

Data Path : P:\HPCHEM1\ECD_Q\Data\PQ052118\
 Data File : PQ028996.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2018 17:13
 Operator : UA/SM
 Sample : J2999-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 06:37:54 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...	4.604	3.768	2298.4E6	260.4E6	27.812	29.126
2)	SA Decachlor...	10.343	8.711	997.7E6	149.0E6	16.364	12.830
Target Compounds							
3)	L1 AR-1016-1	4.907	4.626	35759345	1935876	27.027	7.930 #
4)	L1 AR-1016-2	0.000	5.076	0	723368	N.D.	2.639 #
5)	L1 AR-1016-3	0.000	5.076	0	723368	N.D.	3.389 #
6)	L1 AR-1016-4	0.000	5.108	0	651019	N.D.	2.492 #
7)	L1 AR-1016-5	0.000	5.282	0	1235038	N.D.	4.271 #
8)	L2 AR-1221-1	0.000	3.972	0	803870	N.D.	4.024 #
9)	L2 AR-1221-2	4.907	4.066	35759345	6446038	27.498	43.254 #
10)	L2 AR-1221-3	4.907	4.137	35759345	1058298	8.540	2.304 #
11)	L3 AR-1232-1	4.907	4.137	35759345	1058298	21.104	5.037 #
12)	L3 AR-1232-2	0.000	4.912	0	1353543	N.D.	7.296 #
13)	L3 AR-1232-3	0.000	5.076	0	723368	N.D.	5.217 #
14)	L3 AR-1232-4	0.000	5.282	0	1235038	N.D.	8.408 #
15)	L3 AR-1232-5	0.000	5.629	0	2308602	N.D.	14.139 #
16)	L4 AR-1242-1	0.000	4.626	0	1935876	N.D.	9.959 #
17)	L4 AR-1242-2	0.000	4.843	0	2842499	N.D.	6.247 #
18)	L4 AR-1242-3	0.000	5.076	0	723368	N.D.	3.484 #
19)	L4 AR-1242-4	0.000	5.108	0	651019	N.D.	3.223 #
20)	L4 AR-1242-5	0.000	5.282	0	1235038	N.D.	5.456 #
21)	L5 AR-1248-1	0.000	5.076	0	723368	N.D.	2.450 #
22)	L5 AR-1248-2	0.000	5.108	0	651019	N.D.	2.115 #
23)	L5 AR-1248-3	0.000	5.282	0	1235038	N.D.	3.164 #
24)	L5 AR-1248-4	0.000	5.629	0	2308602	N.D.	4.111 #
25)	L5 AR-1248-5	0.000	5.655	0	4341157	N.D.	10.516 #
26)	L6 AR-1254-1	0.000	5.629	0	2308602	N.D.	4.305 #
27)	L6 AR-1254-2	0.000	5.773	0	2292928	N.D.	5.000 #
28)	L6 AR-1254-3	7.176	6.171	27337481	9715759	4.593	12.262 #
29)	L6 AR-1254-4	7.459	6.391	48768445	5106262	10.433	9.374
30)	L6 AR-1254-5	0.000	6.633	0	10726474	N.D.	30.997 #
31)	L7 AR-1260-1	0.000	6.298	0	26207142	N.D.	42.494 #
32)	L7 AR-1260-2	0.000	6.633	0	10726474	N.D.	15.145 #
33)	L7 AR-1260-3	0.000	7.096	0	6700755	N.D.	11.304 #
34)	L7 AR-1260-4	0.000	7.337	0	6842102	N.D.	4.678 #
35)	L7 AR-1260-5	0.000	7.679	0	1429898	N.D.	1.361 #
36)	L8 AR-1262-1	0.000	6.298	0	26207142	N.D.	52.338 #
37)	L8 AR-1262-2	0.000	6.479	0	34068410	N.D.	53.394 #
38)	L8 AR-1262-3	0.000	6.839	0	4453810	N.D.	4.914 #
39)	L8 AR-1262-4	0.000	7.096	0	6700755	N.D.	8.426 #
40)	L8 AR-1262-5	0.000	7.337	0	6842102	N.D.	4.075 #
41)	L9 AR-1268-1	0.000	7.616	0	711930	N.D.	0.392 #

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Quant Time: May 21 06:37:54 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
42)	L9 AR-1268-2	0.000	7.679	0	1429898	N.D.	0.807 #
43)	L9 AR-1268-3	0.000	7.881	0	1300935	N.D.	0.945 #
44)	L9 AR-1268-4	0.000	8.172	0	1163588	N.D.	1.849 #
45)	L9 AR-1268-5	0.000	8.461	0	1372666	N.D.	0.312 #

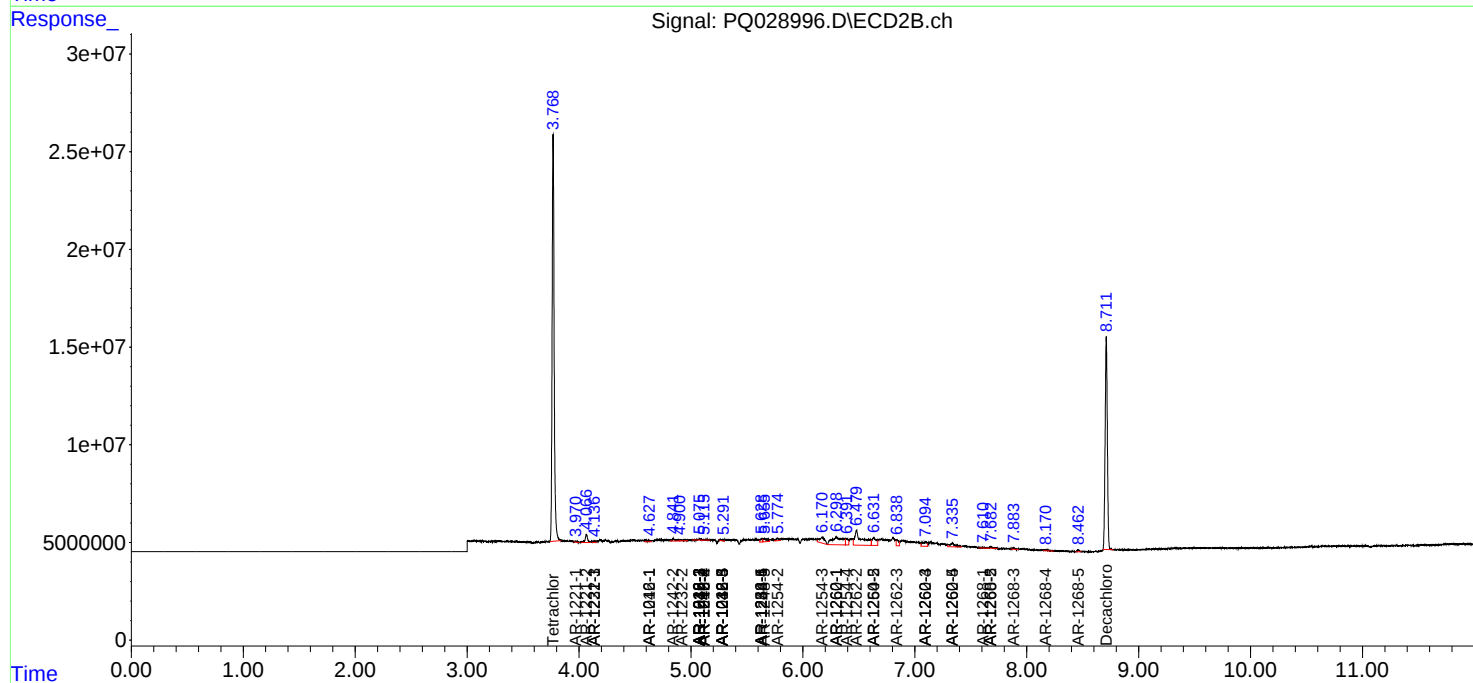
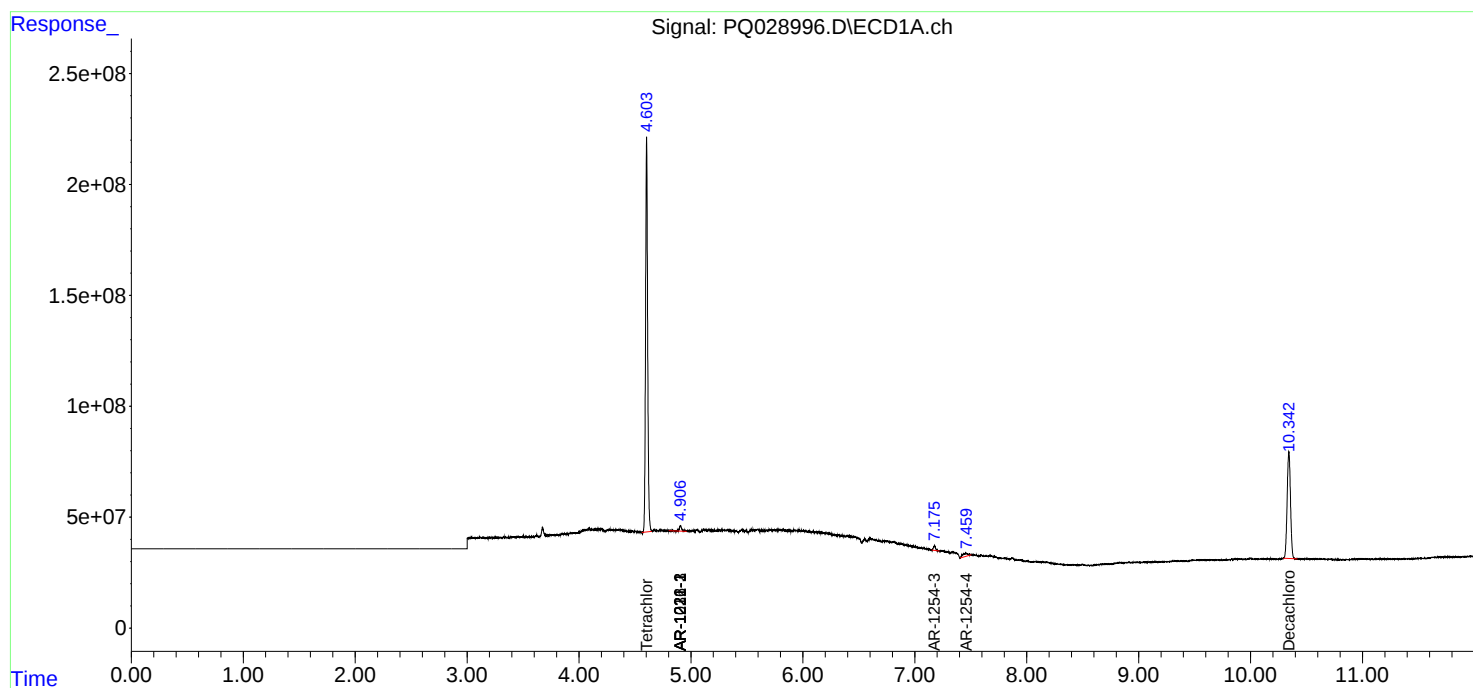
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

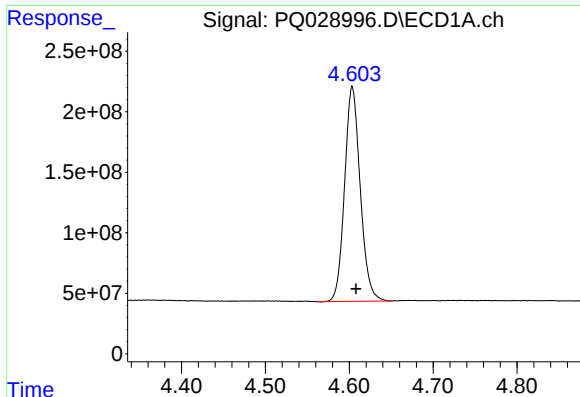
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

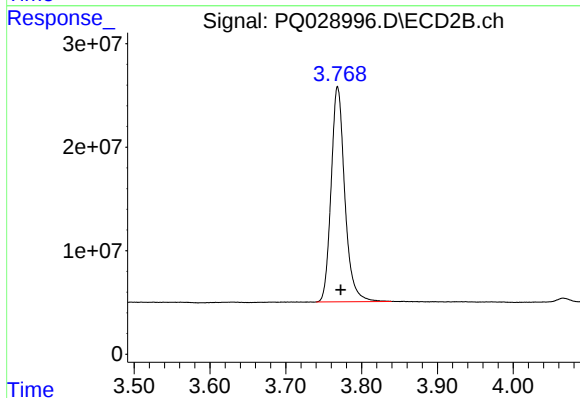




#1 Tetrachloro-m-xylene

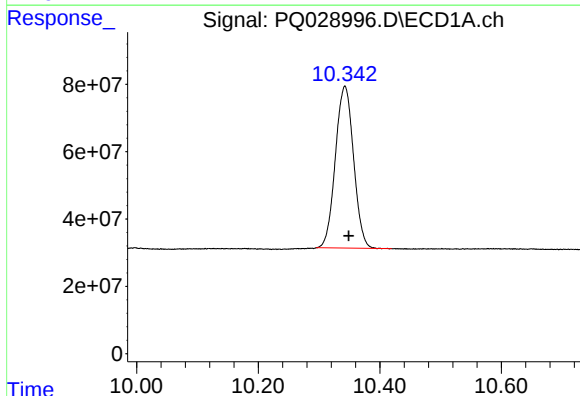
R.T.: 4.604 min
Delta R.T.: -0.004 min
Response: 2298394292
Conc: 27.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



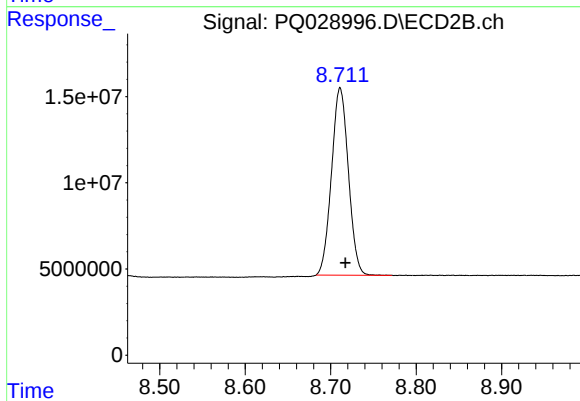
#1 Tetrachloro-m-xylene

R.T.: 3.768 min
Delta R.T.: -0.004 min
Response: 260439810
Conc: 29.13 ng/ml



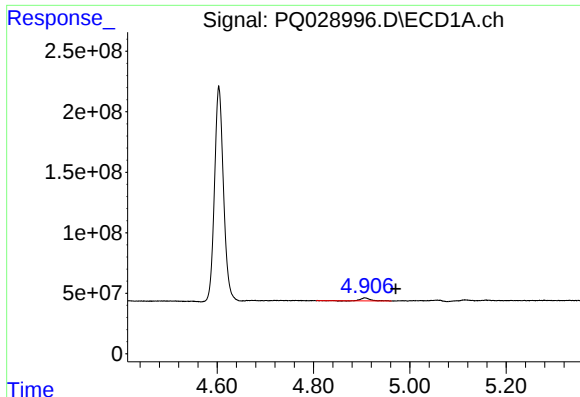
#2 Decachlorobiphenyl

R.T.: 10.343 min
Delta R.T.: -0.006 min
Response: 997667383
Conc: 16.36 ng/ml



#2 Decachlorobiphenyl

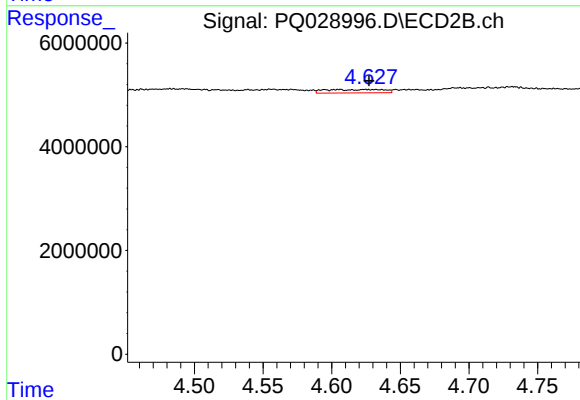
R.T.: 8.711 min
Delta R.T.: -0.006 min
Response: 148996258
Conc: 12.83 ng/ml



#3 AR-1016-1

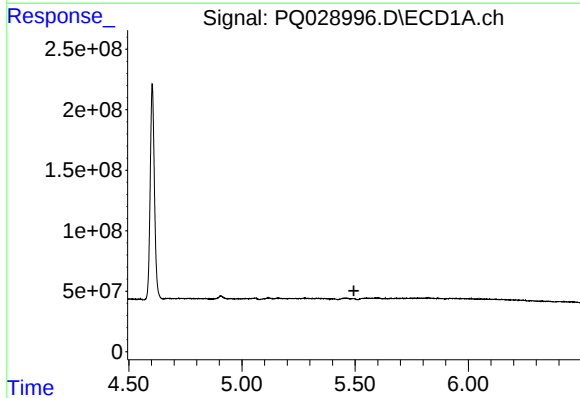
R.T.: 4.907 min
Delta R.T.: -0.063 min
Response: 35759345
Conc: 27.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



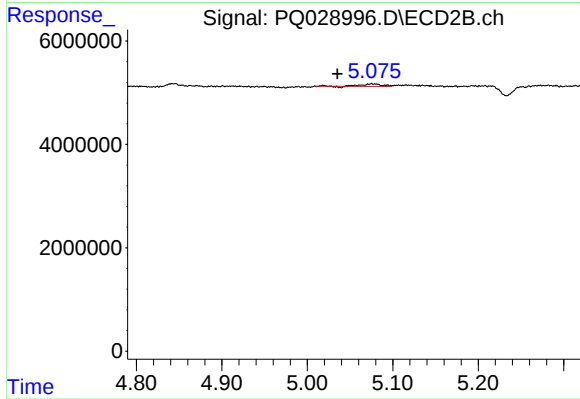
#3 AR-1016-1

R.T.: 4.626 min
Delta R.T.: 0.000 min
Response: 1935876
Conc: 7.93 ng/ml



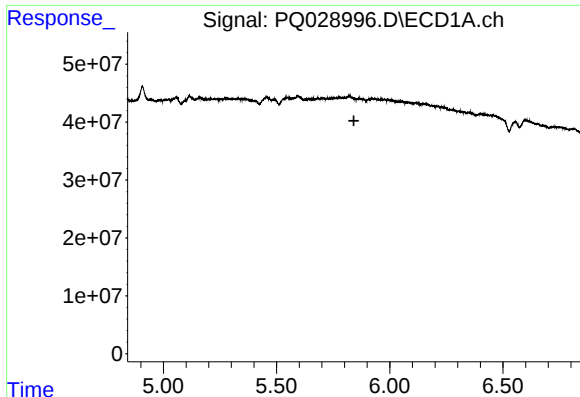
#4 AR-1016-2

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



#4 AR-1016-2

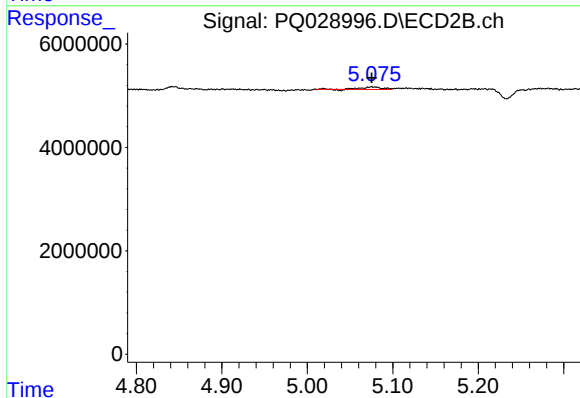
R.T.: 5.076 min
Delta R.T.: 0.041 min
Response: 723368
Conc: 2.64 ng/ml



#5 AR-1016-3

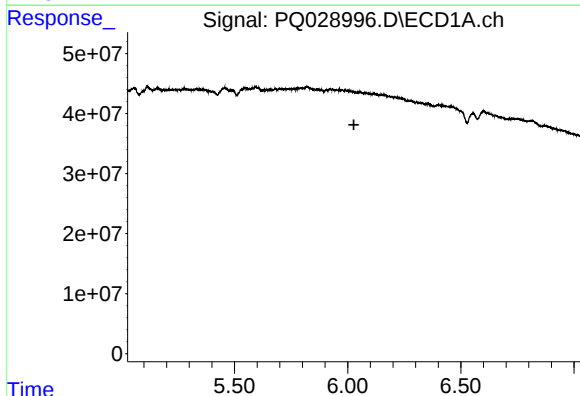
R.T.: 0.000 min
Exp R.T.: 5.841 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



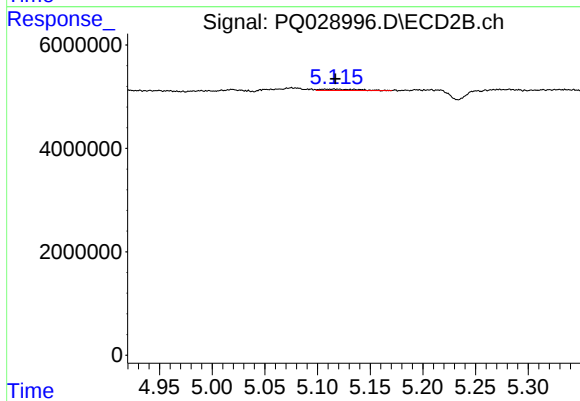
#5 AR-1016-3

R.T.: 5.076 min
Delta R.T.: 0.000 min
Response: 723368
Conc: 3.39 ng/ml



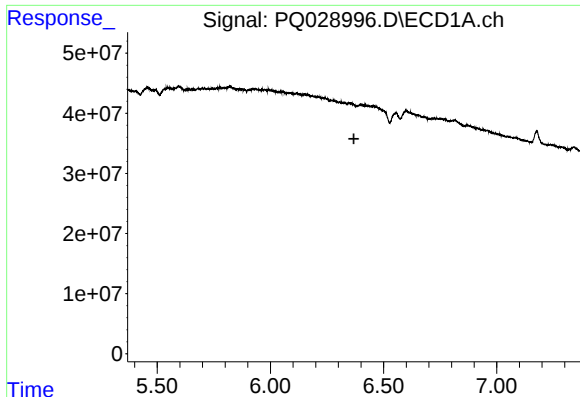
#6 AR-1016-4

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



#6 AR-1016-4

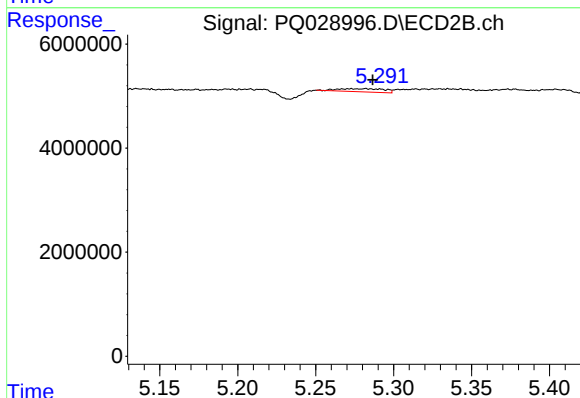
R.T.: 5.108 min
Delta R.T.: -0.009 min
Response: 651019
Conc: 2.49 ng/ml



#7 AR-1016-5

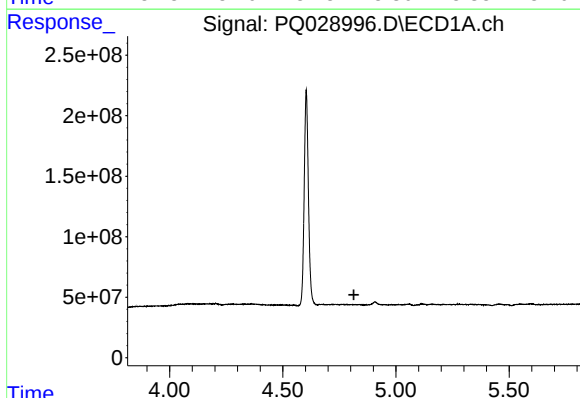
R.T.: 0.000 min
Exp R.T.: 6.369 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



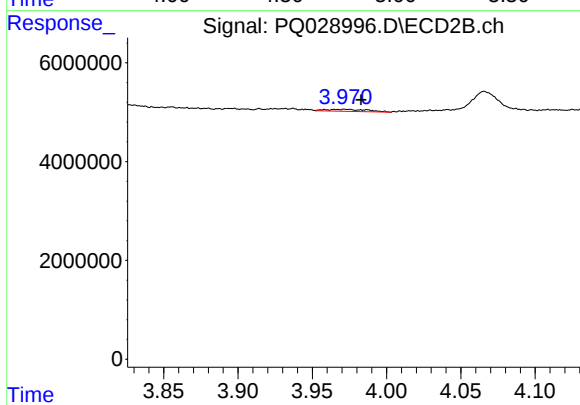
#7 AR-1016-5

R.T.: 5.282 min
Delta R.T.: -0.005 min
Response: 1235038
Conc: 4.27 ng/ml



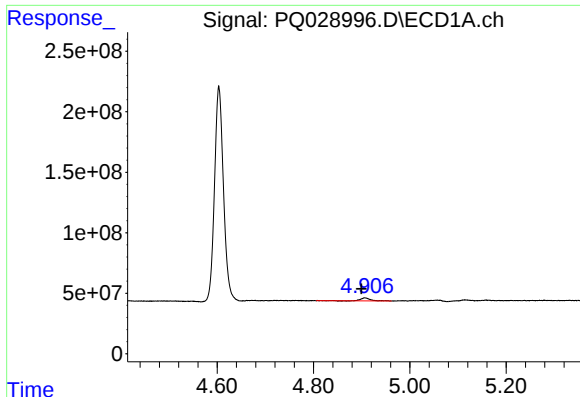
#8 AR-1221-1

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



#8 AR-1221-1

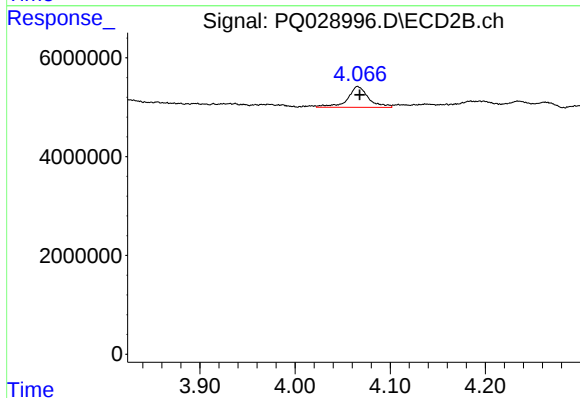
R.T.: 3.972 min
Delta R.T.: -0.010 min
Response: 803870
Conc: 4.02 ng/ml



#9 AR-1221-2

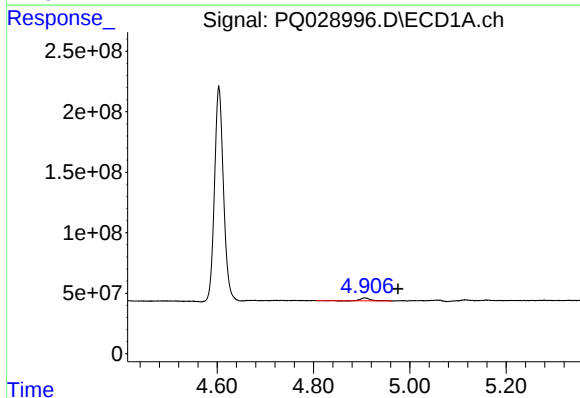
R.T.: 4.907 min
Delta R.T.: 0.007 min
Response: 35759345
Conc: 27.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



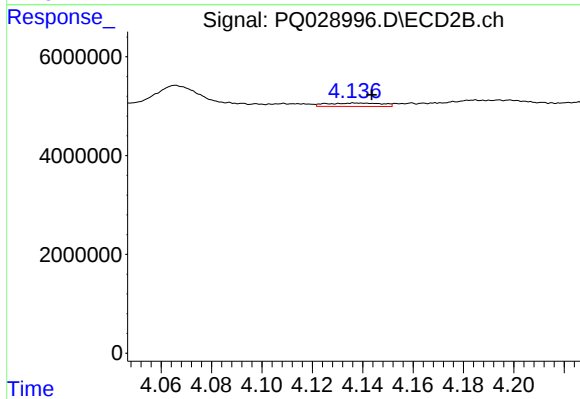
#9 AR-1221-2

R.T.: 4.066 min
Delta R.T.: -0.002 min
Response: 6446038
Conc: 43.25 ng/ml



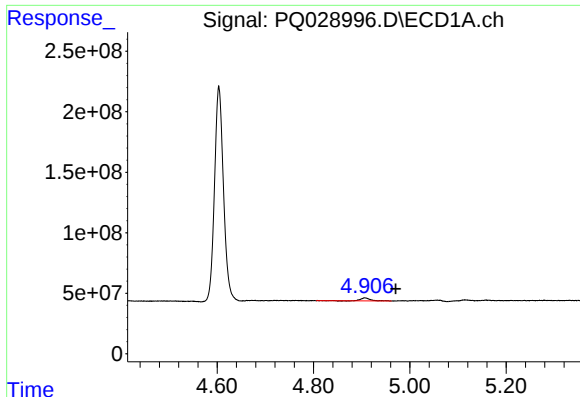
#10 AR-1221-3

R.T.: 4.907 min
Delta R.T.: -0.069 min
Response: 35759345
Conc: 8.54 ng/ml



#10 AR-1221-3

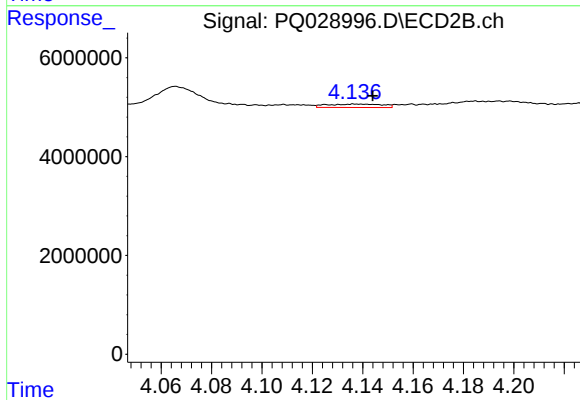
R.T.: 4.137 min
Delta R.T.: -0.006 min
Response: 1058298
Conc: 2.30 ng/ml



#11 AR-1232-1

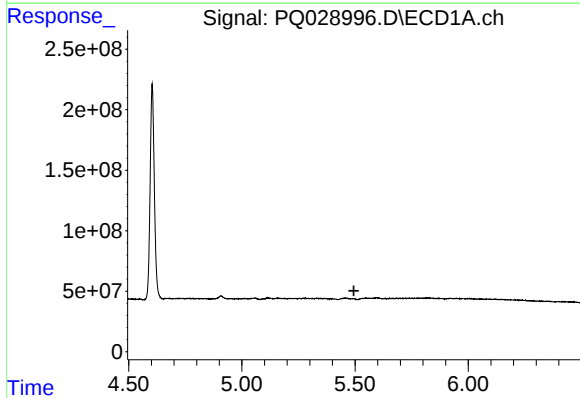
R.T.: 4.907 min
Delta R.T.: -0.063 min
Response: 35759345
Conc: 21.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



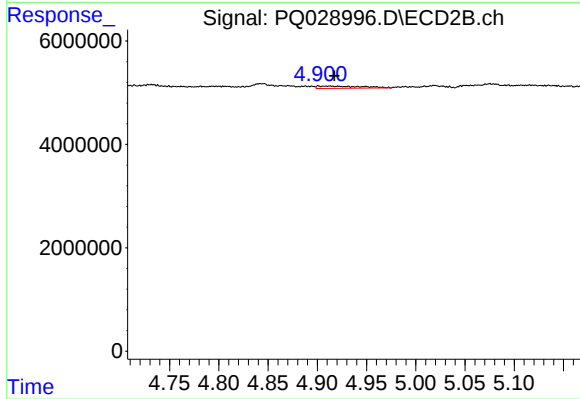
#11 AR-1232-1

R.T.: 4.137 min
Delta R.T.: -0.007 min
Response: 1058298
Conc: 5.04 ng/ml



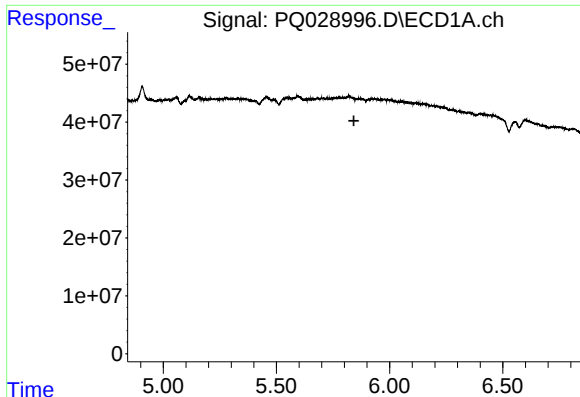
#12 AR-1232-2

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



#12 AR-1232-2

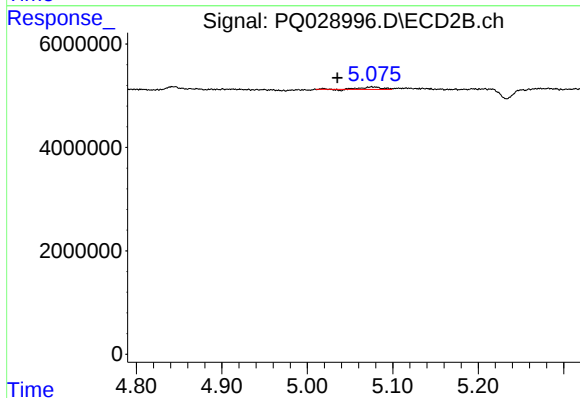
R.T.: 4.912 min
Delta R.T.: -0.006 min
Response: 1353543
Conc: 7.30 ng/ml



#13 AR-1232-3

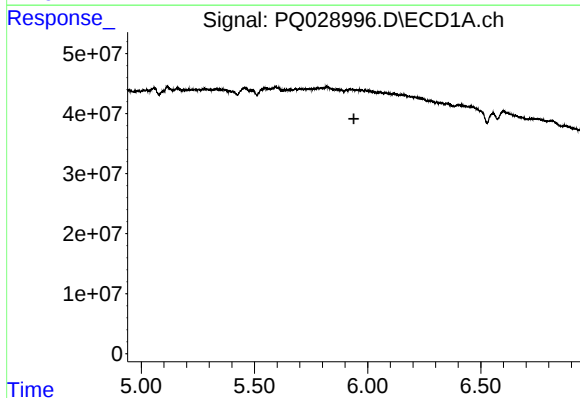
R.T.: 0.000 min
Exp R.T. : 5.842 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



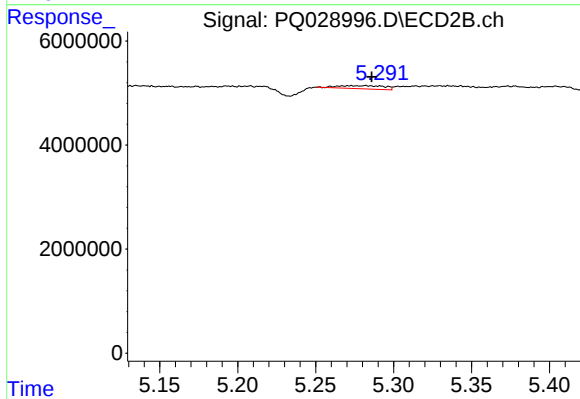
#13 AR-1232-3

R.T.: 5.076 min
Delta R.T.: 0.041 min
Response: 723368
Conc: 5.22 ng/ml



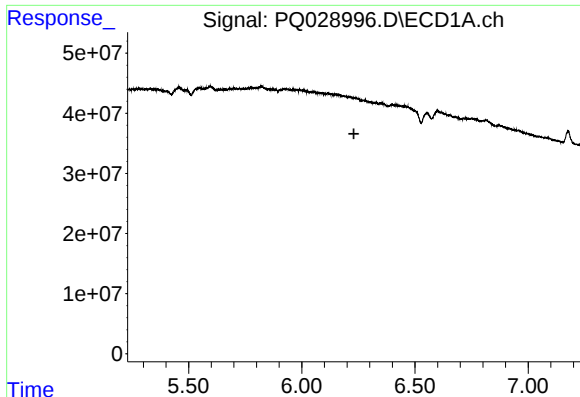
#14 AR-1232-4

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



#14 AR-1232-4

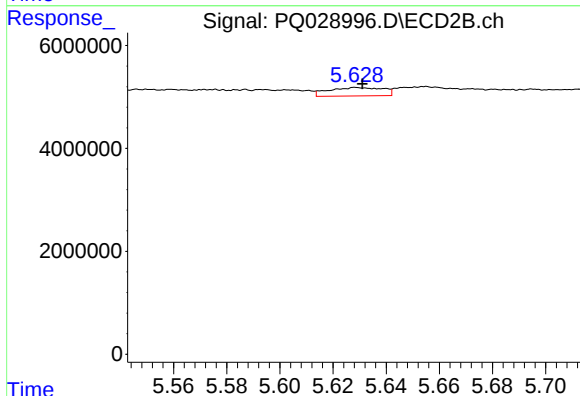
R.T.: 5.282 min
Delta R.T.: -0.004 min
Response: 1235038
Conc: 8.41 ng/ml



#15 AR-1232-5

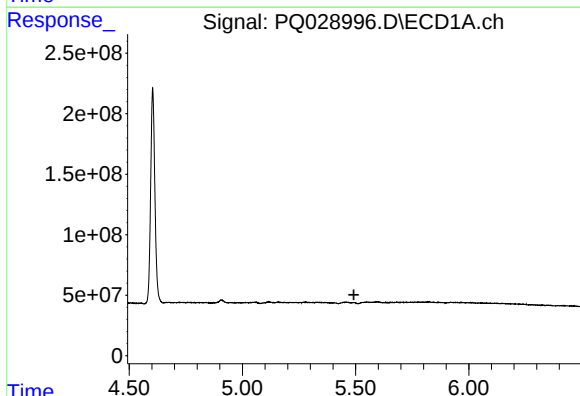
R.T.: 0.000 min
Exp R.T.: 6.230 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



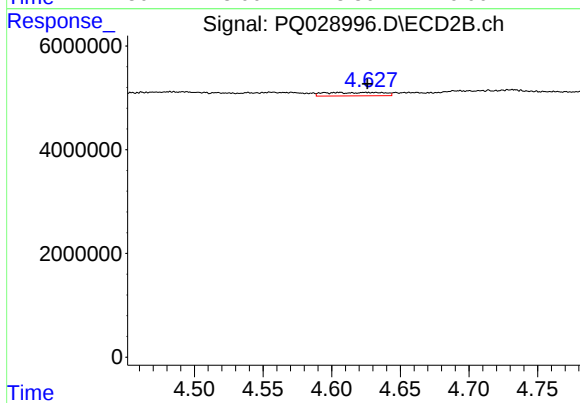
#15 AR-1232-5

R.T.: 5.629 min
Delta R.T.: -0.002 min
Response: 2308602
Conc: 14.14 ng/ml



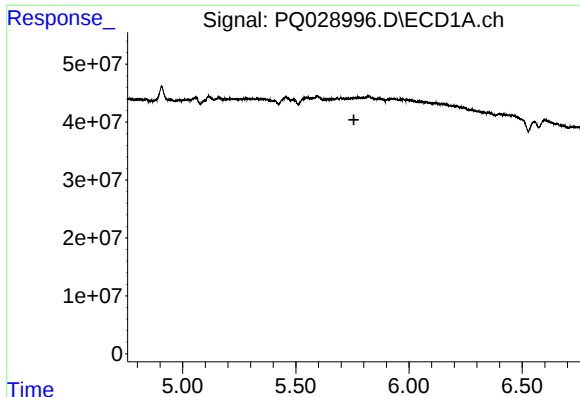
#16 AR-1242-1

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



#16 AR-1242-1

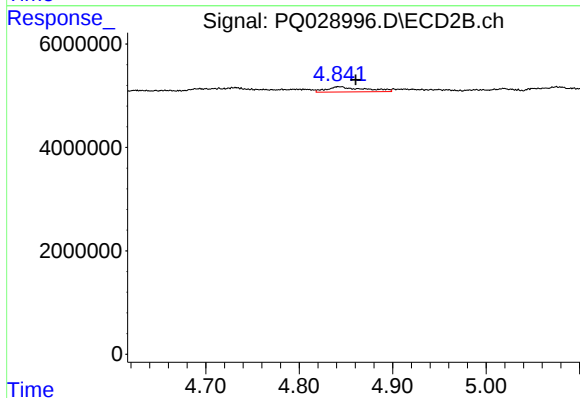
R.T.: 4.626 min
Delta R.T.: 0.000 min
Response: 1935876
Conc: 9.96 ng/ml



#17 AR-1242-2

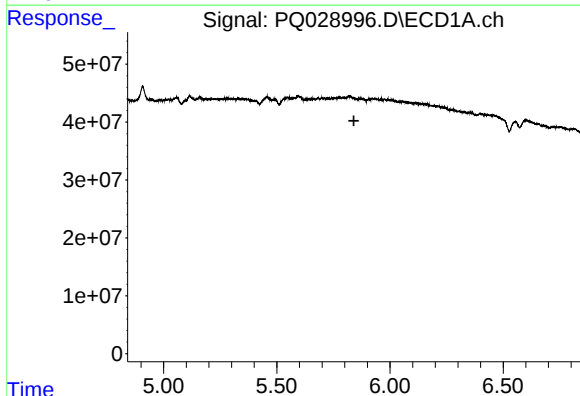
R.T.: 0.000 min
Exp R.T.: 5.757 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



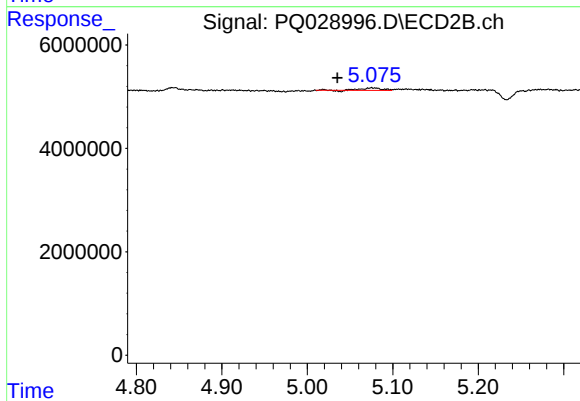
#17 AR-1242-2

R.T.: 4.843 min
Delta R.T.: -0.018 min
Response: 2842499
Conc: 6.25 ng/ml



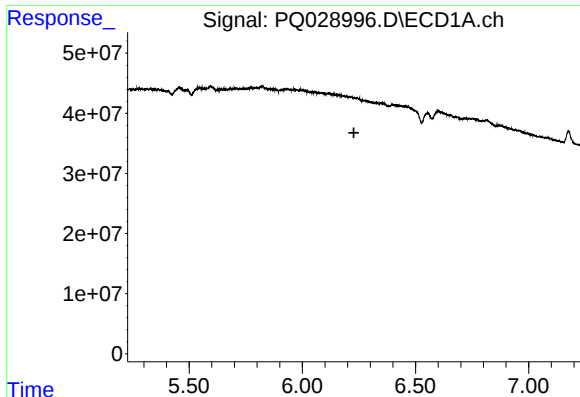
#18 AR-1242-3

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



#18 AR-1242-3

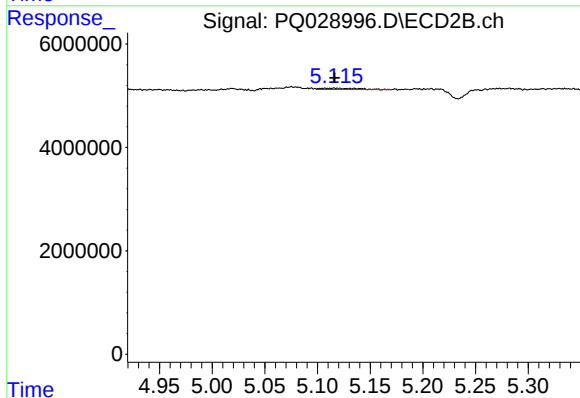
R.T.: 5.076 min
Delta R.T.: 0.041 min
Response: 723368
Conc: 3.48 ng/ml



#19 AR-1242-4

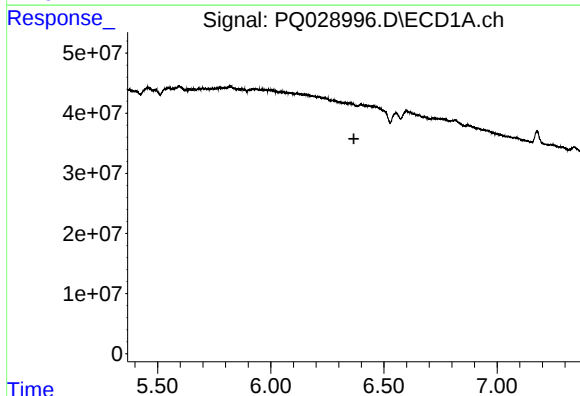
R.T.: 0.000 min
Exp R.T.: 6.228 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



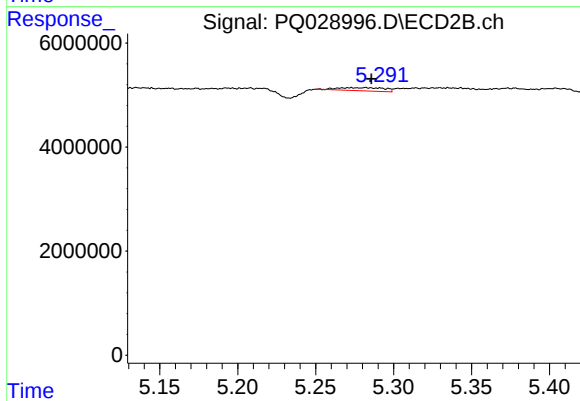
#19 AR-1242-4

R.T.: 5.108 min
Delta R.T.: -0.009 min
Response: 651019
Conc: 3.22 ng/ml



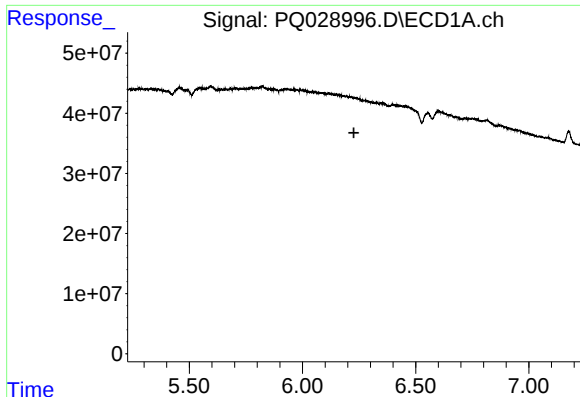
#20 AR-1242-5

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



#20 AR-1242-5

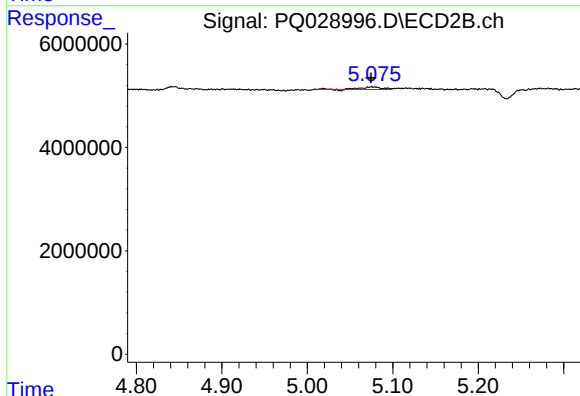
R.T.: 5.282 min
Delta R.T.: -0.004 min
Response: 1235038
Conc: 5.46 ng/ml



#21 AR-1248-1

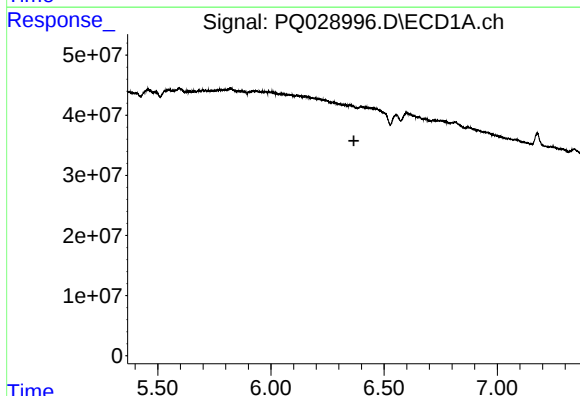
R.T.: 0.000 min
Exp R.T.: 6.227 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



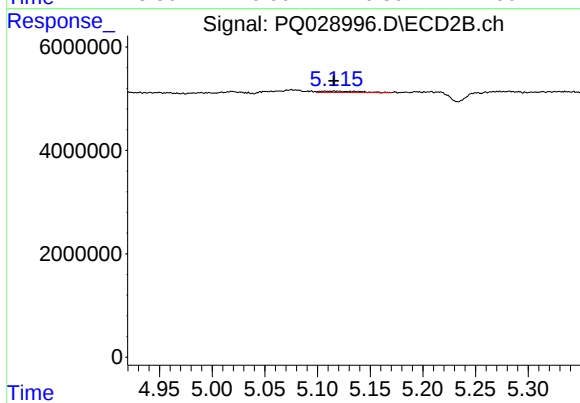
#21 AR-1248-1

R.T.: 5.076 min
Delta R.T.: 0.001 min
Response: 723368
Conc: 2.45 ng/ml



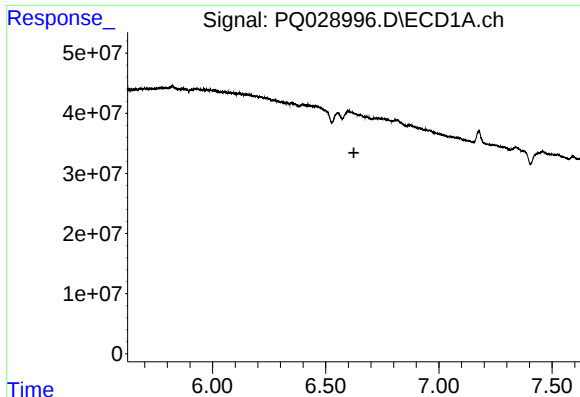
#22 AR-1248-2

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



#22 AR-1248-2

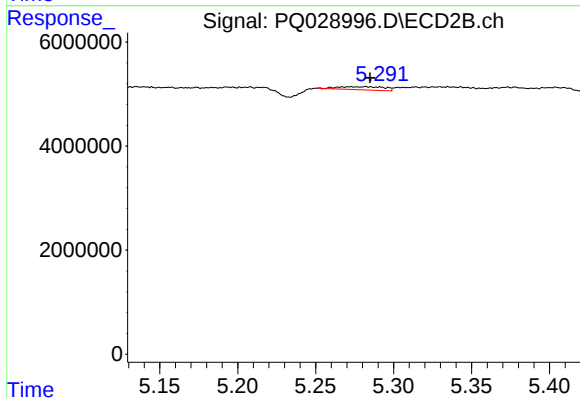
R.T.: 5.108 min
Delta R.T.: -0.008 min
Response: 651019
Conc: 2.11 ng/ml



#23 AR-1248-3

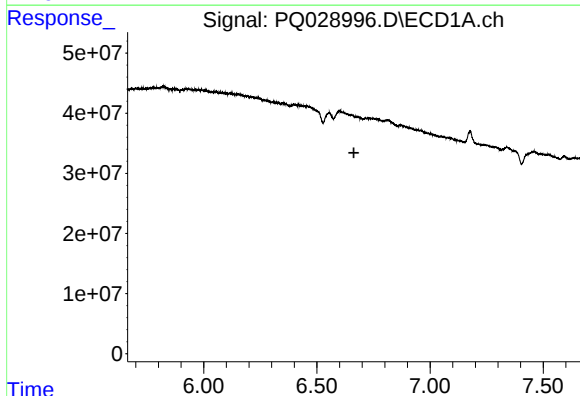
R.T.: 0.000 min
Exp R.T.: 6.624 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



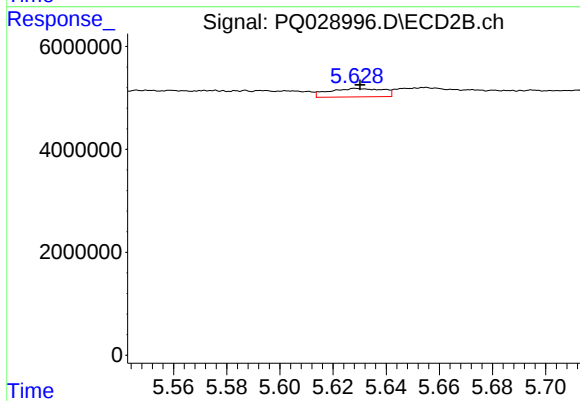
#23 AR-1248-3

R.T.: 5.282 min
Delta R.T.: -0.003 min
Response: 1235038
Conc: 3.16 ng/ml



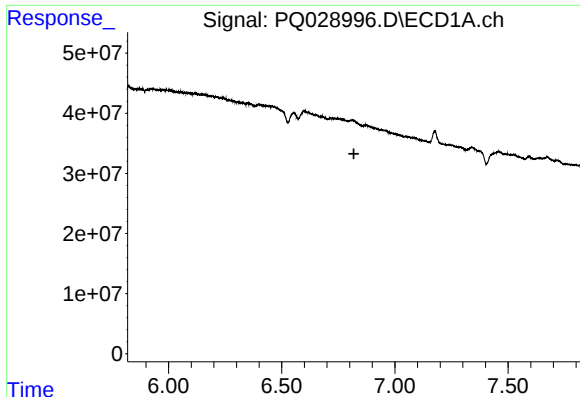
#24 AR-1248-4

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



#24 AR-1248-4

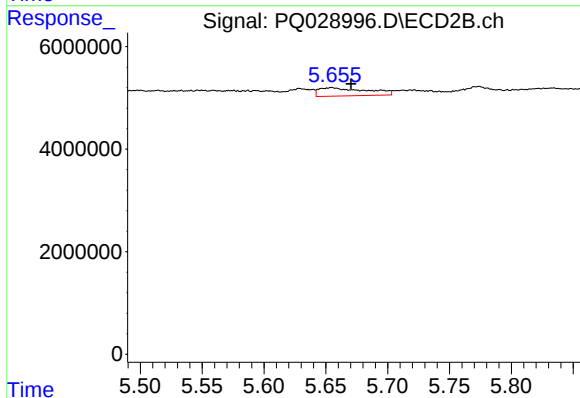
R.T.: 5.629 min
Delta R.T.: 0.000 min
Response: 2308602
Conc: 4.11 ng/ml



#25 AR-1248-5

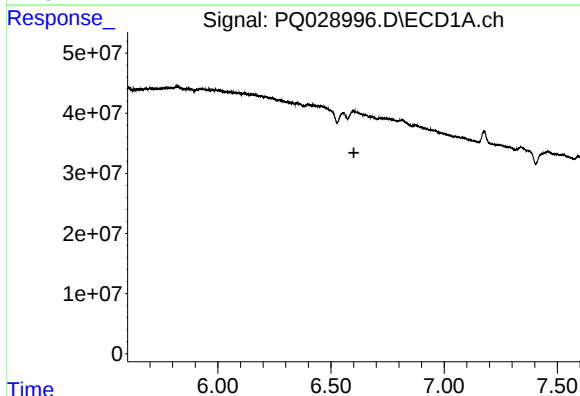
R.T.: 0.000 min
Exp R.T. : 6.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



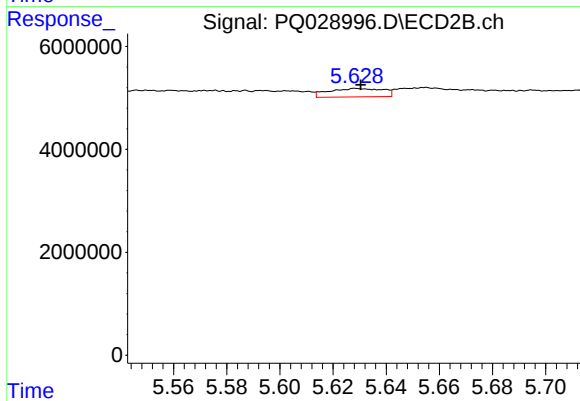
#25 AR-1248-5

R.T.: 5.655 min
Delta R.T.: -0.016 min
Response: 4341157
Conc: 10.52 ng/ml



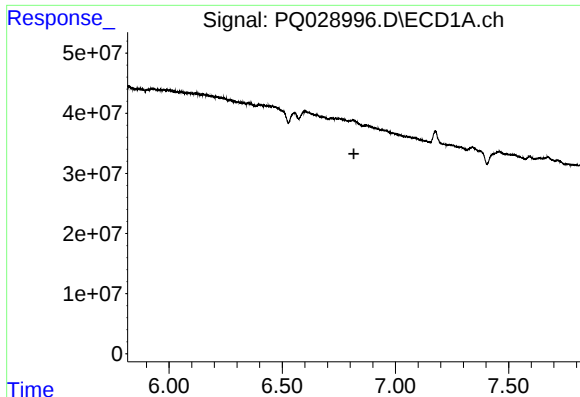
#26 AR-1254-1

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



#26 AR-1254-1

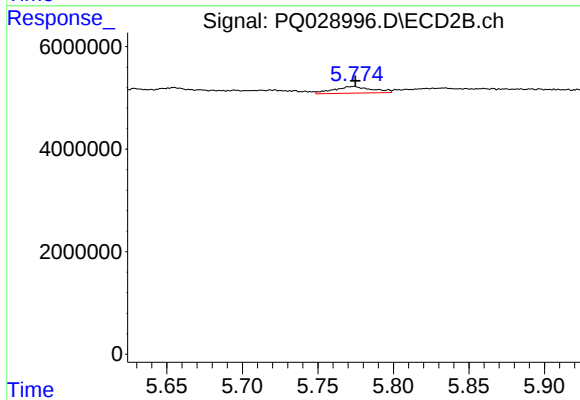
R.T.: 5.629 min
Delta R.T.: 0.000 min
Response: 2308602
Conc: 4.30 ng/ml



#27 AR-1254-2

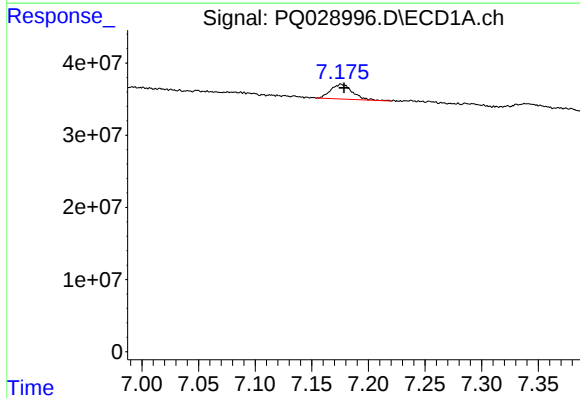
R.T.: 0.000 min
Exp R.T.: 6.817 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



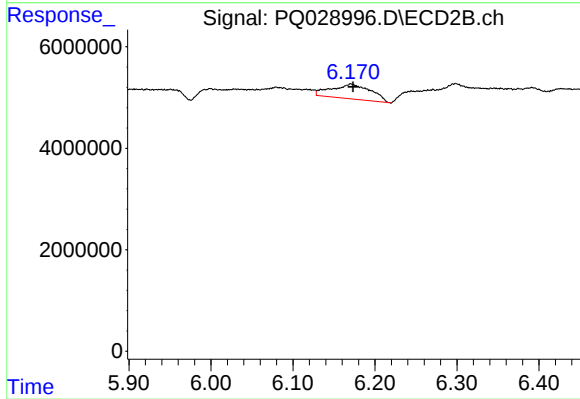
#27 AR-1254-2

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 2292928
Conc: 5.00 ng/ml



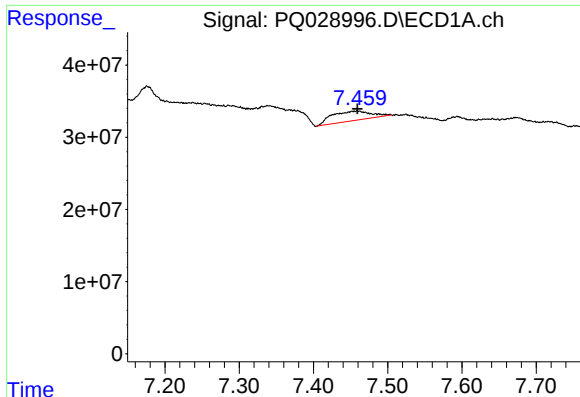
#28 AR-1254-3

R.T.: 7.176 min
Delta R.T.: -0.002 min
Response: 27337481
Conc: 4.59 ng/ml



#28 AR-1254-3

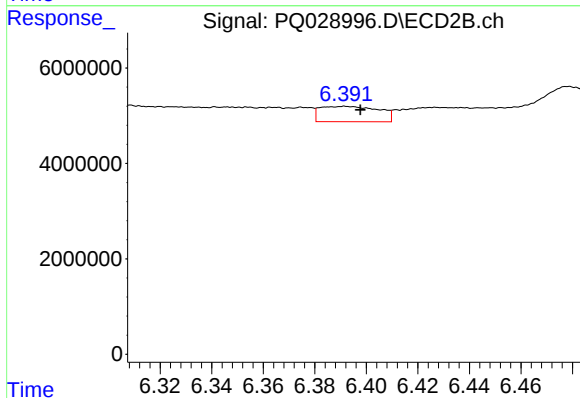
R.T.: 6.171 min
Delta R.T.: -0.002 min
Response: 9715759
Conc: 12.26 ng/ml



#29 AR-1254-4

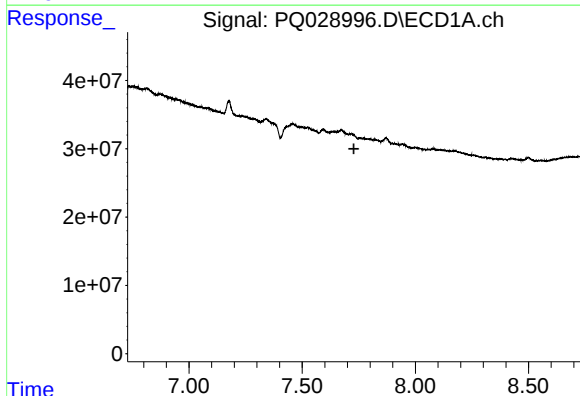
R.T.: 7.459 min
Delta R.T.: 0.000 min
Response: 48768445
Conc: 10.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



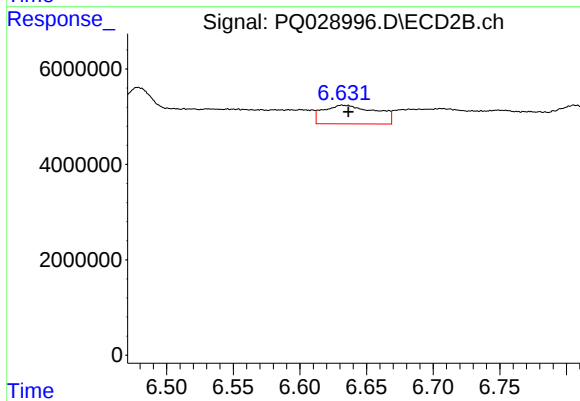
#29 AR-1254-4

R.T.: 6.391 min
Delta R.T.: -0.006 min
Response: 5106262
Conc: 9.37 ng/ml



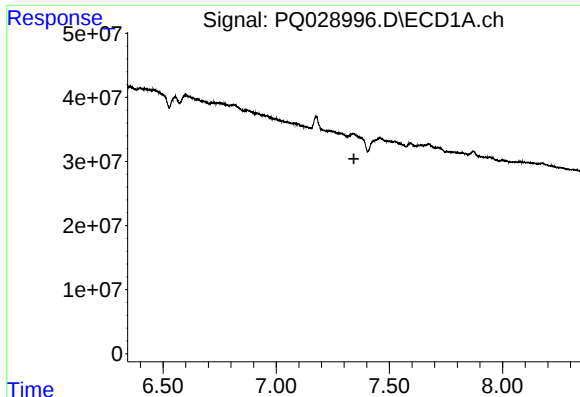
#30 AR-1254-5

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



#30 AR-1254-5

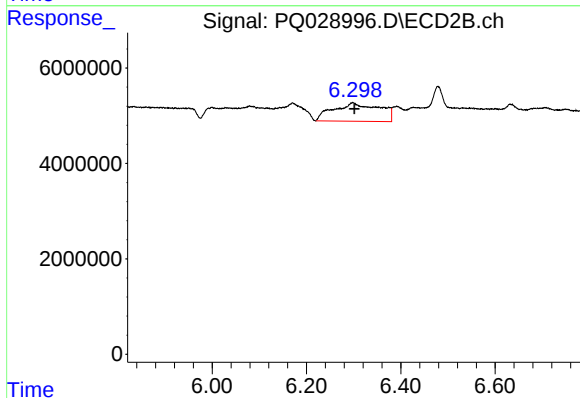
R.T.: 6.633 min
Delta R.T.: -0.003 min
Response: 10726474
Conc: 31.00 ng/ml



#31 AR-1260-1

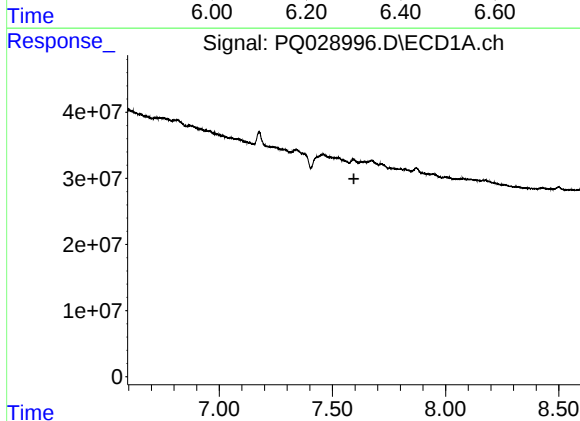
R.T.: 0.000 min
Exp R.T.: 7.343 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



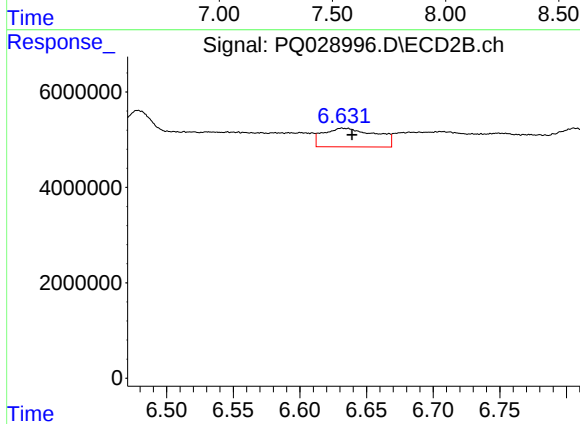
#31 AR-1260-1

R.T.: 6.298 min
Delta R.T.: -0.003 min
Response: 26207142
Conc: 42.49 ng/ml



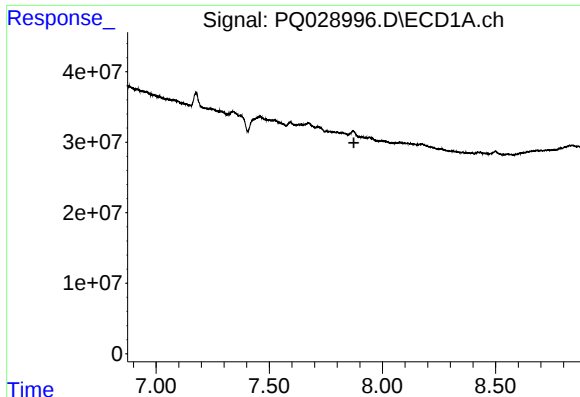
#32 AR-1260-2

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



#32 AR-1260-2

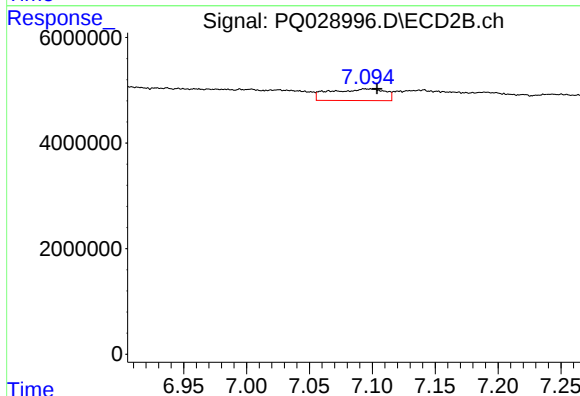
R.T.: 6.633 min
Delta R.T.: -0.006 min
Response: 10726474
Conc: 15.15 ng/ml



#33 AR-1260-3

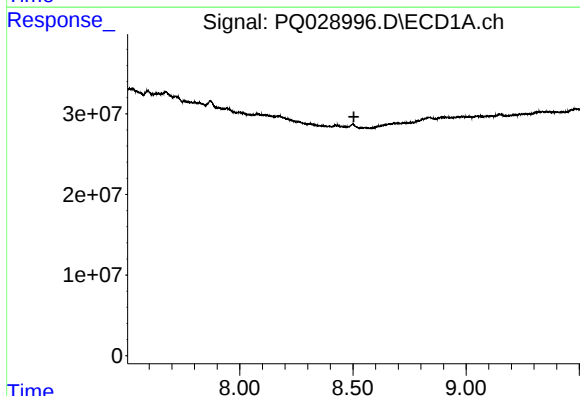
R.T.: 0.000 min
Exp R.T. : 7.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



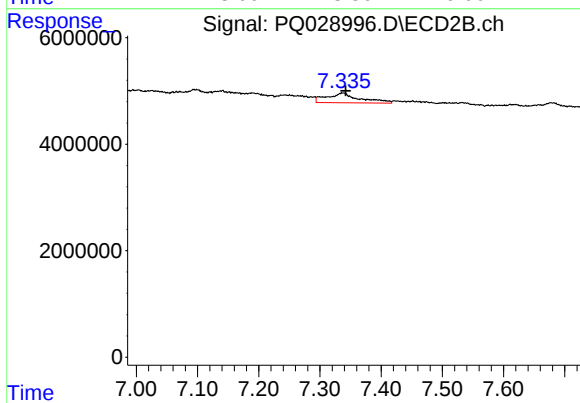
#33 AR-1260-3

R.T.: 7.096 min
Delta R.T.: -0.007 min
Response: 6700755
Conc: 11.30 ng/ml



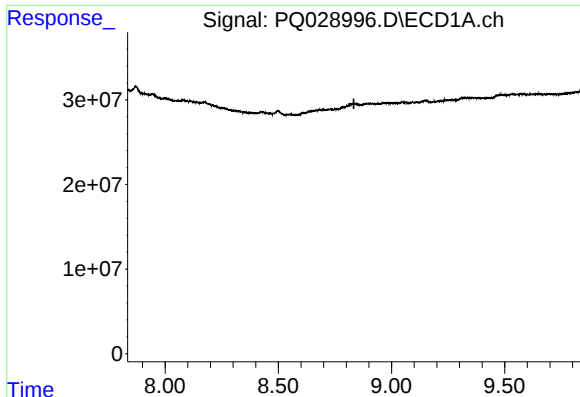
#34 AR-1260-4

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



#34 AR-1260-4

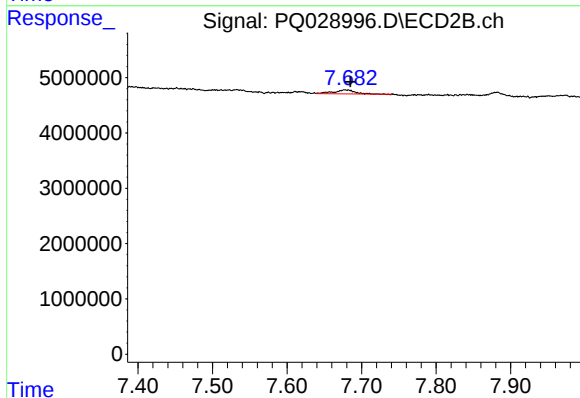
R.T.: 7.337 min
Delta R.T.: -0.005 min
Response: 6842102
Conc: 4.68 ng/ml



#35 AR-1260-5

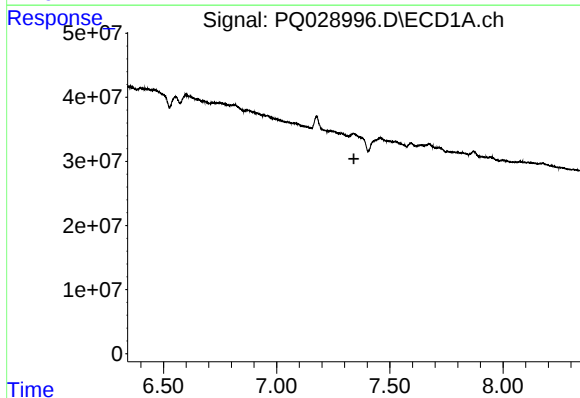
R.T.: 0.000 min
Exp R.T.: 8.834 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



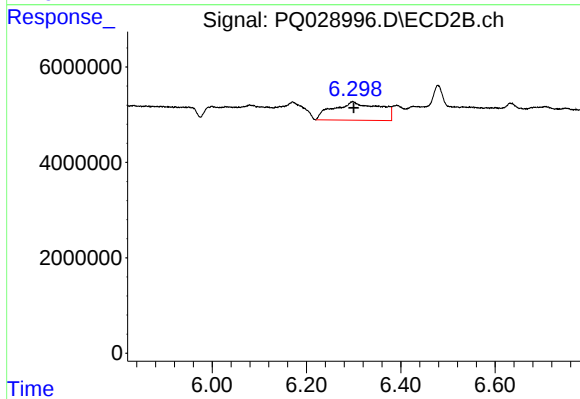
#35 AR-1260-5

R.T.: 7.679 min
Delta R.T.: -0.006 min
Response: 1429898
Conc: 1.36 ng/ml



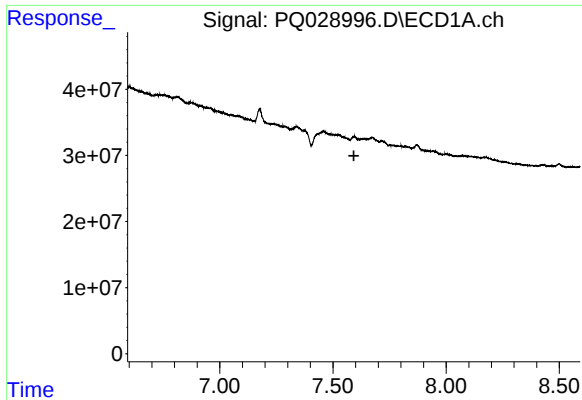
#36 AR-1262-1

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



#36 AR-1262-1

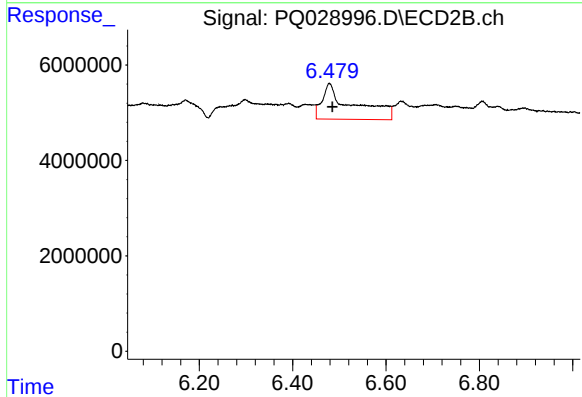
R.T.: 6.298 min
Delta R.T.: -0.002 min
Response: 26207142
Conc: 52.34 ng/ml



#37 AR-1262-2

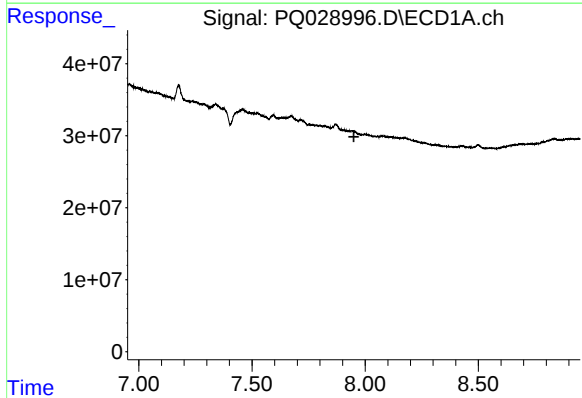
R.T.: 0.000 min
Exp R.T. : 7.592 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



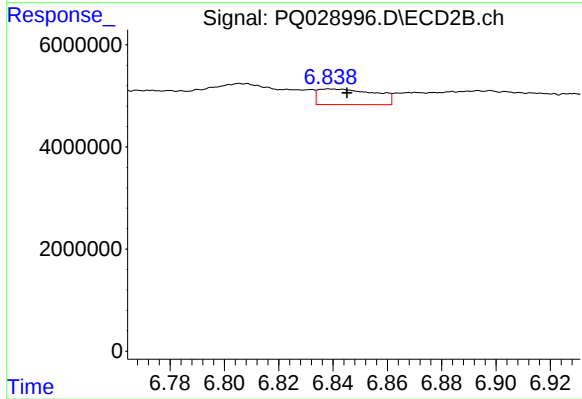
#37 AR-1262-2

R.T.: 6.479 min
Delta R.T.: -0.006 min
Response: 34068410
Conc: 53.39 ng/ml



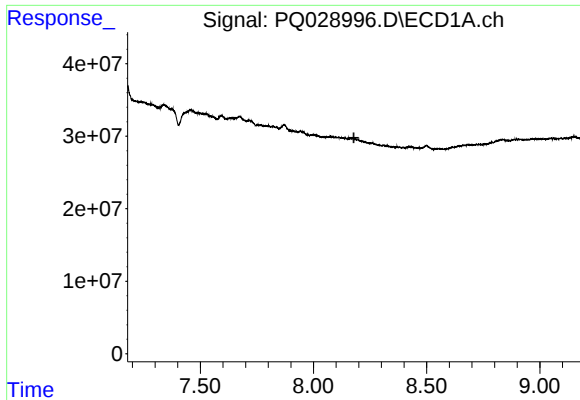
#38 AR-1262-3

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



#38 AR-1262-3

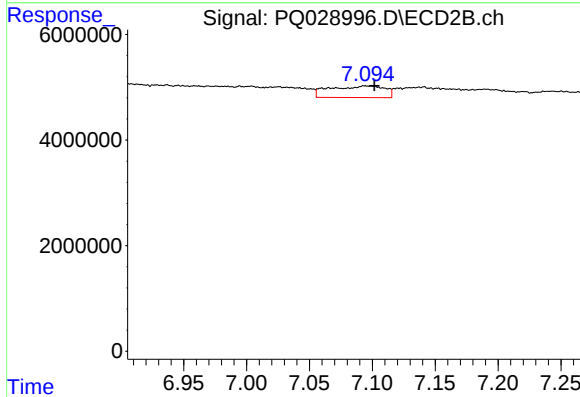
R.T.: 6.839 min
Delta R.T.: -0.006 min
Response: 4453810
Conc: 4.91 ng/ml



#39 AR-1262-4

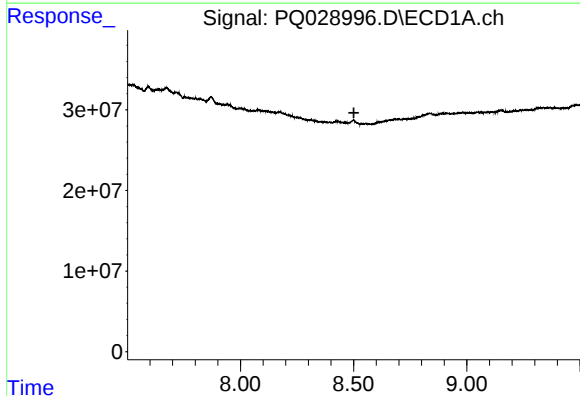
R.T.: 0.000 min
Exp R.T. : 8.179 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



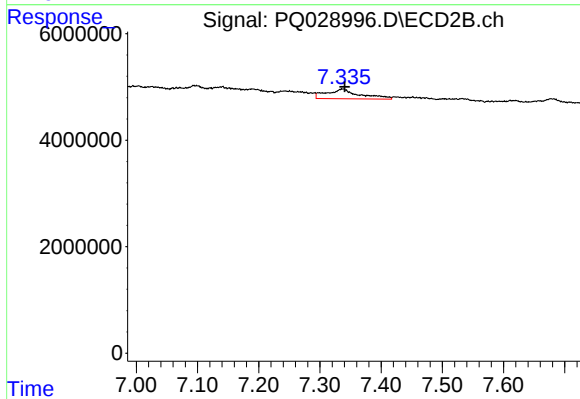
#39 AR-1262-4

R.T.: 7.096 min
Delta R.T.: -0.005 min
Response: 6700755
Conc: 8.43 ng/ml



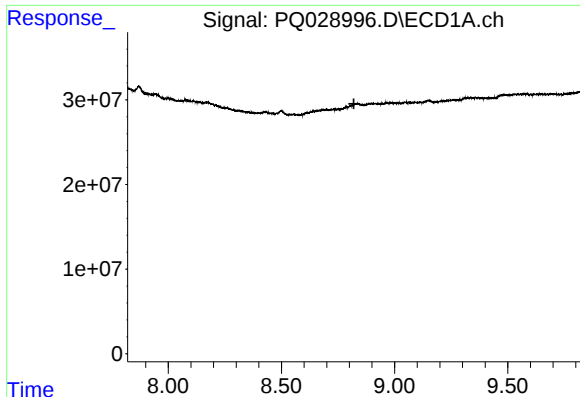
#40 AR-1262-5

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



#40 AR-1262-5

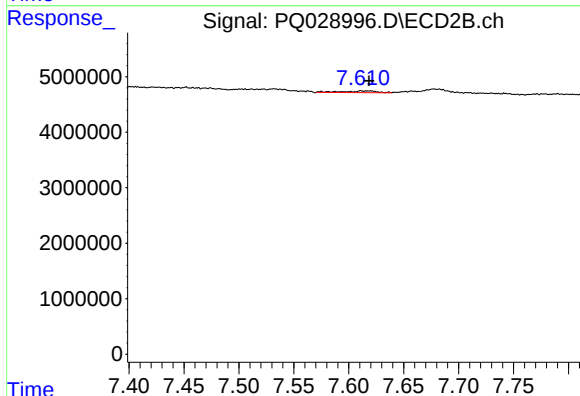
R.T.: 7.337 min
Delta R.T.: -0.004 min
Response: 6842102
Conc: 4.07 ng/ml



#41 AR-1268-1

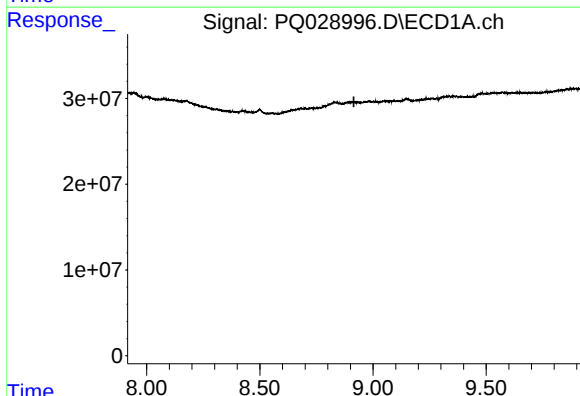
R.T.: 0.000 min
Exp R.T.: 8.820 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



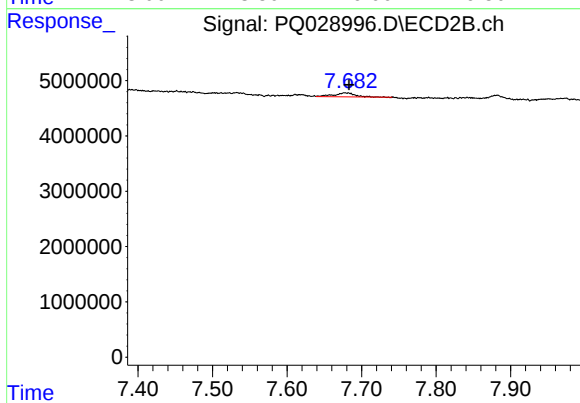
#41 AR-1268-1

R.T.: 7.616 min
Delta R.T.: -0.003 min
Response: 711930
Conc: 0.39 ng/ml



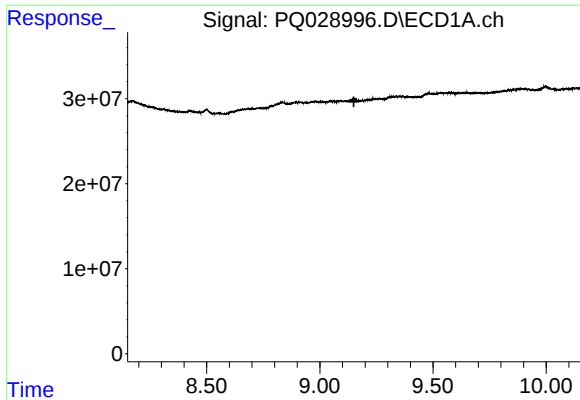
#42 AR-1268-2

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



#42 AR-1268-2

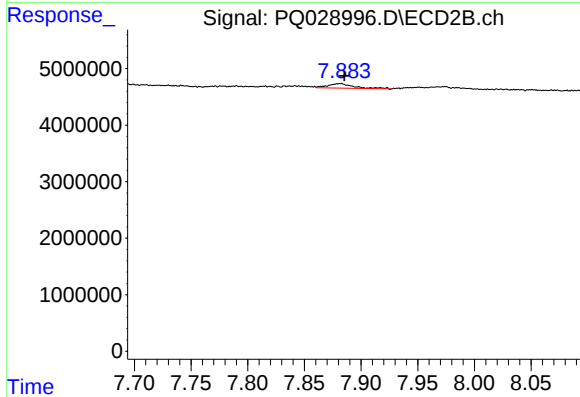
R.T.: 7.679 min
Delta R.T.: -0.004 min
Response: 1429898
Conc: 0.81 ng/ml



#43 AR-1268-3

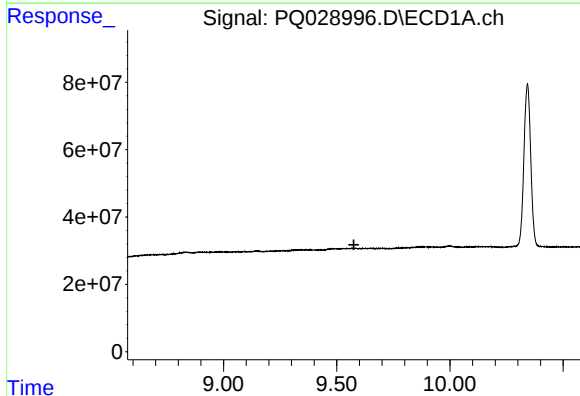
R.T.: 0.000 min
Exp R.T.: 9.151 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



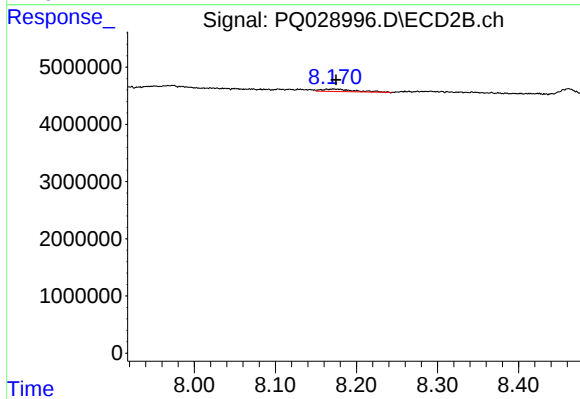
#43 AR-1268-3

R.T.: 7.881 min
Delta R.T.: -0.005 min
Response: 1300935
Conc: 0.94 ng/ml



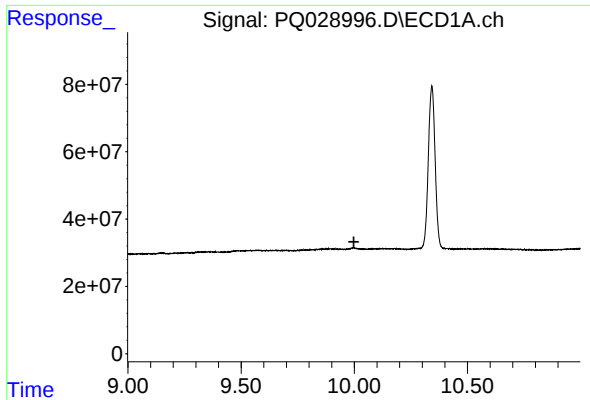
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.576 min
Response: 0
Conc: N.D.



#44 AR-1268-4

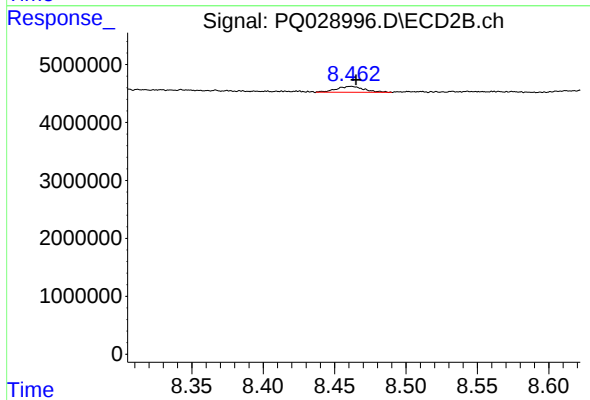
R.T.: 8.172 min
Delta R.T.: -0.003 min
Response: 1163588
Conc: 1.85 ng/ml



#45 AR-1268-5

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

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.461 min
Delta R.T.: -0.004 min
Response: 1372666
Conc: 0.31 ng/ml