

Data Path : P:\HPCHEM1\ECD P\Data\PP092115\
 Data File : PP011768.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Sep 2015 13:23
 Operator : IZ/UA
 Sample : AR1221 LOO WATER
 Misc : 100PPM, ECD P
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1221 LOQ WATER

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 22 00:47:59 2015
 Quant Method : P:\HPCHEM1\ECD_P\methods\PP090315.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Sep 19 00:23:08 2015
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	5.171	4.186	615514	765717	14.076	13.335
2) SA Decachlor...	11.498	9.281	541032	851079	14.145	14.984
Target Compounds						
3) L1 AR-1016-1	0.000	5.063	0	7816	N.D.	5.458 #
4) L1 AR-1016-2	0.000	5.476	0	4789	N.D.	3.266 #
5) L1 AR-1016-3	0.000	5.476	0	4789	N.D.	4.136 #
8) L2 AR-1221-1	5.399	4.400	81013	44232	187.988	77.032 #
9) L2 AR-1221-2	0.000	4.487	0	122550	N.D.	288.335 #
10) L2 AR-1221-3	5.548	4.565	74965	108228	70.579	80.651
11) L3 AR-1232-1	5.548	4.565	74965	108228	85.720	95.474
12) L3 AR-1232-2	0.000	5.063	0	7816	N.D.	13.291 #
13) L3 AR-1232-3	0.000	5.476	0	4789	N.D.	8.101 #
15) L3 AR-1232-5	0.000	6.102	0	28406	N.D.	41.814 #
16) L4 AR-1242-1	0.000	5.063	0	7816	N.D.	6.672 #
17) L4 AR-1242-2	0.000	5.349	0	8731	N.D.	5.248 #
19) L4 AR-1242-4	0.000	6.102	0	28406	N.D.	18.347 #
20) L4 AR-1242-5	0.000	6.102	0	28406	N.D.	21.536 #
21) L5 AR-1248-1	0.000	5.287	0	26132	N.D.	20.525 #
22) L5 AR-1248-2	0.000	5.287	0	26132	N.D.	22.127 #
23) L5 AR-1248-3	0.000	5.476	0	4789	N.D.	2.899 #
25) L5 AR-1248-5	0.000	6.102	0	28406	N.D.	9.696 #
26) L6 AR-1254-1	0.000	6.102	0	28406	N.D.	8.526 #
28) L6 AR-1254-3	0.000	6.535	0	54361	N.D.	23.056 #
29) L6 AR-1254-4	0.000	6.627	0	94591	N.D.	19.768 #
30) L6 AR-1254-5	0.000	7.267	0	33992	N.D.	8.179 #
31) L7 AR-1260-1	0.000	6.685	0	46051	N.D.	14.664 #
32) L7 AR-1260-2	0.000	6.947	0	125823	N.D.	32.544 #
33) L7 AR-1260-3	0.000	7.091	0	64948	N.D.	18.479 #
34) L7 AR-1260-4	0.000	7.802	0	121505	N.D.	17.590 #
35) L7 AR-1260-5	0.000	8.127	0	20849	N.D.	4.119 #
36) L8 AR-1262-1	0.000	6.947	0	125823	N.D.	34.763 #
37) L8 AR-1262-2	0.000	7.289	0	17291	N.D.	3.281 #
38) L8 AR-1262-3	0.000	7.563	0	150162	N.D.	34.073 #
39) L8 AR-1262-4	0.000	7.802	0	121505	N.D.	12.998 #
40) L8 AR-1262-5	0.000	8.127	0	20849	N.D.	3.030 #
41) L9 AR-1268-1	0.000	8.071	0	54041	N.D.	6.309 #
42) L9 AR-1268-2	0.000	8.127	0	20849	N.D.	2.421 #
43) L9 AR-1268-3	0.000	8.361	0	6966	N.D.	1.132 #
44) L9 AR-1268-4	0.000	8.644	0	9424	N.D.	3.623 #

Data Path : P:\HPCHEM1\ECD P\Data\PP092115\
Data File : PP011768.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 21 Sep 2015 13:23
Operator : IZ/UA
Sample : AR1221 LOO WATER
Misc : 100PPM, ECD P
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ WATER

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 22 00:47:59 2015
Quant Method : P:\HPCHEM1\ECD_P\methods\PP090315.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 19 00:23:08 2015
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

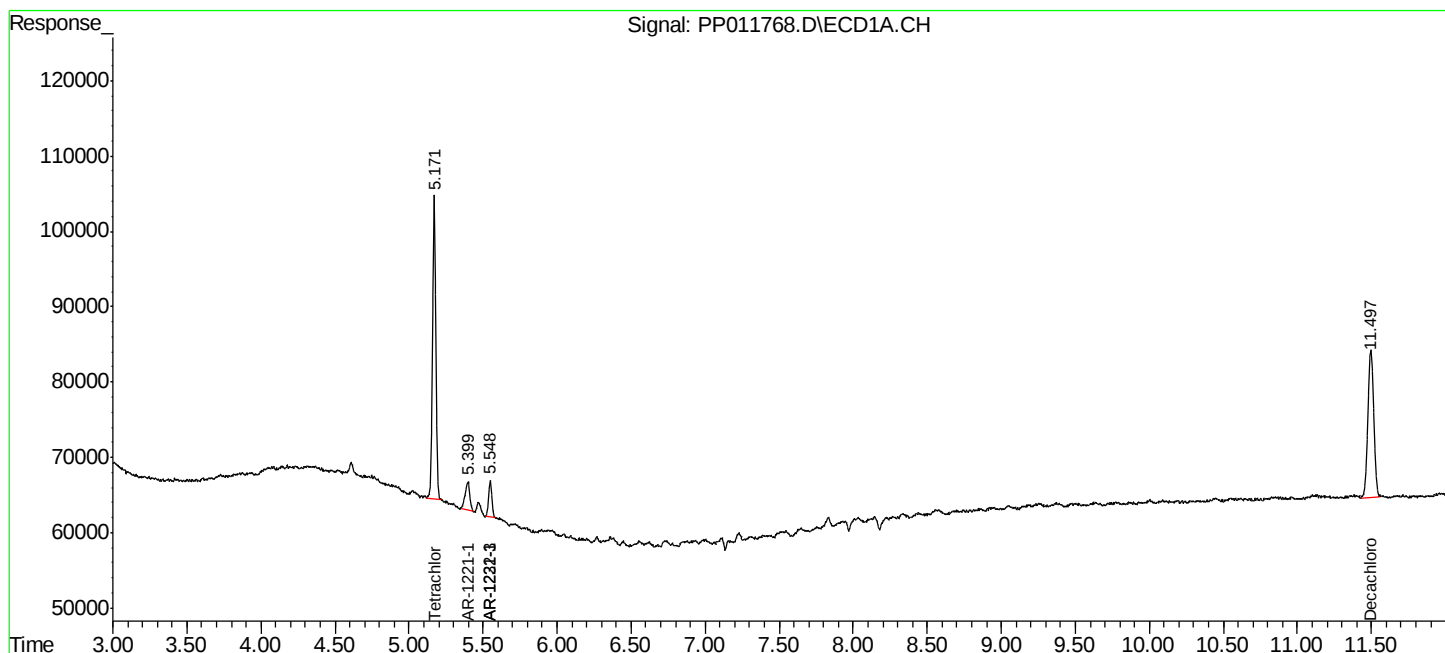
	Compound	RT#1	RT#2	Resp#1	Resp#2	nq/ml	nq/ml
45) L9	AR-1268-5	0.000	8.997	0	10880	N.D.	0.618 #

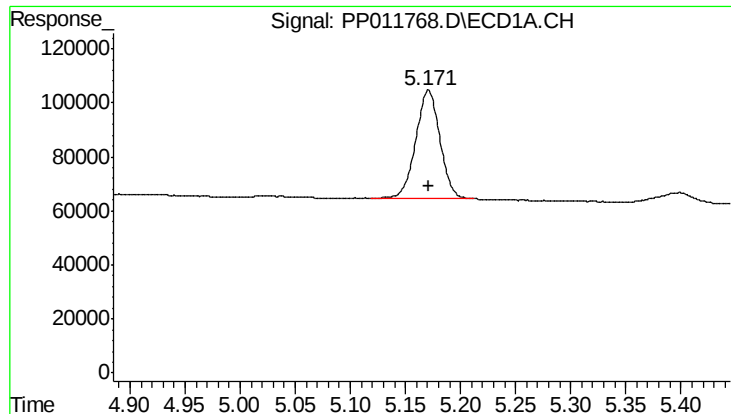
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : P:\HPCHEM1\ECD P\Data\PP092115\
Data File : PP011768.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 21 Sep 2015 13:23
Operator : IZ/UA
Sample : AR1221 LOO WATER
Misc : 100PPM, ECD P
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 22 00:47:59 2015
Quant Method : P:\HPCHEM1\ECD_P\methods\PP090315.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 19 00:23:08 2015
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

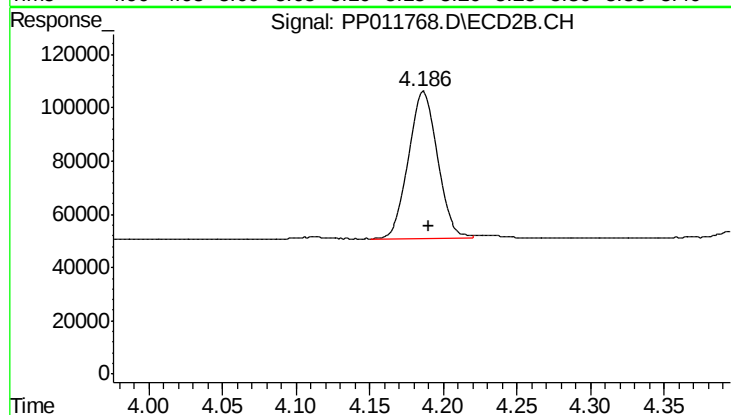




#1 Tetrachloro-m-xylene

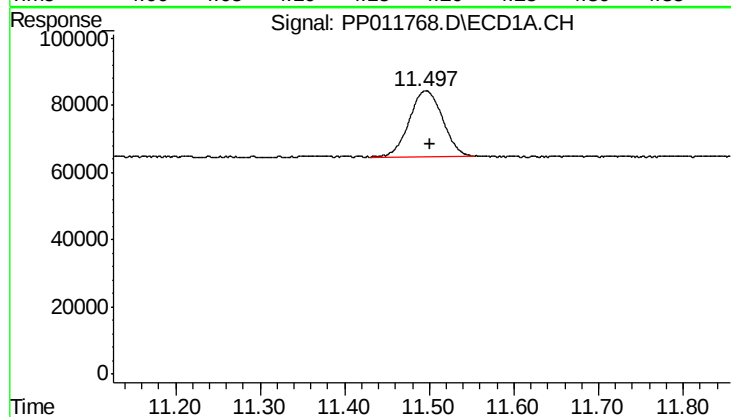
R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 615514
Conc: 14.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ WATER



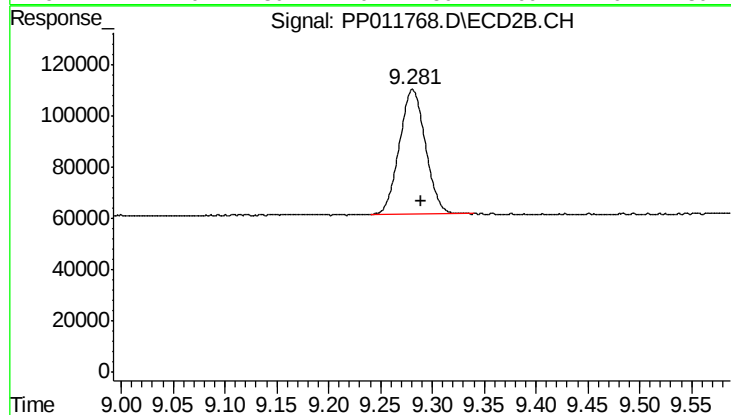
#1 Tetrachloro-m-xylene

R.T.: 4.186 min
Delta R.T.: -0.004 min
Response: 765717
Conc: 13.33 ng/ml



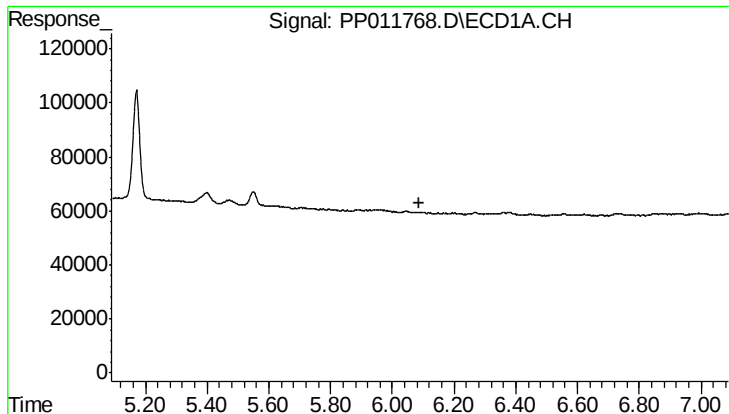
#2 Decachlorobiphenyl

R.T.: 11.498 min
Delta R.T.: -0.004 min
Response: 541032
Conc: 14.14 ng/ml



#2 Decachlorobiphenyl

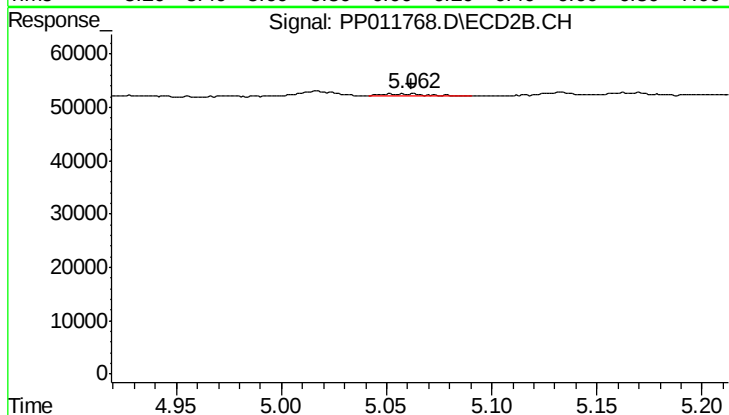
R.T.: 9.281 min
Delta R.T.: -0.008 min
Response: 851079
Conc: 14.98 ng/ml



#3 AR-1016-1

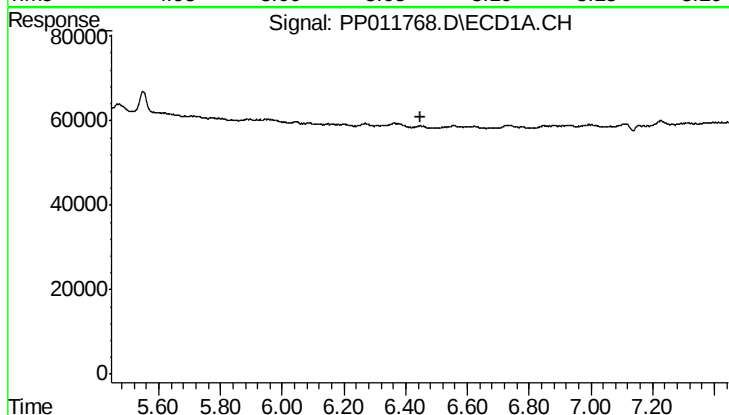
R.T.: 0.000 min
Exp R.T.: 6.089 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ WATER



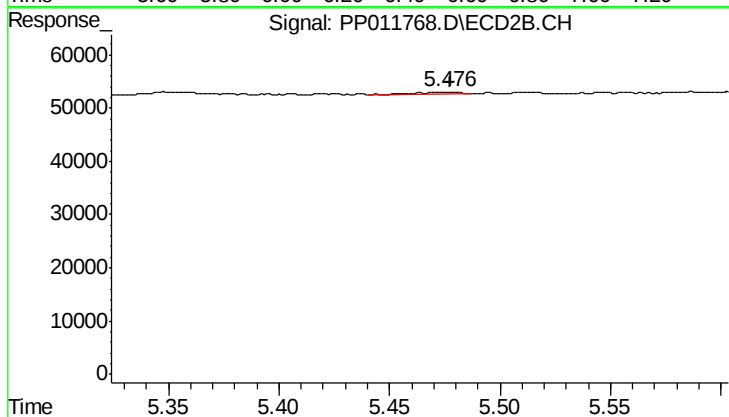
#3 AR-1016-1

R.T.: 5.063 min
Delta R.T.: 0.000 min
Response: 7816
Conc: 5.46 ng/ml



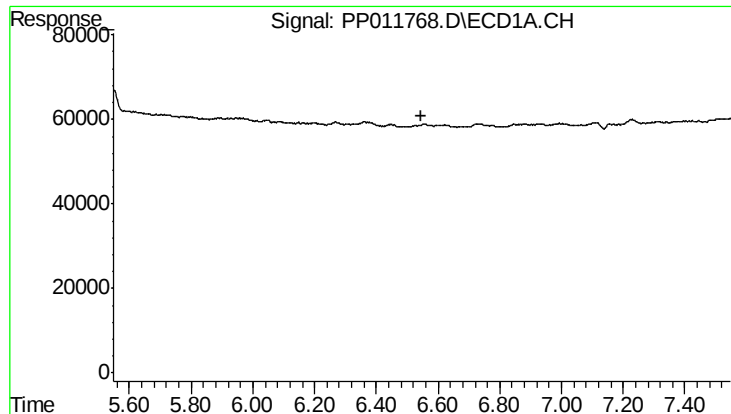
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.446 min
Response: 0
Conc: N.D.



#4 AR-1016-2

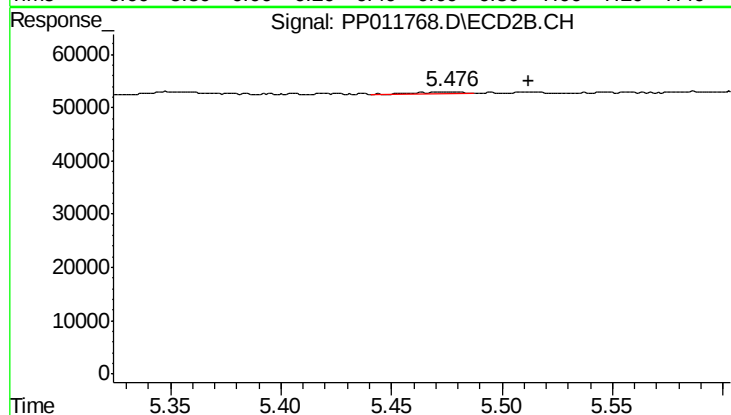
R.T.: 5.476 min
Delta R.T.: -0.001 min
Response: 4789
Conc: 3.27 ng/ml



#5 AR-1016-3

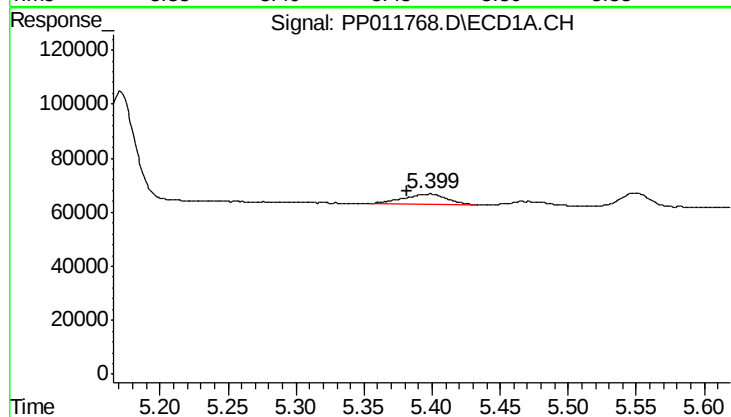
R.T.: 0.000 min
Exp R.T.: 6.548 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ WATER



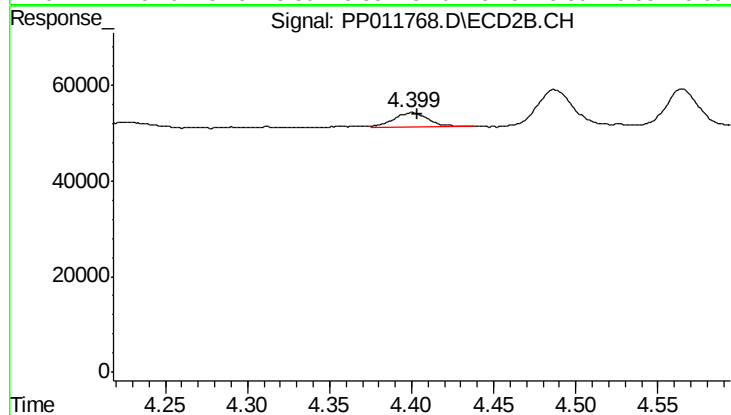
#5 AR-1016-3

R.T.: 5.476 min
Delta R.T.: -0.036 min
Response: 4789
Conc: 4.14 ng/ml



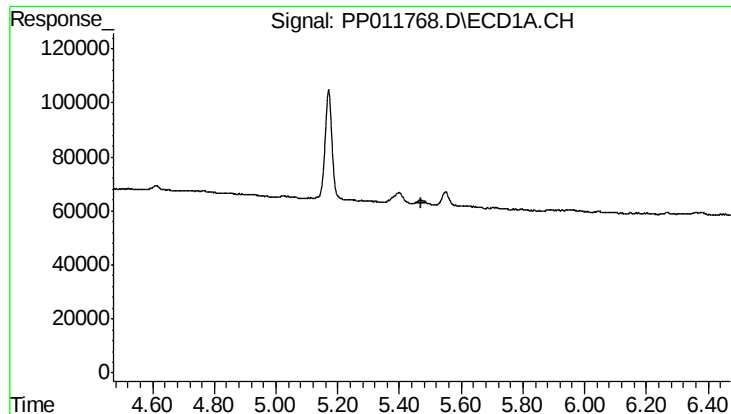
#8 AR-1221-1

R.T.: 5.399 min
Delta R.T.: 0.017 min
Response: 81013
Conc: 187.99 ng/ml



#8 AR-1221-1

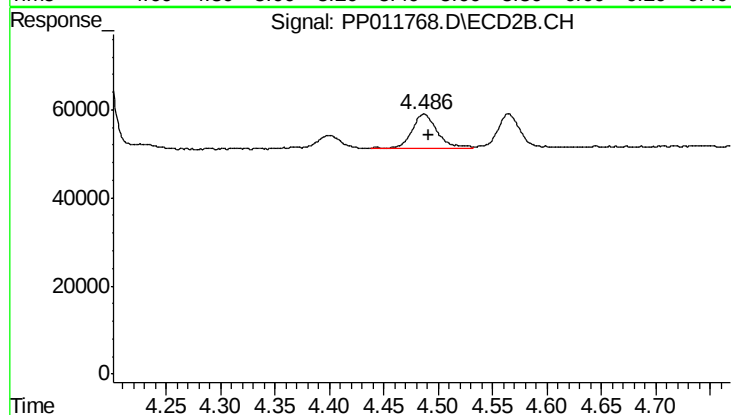
R.T.: 4.400 min
Delta R.T.: -0.004 min
Response: 44232
Conc: 77.03 ng/ml



#9 AR-1221-2

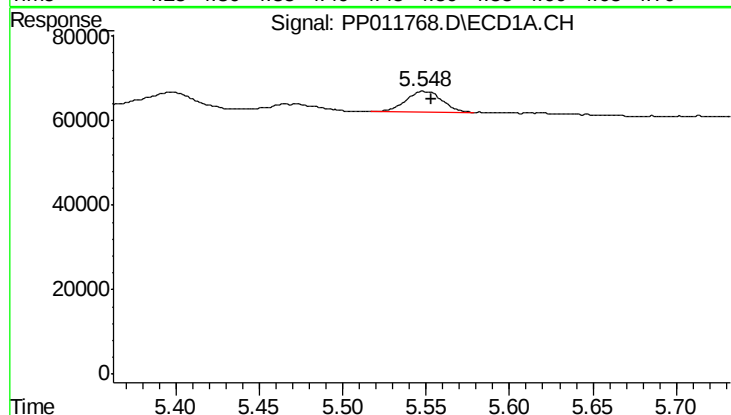
R.T.: 0.000 min
Exp R.T.: 5.473 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ WATER



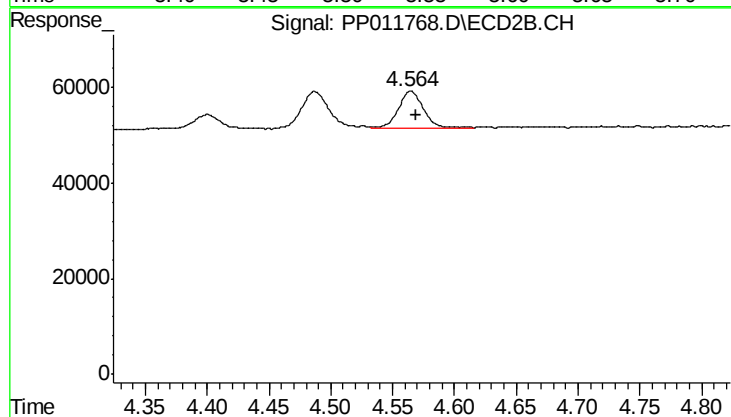
#9 AR-1221-2

R.T.: 4.487 min
Delta R.T.: -0.005 min
Response: 122550
Conc: 288.34 ng/ml



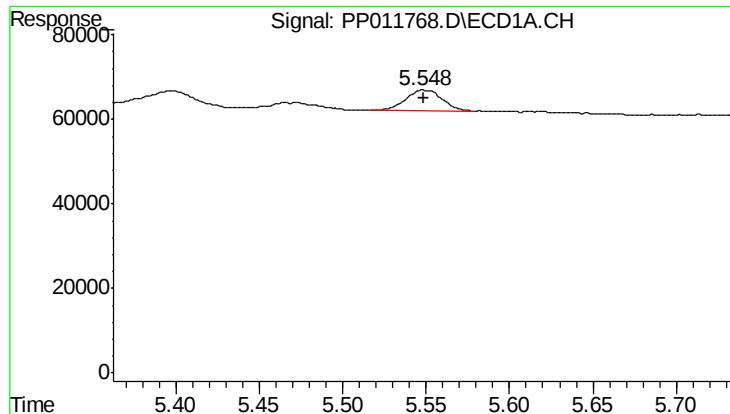
#10 AR-1221-3

R.T.: 5.548 min
Delta R.T.: -0.005 min
Response: 74965
Conc: 70.58 ng/ml



#10 AR-1221-3

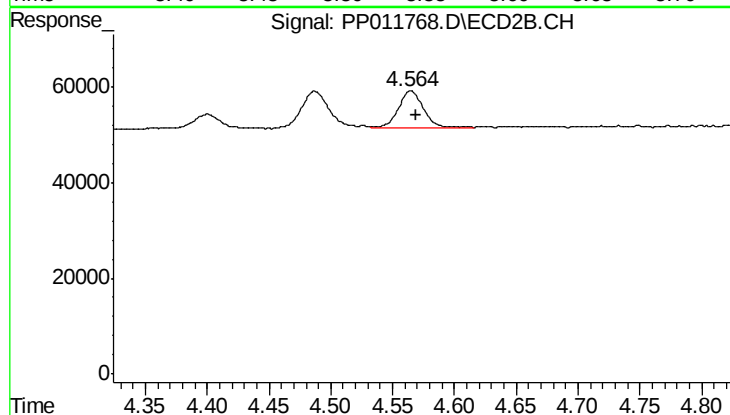
R.T.: 4.565 min
Delta R.T.: -0.004 min
Response: 108228
Conc: 80.65 ng/ml



#11 AR-1232-1

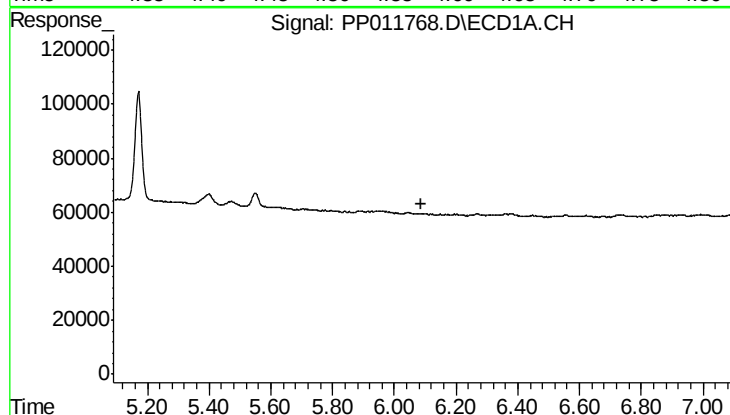
R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 74965
Conc: 85.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ WATER



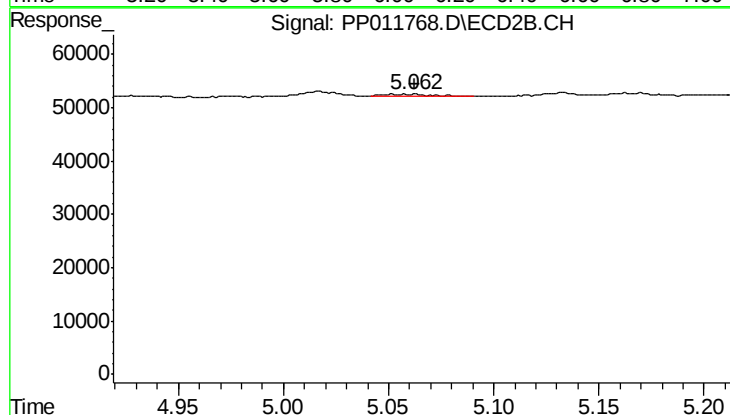
#11 AR-1232-1

R.T.: 4.565 min
Delta R.T.: -0.004 min
Response: 108228
Conc: 95.47 ng/ml



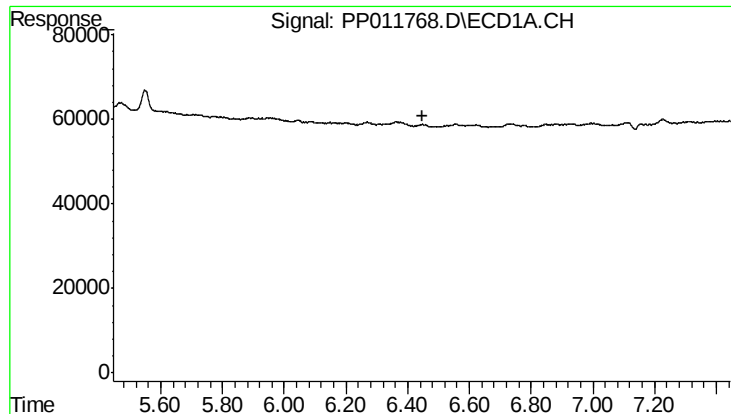
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 6.089 min
Response: 0
Conc: N.D.



#12 AR-1232-2

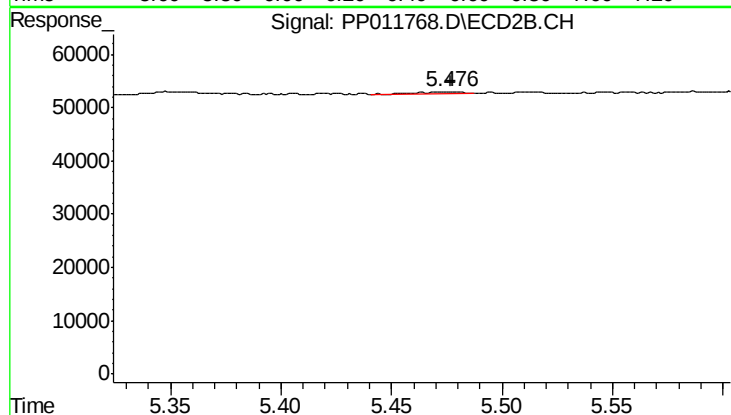
R.T.: 5.063 min
Delta R.T.: 0.000 min
Response: 7816
Conc: 13.29 ng/ml



#13 AR-1232-3

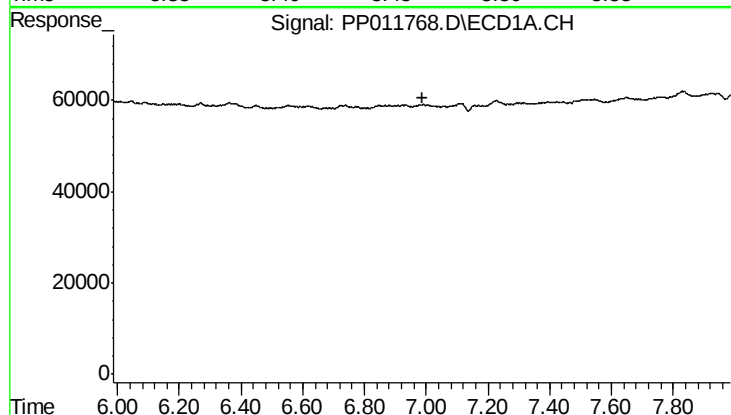
R.T.: 0.000 min
Exp R.T.: 6.446 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ WATER



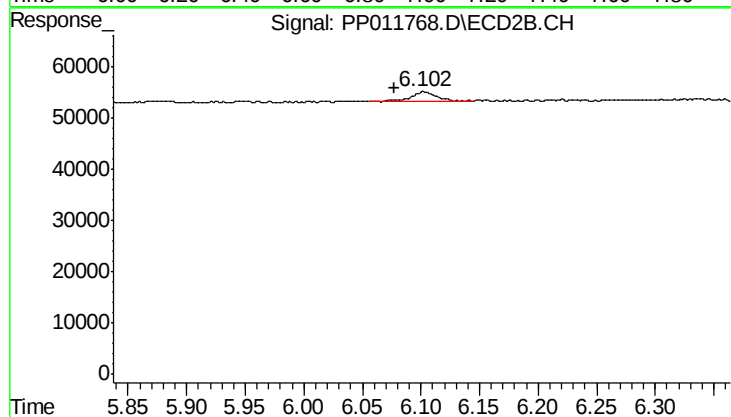
#13 AR-1232-3

R.T.: 5.476 min
Delta R.T.: -0.001 min
Response: 4789
Conc: 8.10 ng/ml



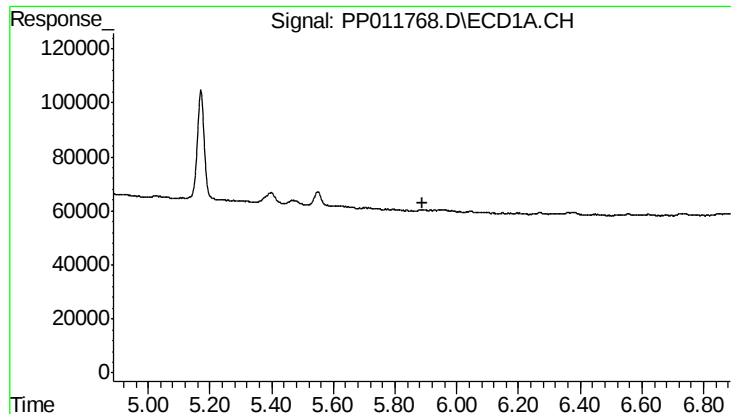
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 6.987 min
Response: 0
Conc: N.D.



#15 AR-1232-5

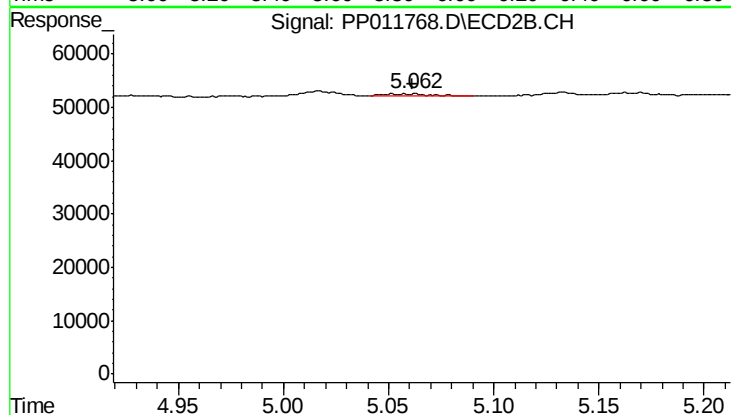
R.T.: 6.102 min
Delta R.T.: 0.025 min
Response: 28406
Conc: 41.81 ng/ml



#16 AR-1242-1

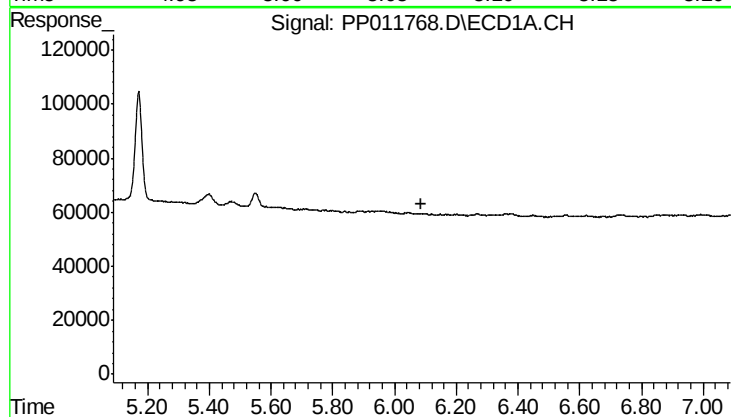
R.T.: 0.000 min
Exp R.T.: 5.887 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ WATER



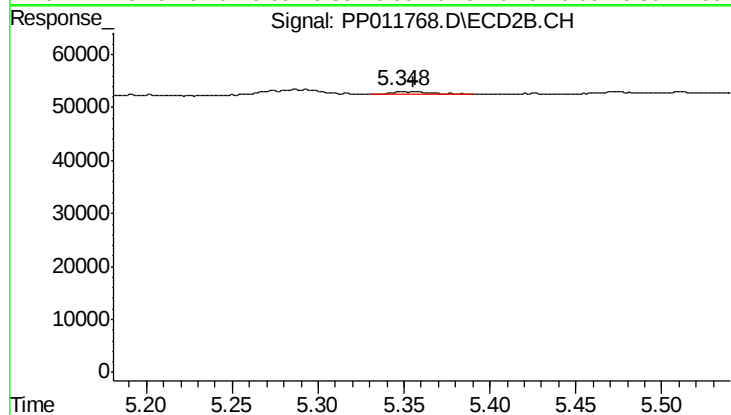
#16 AR-1242-1

R.T.: 5.063 min
Delta R.T.: 0.001 min
Response: 7816
Conc: 6.67 ng/ml



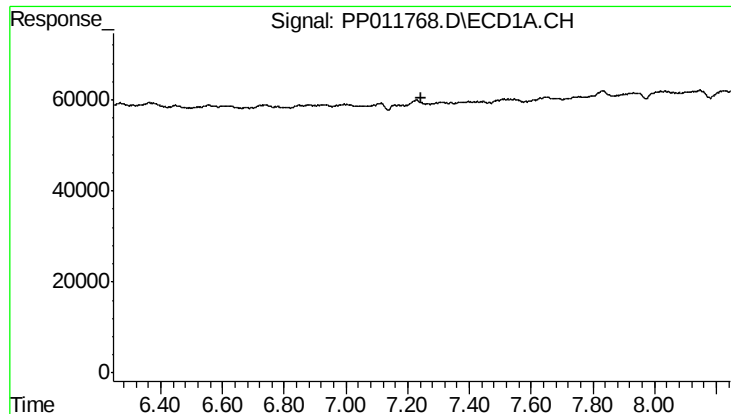
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 6.088 min
Response: 0
Conc: N.D.



#17 AR-1242-2

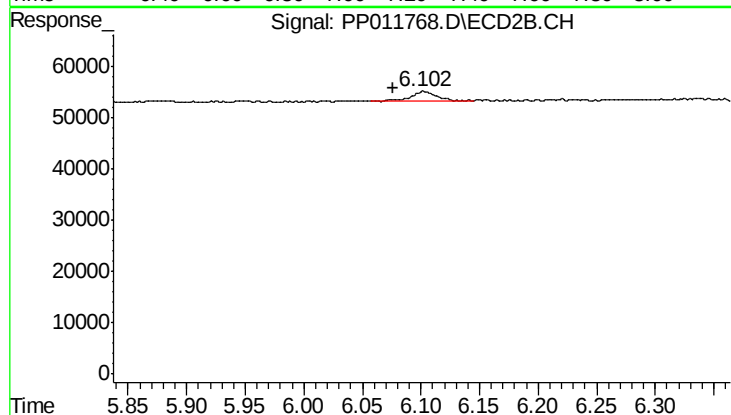
R.T.: 5.349 min
Delta R.T.: -0.007 min
Response: 8731
Conc: 5.25 ng/ml



#19 AR-1242-4

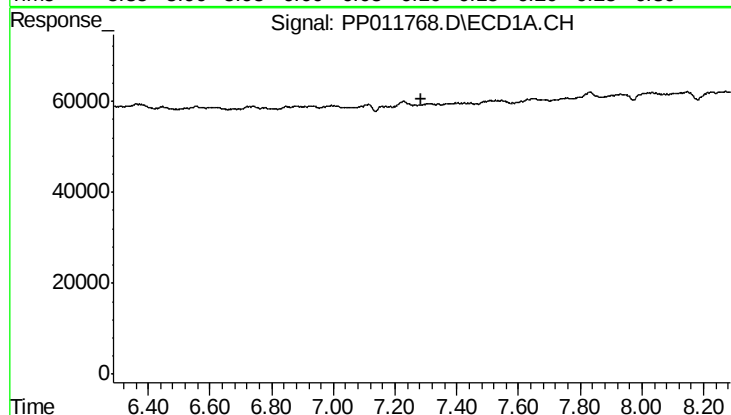
R.T.: 0.000 min
Exp R.T.: 7.246 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ WATER



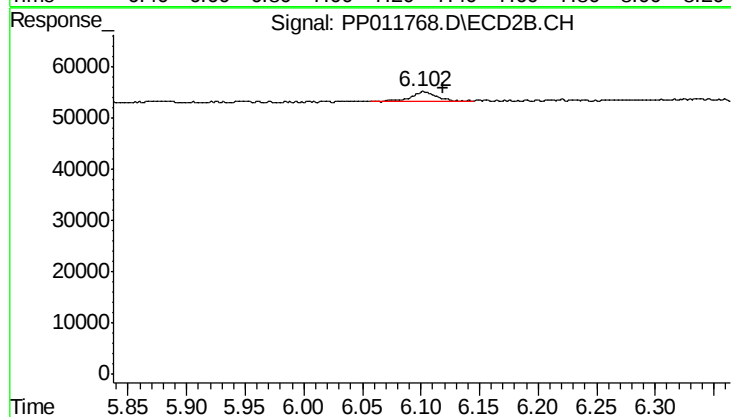
#19 AR-1242-4

R.T.: 6.102 min
Delta R.T.: 0.025 min
Response: 28406
Conc: 18.35 ng/ml



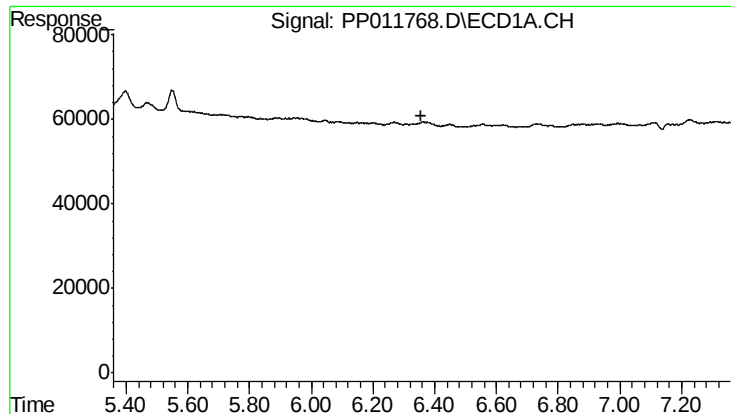
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 7.287 min
Response: 0
Conc: N.D.



#20 AR-1242-5

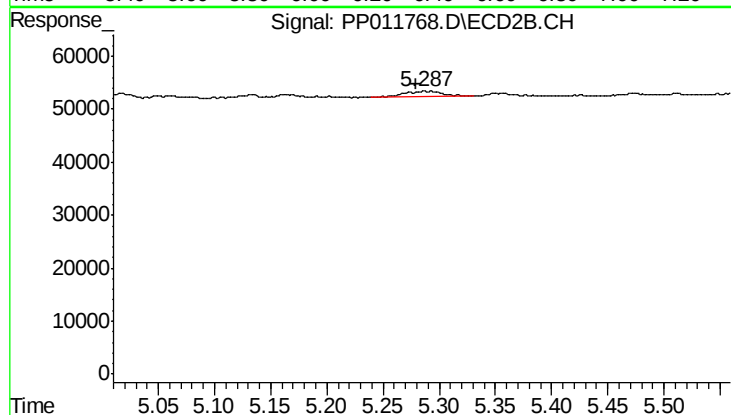
R.T.: 6.102 min
Delta R.T.: -0.017 min
Response: 28406
Conc: 21.54 ng/ml



#21 AR-1248-1

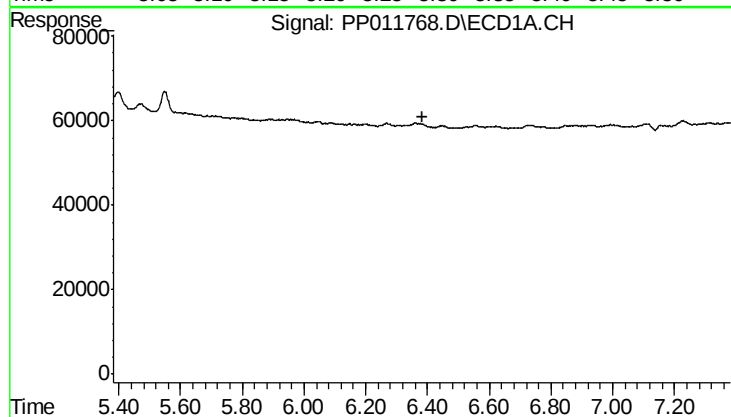
R.T.: 0.000 min
Exp R.T.: 6.358 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ WATER



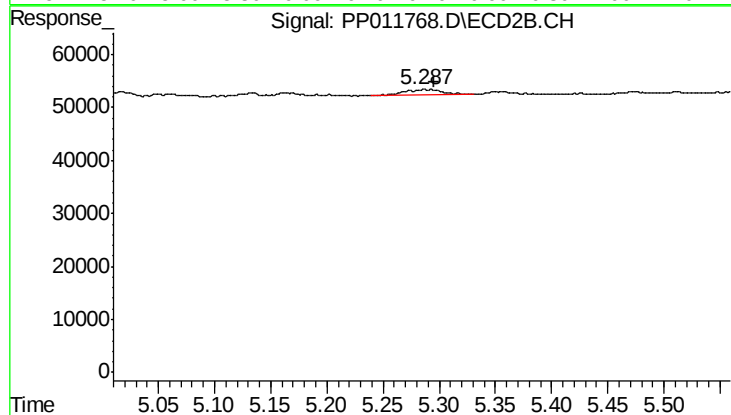
#21 AR-1248-1

R.T.: 5.287 min
Delta R.T.: 0.008 min
Response: 26132
Conc: 20.52 ng/ml



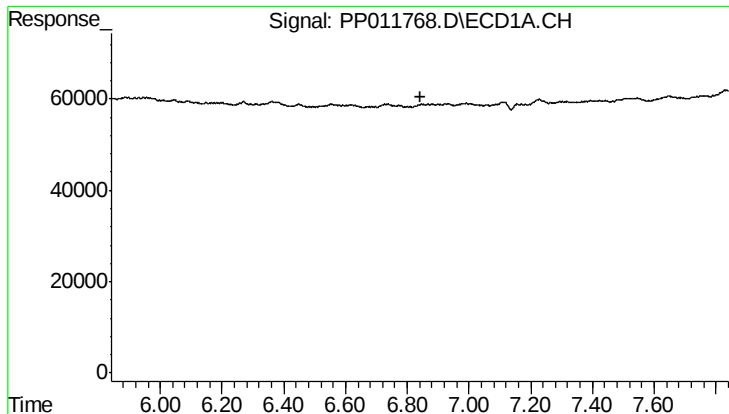
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 6.382 min
Response: 0
Conc: N.D.



#22 AR-1248-2

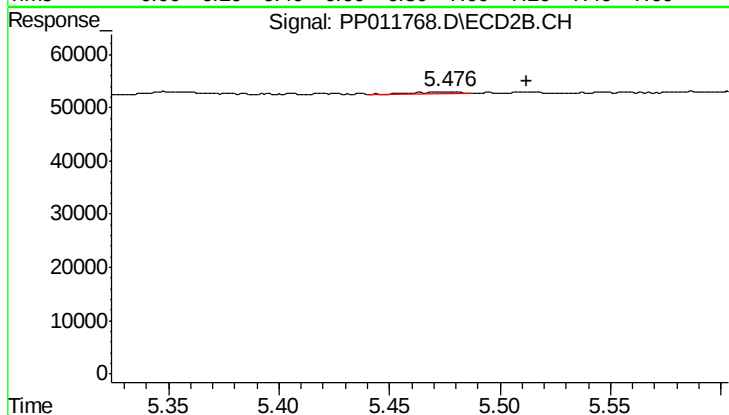
R.T.: 5.287 min
Delta R.T.: -0.008 min
Response: 26132
Conc: 22.13 ng/ml



#23 AR-1248-3

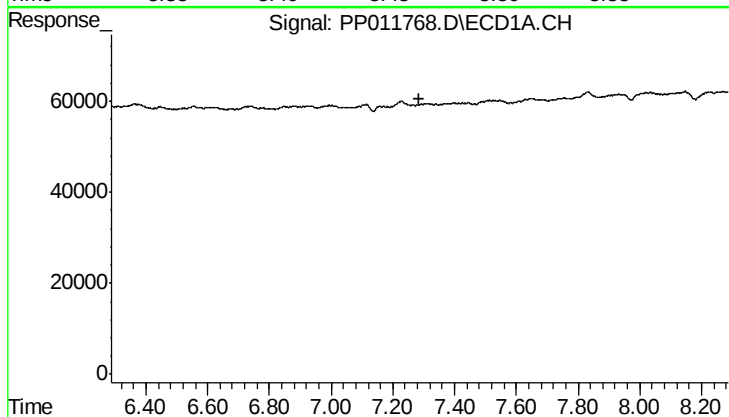
R.T.: 0.000 min
Exp R.T.: 6.841 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ WATER



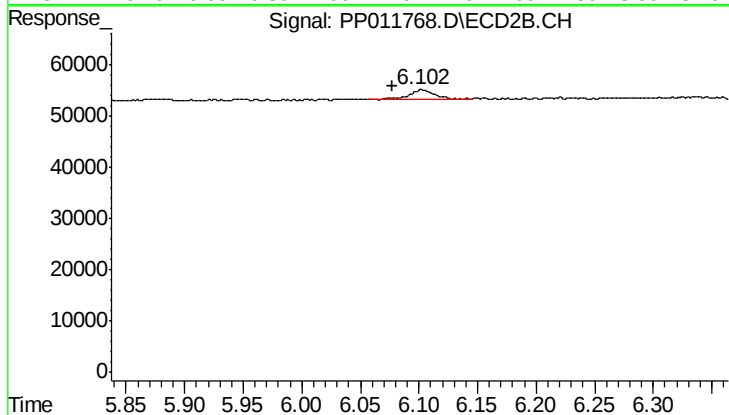
#23 AR-1248-3

R.T.: 5.476 min
Delta R.T.: -0.036 min
Response: 4789
Conc: 2.90 ng/ml



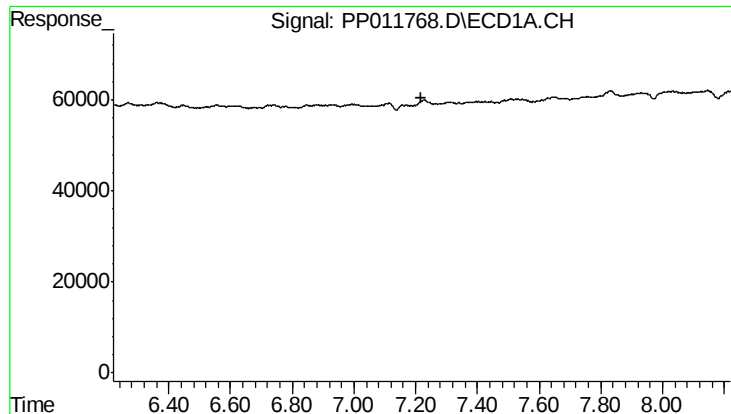
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T.: 7.288 min
Response: 0
Conc: N.D.



#25 AR-1248-5

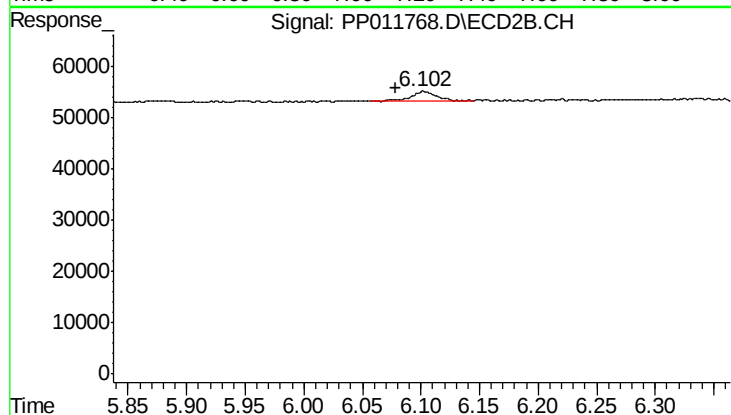
R.T.: 6.102 min
Delta R.T.: 0.024 min
Response: 28406
Conc: 9.70 ng/ml



#26 AR-1254-1

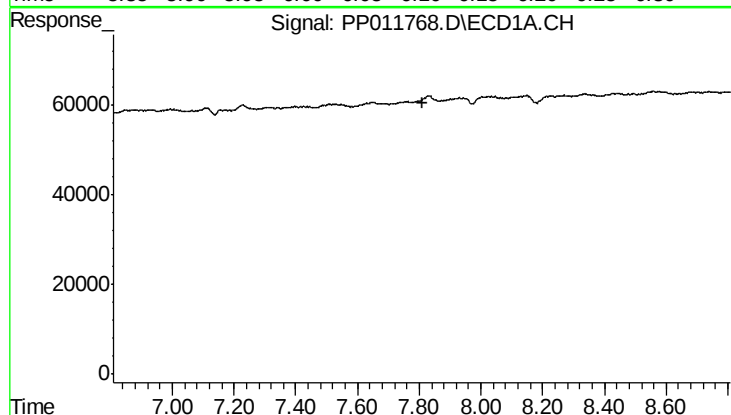
R.T.: 0.000 min
Exp R.T.: 7.220 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ WATER



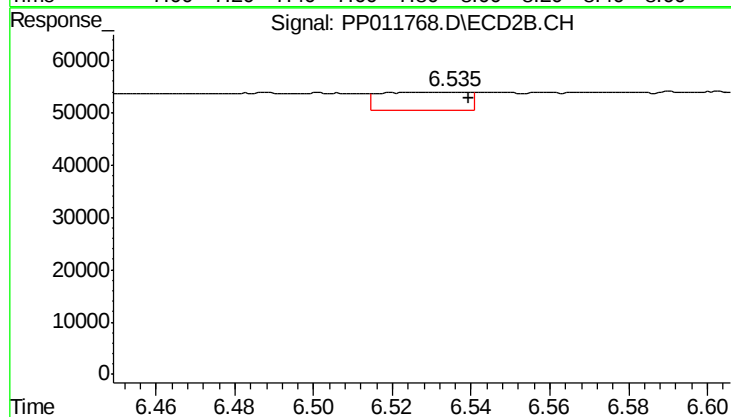
#26 AR-1254-1

R.T.: 6.102 min
Delta R.T.: 0.024 min
Response: 28406
Conc: 8.53 ng/ml



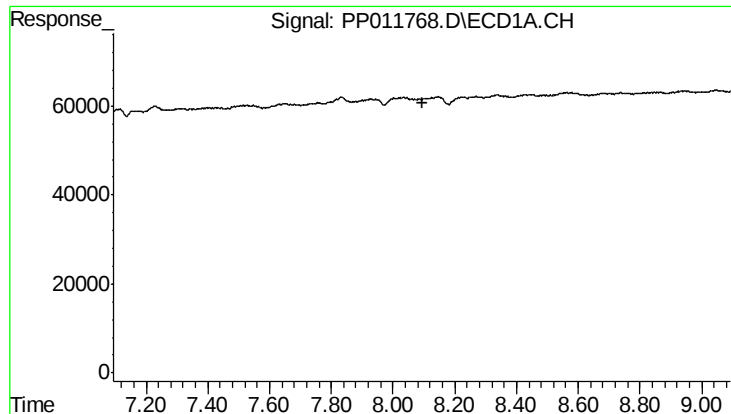
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T.: 7.809 min
Response: 0
Conc: N.D.



#28 AR-1254-3

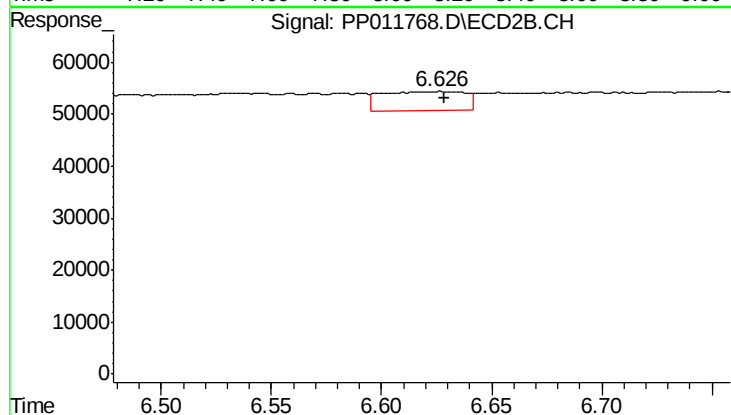
R.T.: 6.535 min
Delta R.T.: -0.004 min
Response: 54361
Conc: 23.06 ng/ml



#29 AR-1254-4

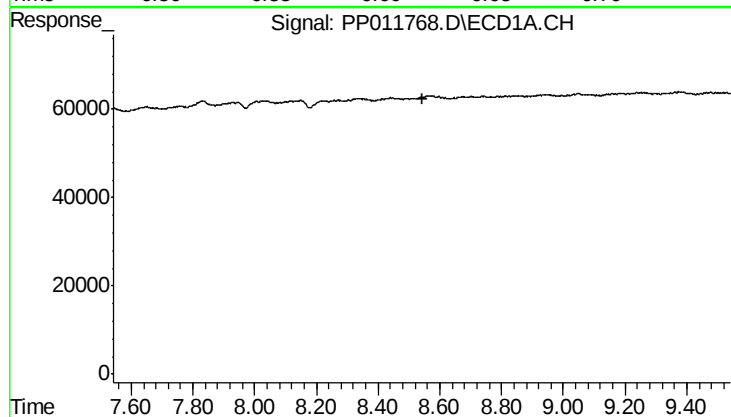
R.T.: 0.000 min
Exp R.T.: 8.094 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ WATER



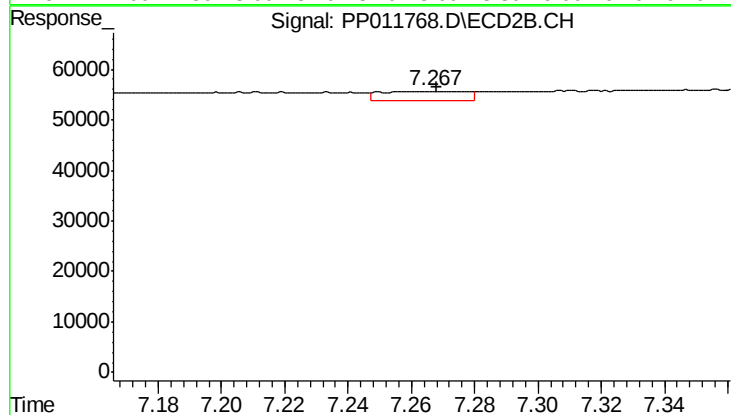
#29 AR-1254-4

R.T.: 6.627 min
Delta R.T.: -0.002 min
Response: 94591
Conc: 19.77 ng/ml



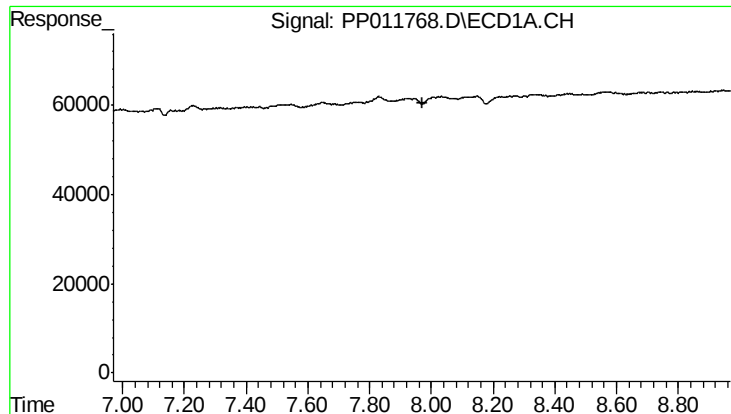
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 8.542 min
Response: 0
Conc: N.D.



#30 AR-1254-5

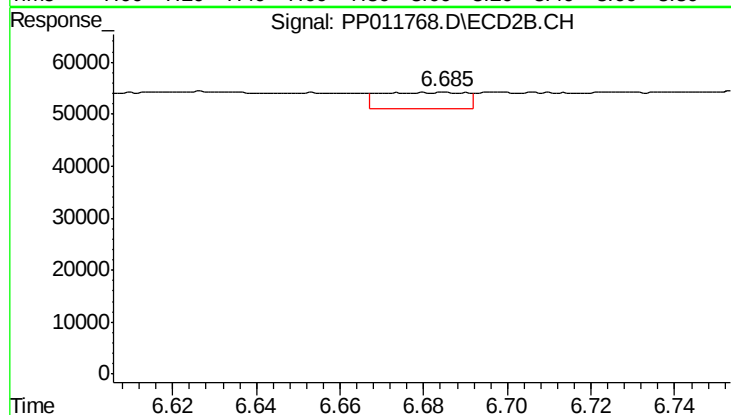
R.T.: 7.267 min
Delta R.T.: -0.001 min
Response: 33992
Conc: 8.18 ng/ml



#31 AR-1260-1

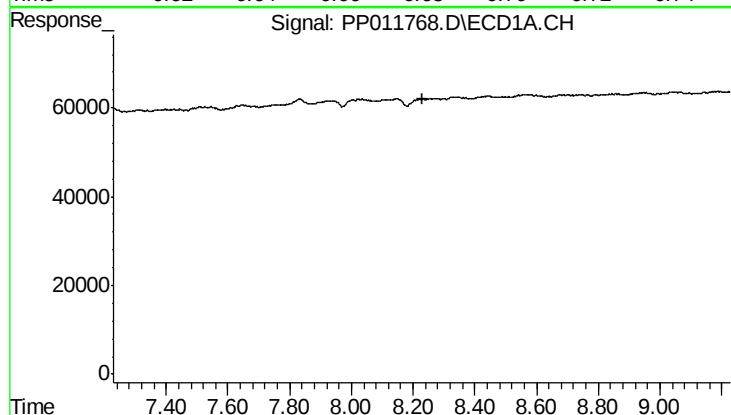
R.T.: 0.000 min
Exp R.T.: 7.970 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ WATER



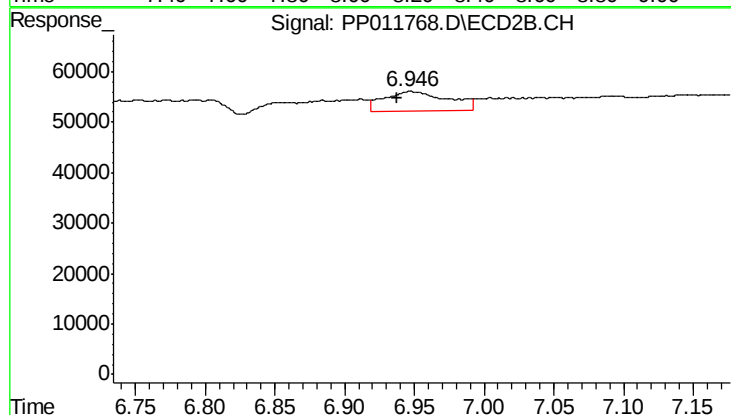
#31 AR-1260-1

R.T.: 6.685 min
Delta R.T.: -0.070 min
Response: 46051
Conc: 14.66 ng/ml



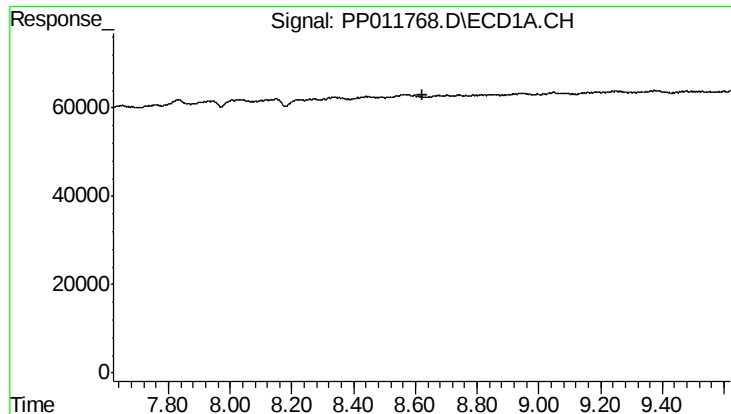
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 8.229 min
Response: 0
Conc: N.D.



#32 AR-1260-2

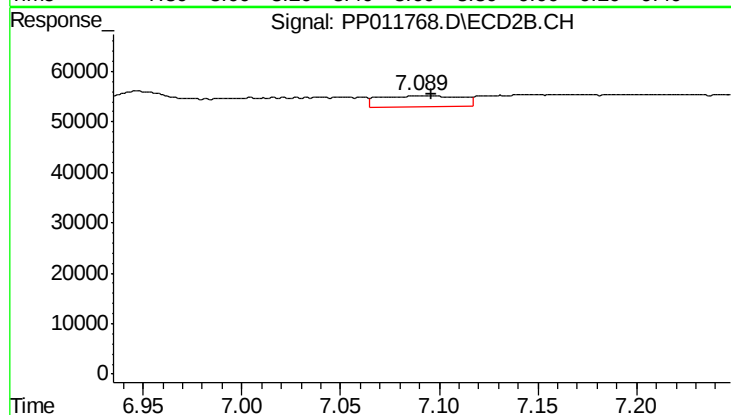
R.T.: 6.947 min
Delta R.T.: 0.010 min
Response: 125823
Conc: 32.54 ng/ml



#33 AR-1260-3

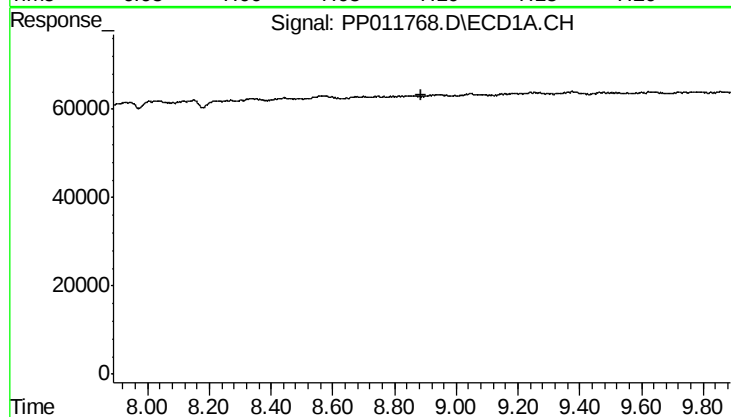
R.T.: 0.000 min
Exp R.T.: 8.621 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ WATER



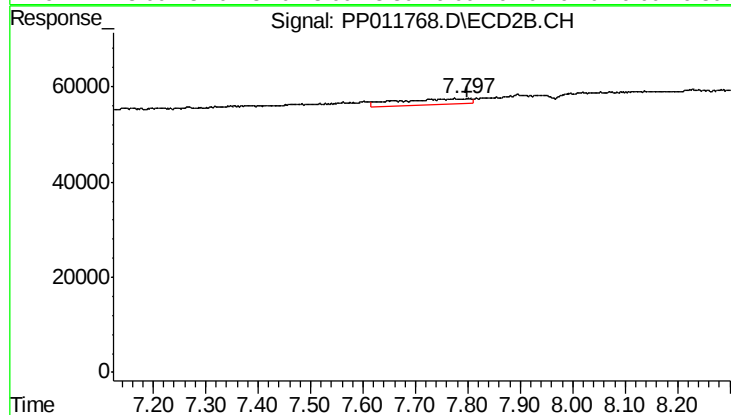
#33 AR-1260-3

R.T.: 7.091 min
Delta R.T.: -0.006 min
Response: 64948
Conc: 18.48 ng/ml



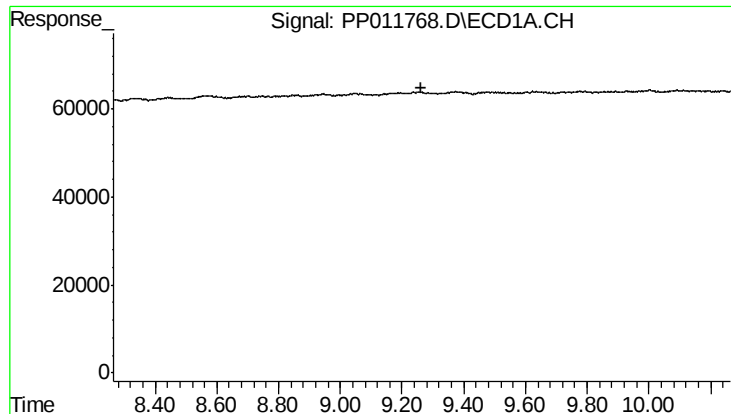
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 8.889 min
Response: 0
Conc: N.D.



#34 AR-1260-4

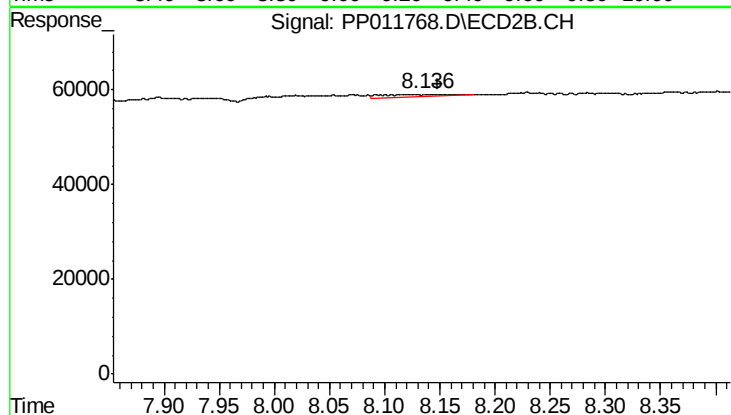
R.T.: 7.802 min
Delta R.T.: 0.003 min
Response: 121505
Conc: 17.59 ng/ml



#35 AR-1260-5

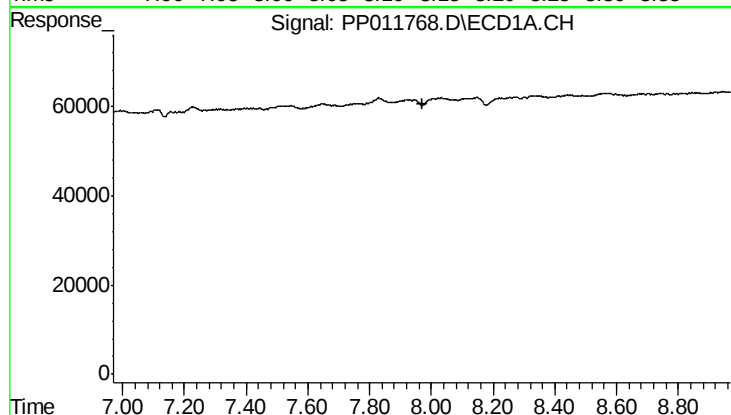
R.T.: 0.000 min
Exp R.T.: 9.265 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ WATER



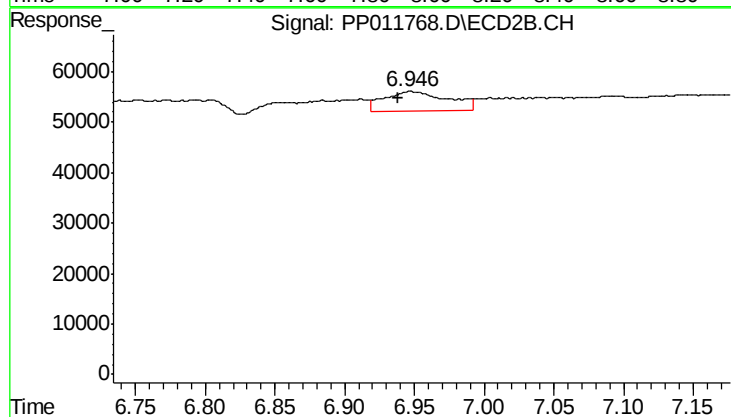
#35 AR-1260-5

R.T.: 8.127 min
Delta R.T.: -0.022 min
Response: 20849
Conc: 4.12 ng/ml



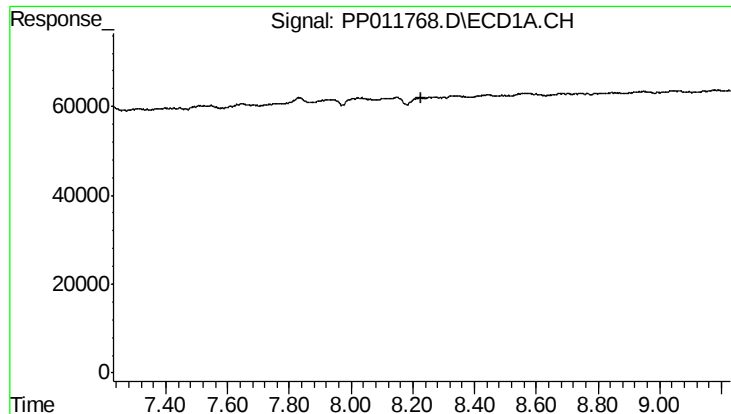
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 7.970 min
Response: 0
Conc: N.D.



#36 AR-1262-1

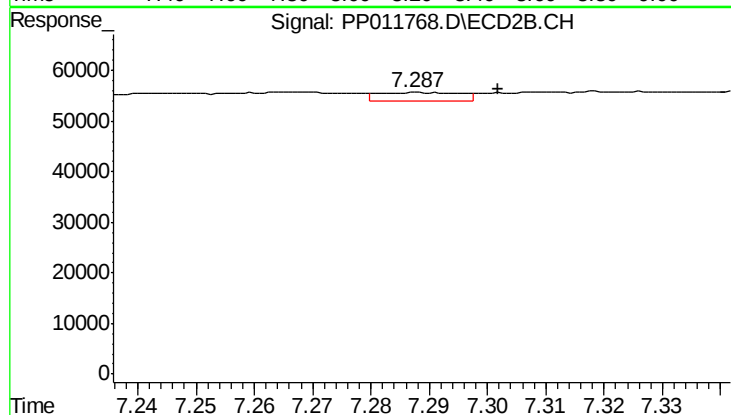
R.T.: 6.947 min
Delta R.T.: 0.009 min
Response: 125823
Conc: 34.76 ng/ml



#37 AR-1262-2

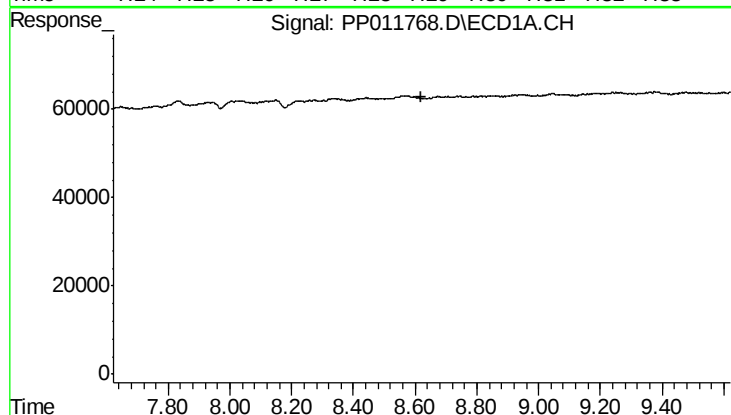
R.T.: 0.000 min
Exp R.T.: 8.230 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ WATER



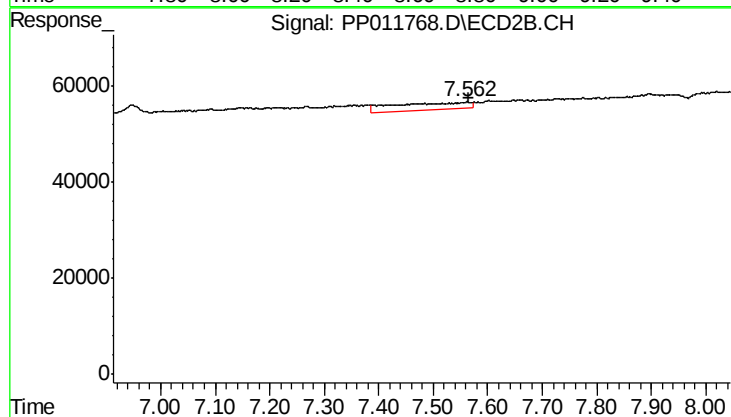
#37 AR-1262-2

R.T.: 7.289 min
Delta R.T.: -0.013 min
Response: 17291
Conc: 3.28 ng/ml



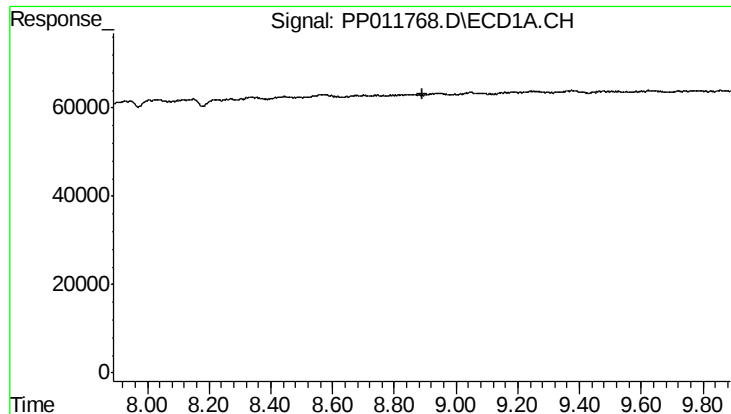
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.622 min
Response: 0
Conc: N.D.



#38 AR-1262-3

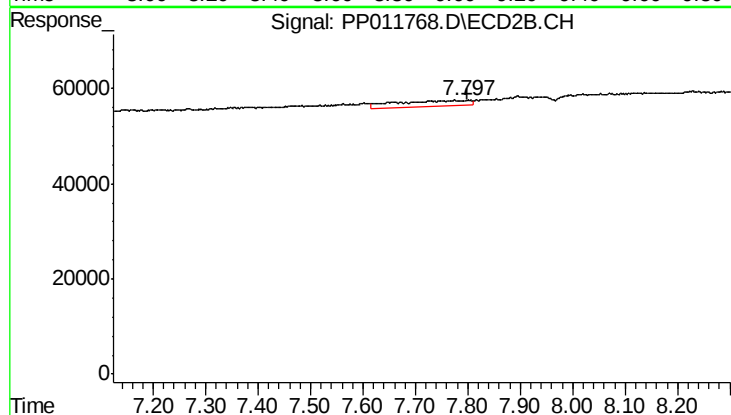
R.T.: 7.563 min
Delta R.T.: 0.000 min
Response: 150162
Conc: 34.07 ng/ml



#39 AR-1262-4

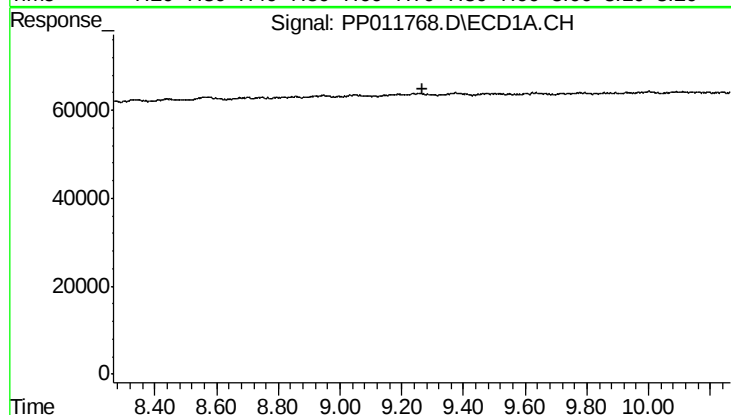
R.T.: 0.000 min
Exp R.T.: 8.890 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ WATER



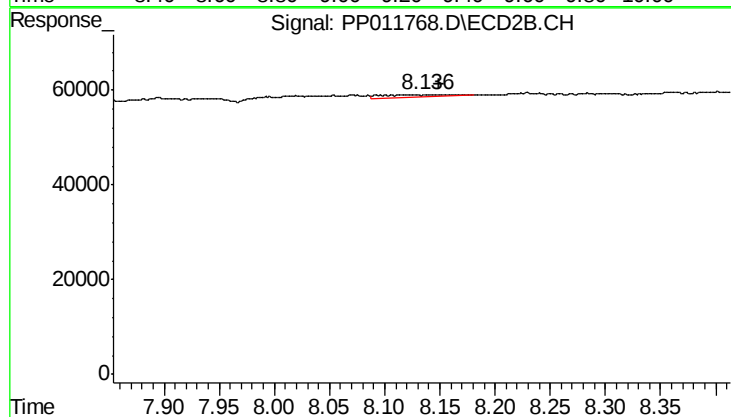
#39 AR-1262-4

R.T.: 7.802 min
Delta R.T.: 0.003 min
Response: 121505
Conc: 13.00 ng/ml



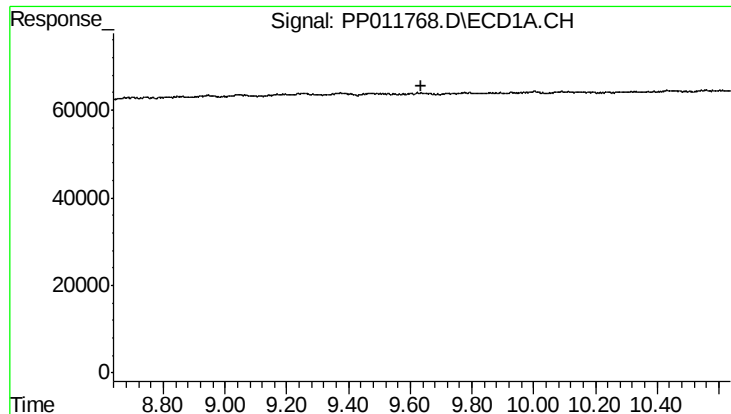
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.266 min
Response: 0
Conc: N.D.



#40 AR-1262-5

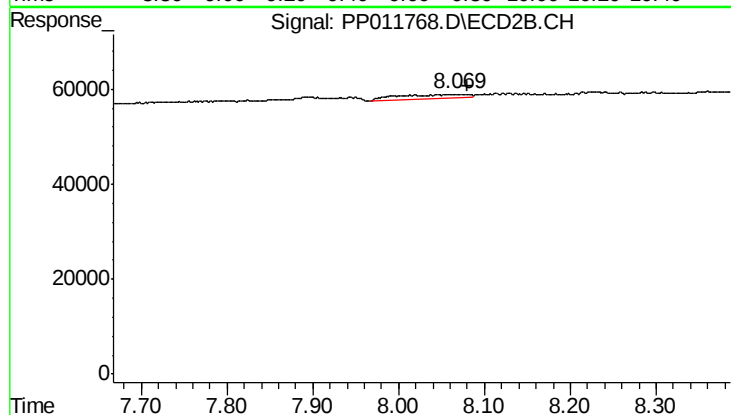
R.T.: 8.127 min
Delta R.T.: -0.022 min
Response: 20849
Conc: 3.03 ng/ml



#41 AR-1268-1

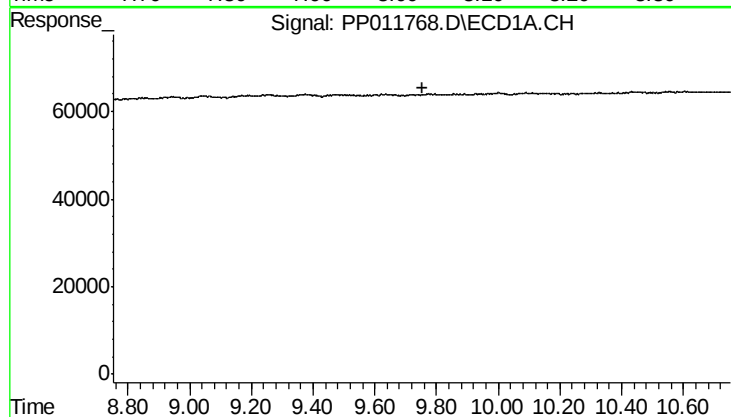
R.T.: 0.000 min
Exp R.T.: 9.638 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ WATER



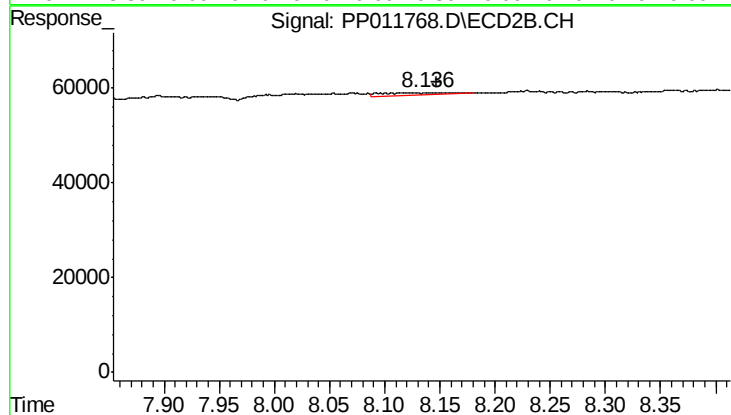
#41 AR-1268-1

R.T.: 8.071 min
Delta R.T.: -0.009 min
Response: 54041
Conc: 6.31 ng/ml



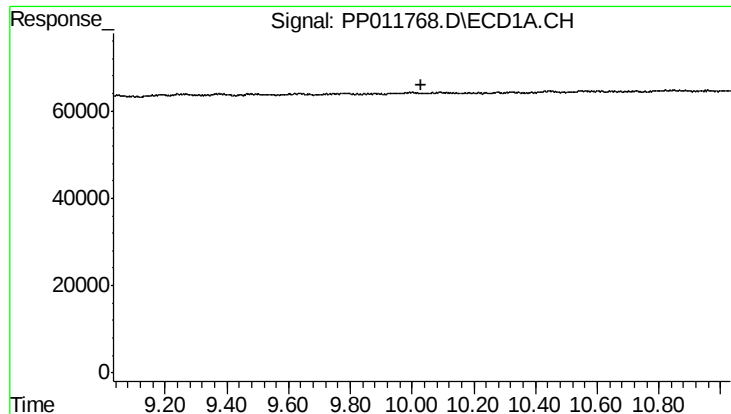
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.753 min
Response: 0
Conc: N.D.



#42 AR-1268-2

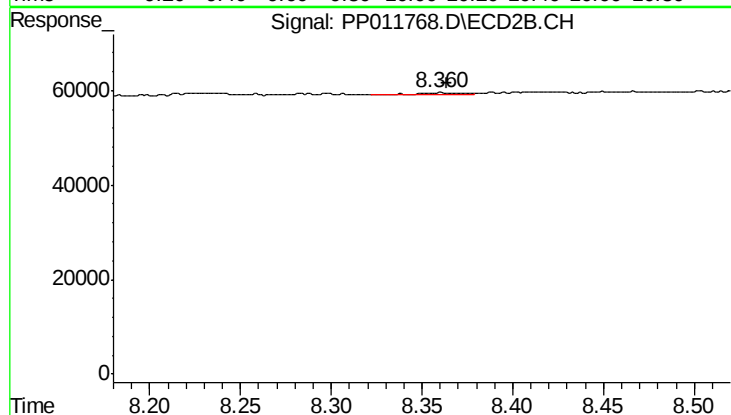
R.T.: 8.127 min
Delta R.T.: -0.020 min
Response: 20849
Conc: 2.42 ng/ml



#43 AR-1268-3

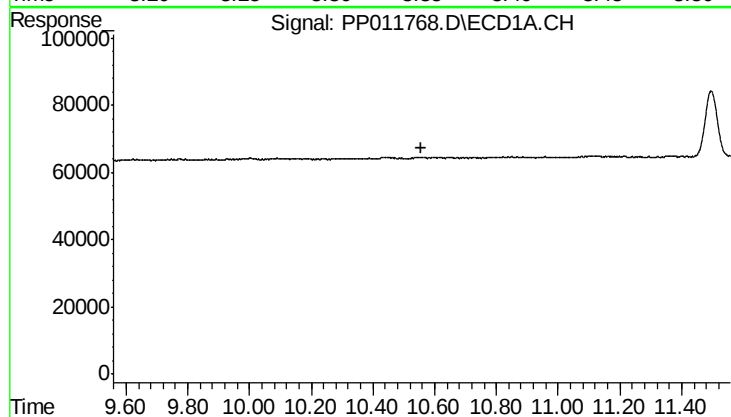
R.T.: 0.000 min
Exp R.T.: 10.032 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ WATER



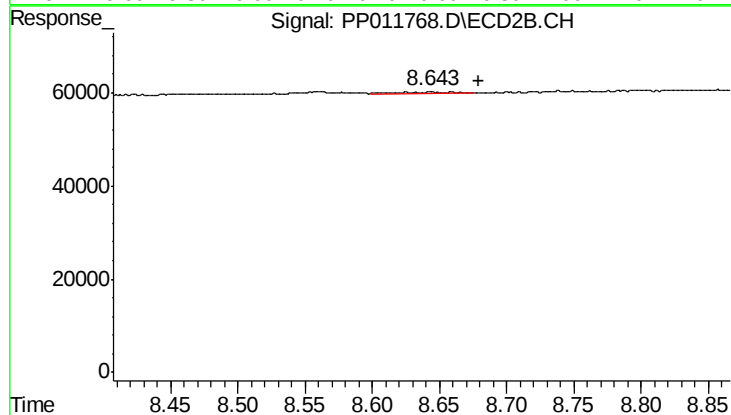
#43 AR-1268-3

R.T.: 8.361 min
Delta R.T.: -0.003 min
Response: 6966
Conc: 1.13 ng/ml



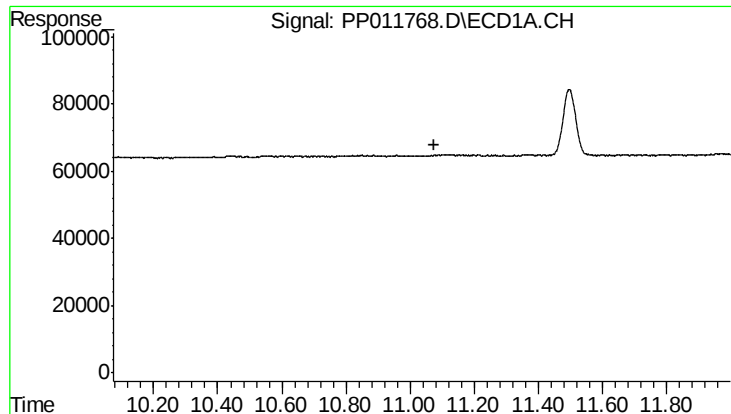
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 10.558 min
Response: 0
Conc: N.D.



#44 AR-1268-4

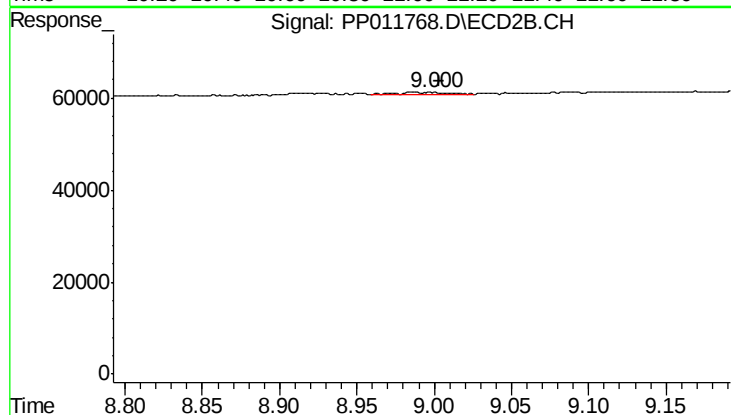
R.T.: 8.644 min
Delta R.T.: -0.035 min
Response: 9424
Conc: 3.62 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.074 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ WATER



#45 AR-1268-5

R.T.: 8.997 min
Delta R.T.: -0.006 min
Response: 10880
Conc: 0.62 ng/ml