

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081324\
 Data File : PQ067938.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Aug 2024 07:11
 Operator : YP\AJ
 Sample : P3536-01
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 MANHOLE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 13 10:22:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080524.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 09 02:37:44 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.458	2.825	131.2E6	146.1E6	22.115	23.036
2) SA Decachlor...	8.739	7.607	84976077	120.0E6	22.054	21.292
Target Compounds						
3) L1 AR-1016-1	4.534f	3.823	698076	2756103	4.223	15.637 #
4) L1 AR-1016-2	0.000	3.853	0	4051890	N.D.	13.896 #
5) L1 AR-1016-3	0.000	4.004	0	2716286	N.D.	17.254 #
6) L1 AR-1016-4	0.000	4.060	0	3002527	N.D.	20.205 #
7) L1 AR-1016-5	0.000	4.260	0	644737	N.D.	3.769 #
8) L2 AR-1221-1	3.647	3.031	1640242	319045	21.900	4.316 #
9) L2 AR-1221-2	3.740	3.113	1985496	214951	34.714	3.859 #
10) L2 AR-1221-3	0.000	3.174	0	1337526	N.D.	7.399 #
11) L3 AR-1232-1	0.000	3.174	0	1337526	N.D.	9.103 #
12) L3 AR-1232-2	0.000	3.853	0	4051890	N.D.	29.869 #
13) L3 AR-1232-3	0.000	4.004	0	2716286	N.D.	35.866 #
14) L3 AR-1232-4	0.000	4.117	0	763696	N.D.	11.065 #
15) L3 AR-1232-5	0.000	4.260	0	644737	N.D.	8.480 #
16) L4 AR-1242-1	4.534f	3.823	698076	2756103	5.187	19.227 #
17) L4 AR-1242-2	0.000	3.853	0	4051890	N.D.	17.292 #
18) L4 AR-1242-3	0.000	4.004	0	2716286	N.D.	21.039 #
19) L4 AR-1242-4	0.000	4.117	0	763696	N.D.	5.848 #
20) L4 AR-1242-5	0.000	4.590	0	1820432	N.D.	11.912 #
21) L5 AR-1248-1	4.534f	3.823	698076	2756103	6.686	24.237 #
22) L5 AR-1248-2	0.000	4.060	0	3002527	N.D.	14.344 #
23) L5 AR-1248-3	0.000	4.117	0	763696	N.D.	3.858 #
24) L5 AR-1248-4	0.000	4.260	0	644737	N.D.	2.734 #
25) L5 AR-1248-5	0.000	4.632	0	485228	N.D.	2.517 #
26) L6 AR-1254-1	0.000	4.590	0	1820432	N.D.	5.420 #
27) L6 AR-1254-2	0.000	4.760	0	3125223	N.D.	10.155 #
28) L6 AR-1254-3	0.000	5.125	0	1474297	N.D.	3.305 #
29) L6 AR-1254-4	6.242f	5.332	1911384	4141088	9.536	18.359 #
30) L6 AR-1254-5	0.000	5.755	0	3504953	N.D.	8.522 #
31) L7 AR-1260-1	0.000	5.259	0	1416317	N.D.	4.167 #
32) L7 AR-1260-2	6.466f	5.445	1721000	718391	5.338	1.835 #
33) L7 AR-1260-3	0.000	5.600	0	4774794	N.D.	12.706 #
34) L7 AR-1260-4	6.962f	6.047	1436386	2164559	5.631	7.482 #
35) L7 AR-1260-5	0.000	6.316	0	1097784	N.D.	1.843 #
36) L8 AR-1262-1	0.000	5.789	0	2676254	N.D.	5.993 #
37) L8 AR-1262-2	0.000	6.316	0	1097784	N.D.	1.605 #
38) L8 AR-1262-3	0.000	6.571	0	3363640	N.D.	11.133 #
39) L8 AR-1262-4	0.000	6.615	0	1829036	N.D.	3.475 #
40) L8 AR-1262-5	0.000	7.150	0	397889	N.D.	1.858 #
41) L9 AR-1268-1	0.000	6.571	0	3363640	N.D.	3.997 #

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Integration File signal 1: autoint1.e
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 Quant Time: Aug 13 10:22:22 2024
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 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 09 02:37:44 2024
 Response via : Initial Calibration
 Integrator: ChemStation

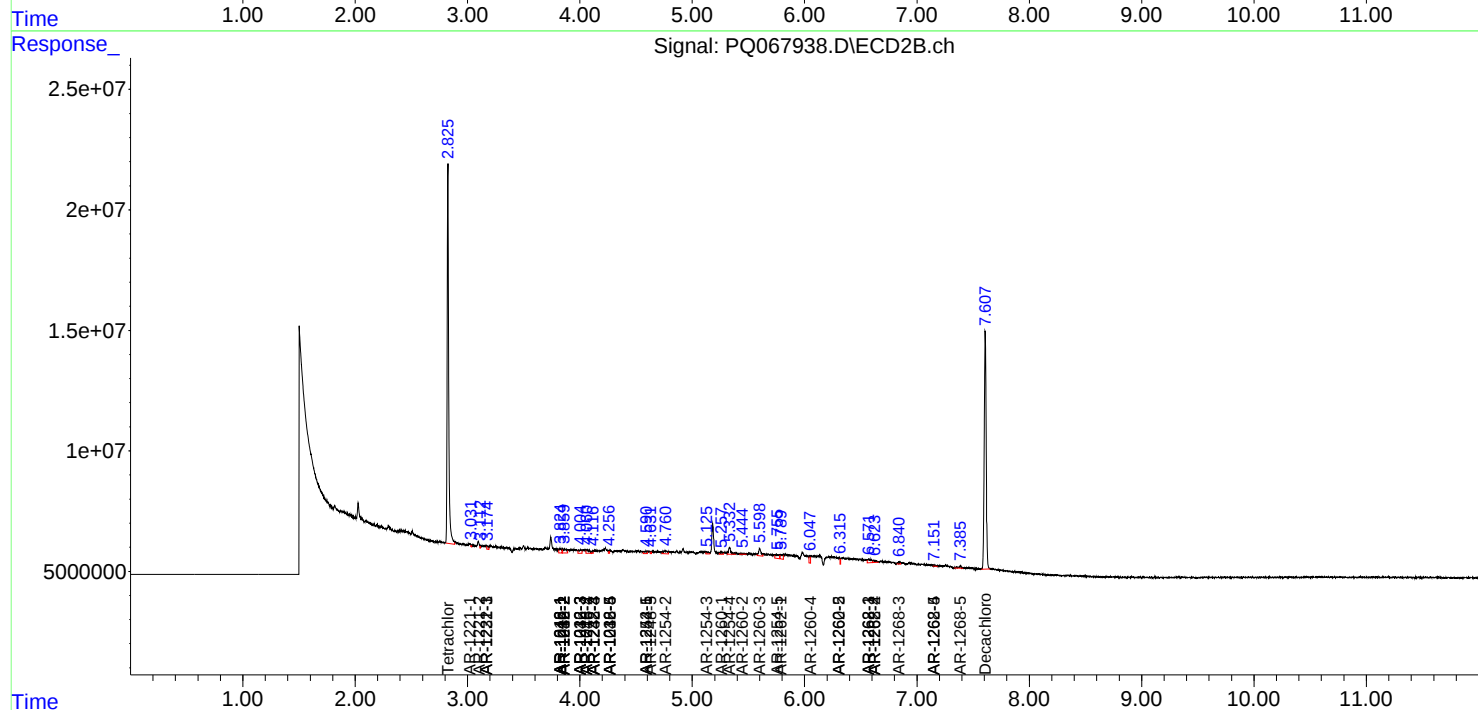
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

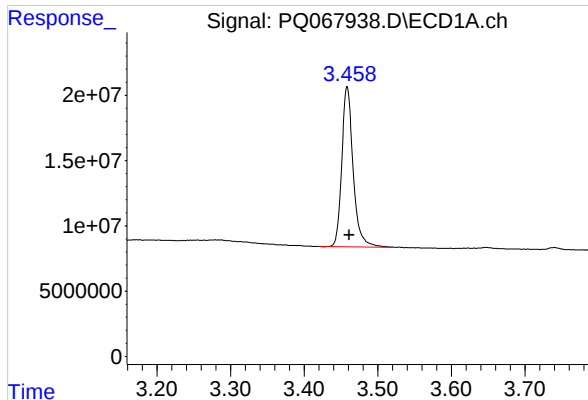
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	6.615	0	1829036	N.D.	2.388 #
43) L9	AR-1268-3	0.000	6.839	0	989955	N.D.	1.419 #
44) L9	AR-1268-4	0.000	7.150	0	397889	N.D.	1.693 #
45) L9	AR-1268-5	0.000	7.389	0	1380504	N.D.	0.720 #

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

Instrument :
ECD_Q
ClientSampleId :
MANHOLE

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

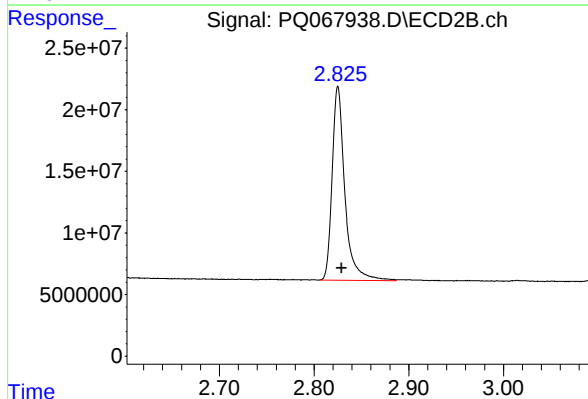




#1 Tetrachloro-m-xylene

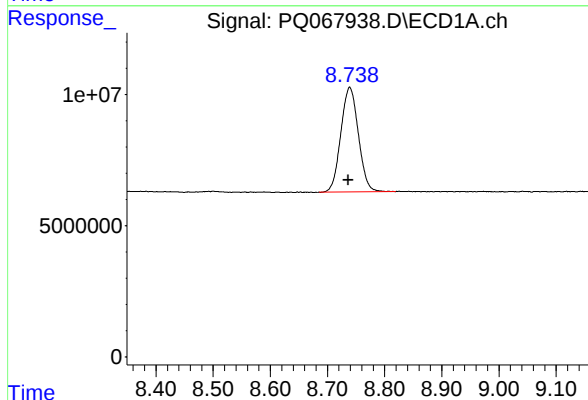
R.T.: 3.458 min
Delta R.T.: -0.002 min
Response: 131211876
Conc: 22.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MANHOLE



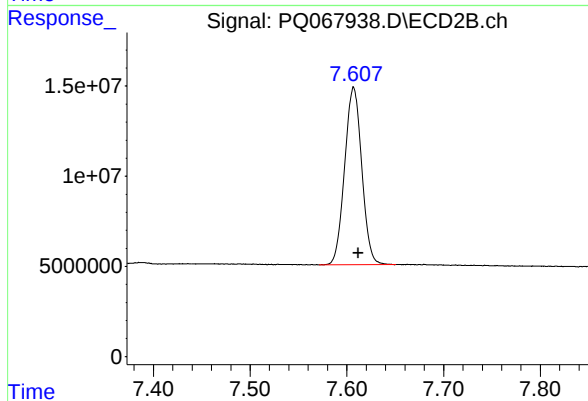
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: -0.004 min
Response: 146098547
Conc: 23.04 ng/ml



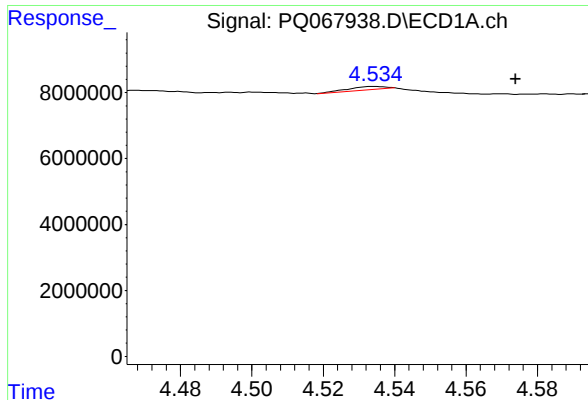
#2 Decachlorobiphenyl

R.T.: 8.739 min
Delta R.T.: 0.003 min
Response: 84976077
Conc: 22.05 ng/ml



#2 Decachlorobiphenyl

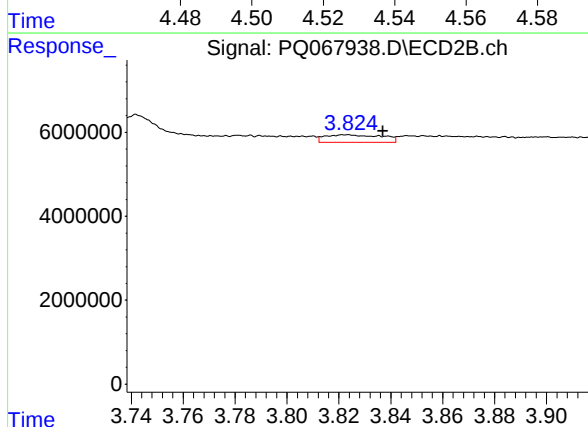
R.T.: 7.607 min
Delta R.T.: -0.005 min
Response: 120002540
Conc: 21.29 ng/ml



#3 AR-1016-1

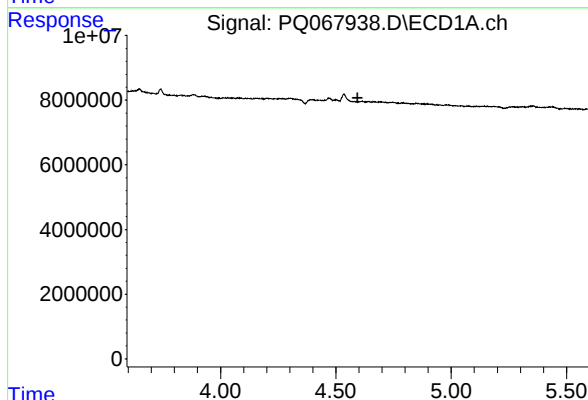
R.T.: 4.534 min
Delta R.T.: -0.040 min
Response: 698076
Conc: 4.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MANHOLE



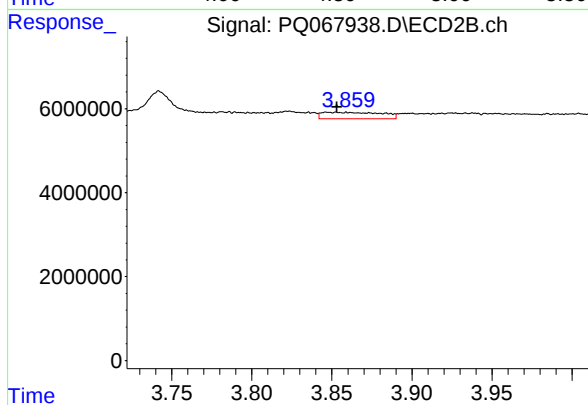
#3 AR-1016-1

R.T.: 3.823 min
Delta R.T.: -0.014 min
Response: 2756103
Conc: 15.64 ng/ml



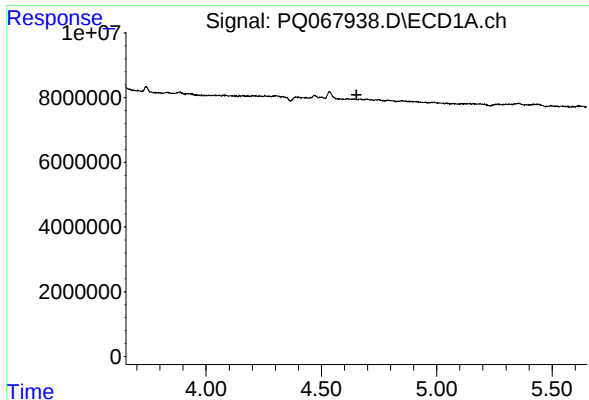
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 4.594 min
Response: 0
Conc: N.D.



#4 AR-1016-2

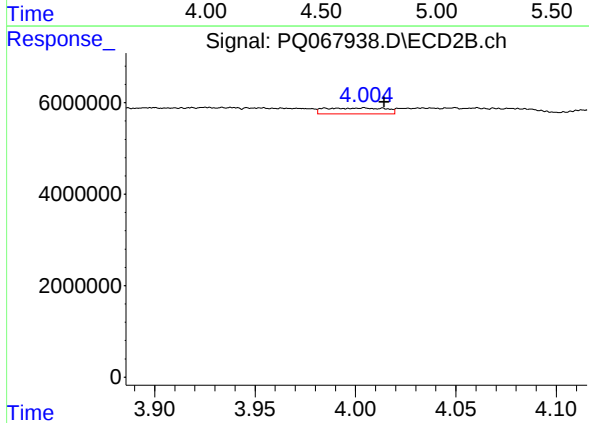
R.T.: 3.853 min
Delta R.T.: 0.000 min
Response: 4051890
Conc: 13.90 ng/ml



#5 AR-1016-3

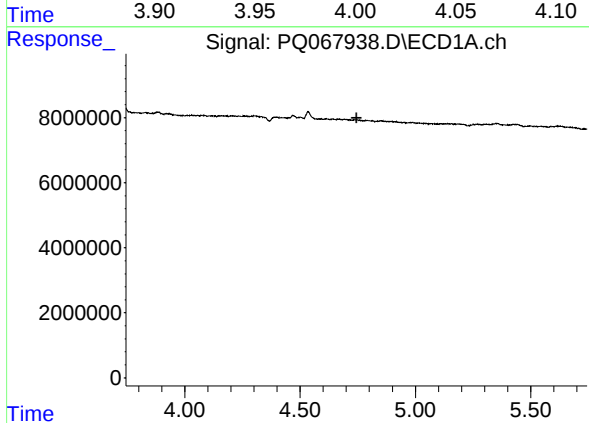
R.T.: 0.000 min
Exp R.T.: 4.652 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MANHOLE



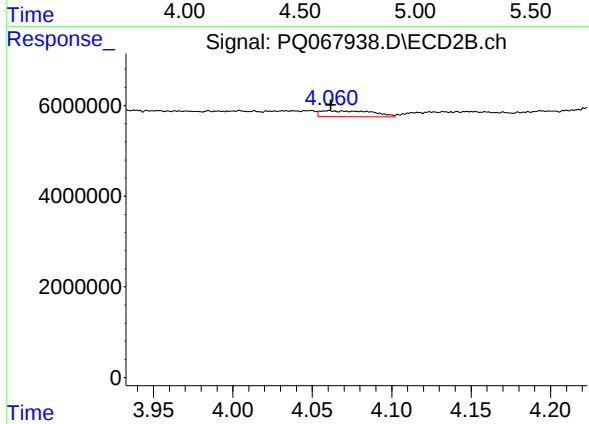
#5 AR-1016-3

R.T.: 4.004 min
Delta R.T.: -0.010 min
Response: 2716286
Conc: 17.25 ng/ml



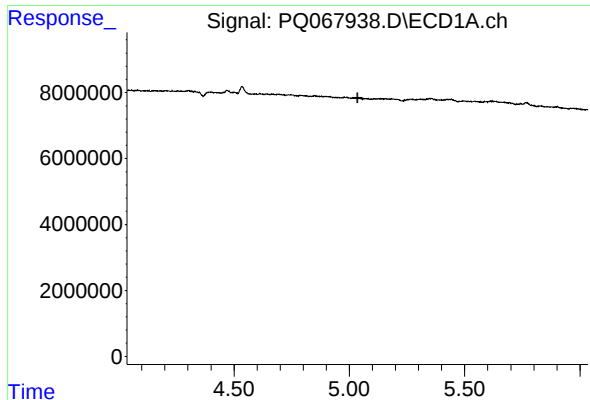
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 4.745 min
Response: 0
Conc: N.D.



#6 AR-1016-4

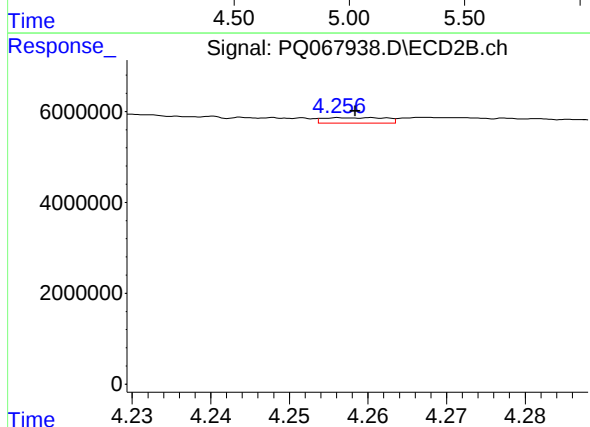
R.T.: 4.060 min
Delta R.T.: -0.001 min
Response: 3002527
Conc: 20.21 ng/ml



#7 AR-1016-5

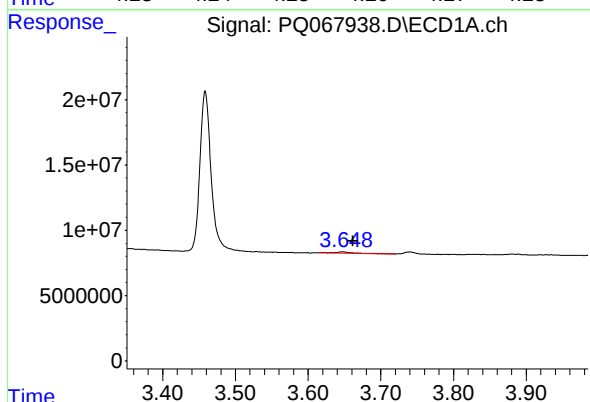
R.T.: 0.000 min
Exp R.T.: 5.036 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MANHOLE



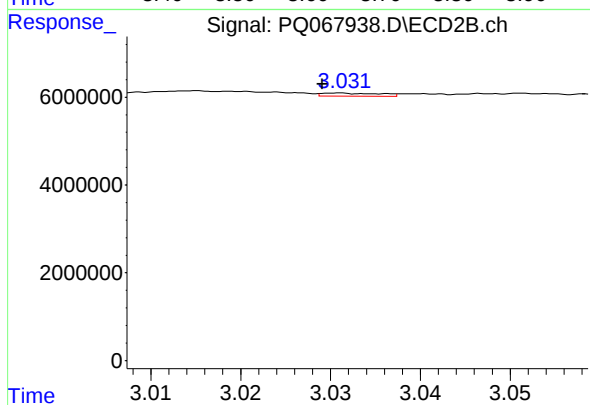
#7 AR-1016-5

R.T.: 4.260 min
Delta R.T.: 0.002 min
Response: 644737
Conc: 3.77 ng/ml



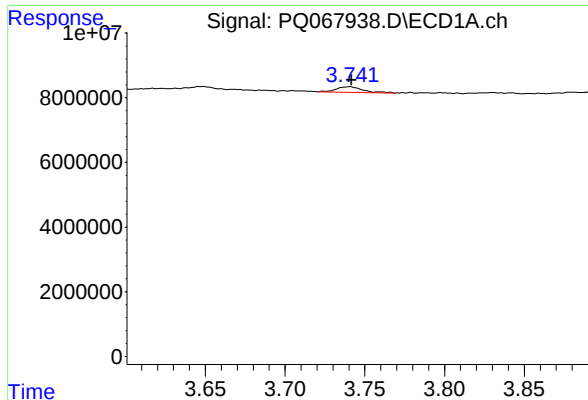
#8 AR-1221-1

R.T.: 3.647 min
Delta R.T.: -0.014 min
Response: 1640242
Conc: 21.90 ng/ml



#8 AR-1221-1

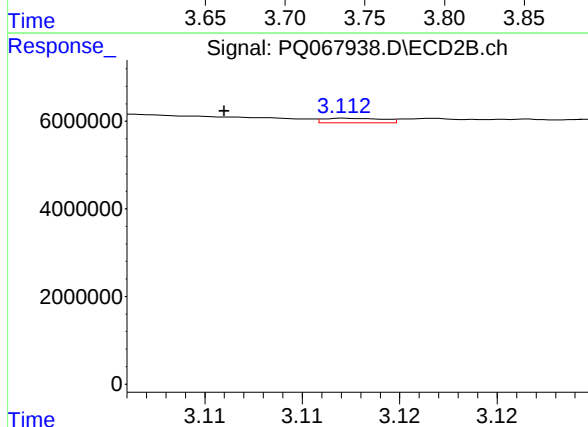
R.T.: 3.031 min
Delta R.T.: 0.002 min
Response: 319045
Conc: 4.32 ng/ml



#9 AR-1221-2

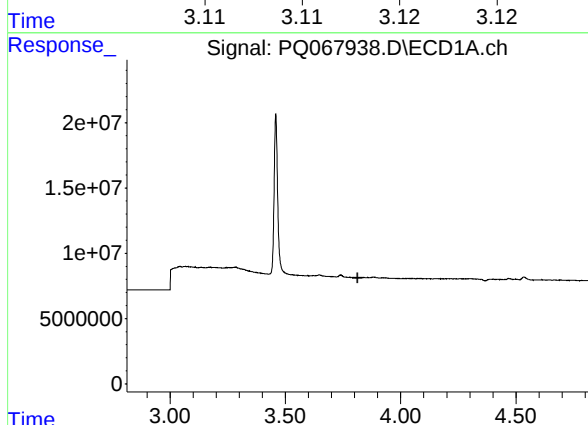
R.T.: 3.740 min
Delta R.T.: -0.001 min
Response: 1985496
Conc: 34.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MANHOLE



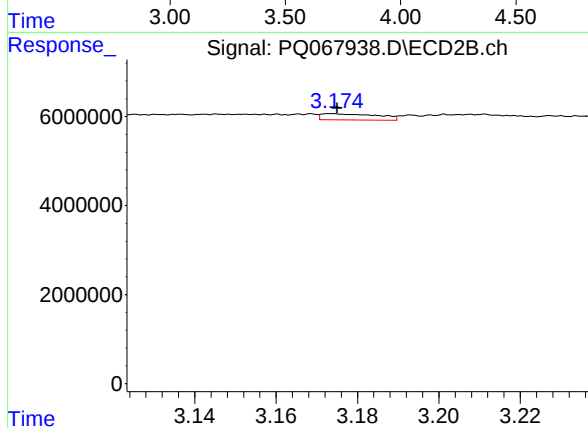
#9 AR-1221-2

R.T.: 3.113 min
Delta R.T.: 0.007 min
Response: 214951
Conc: 3.86 ng/ml



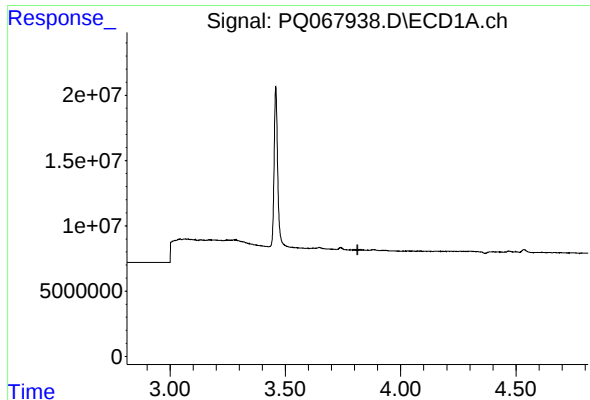
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 3.813 min
Response: 0
Conc: N.D.



#10 AR-1221-3

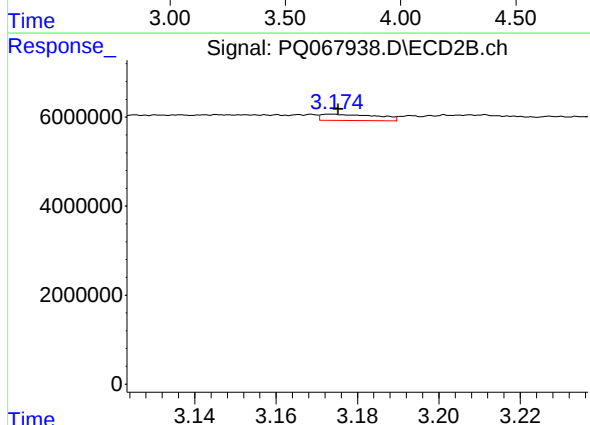
R.T.: 3.174 min
Delta R.T.: -0.001 min
Response: 1337526
Conc: 7.40 ng/ml



#11 AR-1232-1

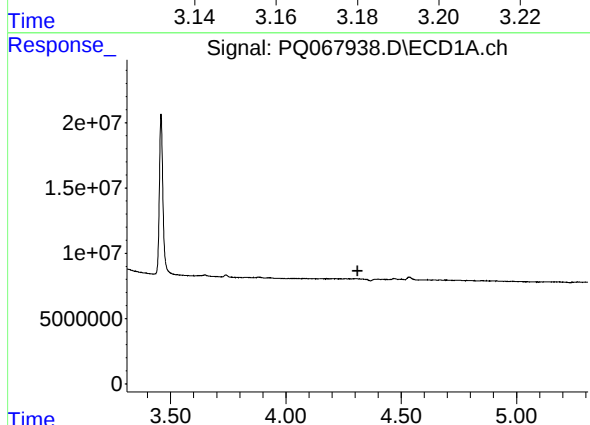
R.T.: 0.000 min
Exp R.T.: 3.813 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MANHOLE



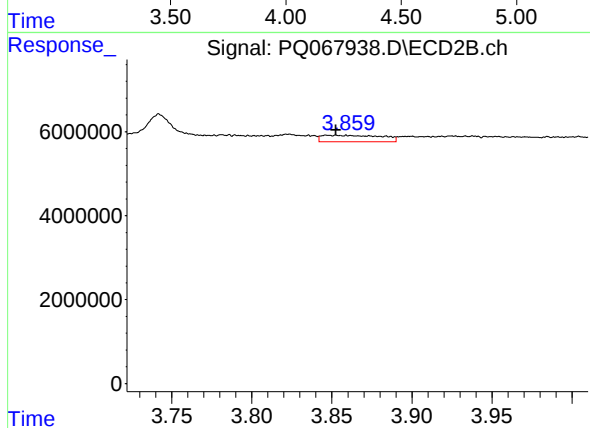
#11 AR-1232-1

R.T.: 3.174 min
Delta R.T.: -0.002 min
Response: 1337526
Conc: 9.10 ng/ml



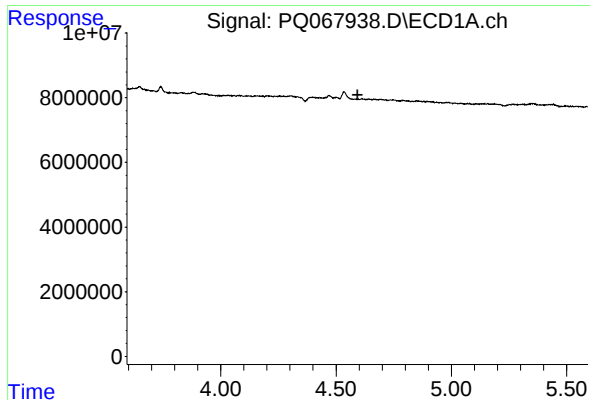
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 4.311 min
Response: 0
Conc: N.D.



#12 AR-1232-2

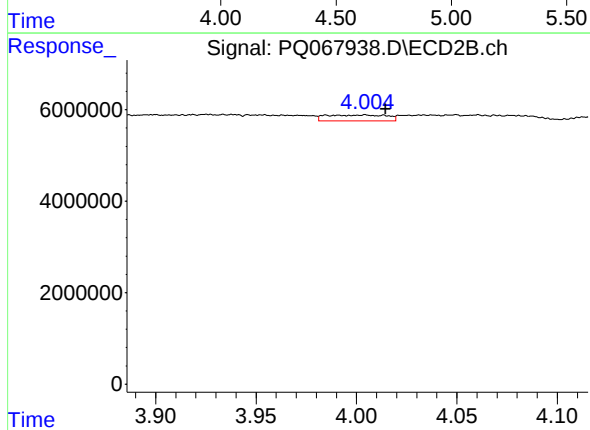
R.T.: 3.853 min
Delta R.T.: 0.000 min
Response: 4051890
Conc: 29.87 ng/ml



#13 AR-1232-3

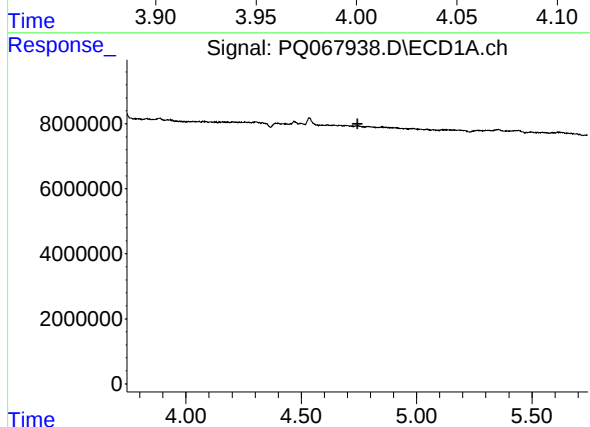
R.T.: 0.000 min
Exp R.T.: 4.593 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MANHOLE



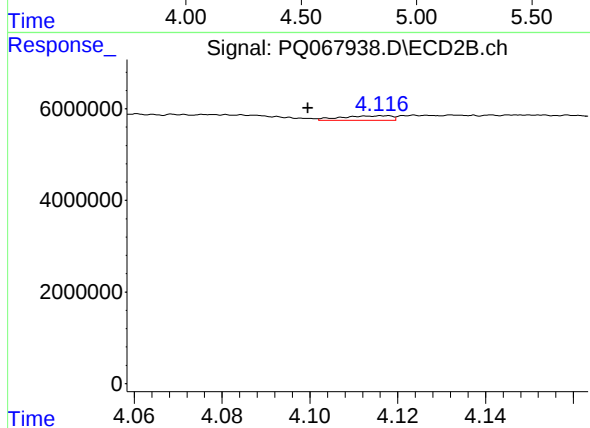
#13 AR-1232-3

R.T.: 4.004 min
Delta R.T.: -0.010 min
Response: 2716286
Conc: 35.87 ng/ml



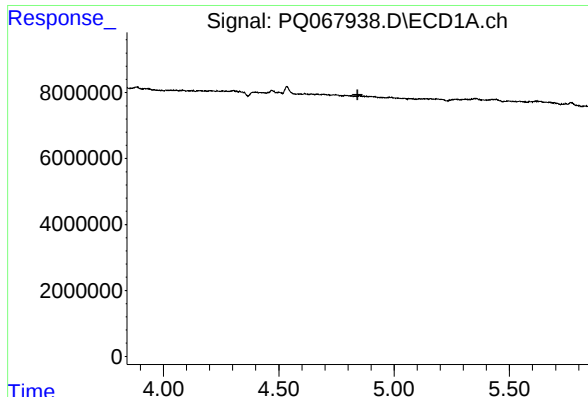
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 4.744 min
Response: 0
Conc: N.D.



#14 AR-1232-4

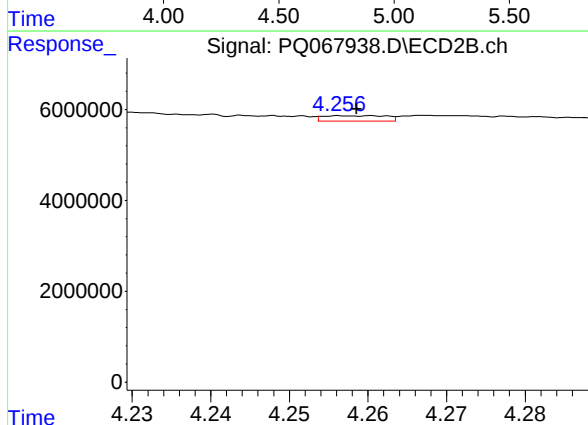
R.T.: 4.117 min
Delta R.T.: 0.017 min
Response: 763696
Conc: 11.06 ng/ml



#15 AR-1232-5

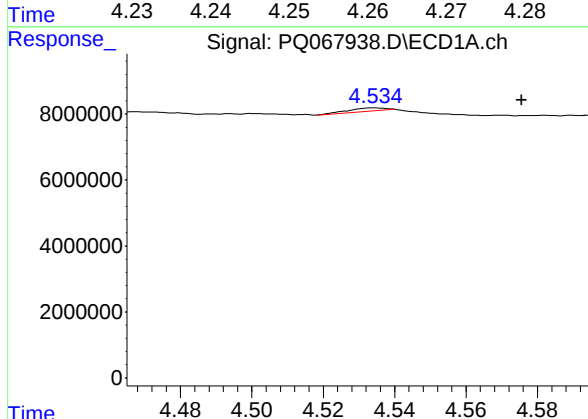
R.T.: 0.000 min
Exp R.T.: 4.841 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
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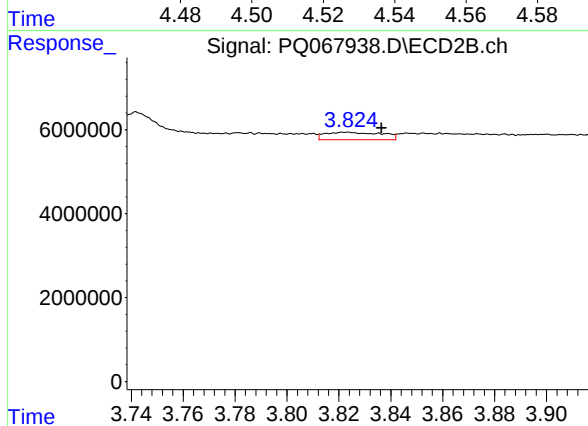
#15 AR-1232-5

R.T.: 4.260 min
Delta R.T.: 0.002 min
Response: 644737
Conc: 8.48 ng/ml



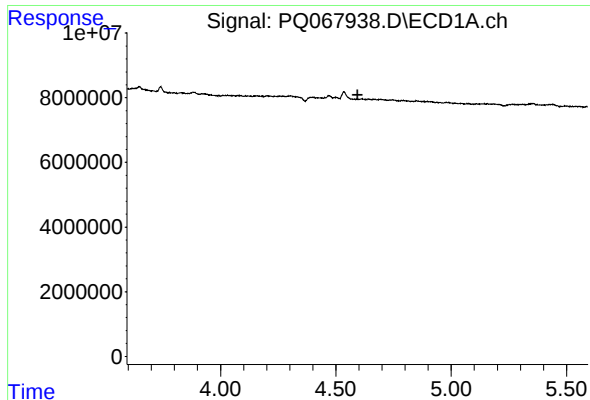
#16 AR-1242-1

R.T.: 4.534 min
Delta R.T.: -0.041 min
Response: 698076
Conc: 5.19 ng/ml



#16 AR-1242-1

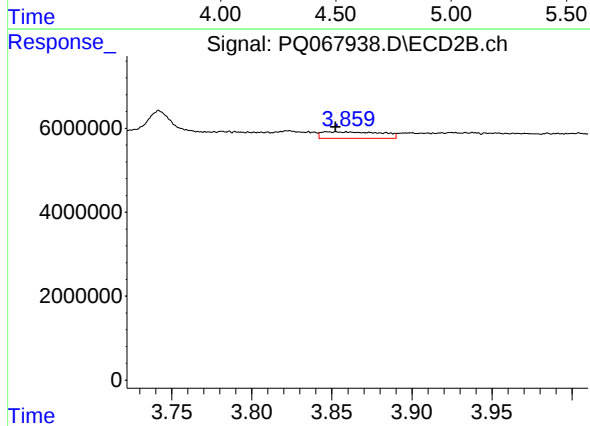
R.T.: 3.823 min
Delta R.T.: -0.014 min
Response: 2756103
Conc: 19.23 ng/ml



#17 AR-1242-2

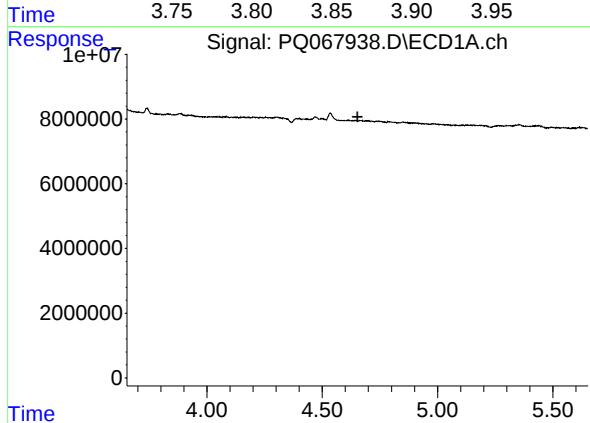
R.T.: 0.000 min
Exp R.T.: 4.594 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MANHOLE



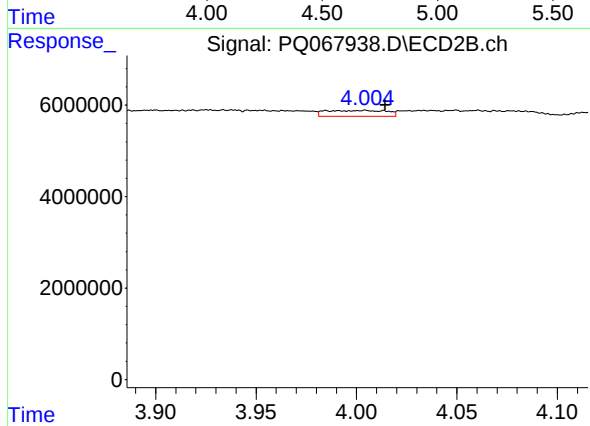
#17 AR-1242-2

R.T.: 3.853 min
Delta R.T.: 0.000 min
Response: 4051890
Conc: 17.29 ng/ml



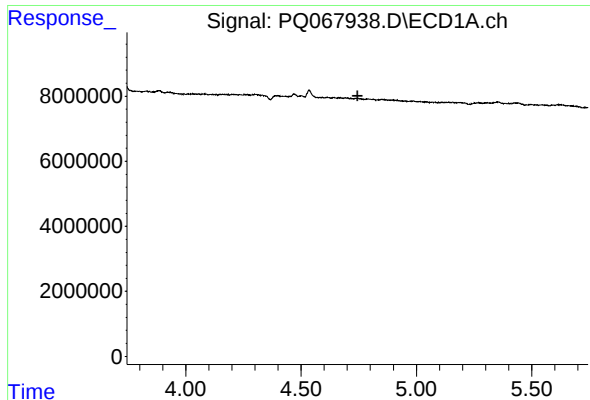
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 4.653 min
Response: 0
Conc: N.D.



#18 AR-1242-3

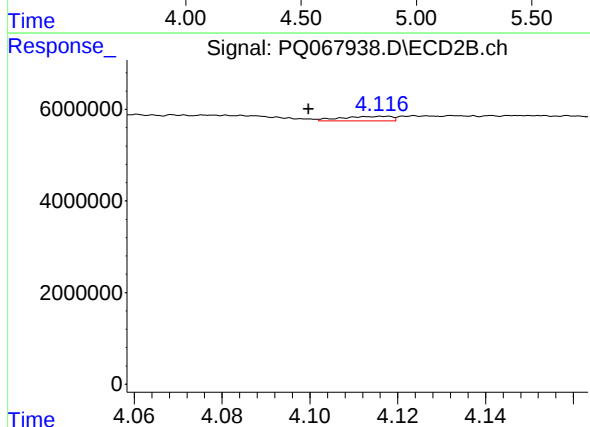
R.T.: 4.004 min
Delta R.T.: -0.010 min
Response: 2716286
Conc: 21.04 ng/ml



#19 AR-1242-4

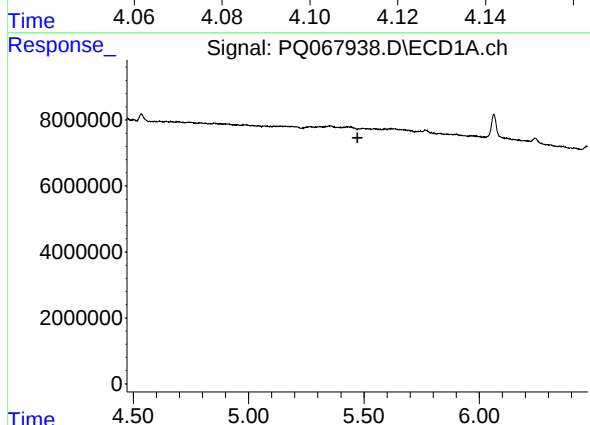
R.T.: 0.000 min
Exp R.T.: 4.745 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MANHOLE



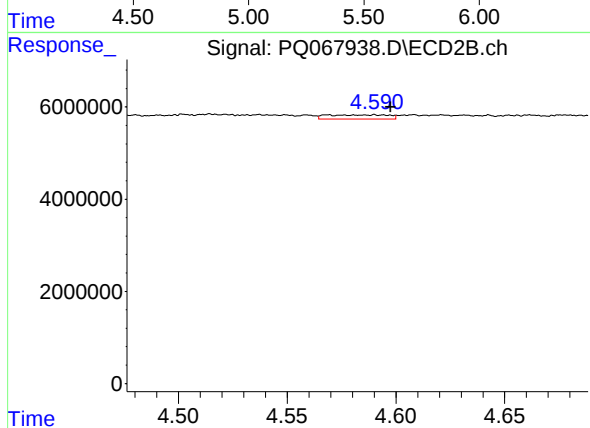
#19 AR-1242-4

R.T.: 4.117 min
Delta R.T.: 0.017 min
Response: 763696
Conc: 5.85 ng/ml



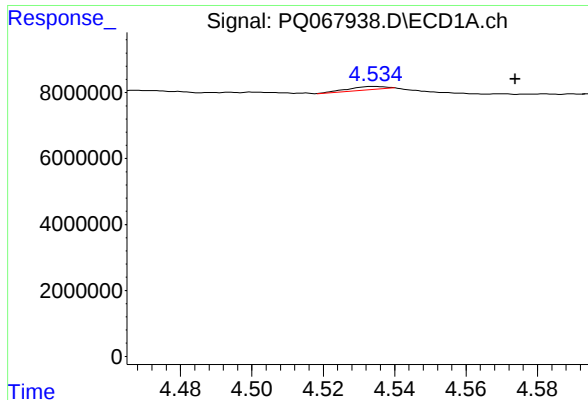
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 5.472 min
Response: 0
Conc: N.D.



#20 AR-1242-5

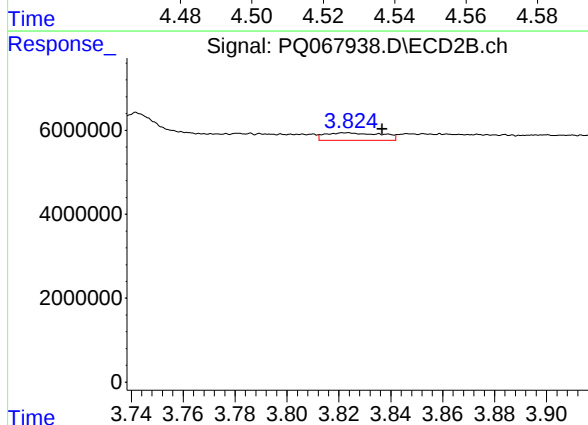
R.T.: 4.590 min
Delta R.T.: -0.007 min
Response: 1820432
Conc: 11.91 ng/ml



#21 AR-1248-1

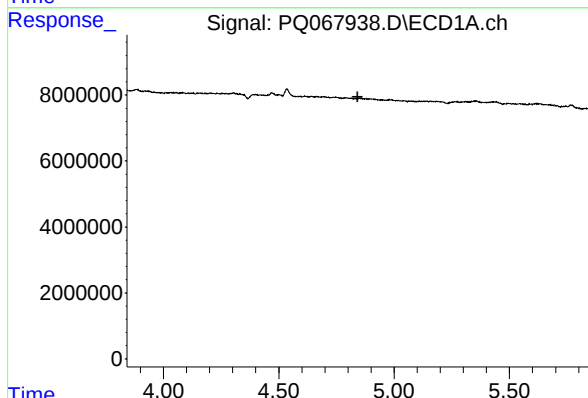
R.T.: 4.534 min
Delta R.T.: -0.039 min
Response: 698076
Conc: 6.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MANHOLE



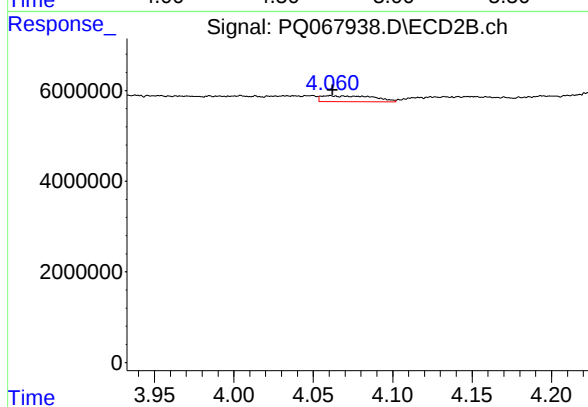
#21 AR-1248-1

R.T.: 3.823 min
Delta R.T.: -0.014 min
Response: 2756103
Conc: 24.24 ng/ml



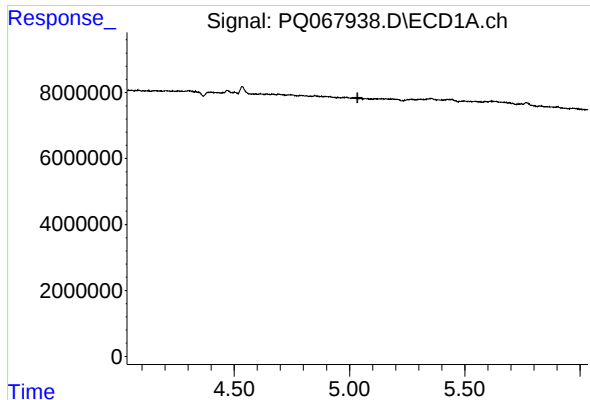
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 4.841 min
Response: 0
Conc: N.D.



#22 AR-1248-2

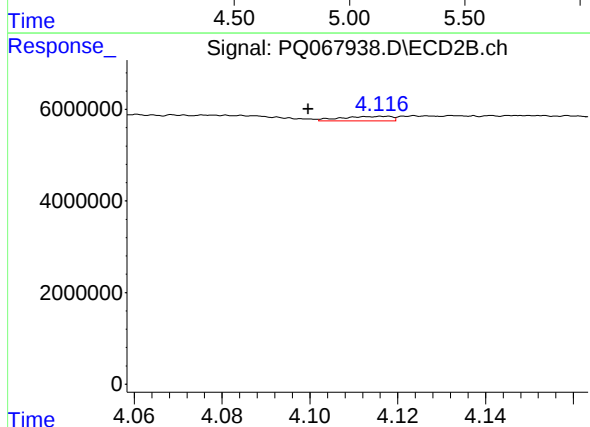
R.T.: 4.060 min
Delta R.T.: -0.002 min
Response: 3002527
Conc: 14.34 ng/ml



#23 AR-1248-3

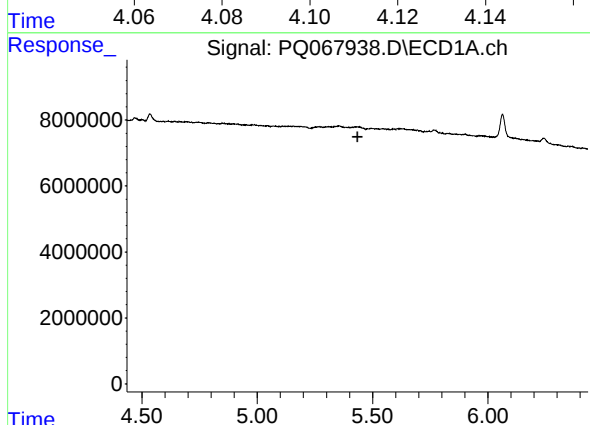
R.T.: 0.000 min
Exp R.T.: 5.034 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MANHOLE



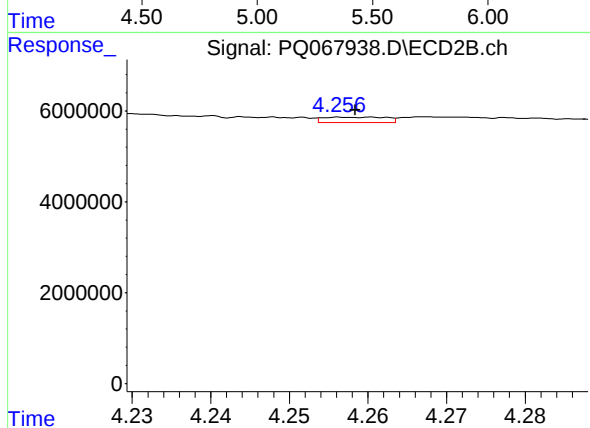
#23 AR-1248-3

R.T.: 4.117 min
Delta R.T.: 0.017 min
Response: 763696
Conc: 3.86 ng/ml



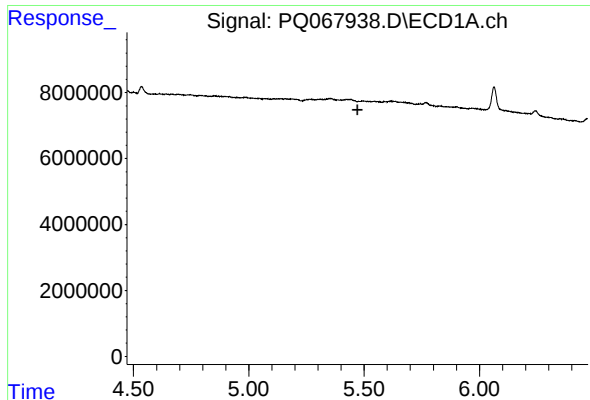
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 5.435 min
Response: 0
Conc: N.D.



#24 AR-1248-4

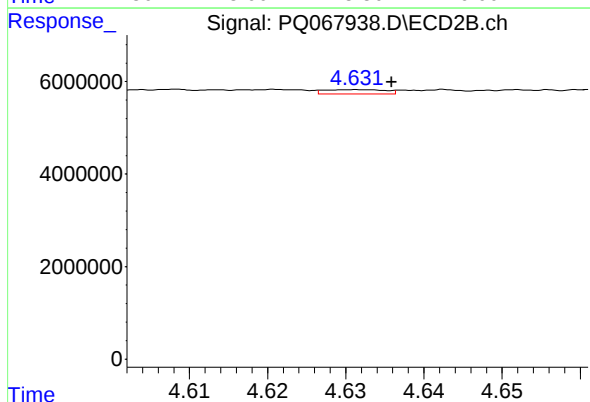
R.T.: 4.260 min
Delta R.T.: 0.002 min
Response: 644737
Conc: 2.73 ng/ml



#25 AR-1248-5

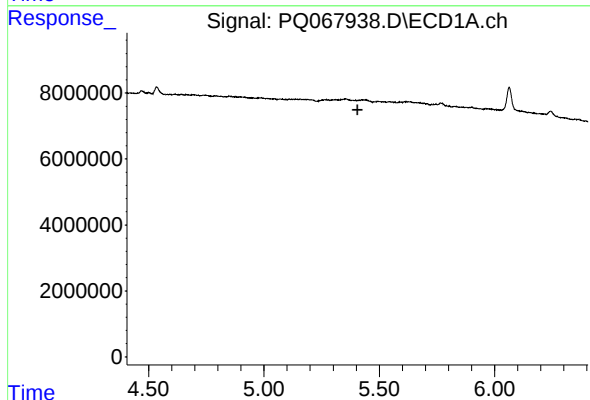
R.T.: 0.000 min
Exp R.T.: 5.471 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MANHOLE



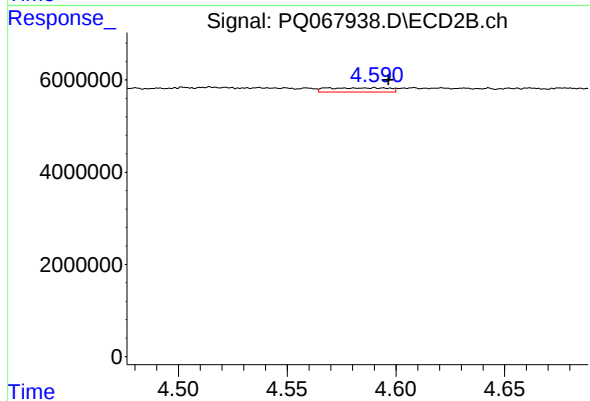
#25 AR-1248-5

R.T.: 4.632 min
Delta R.T.: -0.004 min
Response: 485228
Conc: 2.52 ng/ml



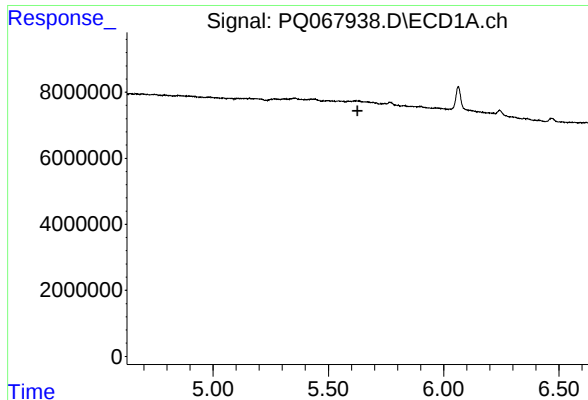
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 5.406 min
Response: 0
Conc: N.D.



#26 AR-1254-1

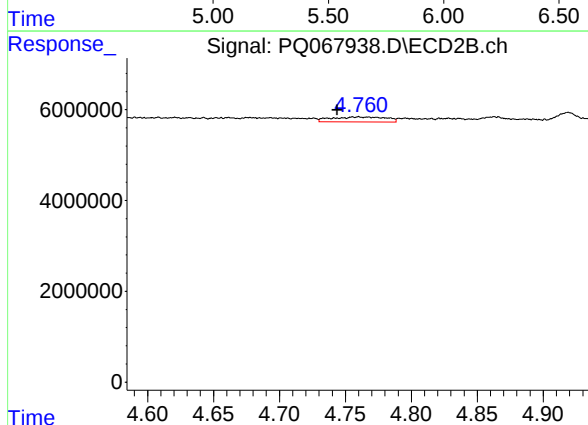
R.T.: 4.590 min
Delta R.T.: -0.006 min
Response: 1820432
Conc: 5.42 ng/ml



#27 AR-1254-2

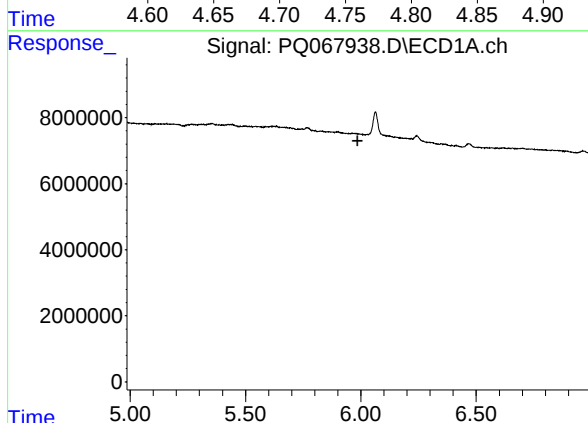
R.T.: 0.000 min
Exp R.T.: 5.626 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MANHOLE



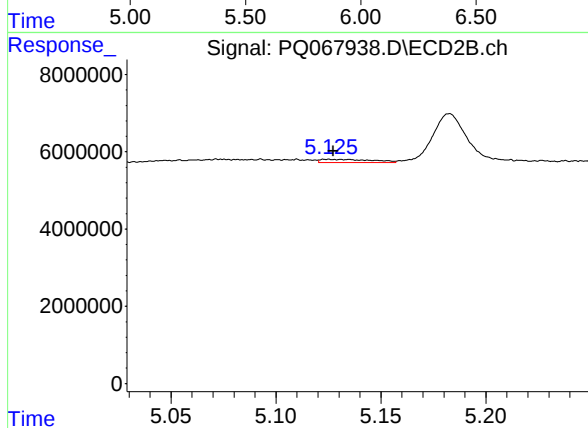
#27 AR-1254-2

R.T.: 4.760 min
Delta R.T.: 0.016 min
Response: 3125223
Conc: 10.16 ng/ml



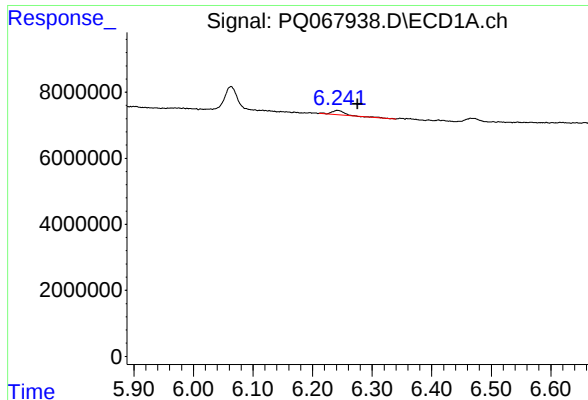
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T.: 5.985 min
Response: 0
Conc: N.D.



#28 AR-1254-3

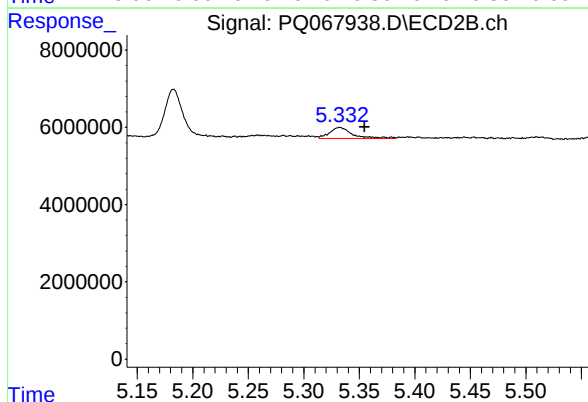
R.T.: 5.125 min
Delta R.T.: -0.003 min
Response: 1474297
Conc: 3.31 ng/ml



#29 AR-1254-4

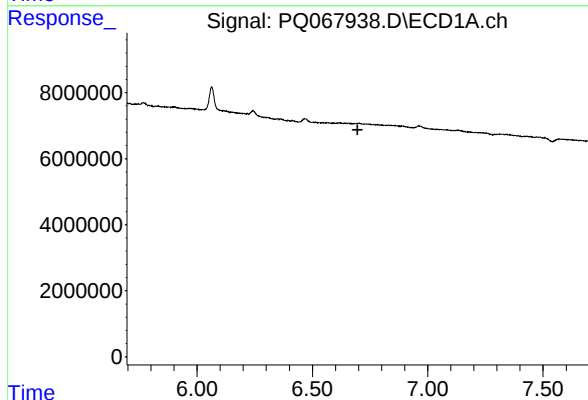
R.T.: 6.242 min
Delta R.T.: -0.034 min
Response: 1911384
Conc: 9.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MANHOLE



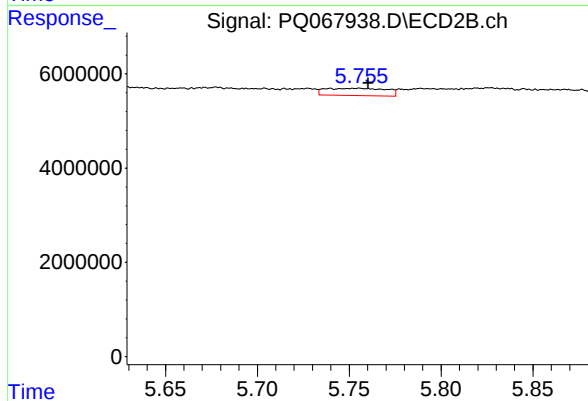
#29 AR-1254-4

R.T.: 5.332 min
Delta R.T.: -0.022 min
Response: 4141088
Conc: 18.36 ng/ml



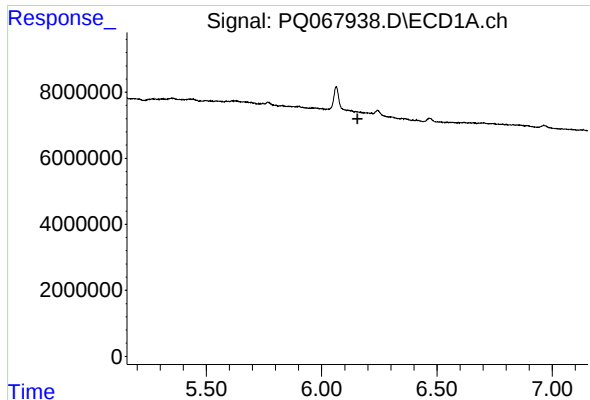
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 6.695 min
Response: 0
Conc: N.D.



#30 AR-1254-5

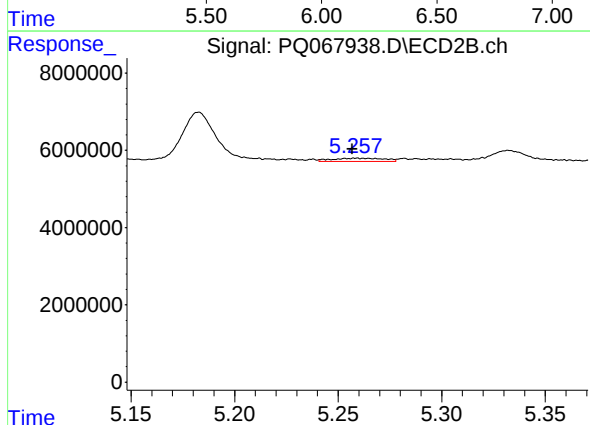
R.T.: 5.755 min
Delta R.T.: -0.005 min
Response: 3504953
Conc: 8.52 ng/ml



#31 AR-1260-1

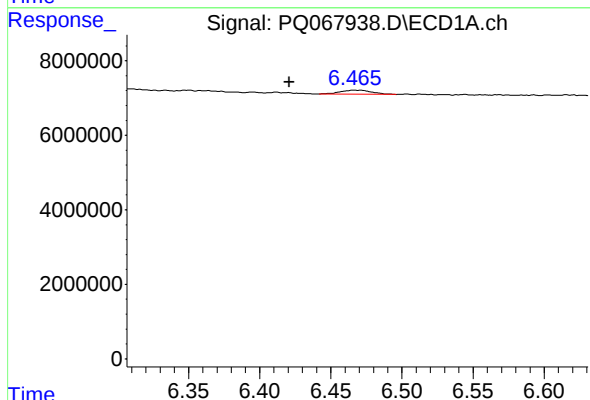
R.T.: 0.000 min
Exp R.T.: 6.155 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MANHOLE



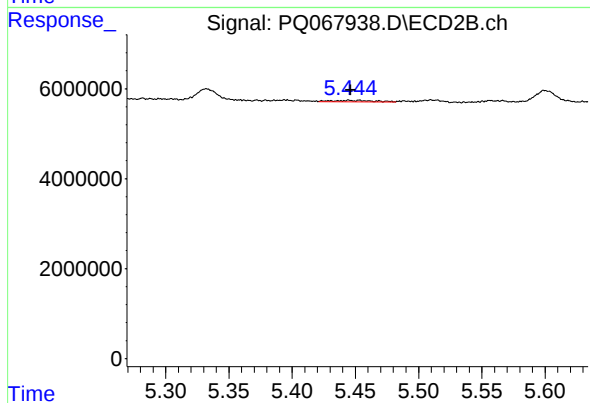
#31 AR-1260-1

R.T.: 5.259 min
Delta R.T.: 0.002 min
Response: 1416317
Conc: 4.17 ng/ml



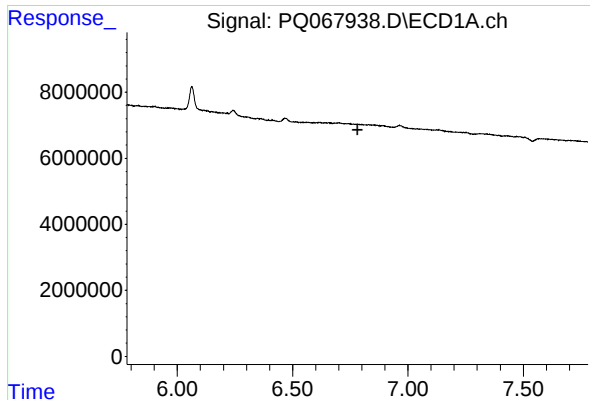
#32 AR-1260-2

R.T.: 6.466 min
Delta R.T.: 0.045 min
Response: 1721000
Conc: 5.34 ng/ml



#32 AR-1260-2

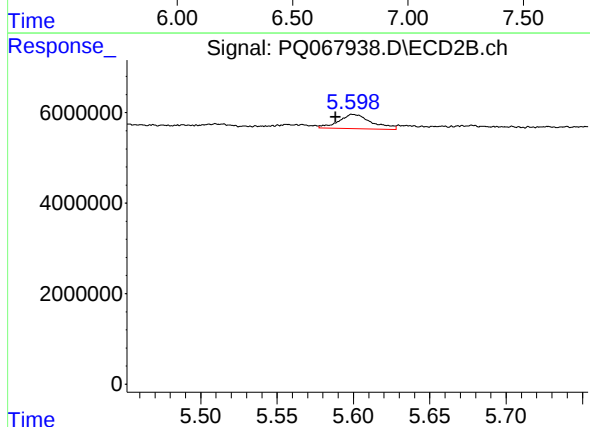
R.T.: 5.445 min
Delta R.T.: -0.002 min
Response: 718391
Conc: 1.84 ng/ml



#33 AR-1260-3

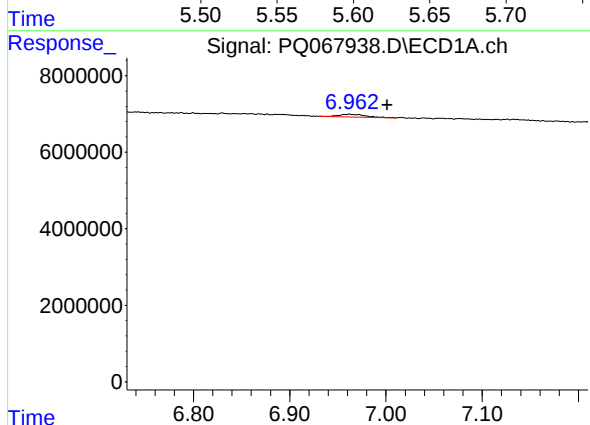
R.T.: 0.000 min
Exp R.T.: 6.781 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MANHOLE



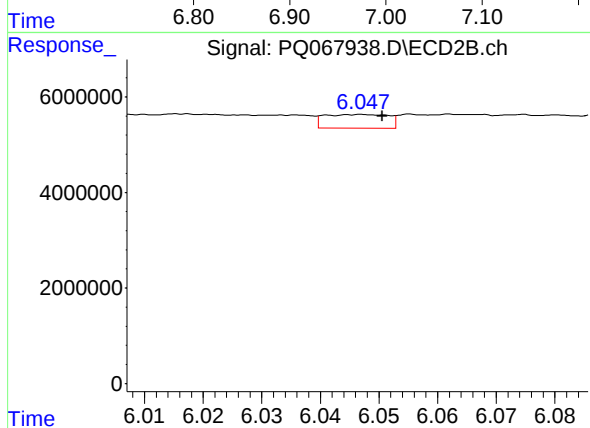
#33 AR-1260-3

R.T.: 5.600 min
Delta R.T.: 0.011 min
Response: 4774794
Conc: 12.71 ng/ml



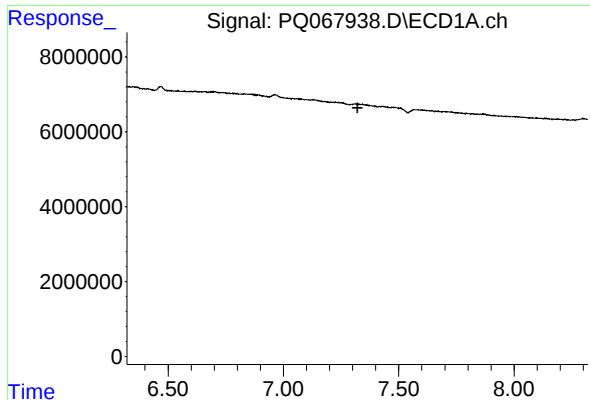
#34 AR-1260-4

R.T.: 6.962 min
Delta R.T.: -0.039 min
Response: 1436386
Conc: 5.63 ng/ml



#34 AR-1260-4

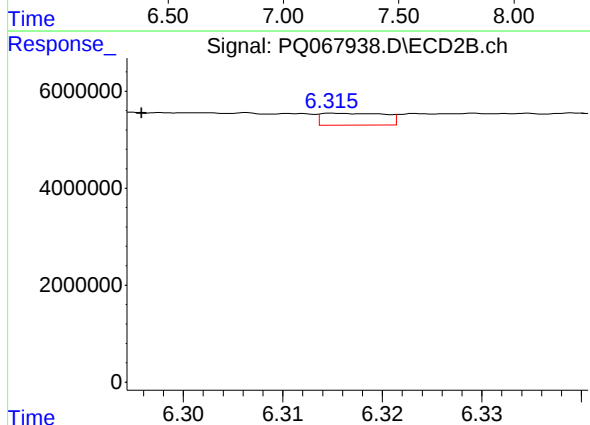
R.T.: 6.047 min
Delta R.T.: -0.004 min
Response: 2164559
Conc: 7.48 ng/ml



#35 AR-1260-5

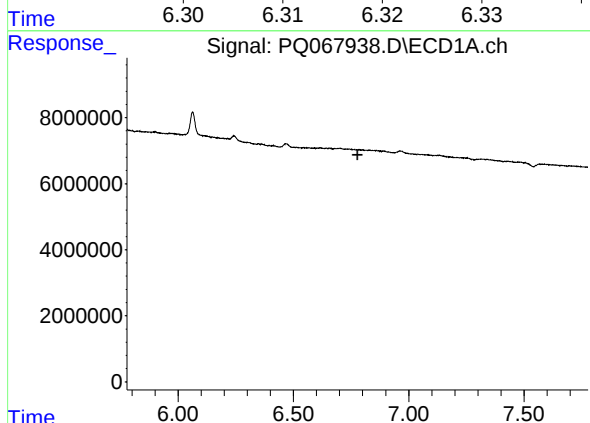
R.T.: 0.000 min
Exp R.T.: 7.321 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MANHOLE



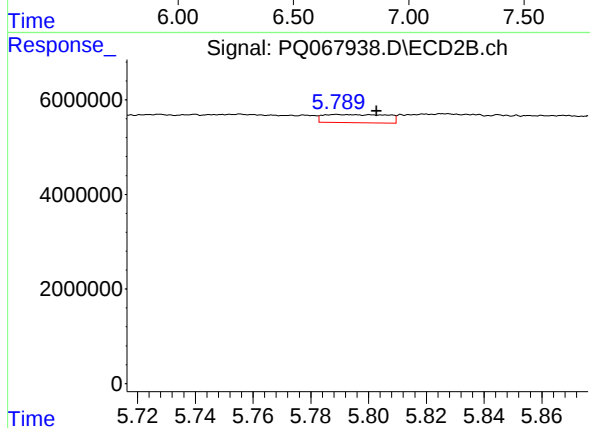
#35 AR-1260-5

R.T.: 6.316 min
Delta R.T.: 0.020 min
Response: 1097784
Conc: 1.84 ng/ml



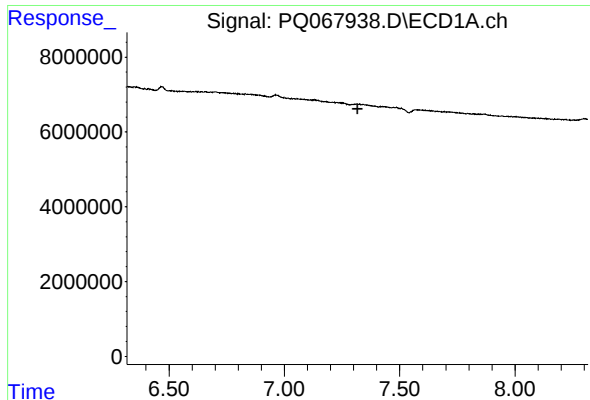
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 6.778 min
Response: 0
Conc: N.D.



#36 AR-1262-1

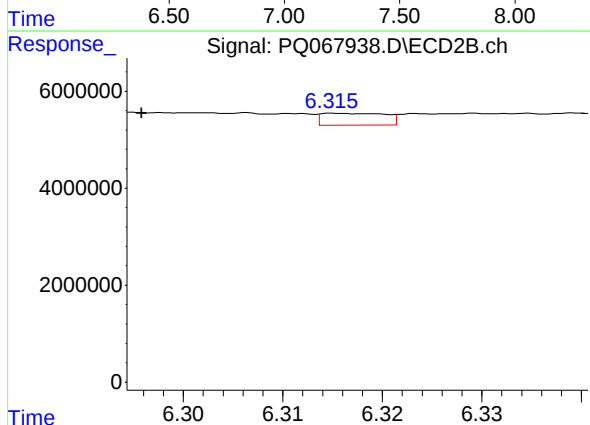
R.T.: 5.789 min
Delta R.T.: -0.014 min
Response: 2676254
Conc: 5.99 ng/ml



#37 AR-1262-2

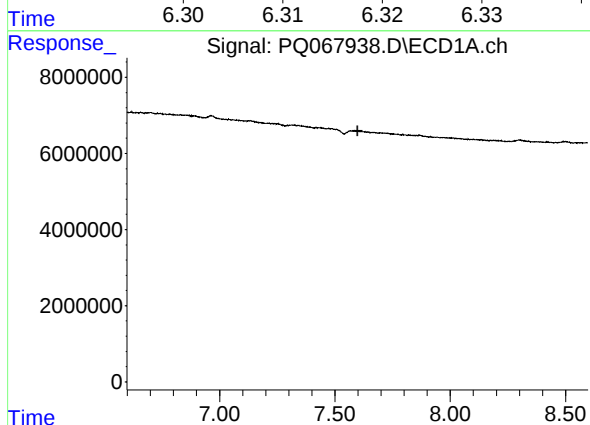
R.T.: 0.000 min
Exp R.T.: 7.317 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MANHOLE



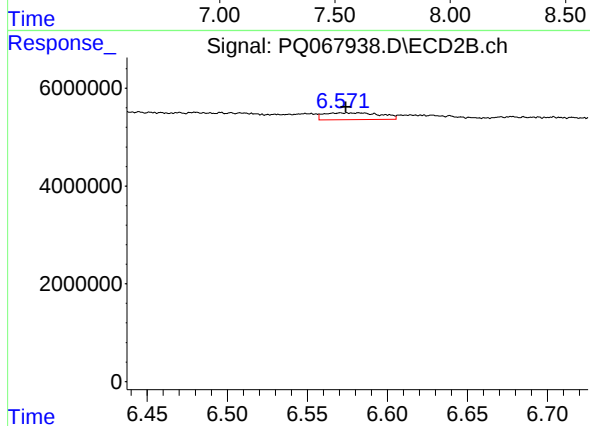
#37 AR-1262-2

R.T.: 6.316 min
Delta R.T.: 0.020 min
Response: 1097784
Conc: 1.61 ng/ml



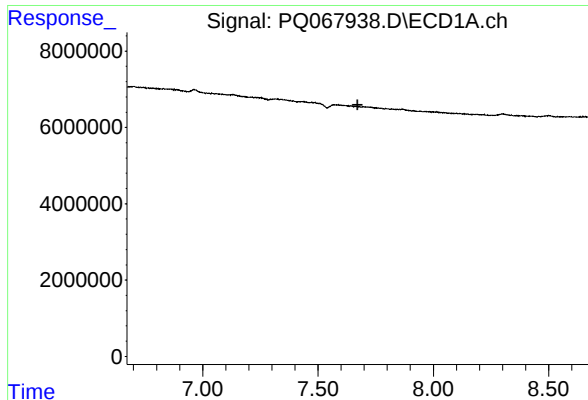
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 7.598 min
Response: 0
Conc: N.D.



#38 AR-1262-3

R.T.: 6.571 min
Delta R.T.: -0.003 min
Response: 3363640
Conc: 11.13 ng/ml

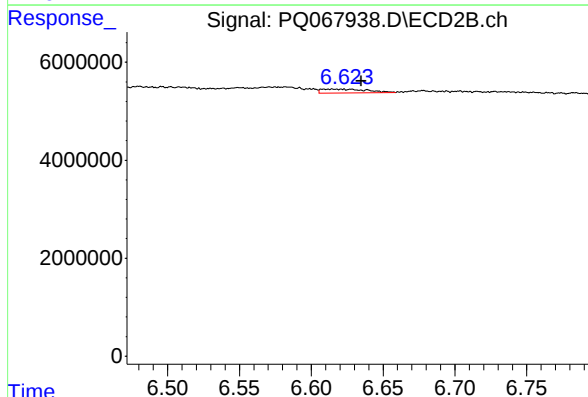


#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 7.671 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MANHOLE

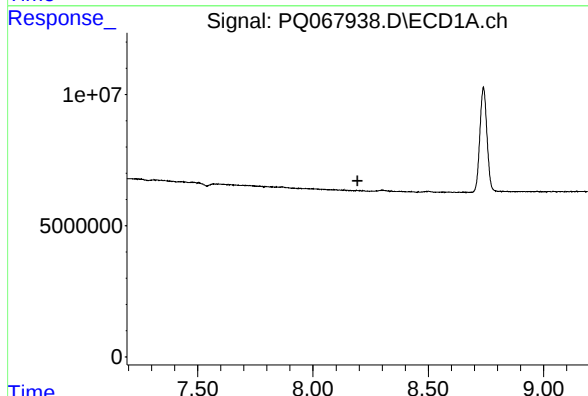
Time



#39 AR-1262-4

R.T.: 6.615 min
Delta R.T.: -0.020 min
Response: 1829036
Conc: 3.48 ng/ml

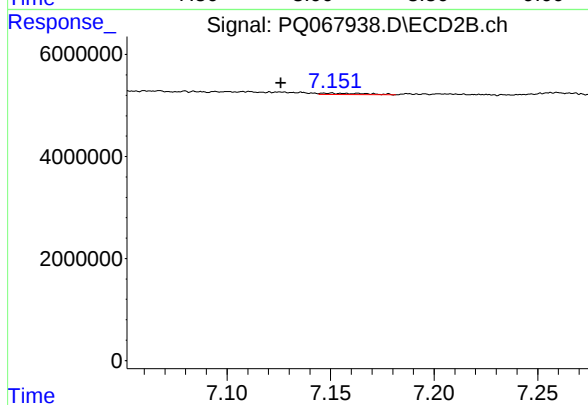
Time



#40 AR-1262-5

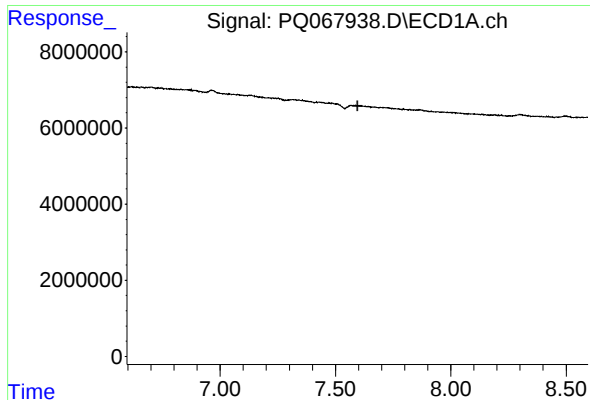
R.T.: 0.000 min
Exp R.T.: 8.193 min
Response: 0
Conc: N.D.

Time



#40 AR-1262-5

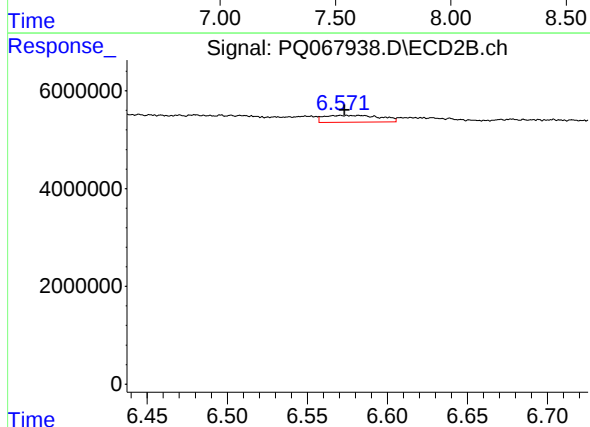
R.T.: 7.150 min
Delta R.T.: 0.024 min
Response: 397889
Conc: 1.86 ng/ml



#41 AR-1268-1

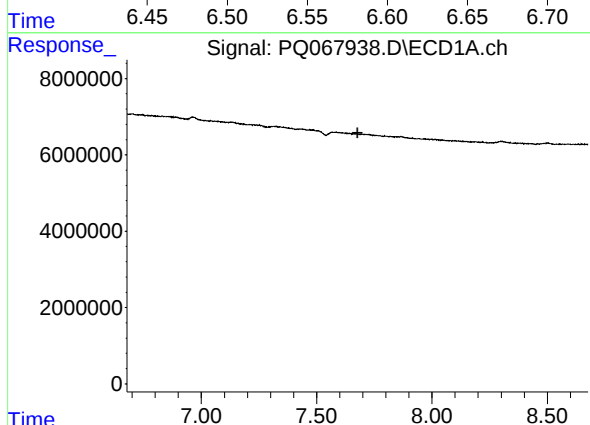
R.T.: 0.000 min
Exp R.T.: 7.596 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MANHOLE



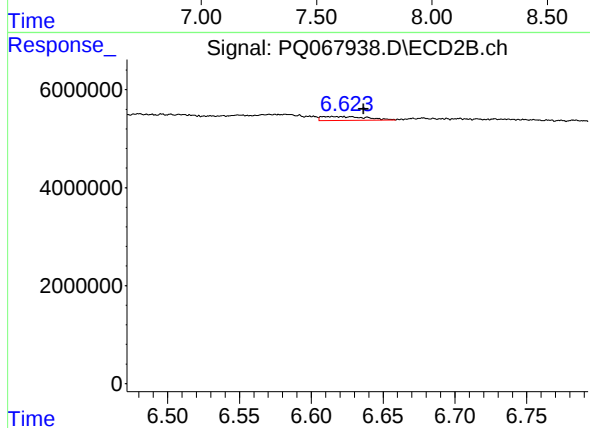
#41 AR-1268-1

R.T.: 6.571 min
Delta R.T.: -0.002 min
Response: 3363640
Conc: 4.00 ng/ml



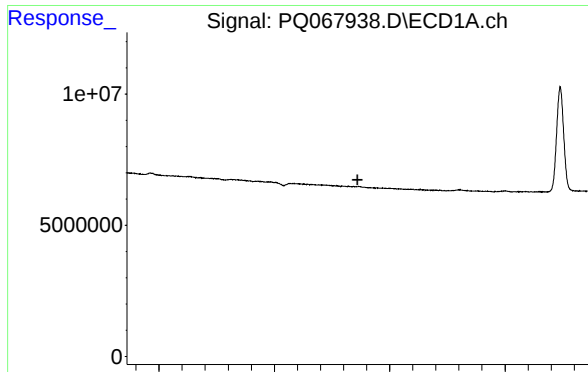
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 7.677 min
Response: 0
Conc: N.D.



#42 AR-1268-2

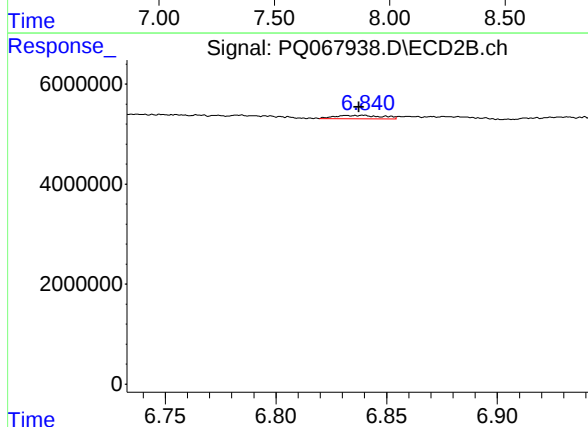
R.T.: 6.615 min
Delta R.T.: -0.022 min
Response: 1829036
Conc: 2.39 ng/ml



#43 AR-1268-3

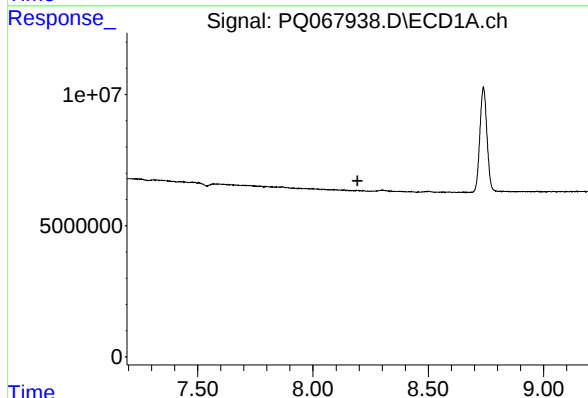
R.T.: 0.000 min
Exp R.T.: 7.861 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MANHOLE



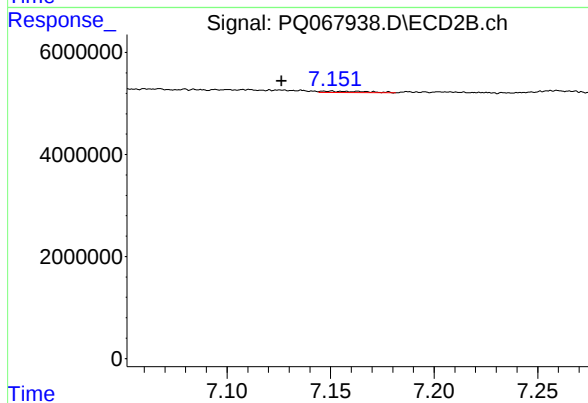
#43 AR-1268-3

R.T.: 6.839 min
Delta R.T.: 0.002 min
Response: 989955
Conc: 1.42 ng/ml



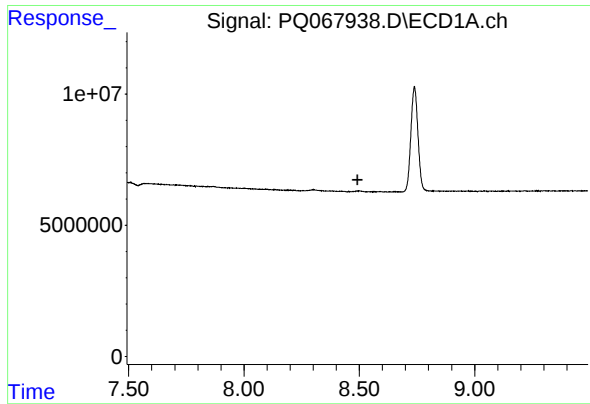
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 8.193 min
Response: 0
Conc: N.D.



#44 AR-1268-4

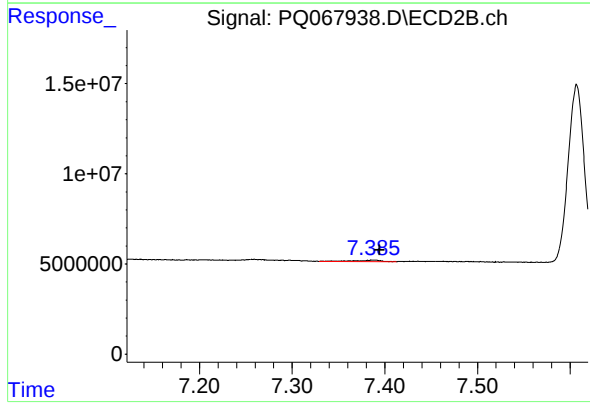
R.T.: 7.150 min
Delta R.T.: 0.024 min
Response: 397889
Conc: 1.69 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 8.492 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MANHOLE



#45 AR-1268-5

R.T.: 7.389 min
Delta R.T.: -0.006 min
Response: 1380504
Conc: 0.72 ng/ml