

Data Path : P:\HPCHEM1\ECD_Q\Data\PQ052118\
 Data File : PQ028995.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2018 16:58
 Operator : UA/SM
 Sample : J2971-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 06:34:49 2018
 Quant Method : P:\HPCHEM1\ECD_Q\Method\PQ051018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 11 08:47:35 2018
 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...	4.605	3.769	2455.7E6	277.7E6	29.715	31.060
2)	SA Decachlor...	10.342	8.711	947.6E6	144.0E6	15.542	12.399
Target Compounds							
3)	L1 AR-1016-1	4.907	4.633	31779609	1108691	24.019	4.542 #
4)	L1 AR-1016-2	0.000	5.079	0	1584928	N.D.	5.783 #
5)	L1 AR-1016-3	0.000	5.079	0	1584928	N.D.	7.426 #
6)	L1 AR-1016-4	0.000	5.118	0	648457	N.D.	2.482 #
7)	L1 AR-1016-5	0.000	5.279	0	553098	N.D.	1.913 #
8)	L2 AR-1221-1	0.000	3.977	0	746314	N.D.	3.736 #
9)	L2 AR-1221-2	4.907	4.067	31779609	6323313	24.437	42.431 #
10)	L2 AR-1221-3	4.907	4.141	31779609	1725707	7.589	3.757 #
11)	L3 AR-1232-1	4.907	4.141	31779609	1725707	18.755	8.213 #
12)	L3 AR-1232-2	0.000	4.918	0	421196	N.D.	2.270 #
13)	L3 AR-1232-3	0.000	5.079	0	1584928	N.D.	11.430 #
14)	L3 AR-1232-4	0.000	5.279	0	553098	N.D.	3.766 #
15)	L3 AR-1232-5	0.000	5.653	0	3045880	N.D.	18.654 #
16)	L4 AR-1242-1	0.000	4.633	0	1108691	N.D.	5.704 #
17)	L4 AR-1242-2	0.000	4.866	0	1150942	N.D.	2.529 #
18)	L4 AR-1242-3	0.000	5.079	0	1584928	N.D.	7.633 #
19)	L4 AR-1242-4	0.000	5.118	0	648457	N.D.	3.210 #
20)	L4 AR-1242-5	0.000	5.279	0	553098	N.D.	2.443 #
21)	L5 AR-1248-1	0.000	5.079	0	1584928	N.D.	5.369 #
22)	L5 AR-1248-2	0.000	5.118	0	648457	N.D.	2.106 #
23)	L5 AR-1248-3	0.000	5.279	0	553098	N.D.	1.417 #
24)	L5 AR-1248-4	0.000	5.653	0	3045880	N.D.	5.424 #
25)	L5 AR-1248-5	0.000	5.672	0	2668519	N.D.	6.464 #
26)	L6 AR-1254-1	0.000	5.653	0	3045880	N.D.	5.680 #
27)	L6 AR-1254-2	0.000	5.782	0	1942278	N.D.	4.236 #
28)	L6 AR-1254-3	0.000	6.143	0	818738	N.D.	1.033 #
29)	L6 AR-1254-4	0.000	6.389	0	3253421	N.D.	5.973 #
30)	L6 AR-1254-5	0.000	6.627	0	7954852	N.D.	22.987 #
31)	L7 AR-1260-1	0.000	6.301	0	9464517	N.D.	15.346 #
32)	L7 AR-1260-2	0.000	6.627	0	7954852	N.D.	11.232 #
33)	L7 AR-1260-3	0.000	7.095	0	1847827	N.D.	3.117 #
34)	L7 AR-1260-4	0.000	7.328	0	1575655	N.D.	1.077 #
35)	L7 AR-1260-5	0.000	7.657	0	606441	N.D.	0.577 #
36)	L8 AR-1262-1	0.000	6.301	0	9464517	N.D.	18.901 #
37)	L8 AR-1262-2	0.000	6.478	0	13929247	N.D.	21.831 #
38)	L8 AR-1262-3	0.000	6.796	0	11236282	N.D.	12.397 #
39)	L8 AR-1262-4	0.000	7.095	0	1847827	N.D.	2.324 #
40)	L8 AR-1262-5	0.000	7.328	0	1575655	N.D.	0.938 #
41)	L9 AR-1268-1	0.000	7.610	0	198578	N.D.	0.109 #

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Acq On : 20 May 2018 16:58
Operator : UA/SM
Sample : J2971-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

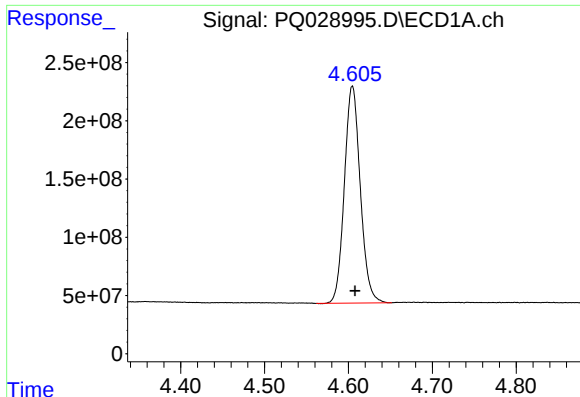
Instrument :
ECD_R
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 06:34:49 2018
Quant Method : P:\HPCHEM1\ECD_Q\Method\PQ051018.M
Quant Title : GC EXTRACTABLES
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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	7.657	0	606441	N.D.	0.342 #
43) L9	AR-1268-3	0.000	7.882	0	958713	N.D.	0.696 #
45) L9	AR-1268-5	0.000	8.463	0	1337009	N.D.	0.304 #

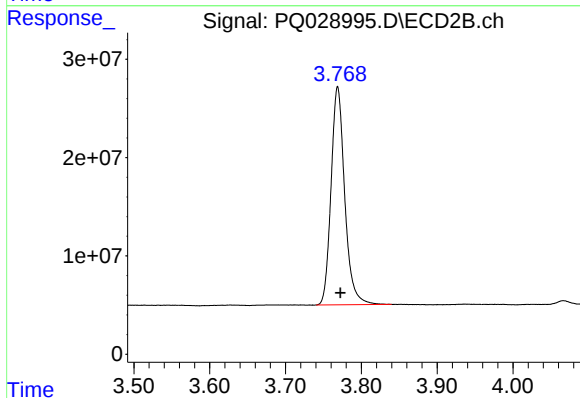
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

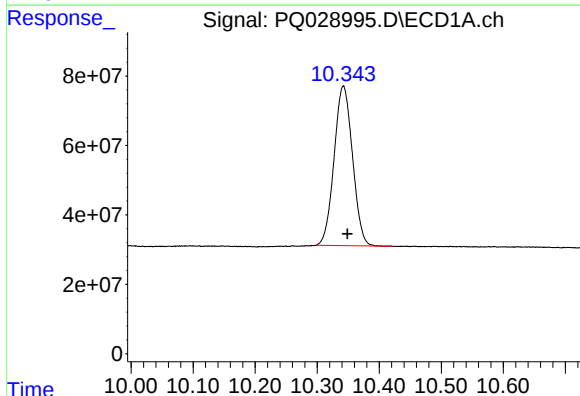
R.T.: 4.605 min
Delta R.T.: -0.003 min
Response: 2455671420
Conc: 29.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



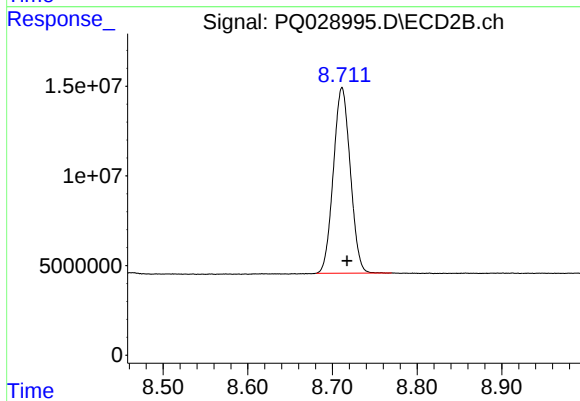
#1 Tetrachloro-m-xylene

R.T.: 3.769 min
Delta R.T.: -0.004 min
Response: 277724826
Conc: 31.06 ng/ml



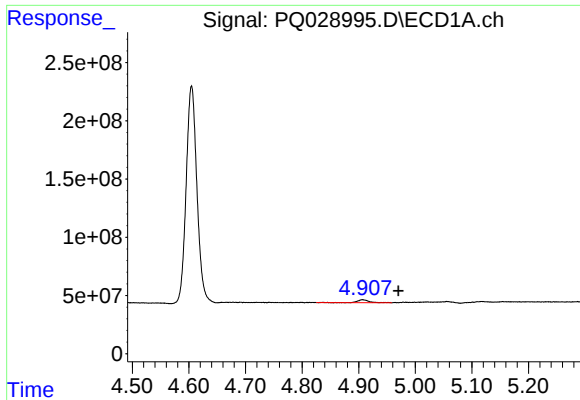
#2 Decachlorobiphenyl

R.T.: 10.342 min
Delta R.T.: -0.007 min
Response: 947591060
Conc: 15.54 ng/ml



#2 Decachlorobiphenyl

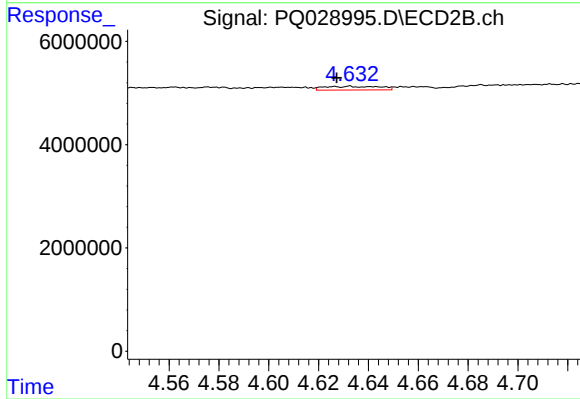
R.T.: 8.711 min
Delta R.T.: -0.006 min
Response: 143993572
Conc: 12.40 ng/ml



#3 AR-1016-1

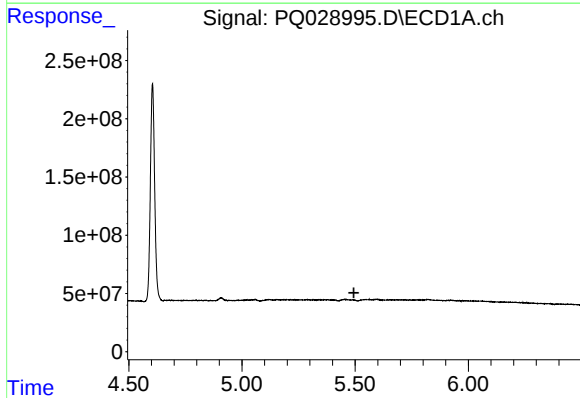
R.T.: 4.907 min
Delta R.T.: -0.063 min
Response: 31779609
Conc: 24.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



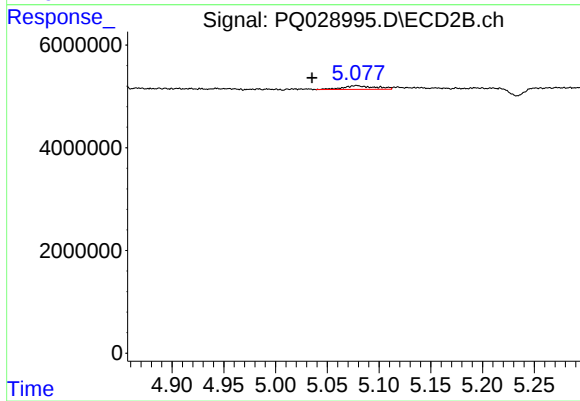
#3 AR-1016-1

R.T.: 4.633 min
Delta R.T.: 0.005 min
Response: 1108691
Conc: 4.54 ng/ml



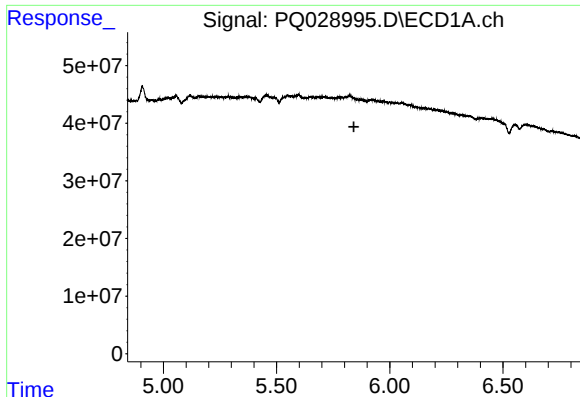
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.494 min
Response: 0
Conc: N.D.



#4 AR-1016-2

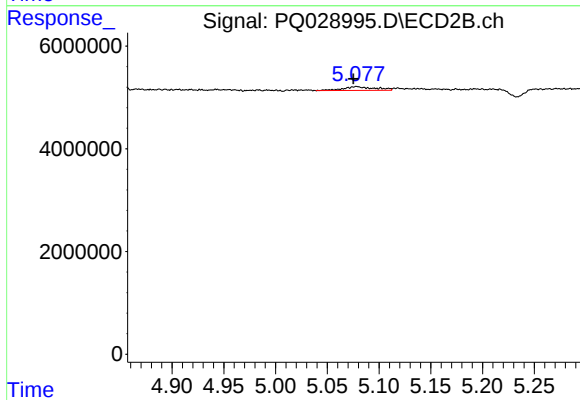
R.T.: 5.079 min
Delta R.T.: 0.043 min
Response: 1584928
Conc: 5.78 ng/ml



#5 AR-1016-3

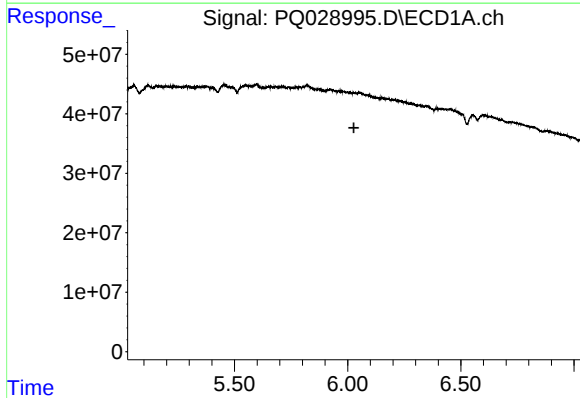
R.T.: 0.000 min
Exp R.T.: 5.841 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



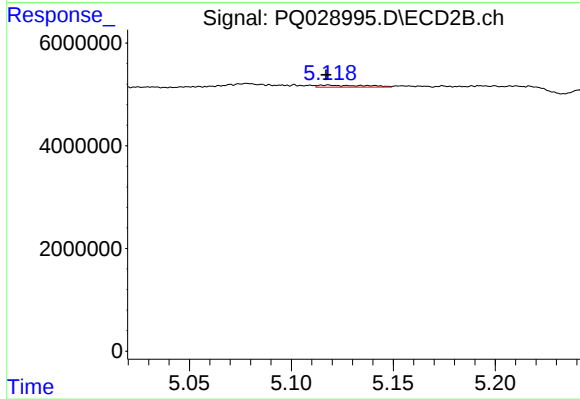
#5 AR-1016-3

R.T.: 5.079 min
Delta R.T.: 0.003 min
Response: 1584928
Conc: 7.43 ng/ml



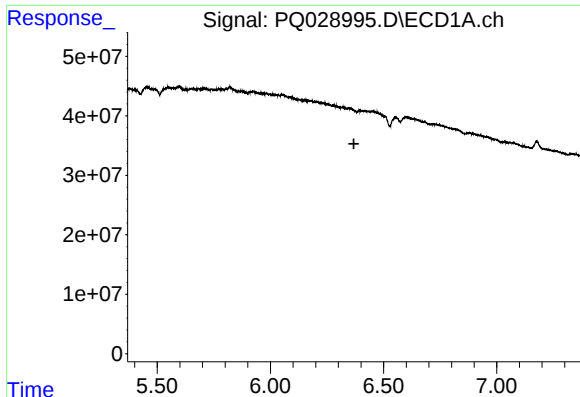
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.027 min
Response: 0
Conc: N.D.



#6 AR-1016-4

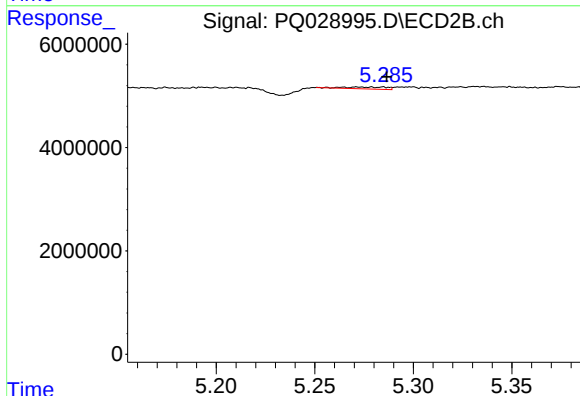
R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 648457
Conc: 2.48 ng/ml



#7 AR-1016-5

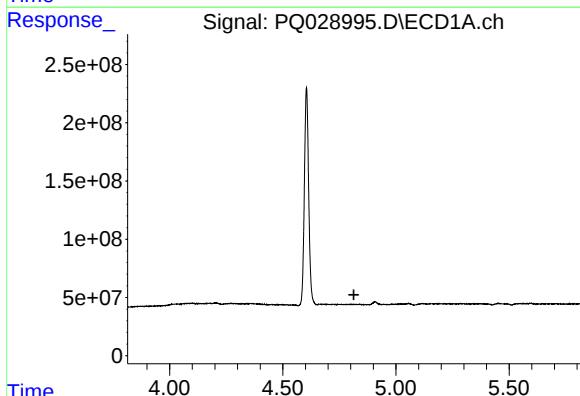
R.T.: 0.000 min
Exp R.T.: 6.369 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



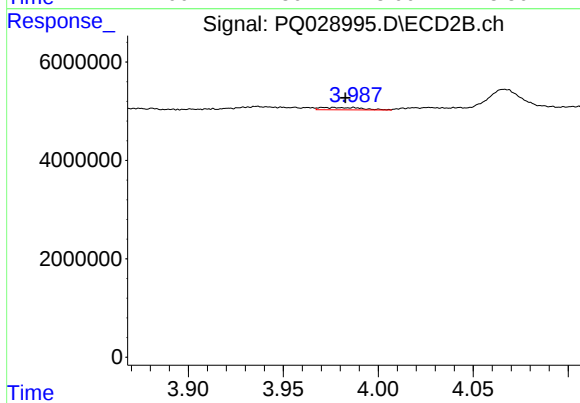
#7 AR-1016-5

R.T.: 5.279 min
Delta R.T.: -0.008 min
Response: 553098
Conc: 1.91 ng/ml



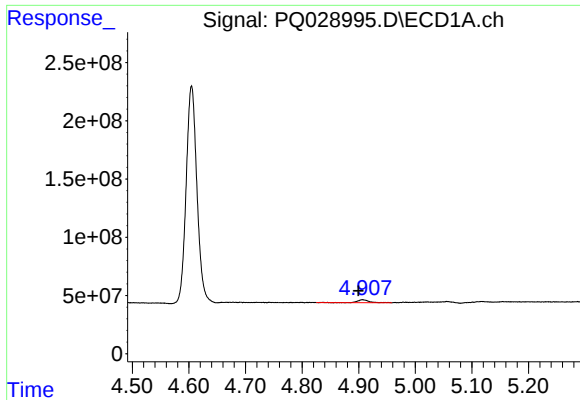
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.814 min
Response: 0
Conc: N.D.



#8 AR-1221-1

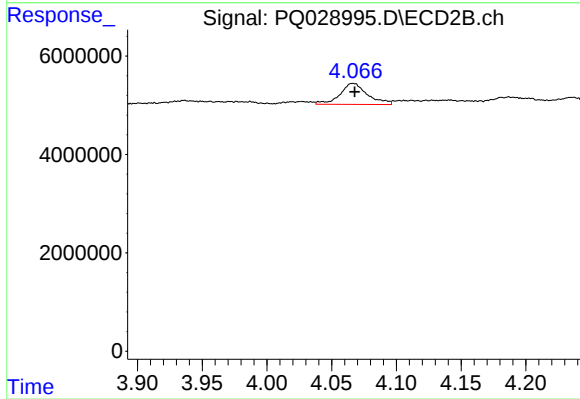
R.T.: 3.977 min
Delta R.T.: -0.006 min
Response: 746314
Conc: 3.74 ng/ml



#9 AR-1221-2

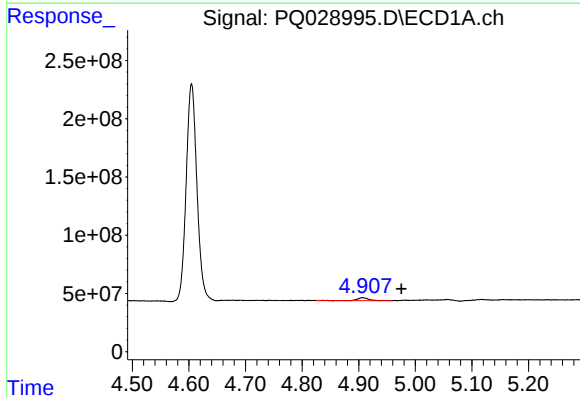
R.T.: 4.907 min
Delta R.T.: 0.008 min
Response: 31779609
Conc: 24.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



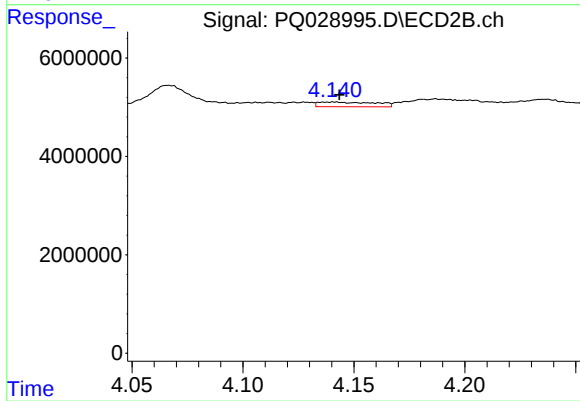
#9 AR-1221-2

R.T.: 4.067 min
Delta R.T.: -0.001 min
Response: 6323313
Conc: 42.43 ng/ml



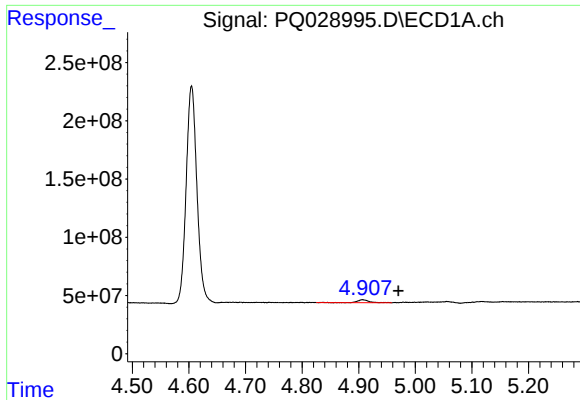
#10 AR-1221-3

R.T.: 4.907 min
Delta R.T.: -0.068 min
Response: 31779609
Conc: 7.59 ng/ml



#10 AR-1221-3

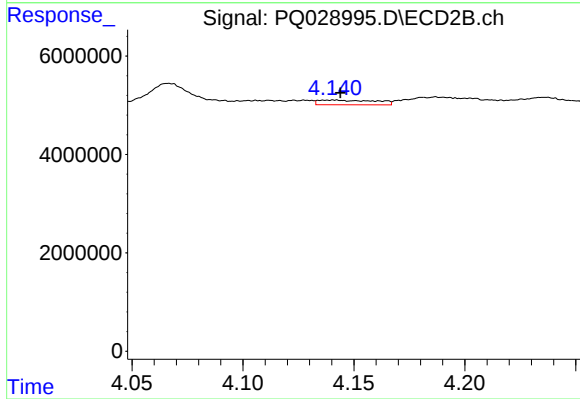
R.T.: 4.141 min
Delta R.T.: -0.003 min
Response: 1725707
Conc: 3.76 ng/ml



#11 AR-1232-1

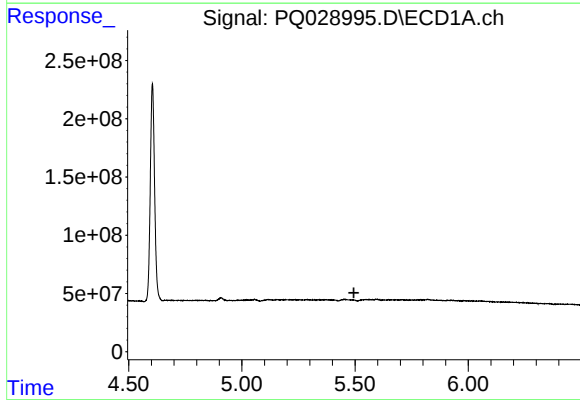
R.T.: 4.907 min
Delta R.T.: -0.063 min
Response: 31779609
Conc: 18.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



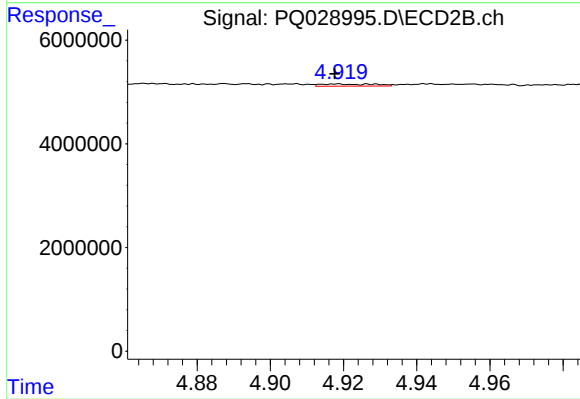
#11 AR-1232-1

R.T.: 4.141 min
Delta R.T.: -0.003 min
Response: 1725707
Conc: 8.21 ng/ml



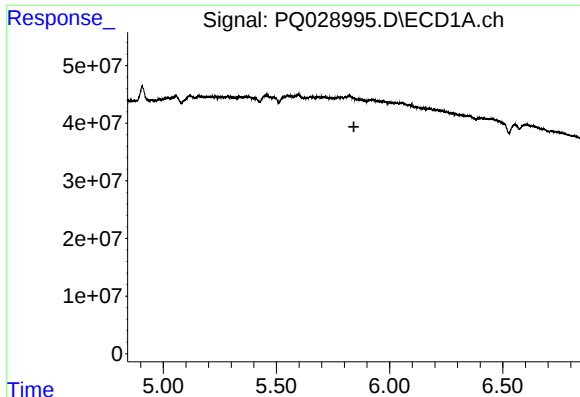
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.495 min
Response: 0
Conc: N.D.



#12 AR-1232-2

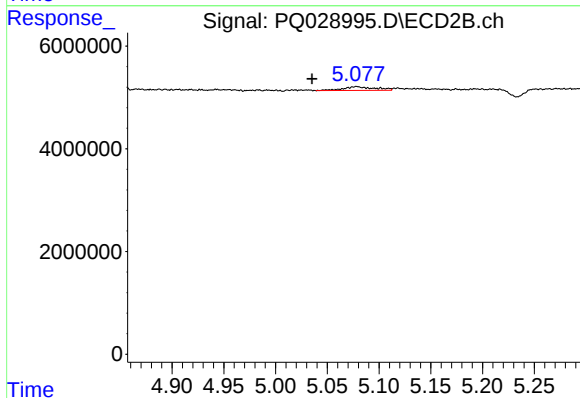
R.T.: 4.918 min
Delta R.T.: 0.000 min
Response: 421196
Conc: 2.27 ng/ml



#13 AR-1232-3

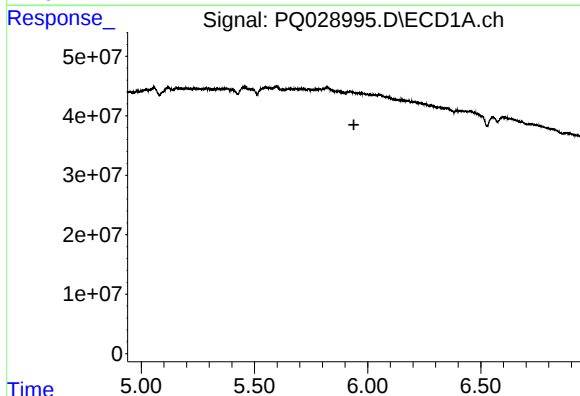
R.T.: 0.000 min
Exp R.T.: 5.842 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



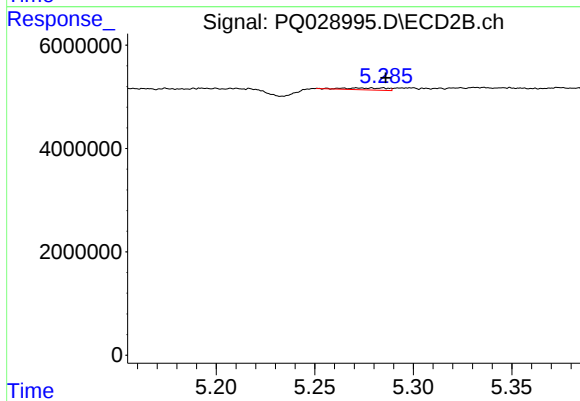
#13 AR-1232-3

R.T.: 5.079 min
Delta R.T.: 0.043 min
Response: 1584928
Conc: 11.43 ng/ml



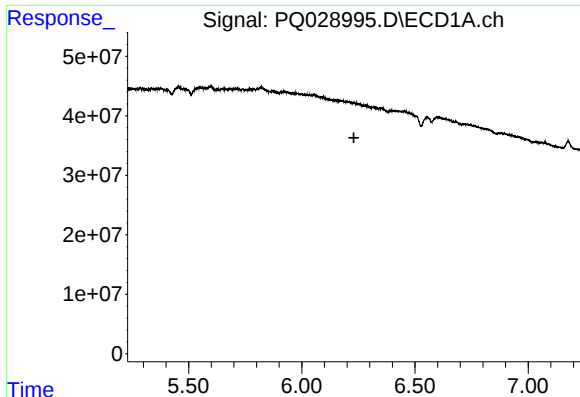
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.939 min
Response: 0
Conc: N.D.



#14 AR-1232-4

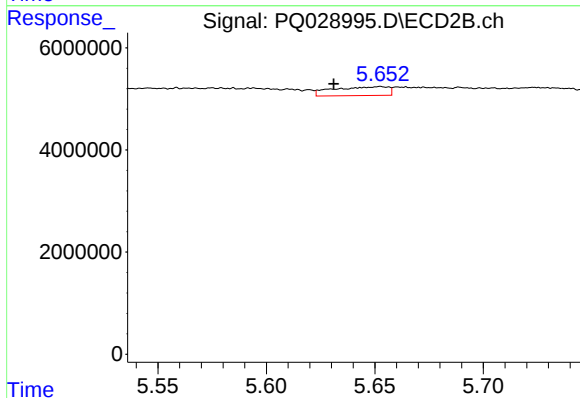
R.T.: 5.279 min
Delta R.T.: -0.007 min
Response: 553098
Conc: 3.77 ng/ml



#15 AR-1232-5

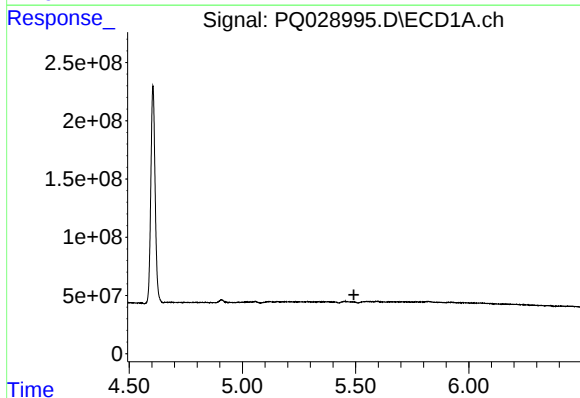
R.T.: 0.000 min
Exp R.T. : 6.230 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



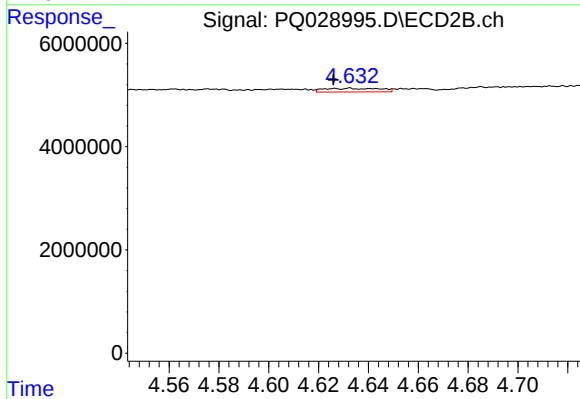
#15 AR-1232-5

R.T.: 5.653 min
Delta R.T.: 0.021 min
Response: 3045880
Conc: 18.65 ng/ml



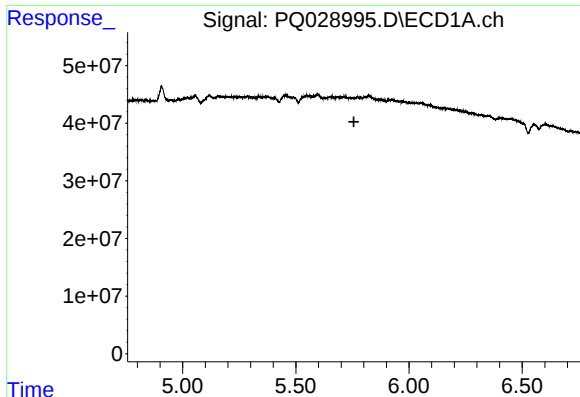
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.492 min
Response: 0
Conc: N.D.



#16 AR-1242-1

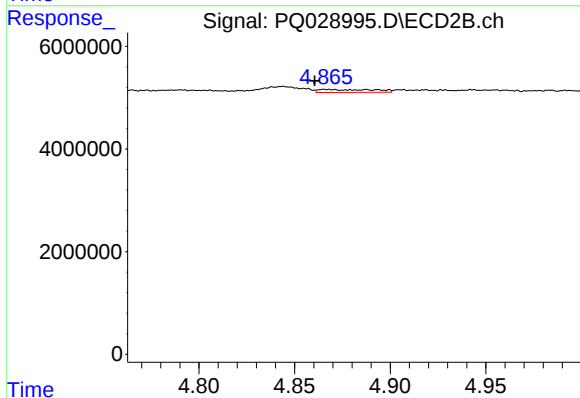
R.T.: 4.633 min
Delta R.T.: 0.007 min
Response: 1108691
Conc: 5.70 ng/ml



#17 AR-1242-2

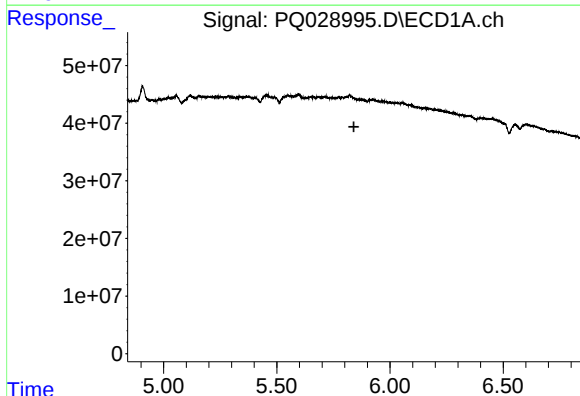
R.T.: 0.000 min
Exp R.T.: 5.757 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



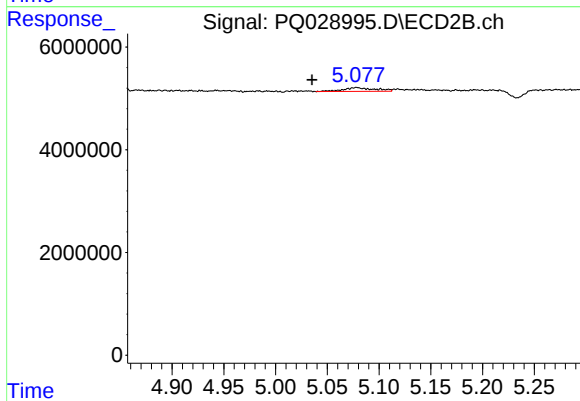
#17 AR-1242-2

R.T.: 4.866 min
Delta R.T.: 0.005 min
Response: 1150942
Conc: 2.53 ng/ml



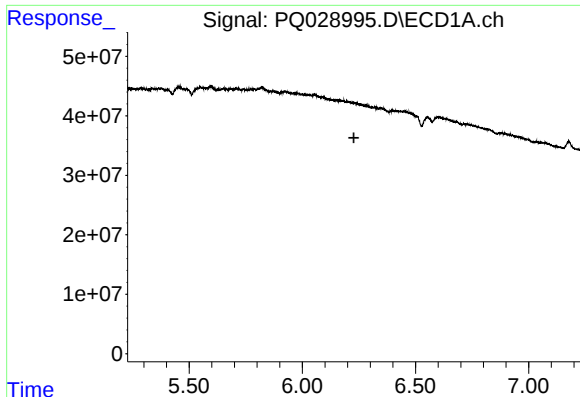
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.840 min
Response: 0
Conc: N.D.



#18 AR-1242-3

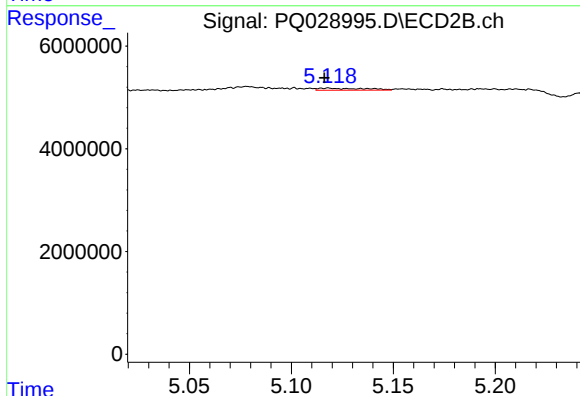
R.T.: 5.079 min
Delta R.T.: 0.043 min
Response: 1584928
Conc: 7.63 ng/ml



#19 AR-1242-4

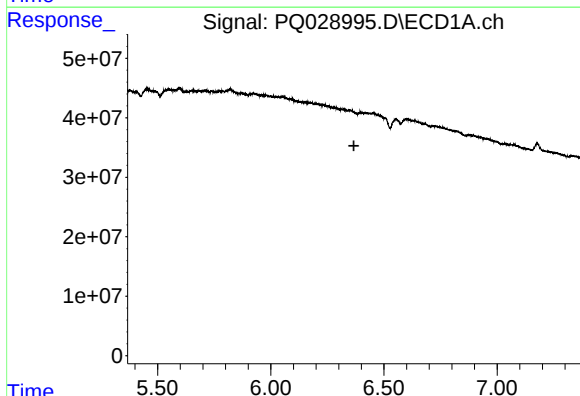
R.T.: 0.000 min
Exp R.T.: 6.228 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



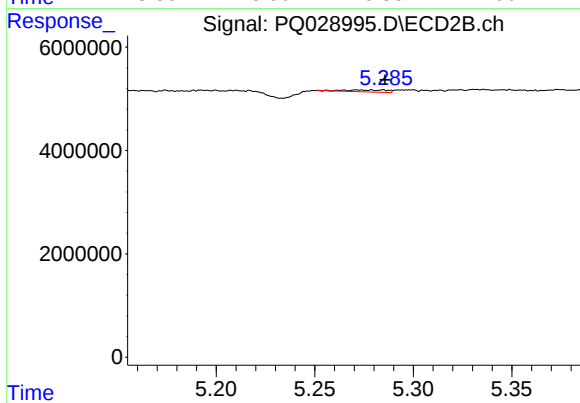
#19 AR-1242-4

R.T.: 5.118 min
Delta R.T.: 0.002 min
Response: 648457
Conc: 3.21 ng/ml



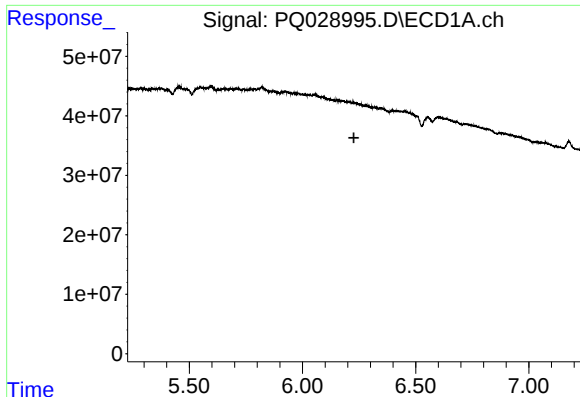
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.367 min
Response: 0
Conc: N.D.



#20 AR-1242-5

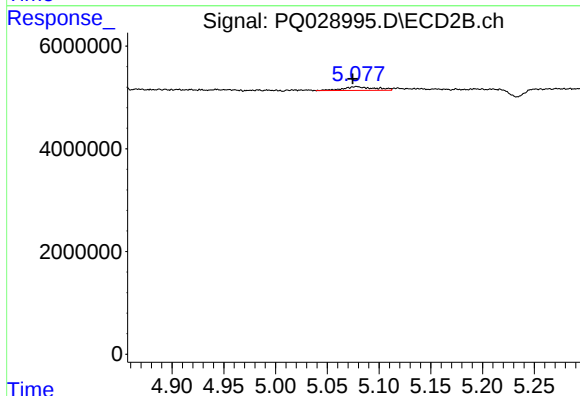
R.T.: 5.279 min
Delta R.T.: -0.007 min
Response: 553098
Conc: 2.44 ng/ml



#21 AR-1248-1

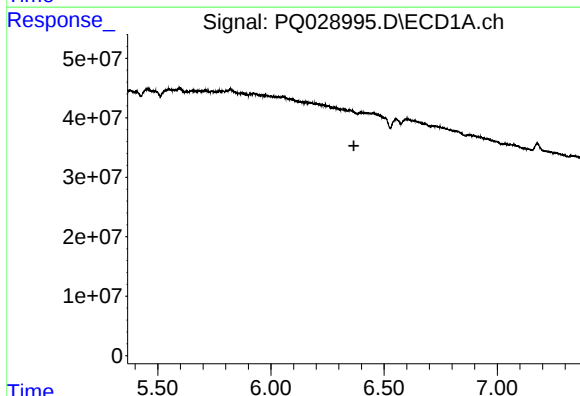
R.T.: 0.000 min
Exp R.T.: 6.227 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



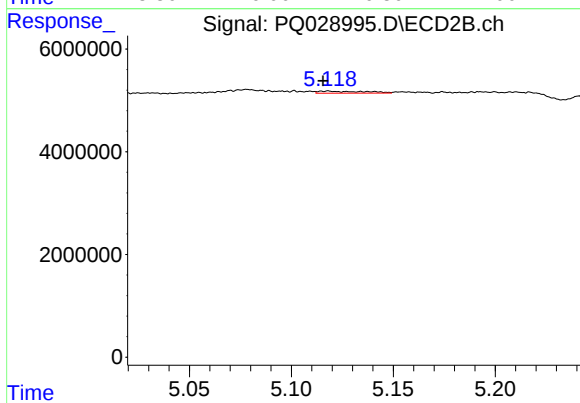
#21 AR-1248-1

R.T.: 5.079 min
Delta R.T.: 0.004 min
Response: 1584928
Conc: 5.37 ng/ml



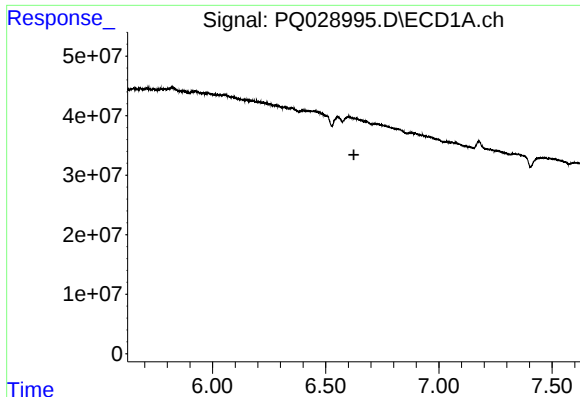
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 6.366 min
Response: 0
Conc: N.D.



#22 AR-1248-2

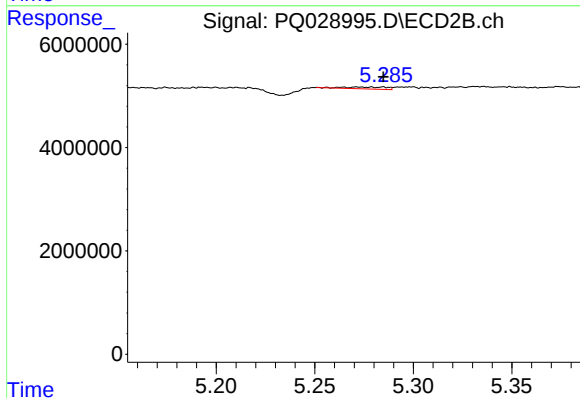
R.T.: 5.118 min
Delta R.T.: 0.003 min
Response: 648457
Conc: 2.11 ng/ml



#23 AR-1248-3

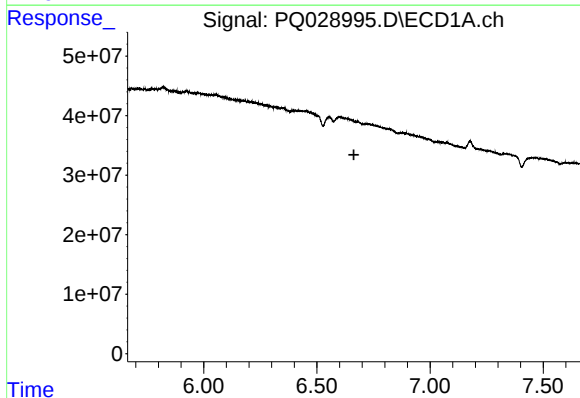
R.T.: 0.000 min
Exp R.T.: 6.624 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



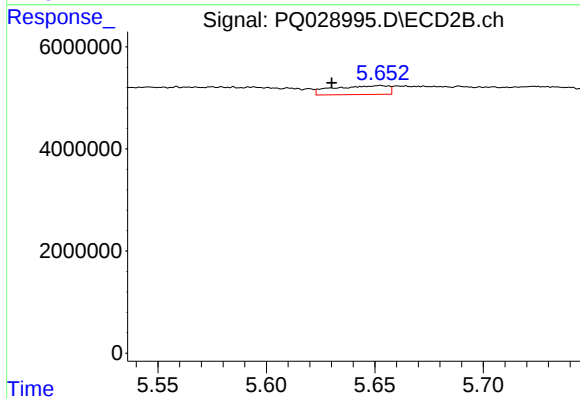
#23 AR-1248-3

R.T.: 5.279 min
Delta R.T.: -0.006 min
Response: 553098
Conc: 1.42 ng/ml



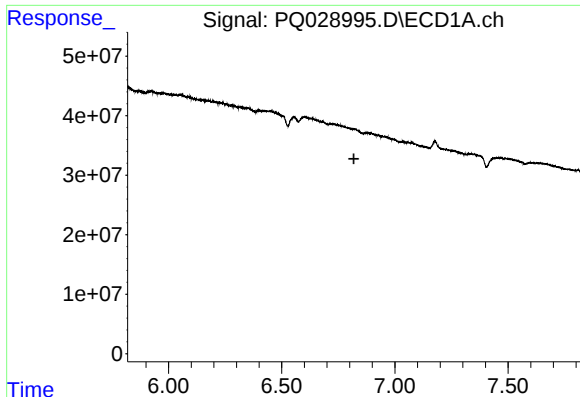
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 6.663 min
Response: 0
Conc: N.D.



#24 AR-1248-4

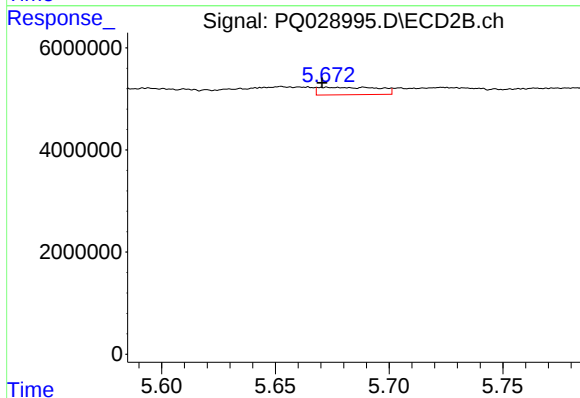
R.T.: 5.653 min
Delta R.T.: 0.022 min
Response: 3045880
Conc: 5.42 ng/ml



#25 AR-1248-5

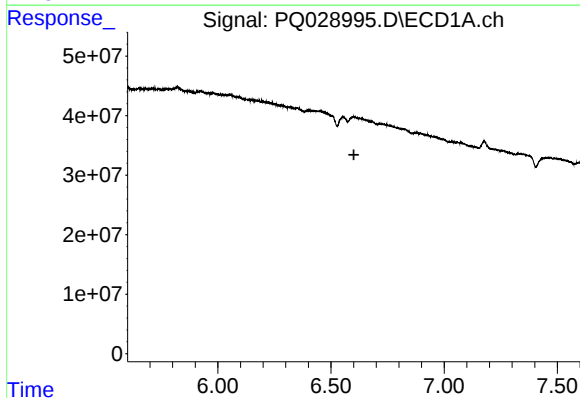
R.T.: 0.000 min
Exp R.T. : 6.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



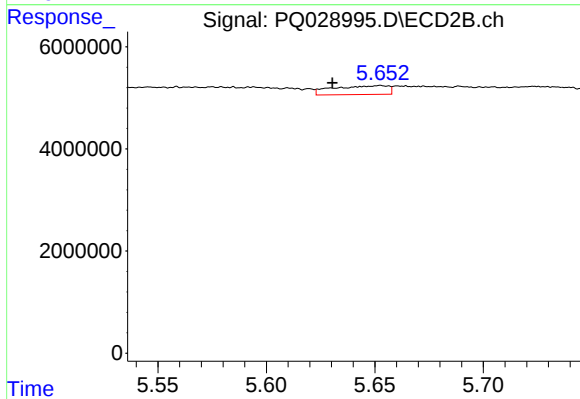
#25 AR-1248-5

R.T.: 5.672 min
Delta R.T.: 0.002 min
Response: 2668519
Conc: 6.46 ng/ml



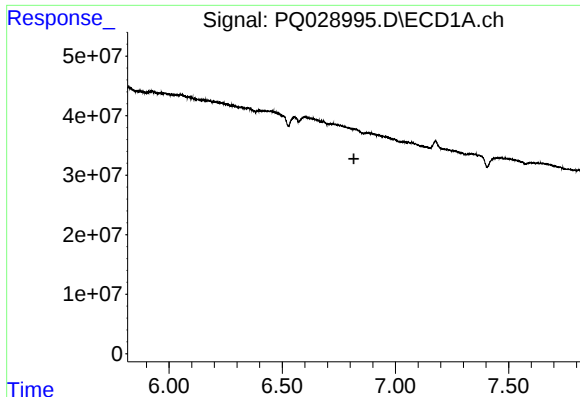
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 6.601 min
Response: 0
Conc: N.D.



#26 AR-1254-1

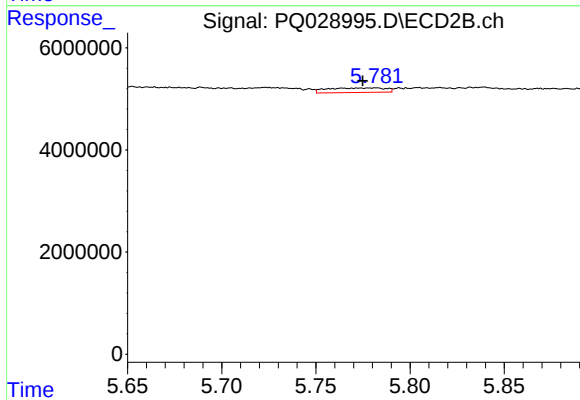
R.T.: 5.653 min
Delta R.T.: 0.022 min
Response: 3045880
Conc: 5.68 ng/ml



#27 AR-1254-2

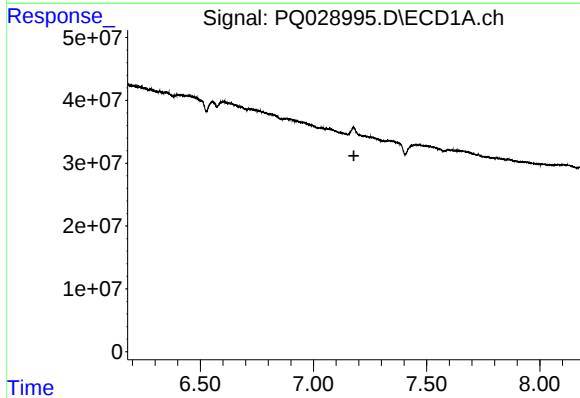
R.T.: 0.000 min
Exp R.T.: 6.817 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



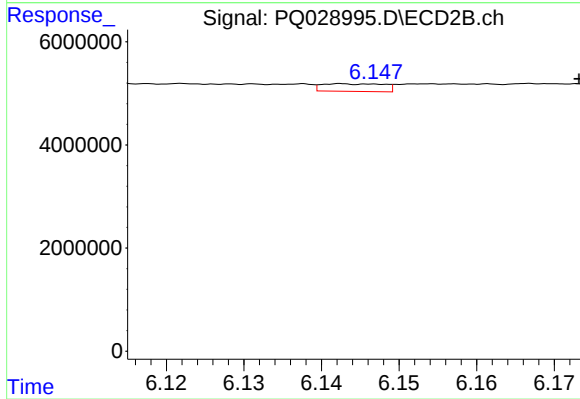
#27 AR-1254-2

R.T.: 5.782 min
Delta R.T.: 0.007 min
Response: 1942278
Conc: 4.24 ng/ml



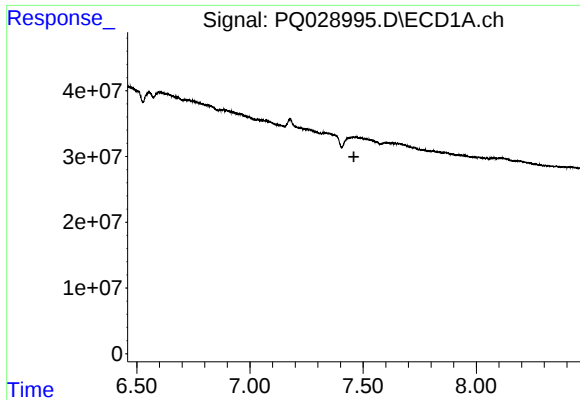
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T.: 7.179 min
Response: 0
Conc: N.D.



#28 AR-1254-3

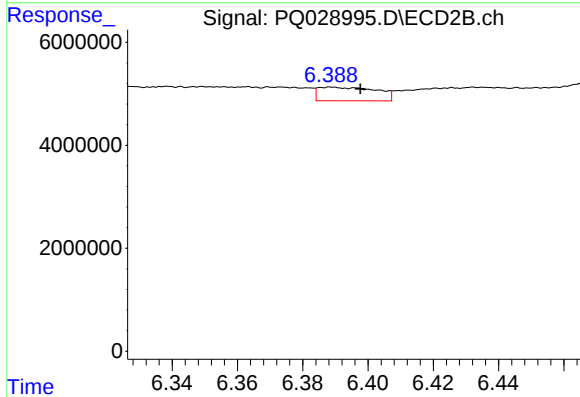
R.T.: 6.143 min
Delta R.T.: -0.030 min
Response: 818738
Conc: 1.03 ng/ml



#29 AR-1254-4

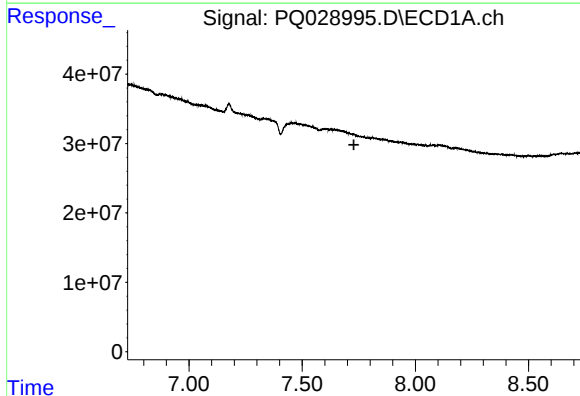
R.T.: 0.000 min
Exp R.T.: 7.459 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



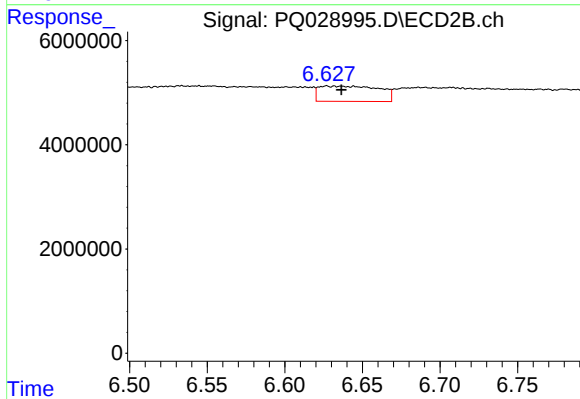
#29 AR-1254-4

R.T.: 6.389 min
Delta R.T.: -0.009 min
Response: 3253421
Conc: 5.97 ng/ml



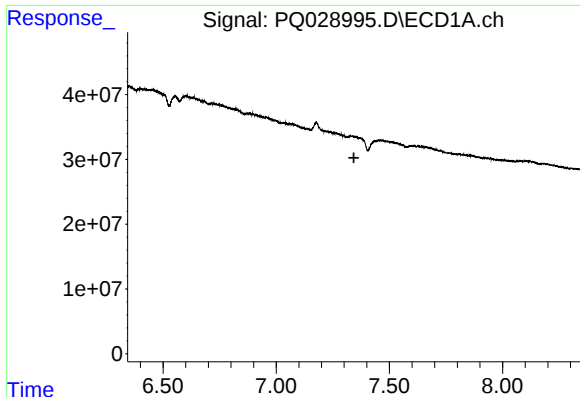
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 7.729 min
Response: 0
Conc: N.D.



#30 AR-1254-5

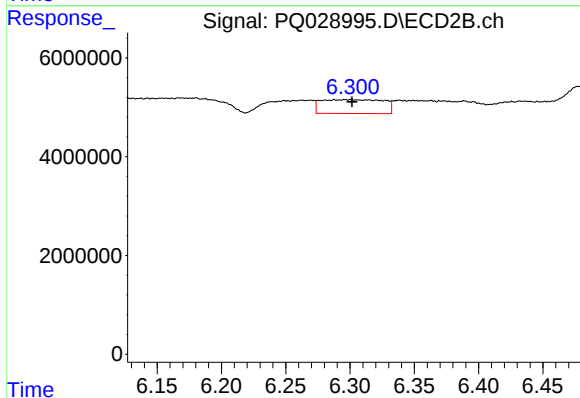
R.T.: 6.627 min
Delta R.T.: -0.009 min
Response: 7954852
Conc: 22.99 ng/ml



#31 AR-1260-1

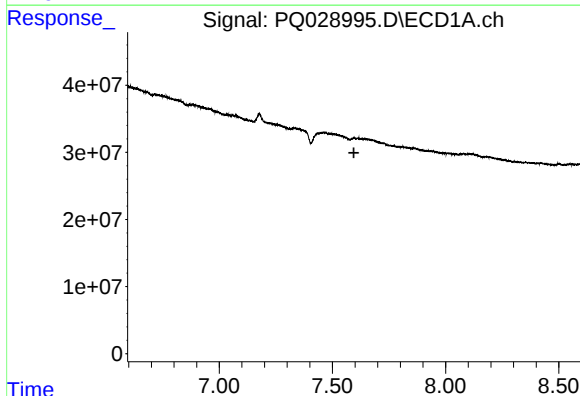
R.T.: 0.000 min
Exp R.T. : 7.343 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



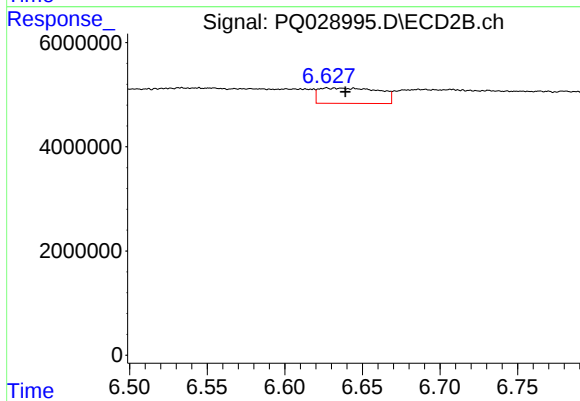
#31 AR-1260-1

R.T.: 6.301 min
Delta R.T.: -0.001 min
Response: 9464517
Conc: 15.35 ng/ml



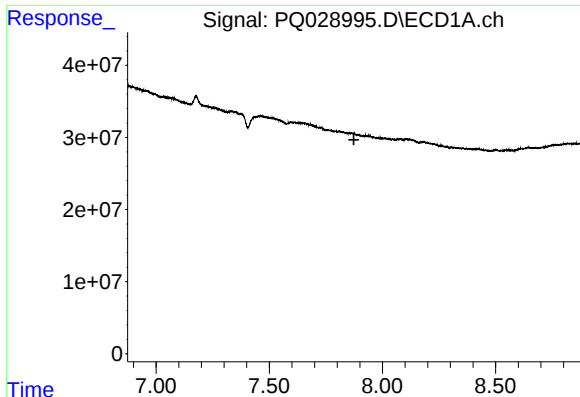
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 7.595 min
Response: 0
Conc: N.D.



#32 AR-1260-2

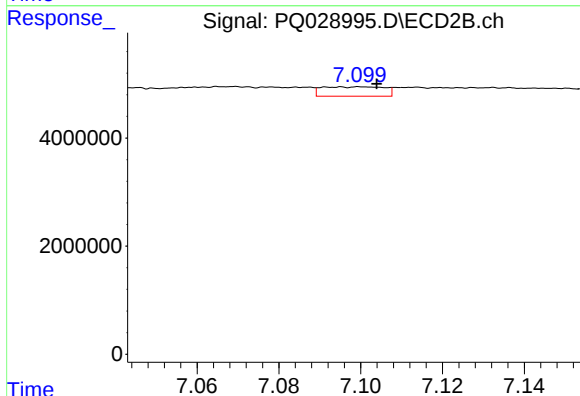
R.T.: 6.627 min
Delta R.T.: -0.012 min
Response: 7954852
Conc: 11.23 ng/ml



#33 AR-1260-3

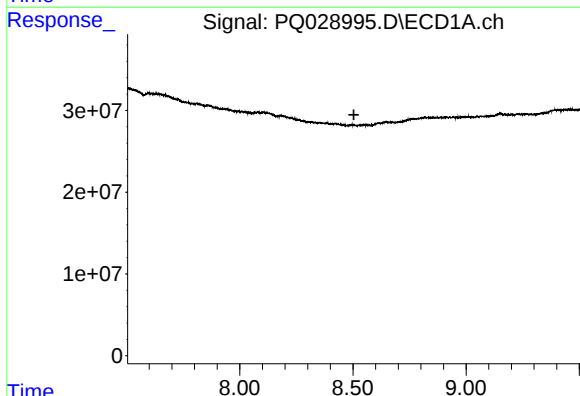
R.T.: 0.000 min
Exp R.T.: 7.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



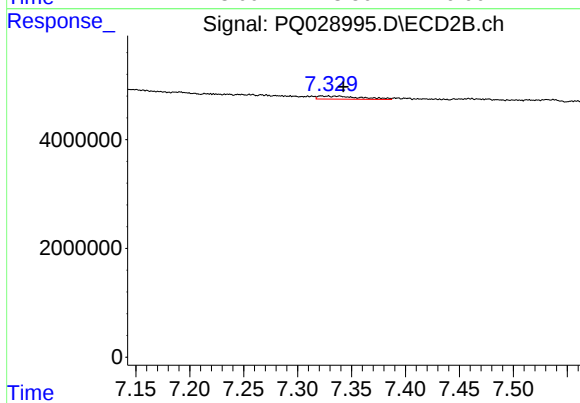
#33 AR-1260-3

R.T.: 7.095 min
Delta R.T.: -0.009 min
Response: 1847827
Conc: 3.12 ng/ml



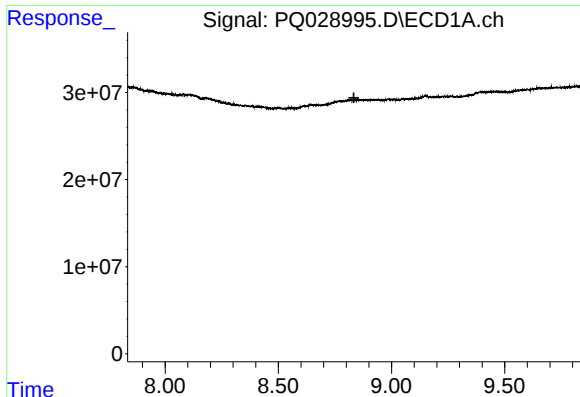
#34 AR-1260-4

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



#34 AR-1260-4

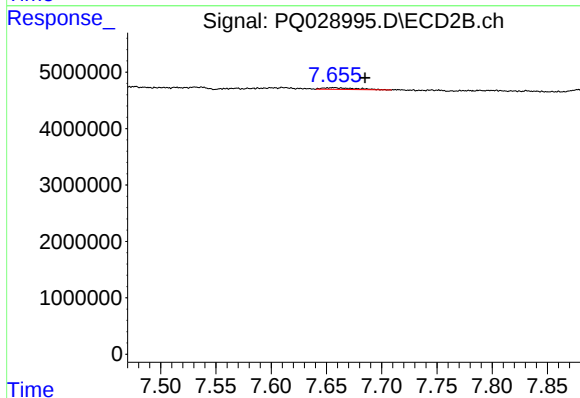
R.T.: 7.328 min
Delta R.T.: -0.014 min
Response: 1575655
Conc: 1.08 ng/ml



#35 AR-1260-5

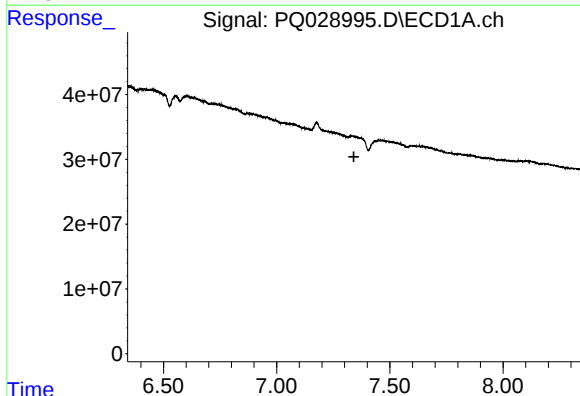
R.T.: 0.000 min
Exp R.T.: 8.834 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



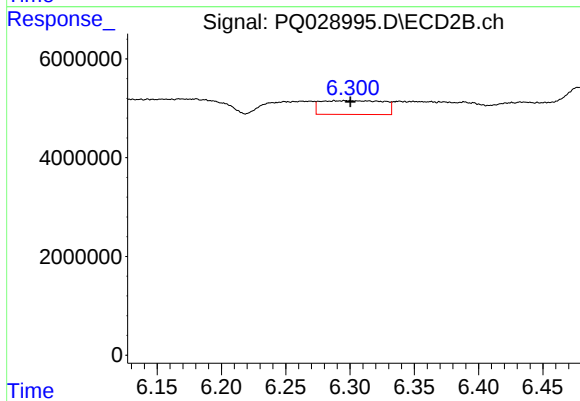
#35 AR-1260-5

R.T.: 7.657 min
Delta R.T.: -0.028 min
Response: 606441
Conc: 0.58 ng/ml



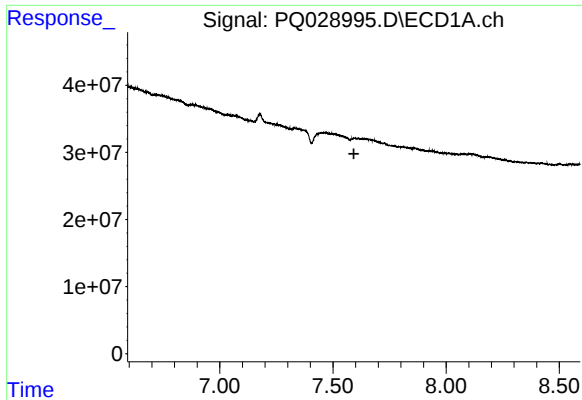
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 7.341 min
Response: 0
Conc: N.D.



#36 AR-1262-1

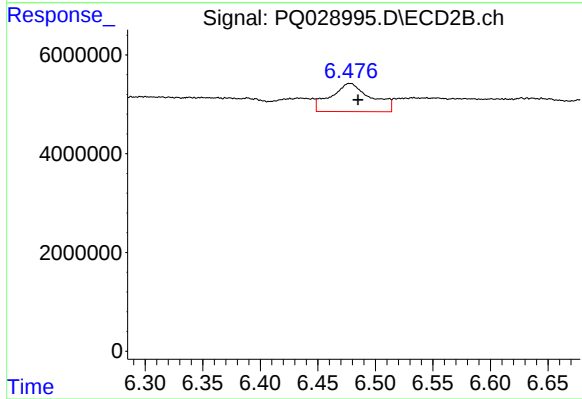
R.T.: 6.301 min
Delta R.T.: 0.000 min
Response: 9464517
Conc: 18.90 ng/ml



#37 AR-1262-2

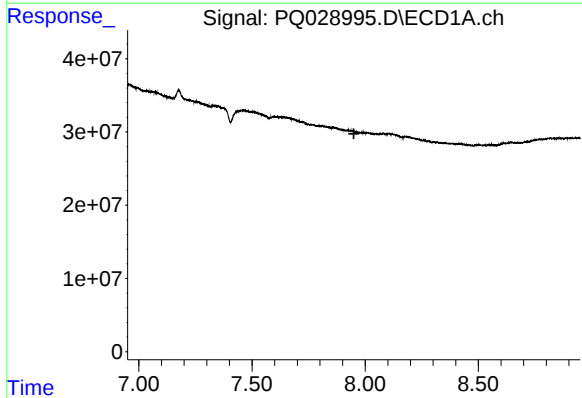
R.T.: 0.000 min
Exp R.T.: 7.592 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



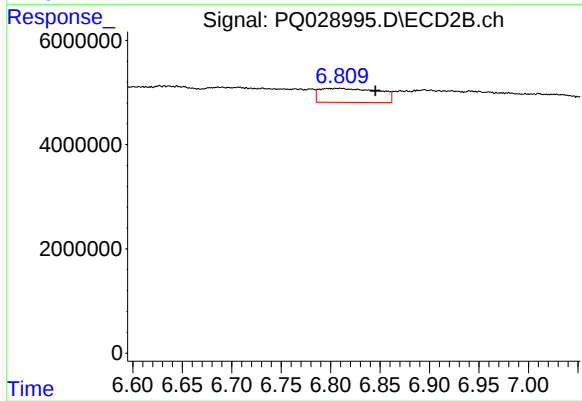
#37 AR-1262-2

R.T.: 6.478 min
Delta R.T.: -0.007 min
Response: 13929247
Conc: 21.83 ng/ml



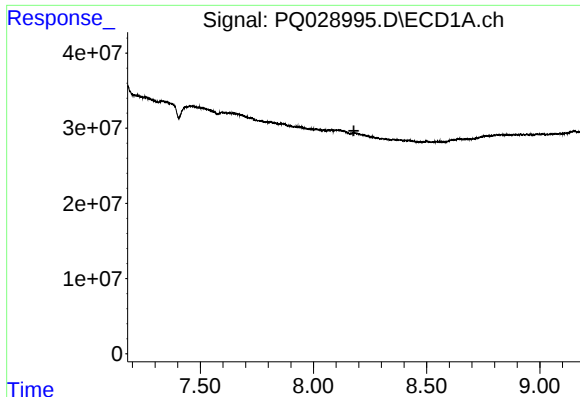
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 7.950 min
Response: 0
Conc: N.D.



#38 AR-1262-3

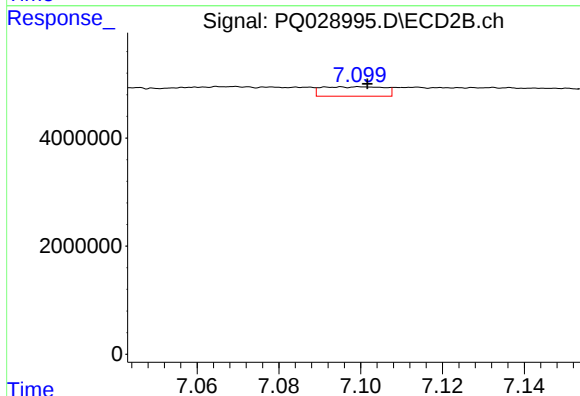
R.T.: 6.796 min
Delta R.T.: -0.049 min
Response: 11236282
Conc: 12.40 ng/ml



#39 AR-1262-4

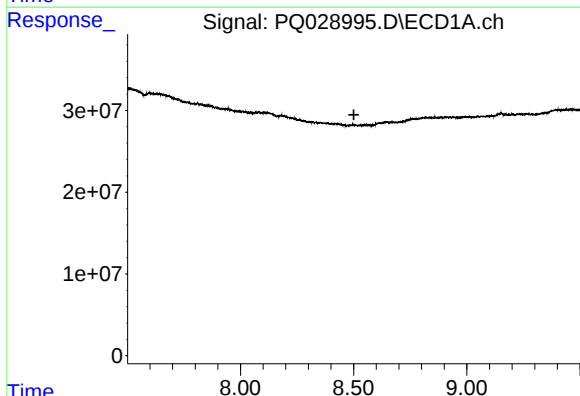
R.T.: 0.000 min
Exp R.T.: 8.179 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



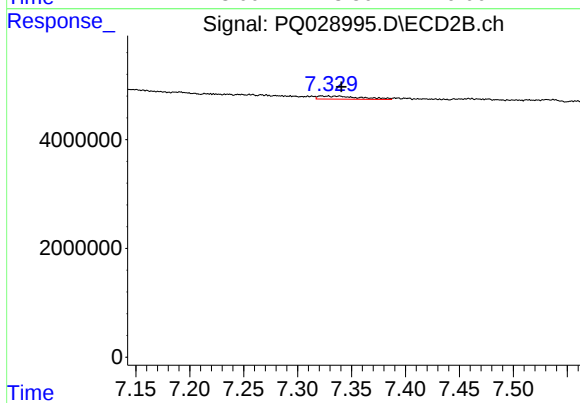
#39 AR-1262-4

R.T.: 7.095 min
Delta R.T.: -0.006 min
Response: 1847827
Conc: 2.32 ng/ml



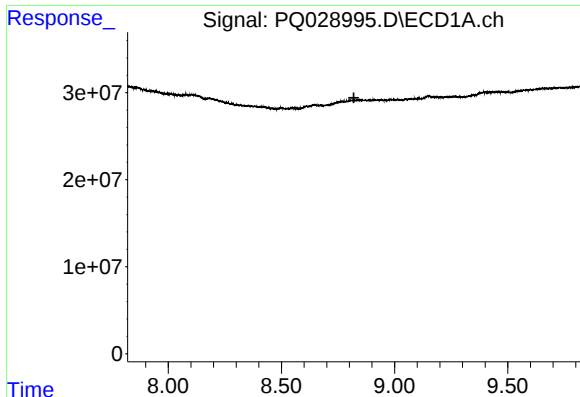
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 8.501 min
Response: 0
Conc: N.D.



#40 AR-1262-5

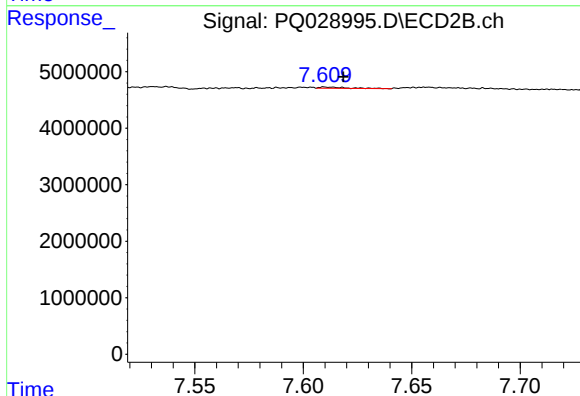
R.T.: 7.328 min
Delta R.T.: -0.012 min
Response: 1575655
Conc: 0.94 ng/ml



#41 AR-1268-1

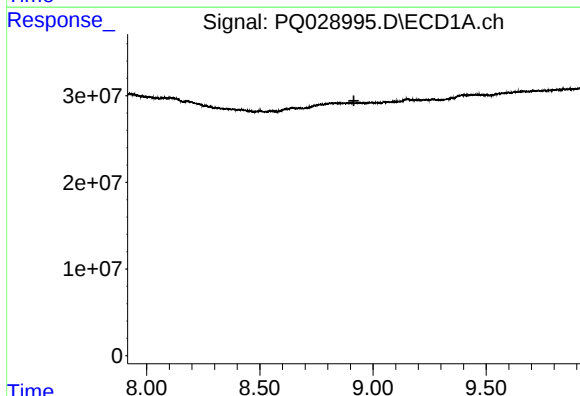
R.T.: 0.000 min
Exp R.T.: 8.820 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



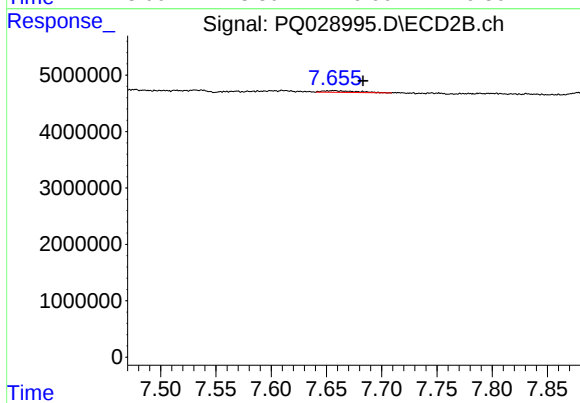
#41 AR-1268-1

R.T.: 7.610 min
Delta R.T.: -0.008 min
Response: 198578
Conc: 0.11 ng/ml



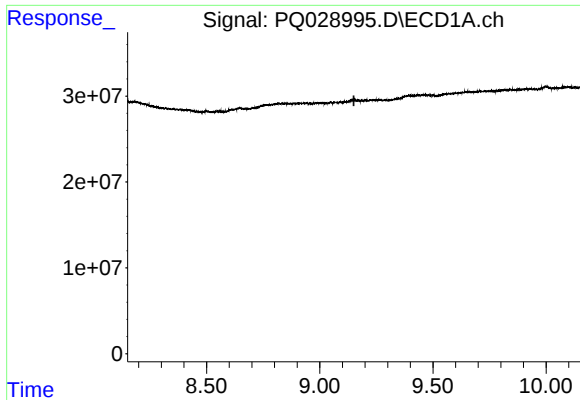
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.916 min
Response: 0
Conc: N.D.



#42 AR-1268-2

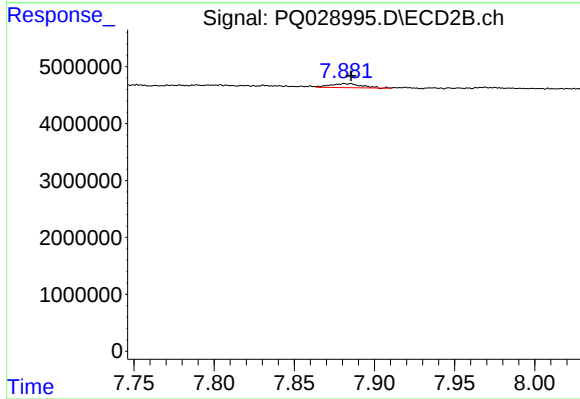
R.T.: 7.657 min
Delta R.T.: -0.026 min
Response: 606441
Conc: 0.34 ng/ml



#43 AR-1268-3

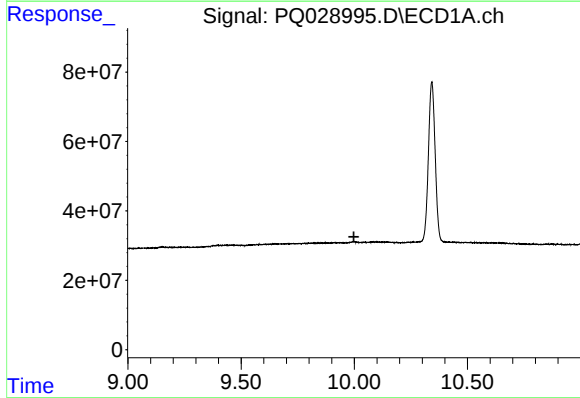
R.T.: 0.000 min
Exp R.T.: 9.151 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



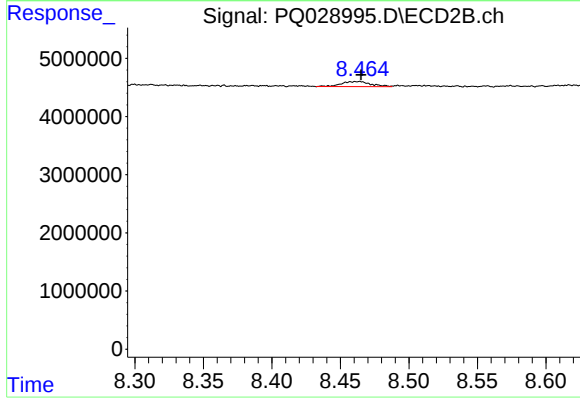
#43 AR-1268-3

R.T.: 7.882 min
Delta R.T.: -0.004 min
Response: 958713
Conc: 0.70 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.998 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.463 min
Delta R.T.: -0.002 min
Response: 1337009
Conc: 0.30 ng/ml