

Data Path : P:\HPCHEM1\ECD_Q\Data\PQ052118\
 Data File : PQ028992.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2018 16:11
 Operator : UA/SM
 Sample : J2971-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 06:21:38 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...	4.606	3.770	2216.2E6	251.5E6	26.818	28.130
2)	SA Decachlor...	10.341	8.712	883.0E6	137.7E6	14.482	11.859
Target Compounds							
3)	L1 AR-1016-1	4.908	4.630	39138988	386375	29.581	1.583 #
4)	L1 AR-1016-2	0.000	5.022	0	198132	N.D.	0.723 #
5)	L1 AR-1016-3	0.000	5.074	0	1639729	N.D.	7.682 #
6)	L1 AR-1016-4	0.000	5.110	0	453114	N.D.	1.734 #
7)	L1 AR-1016-5	0.000	5.286	0	1882630	N.D.	6.511 #
8)	L2 AR-1221-1	0.000	3.961	0	869774	N.D.	4.354 #
9)	L2 AR-1221-2	4.908	4.068	39138988	7519685	30.096	50.459 #
10)	L2 AR-1221-3	4.908	4.135	39138988	1920368	9.347	4.181 #
11)	L3 AR-1232-1	4.908	4.135	39138988	1920368	23.099	9.140 #
12)	L3 AR-1232-2	0.000	4.902	0	409357	N.D.	2.207 #
13)	L3 AR-1232-3	0.000	5.022	0	198132	N.D.	1.429 #
14)	L3 AR-1232-4	0.000	5.286	0	1882630	N.D.	12.817 #
15)	L3 AR-1232-5	0.000	5.629	0	4294111	N.D.	26.299 #
16)	L4 AR-1242-1	0.000	4.630	0	386375	N.D.	1.988 #
17)	L4 AR-1242-2	0.000	4.845	0	1752574	N.D.	3.851 #
18)	L4 AR-1242-3	0.000	5.022	0	198132	N.D.	0.954 #
19)	L4 AR-1242-4	0.000	5.110	0	453114	N.D.	2.243 #
20)	L4 AR-1242-5	0.000	5.286	0	1882630	N.D.	8.316 #
21)	L5 AR-1248-1	0.000	5.074	0	1639729	N.D.	5.554 #
22)	L5 AR-1248-2	0.000	5.110	0	453114	N.D.	1.472 #
23)	L5 AR-1248-3	0.000	5.286	0	1882630	N.D.	4.823 #
24)	L5 AR-1248-4	0.000	5.629	0	4294111	N.D.	7.647 #
25)	L5 AR-1248-5	0.000	5.674	0	2394970	N.D.	5.801 #
26)	L6 AR-1254-1	0.000	5.629	0	4294111	N.D.	8.007 #
27)	L6 AR-1254-2	0.000	5.773	0	4302193	N.D.	9.382 #
28)	L6 AR-1254-3	7.177	6.172	23940198	12665944	4.022	15.985 #
29)	L6 AR-1254-4	0.000	6.395	0	6951384	N.D.	12.762 #
30)	L6 AR-1254-5	0.000	6.635	0	10355827	N.D.	29.926 #
31)	L7 AR-1260-1	0.000	6.299	0	10898567	N.D.	17.672 #
32)	L7 AR-1260-2	0.000	6.635	0	10355827	N.D.	14.622 #
33)	L7 AR-1260-3	0.000	7.099	0	3462333	N.D.	5.841 #
34)	L7 AR-1260-4	0.000	7.338	0	6201881	N.D.	4.240 #
35)	L7 AR-1260-5	0.000	7.680	0	3207710	N.D.	3.053 #
36)	L8 AR-1262-1	0.000	6.299	0	10898567	N.D.	21.765 #
37)	L8 AR-1262-2	0.000	6.482	0	20686860	N.D.	32.422 #
38)	L8 AR-1262-3	0.000	6.840	0	5507585	N.D.	6.077 #
39)	L8 AR-1262-4	0.000	7.099	0	3462333	N.D.	4.354 #
40)	L8 AR-1262-5	0.000	7.338	0	6201881	N.D.	3.693 #
41)	L9 AR-1268-1	0.000	7.615	0	716916	N.D.	0.395 #

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 Operator : UA/SM
 Sample : J2971-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

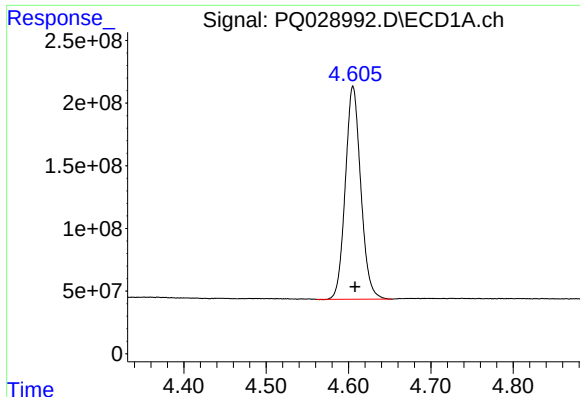
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 06:21:38 2018
 Quant Method : P:\HPCHEM1\ECD_Q\Method\PQ051018.M
 Quant Title : GC EXTRACTABLES
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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	7.680	0	3207710	N.D.	1.810 #
43) L9	AR-1268-3	0.000	7.882	0	903527	N.D.	0.656 #
44) L9	AR-1268-4	0.000	8.172	0	2140094	N.D.	3.401 #
45) L9	AR-1268-5	0.000	8.462	0	1380579	N.D.	0.314 #

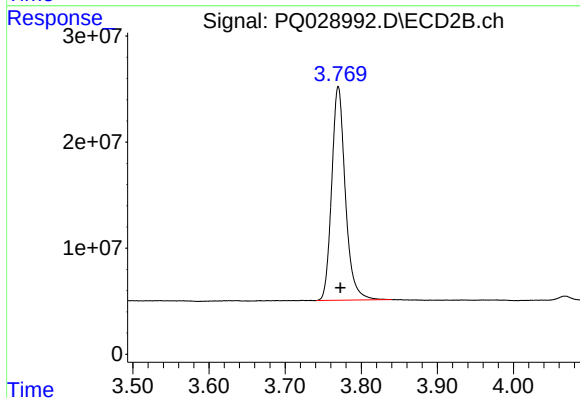
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

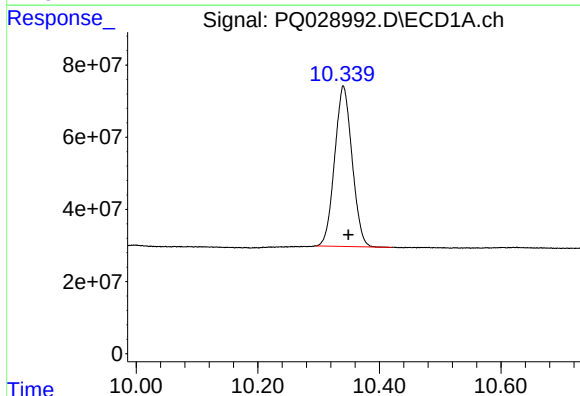
R.T.: 4.606 min
Delta R.T.: -0.002 min
Response: 2216240680
Conc: 26.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



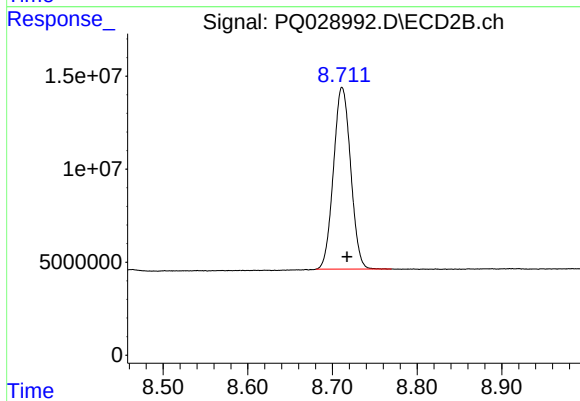
#1 Tetrachloro-m-xylene

R.T.: 3.770 min
Delta R.T.: -0.003 min
Response: 251527292
Conc: 28.13 ng/ml



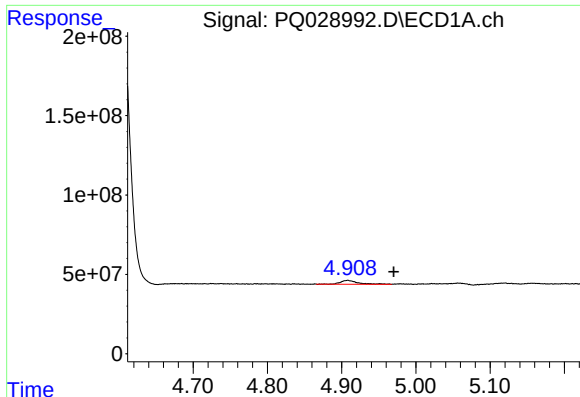
#2 Decachlorobiphenyl

R.T.: 10.341 min
Delta R.T.: -0.008 min
Response: 882970550
Conc: 14.48 ng/ml



#2 Decachlorobiphenyl

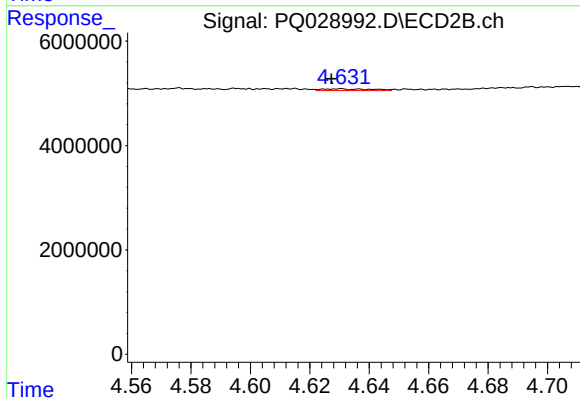
R.T.: 8.712 min
Delta R.T.: -0.006 min
Response: 137715076
Conc: 11.86 ng/ml



#3 AR-1016-1

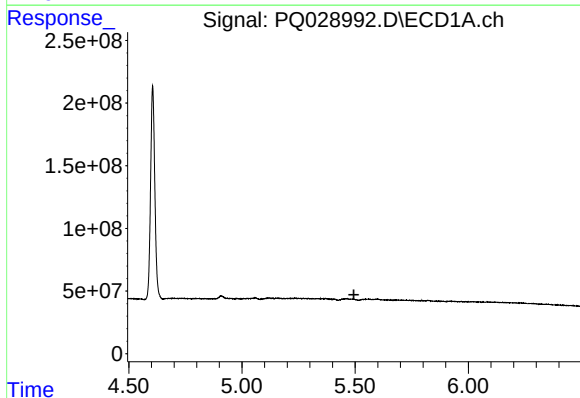
R.T.: 4.908 min
Delta R.T.: -0.062 min
Response: 39138988
Conc: 29.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



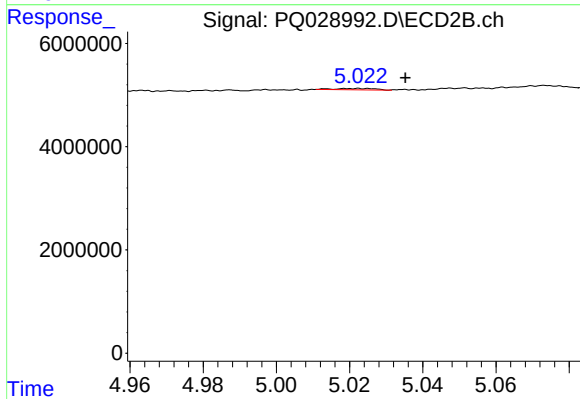
#3 AR-1016-1

R.T.: 4.630 min
Delta R.T.: 0.003 min
Response: 386375
Conc: 1.58 ng/ml



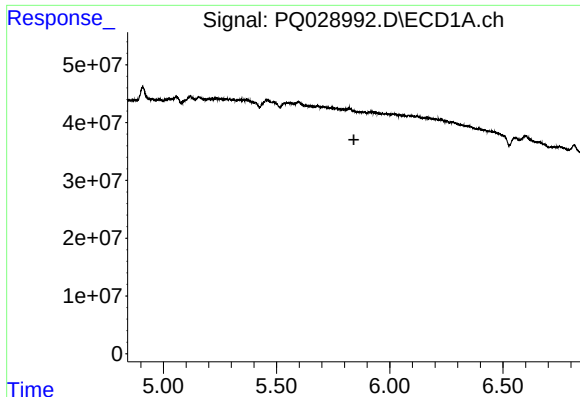
#4 AR-1016-2

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



#4 AR-1016-2

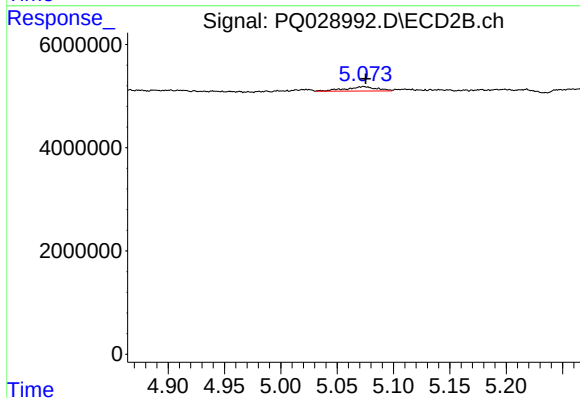
R.T.: 5.022 min
Delta R.T.: -0.013 min
Response: 198132
Conc: 0.72 ng/ml



#5 AR-1016-3

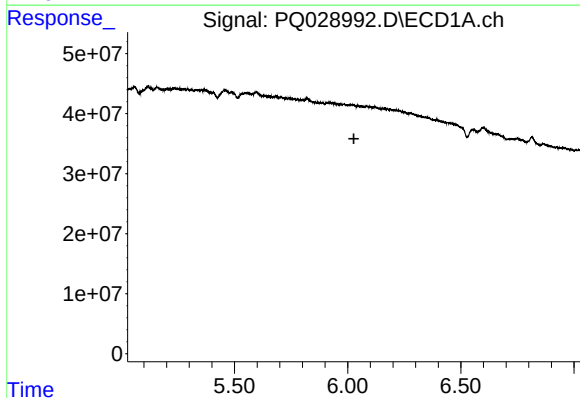
R.T.: 0.000 min
Exp R.T. : 5.841 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



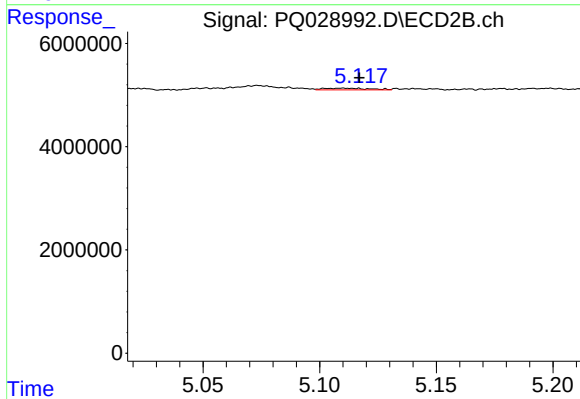
#5 AR-1016-3

R.T.: 5.074 min
Delta R.T.: -0.002 min
Response: 1639729
Conc: 7.68 ng/ml



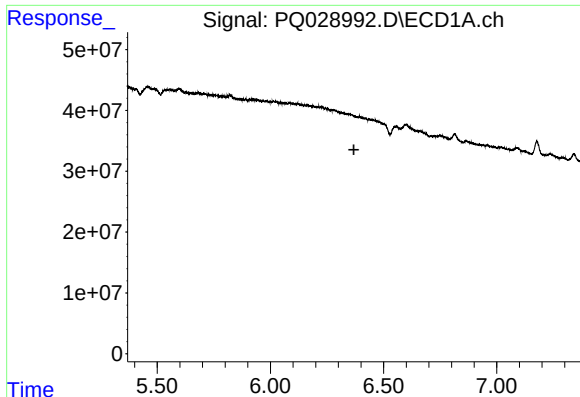
#6 AR-1016-4

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



#6 AR-1016-4

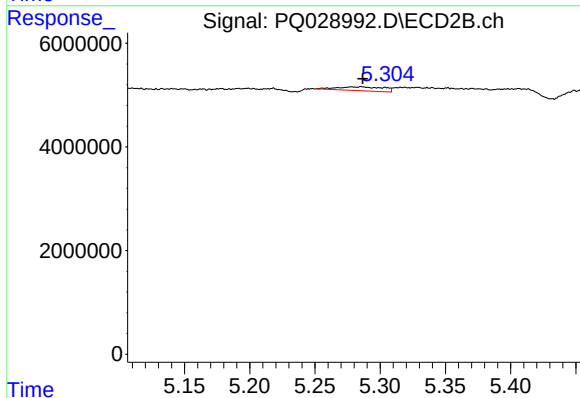
R.T.: 5.110 min
Delta R.T.: -0.007 min
Response: 453114
Conc: 1.73 ng/ml



#7 AR-1016-5

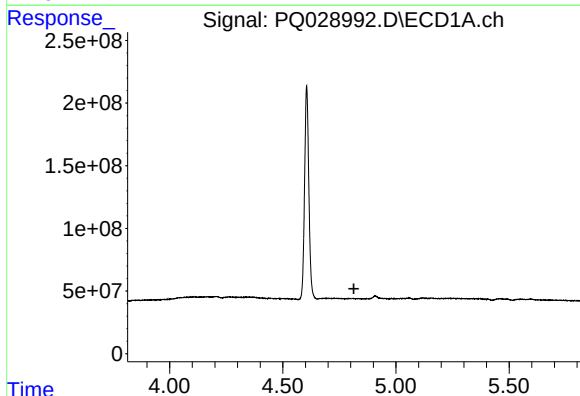
R.T.: 0.000 min
Exp R.T.: 6.369 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



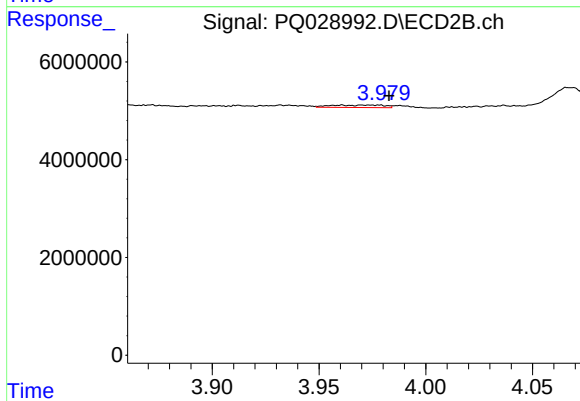
#7 AR-1016-5

R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 1882630
Conc: 6.51 ng/ml



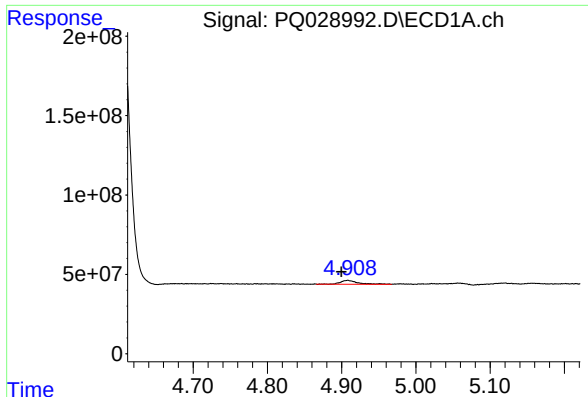
#8 AR-1221-1

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



#8 AR-1221-1

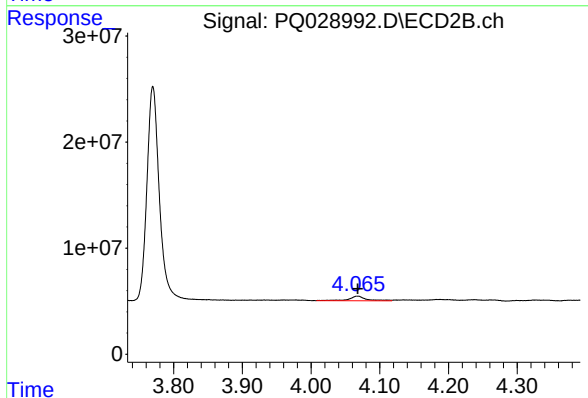
R.T.: 3.961 min
Delta R.T.: -0.022 min
Response: 869774
Conc: 4.35 ng/ml



#9 AR-1221-2

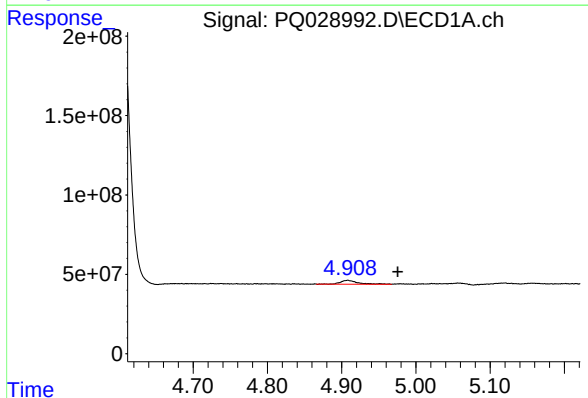
R.T.: 4.908 min
Delta R.T.: 0.008 min
Response: 39138988
Conc: 30.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



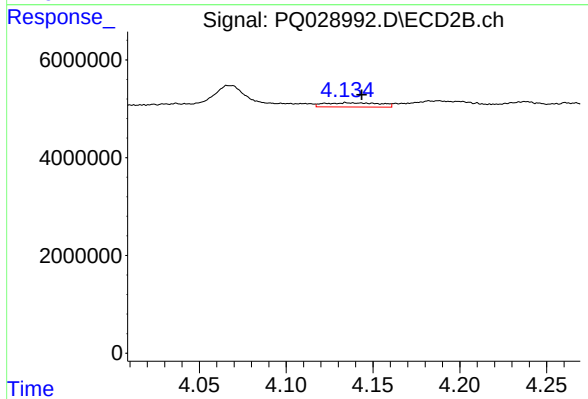
#9 AR-1221-2

R.T.: 4.068 min
Delta R.T.: 0.000 min
Response: 7519685
Conc: 50.46 ng/ml



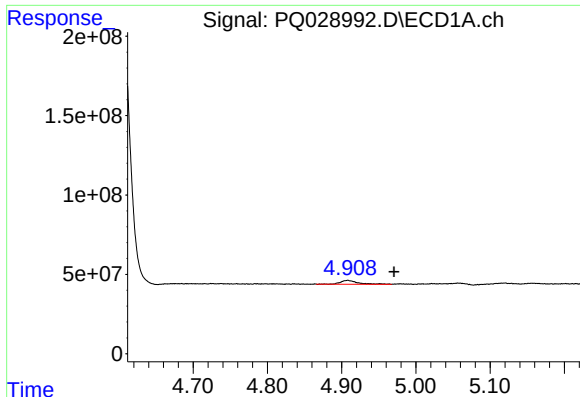
#10 AR-1221-3

R.T.: 4.908 min
Delta R.T.: -0.067 min
Response: 39138988
Conc: 9.35 ng/ml



#10 AR-1221-3

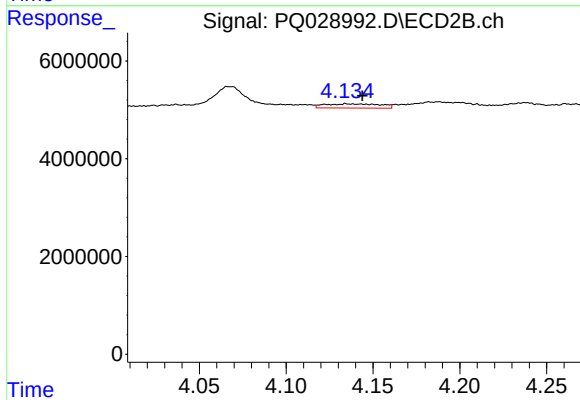
R.T.: 4.135 min
Delta R.T.: -0.009 min
Response: 1920368
Conc: 4.18 ng/ml



#11 AR-1232-1

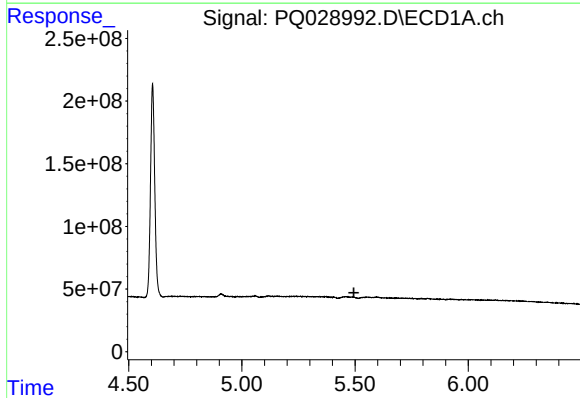
R.T.: 4.908 min
Delta R.T.: -0.062 min
Response: 39138988
Conc: 23.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



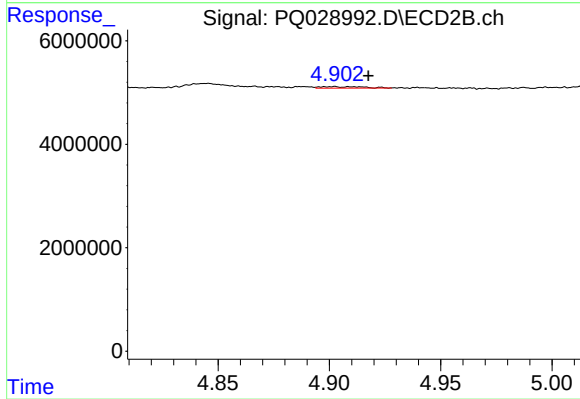
#11 AR-1232-1

R.T.: 4.135 min
Delta R.T.: -0.009 min
Response: 1920368
Conc: 9.14 ng/ml



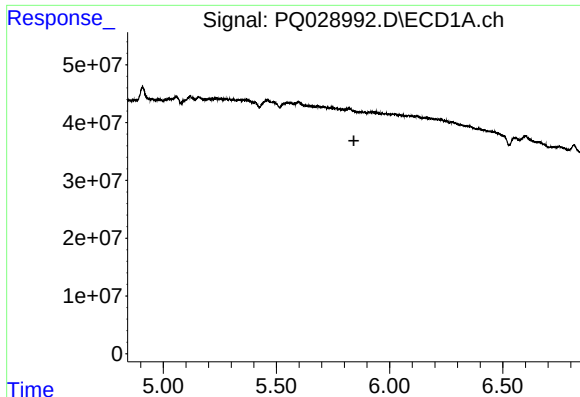
#12 AR-1232-2

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



#12 AR-1232-2

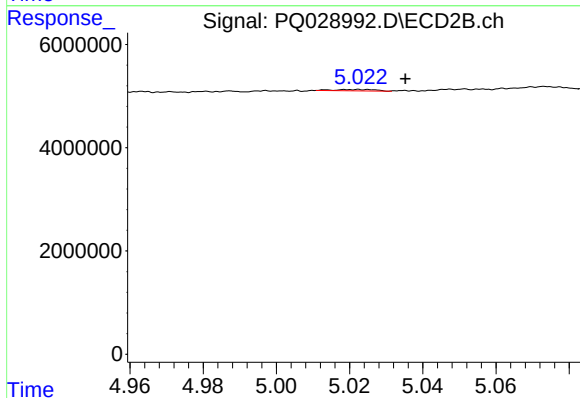
R.T.: 4.902 min
Delta R.T.: -0.016 min
Response: 409357
Conc: 2.21 ng/ml



#13 AR-1232-3

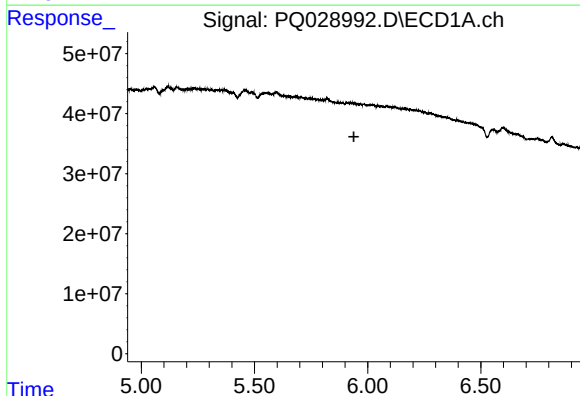
R.T.: 0.000 min
Exp R.T.: 5.842 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



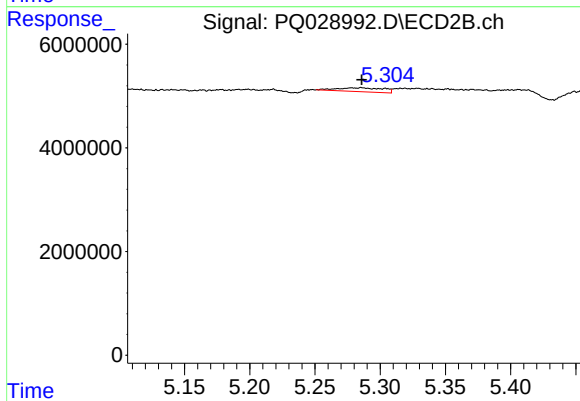
#13 AR-1232-3

R.T.: 5.022 min
Delta R.T.: -0.013 min
Response: 198132
Conc: 1.43 ng/ml



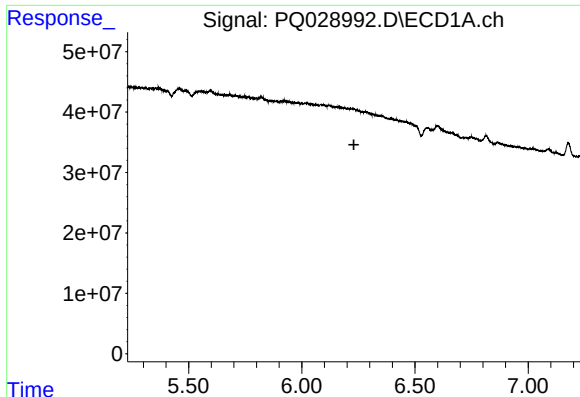
#14 AR-1232-4

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



#14 AR-1232-4

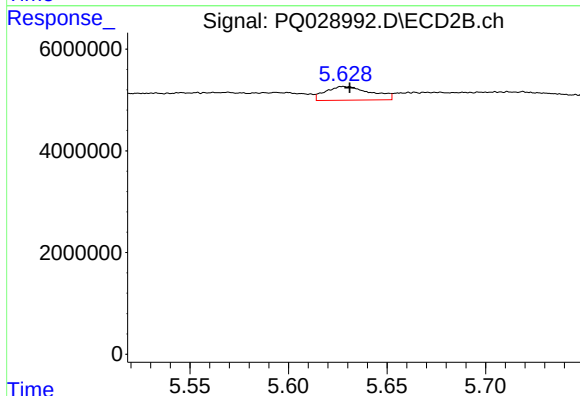
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 1882630
Conc: 12.82 ng/ml



#15 AR-1232-5

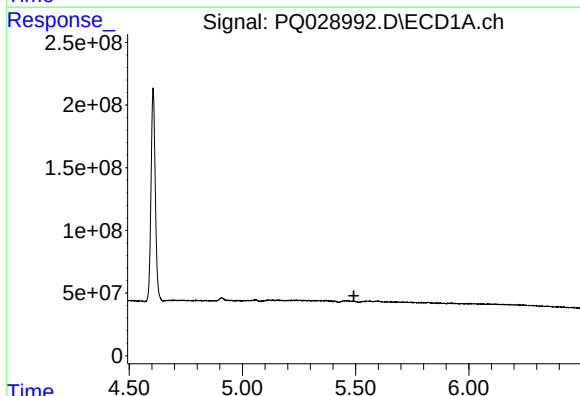
R.T.: 0.000 min
Exp R.T.: 6.230 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



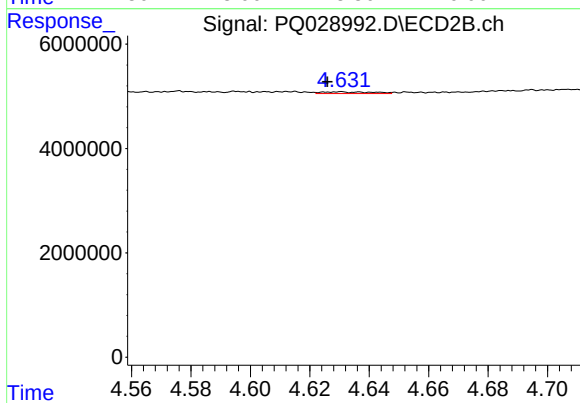
#15 AR-1232-5

R.T.: 5.629 min
Delta R.T.: -0.002 min
Response: 4294111
Conc: 26.30 ng/ml



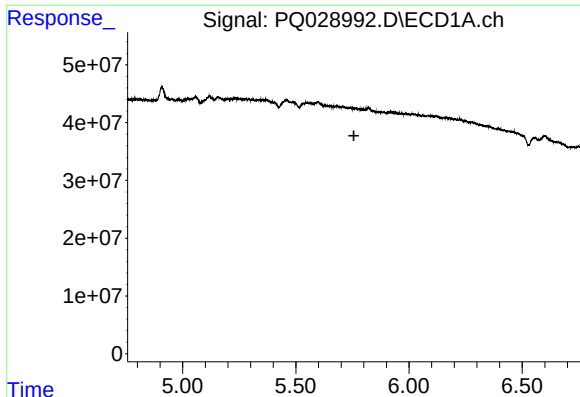
#16 AR-1242-1

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



#16 AR-1242-1

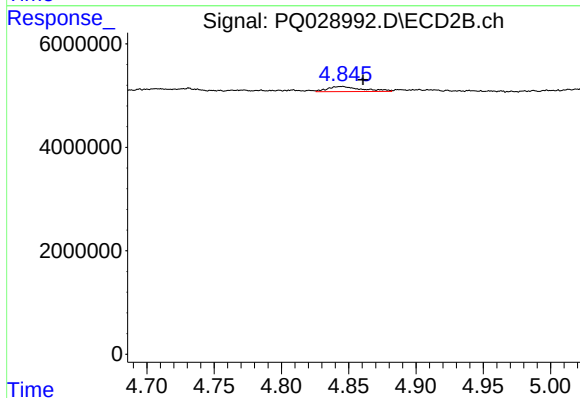
R.T.: 4.630 min
Delta R.T.: 0.004 min
Response: 386375
Conc: 1.99 ng/ml



#17 AR-1242-2

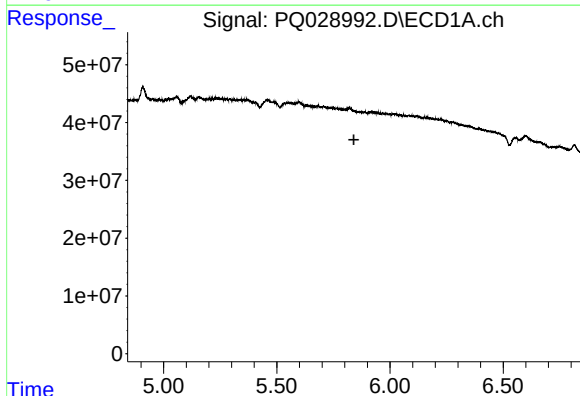
R.T.: 0.000 min
Exp R.T. : 5.757 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



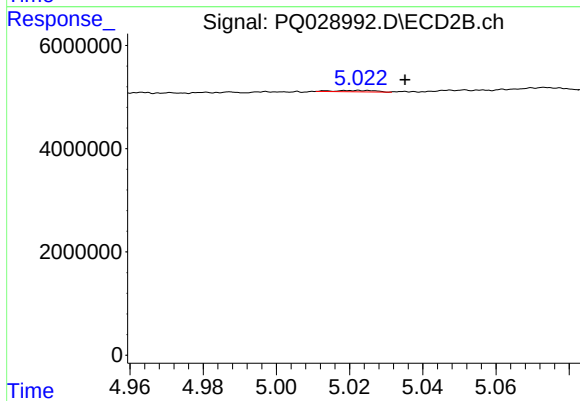
#17 AR-1242-2

R.T.: 4.845 min
Delta R.T.: -0.016 min
Response: 1752574
Conc: 3.85 ng/ml



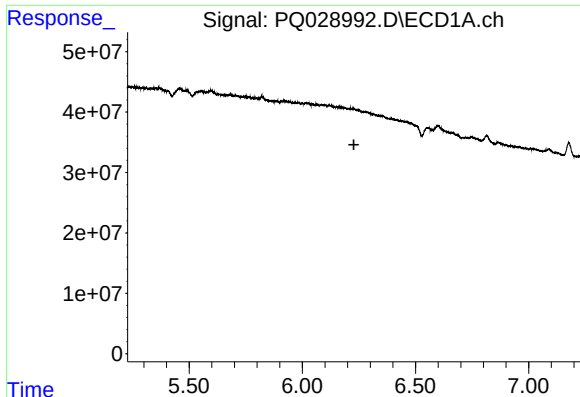
#18 AR-1242-3

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



#18 AR-1242-3

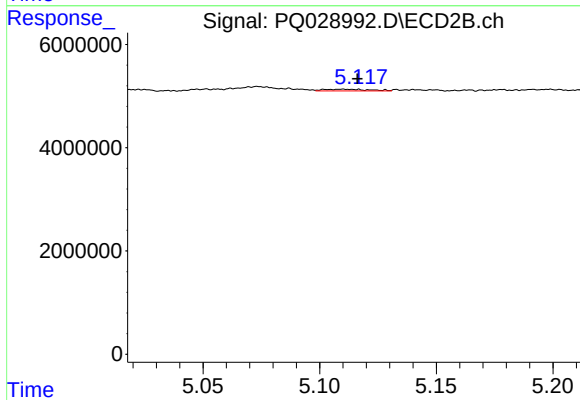
R.T.: 5.022 min
Delta R.T.: -0.013 min
Response: 198132
Conc: 0.95 ng/ml



#19 AR-1242-4

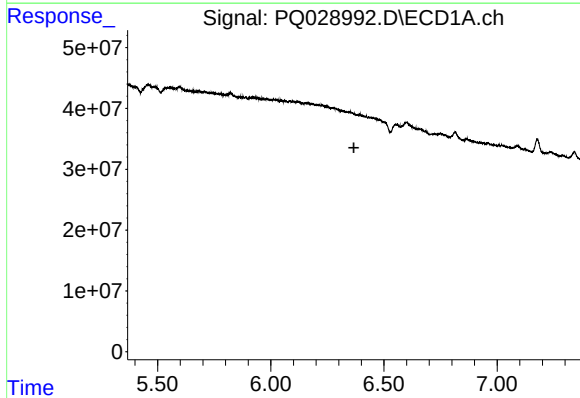
R.T.: 0.000 min
Exp R.T.: 6.228 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



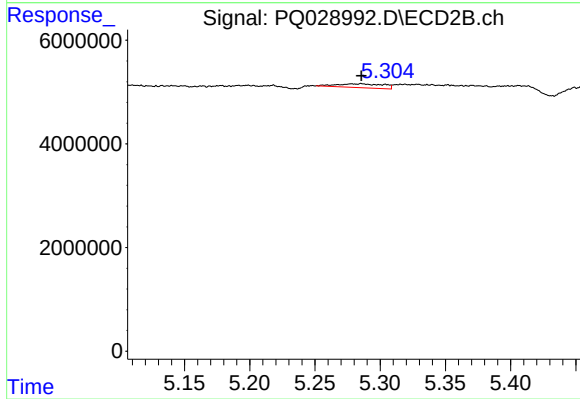
#19 AR-1242-4

R.T.: 5.110 min
Delta R.T.: -0.006 min
Response: 453114
Conc: 2.24 ng/ml



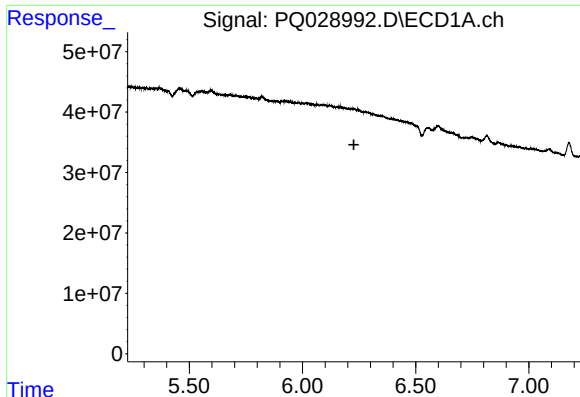
#20 AR-1242-5

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



#20 AR-1242-5

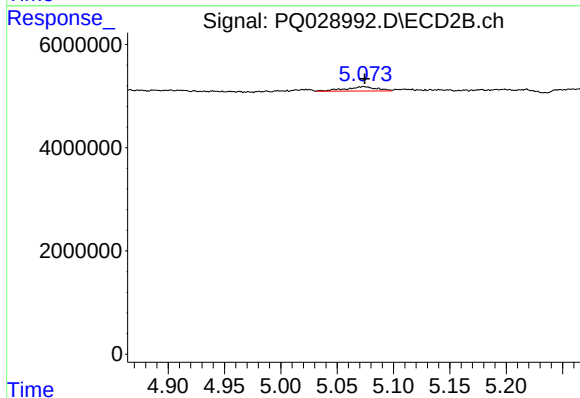
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 1882630
Conc: 8.32 ng/ml



#21 AR-1248-1

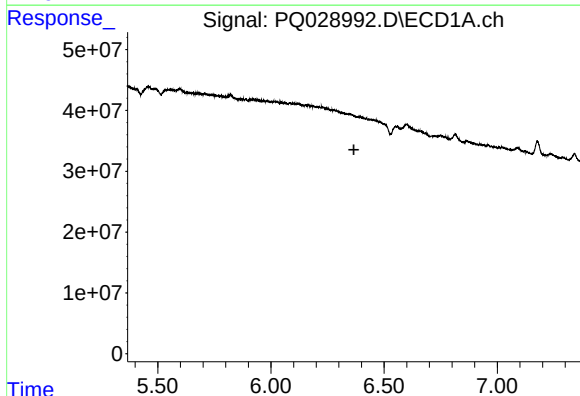
R.T.: 0.000 min
Exp R.T.: 6.227 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



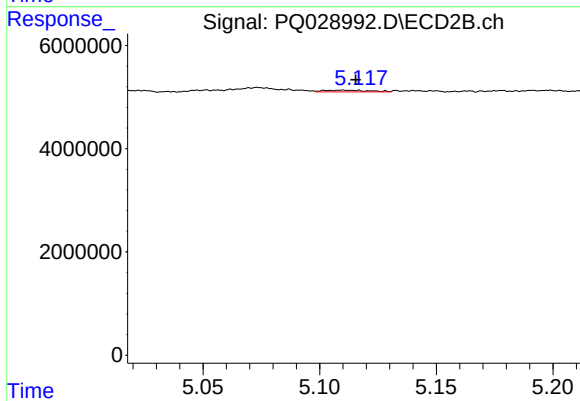
#21 AR-1248-1

R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 1639729
Conc: 5.55 ng/ml



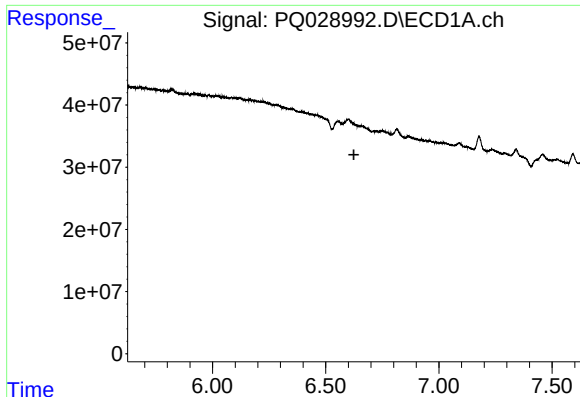
#22 AR-1248-2

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



#22 AR-1248-2

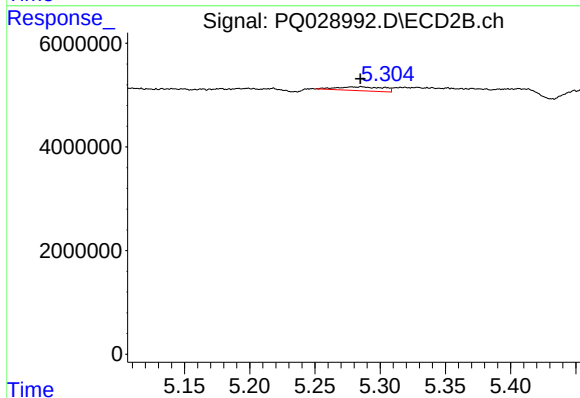
R.T.: 5.110 min
Delta R.T.: -0.006 min
Response: 453114
Conc: 1.47 ng/ml



#23 AR-1248-3

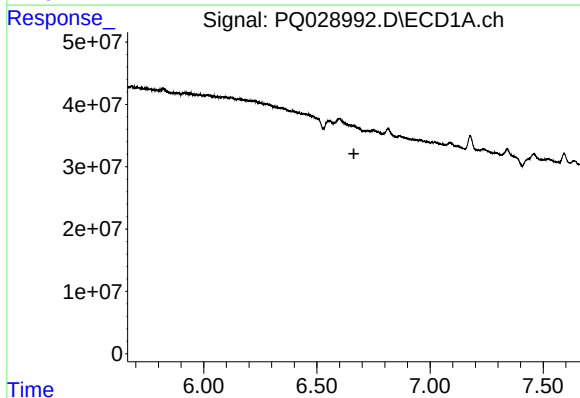
R.T.: 0.000 min
Exp R.T.: 6.624 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



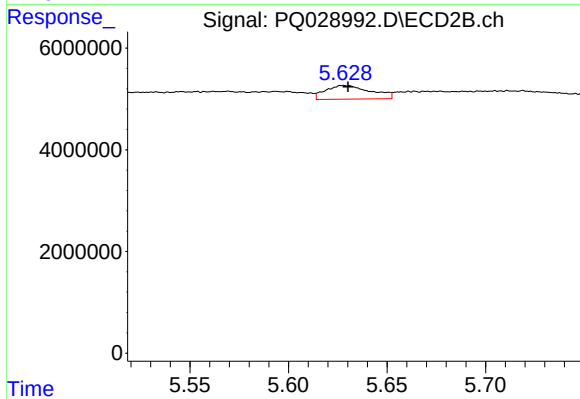
#23 AR-1248-3

R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 1882630
Conc: 4.82 ng/ml



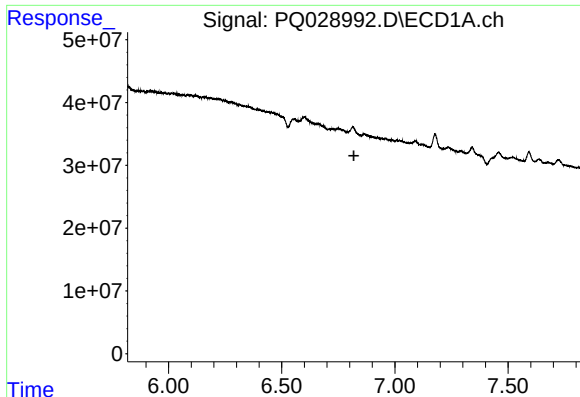
#24 AR-1248-4

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



#24 AR-1248-4

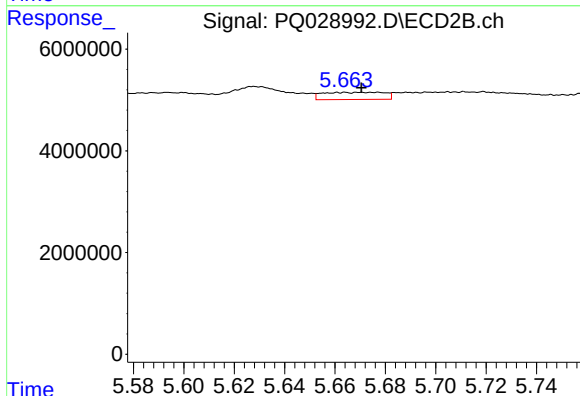
R.T.: 5.629 min
Delta R.T.: -0.001 min
Response: 4294111
Conc: 7.65 ng/ml



#25 AR-1248-5

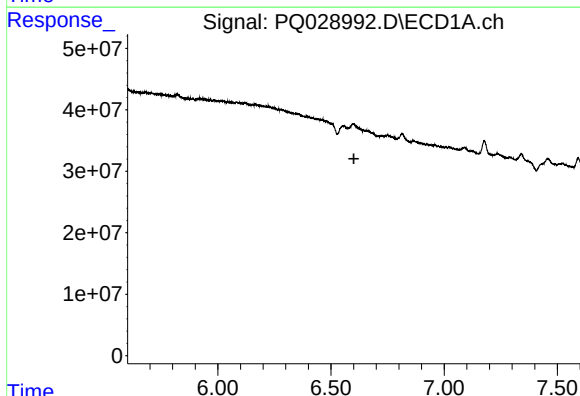
R.T.: 0.000 min
Exp R.T.: 6.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



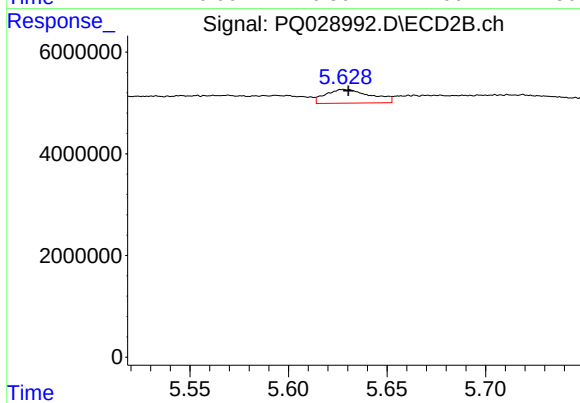
#25 AR-1248-5

R.T.: 5.674 min
Delta R.T.: 0.003 min
Response: 2394970
Conc: 5.80 ng/ml



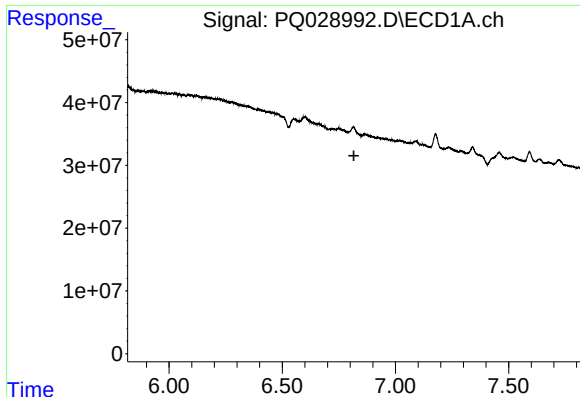
#26 AR-1254-1

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



#26 AR-1254-1

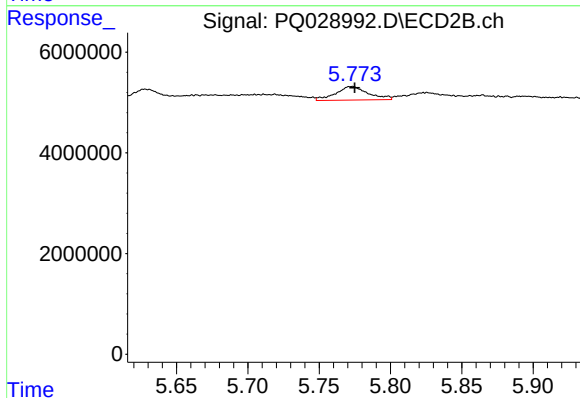
R.T.: 5.629 min
Delta R.T.: -0.002 min
Response: 4294111
Conc: 8.01 ng/ml



#27 AR-1254-2

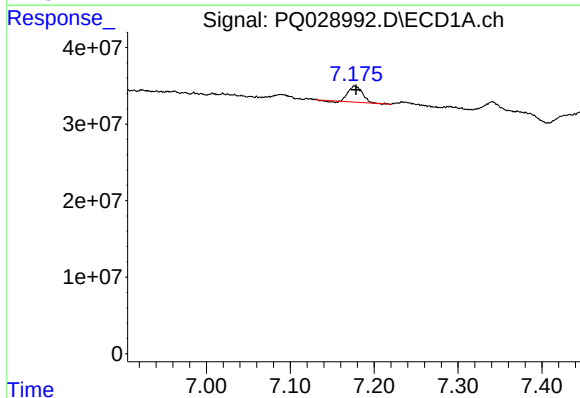
R.T.: 0.000 min
Exp R.T.: 6.817 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



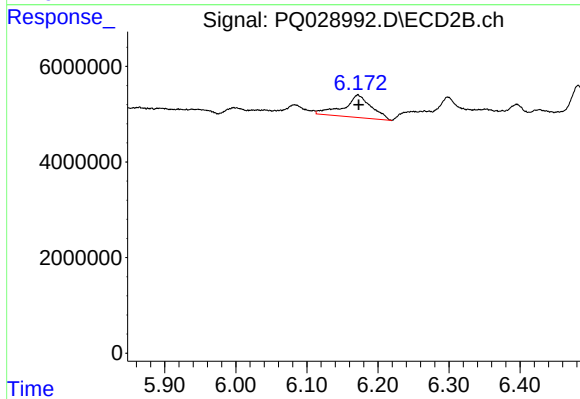
#27 AR-1254-2

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 4302193
Conc: 9.38 ng/ml



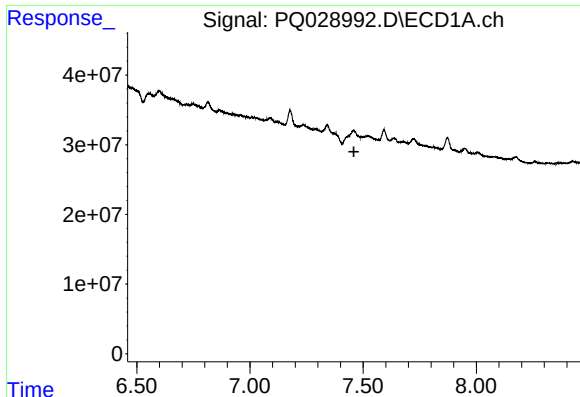
#28 AR-1254-3

R.T.: 7.177 min
Delta R.T.: -0.001 min
Response: 23940198
Conc: 4.02 ng/ml



#28 AR-1254-3

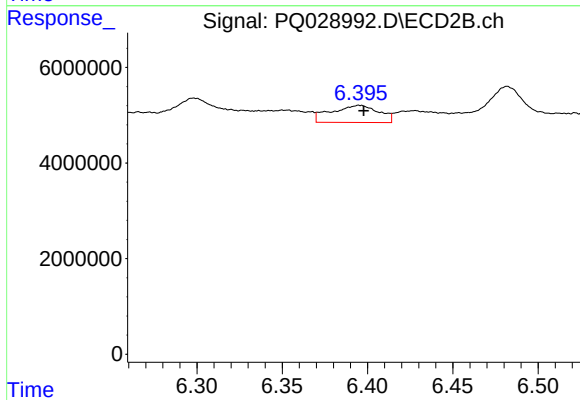
R.T.: 6.172 min
Delta R.T.: -0.001 min
Response: 12665944
Conc: 15.98 ng/ml



#29 AR-1254-4

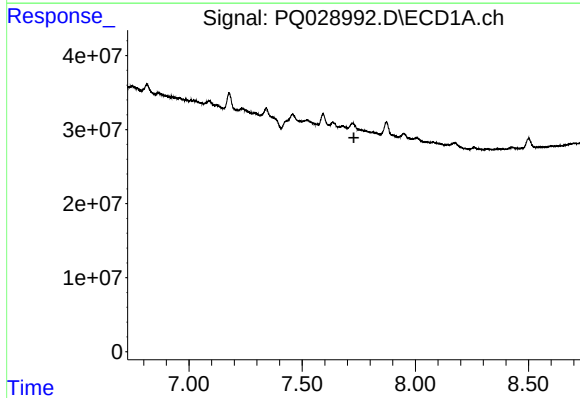
R.T.: 0.000 min
Exp R.T.: 7.459 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



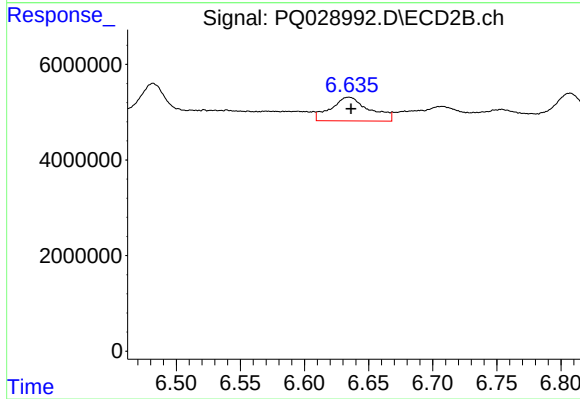
#29 AR-1254-4

R.T.: 6.395 min
Delta R.T.: -0.003 min
Response: 6951384
Conc: 12.76 ng/ml



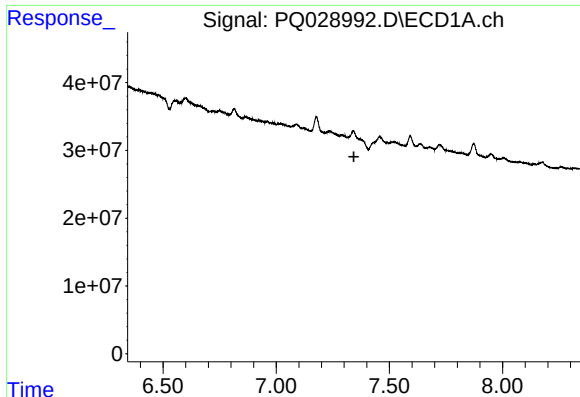
#30 AR-1254-5

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



#30 AR-1254-5

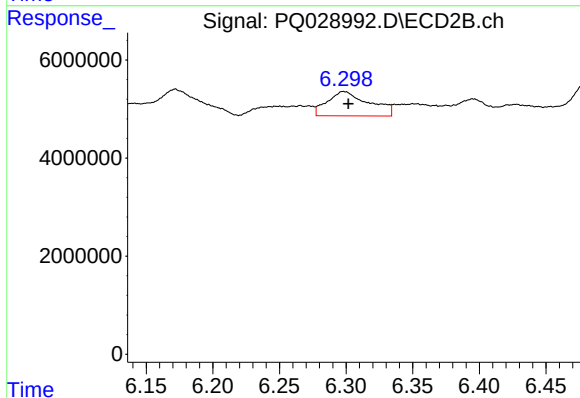
R.T.: 6.635 min
Delta R.T.: -0.002 min
Response: 10355827
Conc: 29.93 ng/ml



#31 AR-1260-1

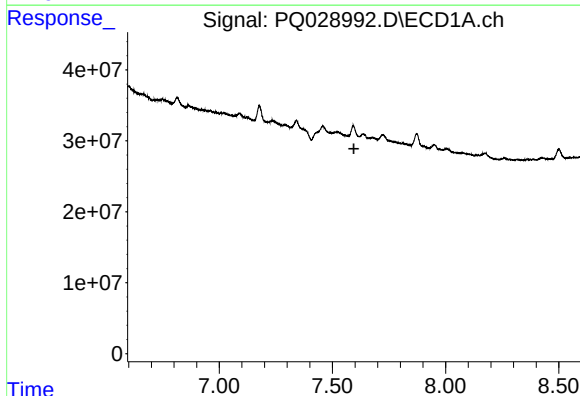
R.T.: 0.000 min
Exp R.T. : 7.343 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



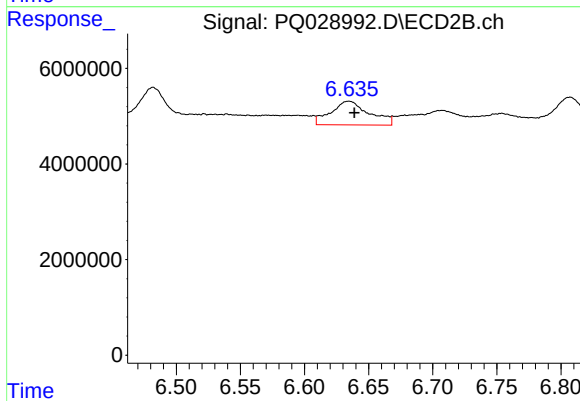
#31 AR-1260-1

R.T.: 6.299 min
Delta R.T.: -0.003 min
Response: 10898567
Conc: 17.67 ng/ml



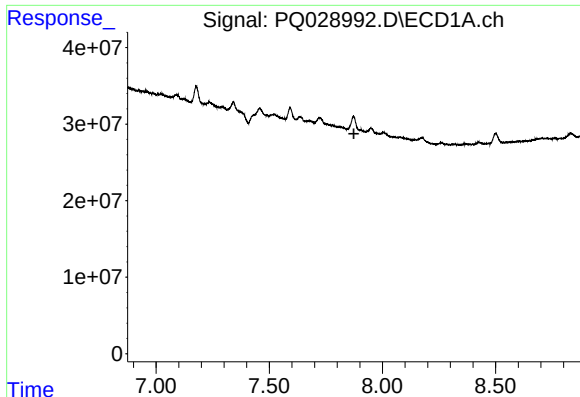
#32 AR-1260-2

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



#32 AR-1260-2

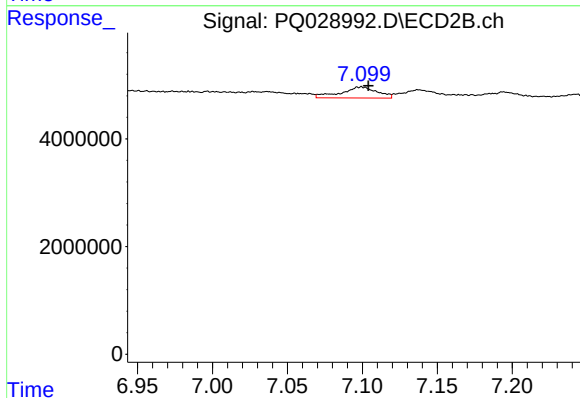
R.T.: 6.635 min
Delta R.T.: -0.005 min
Response: 10355827
Conc: 14.62 ng/ml



#33 AR-1260-3

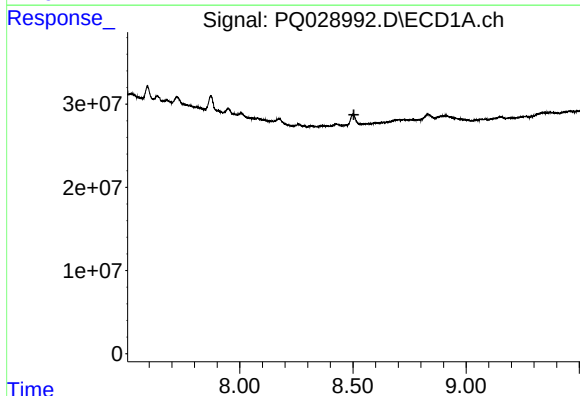
R.T.: 0.000 min
Exp R.T.: 7.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



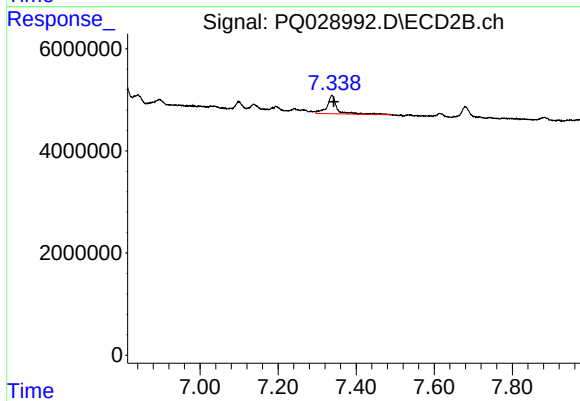
#33 AR-1260-3

R.T.: 7.099 min
Delta R.T.: -0.005 min
Response: 3462333
Conc: 5.84 ng/ml



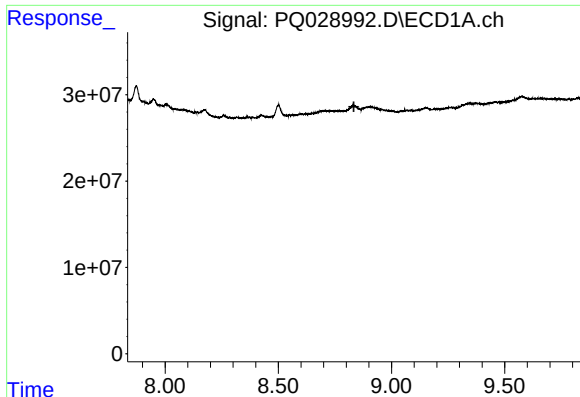
#34 AR-1260-4

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



#34 AR-1260-4

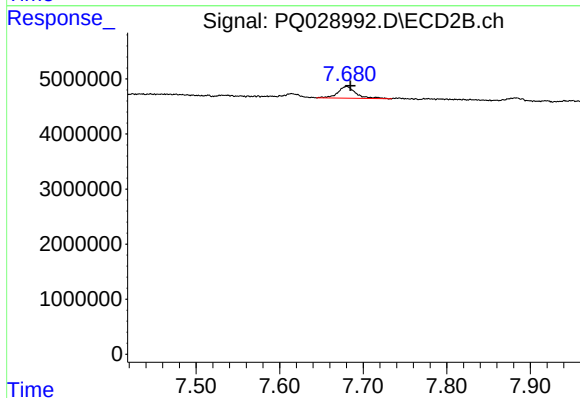
R.T.: 7.338 min
Delta R.T.: -0.004 min
Response: 6201881
Conc: 4.24 ng/ml



#35 AR-1260-5

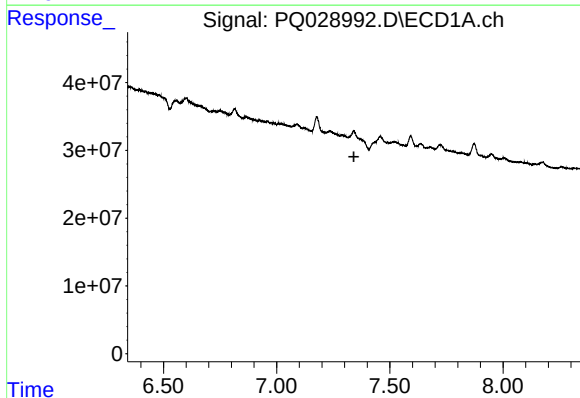
R.T.: 0.000 min
Exp R.T.: 8.834 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



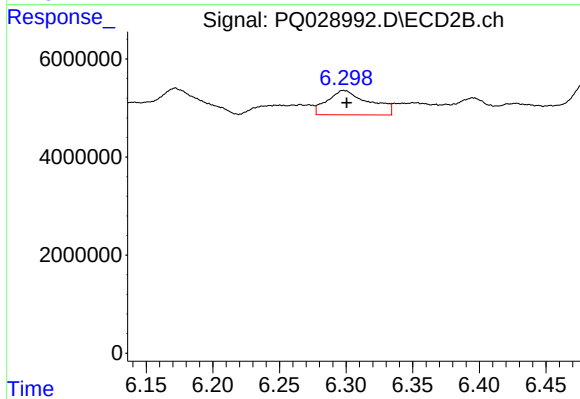
#35 AR-1260-5

R.T.: 7.680 min
Delta R.T.: -0.005 min
Response: 3207710
Conc: 3.05 ng/ml



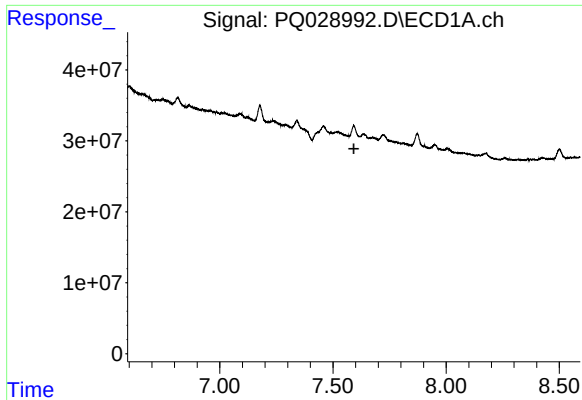
#36 AR-1262-1

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



#36 AR-1262-1

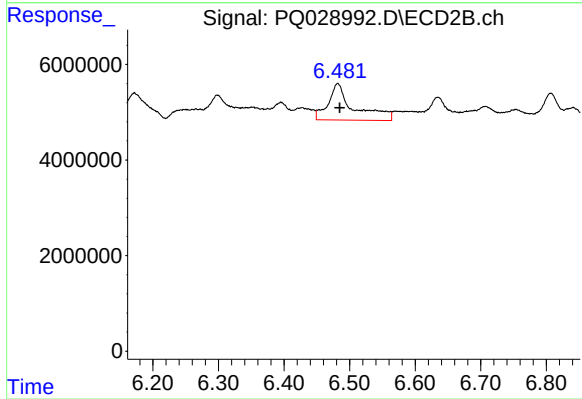
R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 10898567
Conc: 21.77 ng/ml



#37 AR-1262-2

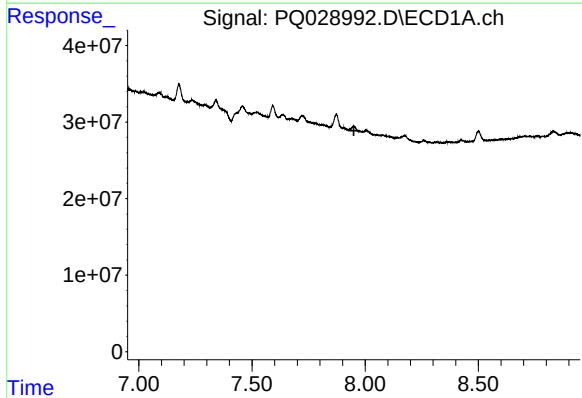
R.T.: 0.000 min
Exp R.T.: 7.592 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



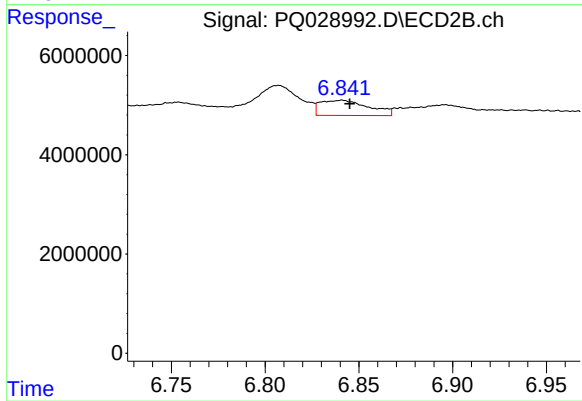
#37 AR-1262-2

R.T.: 6.482 min
Delta R.T.: -0.003 min
Response: 20686860
Conc: 32.42 ng/ml



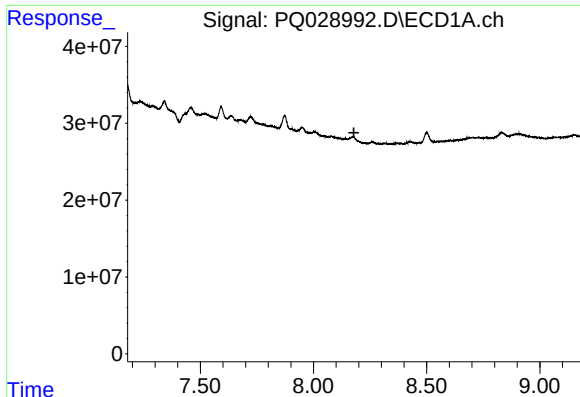
#38 AR-1262-3

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



#38 AR-1262-3

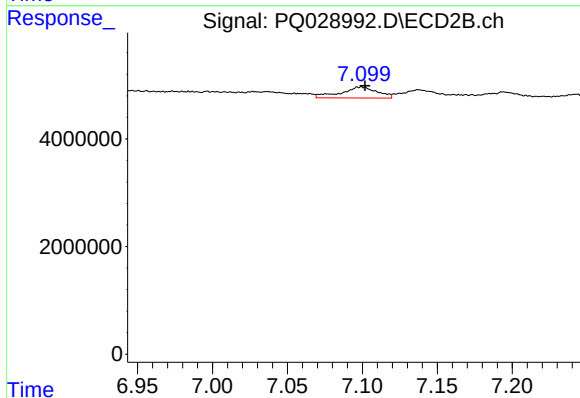
R.T.: 6.840 min
Delta R.T.: -0.005 min
Response: 5507585
Conc: 6.08 ng/ml



#39 AR-1262-4

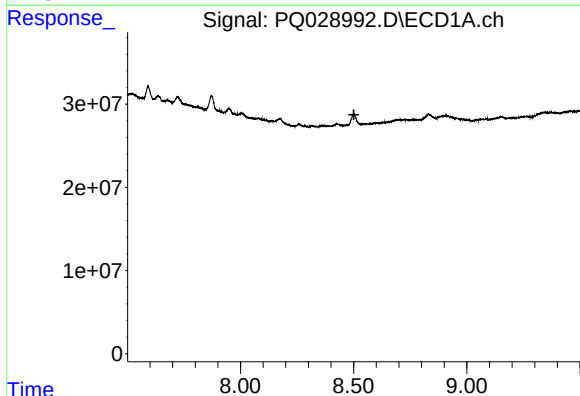
R.T.: 0.000 min
Exp R.T.: 8.179 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



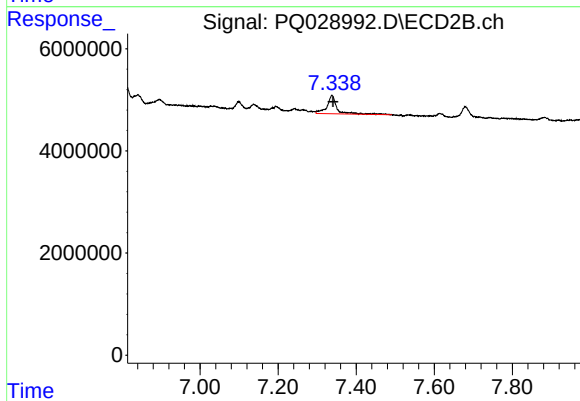
#39 AR-1262-4

R.T.: 7.099 min
Delta R.T.: -0.002 min
Response: 3462333
Conc: 4.35 ng/ml



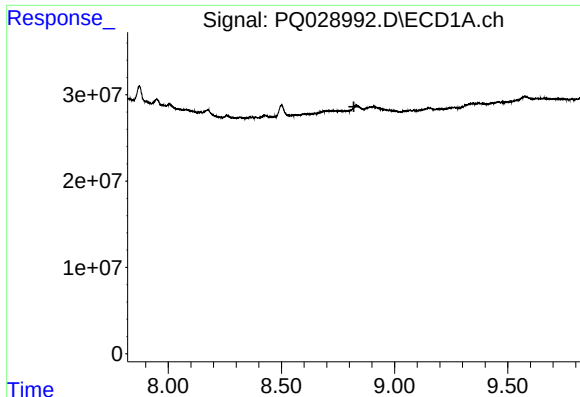
#40 AR-1262-5

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



#40 AR-1262-5

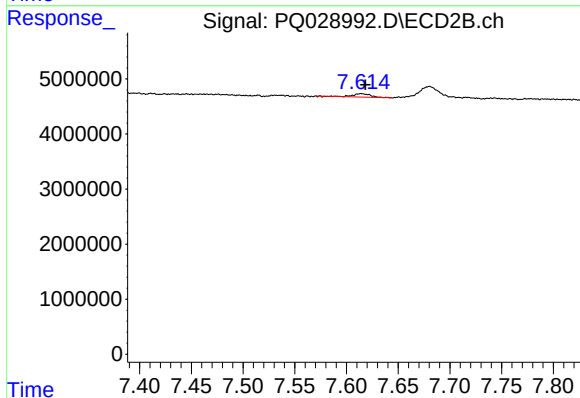
R.T.: 7.338 min
Delta R.T.: -0.003 min
Response: 6201881
Conc: 3.69 ng/ml



#41 AR-1268-1

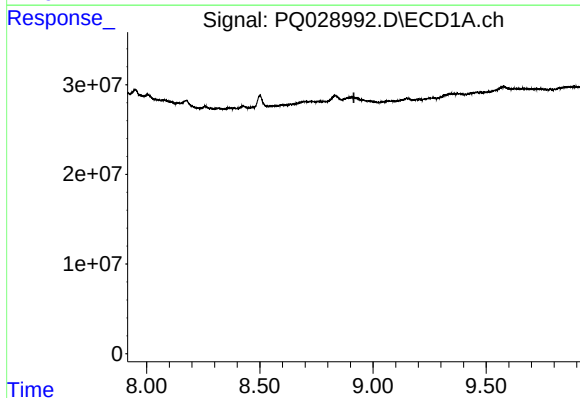
R.T.: 0.000 min
Exp R.T.: 8.820 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



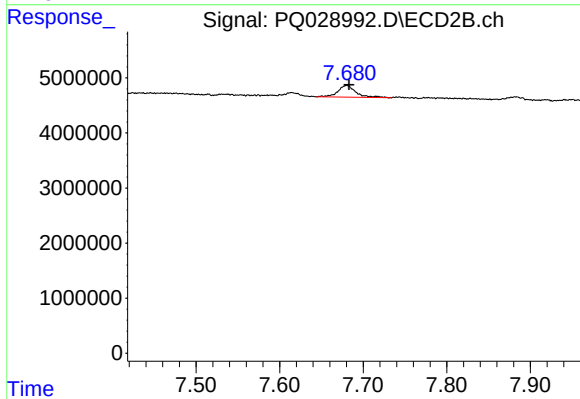
#41 AR-1268-1

R.T.: 7.615 min
Delta R.T.: -0.004 min
Response: 716916
Conc: 0.40 ng/ml



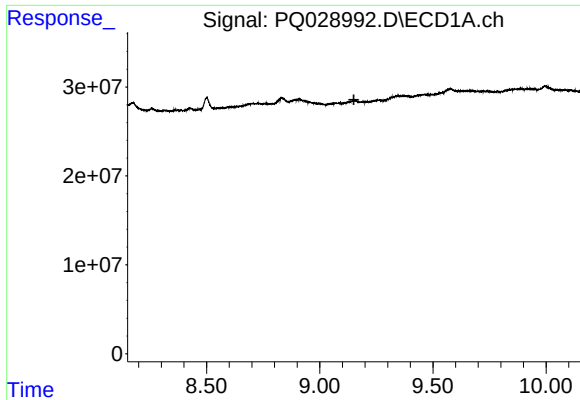
#42 AR-1268-2

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



#42 AR-1268-2

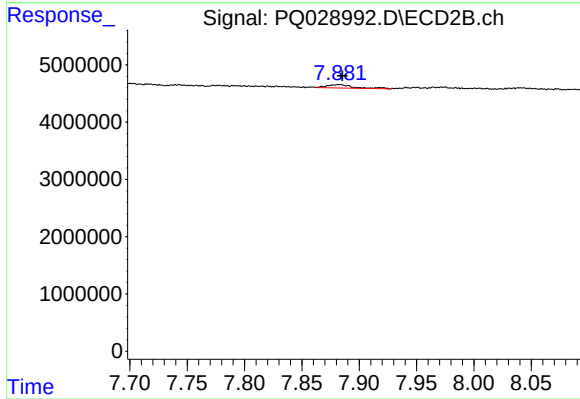
R.T.: 7.680 min
Delta R.T.: -0.003 min
Response: 3207710
Conc: 1.81 ng/ml



#43 AR-1268-3

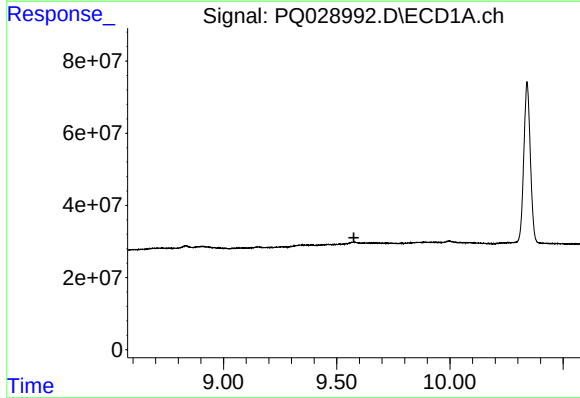
R.T.: 0.000 min
Exp R.T.: 9.151 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



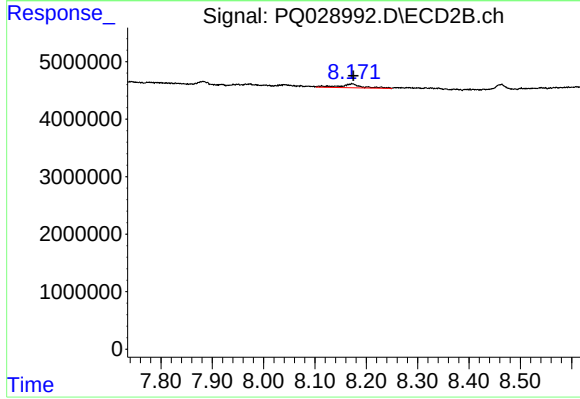
#43 AR-1268-3

R.T.: 7.882 min
Delta R.T.: -0.003 min
Response: 903527
Conc: 0.66 ng/ml



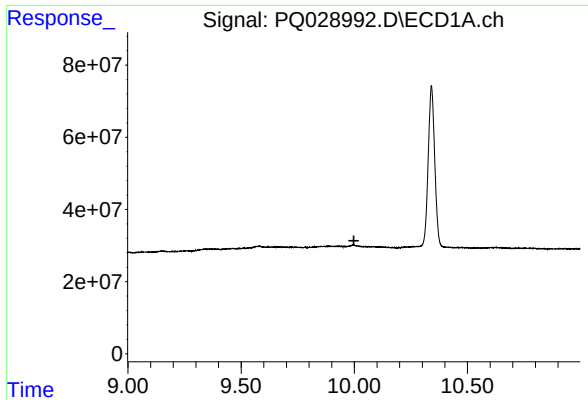
#44 AR-1268-4

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



#44 AR-1268-4

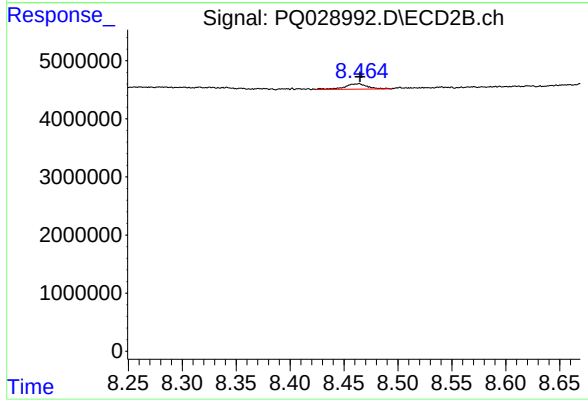
R.T.: 8.172 min
Delta R.T.: -0.003 min
Response: 2140094
Conc: 3.40 ng/ml



#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.: 8.462 min
Delta R.T.: -0.003 min
Response: 1380579
Conc: 0.31 ng/ml