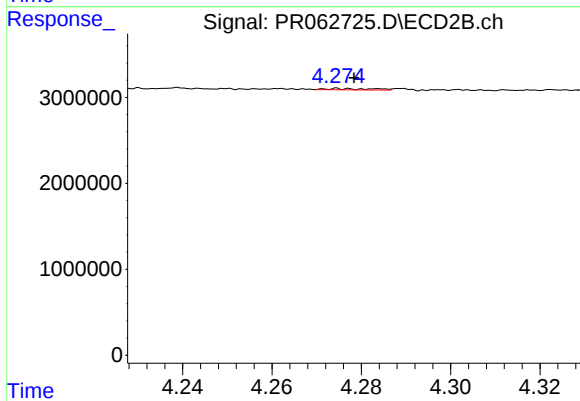
#12 AR-1232-2

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 218459
Conc: 3.19 ng/ml



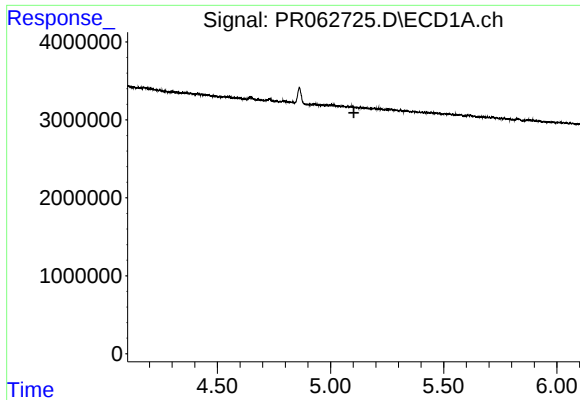
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.936 min
Response: 0
Conc: N.D.



#13 AR-1232-3

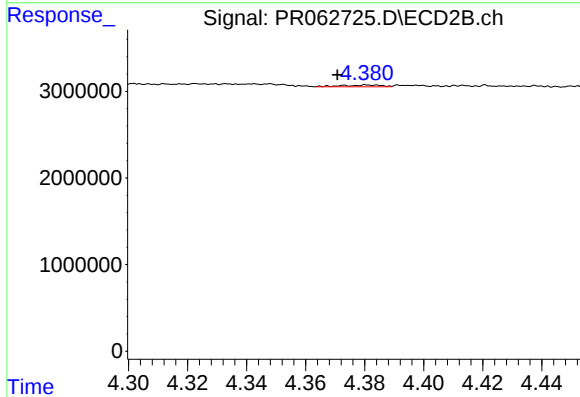
R.T.: 4.275 min
Delta R.T.: -0.003 min
Response: 112789
Conc: 3.07 ng/ml



#14 AR-1232-4

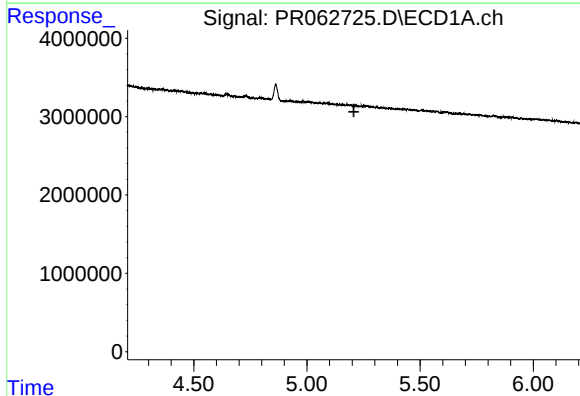
R.T.: 0.000 min
Exp R.T.: 5.103 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



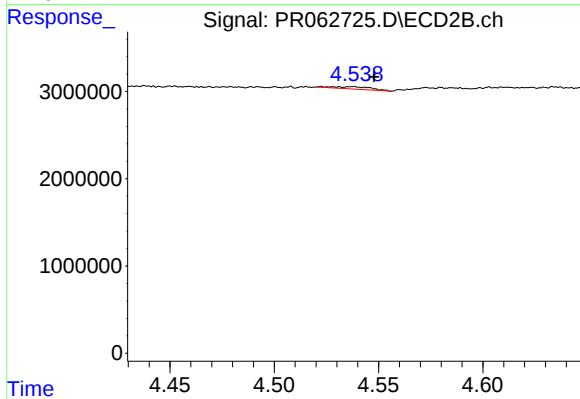
#14 AR-1232-4

R.T.: 4.381 min
Delta R.T.: 0.010 min
Response: 191224
Conc: 5.67 ng/ml



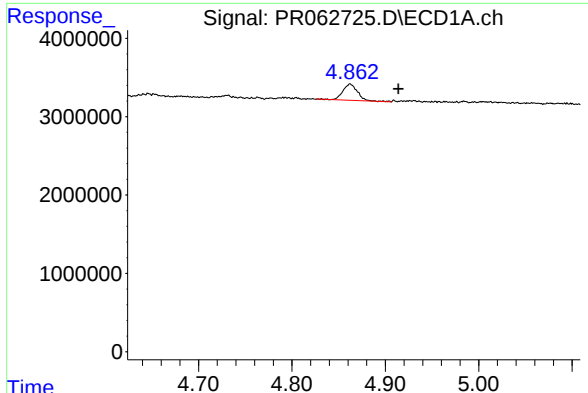
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 5.207 min
Response: 0
Conc: N.D.



#15 AR-1232-5

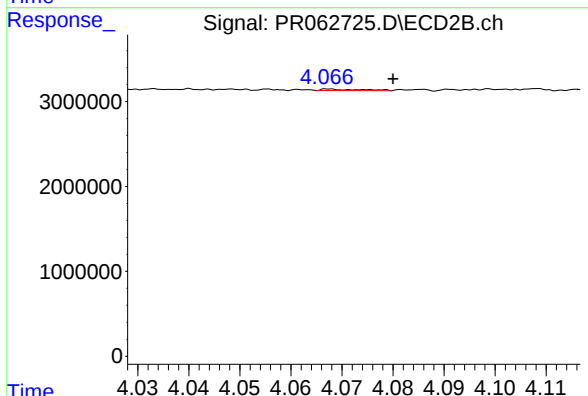
R.T.: 4.537 min
Delta R.T.: -0.010 min
Response: 323516
Conc: 8.49 ng/ml



#16 AR-1242-1

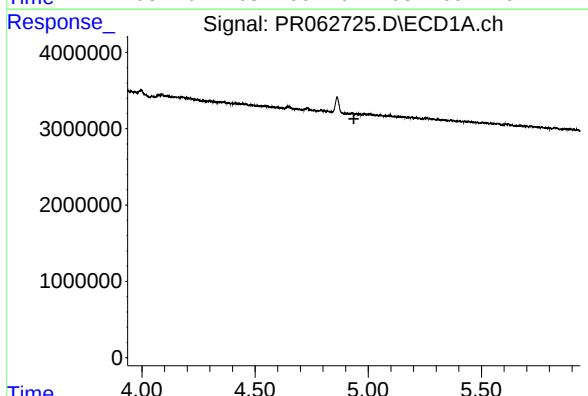
R.T.: 4.862 min
Delta R.T.: -0.052 min
Response: 2279090
Conc: 41.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



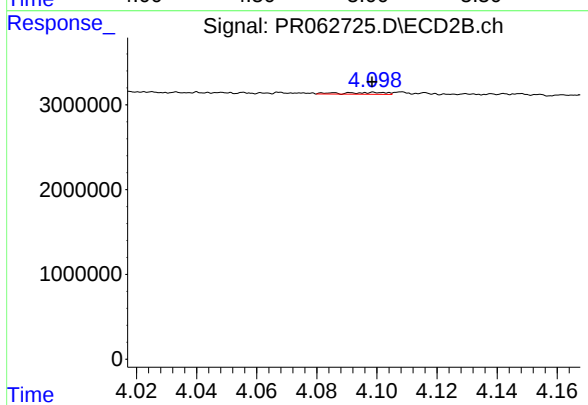
#16 AR-1242-1

R.T.: 4.068 min
Delta R.T.: -0.012 min
Response: 97751
Conc: 1.12 ng/ml



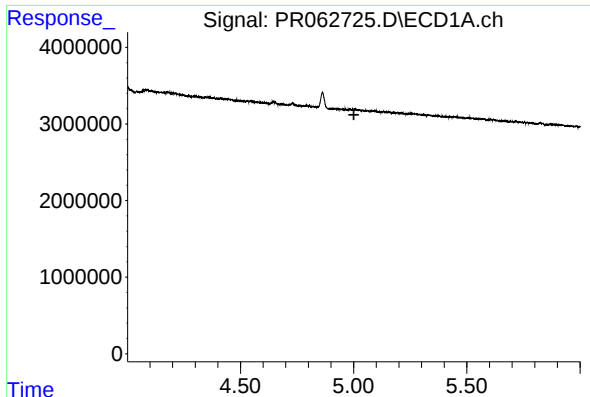
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.937 min
Response: 0
Conc: N.D.



#17 AR-1242-2

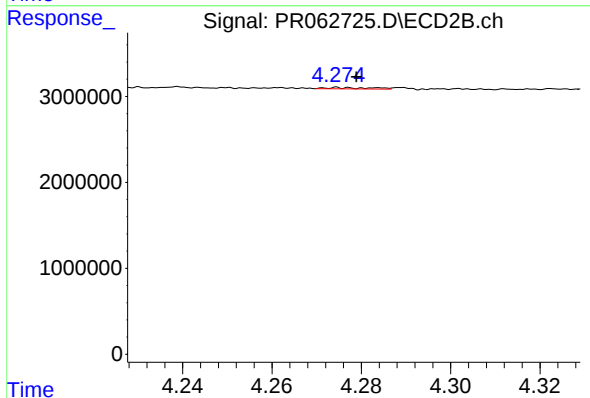
R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 218459
Conc: 1.80 ng/ml



#18 AR-1242-3

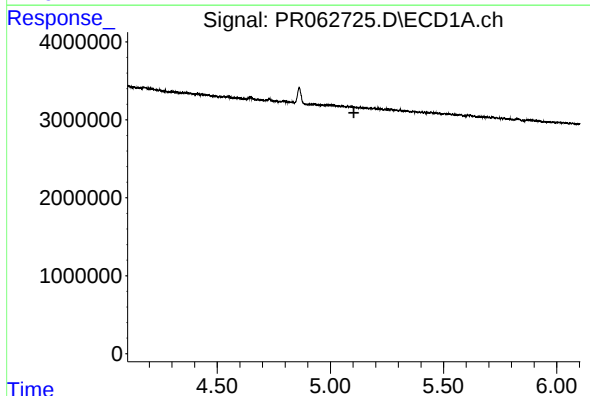
R.T.: 0.000 min
Exp R.T.: 5.001 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



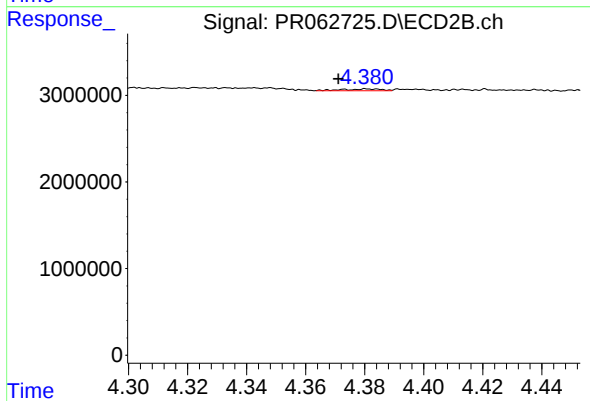
#18 AR-1242-3

R.T.: 4.275 min
Delta R.T.: -0.004 min
Response: 112789
Conc: 1.69 ng/ml



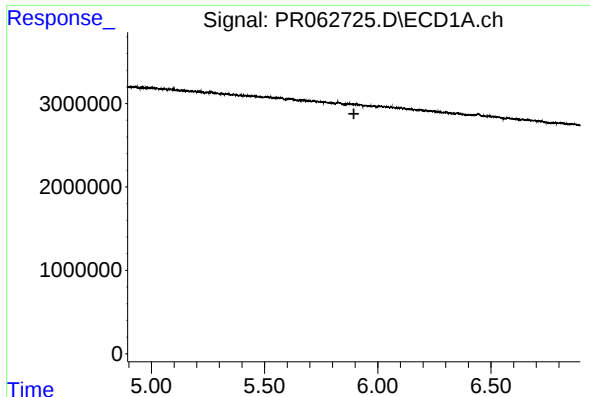
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.104 min
Response: 0
Conc: N.D.



#19 AR-1242-4

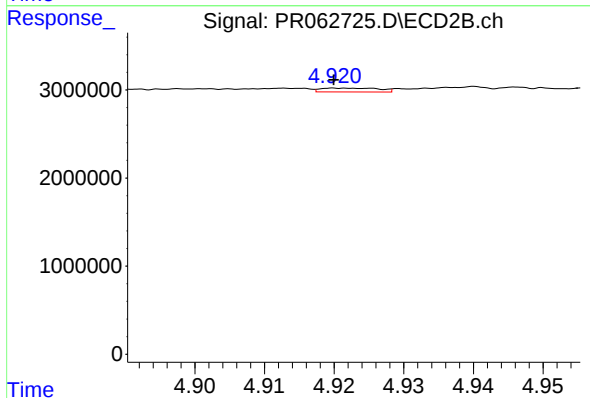
R.T.: 4.381 min
Delta R.T.: 0.010 min
Response: 191224
Conc: 2.87 ng/ml



#20 AR-1242-5

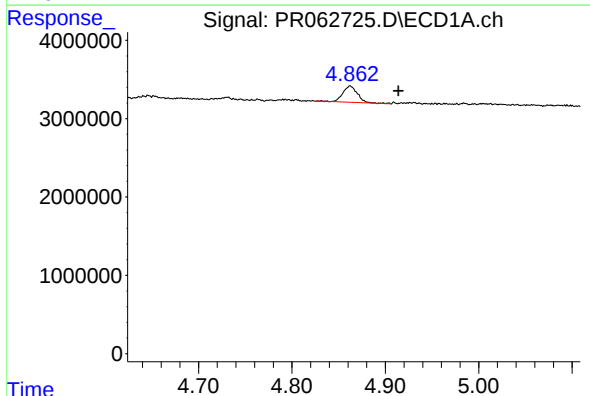
R.T.: 0.000 min
Exp R.T.: 5.895 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



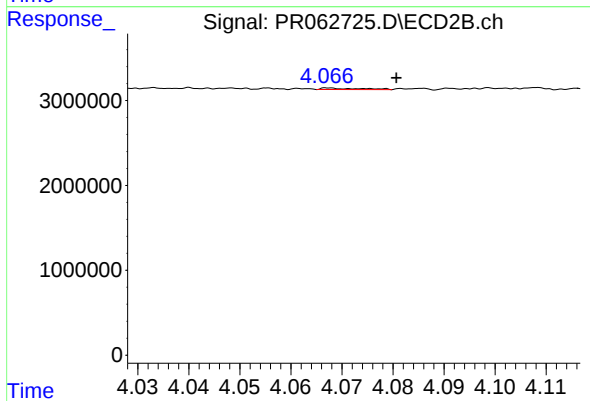
#20 AR-1242-5

R.T.: 4.921 min
Delta R.T.: 0.002 min
Response: 254677
Conc: 2.94 ng/ml



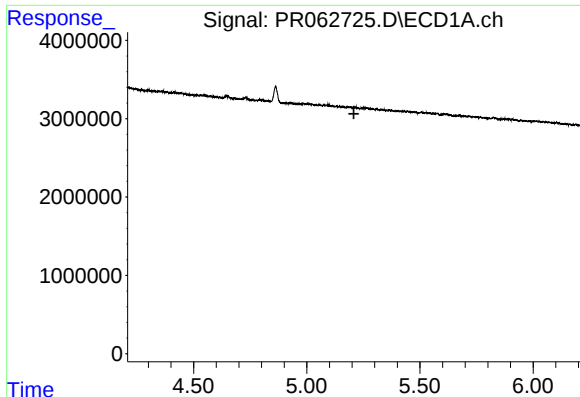
#21 AR-1248-1

R.T.: 4.862 min
Delta R.T.: -0.052 min
Response: 2279090
Conc: 53.72 ng/ml



#21 AR-1248-1

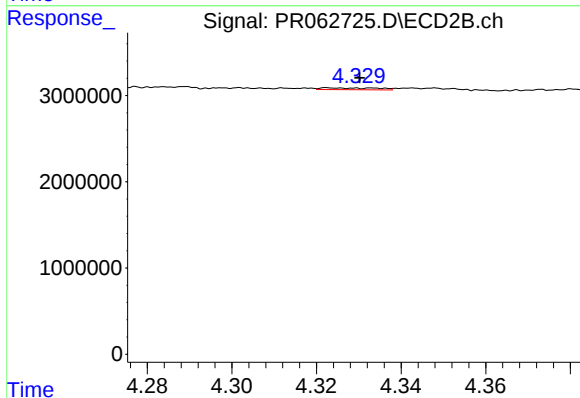
R.T.: 4.068 min
Delta R.T.: -0.013 min
Response: 97751
Conc: 1.41 ng/ml



#22 AR-1248-2

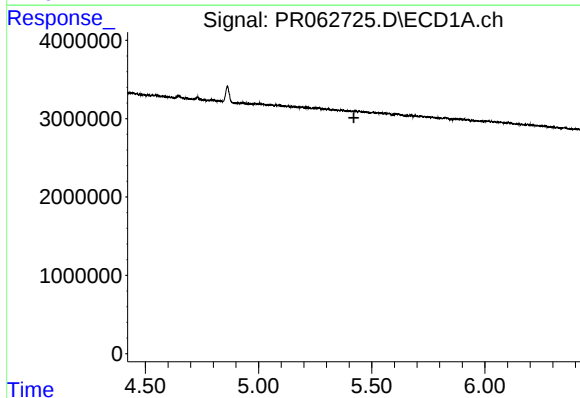
R.T.: 0.000 min
Exp R.T.: 5.208 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



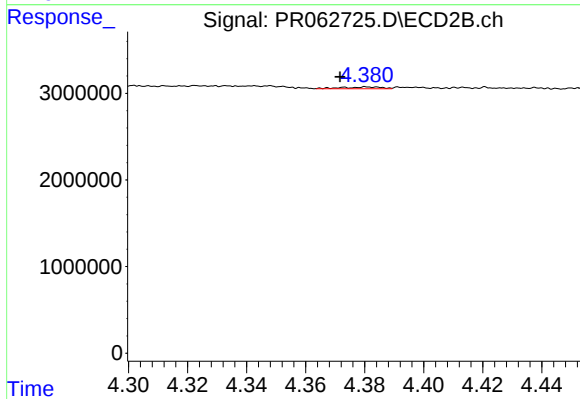
#22 AR-1248-2

R.T.: 4.323 min
Delta R.T.: -0.007 min
Response: 192520
Conc: 1.97 ng/ml



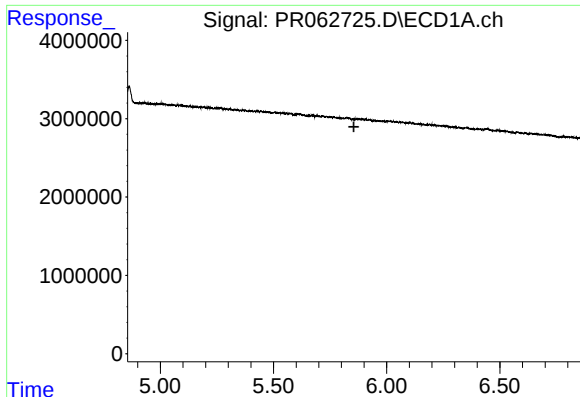
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 5.421 min
Response: 0
Conc: N.D.



#23 AR-1248-3

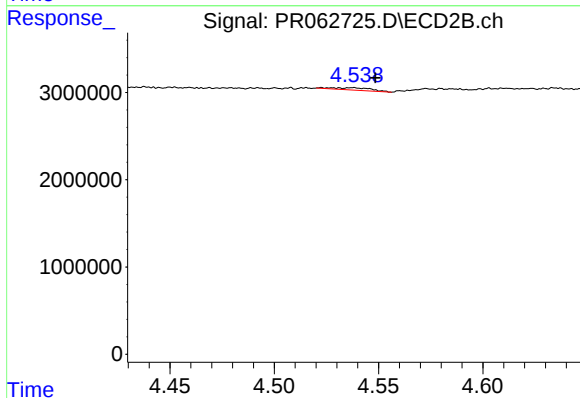
R.T.: 4.381 min
Delta R.T.: 0.009 min
Response: 191224
Conc: 1.89 ng/ml



#24 AR-1248-4

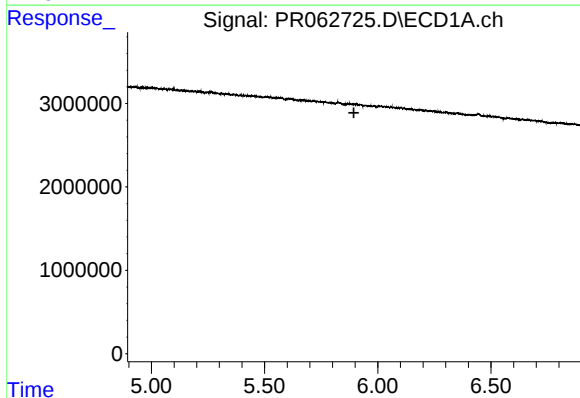
R.T.: 0.000 min
Exp R.T.: 5.855 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



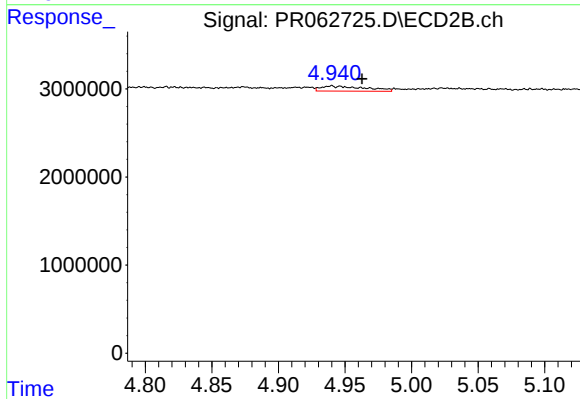
#24 AR-1248-4

R.T.: 4.537 min
Delta R.T.: -0.011 min
Response: 323516
Conc: 2.65 ng/ml



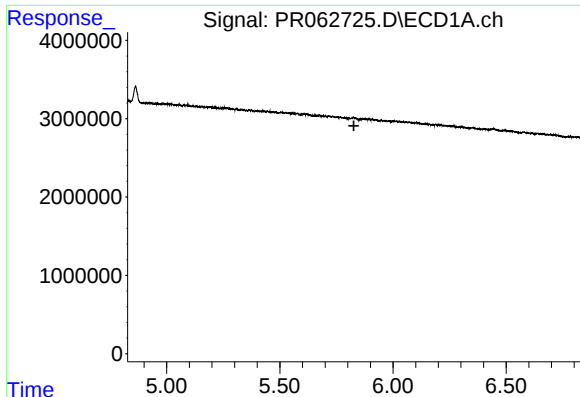
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T.: 5.895 min
Response: 0
Conc: N.D.



#25 AR-1248-5

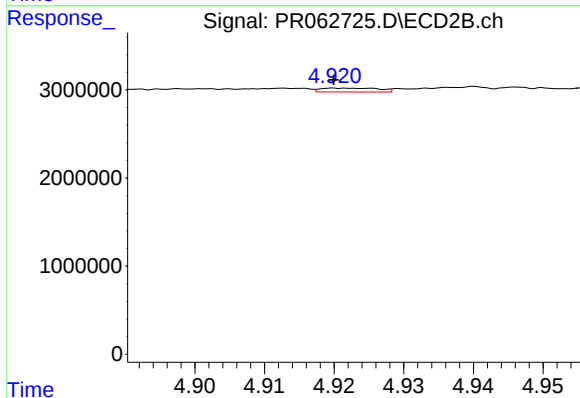
R.T.: 4.940 min
Delta R.T.: -0.023 min
Response: 1345973
Conc: 11.00 ng/ml



#26 AR-1254-1

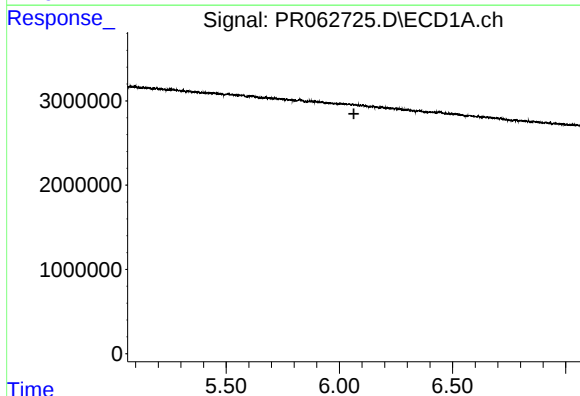
R.T.: 0.000 min
Exp R.T.: 5.827 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



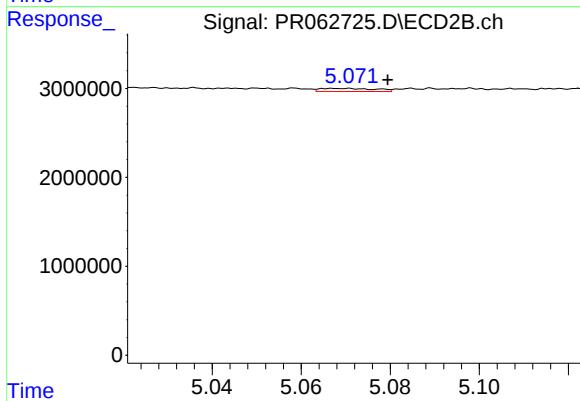
#26 AR-1254-1

R.T.: 4.921 min
Delta R.T.: 0.002 min
Response: 254677
Conc: 1.33 ng/ml



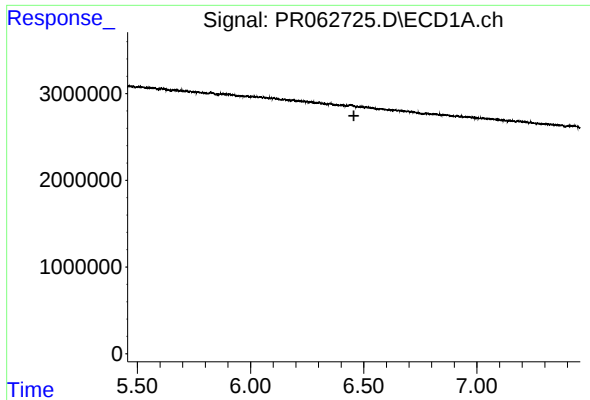
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T.: 6.064 min
Response: 0
Conc: N.D.



#27 AR-1254-2

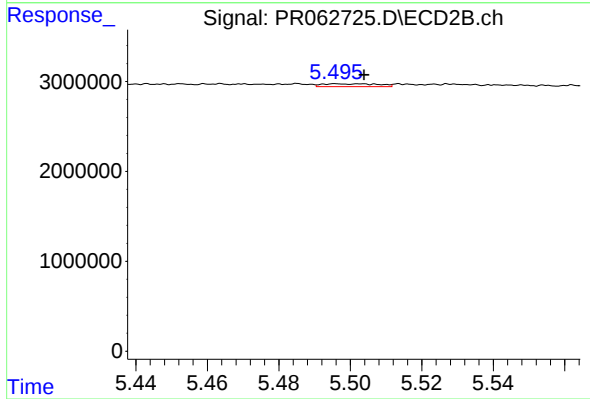
R.T.: 5.068 min
Delta R.T.: -0.012 min
Response: 304806
Conc: 1.82 ng/ml



#28 AR-1254-3

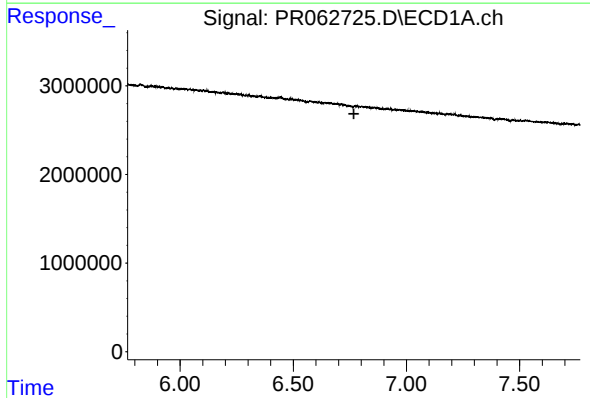
R.T.: 0.000 min
Exp R.T.: 6.457 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



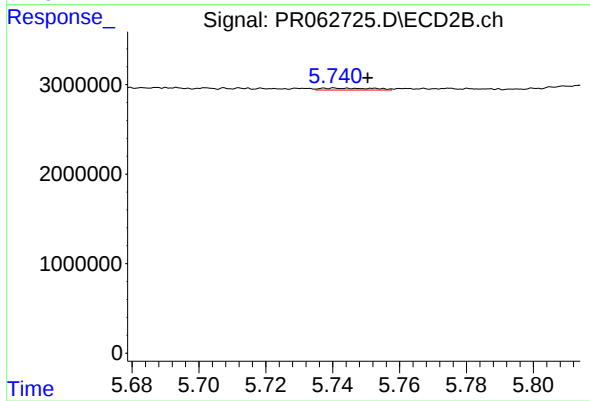
#28 AR-1254-3

R.T.: 5.496 min
Delta R.T.: -0.008 min
Response: 350770
Conc: 1.27 ng/ml



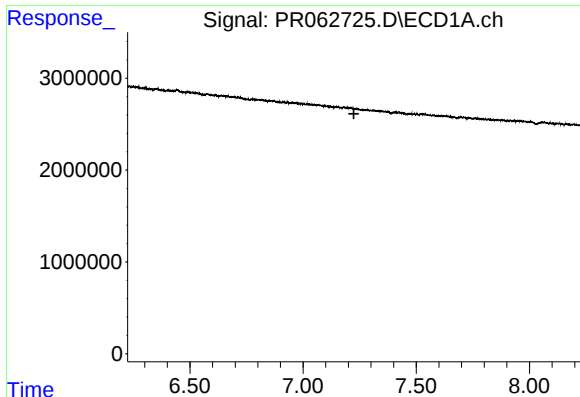
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T.: 6.768 min
Response: 0
Conc: N.D.



#29 AR-1254-4

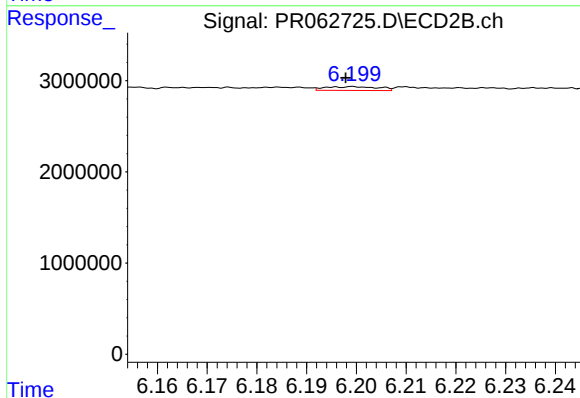
R.T.: 5.740 min
Delta R.T.: -0.010 min
Response: 223435
Conc: 1.25 ng/ml



#30 AR-1254-5

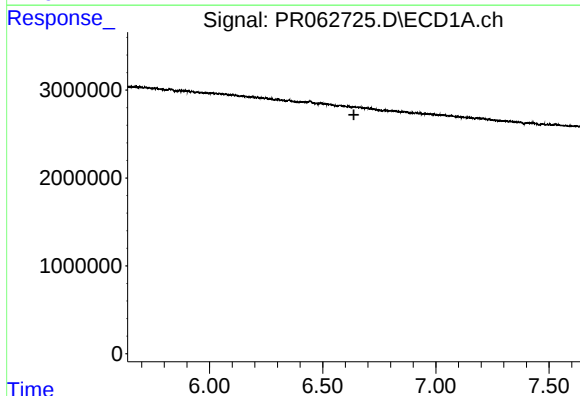
R.T.: 0.000 min
Exp R.T. : 7.225 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



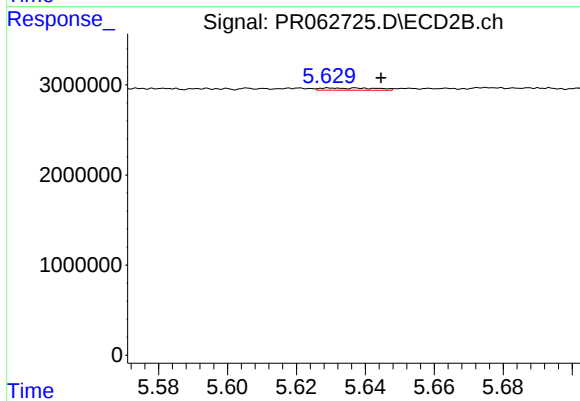
#30 AR-1254-5

R.T.: 6.199 min
Delta R.T.: 0.002 min
Response: 302940
Conc: 1.15 ng/ml



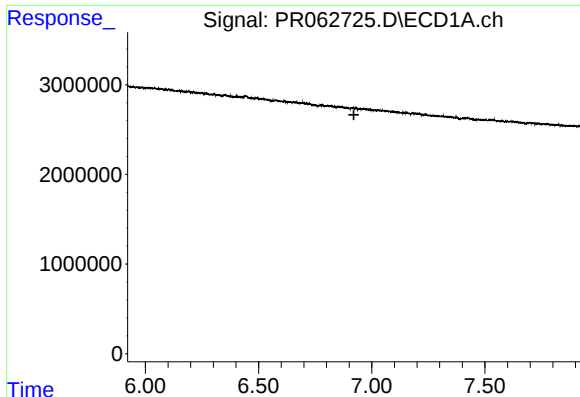
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.638 min
Response: 0
Conc: N.D.



#31 AR-1260-1

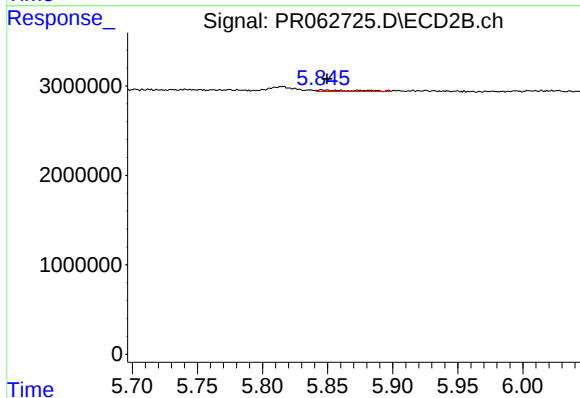
R.T.: 5.638 min
Delta R.T.: -0.007 min
Response: 269744
Conc: 1.36 ng/ml



#32 AR-1260-2

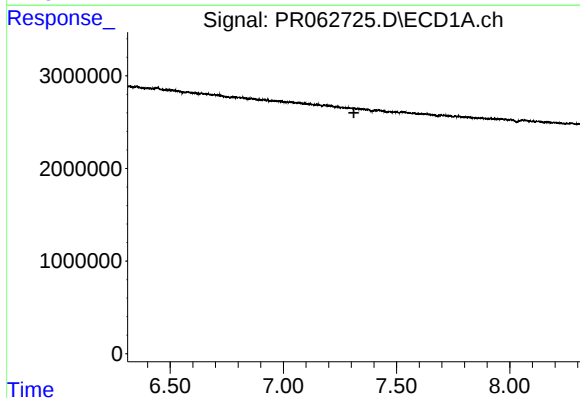
R.T.: 0.000 min
Exp R.T.: 6.921 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



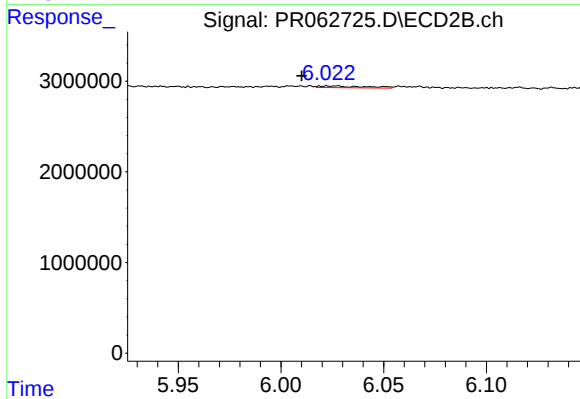
#32 AR-1260-2

R.T.: 5.845 min
Delta R.T.: -0.004 min
Response: 299323
Conc: 1.22 ng/ml



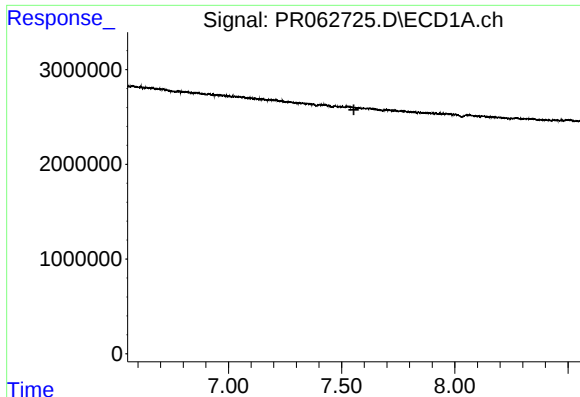
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T.: 7.312 min
Response: 0
Conc: N.D.



#33 AR-1260-3

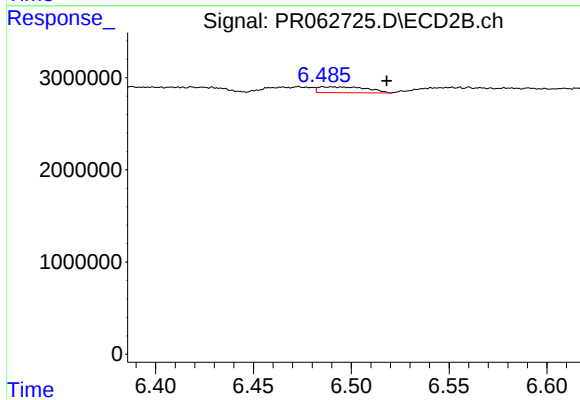
R.T.: 6.022 min
Delta R.T.: 0.012 min
Response: 304982
Conc: 1.32 ng/ml



#34 AR-1260-4

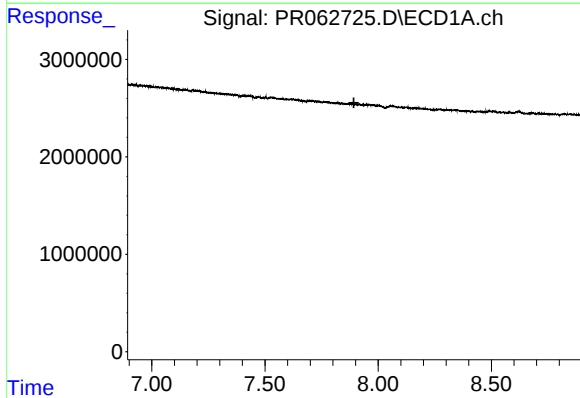
R.T.: 0.000 min
Exp R.T.: 7.554 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



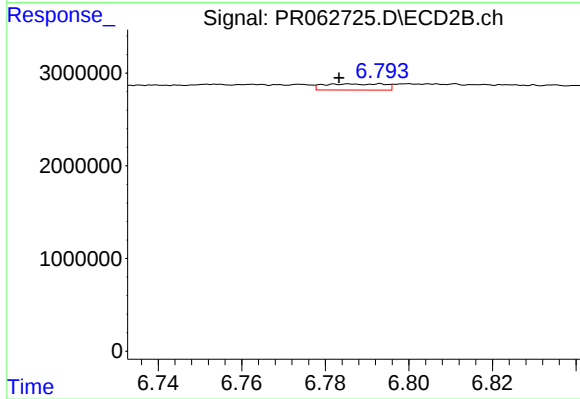
#34 AR-1260-4

R.T.: 6.486 min
Delta R.T.: -0.032 min
Response: 1080798
Conc: 5.33 ng/ml



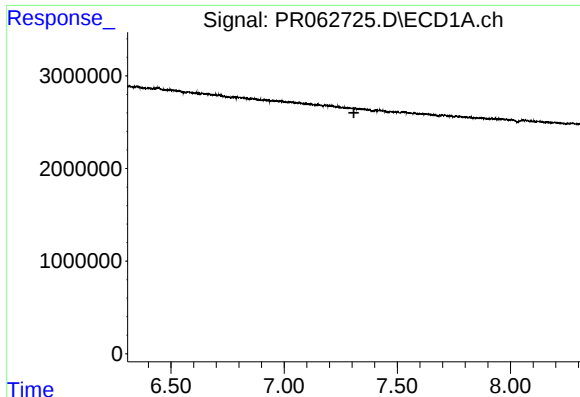
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 7.893 min
Response: 0
Conc: N.D.



#35 AR-1260-5

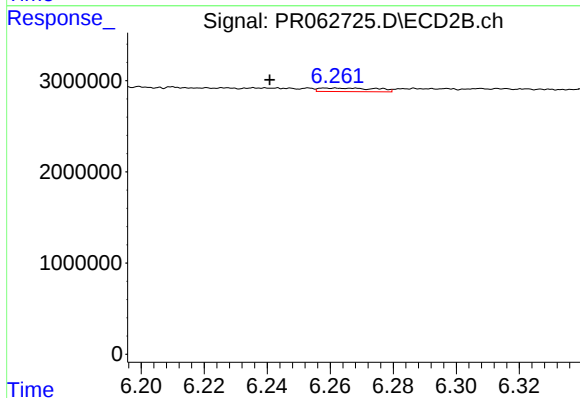
R.T.: 6.786 min
Delta R.T.: 0.002 min
Response: 667408
Conc: 1.40 ng/ml



#36 AR-1262-1

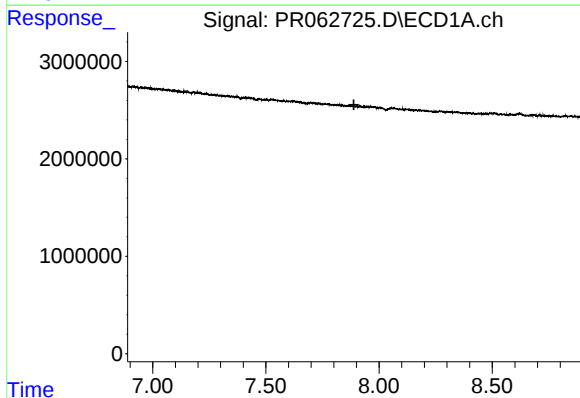
R.T.: 0.000 min
Exp R.T.: 7.308 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



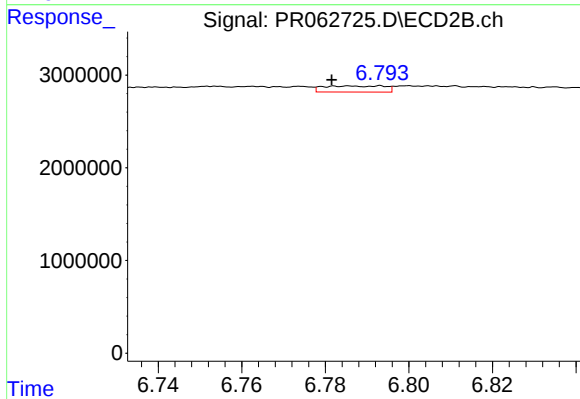
#36 AR-1262-1

R.T.: 6.261 min
Delta R.T.: 0.021 min
Response: 491363
Conc: 1.75 ng/ml



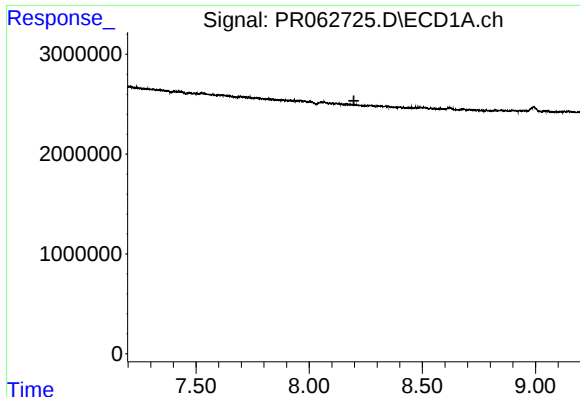
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 7.889 min
Response: 0
Conc: N.D.



#37 AR-1262-2

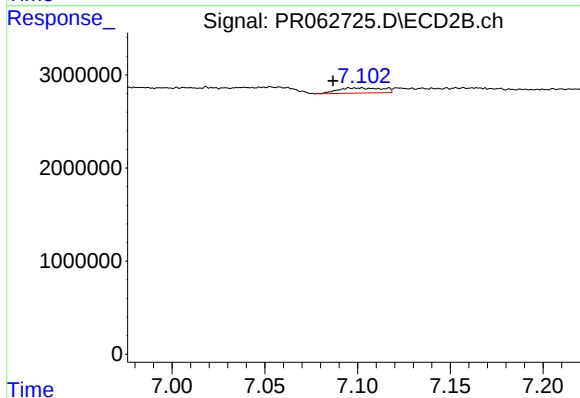
R.T.: 6.786 min
Delta R.T.: 0.004 min
Response: 667408
Conc: 1.28 ng/ml



#38 AR-1262-3

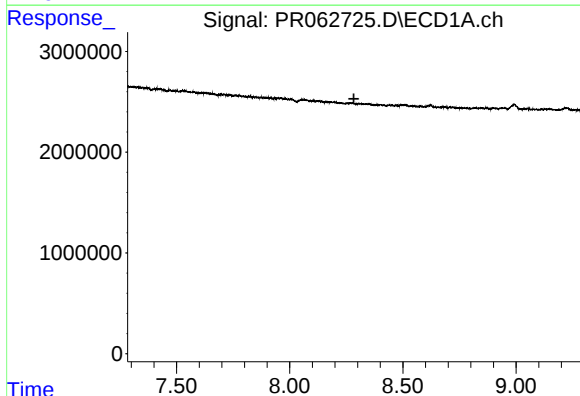
R.T.: 0.000 min
Exp R.T.: 8.197 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



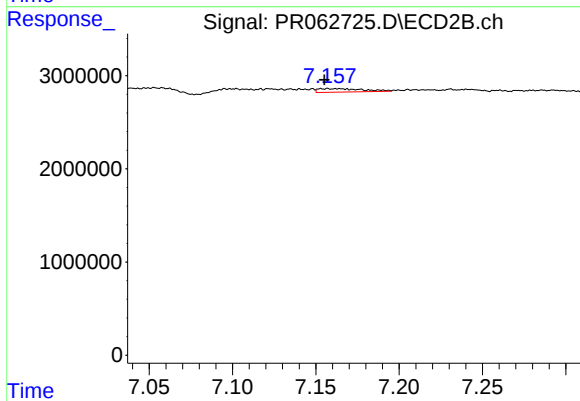
#38 AR-1262-3

R.T.: 7.101 min
Delta R.T.: 0.014 min
Response: 927226
Conc: 4.43 ng/ml



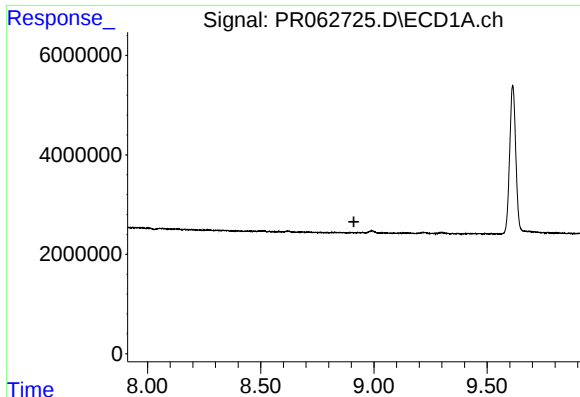
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 8.283 min
Response: 0
Conc: N.D.



#39 AR-1262-4

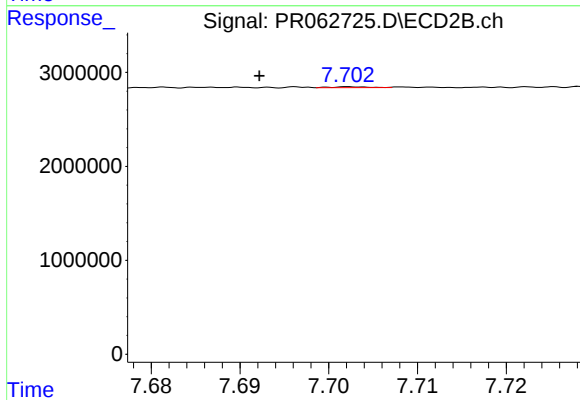
R.T.: 7.157 min
Delta R.T.: 0.002 min
Response: 670897
Conc: 1.69 ng/ml



#40 AR-1262-5

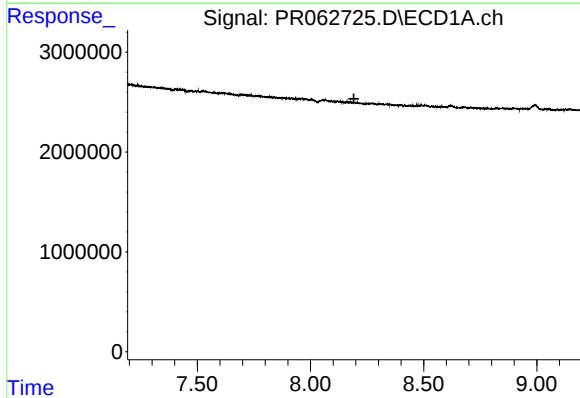
R.T.: 0.000 min
Exp R.T.: 8.911 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



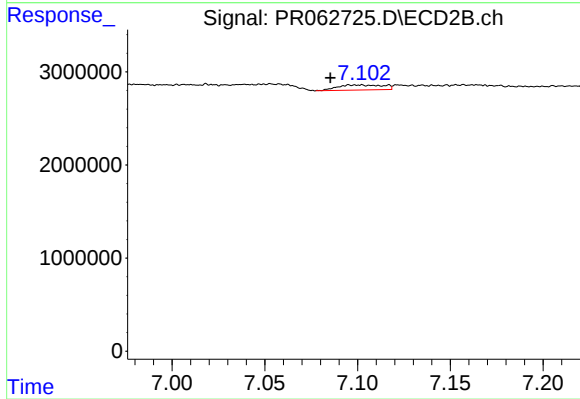
#40 AR-1262-5

R.T.: 7.703 min
Delta R.T.: 0.010 min
Response: 26536
Conc: 0.14 ng/ml



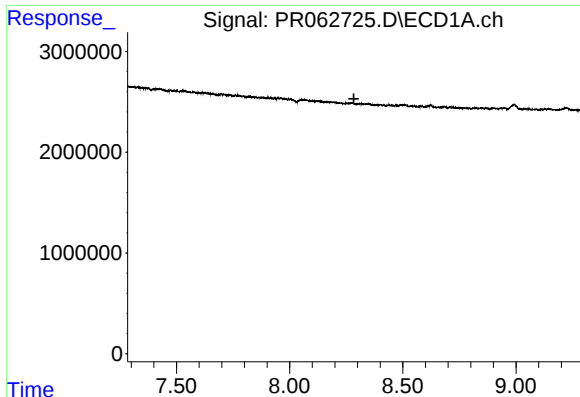
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 8.192 min
Response: 0
Conc: N.D.



#41 AR-1268-1

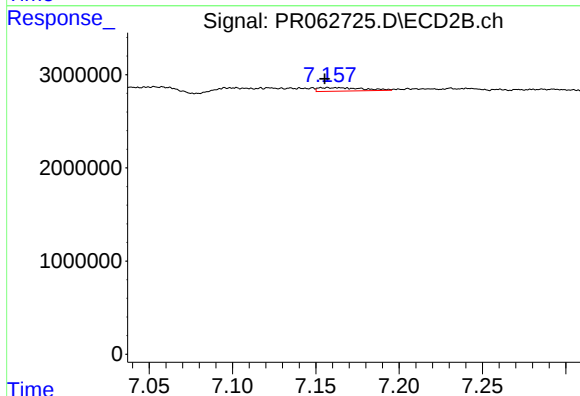
R.T.: 7.101 min
Delta R.T.: 0.016 min
Response: 927226
Conc: 1.49 ng/ml



#42 AR-1268-2

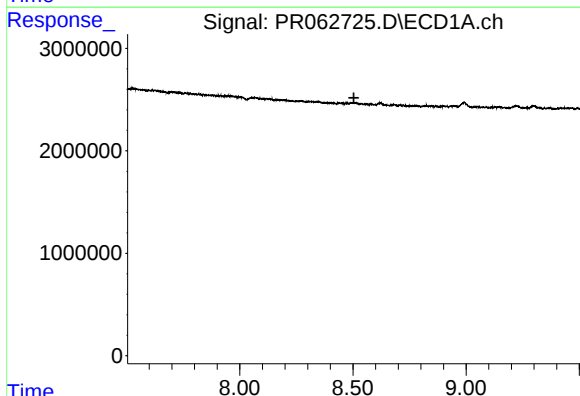
R.T.: 0.000 min
Exp R.T.: 8.284 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



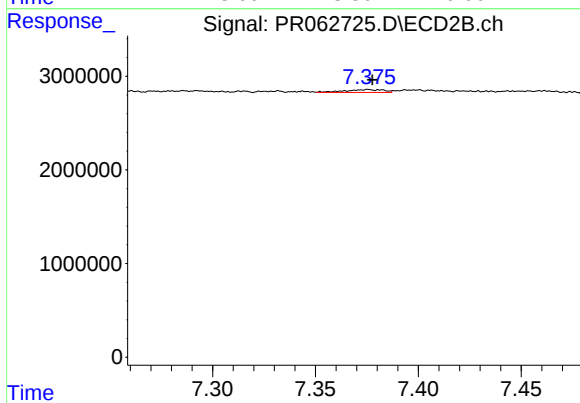
#42 AR-1268-2

R.T.: 7.157 min
Delta R.T.: 0.002 min
Response: 670897
Conc: 1.17 ng/ml



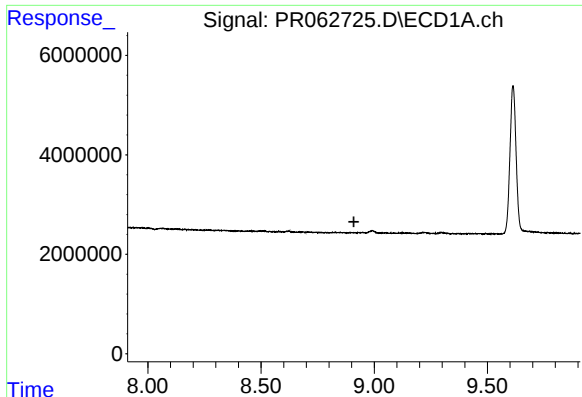
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 8.504 min
Response: 0
Conc: N.D.



#43 AR-1268-3

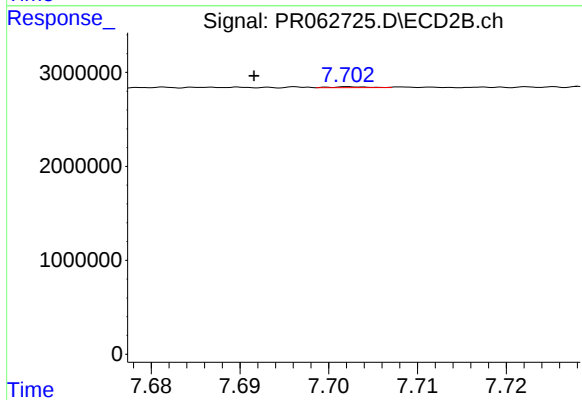
R.T.: 7.376 min
Delta R.T.: -0.002 min
Response: 388649
Conc: 0.78 ng/ml



#44 AR-1268-4

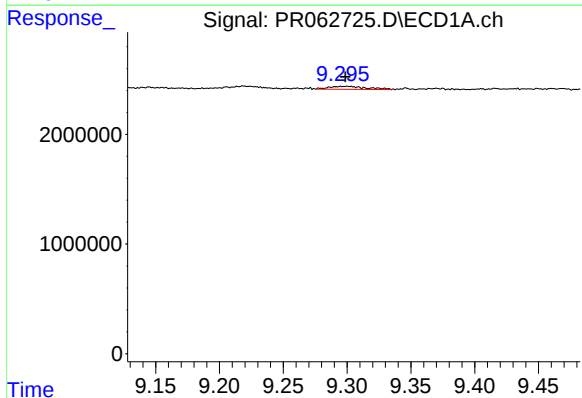
R.T.: 0.000 min
Exp R.T.: 8.910 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



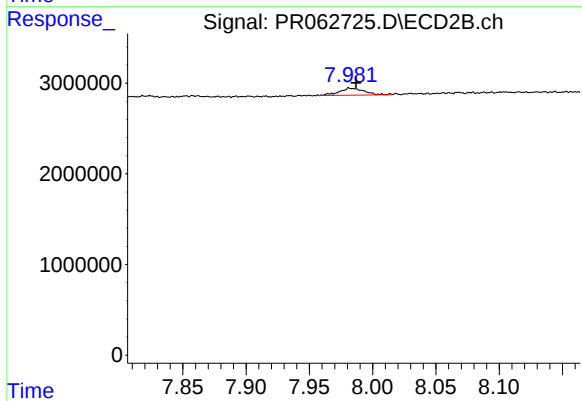
#44 AR-1268-4

R.T.: 7.703 min
Delta R.T.: 0.011 min
Response: 26536
Conc: 0.12 ng/ml



#45 AR-1268-5

R.T.: 9.295 min
Delta R.T.: -0.003 min
Response: 554449
Conc: 0.97 ng/ml



#45 AR-1268-5

R.T.: 7.982 min
Delta R.T.: -0.004 min
Response: 1069647
Conc: 0.67 ng/ml