

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022224\
 Data File : PR065765.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Feb 2024 14:22
 Operator : AJ\MA
 Sample : AIBLK93
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AIBLK923

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 20:48:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR021624CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Feb 17 06:03:42 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...	3.668	2.927	110.9E6	120.6E6	19.515	19.261
2)	SA Decachlor...	9.551	8.187	66389615	105.1E6	49.188	47.434
Target Compounds							
3)	L1 AR-1016-1	4.890	4.043	383604	701219	3.165	3.585
4)	L1 AR-1016-2	4.911	4.062	454752	880917	2.235	3.158 #
5)	L1 AR-1016-3	4.978	4.243	382712	954386	2.824	6.209 #
6)	L1 AR-1016-4	5.076	4.296	442504	928901	4.242	7.568 #
7)	L1 AR-1016-5	5.390	4.509	274141	737624	2.712	4.625 #
8)	L2 AR-1221-1	3.892	3.142	596053	32717	9.862	0.443 #
9)	L2 AR-1221-2	3.978	3.229	1306121	1133649	31.670	22.402 #
10)	L2 AR-1221-3	4.026	3.321	358095	778804	2.575	4.367 #
11)	L3 AR-1232-1	4.026	3.321	358095	778804	3.057	5.249 #
12)	L3 AR-1232-2	4.604	4.062	701503	880917	11.480	6.420 #
13)	L3 AR-1232-3	4.911	4.243	454752	954386	4.656	13.061 #
14)	L3 AR-1232-4	5.076	4.332	442504	753094	9.171	12.117 #
15)	L3 AR-1232-5	5.171	4.509	478480	737624	13.278	10.418
16)	L4 AR-1242-1	4.890	4.043	383604	701219	3.725	4.173
17)	L4 AR-1242-2	4.911	4.062	454752	880917	2.582	3.681 #
18)	L4 AR-1242-3	4.978	4.243	382712	954386	3.243	7.269 #
19)	L4 AR-1242-4	5.076	4.332	442504	753094	4.902	5.901
20)	L4 AR-1242-5	5.882	4.880	802393	985292	9.706	6.573 #
21)	L5 AR-1248-1	4.890	4.043	383604	701219	4.809	5.320
22)	L5 AR-1248-2	5.171	4.296	478480	928901	3.617	4.876 #
23)	L5 AR-1248-3	5.390	4.332	274141	753094	1.830	3.890 #
24)	L5 AR-1248-4	5.824	4.509	347358	737624	2.577	3.181
25)	L5 AR-1248-5	5.882	4.924	802393	271883	5.488	1.324 #
26)	L6 AR-1254-1	5.791	4.880	2175684	985292	13.276	2.928 #
27)	L6 AR-1254-2	6.031	5.037	351024	515985	1.470	1.754
28)	L6 AR-1254-3	6.409	5.450	1004754	1576555	4.451	3.487
29)	L6 AR-1254-4	6.706	5.729	857428	3961788	6.851	16.158 #
30)	L6 AR-1254-5	7.180	6.155	970358	3174789	6.246	8.312 #
31)	L7 AR-1260-1	6.603	5.601	517994	1140561	2.967	3.855 #
32)	L7 AR-1260-2	6.879	5.805	1138424	2219998	6.354	6.589
33)	L7 AR-1260-3	7.270	5.964	282103	4730254	1.994	14.542 #
34)	L7 AR-1260-4	7.512	6.470	679635	1177104	4.440	4.552
35)	L7 AR-1260-5	7.842	6.734	1792029	2071071	7.030	3.881 #
36)	L8 AR-1262-1	7.270	6.193	282103	2729312	1.297	6.663 #
37)	L8 AR-1262-2	7.842	6.734	1792029	2071071	5.978	3.236 #
38)	L8 AR-1262-3	8.164	7.040	403871	334340	1.970	1.274 #
39)	L8 AR-1262-4	8.219	7.104	614074	920180	3.735	2.009 #
40)	L8 AR-1262-5	0.000	7.646	0	709192	N.D.	3.676 #
41)	L9 AR-1268-1	8.164	7.040	403871	334340	0.989	0.426 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022224\
Data File : PR065765.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Feb 2024 14:22
Operator : AJ\MA
Sample : AIBLK93
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AIBLK923

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 20:48:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR021624CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Feb 17 06:03:42 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
42)	L9 AR-1268-2	8.219	7.104	614074	920180	1.678	1.308
43)	L9 AR-1268-3	0.000	7.336	0	1064352	N.D.	1.646 #
44)	L9 AR-1268-4	0.000	7.646	0	709192	N.D.	3.121 #
45)	L9 AR-1268-5	9.249	7.942	1533474	1193451	1.736	0.737 #

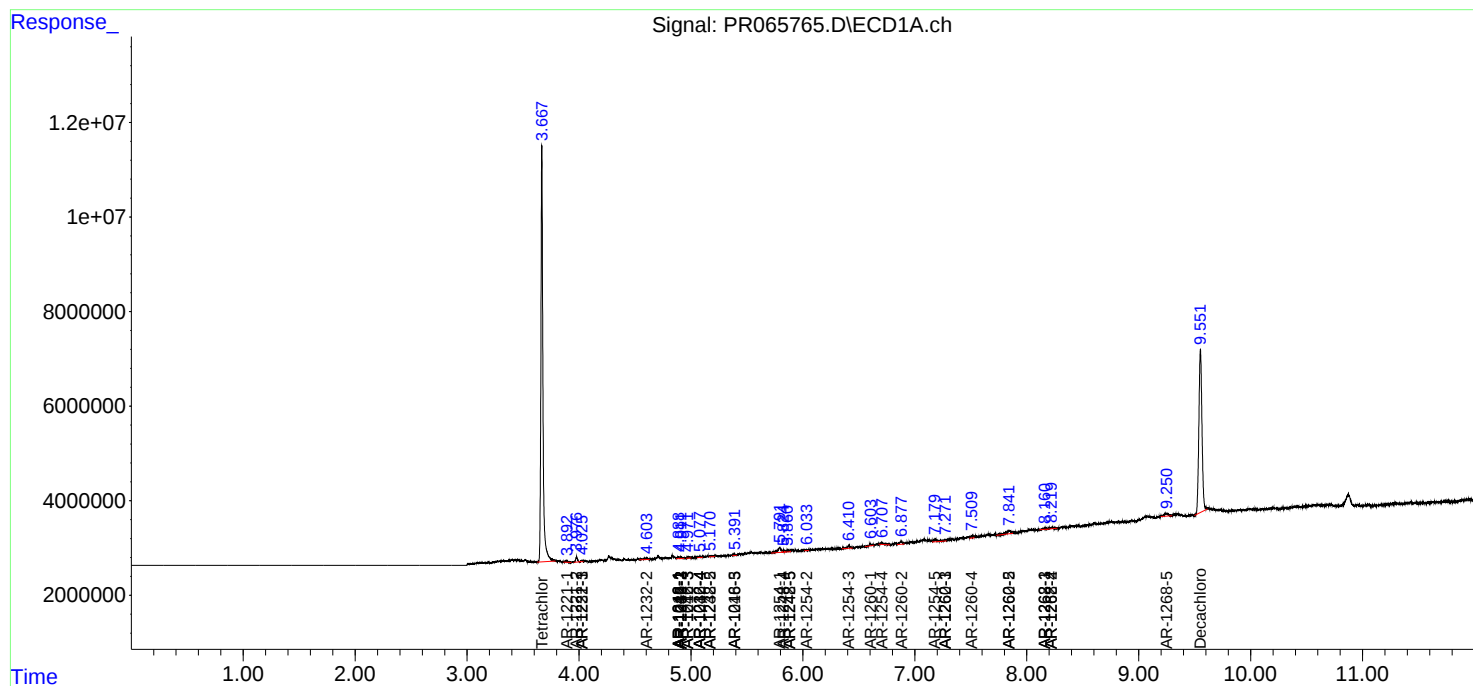
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

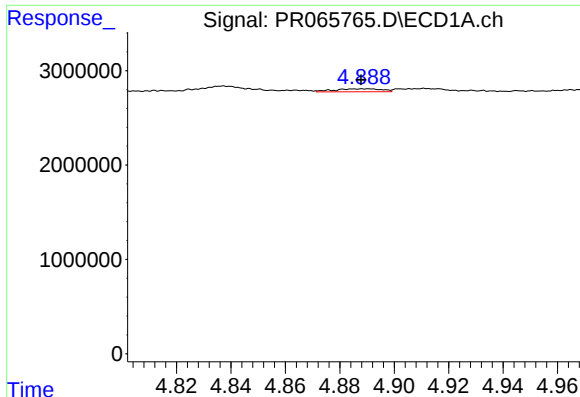
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022224\
Data File : PR065765.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Feb 2024 14:22
Operator : AJ\MA
Sample : AIBLK93
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AIBLK923

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 20:48:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR021624CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Feb 17 06:03:42 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

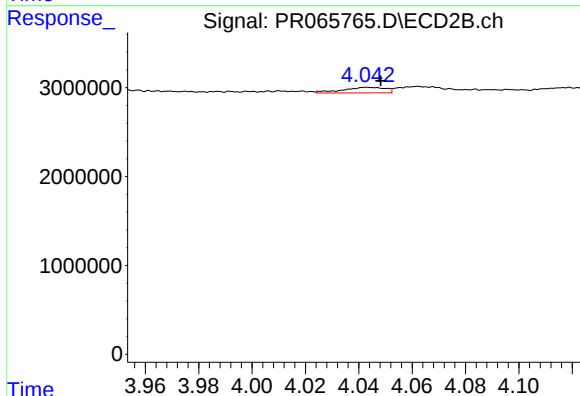




#3 AR-1016-1

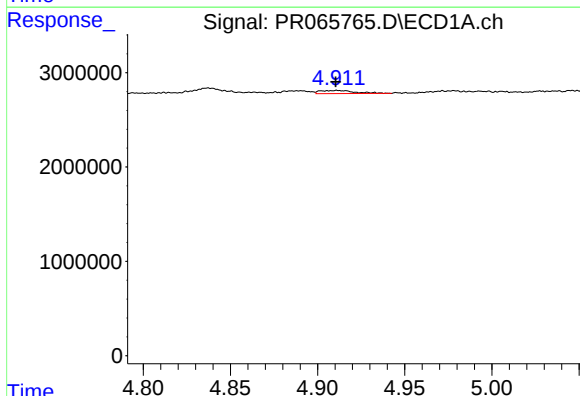
R.T.: 4.890 min
Delta R.T.: 0.002 min
Response: 383604
Conc: 3.17 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK923



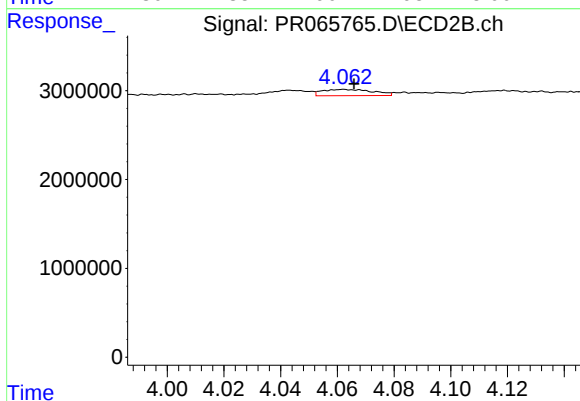
#3 AR-1016-1

R.T.: 4.043 min
Delta R.T.: -0.005 min
Response: 701219
Conc: 3.59 ng/ml



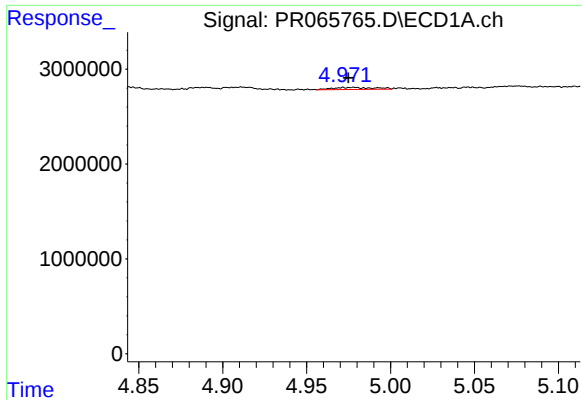
#4 AR-1016-2

R.T.: 4.911 min
Delta R.T.: 0.000 min
Response: 454752
Conc: 2.24 ng/ml



#4 AR-1016-2

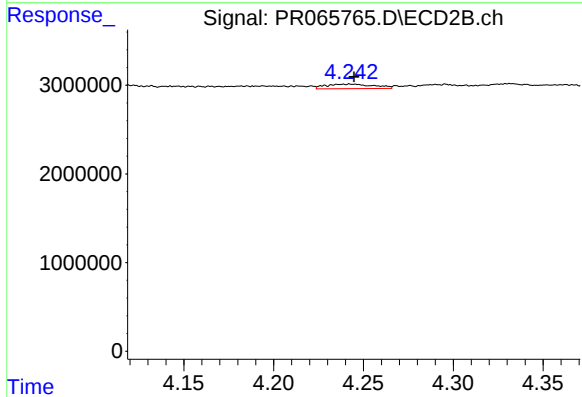
R.T.: 4.062 min
Delta R.T.: -0.004 min
Response: 880917
Conc: 3.16 ng/ml



#5 AR-1016-3

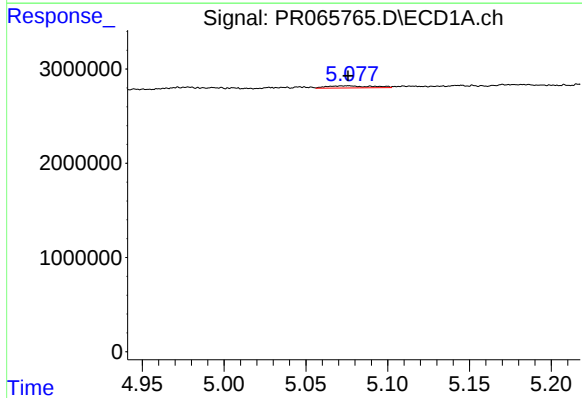
R.T.: 4.978 min
Delta R.T.: 0.004 min
Response: 382712
Conc: 2.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK923



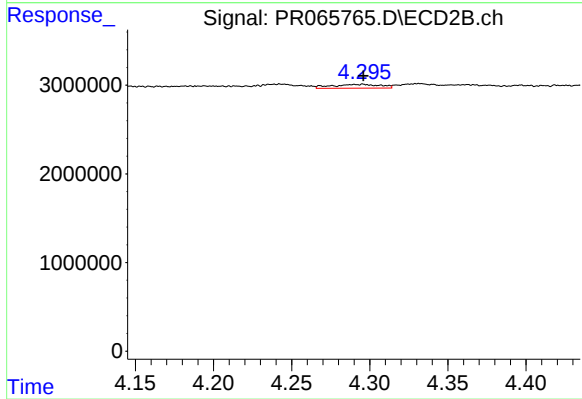
#5 AR-1016-3

R.T.: 4.243 min
Delta R.T.: -0.002 min
Response: 954386
Conc: 6.21 ng/ml



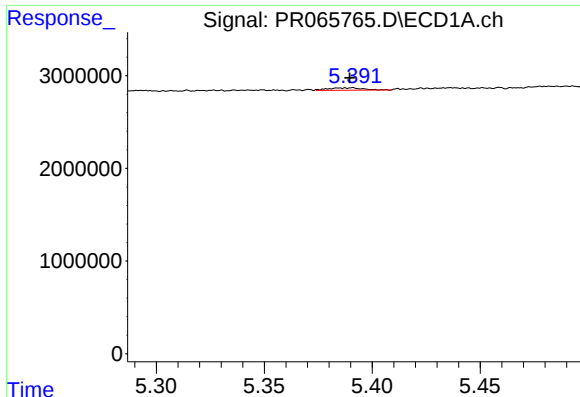
#6 AR-1016-4

R.T.: 5.076 min
Delta R.T.: 0.000 min
Response: 442504
Conc: 4.24 ng/ml



#6 AR-1016-4

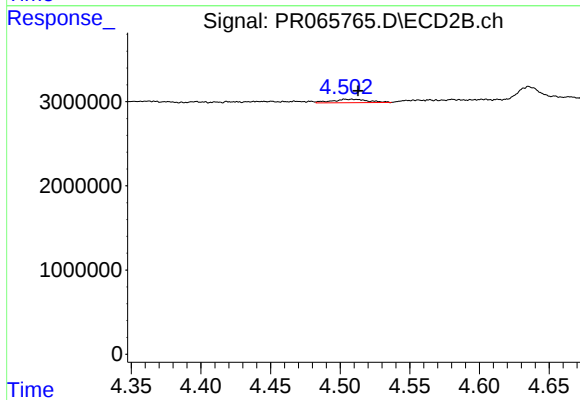
R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 928901
Conc: 7.57 ng/ml



#7 AR-1016-5

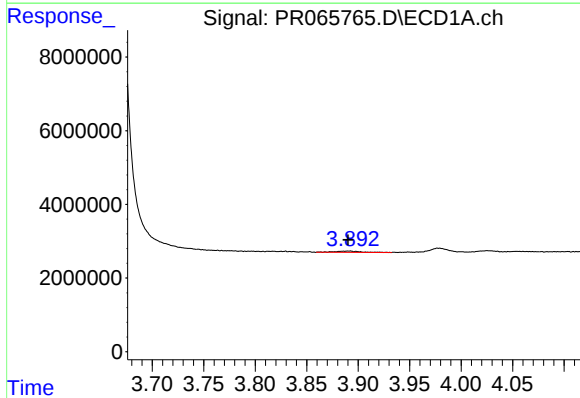
R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 274141
Conc: 2.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK923



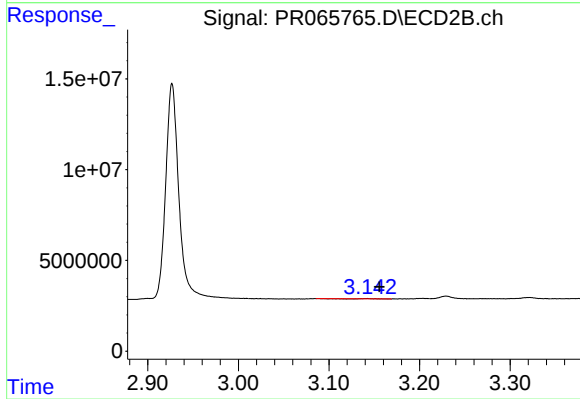
#7 AR-1016-5

R.T.: 4.509 min
Delta R.T.: -0.004 min
Response: 737624
Conc: 4.63 ng/ml



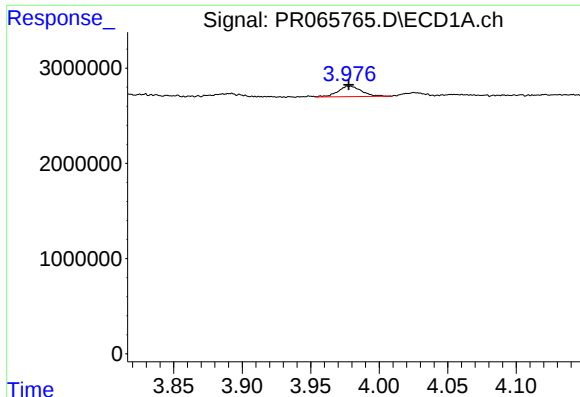
#8 AR-1221-1

R.T.: 3.892 min
Delta R.T.: 0.002 min
Response: 596053
Conc: 9.86 ng/ml



#8 AR-1221-1

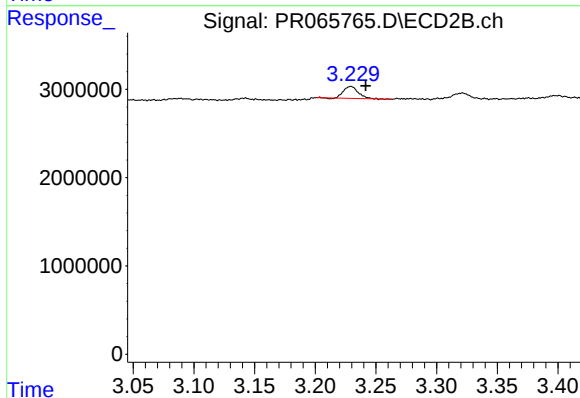
R.T.: 3.142 min
Delta R.T.: -0.014 min
Response: 32717
Conc: 0.44 ng/ml



#9 AR-1221-2

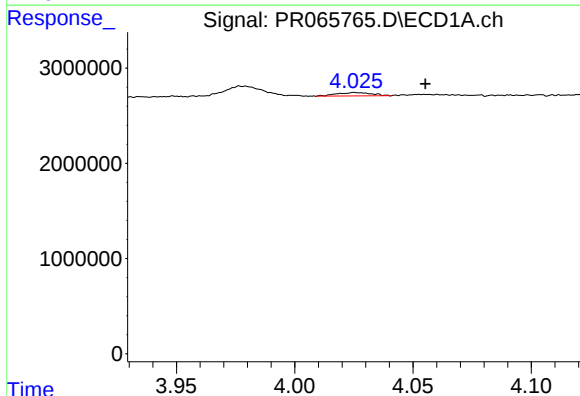
R.T.: 3.978 min
Delta R.T.: 0.000 min
Response: 1306121
Conc: 31.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK923



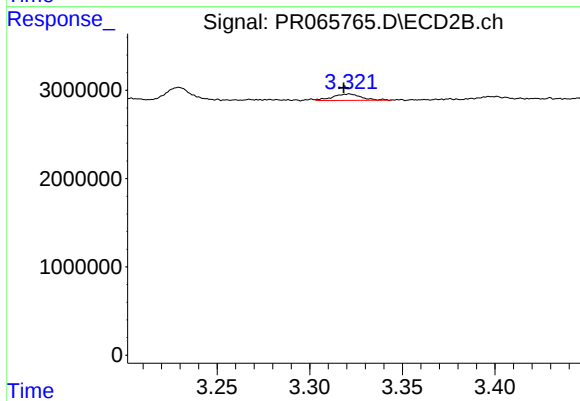
#9 AR-1221-2

R.T.: 3.229 min
Delta R.T.: -0.012 min
Response: 1133649
Conc: 22.40 ng/ml



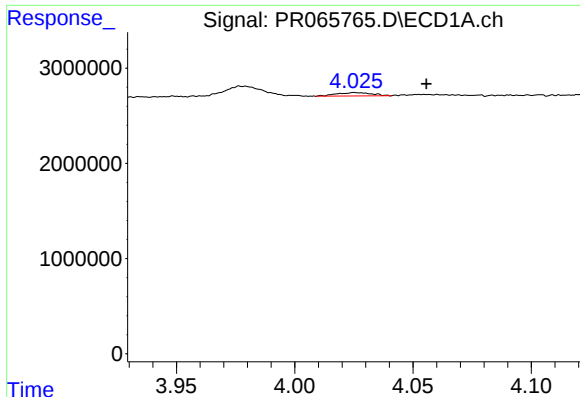
#10 AR-1221-3

R.T.: 4.026 min
Delta R.T.: -0.029 min
Response: 358095
Conc: 2.57 ng/ml



#10 AR-1221-3

R.T.: 3.321 min
Delta R.T.: 0.003 min
Response: 778804
Conc: 4.37 ng/ml



#11 AR-1232-1

R.T.: 4.026 min
Delta R.T.: -0.030 min
Response: 358095
Conc: 3.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK923

#11 AR-1232-1

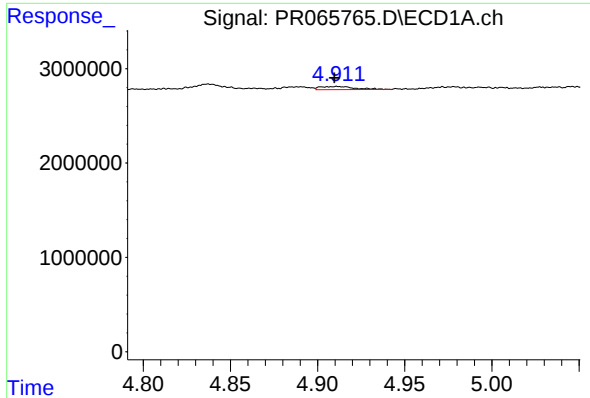
R.T.: 3.321 min
Delta R.T.: 0.003 min
Response: 778804
Conc: 5.25 ng/ml

#12 AR-1232-2

R.T.: 4.604 min
Delta R.T.: 0.003 min
Response: 701503
Conc: 11.48 ng/ml

#12 AR-1232-2

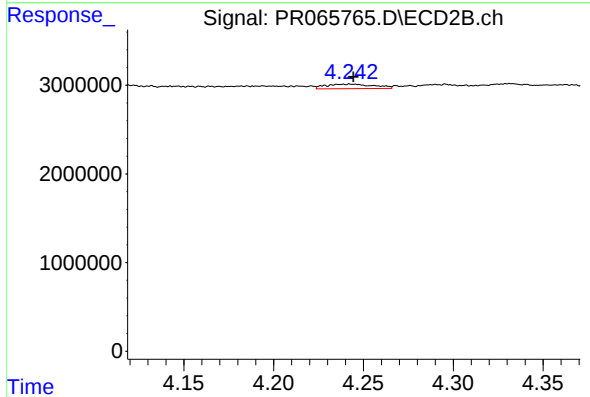
R.T.: 4.062 min
Delta R.T.: -0.004 min
Response: 880917
Conc: 6.42 ng/ml



#13 AR-1232-3

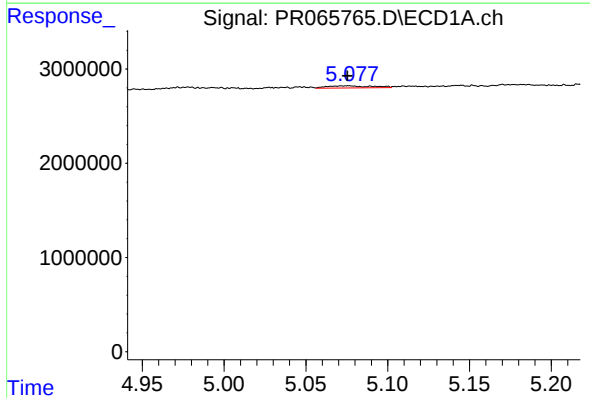
R.T.: 4.911 min
Delta R.T.: 0.002 min
Response: 454752
Conc: 4.66 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK923



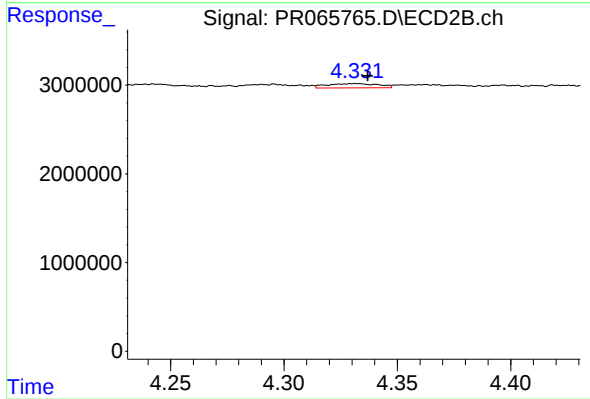
#13 AR-1232-3

R.T.: 4.243 min
Delta R.T.: -0.001 min
Response: 954386
Conc: 13.06 ng/ml



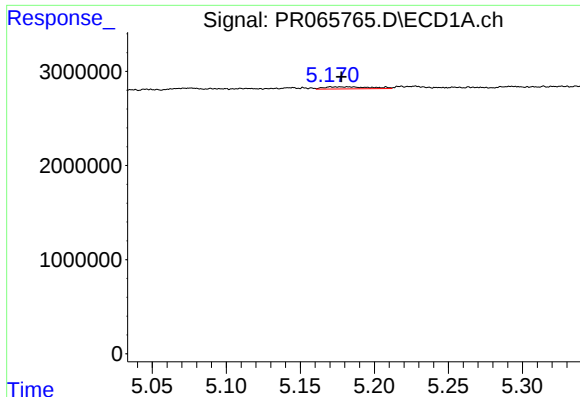
#14 AR-1232-4

R.T.: 5.076 min
Delta R.T.: 0.000 min
Response: 442504
Conc: 9.17 ng/ml



#14 AR-1232-4

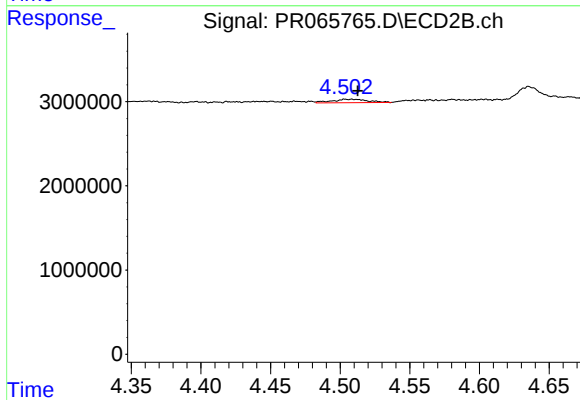
R.T.: 4.332 min
Delta R.T.: -0.005 min
Response: 753094
Conc: 12.12 ng/ml



#15 AR-1232-5

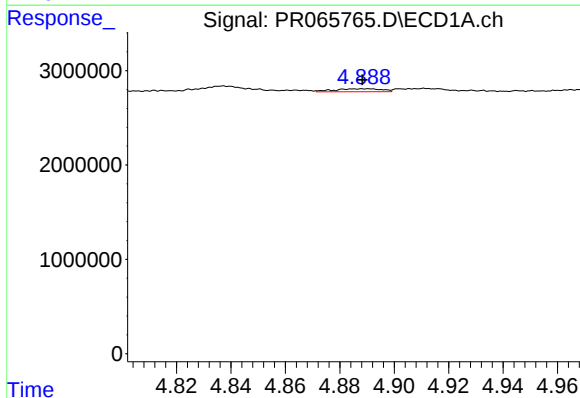
R.T.: 5.171 min
Delta R.T.: -0.007 min
Response: 478480
Conc: 13.28 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK923



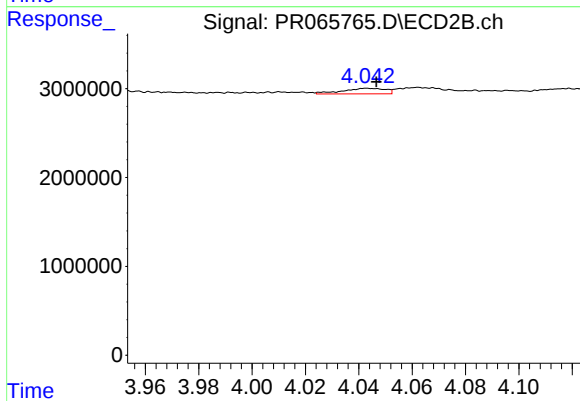
#15 AR-1232-5

R.T.: 4.509 min
Delta R.T.: -0.004 min
Response: 737624
Conc: 10.42 ng/ml



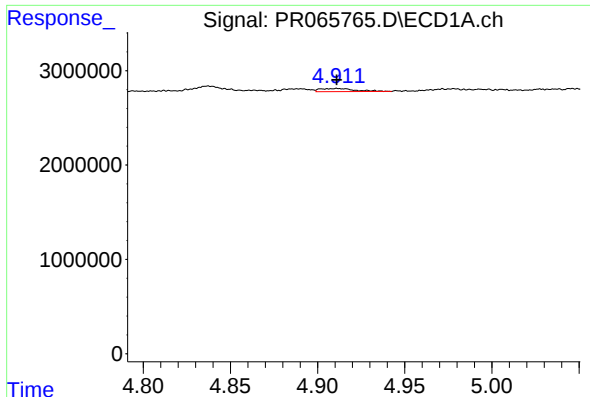
#16 AR-1242-1

R.T.: 4.890 min
Delta R.T.: 0.002 min
Response: 383604
Conc: 3.72 ng/ml



#16 AR-1242-1

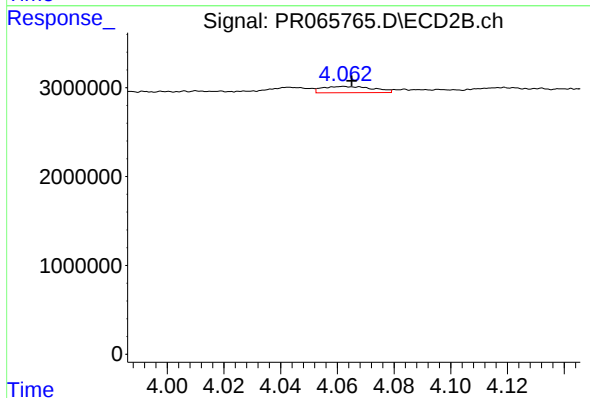
R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 701219
Conc: 4.17 ng/ml



#17 AR-1242-2

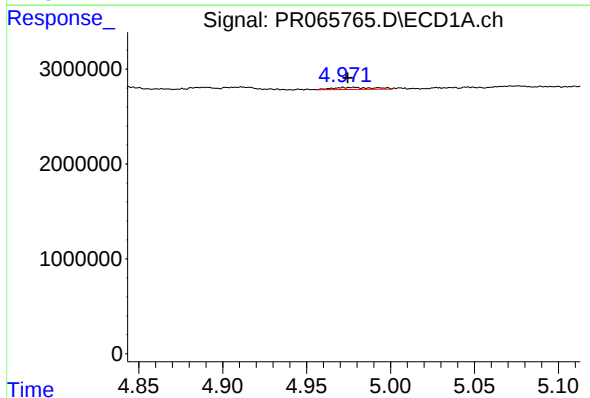
R.T.: 4.911 min
Delta R.T.: 0.000 min
Response: 454752
Conc: 2.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK923



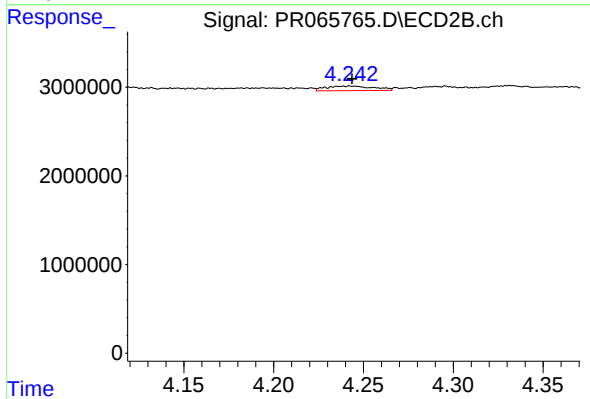
#17 AR-1242-2

R.T.: 4.062 min
Delta R.T.: -0.003 min
Response: 880917
Conc: 3.68 ng/ml



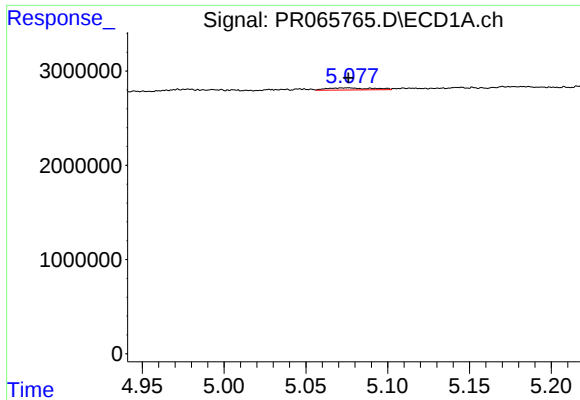
#18 AR-1242-3

R.T.: 4.978 min
Delta R.T.: 0.004 min
Response: 382712
Conc: 3.24 ng/ml



#18 AR-1242-3

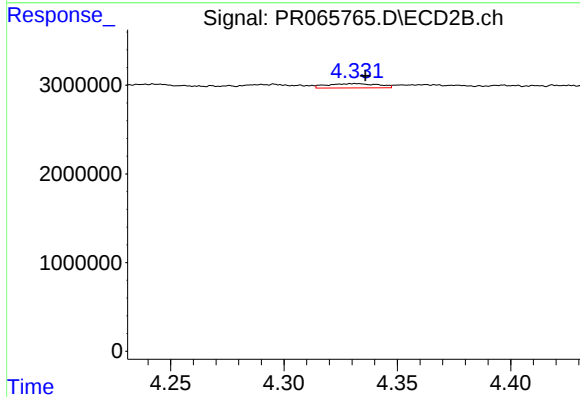
R.T.: 4.243 min
Delta R.T.: 0.000 min
Response: 954386
Conc: 7.27 ng/ml



#19 AR-1242-4

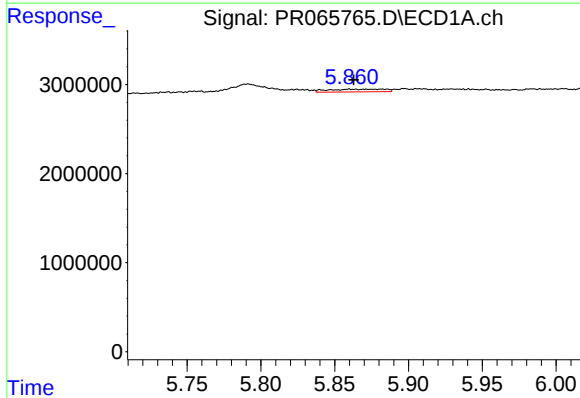
R.T.: 5.076 min
Delta R.T.: 0.000 min
Response: 442504
Conc: 4.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK923



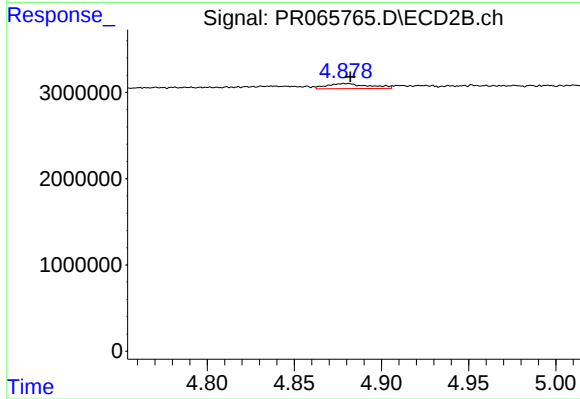
#19 AR-1242-4

R.T.: 4.332 min
Delta R.T.: -0.004 min
Response: 753094
Conc: 5.90 ng/ml



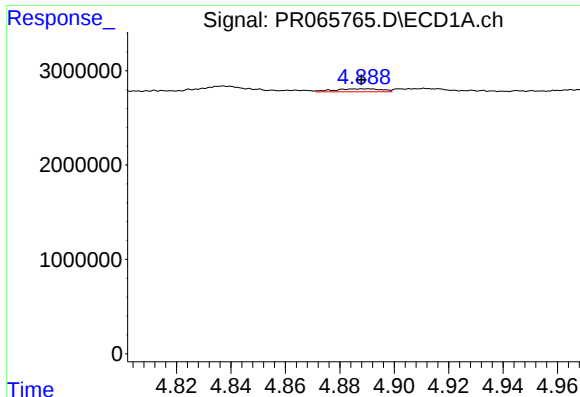
#20 AR-1242-5

R.T.: 5.882 min
Delta R.T.: 0.019 min
Response: 802393
Conc: 9.71 ng/ml



#20 AR-1242-5

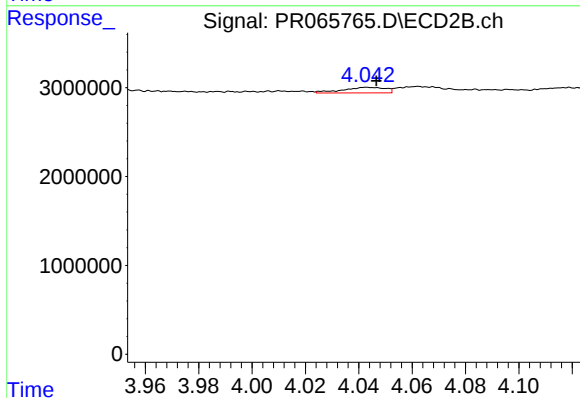
R.T.: 4.880 min
Delta R.T.: -0.002 min
Response: 985292
Conc: 6.57 ng/ml



#21 AR-1248-1

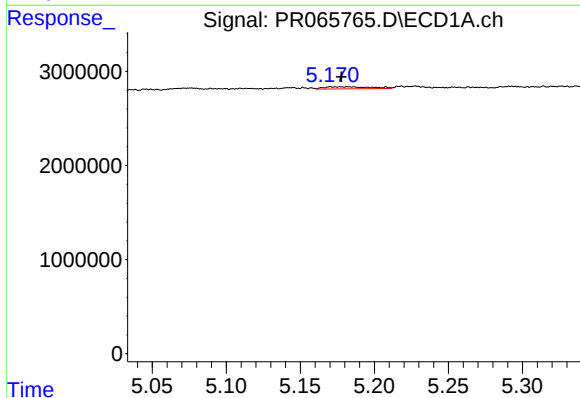
R.T.: 4.890 min
Delta R.T.: 0.002 min
Response: 383604
Conc: 4.81 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK923



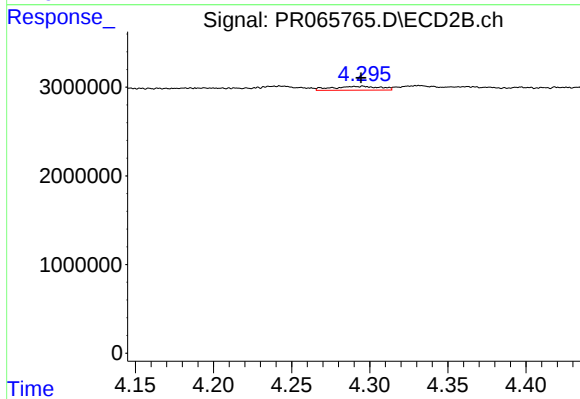
#21 AR-1248-1

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 701219
Conc: 5.32 ng/ml



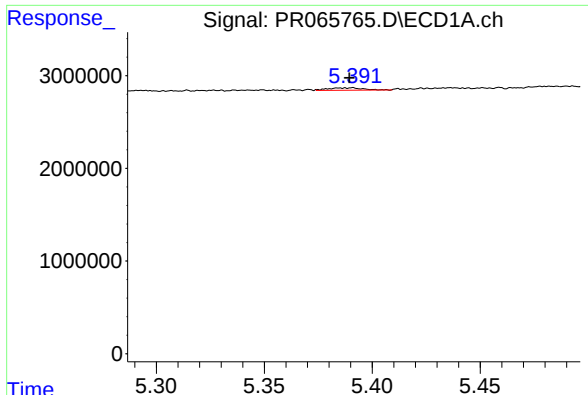
#22 AR-1248-2

R.T.: 5.171 min
Delta R.T.: -0.007 min
Response: 478480
Conc: 3.62 ng/ml



#22 AR-1248-2

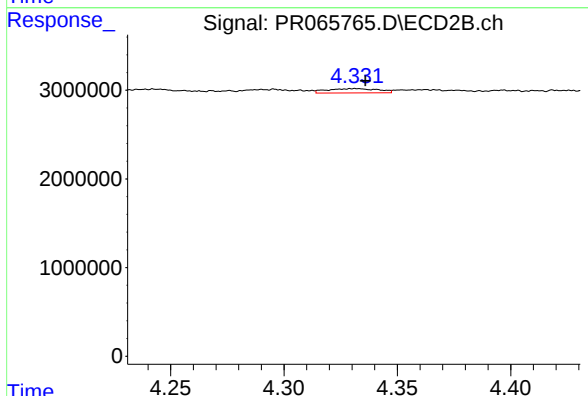
R.T.: 4.296 min
Delta R.T.: 0.001 min
Response: 928901
Conc: 4.88 ng/ml



#23 AR-1248-3

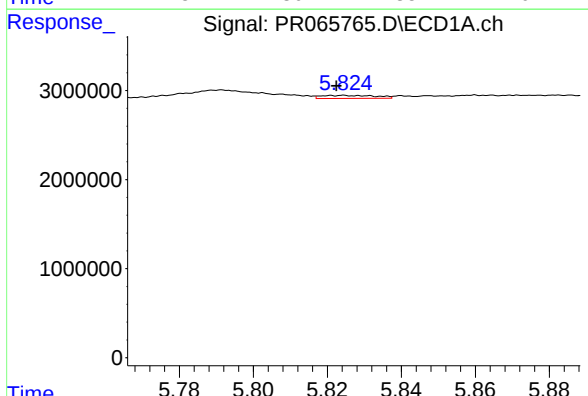
R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 274141
Conc: 1.83 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK923



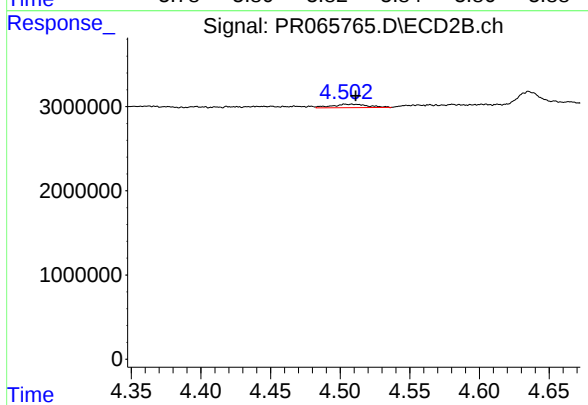
#23 AR-1248-3

R.T.: 4.332 min
Delta R.T.: -0.004 min
Response: 753094
Conc: 3.89 ng/ml



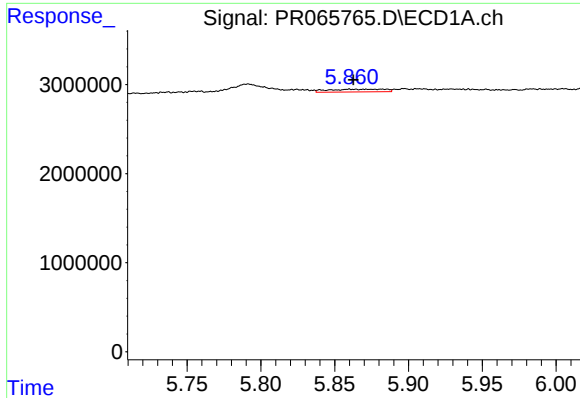
#24 AR-1248-4

R.T.: 5.824 min
Delta R.T.: 0.002 min
Response: 347358
Conc: 2.58 ng/ml



#24 AR-1248-4

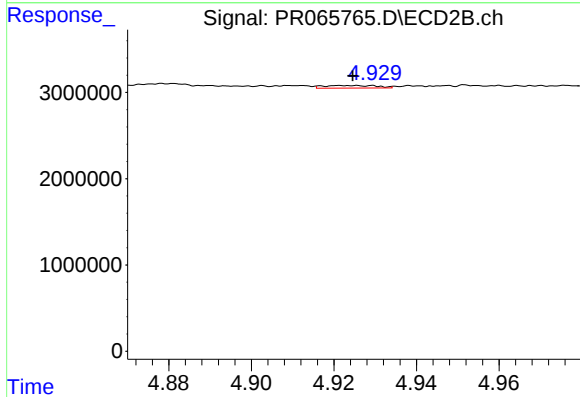
R.T.: 4.509 min
Delta R.T.: -0.002 min
Response: 737624
Conc: 3.18 ng/ml



#25 AR-1248-5

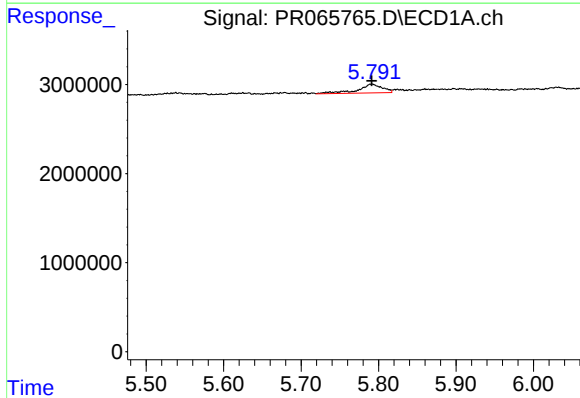
R.T.: 5.882 min
Delta R.T.: 0.020 min
Response: 802393
Conc: 5.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK923



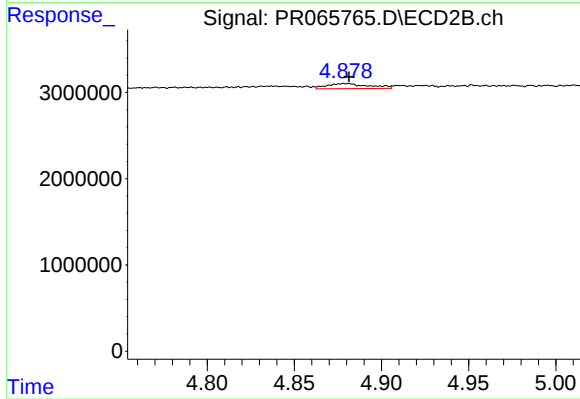
#25 AR-1248-5

R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 271883
Conc: 1.32 ng/ml



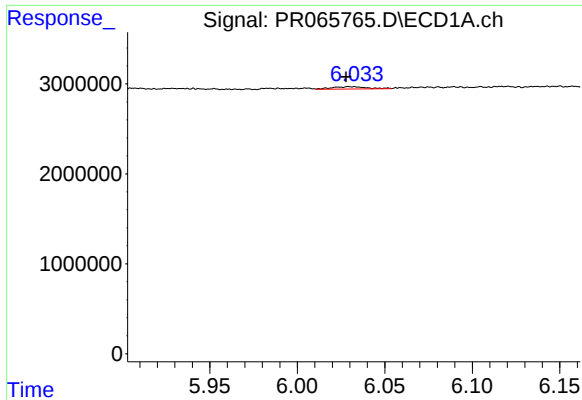
#26 AR-1254-1

R.T.: 5.791 min
Delta R.T.: 0.000 min
Response: 2175684
Conc: 13.28 ng/ml



#26 AR-1254-1

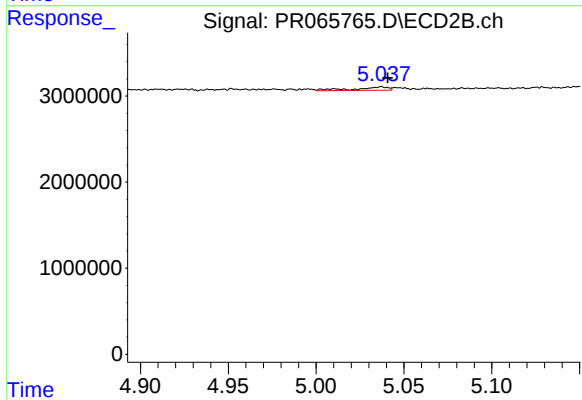
R.T.: 4.880 min
Delta R.T.: -0.001 min
Response: 985292
Conc: 2.93 ng/ml



#27 AR-1254-2

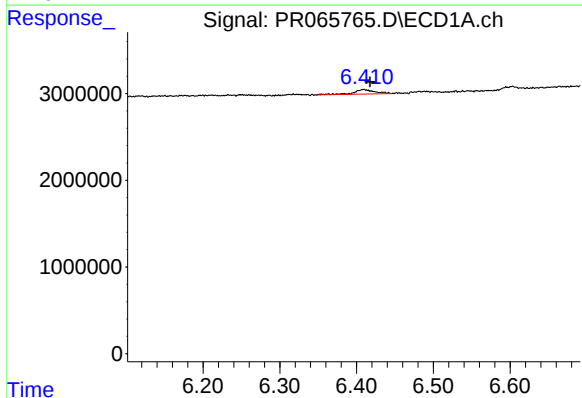
R.T.: 6.031 min
Delta R.T.: 0.003 min
Response: 351024
Conc: 1.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK923



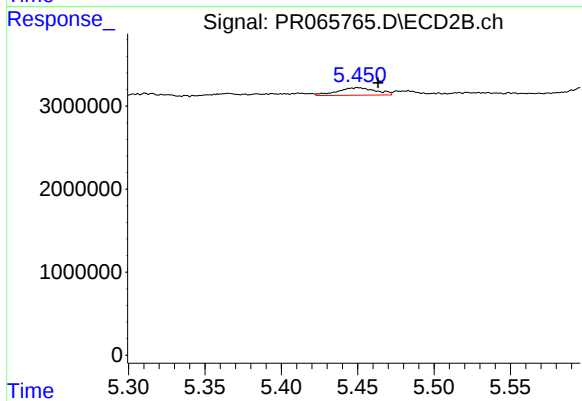
#27 AR-1254-2

R.T.: 5.037 min
Delta R.T.: -0.004 min
Response: 515985
Conc: 1.75 ng/ml



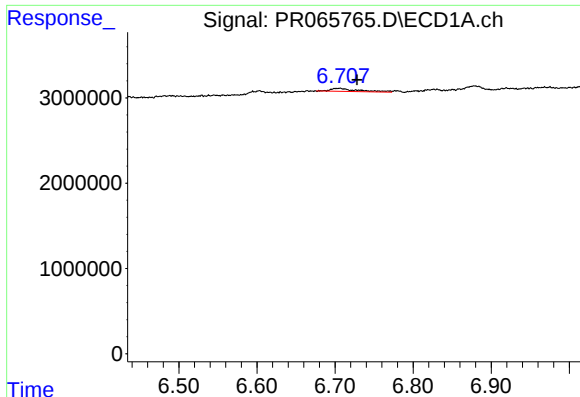
#28 AR-1254-3

R.T.: 6.409 min
Delta R.T.: -0.008 min
Response: 1004754
Conc: 4.45 ng/ml



#28 AR-1254-3

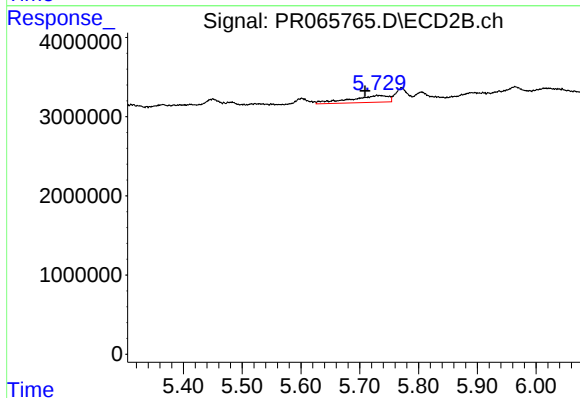
R.T.: 5.450 min
Delta R.T.: -0.013 min
Response: 1576555
Conc: 3.49 ng/ml



#29 AR-1254-4

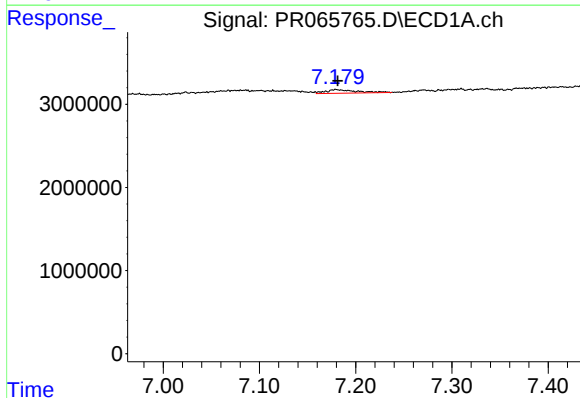
R.T.: 6.706 min
Delta R.T.: -0.022 min
Response: 857428
Conc: 6.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK923



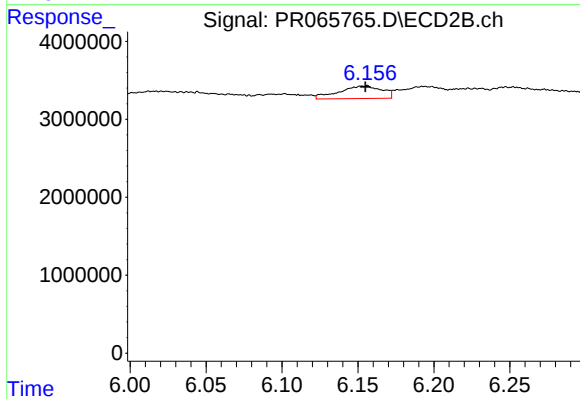
#29 AR-1254-4

R.T.: 5.729 min
Delta R.T.: 0.020 min
Response: 3961788
Conc: 16.16 ng/ml



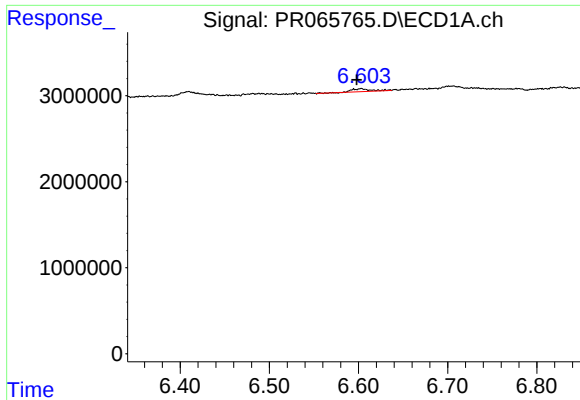
#30 AR-1254-5

R.T.: 7.180 min
Delta R.T.: -0.002 min
Response: 970358
Conc: 6.25 ng/ml



#30 AR-1254-5

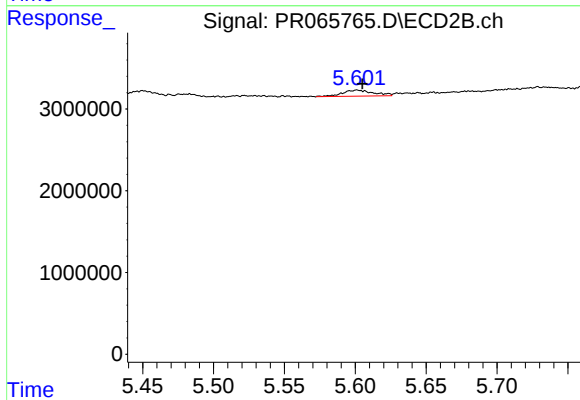
R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 3174789
Conc: 8.31 ng/ml



#31 AR-1260-1

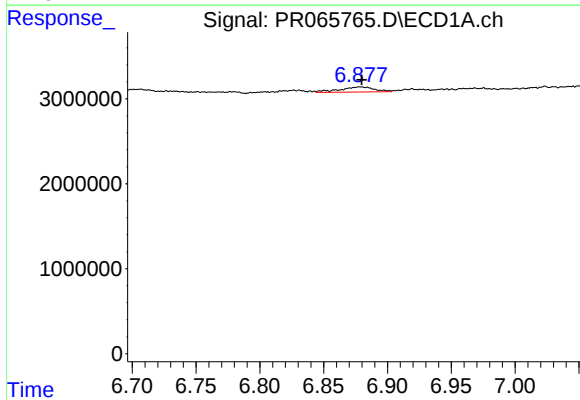
R.T.: 6.603 min
Delta R.T.: 0.005 min
Response: 517994
Conc: 2.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK923



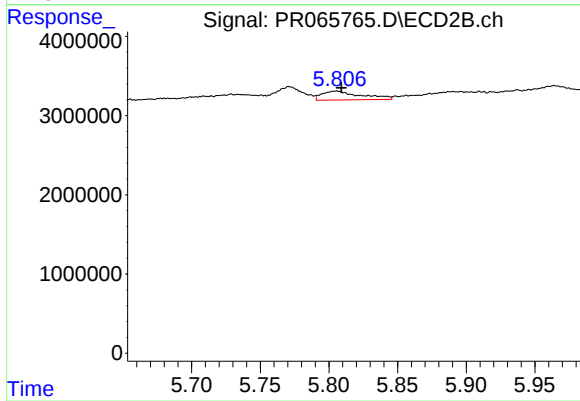
#31 AR-1260-1

R.T.: 5.601 min
Delta R.T.: -0.004 min
Response: 1140561
Conc: 3.86 ng/ml



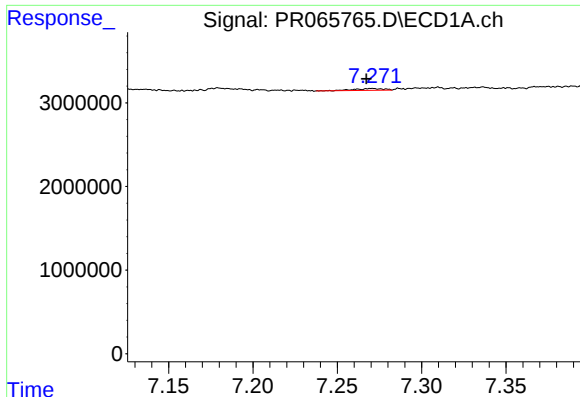
#32 AR-1260-2

R.T.: 6.879 min
Delta R.T.: -0.001 min
Response: 1138424
Conc: 6.35 ng/ml



#32 AR-1260-2

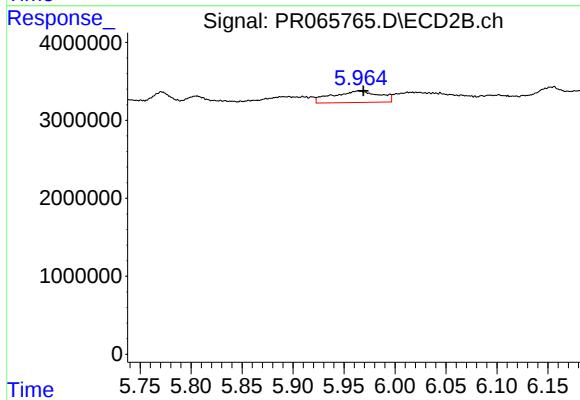
R.T.: 5.805 min
Delta R.T.: -0.004 min
Response: 2219998
Conc: 6.59 ng/ml



#33 AR-1260-3

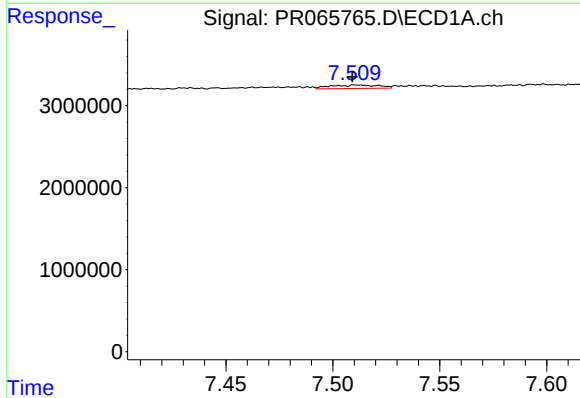
R.T.: 7.270 min
Delta R.T.: 0.003 min
Response: 282103
Conc: 1.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK923



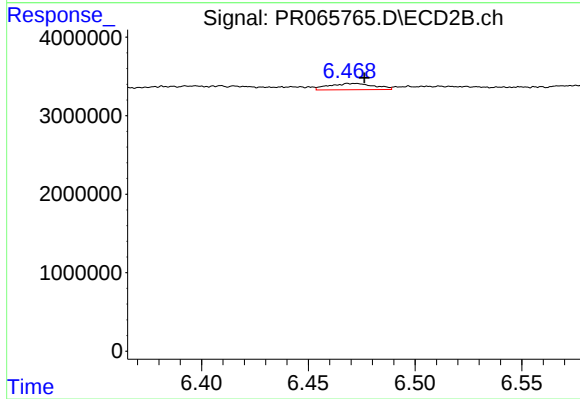
#33 AR-1260-3

R.T.: 5.964 min
Delta R.T.: -0.005 min
Response: 4730254
Conc: 14.54 ng/ml



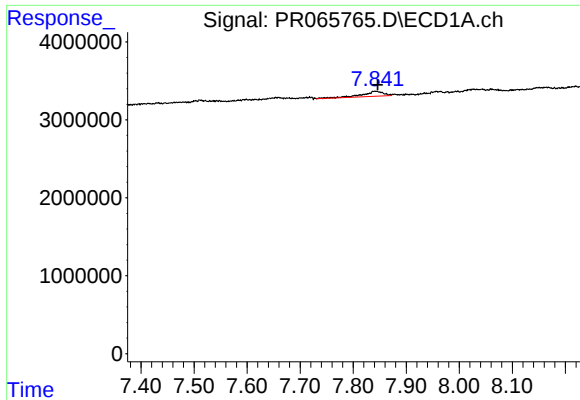
#34 AR-1260-4

R.T.: 7.512 min
Delta R.T.: 0.003 min
Response: 679635
Conc: 4.44 ng/ml



#34 AR-1260-4

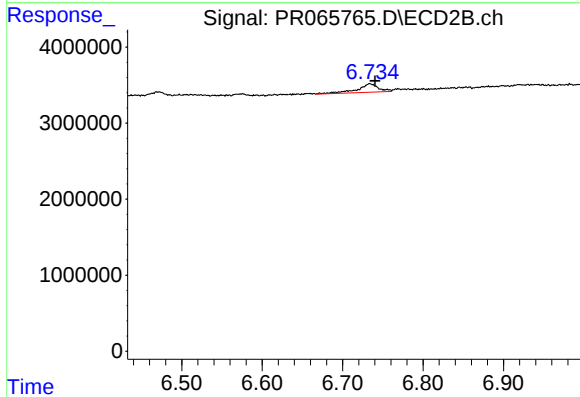
R.T.: 6.470 min
Delta R.T.: -0.006 min
Response: 1177104
Conc: 4.55 ng/ml



#35 AR-1260-5

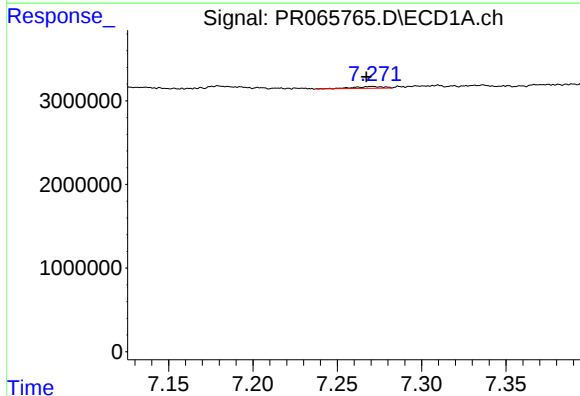
R.T.: 7.842 min
Delta R.T.: -0.005 min
Response: 1792029
Conc: 7.03 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK923



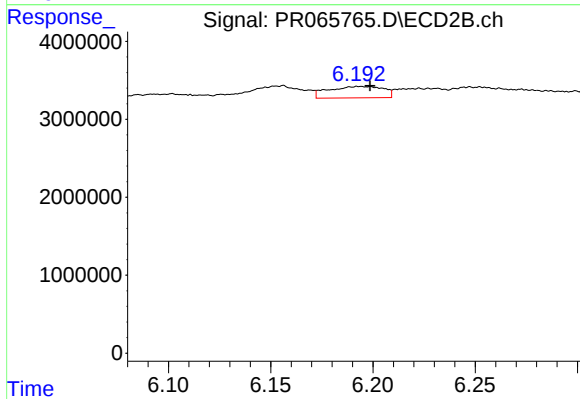
#35 AR-1260-5

R.T.: 6.734 min
Delta R.T.: -0.006 min
Response: 2071071
Conc: 3.88 ng/ml



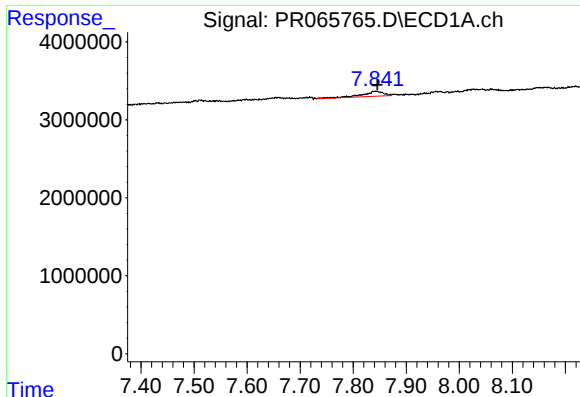
#36 AR-1262-1

R.T.: 7.270 min
Delta R.T.: 0.003 min
Response: 282103
Conc: 1.30 ng/ml



#36 AR-1262-1

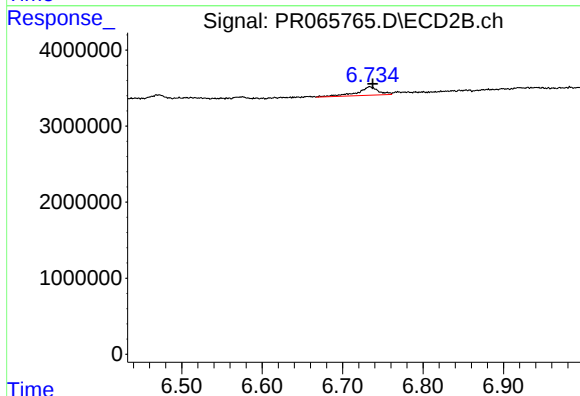
R.T.: 6.193 min
Delta R.T.: -0.005 min
Response: 2729312
Conc: 6.66 ng/ml



#37 AR-1262-2

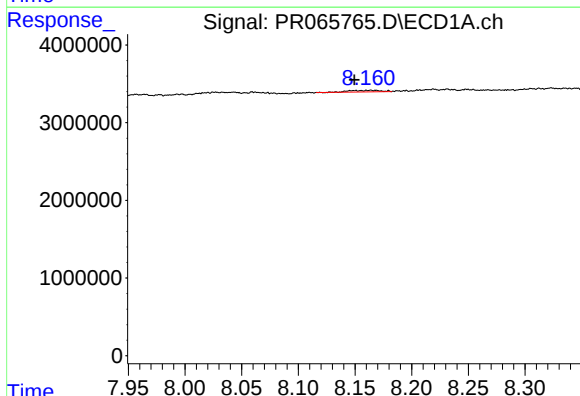
R.T.: 7.842 min
Delta R.T.: -0.004 min
Response: 1792029
Conc: 5.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK923



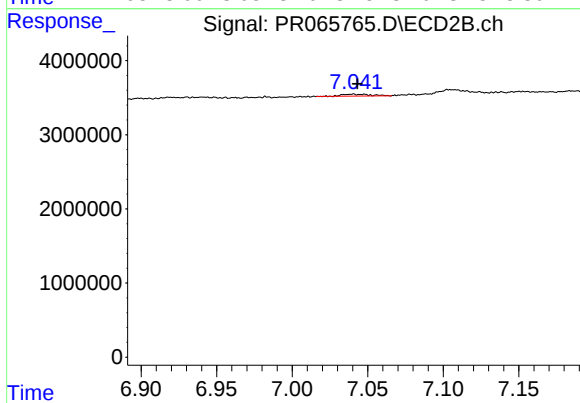
#37 AR-1262-2

R.T.: 6.734 min
Delta R.T.: -0.003 min
Response: 2071071
Conc: 3.24 ng/ml



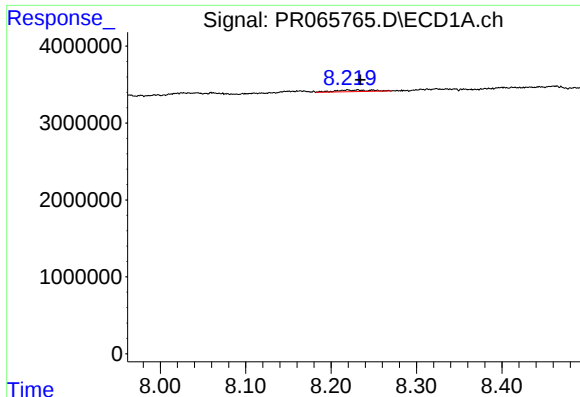
#38 AR-1262-3

R.T.: 8.164 min
Delta R.T.: 0.015 min
Response: 403871
Conc: 1.97 ng/ml



#38 AR-1262-3

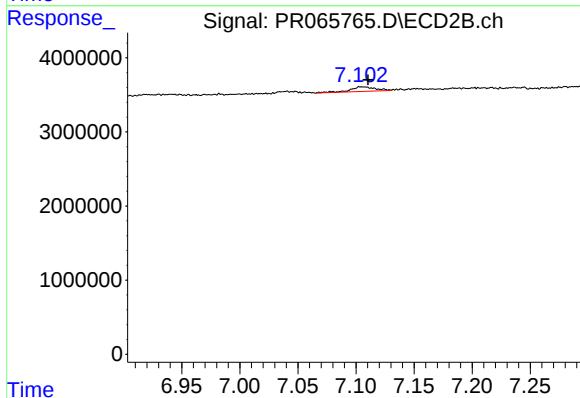
R.T.: 7.040 min
Delta R.T.: -0.003 min
Response: 334340
Conc: 1.27 ng/ml



#39 AR-1262-4

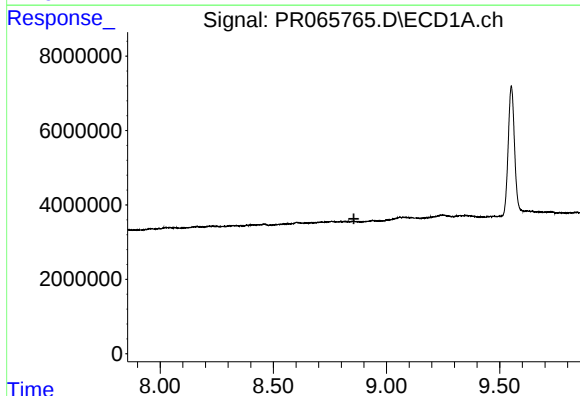
R.T.: 8.219 min
Delta R.T.: -0.015 min
Response: 614074
Conc: 3.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK923



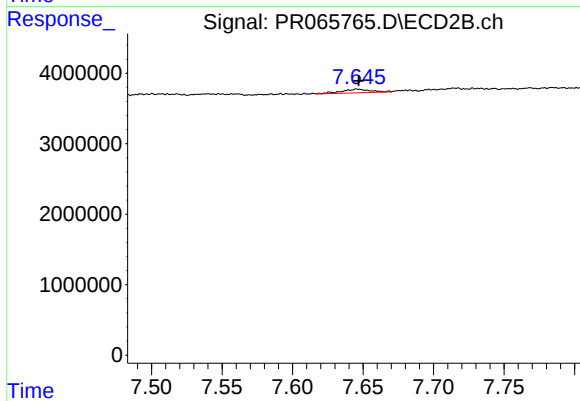
#39 AR-1262-4

R.T.: 7.104 min
Delta R.T.: -0.006 min
Response: 920180
Conc: 2.01 ng/ml



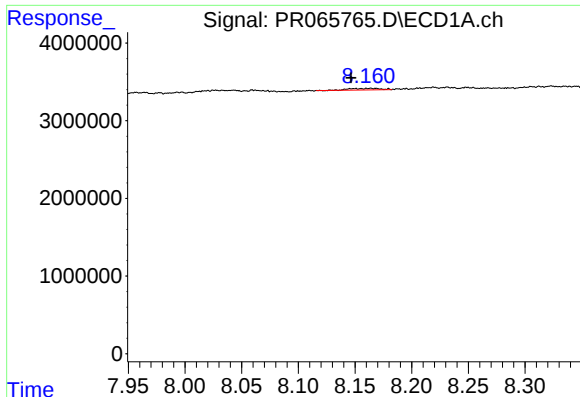
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.856 min
Response: 0
Conc: N.D.



#40 AR-1262-5

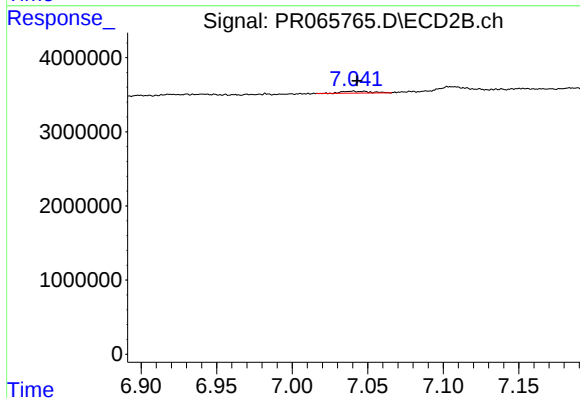
R.T.: 7.646 min
Delta R.T.: 0.000 min
Response: 709192
Conc: 3.68 ng/ml



#41 AR-1268-1

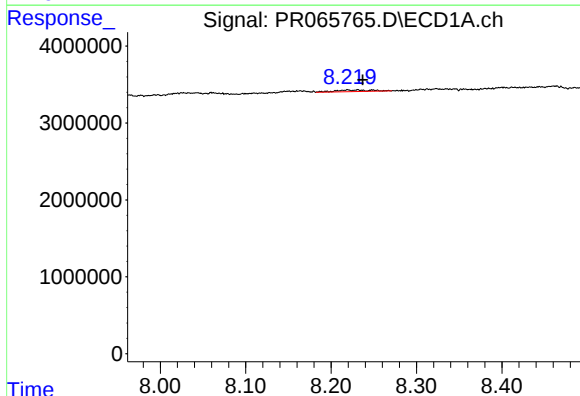
R.T.: 8.164 min
Delta R.T.: 0.018 min
Response: 403871
Conc: 0.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK923



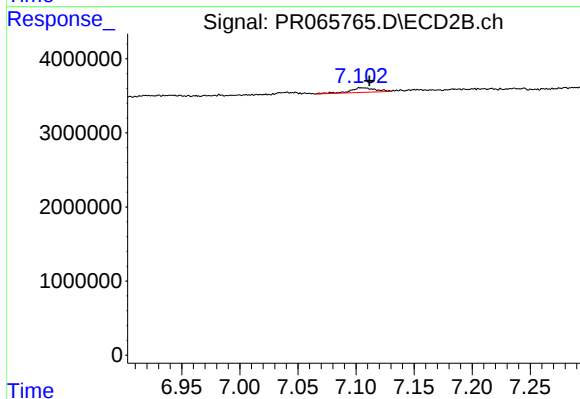
#41 AR-1268-1

R.T.: 7.040 min
Delta R.T.: -0.003 min
Response: 334340
Conc: 0.43 ng/ml



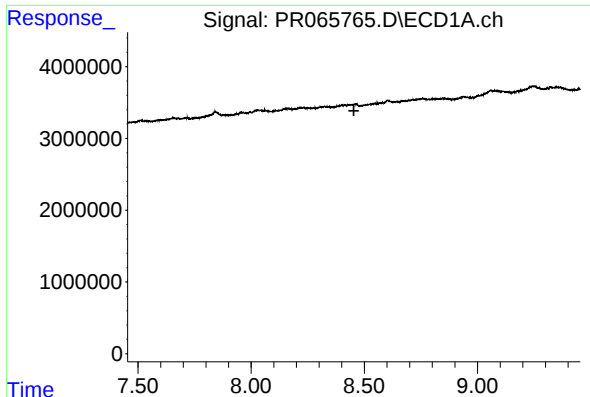
#42 AR-1268-2

R.T.: 8.219 min
Delta R.T.: -0.018 min
Response: 614074
Conc: 1.68 ng/ml



#42 AR-1268-2

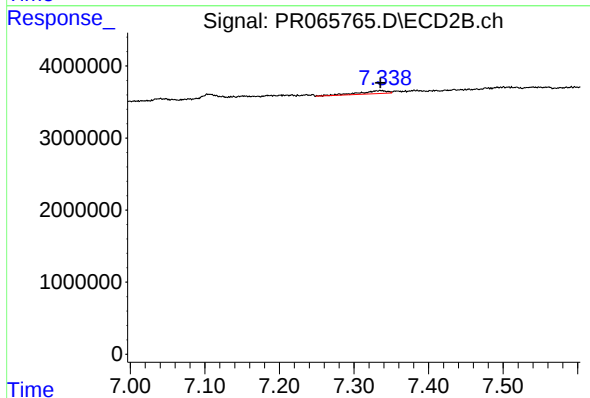
R.T.: 7.104 min
Delta R.T.: -0.007 min
Response: 920180
Conc: 1.31 ng/ml



#43 AR-1268-3

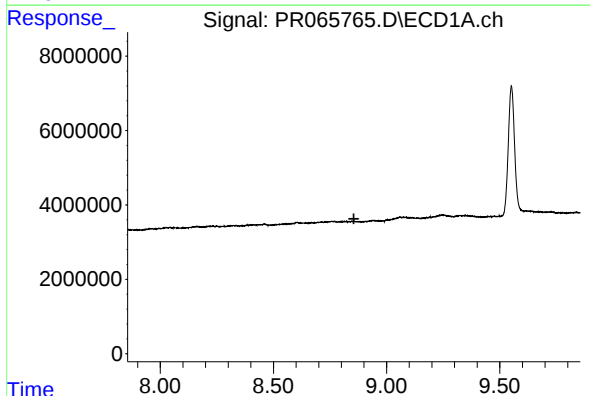
R.T.: 0.000 min
Exp R.T.: 8.454 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AIBLK923



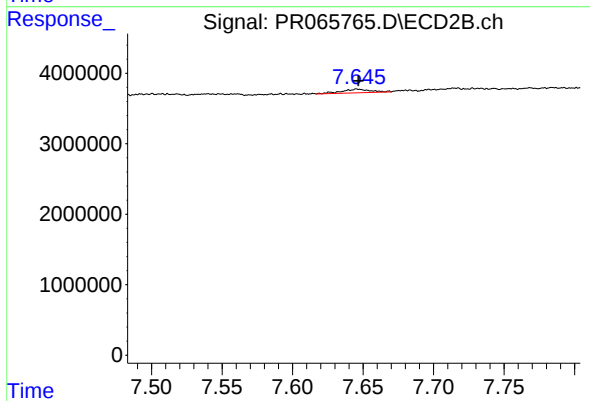
#43 AR-1268-3

R.T.: 7.336 min
Delta R.T.: 0.000 min
Response: 1064352
Conc: 1.65 ng/ml



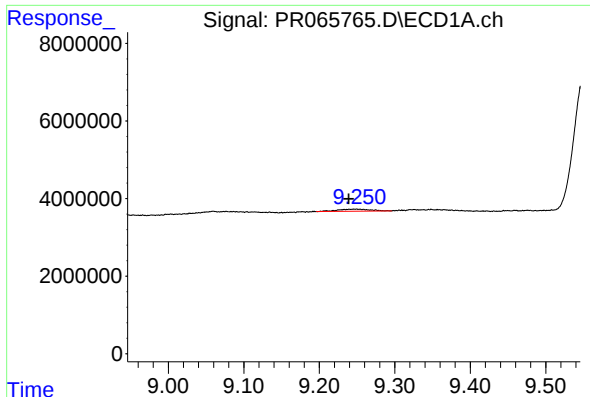
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 8.855 min
Response: 0
Conc: N.D.



#44 AR-1268-4

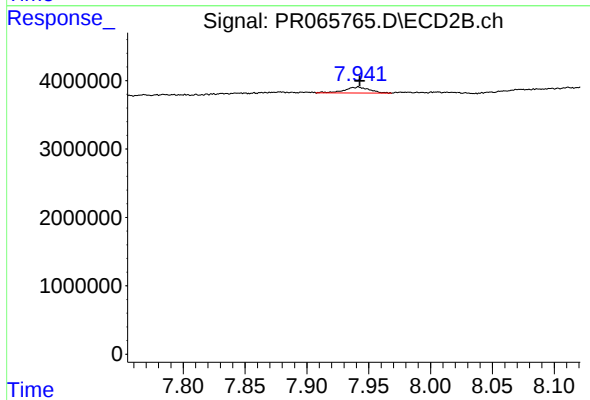
R.T.: 7.646 min
Delta R.T.: 0.000 min
Response: 709192
Conc: 3.12 ng/ml



#45 AR-1268-5

R.T.: 9.249 min
Delta R.T.: 0.010 min
Response: 1533474
Conc: 1.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK923



#45 AR-1268-5

R.T.: 7.942 min
Delta R.T.: 0.000 min
Response: 1193451
Conc: 0.74 ng/ml