

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
 Data File : PQ043491.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2019 22:28
 Operator : SM\AJ
 Sample : K3591-02
 Misc : AR1221 LOQ 50 PPB
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 02:50:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 12 02:33:14 2019
 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...	5.694	4.783	30717692	11179513	19.279	18.456
2)	SA Decachlor...	12.082	10.555	134.4E6	67379169	21.308	21.512
Target Compounds							
3)	L1 AR-1016-1	0.000	6.241	0	101368	N.D.	3.436 #
4)	L1 AR-1016-2	0.000	6.259	0	129334	N.D.	3.302 #
6)	L1 AR-1016-4	0.000	6.554	0	230820	N.D.	13.249 #
7)	L1 AR-1016-5	0.000	6.831	0	747864	N.D.	33.415 #
8)	L2 AR-1221-1	0.000	5.094	0	344737	N.D.	59.146 #
9)	L2 AR-1221-2	0.000	5.206	0	476326	N.D.	99.063 #
10)	L2 AR-1221-3	6.177	5.313	2961988	1135313	72.675	69.171
11)	L3 AR-1232-1	6.177	5.313	2961988	1135313	65.571	61.442
12)	L3 AR-1232-2	0.000	6.259	0	129334	N.D.	6.483 #
14)	L3 AR-1232-4	0.000	6.576	0	215033	N.D.	21.063 #
15)	L3 AR-1232-5	0.000	6.831	0	747864	N.D.	68.319 #
16)	L4 AR-1242-1	0.000	6.241	0	101368	N.D.	5.867 #
17)	L4 AR-1242-2	0.000	6.259	0	129334	N.D.	5.569 #
19)	L4 AR-1242-4	0.000	6.576	0	215033	N.D.	16.924 #
20)	L4 AR-1242-5	0.000	7.149	0	795967	N.D.	39.756 #
21)	L5 AR-1248-1	0.000	6.241	0	101368	N.D.	8.049 #
22)	L5 AR-1248-2	0.000	6.554	0	230820	N.D.	13.033 #
23)	L5 AR-1248-3	0.000	6.576	0	215033	N.D.	11.486 #
24)	L5 AR-1248-4	0.000	6.831	0	747864	N.D.	32.410 #
25)	L5 AR-1248-5	0.000	7.241	0	1017993	N.D.	35.918 #
26)	L6 AR-1254-1	0.000	7.149	0	795967	N.D.	17.596 #
27)	L6 AR-1254-2	0.000	7.332	0	1313023	N.D.	29.793 #
28)	L6 AR-1254-3	0.000	7.800	0	1247804	N.D.	16.728 #
29)	L6 AR-1254-4	0.000	8.063	0	747870	N.D.	13.514 #
30)	L6 AR-1254-5	0.000	8.460	0	533867	N.D.	6.551 #
31)	L7 AR-1260-1	0.000	7.942	0	1641617	N.D.	28.279 #
32)	L7 AR-1260-2	0.000	8.139	0	1205320	N.D.	15.765 #
33)	L7 AR-1260-3	0.000	8.373	0	1962573	N.D.	27.992 #
36)	L8 AR-1262-1	0.000	8.563	0	1463821	N.D.	14.805 #
38)	L8 AR-1262-3	0.000	9.424	0	956766	N.D.	8.316 #
39)	L8 AR-1262-4	0.000	9.424	0	956766	N.D.	4.247 #
40)	L8 AR-1262-5	0.000	9.993	0	1404631	N.D.	9.092 #
41)	L9 AR-1268-1	0.000	9.424	0	956766	N.D.	2.926 #
42)	L9 AR-1268-2	0.000	9.424	0	956766	N.D.	2.991 #
43)	L9 AR-1268-3	0.000	9.643	0	1131030	N.D.	3.991 #
44)	L9 AR-1268-4	0.000	9.993	0	1404631	N.D.	8.643 #
45)	L9 AR-1268-5	0.000	10.271	0	1068620	N.D.	0.851 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
Data File : PQ043491.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2019 22:28
Operator : SM\AJ
Sample : K3591-02
Misc : AR1221 LOQ 50 PPB
ALS Vial : 23 Sample Multiplier: 1

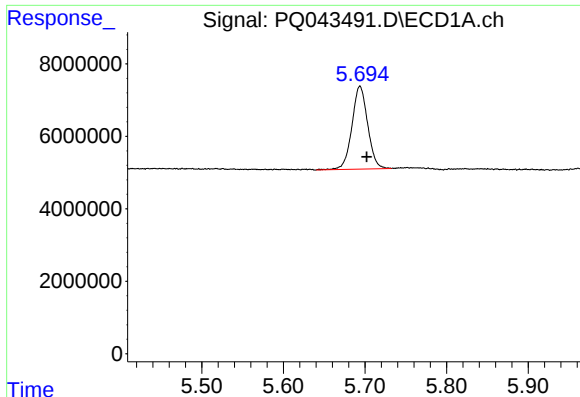
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 02:50:29 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091119.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Sep 12 02:33:14 2019
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

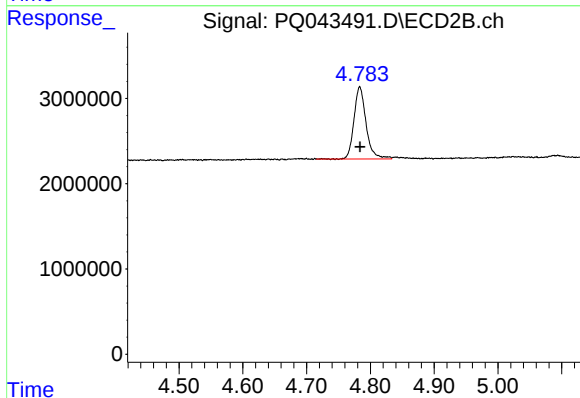
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.						



#1 Tetrachloro-m-xylene

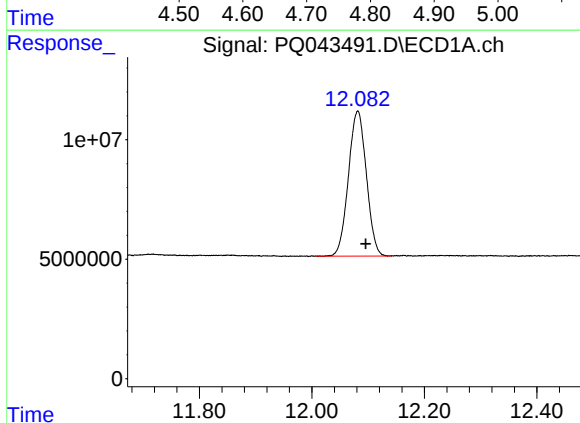
R.T.: 5.694 min
Delta R.T.: -0.008 min
Response: 30717692
Conc: 19.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



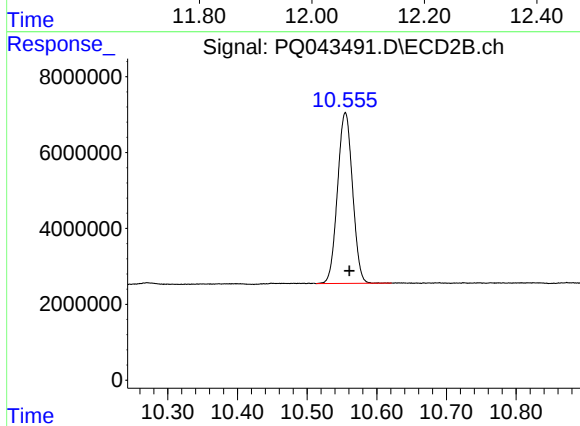
#1 Tetrachloro-m-xylene

R.T.: 4.783 min
Delta R.T.: 0.000 min
Response: 11179513
Conc: 18.46 ng/ml



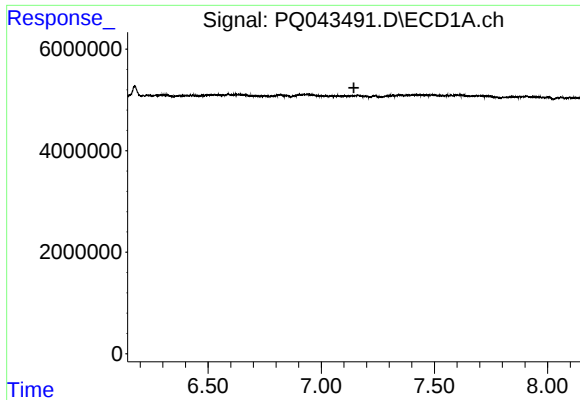
#2 Decachlorobiphenyl

R.T.: 12.082 min
Delta R.T.: -0.014 min
Response: 134388584
Conc: 21.31 ng/ml



#2 Decachlorobiphenyl

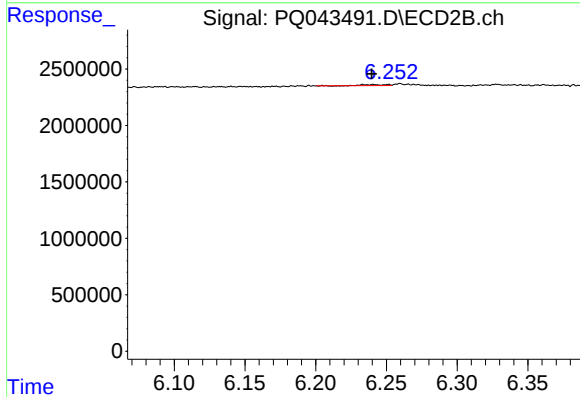
R.T.: 10.555 min
Delta R.T.: -0.006 min
Response: 67379169
Conc: 21.51 ng/ml



#3 AR-1016-1

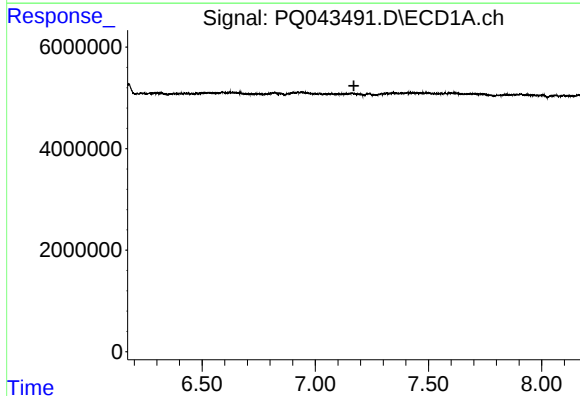
R.T.: 0.000 min
Exp R.T.: 7.144 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



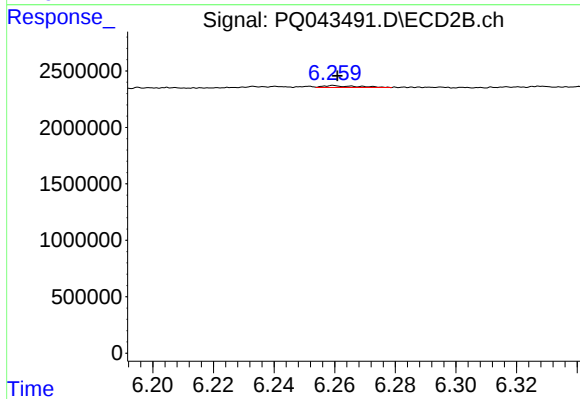
#3 AR-1016-1

R.T.: 6.241 min
Delta R.T.: 0.001 min
Response: 101368
Conc: 3.44 ng/ml



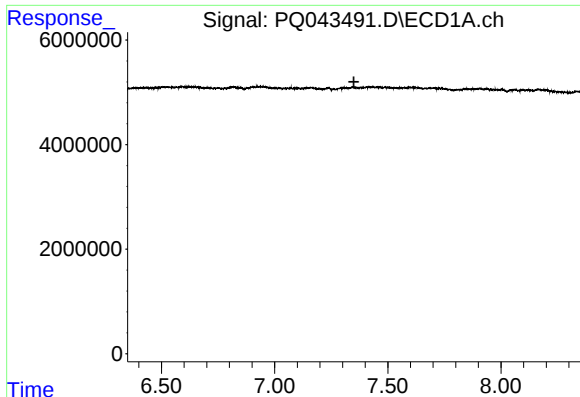
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 7.170 min
Response: 0
Conc: N.D.



#4 AR-1016-2

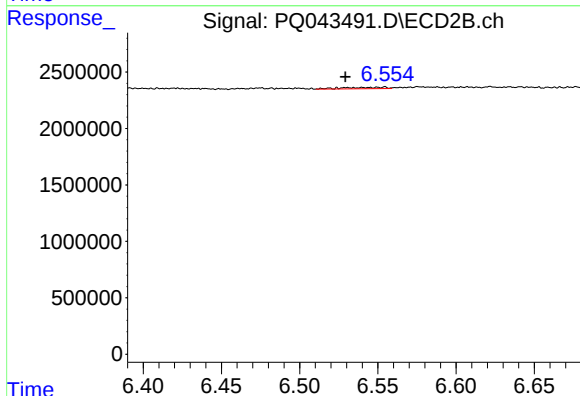
R.T.: 6.259 min
Delta R.T.: -0.001 min
Response: 129334
Conc: 3.30 ng/ml



#6 AR-1016-4

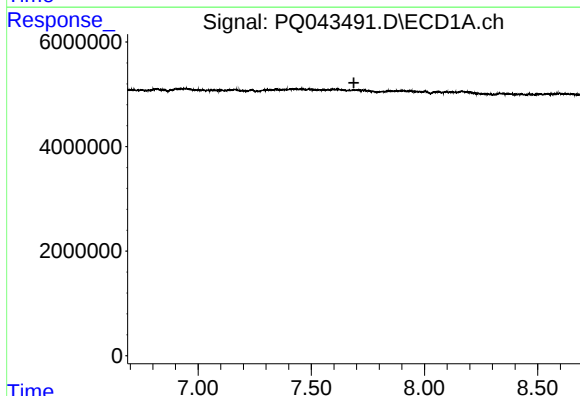
R.T.: 0.000 min
Exp R.T.: 7.350 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



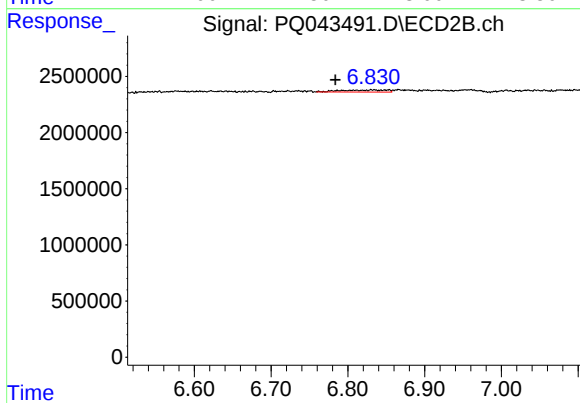
#6 AR-1016-4

R.T.: 6.554 min
Delta R.T.: 0.025 min
Response: 230820
Conc: 13.25 ng/ml



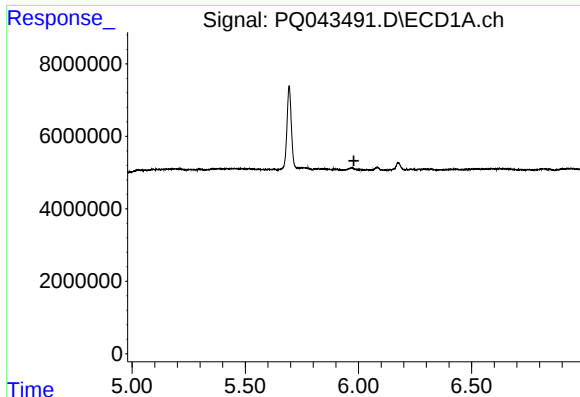
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T.: 7.688 min
Response: 0
Conc: N.D.



#7 AR-1016-5

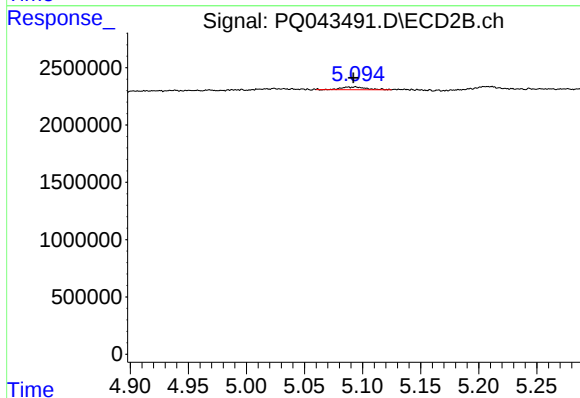
R.T.: 6.831 min
Delta R.T.: 0.047 min
Response: 747864
Conc: 33.41 ng/ml



#8 AR-1221-1

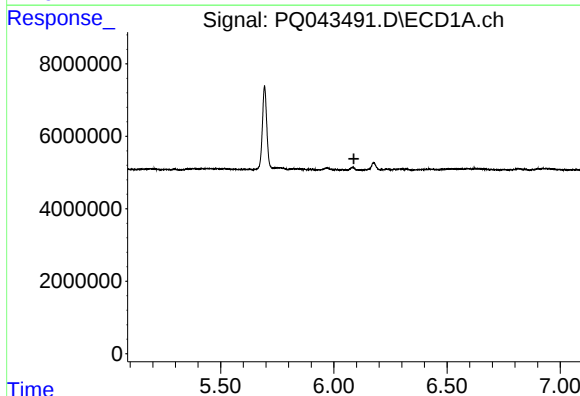
R.T.: 0.000 min
Exp R.T.: 5.980 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



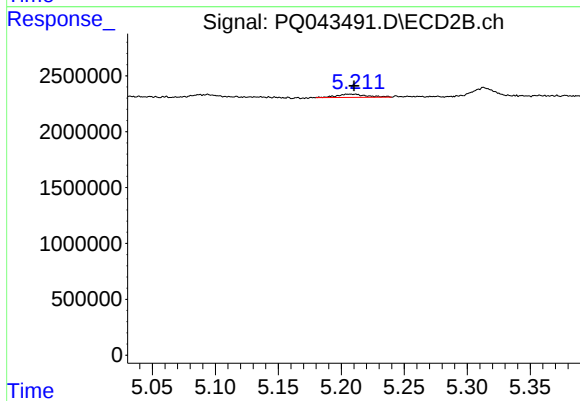
#8 AR-1221-1

R.T.: 5.094 min
Delta R.T.: 0.002 min
Response: 344737
Conc: 59.15 ng/ml



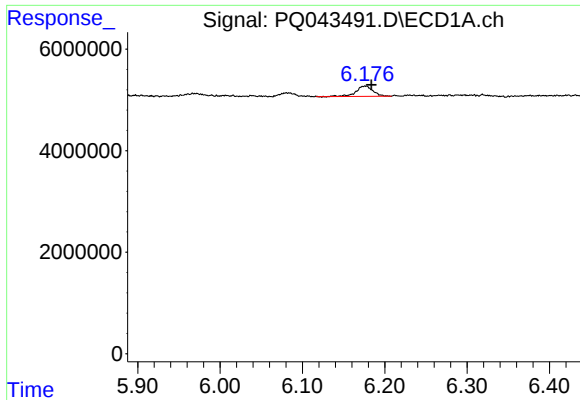
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T.: 6.088 min
Response: 0
Conc: N.D.



#9 AR-1221-2

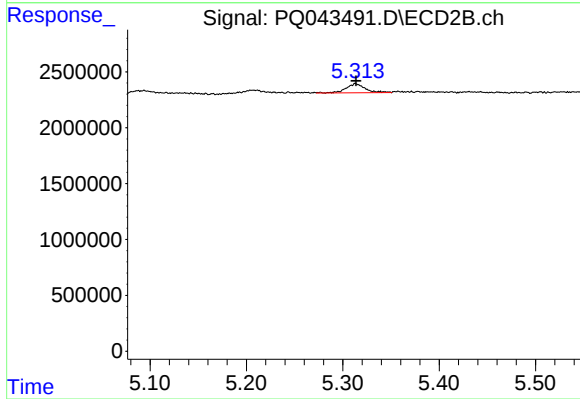
R.T.: 5.206 min
Delta R.T.: -0.004 min
Response: 476326
Conc: 99.06 ng/ml



#10 AR-1221-3

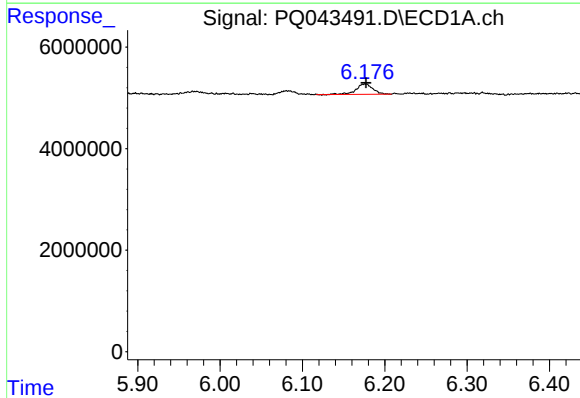
R.T.: 6.177 min
Delta R.T.: -0.007 min
Response: 2961988
Conc: 72.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



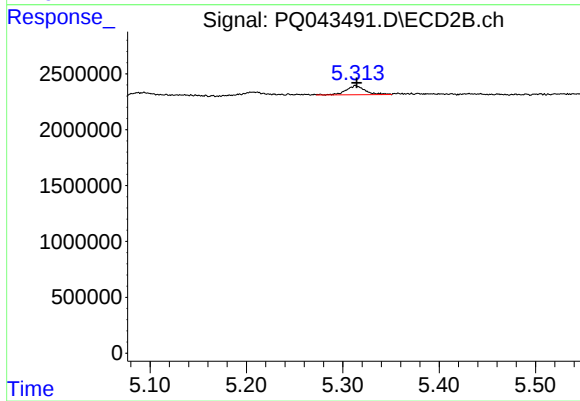
#10 AR-1221-3

R.T.: 5.313 min
Delta R.T.: 0.000 min
Response: 1135313
Conc: 69.17 ng/ml



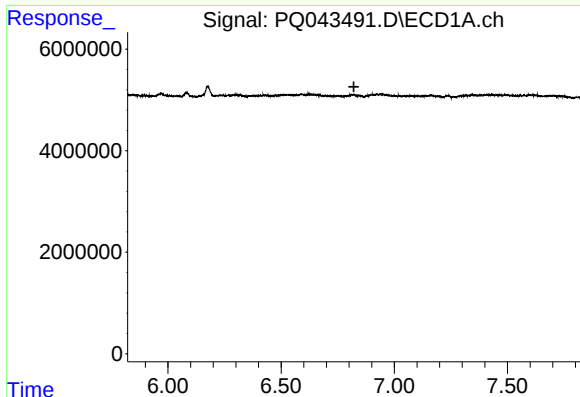
#11 AR-1232-1

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 2961988
Conc: 65.57 ng/ml



#11 AR-1232-1

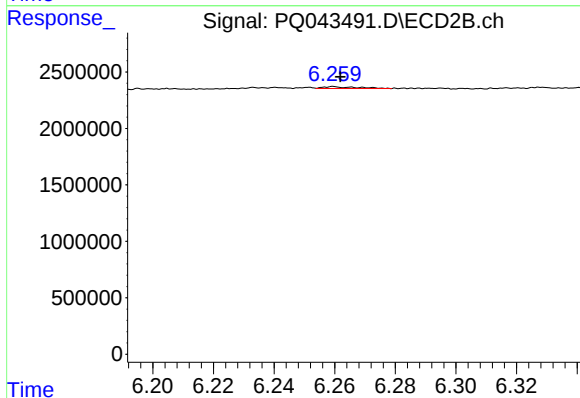
R.T.: 5.313 min
Delta R.T.: -0.001 min
Response: 1135313
Conc: 61.44 ng/ml



#12 AR-1232-2

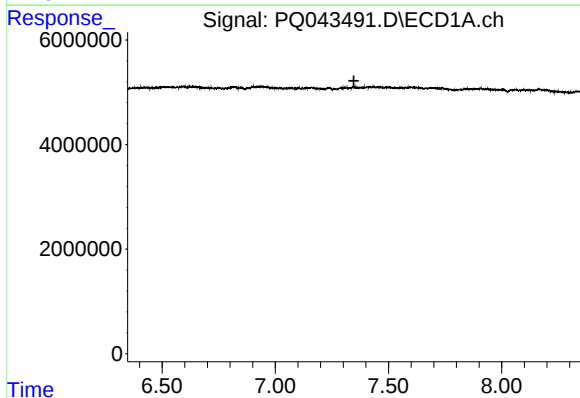
R.T.: 0.000 min
Exp R.T.: 6.822 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



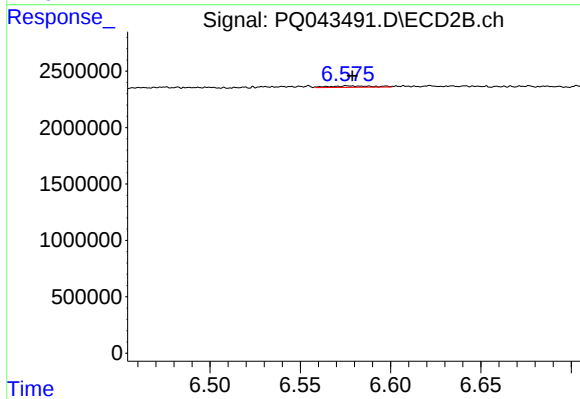
#12 AR-1232-2

R.T.: 6.259 min
Delta R.T.: -0.002 min
Response: 129334
Conc: 6.48 ng/ml



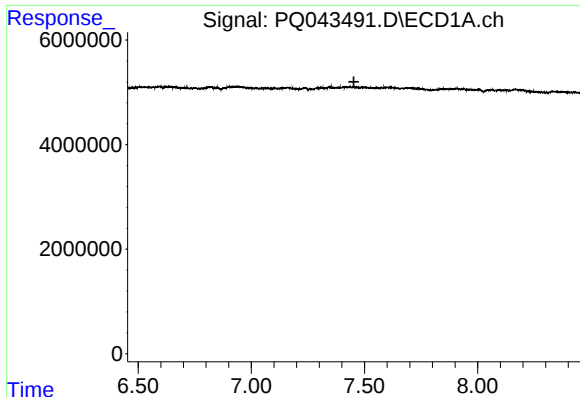
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 7.347 min
Response: 0
Conc: N.D.



#14 AR-1232-4

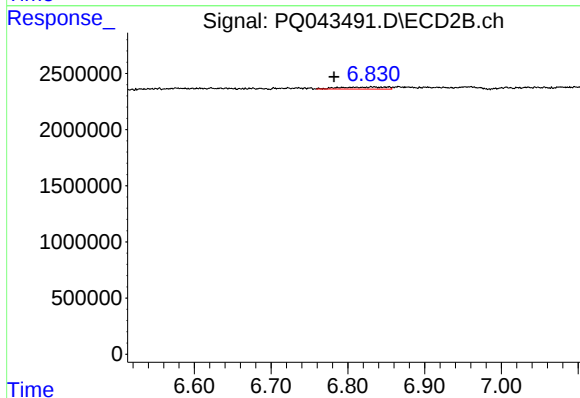
R.T.: 6.576 min
Delta R.T.: -0.003 min
Response: 215033
Conc: 21.06 ng/ml



#15 AR-1232-5

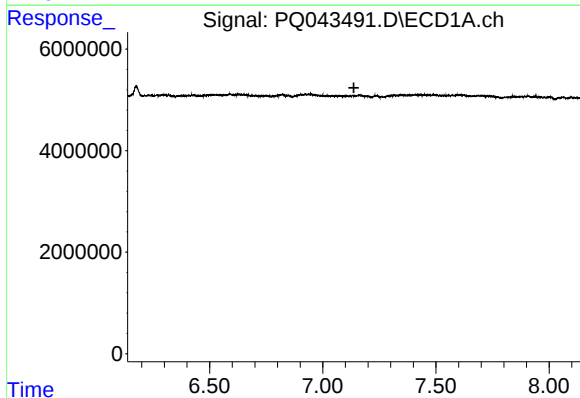
R.T.: 0.000 min
Exp R.T.: 7.453 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



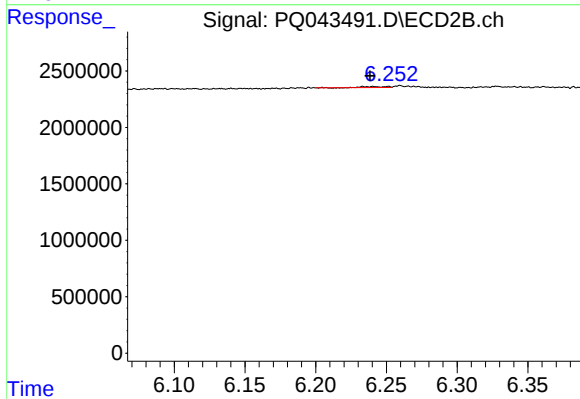
#15 AR-1232-5

R.T.: 6.831 min
Delta R.T.: 0.049 min
Response: 747864
Conc: 68.32 ng/ml



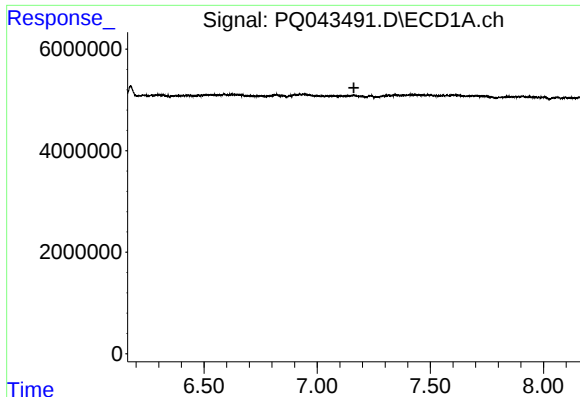
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 7.137 min
Response: 0
Conc: N.D.



#16 AR-1242-1

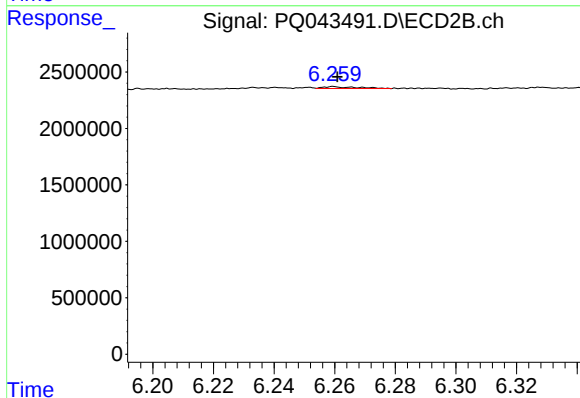
R.T.: 6.241 min
Delta R.T.: 0.002 min
Response: 101368
Conc: 5.87 ng/ml



#17 AR-1242-2

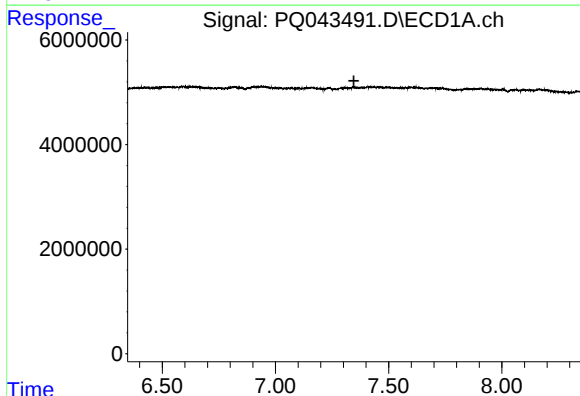
R.T.: 0.000 min
Exp R.T. : 7.162 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



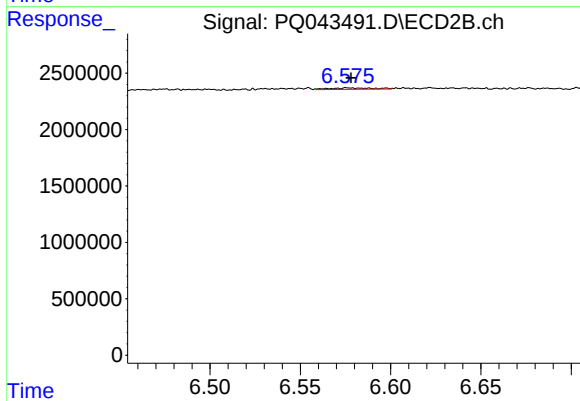
#17 AR-1242-2

R.T.: 6.259 min
Delta R.T.: -0.001 min
Response: 129334
Conc: 5.57 ng/ml



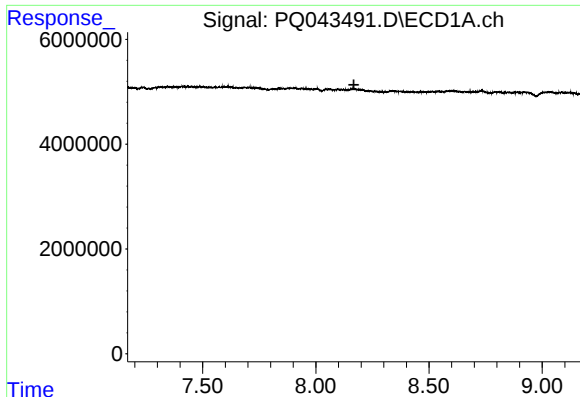
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 7.346 min
Response: 0
Conc: N.D.



#19 AR-1242-4

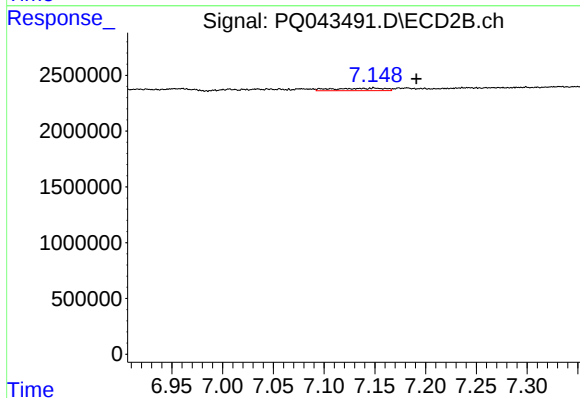
R.T.: 6.576 min
Delta R.T.: -0.002 min
Response: 215033
Conc: 16.92 ng/ml



#20 AR-1242-5

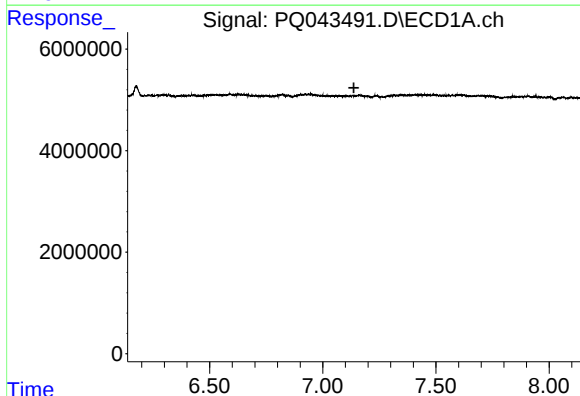
R.T.: 0.000 min
Exp R.T.: 8.168 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



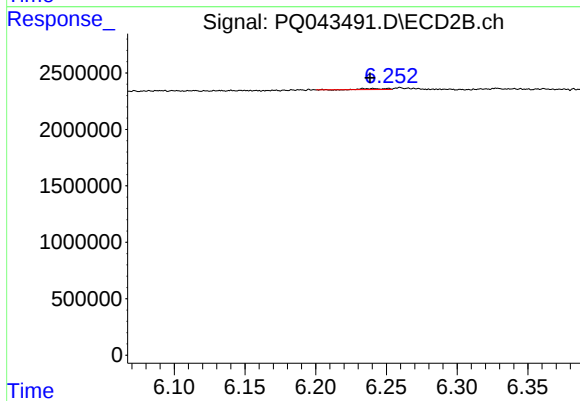
#20 AR-1242-5

R.T.: 7.149 min
Delta R.T.: -0.042 min
Response: 795967
Conc: 39.76 ng/ml



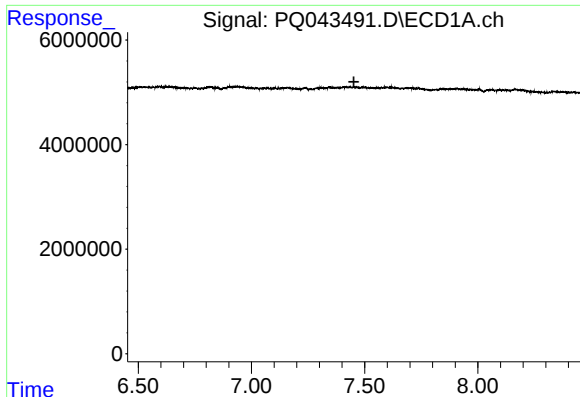
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T.: 7.137 min
Response: 0
Conc: N.D.



#21 AR-1248-1

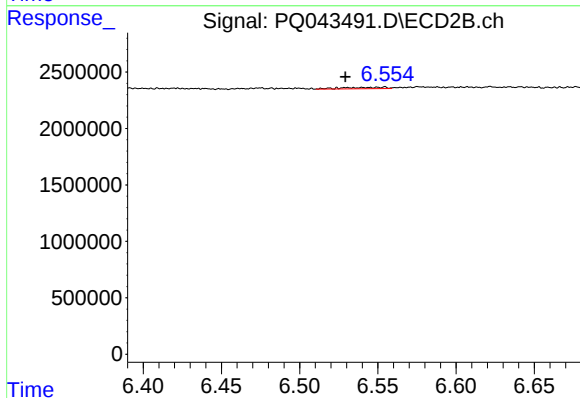
R.T.: 6.241 min
Delta R.T.: 0.002 min
Response: 101368
Conc: 8.05 ng/ml



#22 AR-1248-2

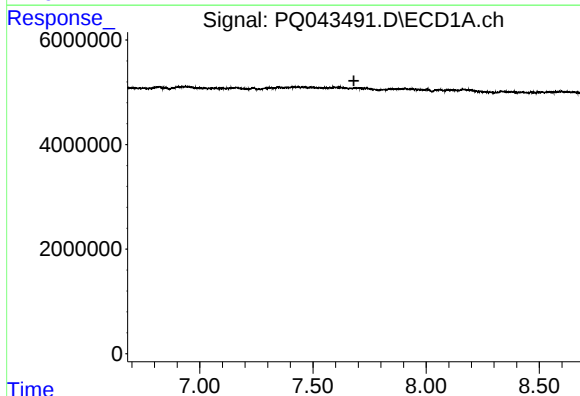
R.T.: 0.000 min
Exp R.T.: 7.453 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



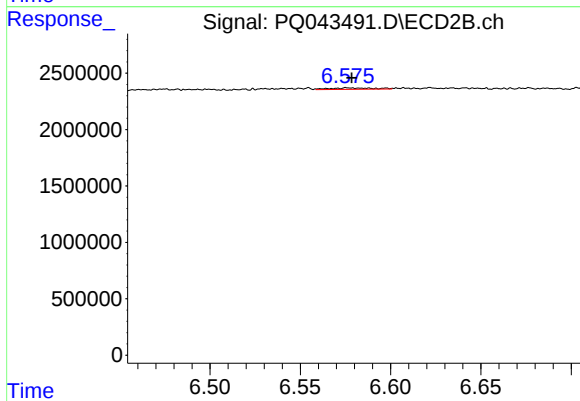
#22 AR-1248-2

R.T.: 6.554 min
Delta R.T.: 0.025 min
Response: 230820
Conc: 13.03 ng/ml



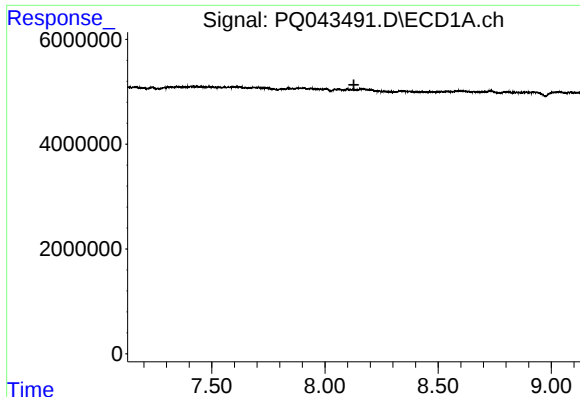
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 7.681 min
Response: 0
Conc: N.D.



#23 AR-1248-3

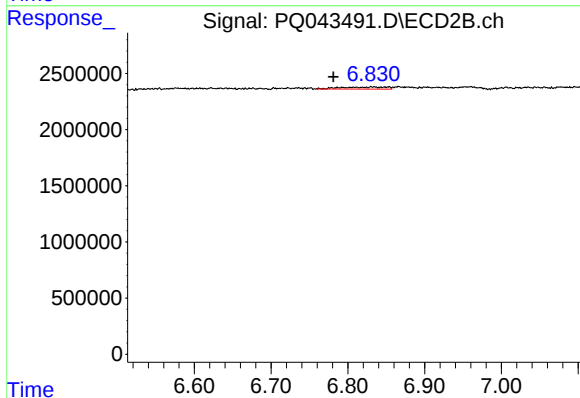
R.T.: 6.576 min
Delta R.T.: -0.002 min
Response: 215033
Conc: 11.49 ng/ml



#24 AR-1248-4

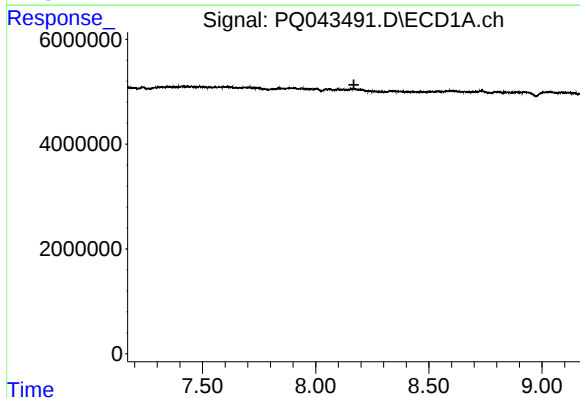
R.T.: 0.000 min
Exp R.T.: 8.128 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



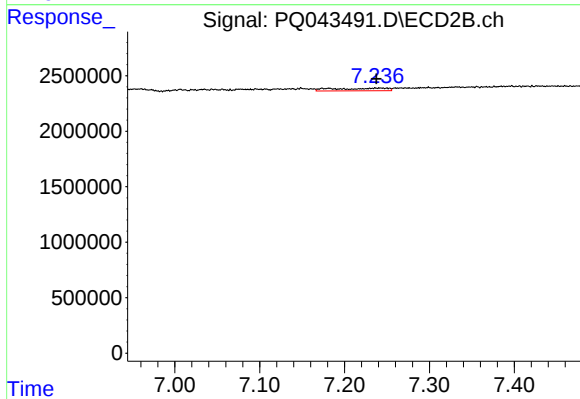
#24 AR-1248-4

R.T.: 6.831 min
Delta R.T.: 0.049 min
Response: 747864
Conc: 32.41 ng/ml



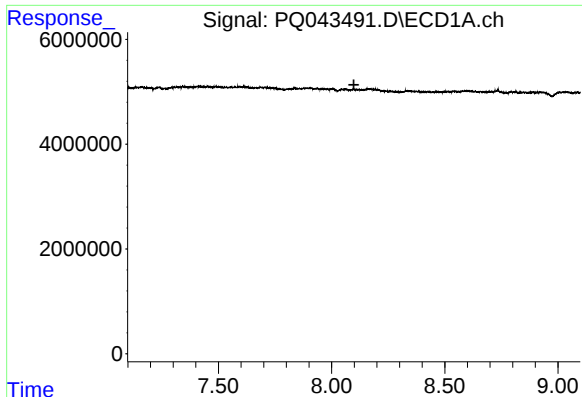
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T.: 8.169 min
Response: 0
Conc: N.D.



#25 AR-1248-5

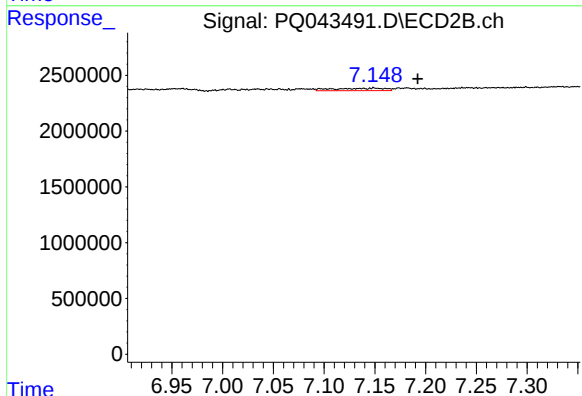
R.T.: 7.241 min
Delta R.T.: 0.003 min
Response: 1017993
Conc: 35.92 ng/ml



#26 AR-1254-1

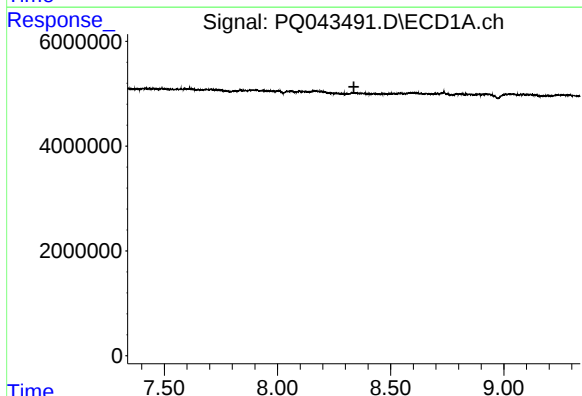
R.T.: 0.000 min
Exp R.T.: 8.098 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



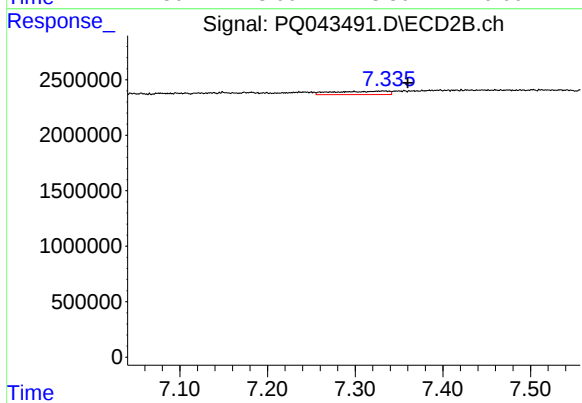
#26 AR-1254-1

R.T.: 7.149 min
Delta R.T.: -0.043 min
Response: 795967
Conc: 17.60 ng/ml



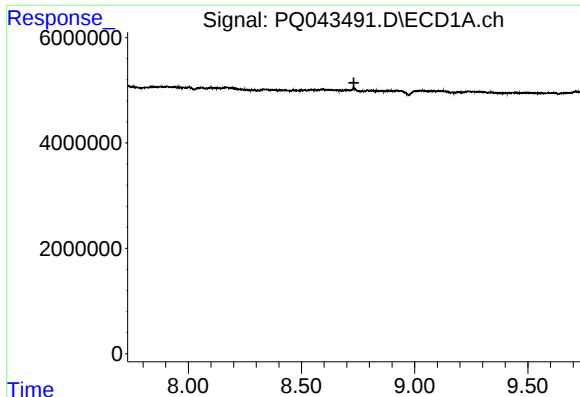
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T.: 8.338 min
Response: 0
Conc: N.D.



#27 AR-1254-2

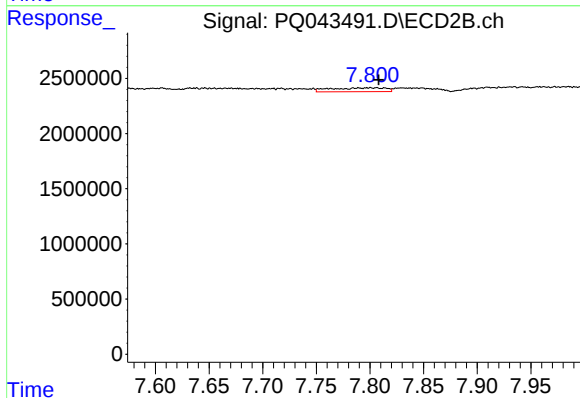
R.T.: 7.332 min
Delta R.T.: -0.028 min
Response: 1313023
Conc: 29.79 ng/ml



#28 AR-1254-3

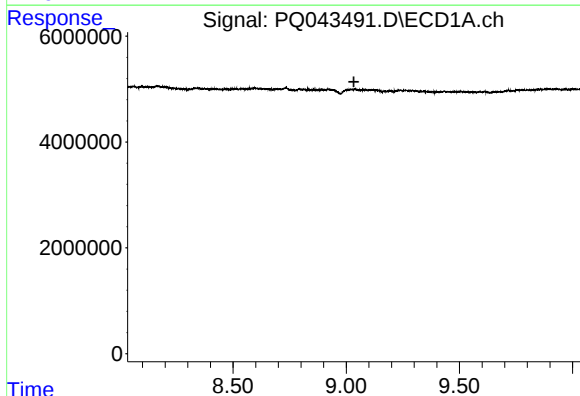
R.T.: 0.000 min
Exp R.T.: 8.732 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



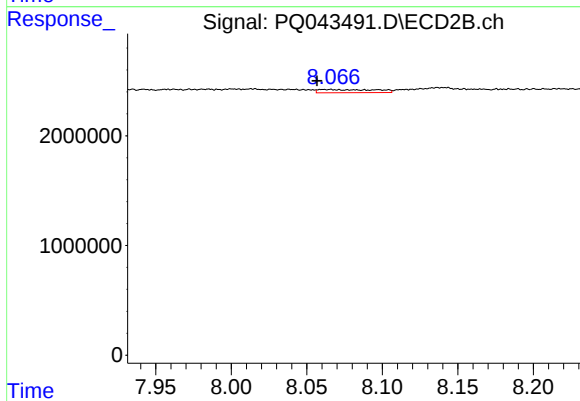
#28 AR-1254-3

R.T.: 7.800 min
Delta R.T.: -0.008 min
Response: 1247804
Conc: 16.73 ng/ml



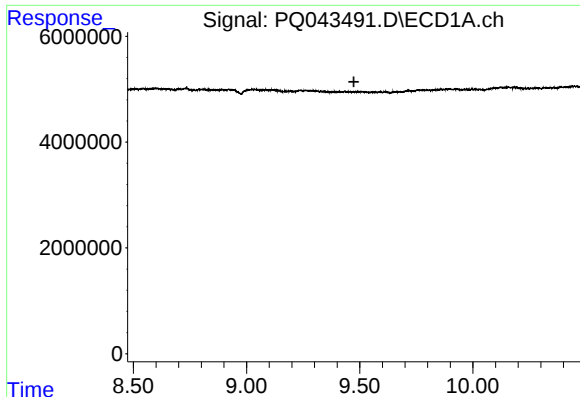
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T.: 9.034 min
Response: 0
Conc: N.D.



#29 AR-1254-4

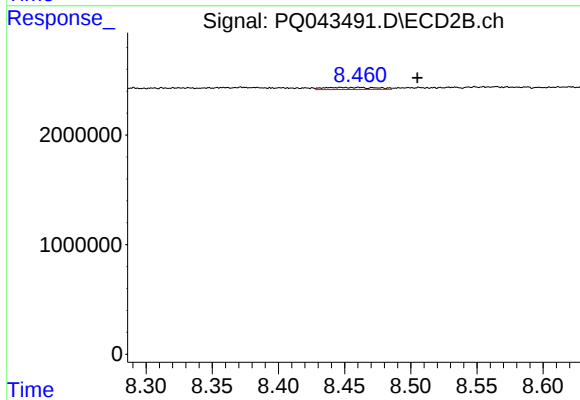
R.T.: 8.063 min
Delta R.T.: 0.006 min
Response: 747870
Conc: 13.51 ng/ml



#30 AR-1254-5

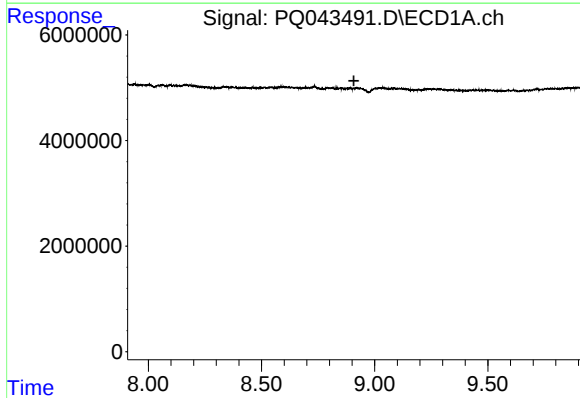
R.T.: 0.000 min
Exp R.T.: 9.474 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



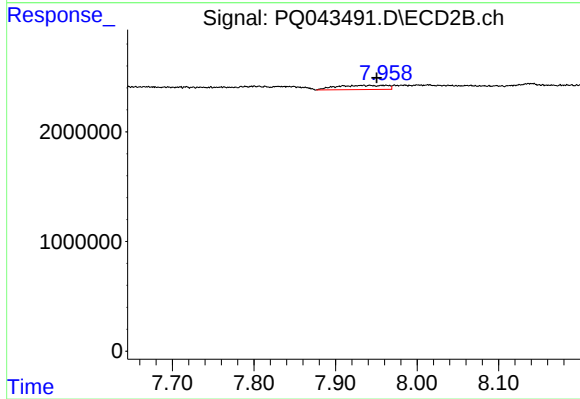
#30 AR-1254-5

R.T.: 8.460 min
Delta R.T.: -0.045 min
Response: 533867
Conc: 6.55 ng/ml



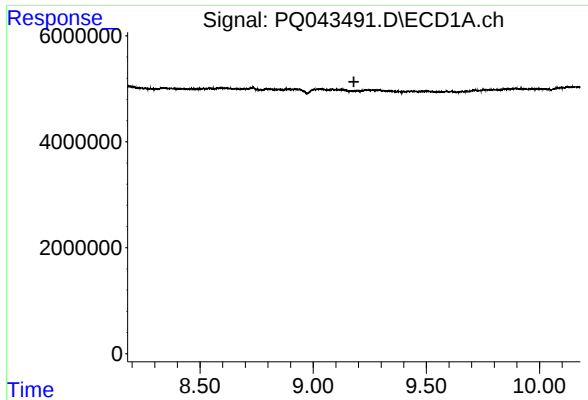
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T.: 8.908 min
Response: 0
Conc: N.D.



#31 AR-1260-1

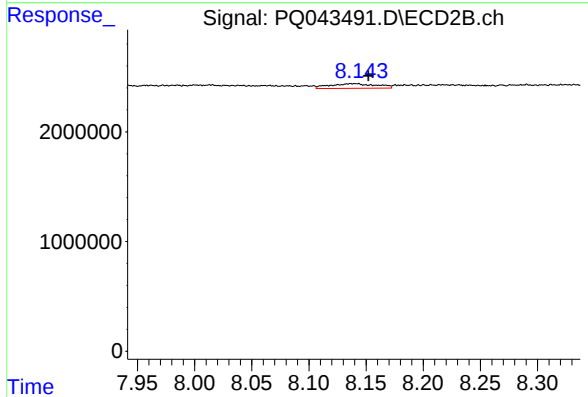
R.T.: 7.942 min
Delta R.T.: -0.008 min
Response: 1641617
Conc: 28.28 ng/ml



#32 AR-1260-2

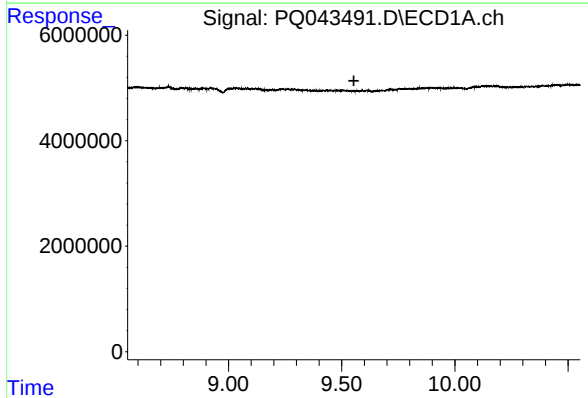
R.T.: 0.000 min
Exp R.T.: 9.180 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



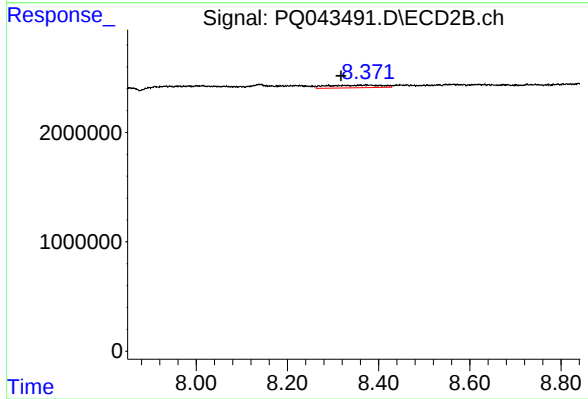
#32 AR-1260-2

R.T.: 8.139 min
Delta R.T.: -0.013 min
Response: 1205320
Conc: 15.77 ng/ml



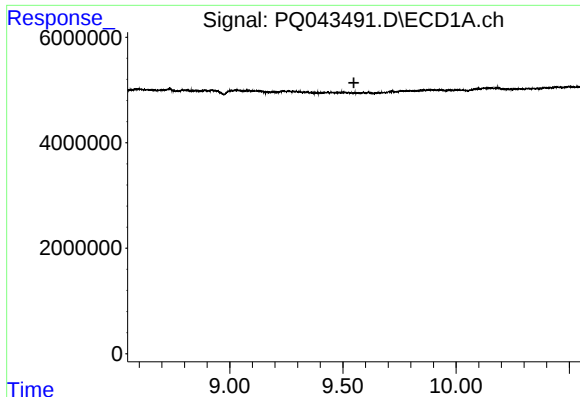
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T.: 9.554 min
Response: 0
Conc: N.D.



#33 AR-1260-3

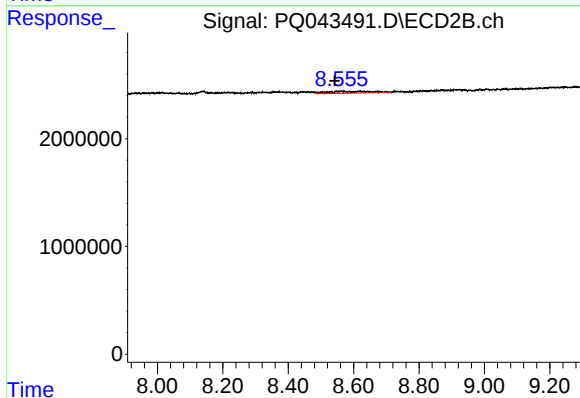
R.T.: 8.373 min
Delta R.T.: 0.055 min
Response: 1962573
Conc: 27.99 ng/ml



#36 AR-1262-1

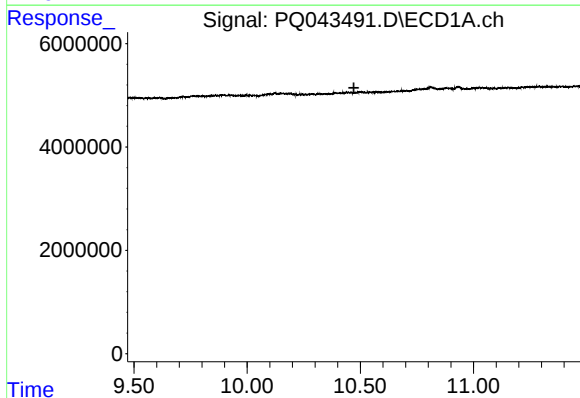
R.T.: 0.000 min
Exp R.T.: 9.549 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



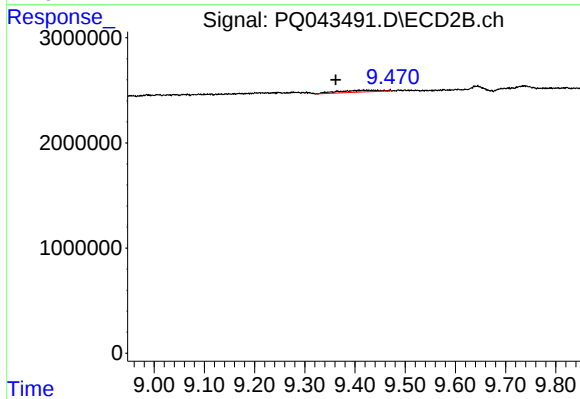
#36 AR-1262-1

R.T.: 8.563 min
Delta R.T.: 0.020 min
Response: 1463821
Conc: 14.80 ng/ml



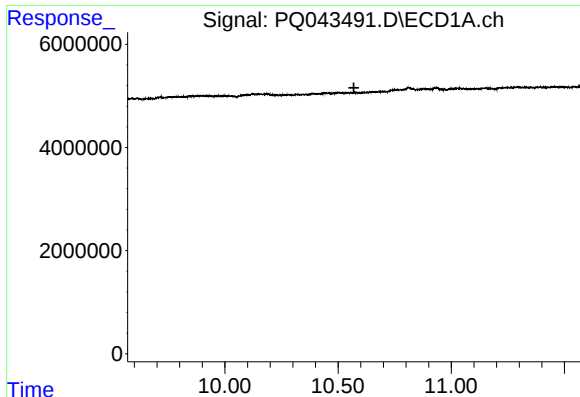
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 10.472 min
Response: 0
Conc: N.D.



#38 AR-1262-3

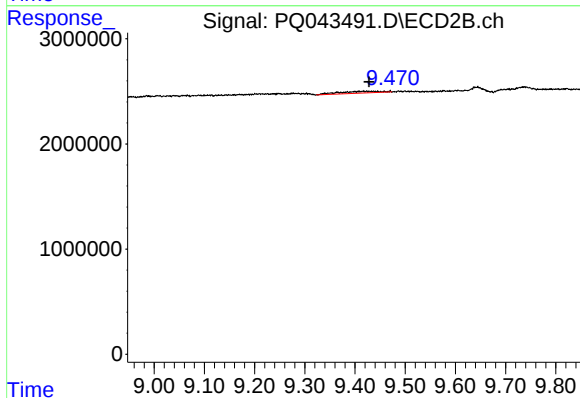
R.T.: 9.424 min
Delta R.T.: 0.062 min
Response: 956766
Conc: 8.32 ng/ml



#39 AR-1262-4

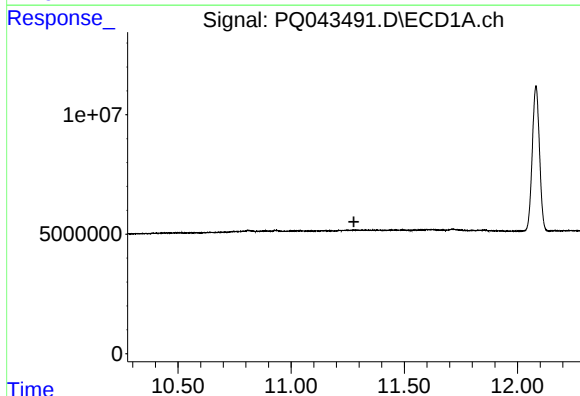
R.T.: 0.000 min
Exp R.T.: 10.570 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



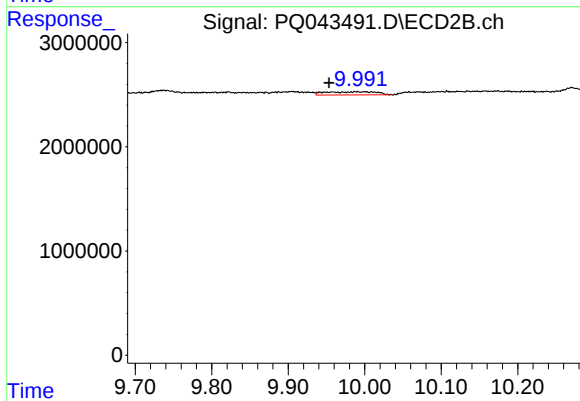
#39 AR-1262-4

R.T.: 9.424 min
Delta R.T.: -0.004 min
Response: 956766
Conc: 4.25 ng/ml



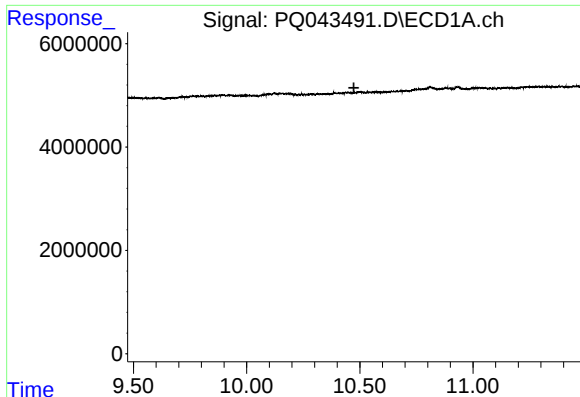
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 11.277 min
Response: 0
Conc: N.D.



#40 AR-1262-5

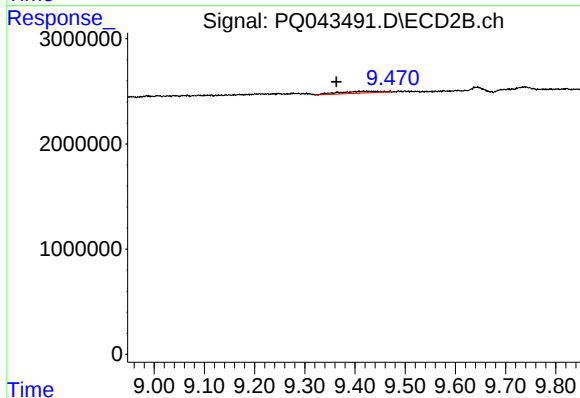
R.T.: 9.993 min
Delta R.T.: 0.039 min
Response: 1404631
Conc: 9.09 ng/ml



#41 AR-1268-1

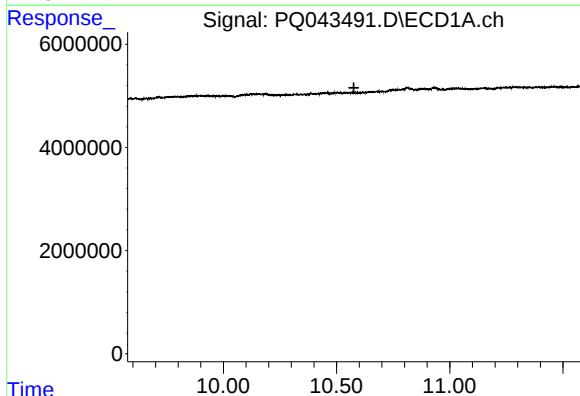
R.T.: 0.000 min
Exp R.T.: 10.474 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



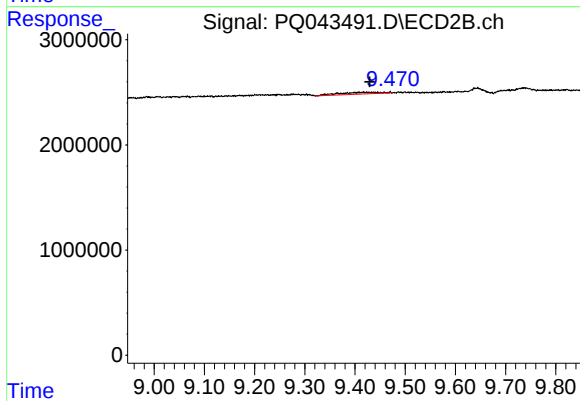
#41 AR-1268-1

R.T.: 9.424 min
Delta R.T.: 0.061 min
Response: 956766
Conc: 2.93 ng/ml



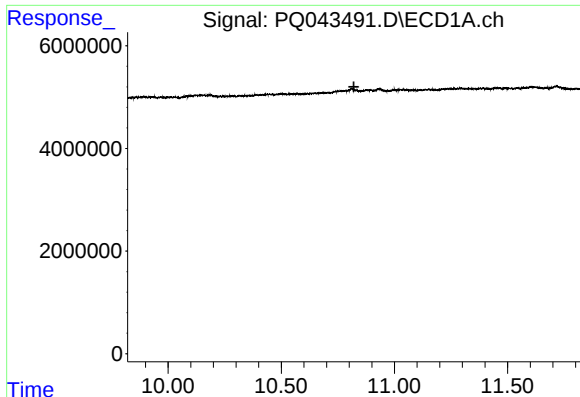
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 10.577 min
Response: 0
Conc: N.D.



#42 AR-1268-2

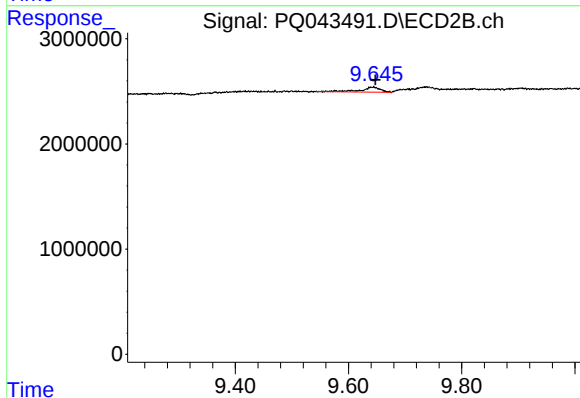
R.T.: 9.424 min
Delta R.T.: -0.006 min
Response: 956766
Conc: 2.99 ng/ml



#43 AR-1268-3

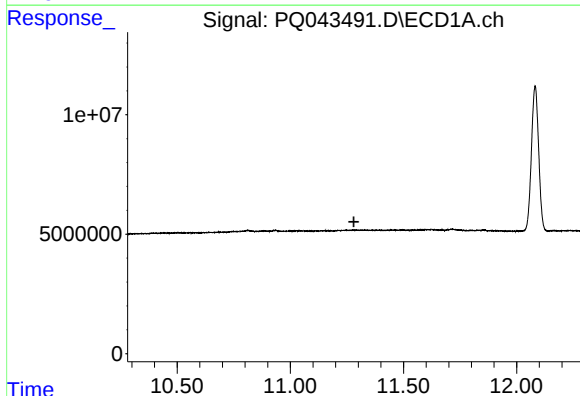
R.T.: 0.000 min
Exp R.T. : 10.821 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



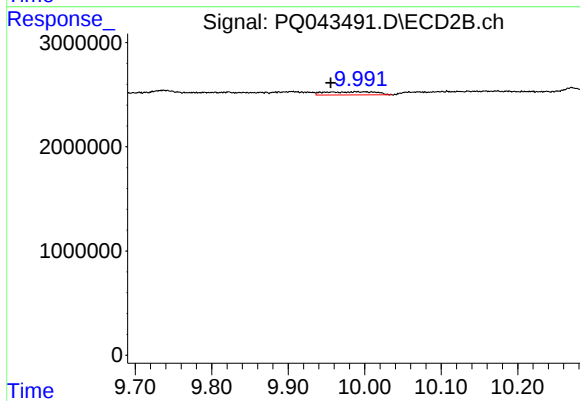
#43 AR-1268-3

R.T.: 9.643 min
Delta R.T.: -0.004 min
Response: 1131030
Conc: 3.99 ng/ml



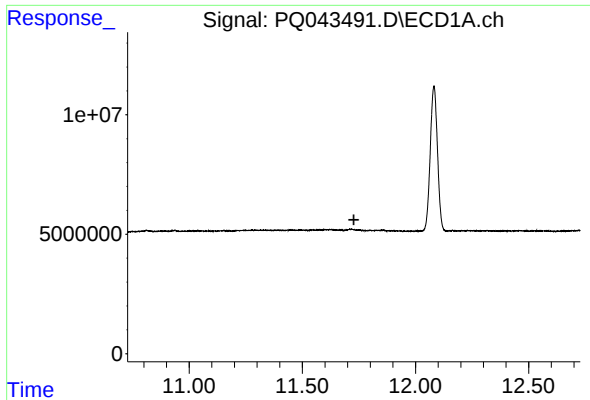
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 11.281 min
Response: 0
Conc: N.D.



#44 AR-1268-4

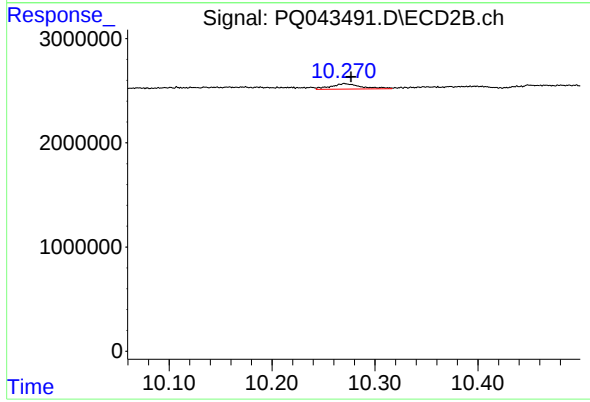
R.T.: 9.993 min
Delta R.T.: 0.037 min
Response: 1404631
Conc: 8.64 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.728 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.271 min
Delta R.T.: -0.005 min
Response: 1068620
Conc: 0.85 ng/ml