

Data Path : P:\HPCHEM1\ECD_Q\Data\PQ052118\
 Data File : PQ028989.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2018 15:25
 Operator : UA/SM
 Sample : J2966-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 06:09:00 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	3.770	2073.4E6	243.0E6	25.089	27.178
2)	SA Decachlor...	10.343	8.712	567.0E6	93871277	9.300	8.083
Target Compounds							
3)	L1 AR-1016-1	0.000	4.623	0	2557369	N.D.	10.476 #
4)	L1 AR-1016-2	0.000	5.033	0	1274793	N.D.	4.651 #
5)	L1 AR-1016-3	0.000	5.076	0	1609128	N.D.	7.539 #
6)	L1 AR-1016-4	0.000	5.114	0	1629796	N.D.	6.238 #
7)	L1 AR-1016-5	0.000	5.284	0	2236812	N.D.	7.736 #
8)	L2 AR-1221-1	0.000	3.976	0	928100	N.D.	4.646 #
9)	L2 AR-1221-2	0.000	4.067	0	6574527	N.D.	44.117 #
10)	L2 AR-1221-3	0.000	4.142	0	3590592	N.D.	7.818 #
11)	L3 AR-1232-1	0.000	4.142	0	3590592	N.D.	17.089 #
12)	L3 AR-1232-2	0.000	4.915	0	2892703	N.D.	15.593 #
13)	L3 AR-1232-3	0.000	5.033	0	1274793	N.D.	9.193 #
14)	L3 AR-1232-4	0.000	5.284	0	2236812	N.D.	15.229 #
15)	L3 AR-1232-5	0.000	5.629	0	2669106	N.D.	16.347 #
16)	L4 AR-1242-1	0.000	4.623	0	2557369	N.D.	13.156 #
17)	L4 AR-1242-2	0.000	4.857	0	2691255	N.D.	5.914 #
18)	L4 AR-1242-3	0.000	5.033	0	1274793	N.D.	6.139 #
19)	L4 AR-1242-4	0.000	5.114	0	1629796	N.D.	8.069 #
20)	L4 AR-1242-5	0.000	5.284	0	2236812	N.D.	9.881 #
21)	L5 AR-1248-1	0.000	5.076	0	1609128	N.D.	5.451 #
22)	L5 AR-1248-2	0.000	5.114	0	1629796	N.D.	5.294 #
23)	L5 AR-1248-3	0.000	5.284	0	2236812	N.D.	5.730 #
24)	L5 AR-1248-4	0.000	5.629	0	2669106	N.D.	4.753 #
25)	L5 AR-1248-5	0.000	5.654	0	2485313	N.D.	6.020 #
26)	L6 AR-1254-1	0.000	5.629	0	2669106	N.D.	4.977 #
27)	L6 AR-1254-2	0.000	5.773	0	2108657	N.D.	4.598 #
28)	L6 AR-1254-3	0.000	6.185	0	5170205	N.D.	6.525 #
29)	L6 AR-1254-4	0.000	6.374	0	4240721	N.D.	7.785 #
30)	L6 AR-1254-5	0.000	6.635	0	6277747	N.D.	18.141 #
31)	L7 AR-1260-1	0.000	6.298	0	10831009	N.D.	17.562 #
32)	L7 AR-1260-2	0.000	6.635	0	6277747	N.D.	8.864 #
33)	L7 AR-1260-3	0.000	7.099	0	2895924	N.D.	4.885 #
34)	L7 AR-1260-4	0.000	7.339	0	4303528	N.D.	2.942 #
35)	L7 AR-1260-5	0.000	7.679	0	3051002	N.D.	2.904 #
36)	L8 AR-1262-1	0.000	6.298	0	10831009	N.D.	21.630 #
37)	L8 AR-1262-2	0.000	6.482	0	12919141	N.D.	20.248 #
38)	L8 AR-1262-3	0.000	6.842	0	4613998	N.D.	5.091 #
39)	L8 AR-1262-4	0.000	7.099	0	2895924	N.D.	3.642 #
40)	L8 AR-1262-5	0.000	7.339	0	4303528	N.D.	2.563 #
41)	L9 AR-1268-1	0.000	7.617	0	1721834	N.D.	0.949 #

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 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	3051002	N.D.	1.721 #
43) L9	AR-1268-3	0.000	7.881	0	1731778	N.D.	1.258 #
44) L9	AR-1268-4	0.000	8.174	0	2059655	N.D.	3.273 #
45) L9	AR-1268-5	0.000	8.463	0	1792624	N.D.	0.408 #

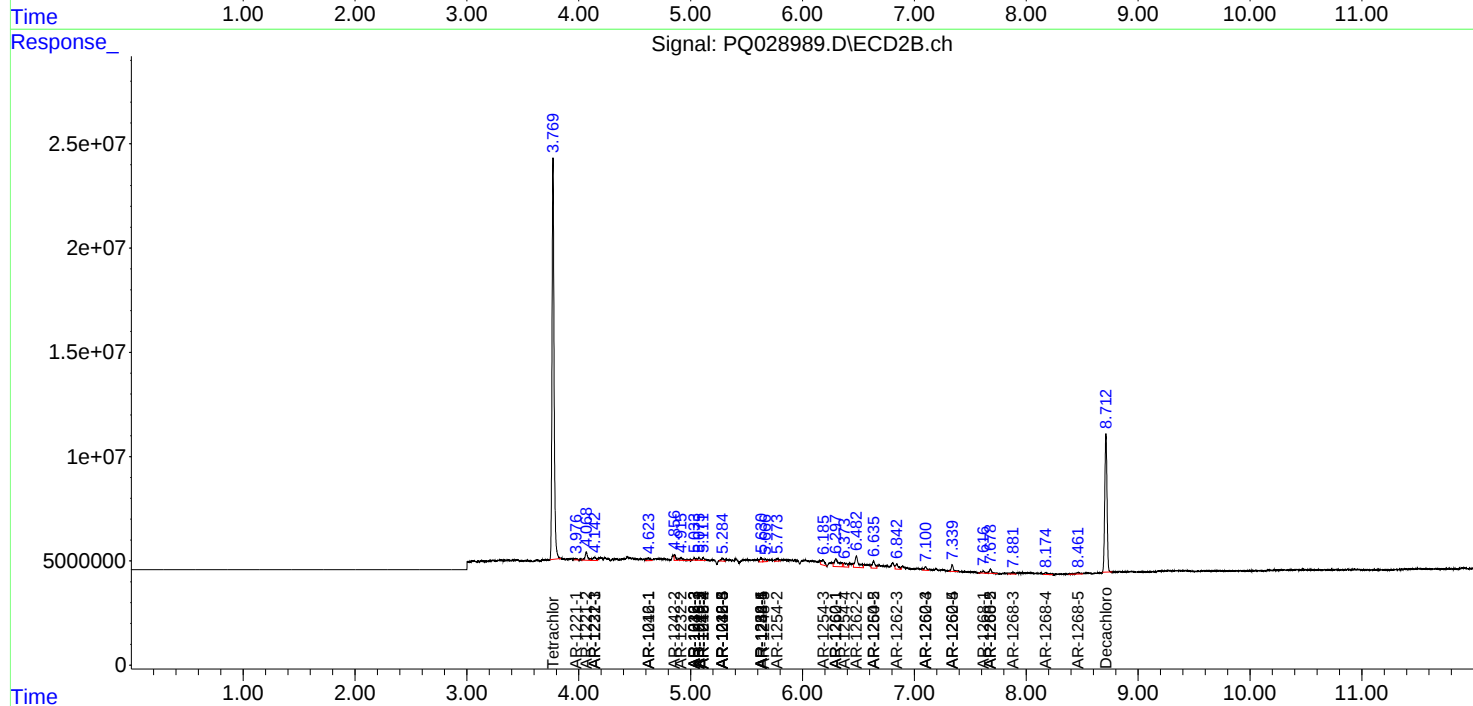
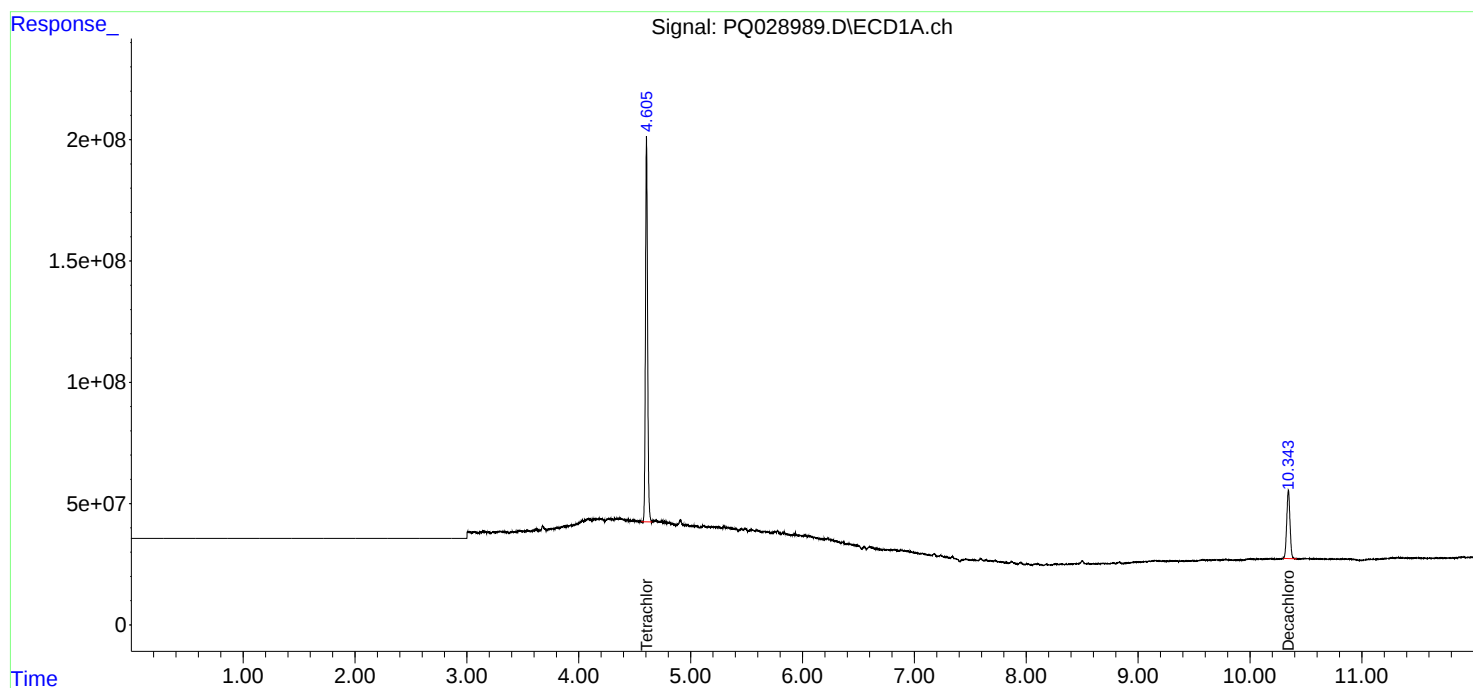
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

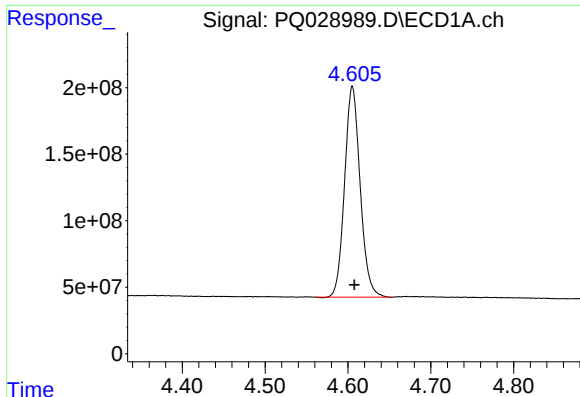
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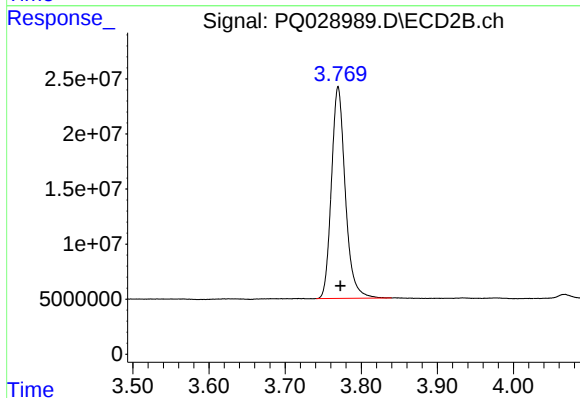




#1 Tetrachloro-m-xylene

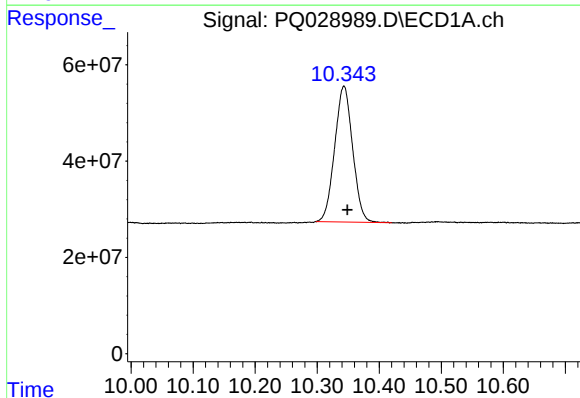
R.T.: 4.605 min
Delta R.T.: -0.003 min
Response: 2073375345
Conc: 25.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



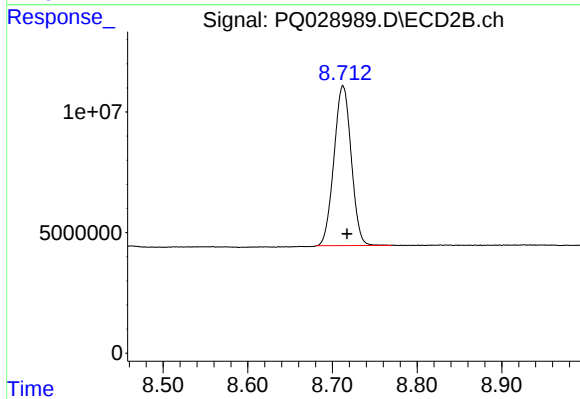
#1 Tetrachloro-m-xylene

R.T.: 3.770 min
Delta R.T.: -0.003 min
Response: 243017576
Conc: 27.18 ng/ml



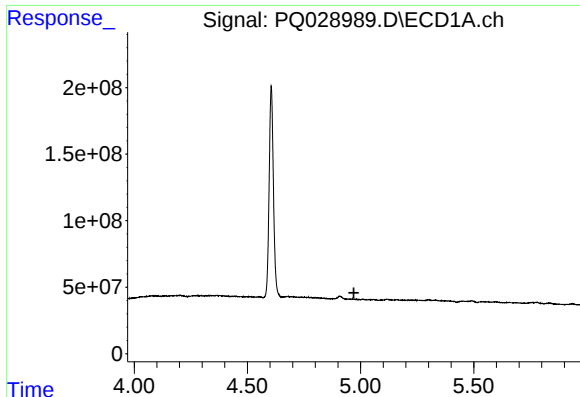
#2 Decachlorobiphenyl

R.T.: 10.343 min
Delta R.T.: -0.006 min
Response: 566994307
Conc: 9.30 ng/ml



#2 Decachlorobiphenyl

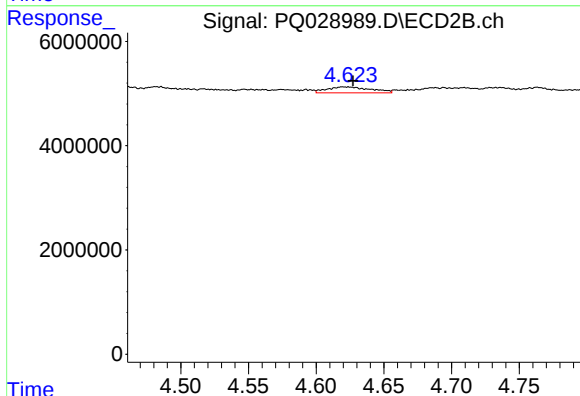
R.T.: 8.712 min
Delta R.T.: -0.005 min
Response: 93871277
Conc: 8.08 ng/ml



#3 AR-1016-1

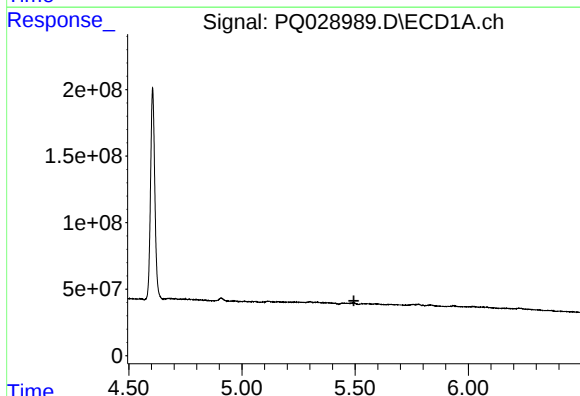
R.T.: 0.000 min
Exp R.T. : 4.970 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



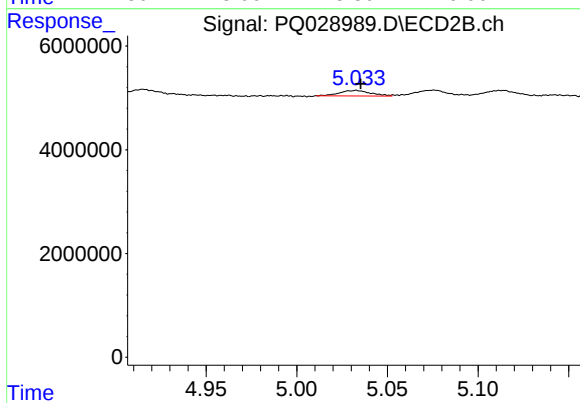
#3 AR-1016-1

R.T.: 4.623 min
Delta R.T.: -0.004 min
Response: 2557369
Conc: 10.48 ng/ml



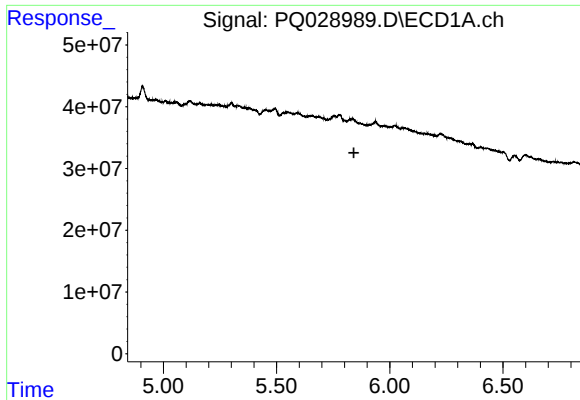
#4 AR-1016-2

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



#4 AR-1016-2

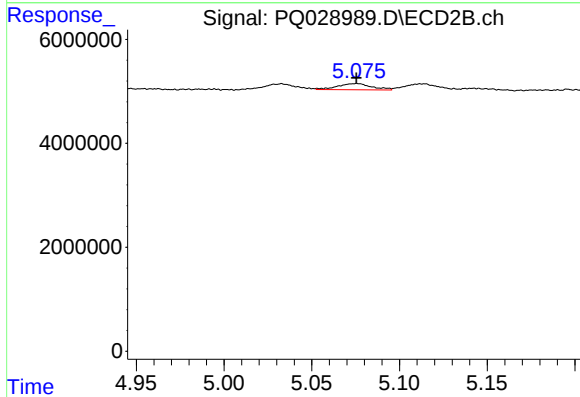
R.T.: 5.033 min
Delta R.T.: -0.003 min
Response: 1274793
Conc: 4.65 ng/ml



#5 AR-1016-3

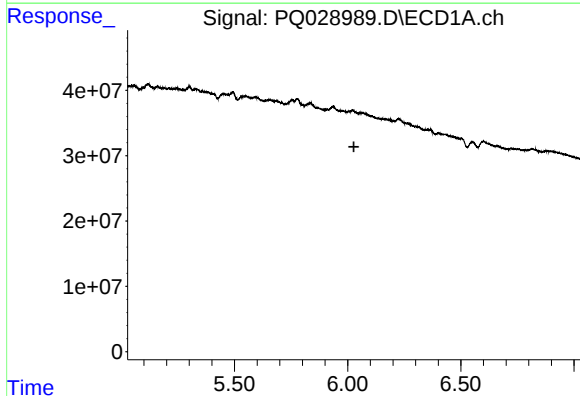
R.T.: 0.000 min
Exp R.T.: 5.841 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



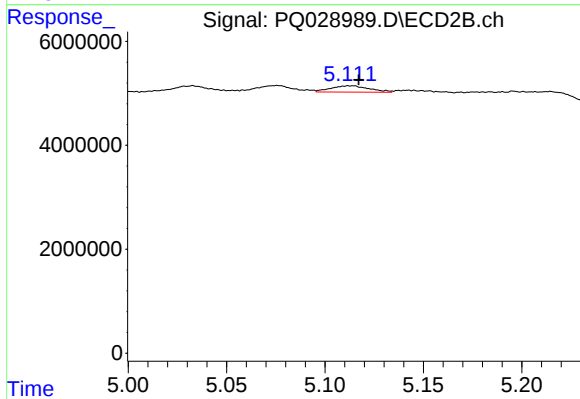
#5 AR-1016-3

R.T.: 5.076 min
Delta R.T.: 0.000 min
Response: 1609128
Conc: 7.54 ng/ml



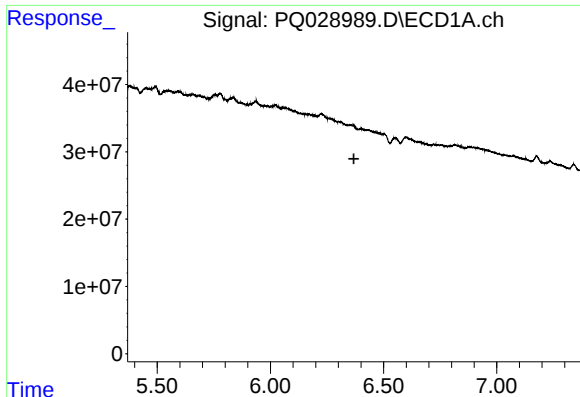
#6 AR-1016-4

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



#6 AR-1016-4

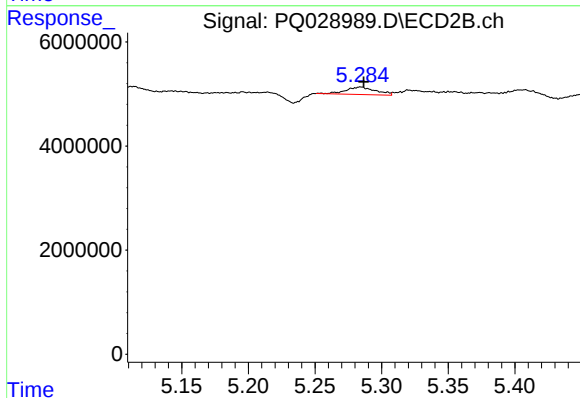
R.T.: 5.114 min
Delta R.T.: -0.004 min
Response: 1629796
Conc: 6.24 ng/ml



#7 AR-1016-5

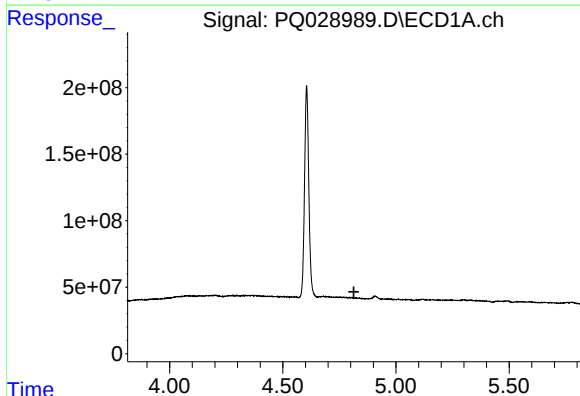
R.T.: 0.000 min
Exp R.T.: 6.369 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



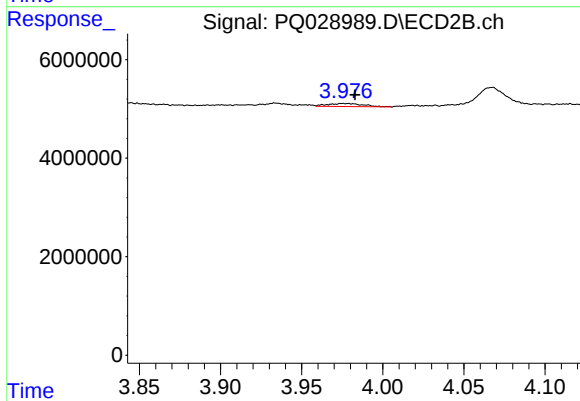
#7 AR-1016-5

R.T.: 5.284 min
Delta R.T.: -0.002 min
Response: 2236812
Conc: 7.74 ng/ml



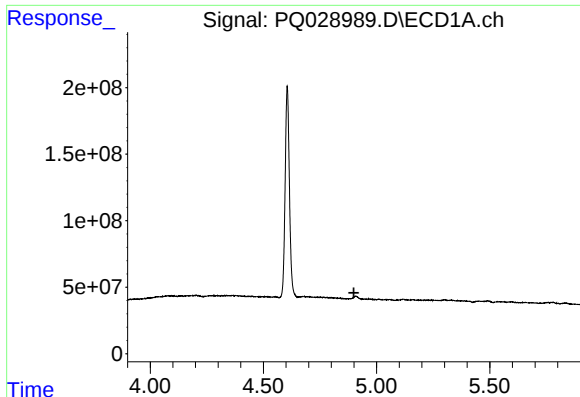
#8 AR-1221-1

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



#8 AR-1221-1

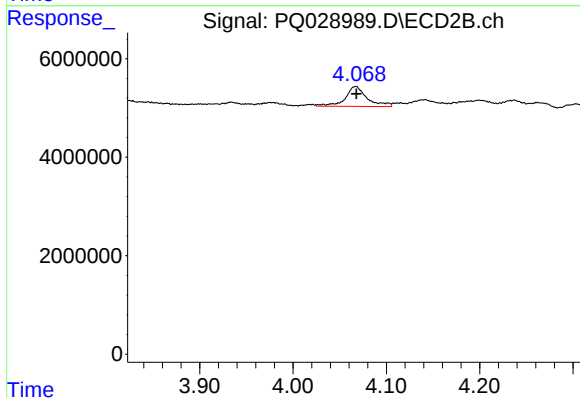
R.T.: 3.976 min
Delta R.T.: -0.007 min
Response: 928100
Conc: 4.65 ng/ml



#9 AR-1221-2

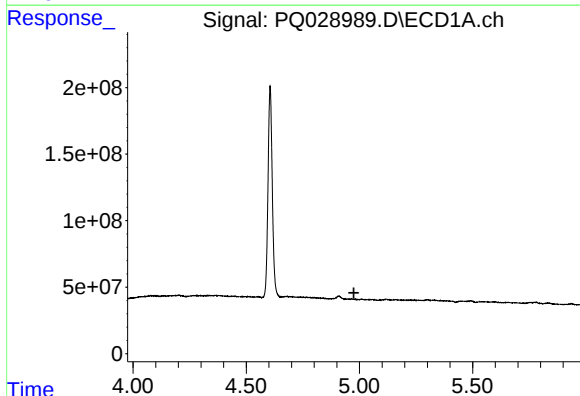
R.T.: 0.000 min
Exp R.T. : 4.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



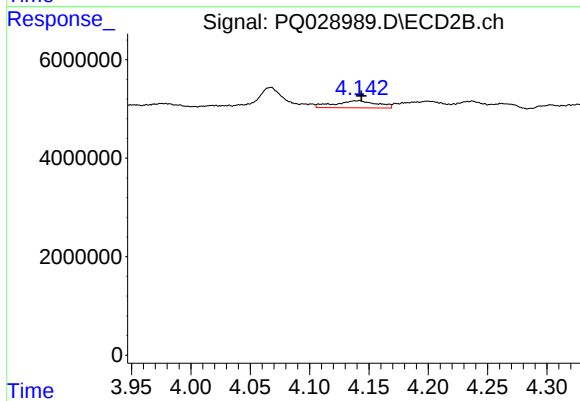
#9 AR-1221-2

R.T.: 4.067 min
Delta R.T.: 0.000 min
Response: 6574527
Conc: 44.12 ng/ml



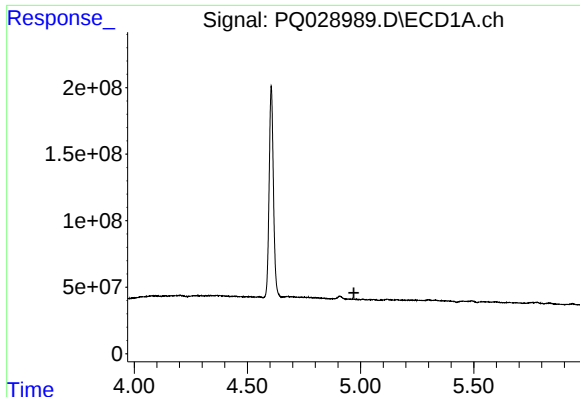
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.976 min
Response: 0
Conc: N.D.



#10 AR-1221-3

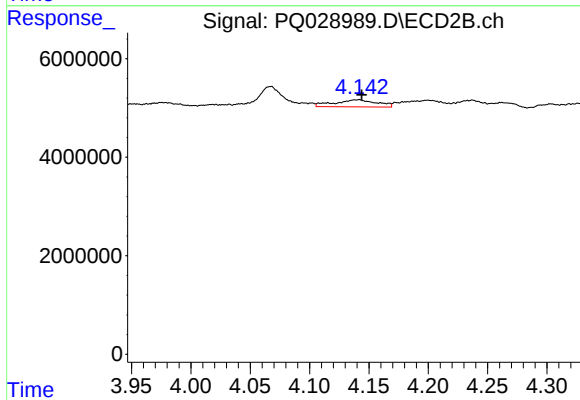
R.T.: 4.142 min
Delta R.T.: -0.002 min
Response: 3590592
Conc: 7.82 ng/ml



#11 AR-1232-1

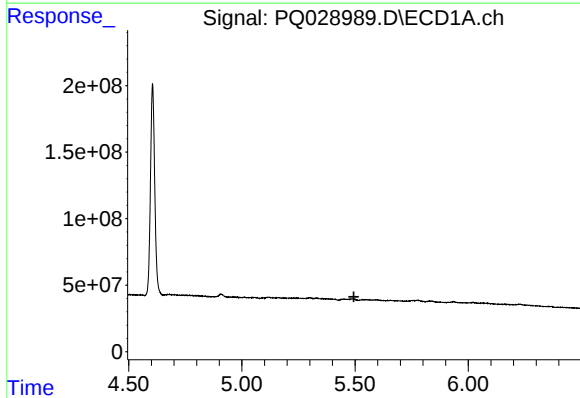
R.T.: 0.000 min
Exp R.T. : 4.971 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



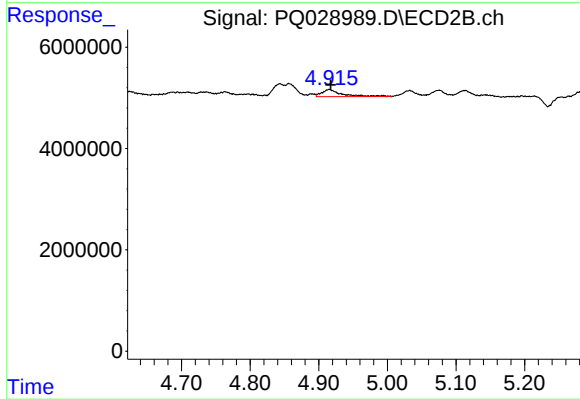
#11 AR-1232-1

R.T.: 4.142 min
Delta R.T.: -0.002 min
Response: 3590592
Conc: 17.09 ng/ml



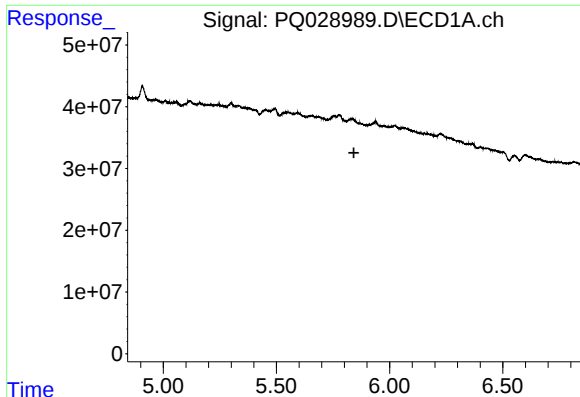
#12 AR-1232-2

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



#12 AR-1232-2

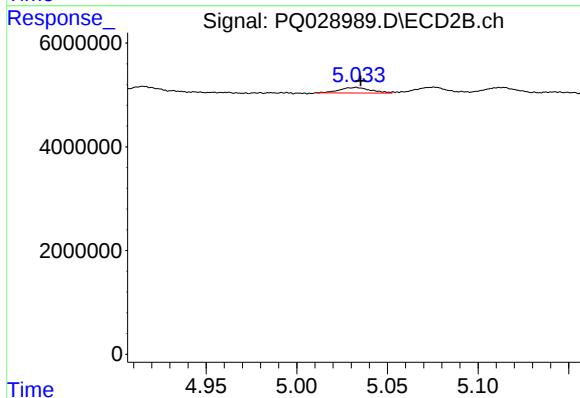
R.T.: 4.915 min
Delta R.T.: -0.002 min
Response: 2892703
Conc: 15.59 ng/ml



#13 AR-1232-3

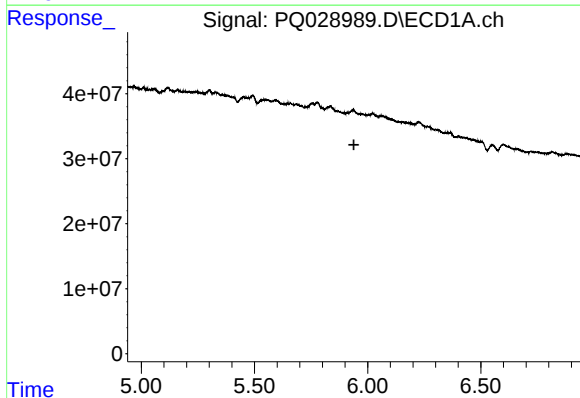
R.T.: 0.000 min
Exp R.T. : 5.842 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



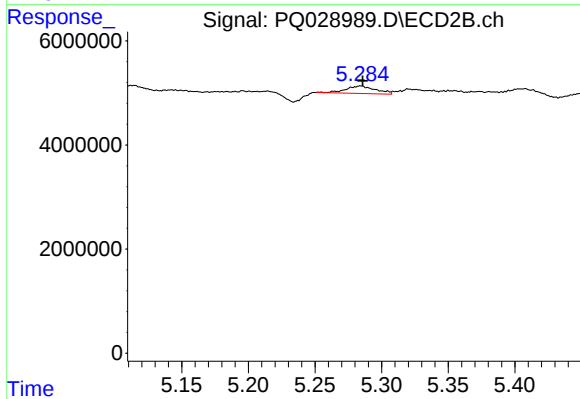
#13 AR-1232-3

R.T.: 5.033 min
Delta R.T.: -0.003 min
Response: 1274793
Conc: 9.19 ng/ml



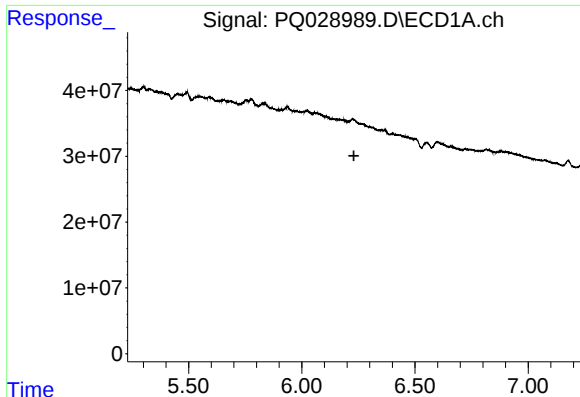
#14 AR-1232-4

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



#14 AR-1232-4

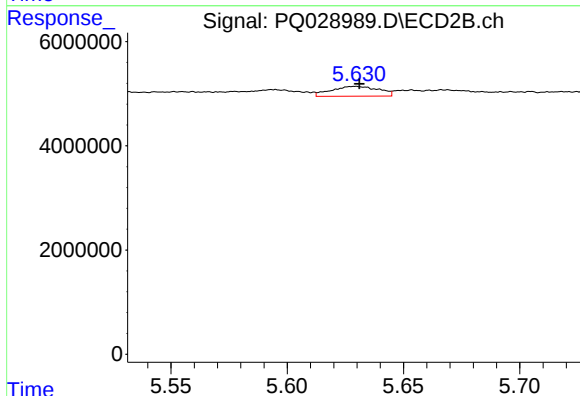
R.T.: 5.284 min
Delta R.T.: -0.002 min
Response: 2236812
Conc: 15.23 ng/ml



#15 AR-1232-5

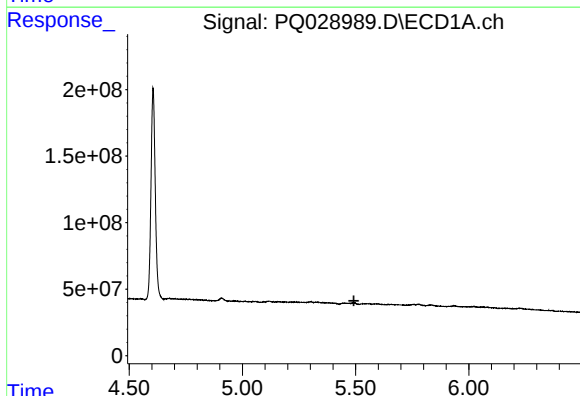
R.T.: 0.000 min
Exp R.T.: 6.230 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



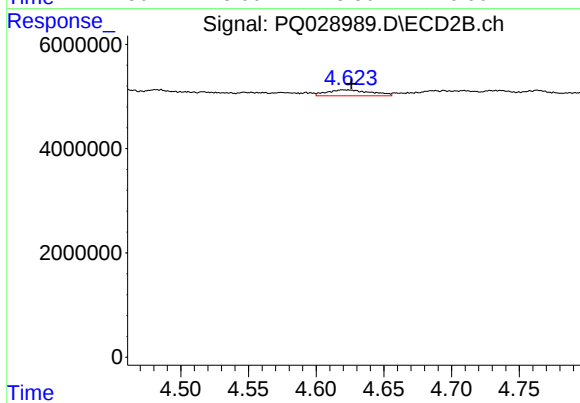
#15 AR-1232-5

R.T.: 5.629 min
Delta R.T.: -0.002 min
Response: 2669106
Conc: 16.35 ng/ml



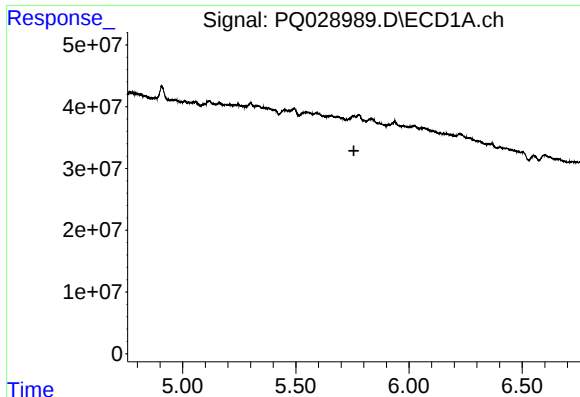
#16 AR-1242-1

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



#16 AR-1242-1

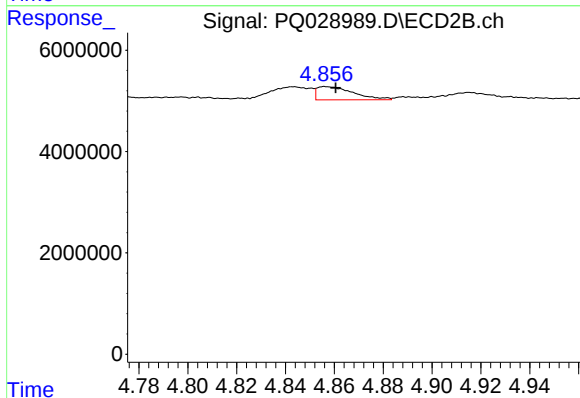
R.T.: 4.623 min
Delta R.T.: -0.003 min
Response: 2557369
Conc: 13.16 ng/ml



#17 AR-1242-2

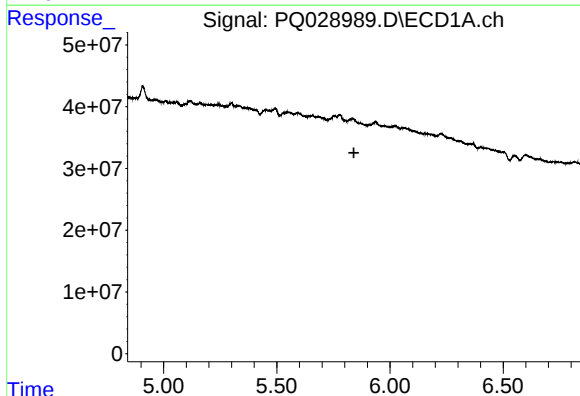
R.T.: 0.000 min
Exp R.T.: 5.757 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



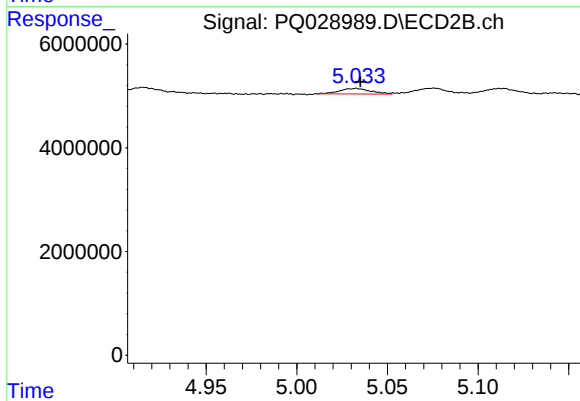
#17 AR-1242-2

R.T.: 4.857 min
Delta R.T.: -0.004 min
Response: 2691255
Conc: 5.91 ng/ml



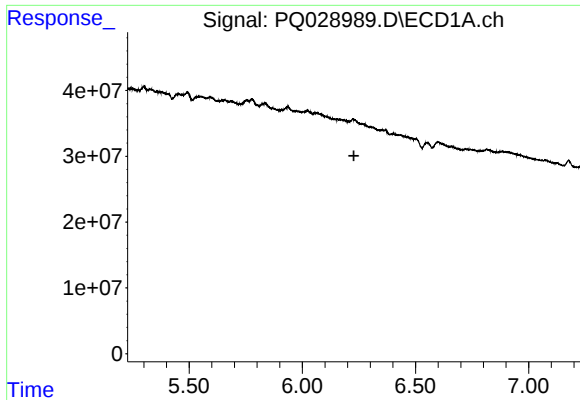
#18 AR-1242-3

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



#18 AR-1242-3

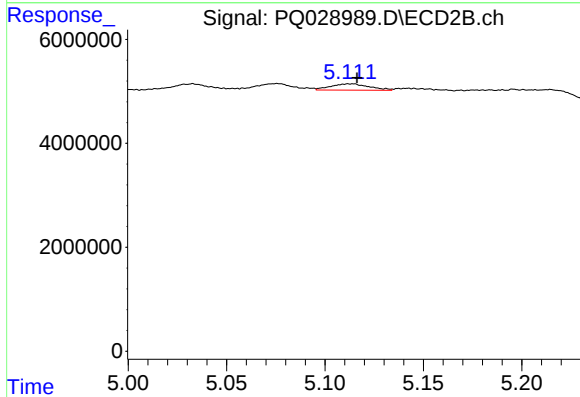
R.T.: 5.033 min
Delta R.T.: -0.002 min
Response: 1274793
Conc: 6.14 ng/ml



#19 AR-1242-4

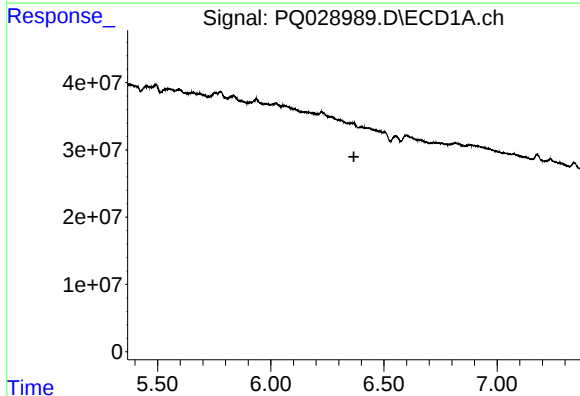
R.T.: 0.000 min
Exp R.T.: 6.228 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



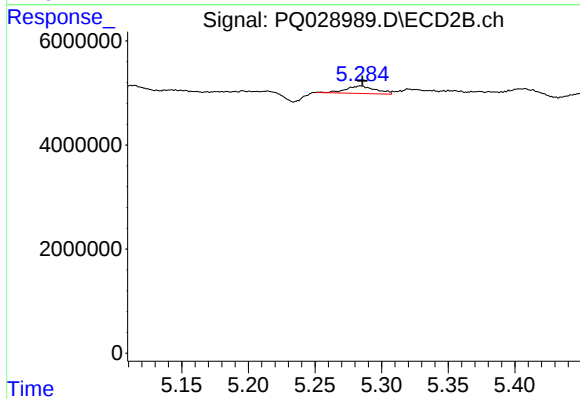
#19 AR-1242-4

R.T.: 5.114 min
Delta R.T.: -0.003 min
Response: 1629796
Conc: 8.07 ng/ml



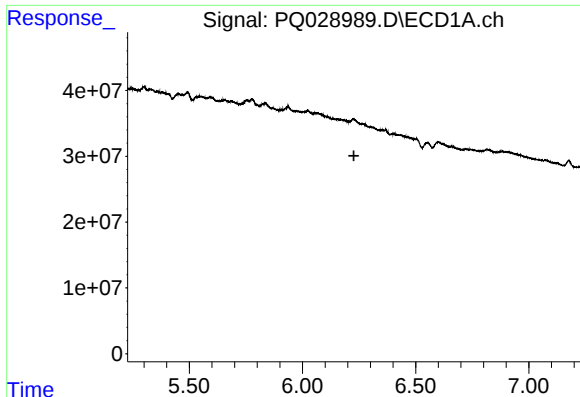
#20 AR-1242-5

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



#20 AR-1242-5

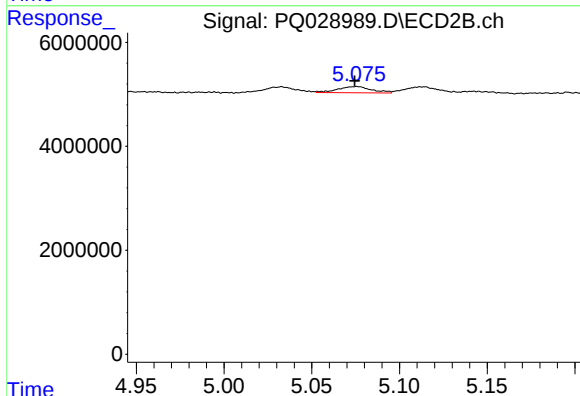
R.T.: 5.284 min
Delta R.T.: -0.001 min
Response: 2236812
Conc: 9.88 ng/ml



#21 AR-1248-1

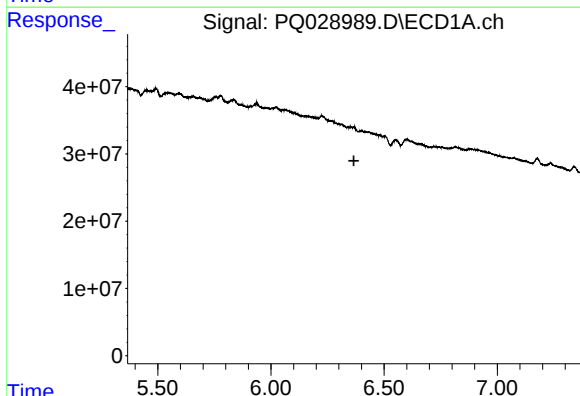
R.T.: 0.000 min
Exp R.T.: 6.227 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



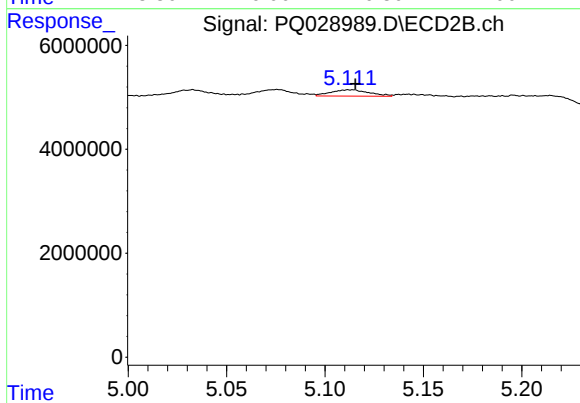
#21 AR-1248-1

R.T.: 5.076 min
Delta R.T.: 0.001 min
Response: 1609128
Conc: 5.45 ng/ml



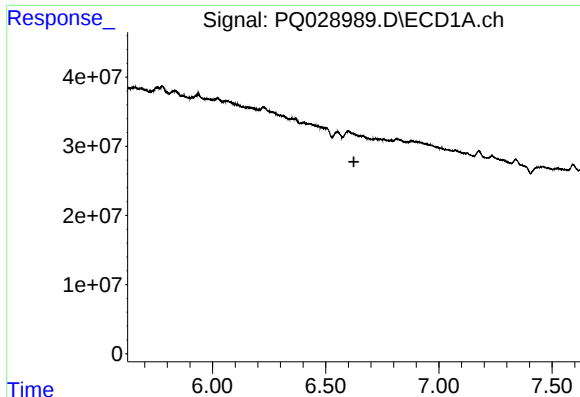
#22 AR-1248-2

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



#22 AR-1248-2

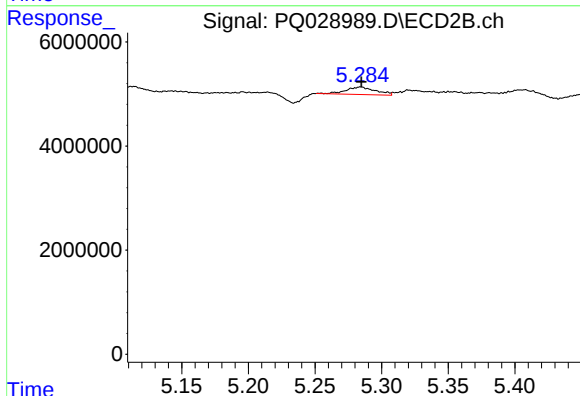
R.T.: 5.114 min
Delta R.T.: -0.002 min
Response: 1629796
Conc: 5.29 ng/ml



#23 AR-1248-3

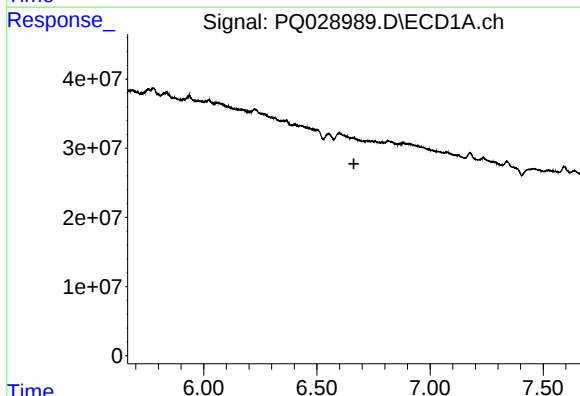
R.T.: 0.000 min
Exp R.T.: 6.624 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



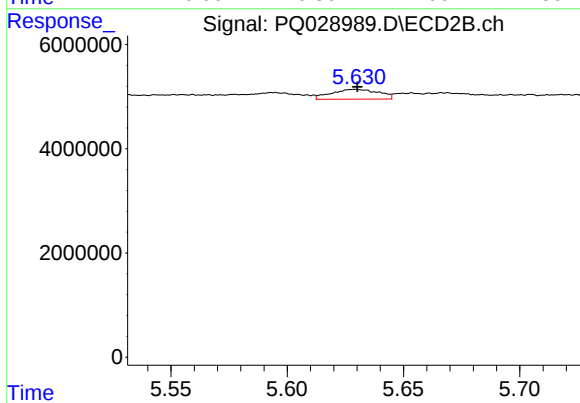
#23 AR-1248-3

R.T.: 5.284 min
Delta R.T.: 0.000 min
Response: 2236812
Conc: 5.73 ng/ml



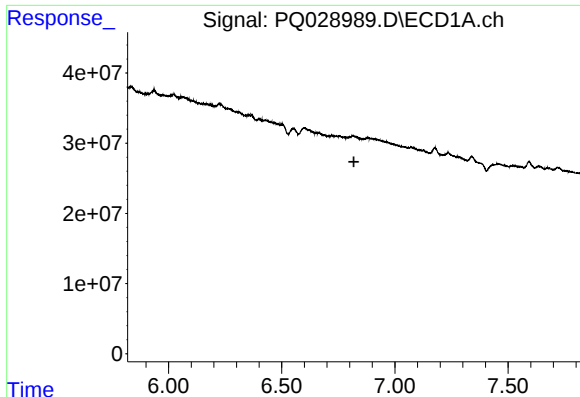
#24 AR-1248-4

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



#24 AR-1248-4

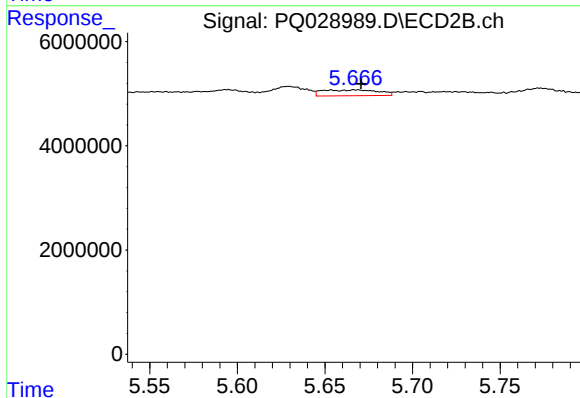
R.T.: 5.629 min
Delta R.T.: -0.001 min
Response: 2669106
Conc: 4.75 ng/ml



#25 AR-1248-5

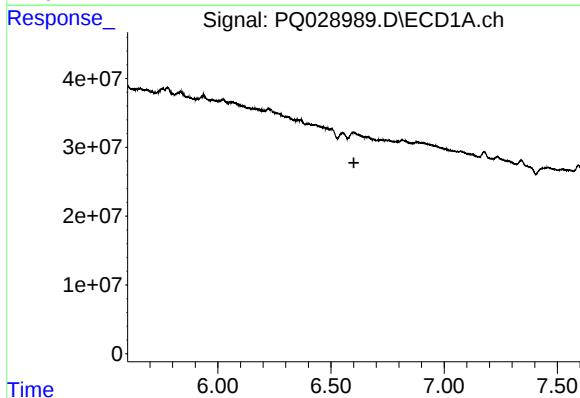
R.T.: 0.000 min
Exp R.T.: 6.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



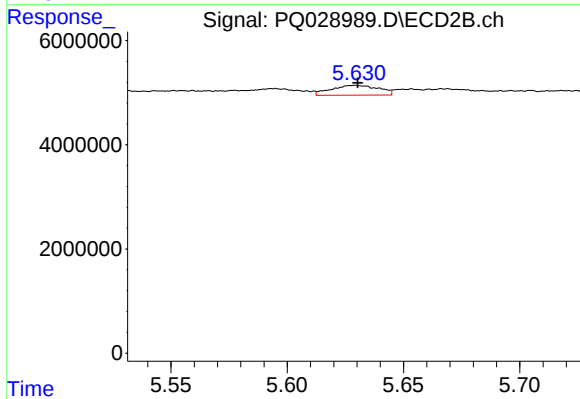
#25 AR-1248-5

R.T.: 5.654 min
Delta R.T.: -0.017 min
Response: 2485313
Conc: 6.02 ng/ml



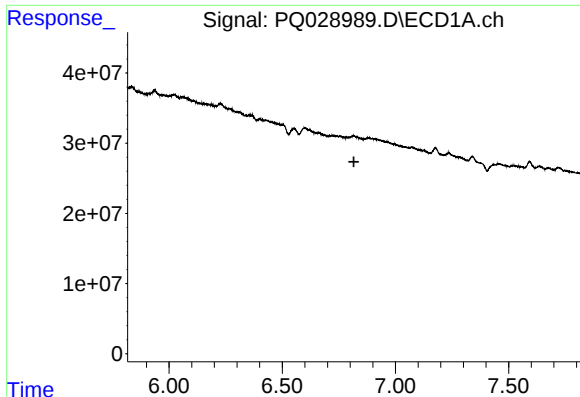
#26 AR-1254-1

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



#26 AR-1254-1

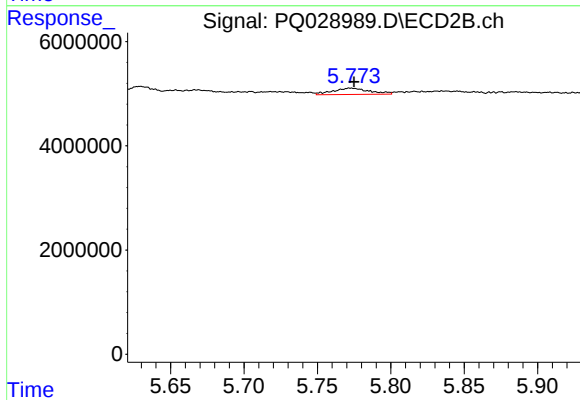
R.T.: 5.629 min
Delta R.T.: -0.001 min
Response: 2669106
Conc: 4.98 ng/ml



#27 AR-1254-2

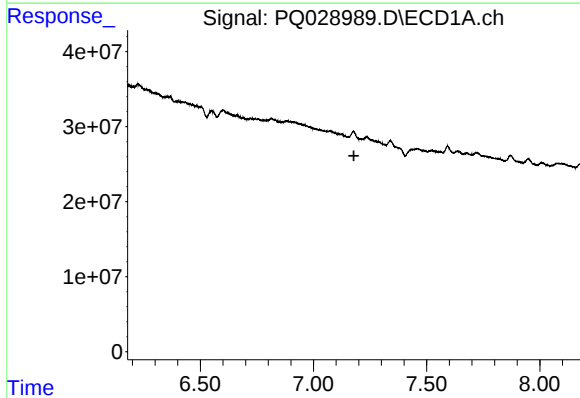
R.T.: 0.000 min
Exp R.T. : 6.817 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



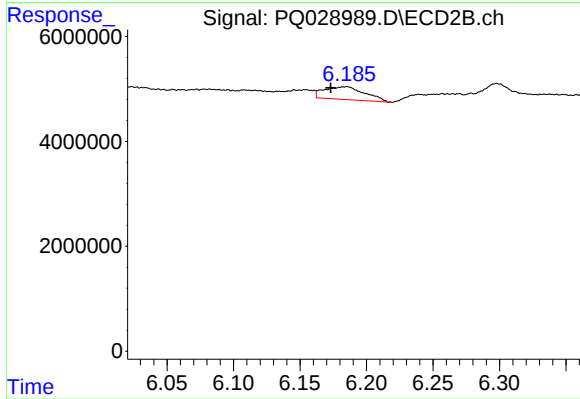
#27 AR-1254-2

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 2108657
Conc: 4.60 ng/ml



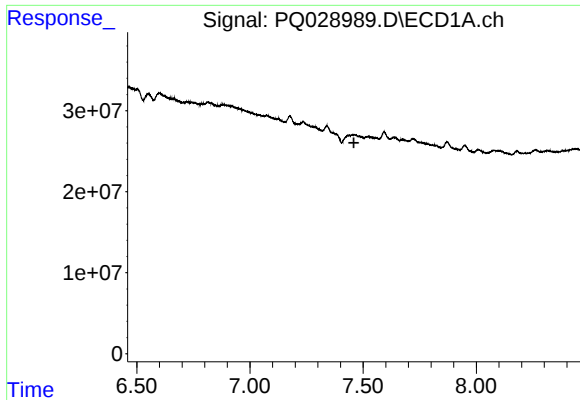
#28 AR-1254-3

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



#28 AR-1254-3

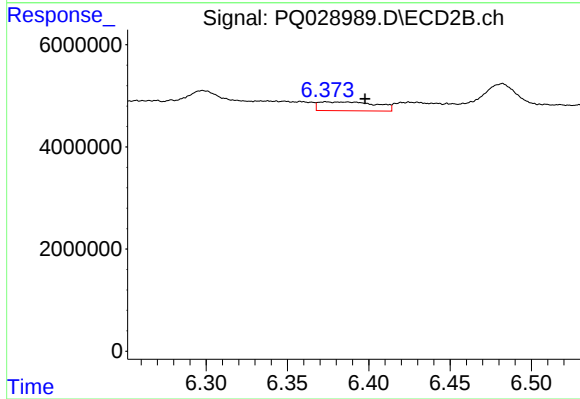
R.T.: 6.185 min
Delta R.T.: 0.012 min
Response: 5170205
Conc: 6.52 ng/ml



#29 AR-1254-4

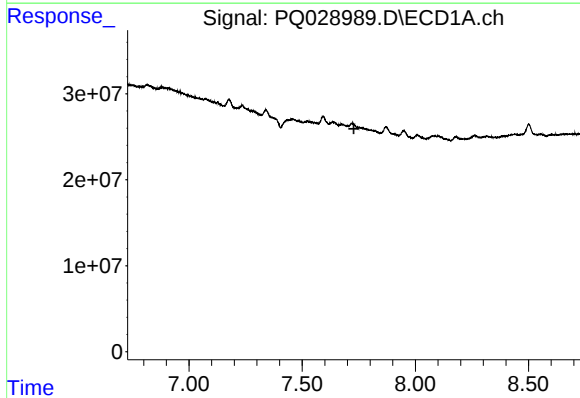
R.T.: 0.000 min
Exp R.T.: 7.459 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



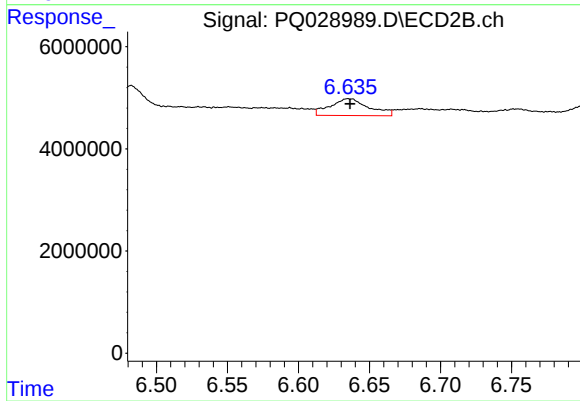
#29 AR-1254-4

R.T.: 6.374 min
Delta R.T.: -0.024 min
Response: 4240721
Conc: 7.79 ng/ml



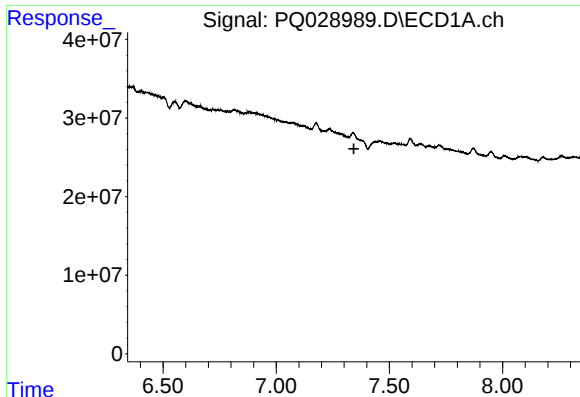
#30 AR-1254-5

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



#30 AR-1254-5

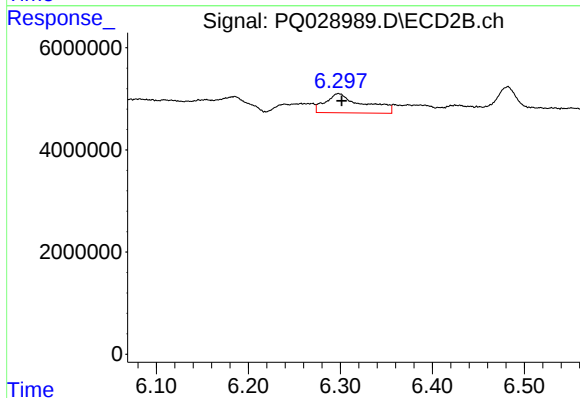
R.T.: 6.635 min
Delta R.T.: -0.001 min
Response: 6277747
Conc: 18.14 ng/ml



#31 AR-1260-1

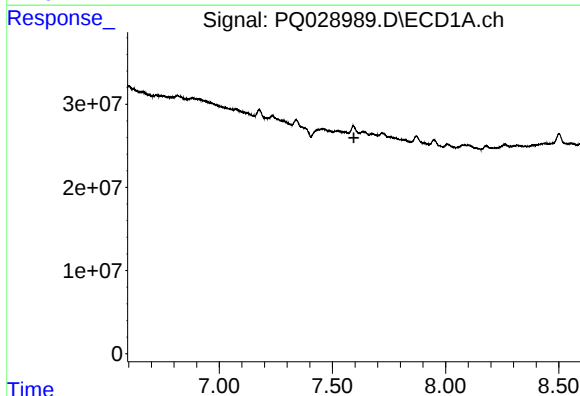
R.T.: 0.000 min
Exp R.T.: 7.343 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



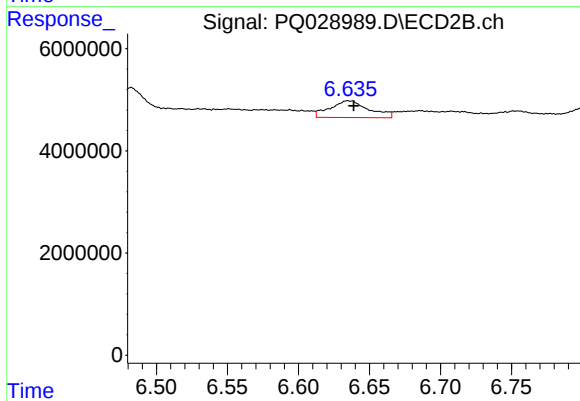
#31 AR-1260-1

R.T.: 6.298 min
Delta R.T.: -0.004 min
Response: 10831009
Conc: 17.56 ng/ml



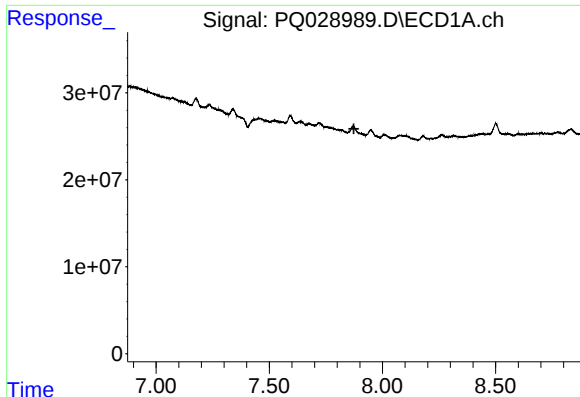
#32 AR-1260-2

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



#32 AR-1260-2

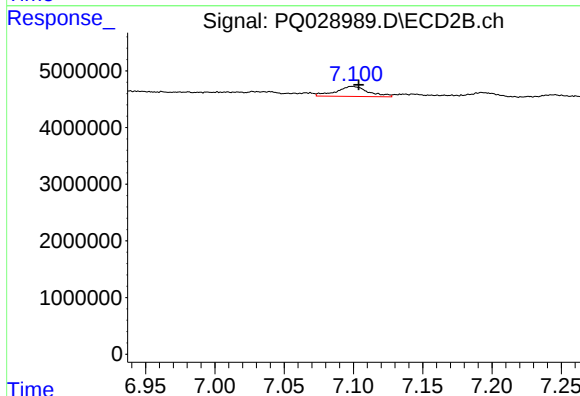
R.T.: 6.635 min
Delta R.T.: -0.004 min
Response: 6277747
Conc: 8.86 ng/ml



#33 AR-1260-3

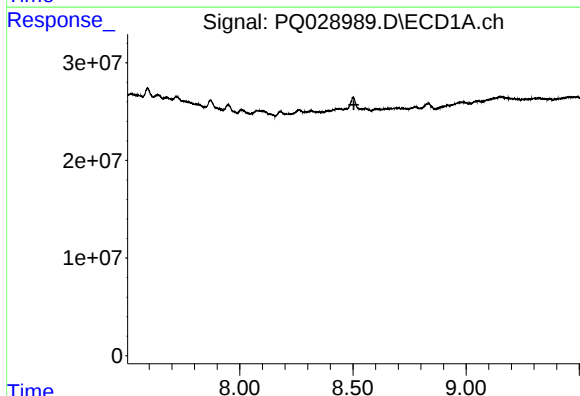
R.T.: 0.000 min
Exp R.T.: 7.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



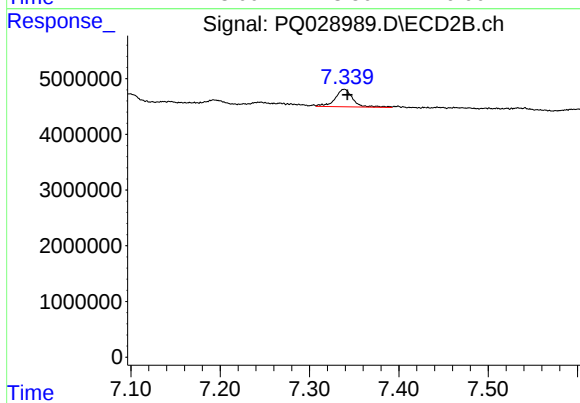
#33 AR-1260-3

R.T.: 7.099 min
Delta R.T.: -0.005 min
Response: 2895924
Conc: 4.89 ng/ml



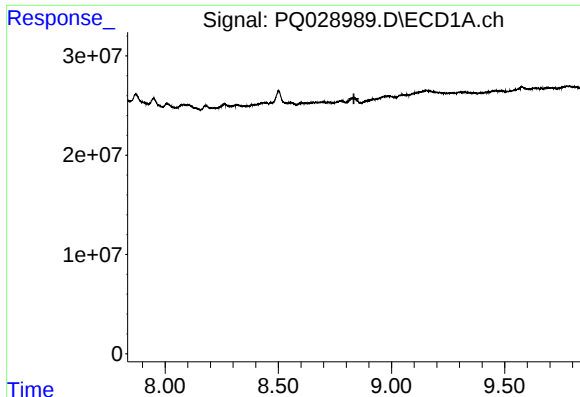
#34 AR-1260-4

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



#34 AR-1260-4

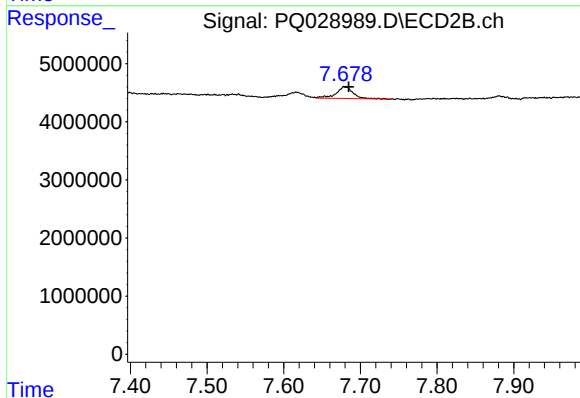
R.T.: 7.339 min
Delta R.T.: -0.004 min
Response: 4303528
Conc: 2.94 ng/ml



#35 AR-1260-5

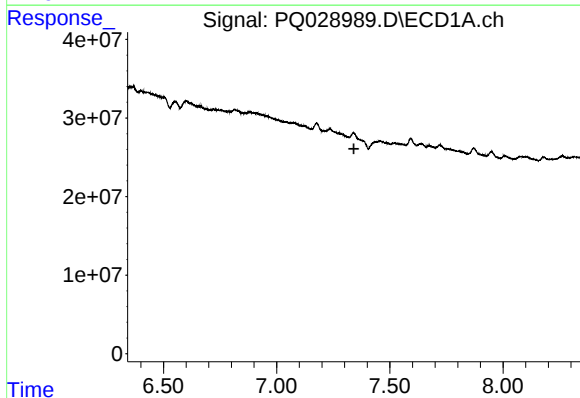
R.T.: 0.000 min
Exp R.T.: 8.834 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



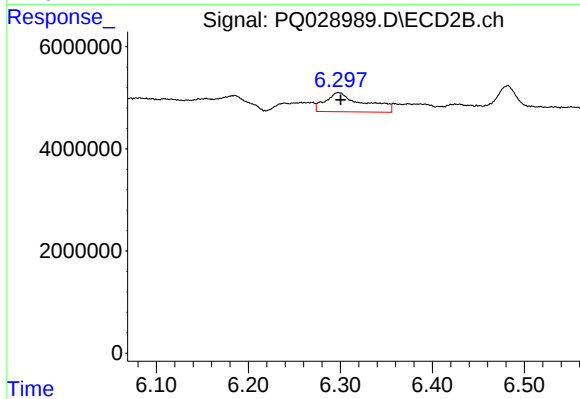
#35 AR-1260-5

R.T.: 7.679 min
Delta R.T.: -0.006 min
Response: 3051002
Conc: 2.90 ng/ml



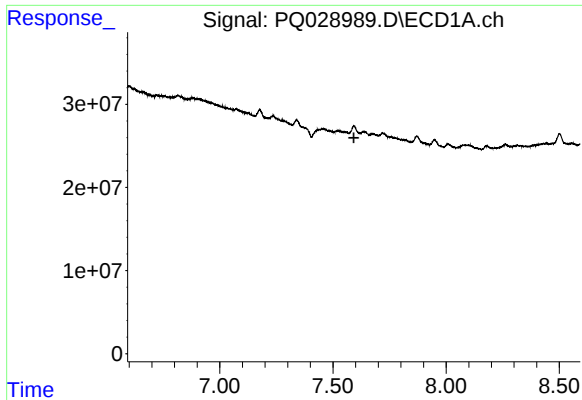
#36 AR-1262-1

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



#36 AR-1262-1

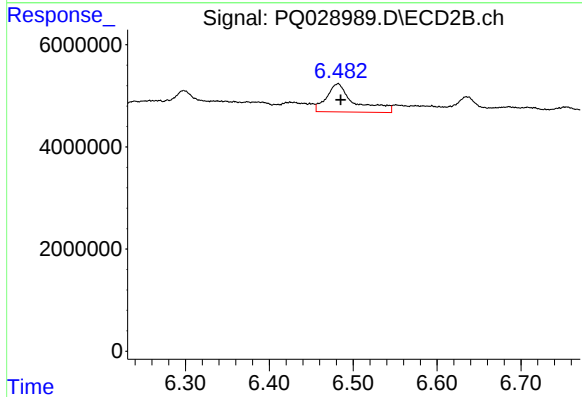
R.T.: 6.298 min
Delta R.T.: -0.002 min
Response: 10831009
Conc: 21.63 ng/ml



#37 AR-1262-2

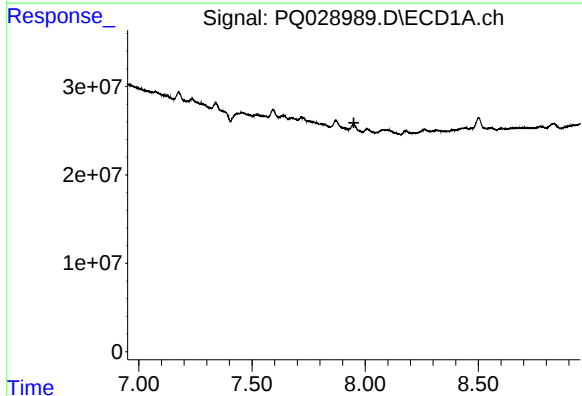
R.T.: 0.000 min
Exp R.T. : 7.592 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



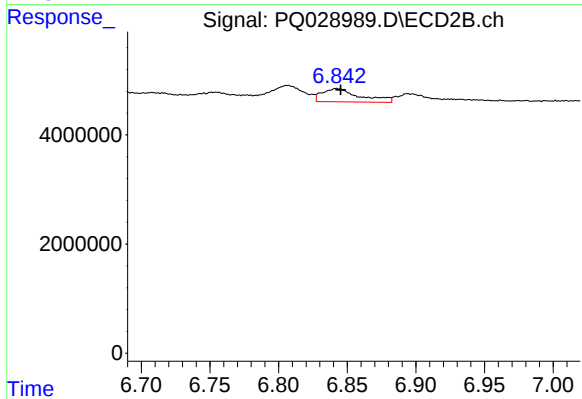
#37 AR-1262-2

R.T.: 6.482 min
Delta R.T.: -0.003 min
Response: 12919141
Conc: 20.25 ng/ml



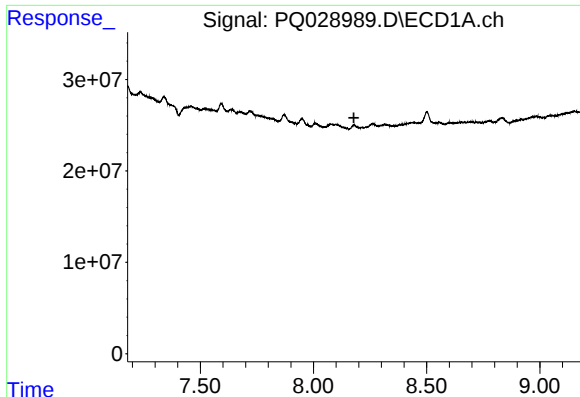
#38 AR-1262-3

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



#38 AR-1262-3

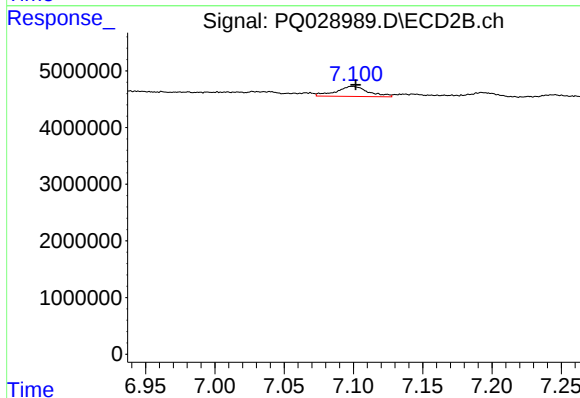
R.T.: 6.842 min
Delta R.T.: -0.003 min
Response: 4613998
Conc: 5.09 ng/ml



#39 AR-1262-4

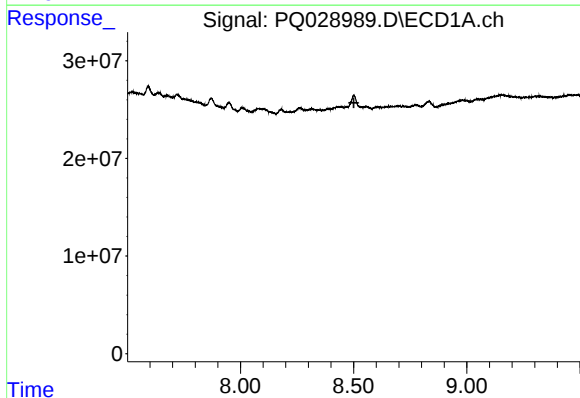
R.T.: 0.000 min
Exp R.T.: 8.179 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



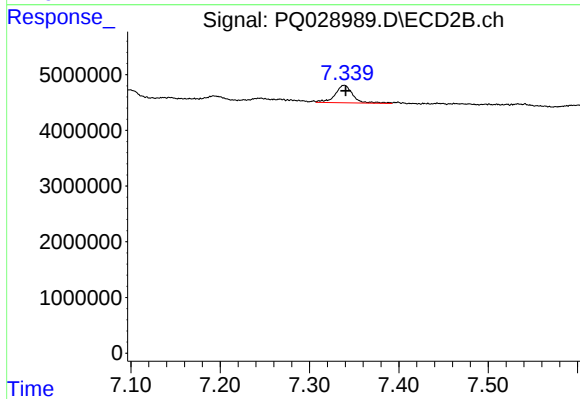
#39 AR-1262-4

R.T.: 7.099 min
Delta R.T.: -0.002 min
Response: 2895924
Conc: 3.64 ng/ml



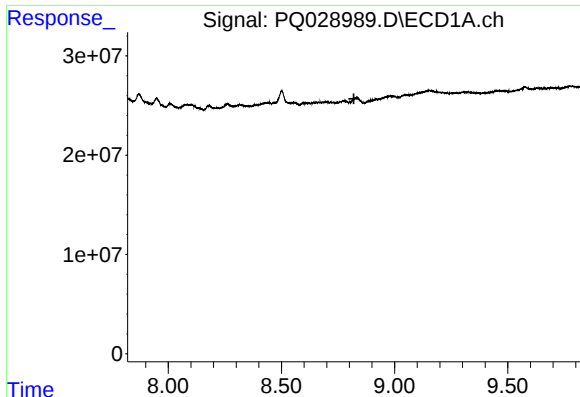
#40 AR-1262-5

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



#40 AR-1262-5

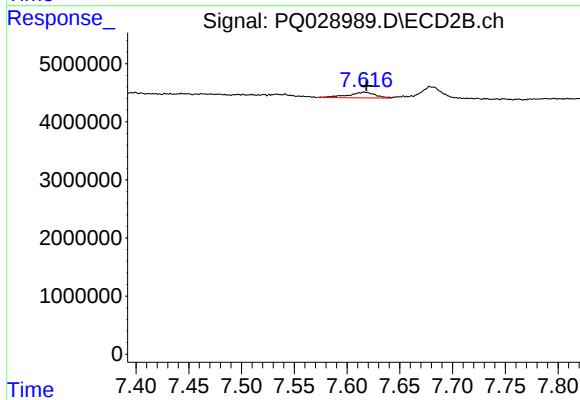
R.T.: 7.339 min
Delta R.T.: -0.002 min
Response: 4303528
Conc: 2.56 ng/ml



#41 AR-1268-1

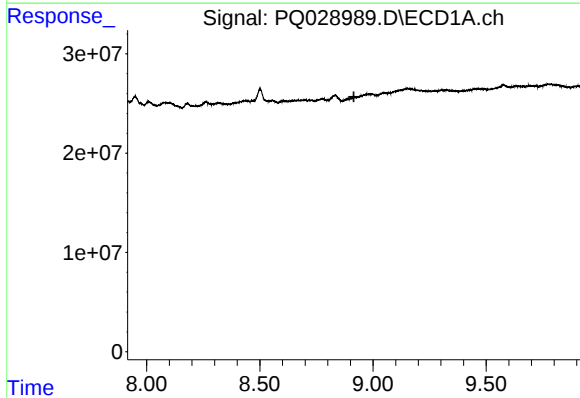
R.T.: 0.000 min
Exp R.T.: 8.820 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



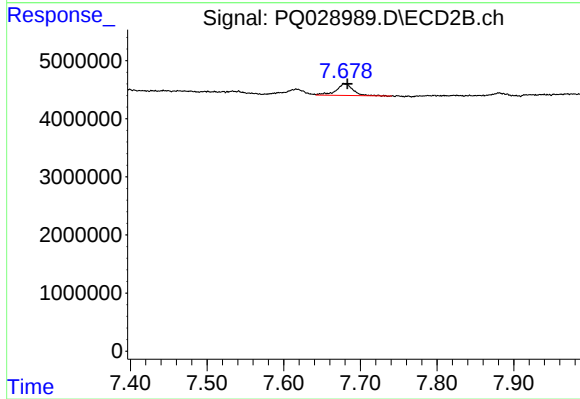
#41 AR-1268-1

R.T.: 7.617 min
Delta R.T.: -0.002 min
Response: 1721834
Conc: 0.95 ng/ml



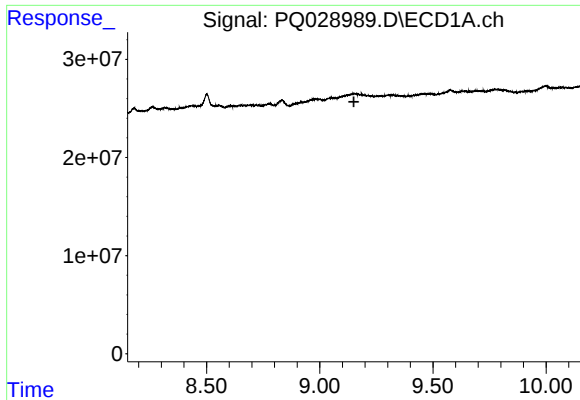
#42 AR-1268-2

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



#42 AR-1268-2

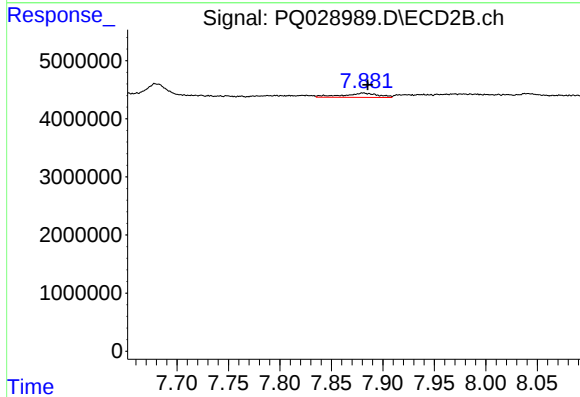
R.T.: 7.679 min
Delta R.T.: -0.004 min
Response: 3051002
Conc: 1.72 ng/ml



#43 AR-1268-3

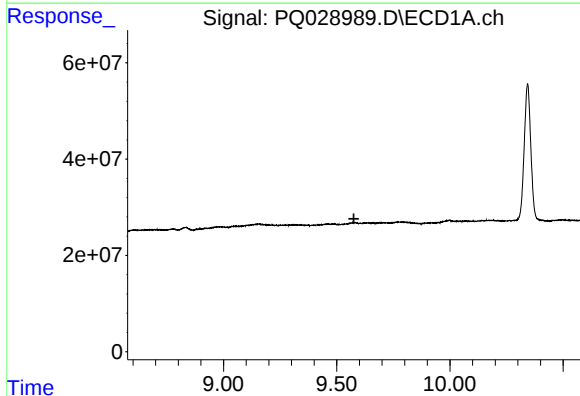
R.T.: 0.000 min
Exp R.T.: 9.151 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



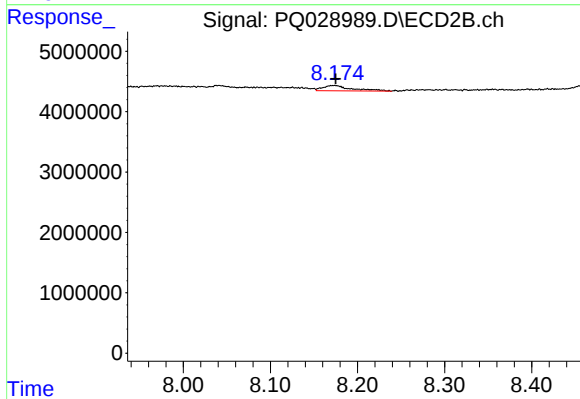
#43 AR-1268-3

R.T.: 7.881 min
Delta R.T.: -0.004 min
Response: 1731778
Conc: 1.26 ng/ml



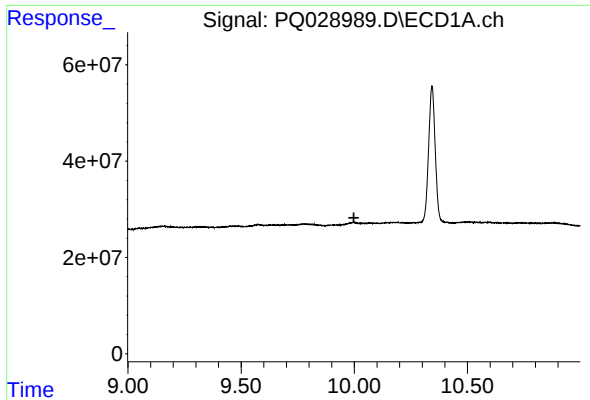
#44 AR-1268-4

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



#44 AR-1268-4

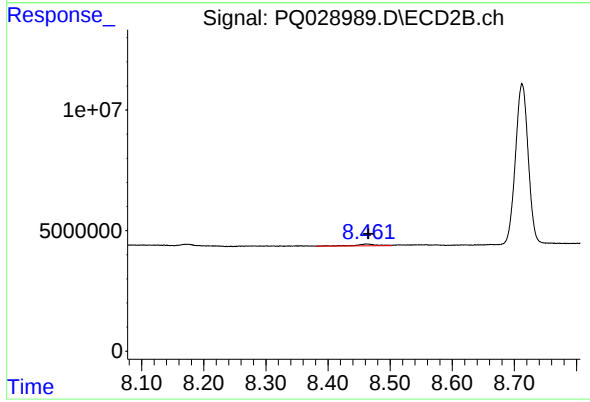
R.T.: 8.174 min
Delta R.T.: -0.001 min
Response: 2059655
Conc: 3.27 ng/ml



#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.: 8.463 min
Delta R.T.: -0.002 min
Response: 1792624
Conc: 0.41 ng/ml