

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091219\
 Data File : PQ043526.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2019 19:22
 Operator : SM\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 15:46:17 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 13 03:48:31 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...	5.701	4.783	58418966	23058036	23.064	22.409
2)	SA Decachlor...	12.092	10.559	173.5E6	77244354	20.951	20.538
Target Compounds							
3)	L1 AR-1016-1	0.000	6.194	0	33054	N.D.	0.732 #
4)	L1 AR-1016-2	0.000	6.194	0	33054	N.D.	0.564 #
5)	L1 AR-1016-3	0.000	6.473	0	109952	N.D.	3.439 #
6)	L1 AR-1016-4	7.361	6.496	241185	186027	3.277	6.833 #
7)	L1 AR-1016-5	7.673	6.790	135672	69874	1.755	1.979
8)	L2 AR-1221-1	5.974	5.053	653316	104454	22.227	9.479 #
9)	L2 AR-1221-2	6.091	5.202	1250234	260766	57.125	30.132 #
10)	L2 AR-1221-3	6.241	5.376	3544202	84079	50.904	2.928 #
11)	L3 AR-1232-1	6.241	5.376	3544202	84079	36.122	2.062 #
12)	L3 AR-1232-2	6.803	0.000	1047130	0	19.407	N.D. #
13)	L3 AR-1232-3	0.000	6.483	0	110552	N.D.	4.417 #
14)	L3 AR-1232-4	7.361	6.588	241185	38335	4.162	1.635 #
15)	L3 AR-1232-5	7.414	6.790	831126	69874	20.532	2.723 #
16)	L4 AR-1242-1	0.000	6.194	0	33054	N.D.	0.844 #
18)	L4 AR-1242-3	0.000	6.483	0	110552	N.D.	3.983 #
19)	L4 AR-1242-4	7.361	6.588	241185	38335	3.679	1.331 #
20)	L4 AR-1242-5	8.188	7.171	718399	157456	7.917	3.748 #
21)	L5 AR-1248-1	0.000	6.194	0	33054	N.D.	1.236 #
22)	L5 AR-1248-2	7.414	6.566	831126	61315	9.121	1.686 #
23)	L5 AR-1248-3	7.673	6.588	135672	38335	1.308	1.011
24)	L5 AR-1248-4	8.108	6.790	2995547	69874	22.049	1.512 #
25)	L5 AR-1248-5	8.164	7.272	1680519	124344	12.676	2.408 #
26)	L6 AR-1254-1	8.108	7.171	2995547	157456	20.376	1.769 #
27)	L6 AR-1254-2	8.354	7.342	3867538	314098	15.800	3.863 #
28)	L6 AR-1254-3	8.741	7.797	3899904	446811	13.524	3.164 #
29)	L6 AR-1254-4	9.039	8.017	4366140	114385	18.702	1.173 #
30)	L6 AR-1254-5	9.455	8.515	445316	37978	1.674	0.274 #
31)	L7 AR-1260-1	8.939	7.949	3833217	239873	20.678	2.943 #
32)	L7 AR-1260-2	9.127	8.143	4465480	210504	18.947	1.984 #
33)	L7 AR-1260-3	9.608	8.334	559250	28512	2.932	0.298 #
34)	L7 AR-1260-4	9.829	8.757	513013	30157	2.222	0.345 #
35)	L7 AR-1260-5	10.207	9.065	8904387	64826	16.835	0.296 #
36)	L8 AR-1262-1	9.608	8.515	559250	37978	1.769	0.271 #
37)	L8 AR-1262-2	0.000	9.065	0	64826	N.D.	0.250 #
38)	L8 AR-1262-3	0.000	9.370	0	258629	N.D.	2.199 #
39)	L8 AR-1262-4	10.545	9.414	4213582	587128	11.692	2.475 #
40)	L8 AR-1262-5	0.000	9.904	0	322182	N.D.	2.204 #
41)	L9 AR-1268-1	0.000	9.370	0	258629	N.D.	0.797 #
42)	L9 AR-1268-2	10.545	9.414	4213582	587128	5.467	1.875 #

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Volume Inj. : 2 µl
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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
43) L9	AR-1268-3	10.821	9.647	6879887	1165444	10.435	4.123 #
44) L9	AR-1268-4	0.000	9.904	0	322182	N.D.	2.041 #
45) L9	AR-1268-5	11.728	10.277	5002972	1353984	1.881	1.112 #

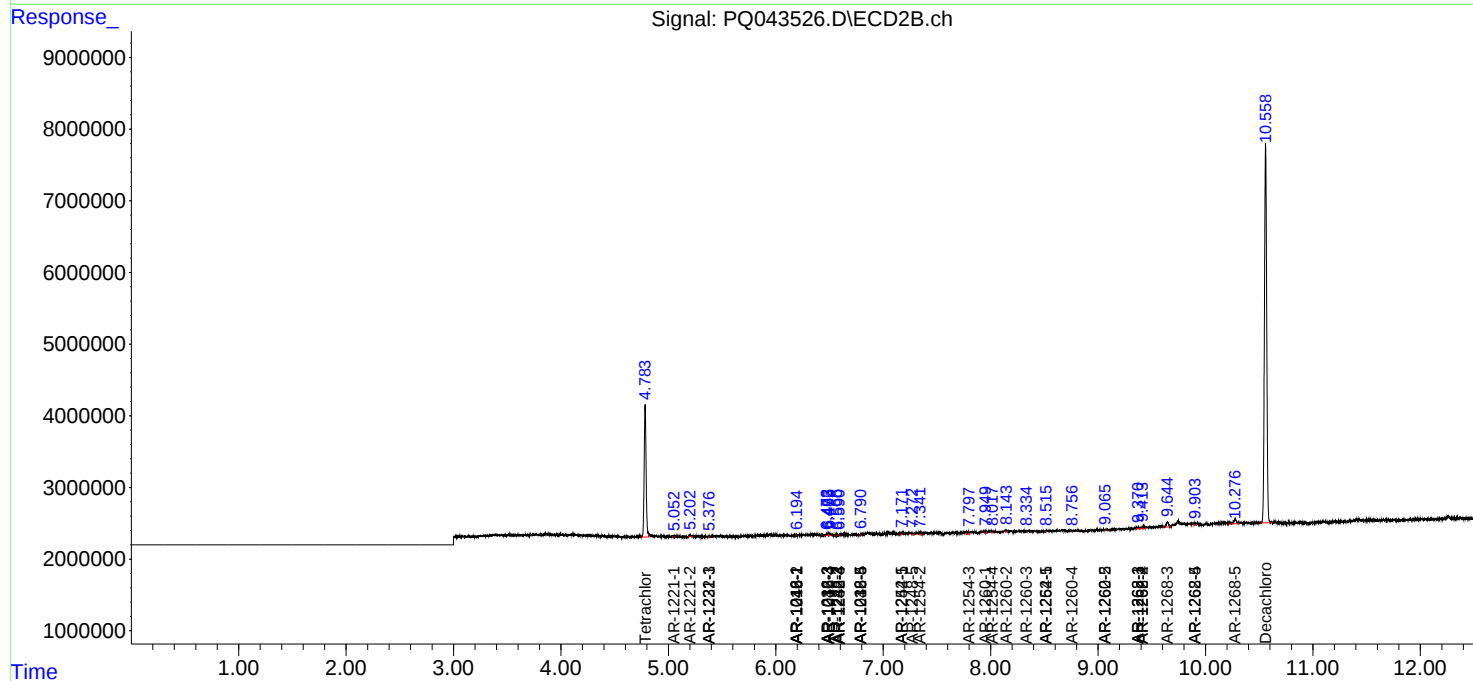
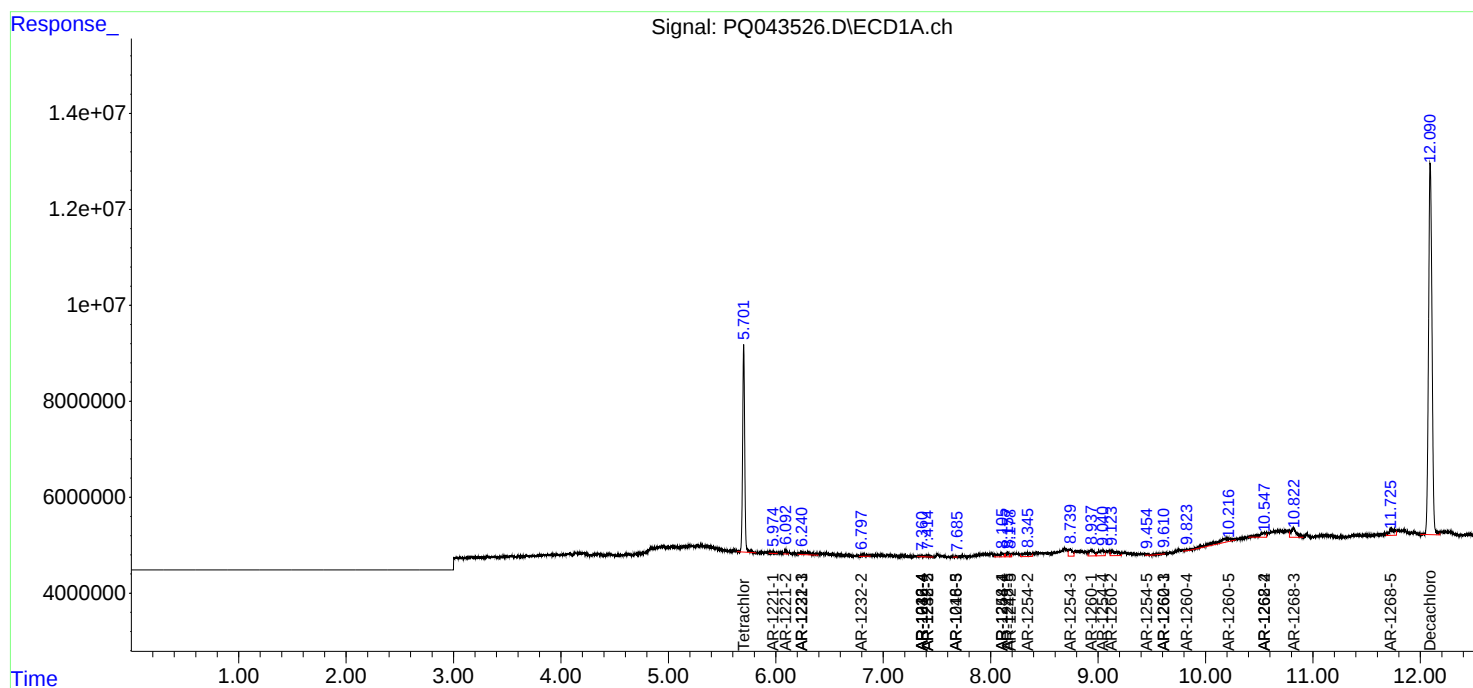
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

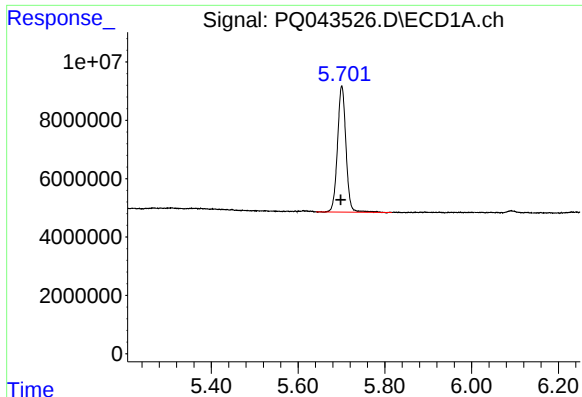
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Data File : PQ043526.D
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

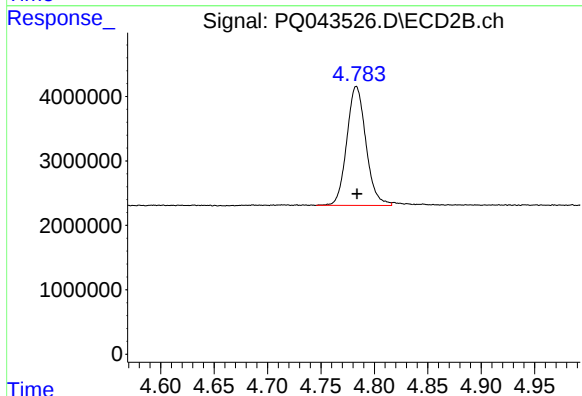




#1 Tetrachloro-m-xylene

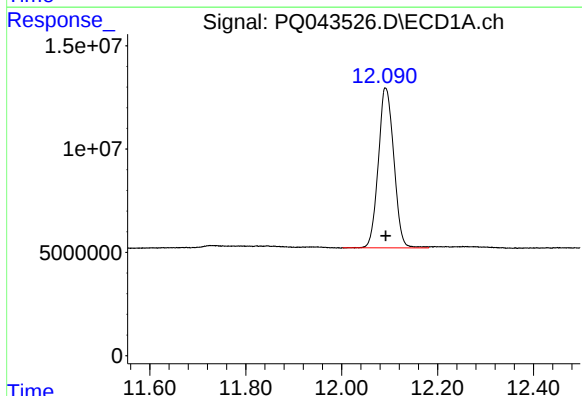
R.T.: 5.701 min
Delta R.T.: 0.003 min
Response: 58418966
Conc: 23.06 ng/ml

Instrument :
ECD_S
ClientSampleId :



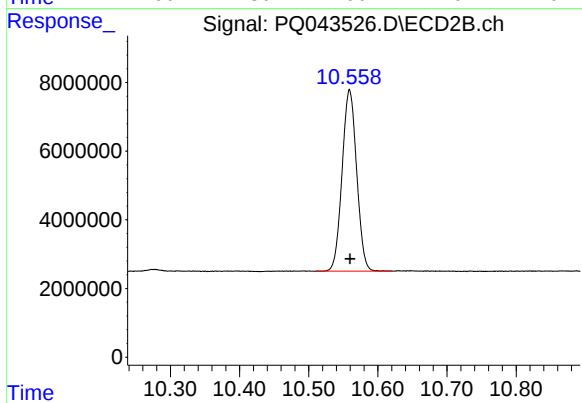
#1 Tetrachloro-m-xylene

R.T.: 4.783 min
Delta R.T.: 0.000 min
Response: 23058036
Conc: 22.41 ng/ml



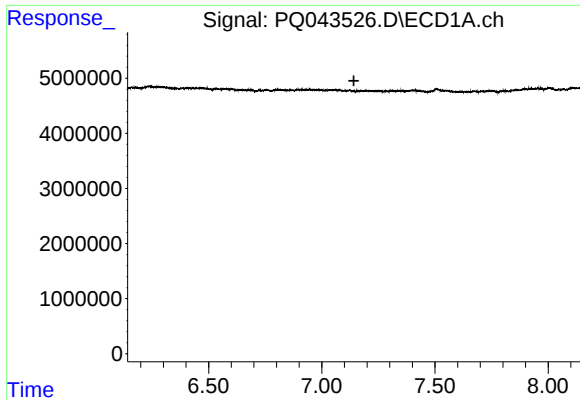
#2 Decachlorobiphenyl

R.T.: 12.092 min
Delta R.T.: 0.000 min
Response: 173468746
Conc: 20.95 ng/ml



#2 Decachlorobiphenyl

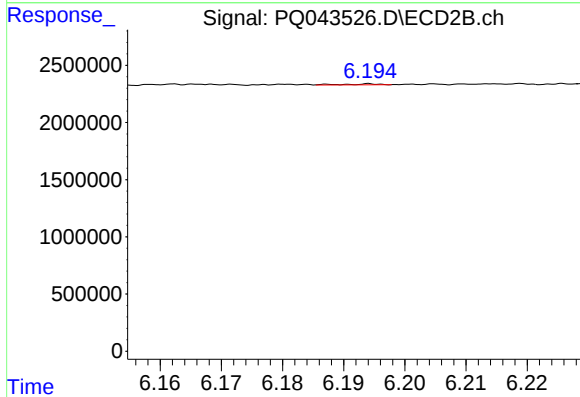
R.T.: 10.559 min
Delta R.T.: 0.000 min
Response: 77244354
Conc: 20.54 ng/ml



#3 AR-1016-1

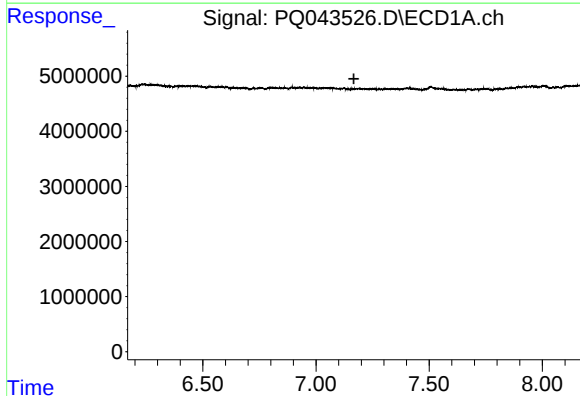
R.T.: 0.000 min
Exp R.T.: 7.142 min
Response: 0
Conc: N.D.

Instrument :
ECD_S
ClientSampleId :



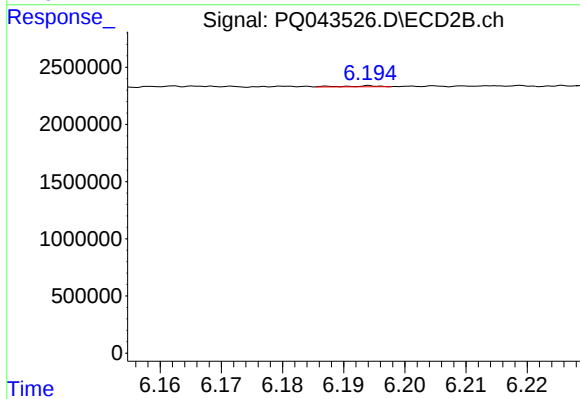
#3 AR-1016-1

R.T.: 6.194 min
Delta R.T.: -0.044 min
Response: 33054
Conc: 0.73 ng/ml



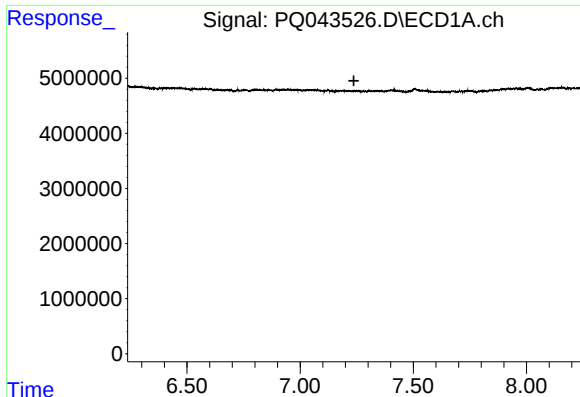
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 7.168 min
Response: 0
Conc: N.D.



#4 AR-1016-2

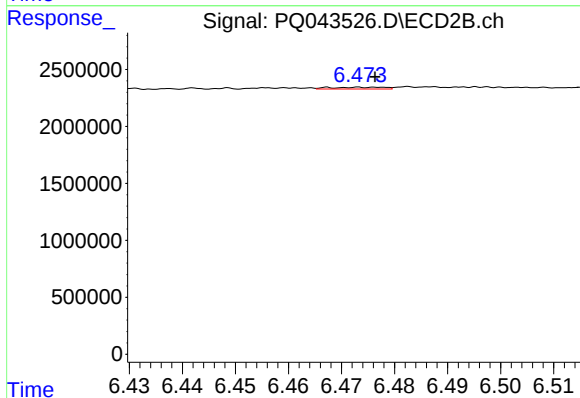
R.T.: 6.194 min
Delta R.T.: -0.068 min
Response: 33054
Conc: 0.56 ng/ml



#5 AR-1016-3

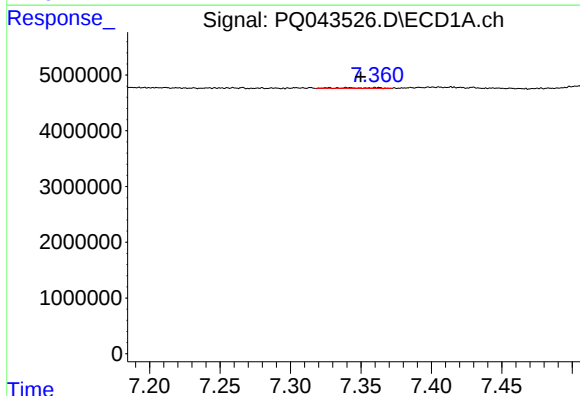
R.T.: 0.000 min
Exp R.T.: 7.238 min
Response: 0
Conc: N.D.

Instrument :
ECD_S
ClientSampleId :



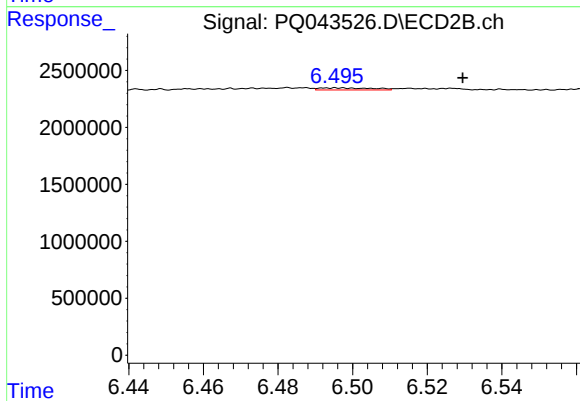
#5 AR-1016-3

R.T.: 6.473 min
Delta R.T.: -0.003 min
Response: 109952
Conc: 3.44 ng/ml



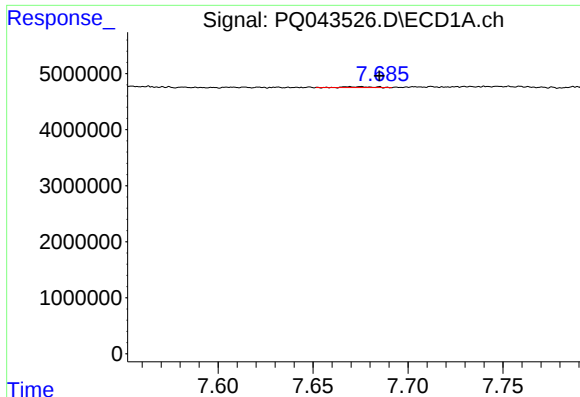
#6 AR-1016-4

R.T.: 7.361 min
Delta R.T.: 0.011 min
Response: 241185
Conc: 3.28 ng/ml



#6 AR-1016-4

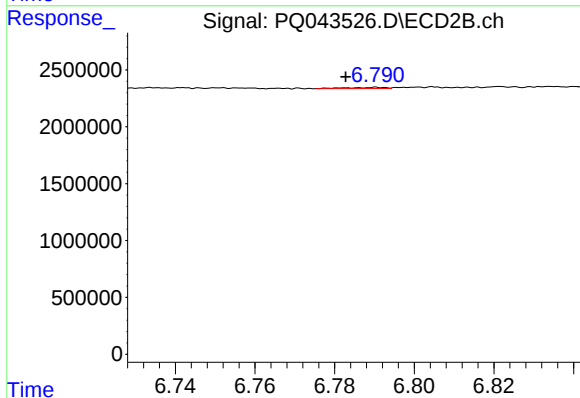
R.T.: 6.496 min
Delta R.T.: -0.034 min
Response: 186027
Conc: 6.83 ng/ml



#7 AR-1016-5

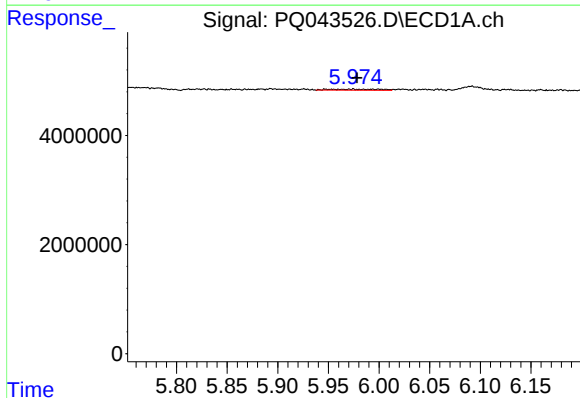
R.T.: 7.673 min
Delta R.T.: -0.012 min
Response: 135672
Conc: 1.76 ng/ml

Instrument :
ECD_S
ClientSampleId :



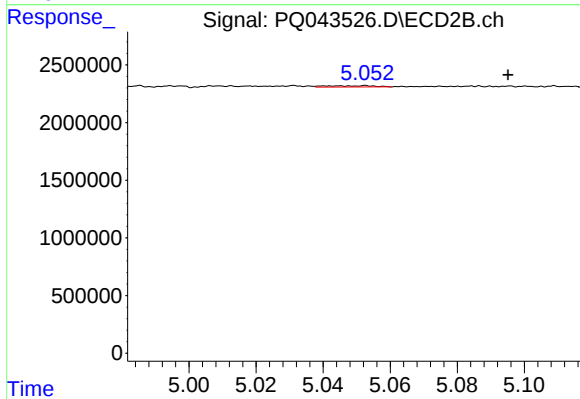
#7 AR-1016-5

R.T.: 6.790 min
Delta R.T.: 0.008 min
Response: 69874
Conc: 1.98 ng/ml



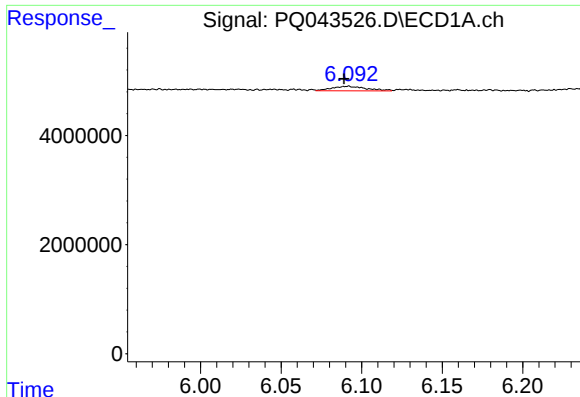
#8 AR-1221-1

R.T.: 5.974 min
Delta R.T.: -0.004 min
Response: 653316
Conc: 22.23 ng/ml



#8 AR-1221-1

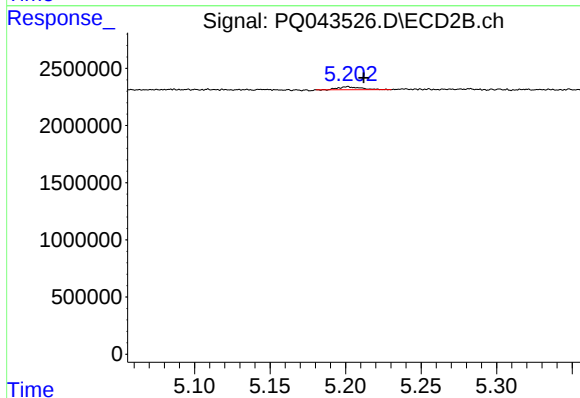
R.T.: 5.053 min
Delta R.T.: -0.042 min
Response: 104454
Conc: 9.48 ng/ml



#9 AR-1221-2

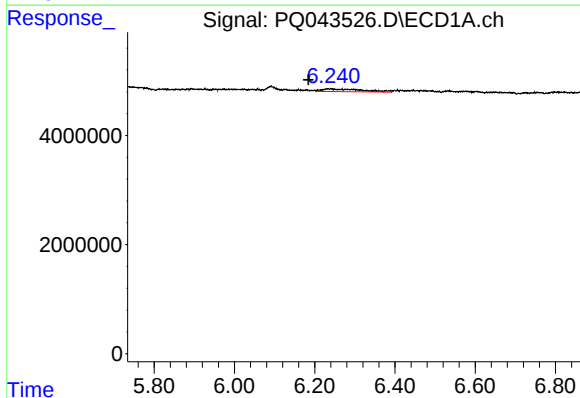
R.T.: 6.091 min
Delta R.T.: 0.002 min
Response: 1250234
Conc: 57.13 ng/ml

Instrument :
ECD_S
ClientSampleId :



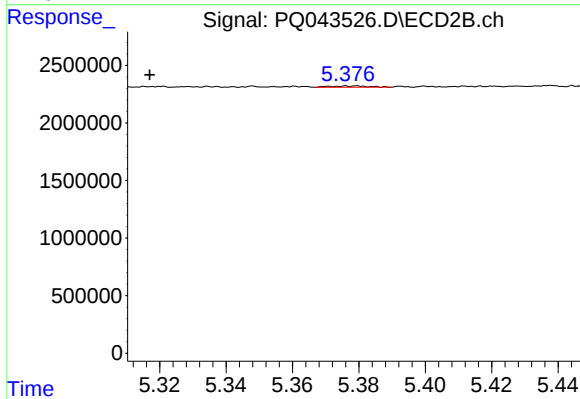
#9 AR-1221-2

R.T.: 5.202 min
Delta R.T.: -0.010 min
Response: 260766
Conc: 30.13 ng/ml



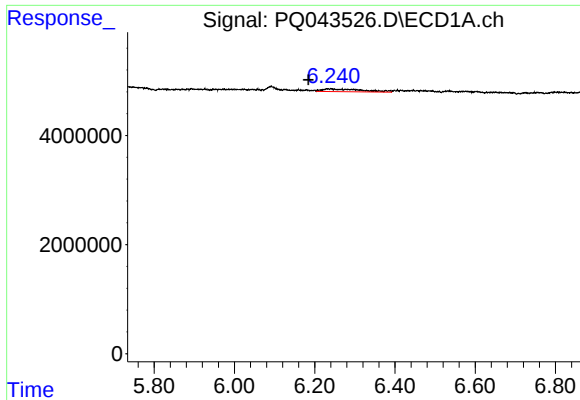
#10 AR-1221-3

R.T.: 6.241 min
Delta R.T.: 0.057 min
Response: 3544202
Conc: 50.90 ng/ml



#10 AR-1221-3

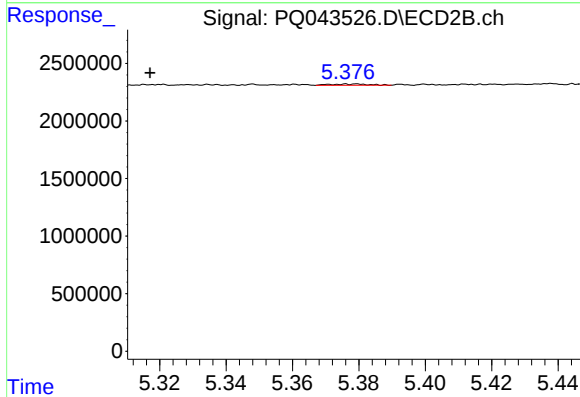
R.T.: 5.376 min
Delta R.T.: 0.059 min
Response: 84079
Conc: 2.93 ng/ml



#11 AR-1232-1

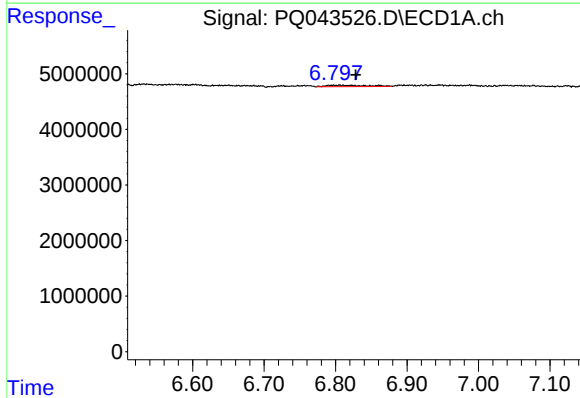
R.T.: 6.241 min
Delta R.T.: 0.057 min
Response: 3544202
Conc: 36.12 ng/ml

Instrument :
ECD_S
ClientSampleId :



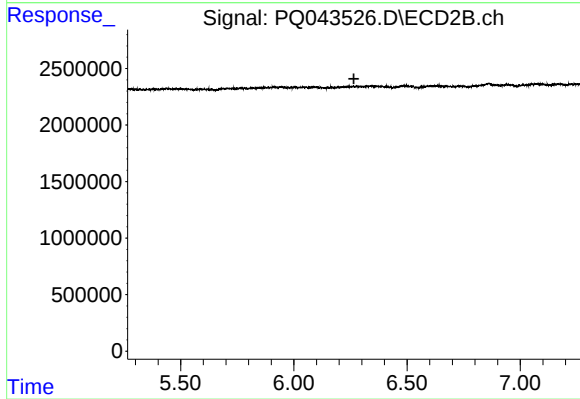
#11 AR-1232-1

R.T.: 5.376 min
Delta R.T.: 0.059 min
Response: 84079
Conc: 2.06 ng/ml



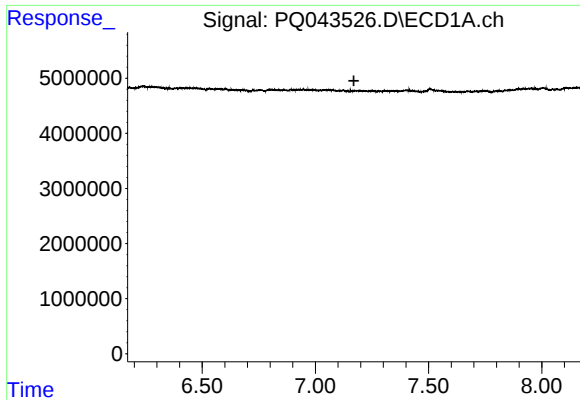
#12 AR-1232-2

R.T.: 6.803 min
Delta R.T.: -0.025 min
Response: 1047130
Conc: 19.41 ng/ml



#12 AR-1232-2

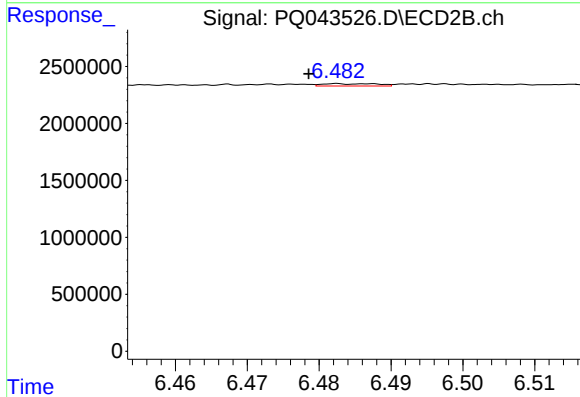
R.T.: 0.000 min
Exp R.T.: 6.265 min
Response: 0
Conc: N.D.



#13 AR-1232-3

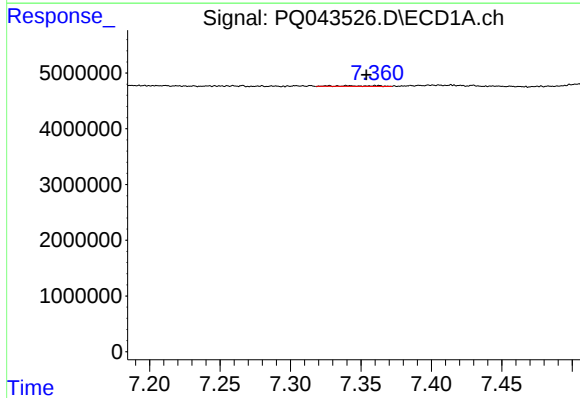
R.T.: 0.000 min
Exp R.T.: 7.170 min
Response: 0
Conc: N.D.

Instrument :
ECD_S
ClientSampleId :



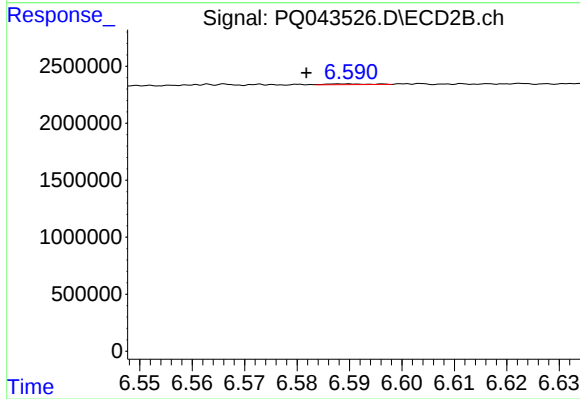
#13 AR-1232-3

R.T.: 6.483 min
Delta R.T.: 0.004 min
Response: 110552
Conc: 4.42 ng/ml



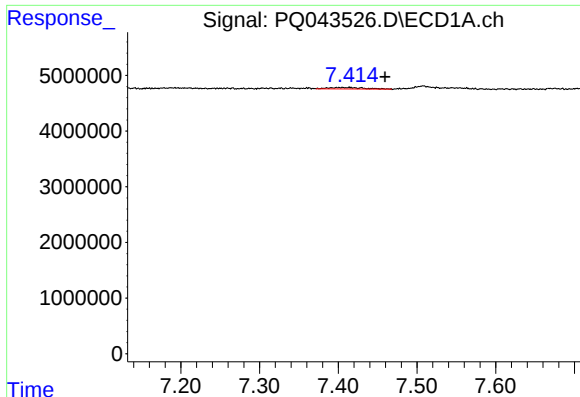
#14 AR-1232-4

R.T.: 7.361 min
Delta R.T.: 0.007 min
Response: 241185
Conc: 4.16 ng/ml



#14 AR-1232-4

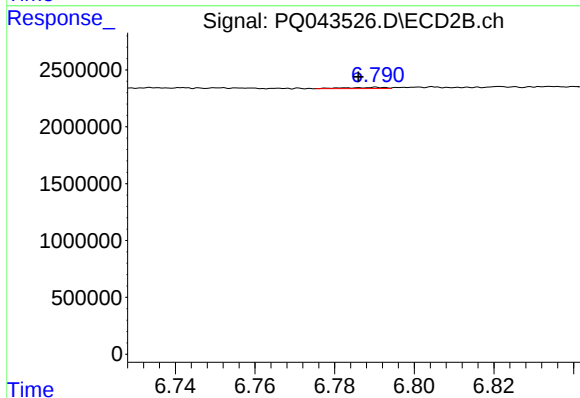
R.T.: 6.588 min
Delta R.T.: 0.006 min
Response: 38335
Conc: 1.64 ng/ml



#15 AR-1232-5

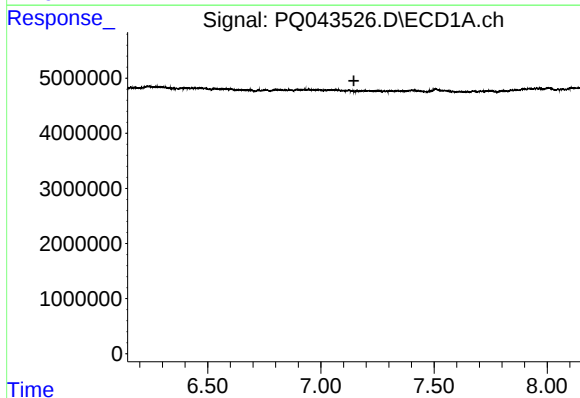
R.T.: 7.414 min
Delta R.T.: -0.045 min
Response: 831126
Conc: 20.53 ng/ml

Instrument :
ECD_S
ClientSampleId :



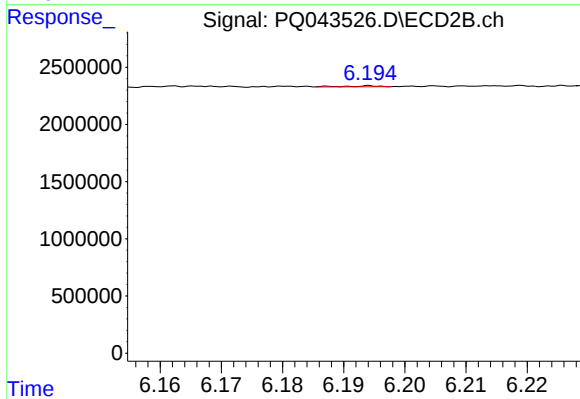
#15 AR-1232-5

R.T.: 6.790 min
Delta R.T.: 0.005 min
Response: 69874
Conc: 2.72 ng/ml



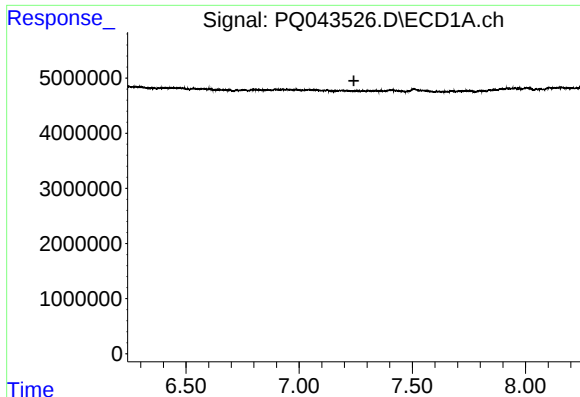
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 7.146 min
Response: 0
Conc: N.D.



#16 AR-1242-1

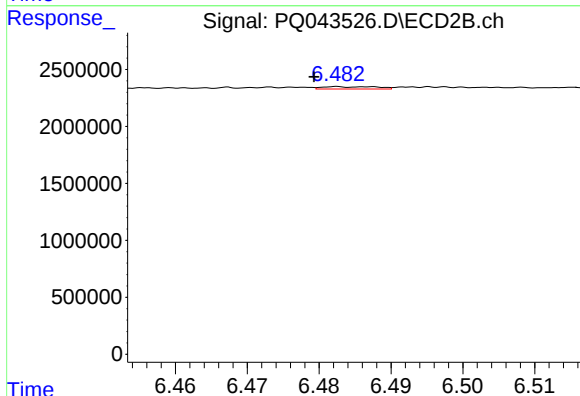
R.T.: 6.194 min
Delta R.T.: -0.048 min
Response: 33054
Conc: 0.84 ng/ml



#18 AR-1242-3

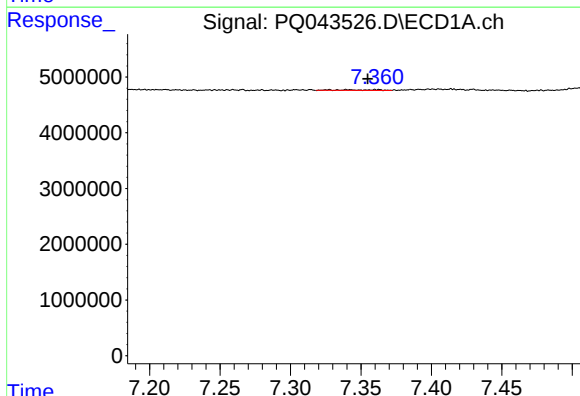
R.T.: 0.000 min
Exp R.T.: 7.242 min
Response: 0
Conc: N.D.

Instrument :
ECD_S
ClientSampleId :



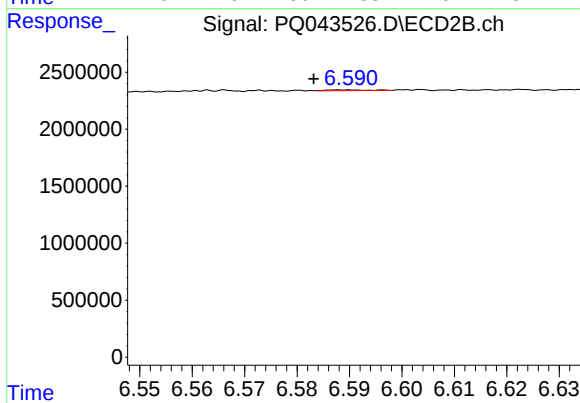
#18 AR-1242-3

R.T.: 6.483 min
Delta R.T.: 0.003 min
Response: 110552
Conc: 3.98 ng/ml



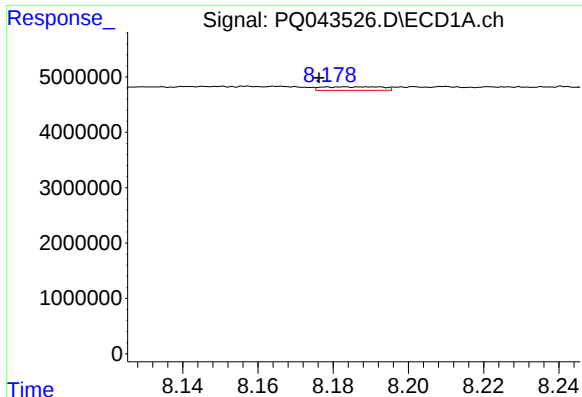
#19 AR-1242-4

R.T.: 7.361 min
Delta R.T.: 0.006 min
Response: 241185
Conc: 3.68 ng/ml



#19 AR-1242-4

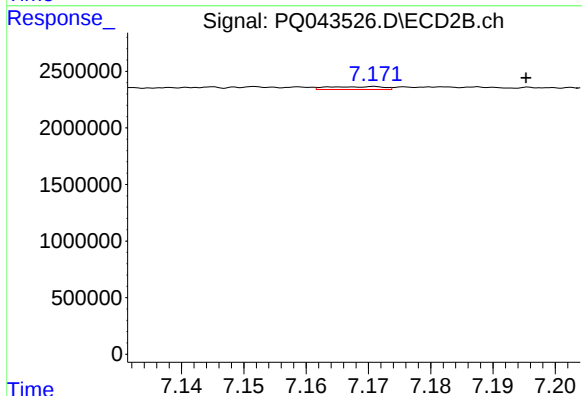
R.T.: 6.588 min
Delta R.T.: 0.005 min
Response: 38335
Conc: 1.33 ng/ml



#20 AR-1242-5

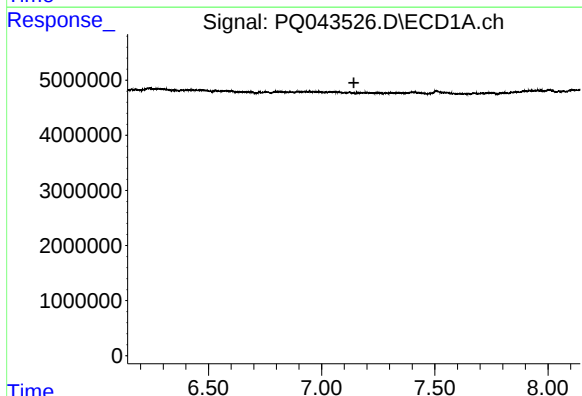
R.T.: 8.188 min
Delta R.T.: 0.012 min
Response: 718399
Conc: 7.92 ng/ml

Instrument :
ECD_S
ClientSampleId :



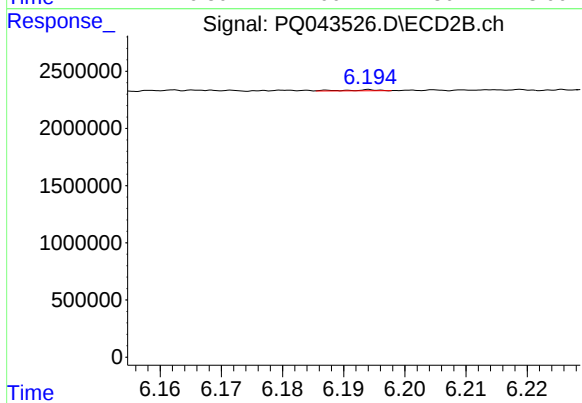
#20 AR-1242-5

R.T.: 7.171 min
Delta R.T.: -0.024 min
Response: 157456
Conc: 3.75 ng/ml



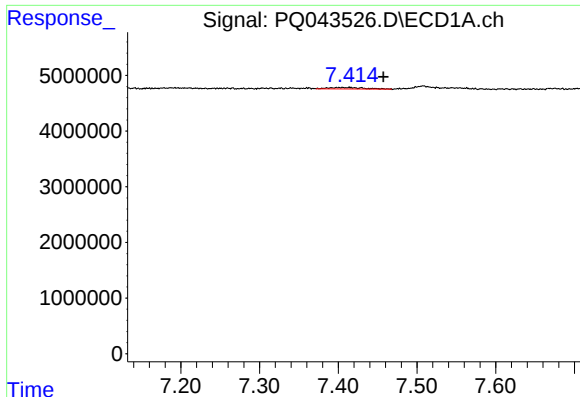
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 7.143 min
Response: 0
Conc: N.D.



#21 AR-1248-1

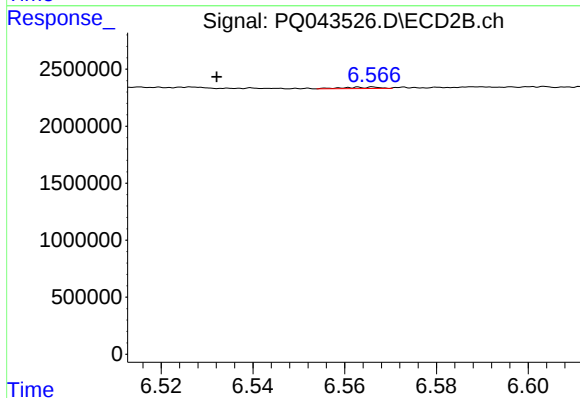
R.T.: 6.194 min
Delta R.T.: -0.046 min
Response: 33054
Conc: 1.24 ng/ml



#22 AR-1248-2

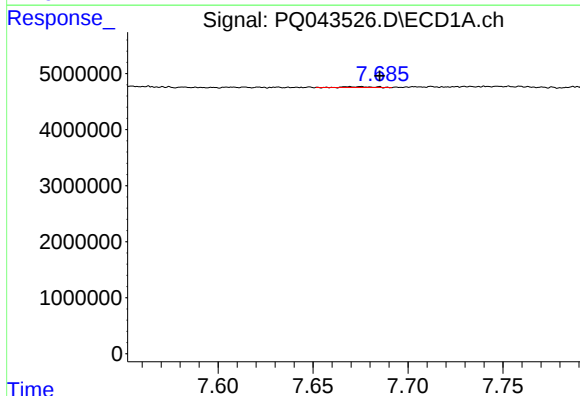
R.T.: 7.414 min
Delta R.T.: -0.043 min
Response: 831126
Conc: 9.12 ng/ml

Instrument :
ECD_S
ClientSampleId :



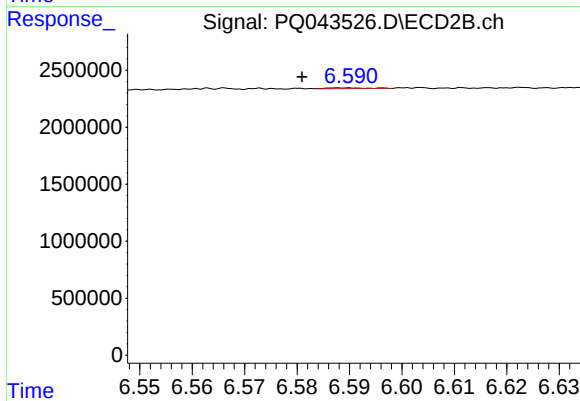
#22 AR-1248-2

R.T.: 6.566 min
Delta R.T.: 0.034 min
Response: 61315
Conc: 1.69 ng/ml



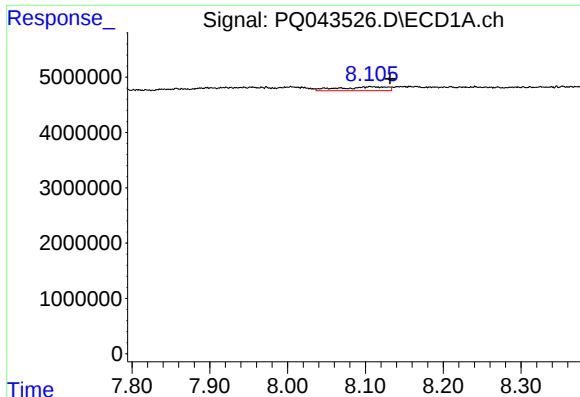
#23 AR-1248-3

R.T.: 7.673 min
Delta R.T.: -0.012 min
Response: 135672
Conc: 1.31 ng/ml



#23 AR-1248-3

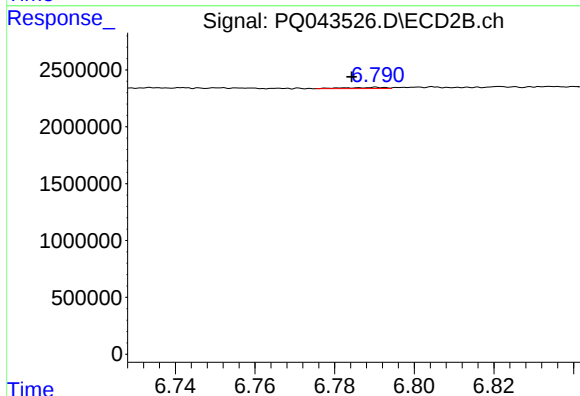
R.T.: 6.588 min
Delta R.T.: 0.007 min
Response: 38335
Conc: 1.01 ng/ml



#24 AR-1248-4

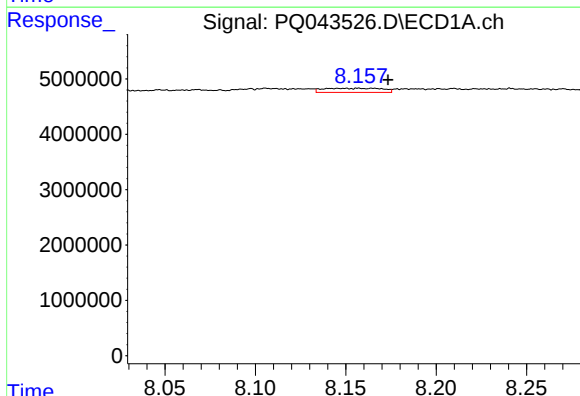
R.T.: 8.108 min
Delta R.T.: -0.024 min
Response: 2995547
Conc: 22.05 ng/ml

Instrument :
ECD_S
ClientSampleId :



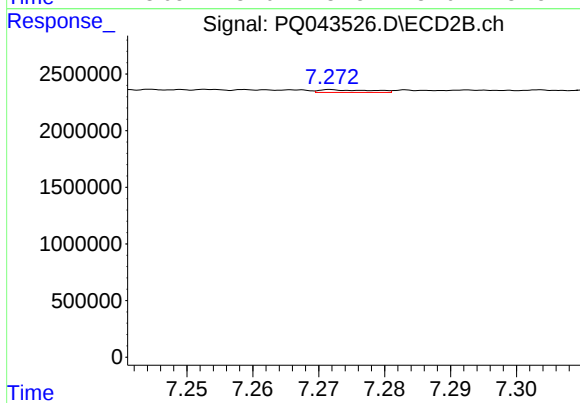
#24 AR-1248-4

R.T.: 6.790 min
Delta R.T.: 0.006 min
Response: 69874
Conc: 1.51 ng/ml



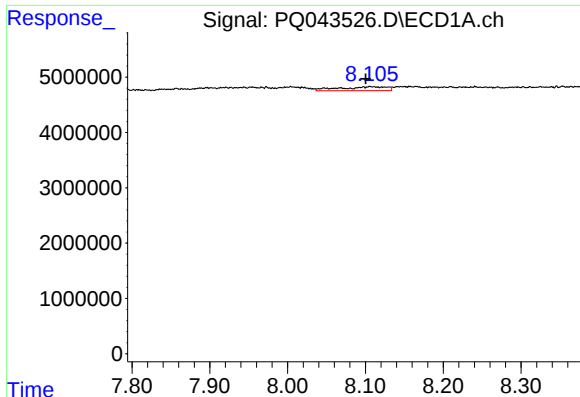
#25 AR-1248-5

R.T.: 8.164 min
Delta R.T.: -0.010 min
Response: 1680519
Conc: 12.68 ng/ml



#25 AR-1248-5

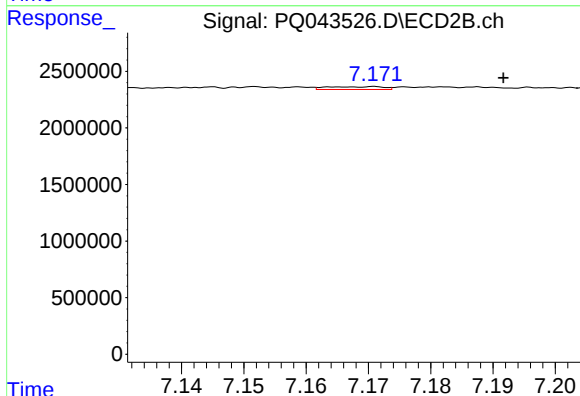
R.T.: 7.272 min
Delta R.T.: 0.032 min
Response: 124344
Conc: 2.41 ng/ml



#26 AR-1254-1

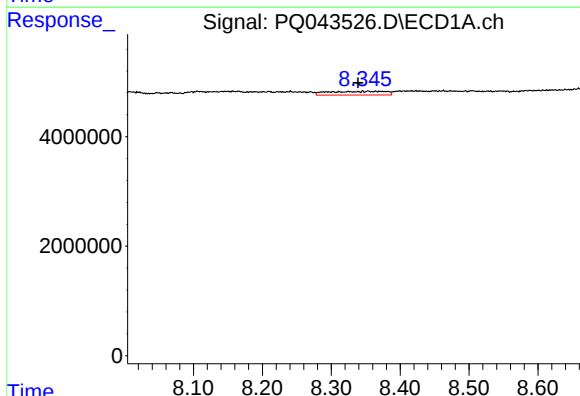
R.T.: 8.108 min
Delta R.T.: 0.007 min
Response: 2995547
Conc: 20.38 ng/ml

Instrument :
ECD_S
ClientSampleId :



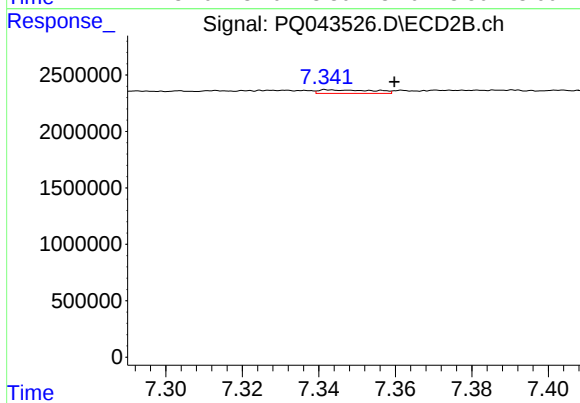
#26 AR-1254-1

R.T.: 7.171 min
Delta R.T.: -0.021 min
Response: 157456
Conc: 1.77 ng/ml



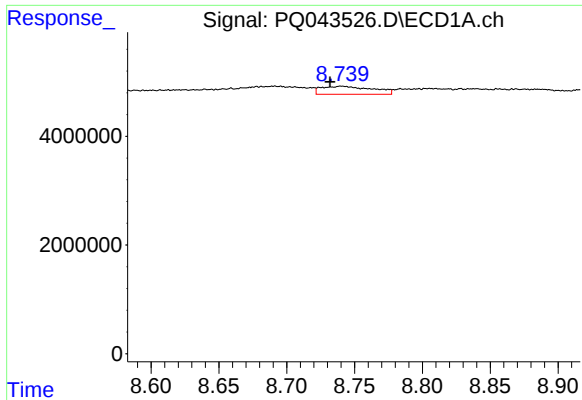
#27 AR-1254-2

R.T.: 8.354 min
Delta R.T.: 0.015 min
Response: 3867538
Conc: 15.80 ng/ml



#27 AR-1254-2

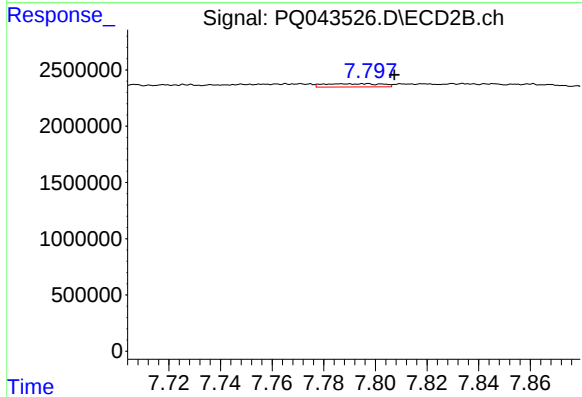
R.T.: 7.342 min
Delta R.T.: -0.018 min
Response: 314098
Conc: 3.86 ng/ml



#28 AR-1254-3

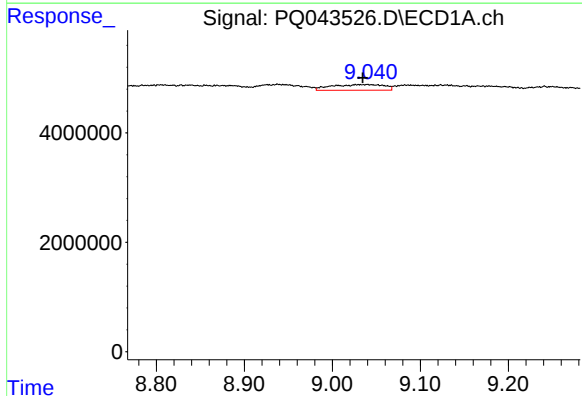
R.T.: 8.741 min
Delta R.T.: 0.009 min
Response: 3899904
Conc: 13.52 ng/ml

Instrument :
ECD_S
ClientSampleId :



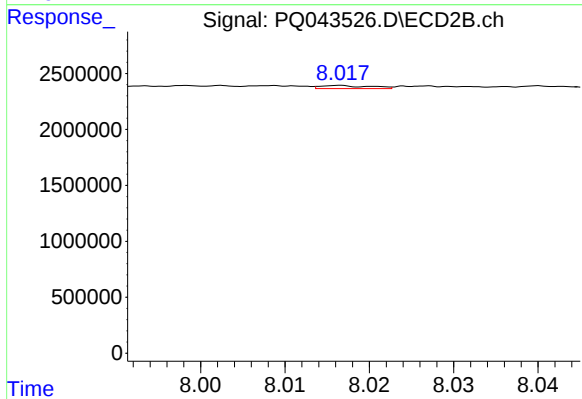
#28 AR-1254-3

R.T.: 7.797 min
Delta R.T.: -0.010 min
Response: 446811
Conc: 3.16 ng/ml



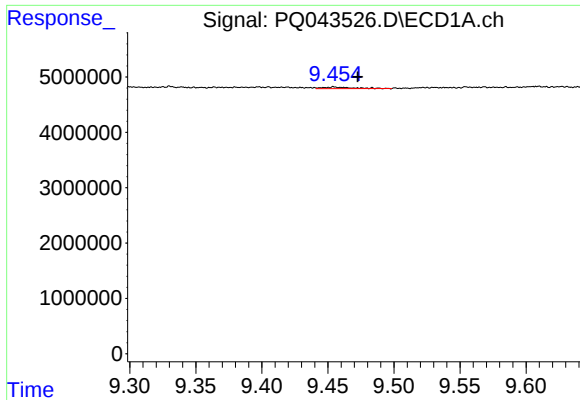
#29 AR-1254-4

R.T.: 9.039 min
Delta R.T.: 0.005 min
Response: 4366140
Conc: 18.70 ng/ml



#29 AR-1254-4

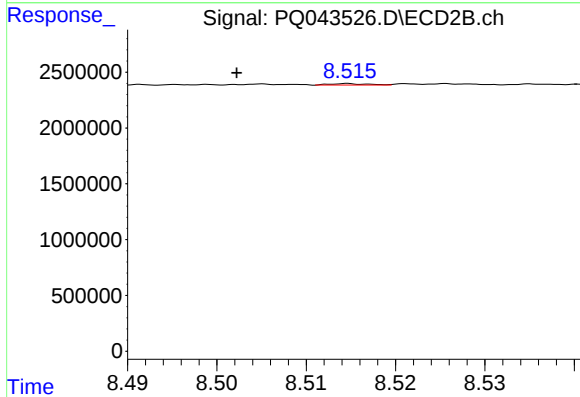
R.T.: 8.017 min
Delta R.T.: -0.039 min
Response: 114385
Conc: 1.17 ng/ml



#30 AR-1254-5

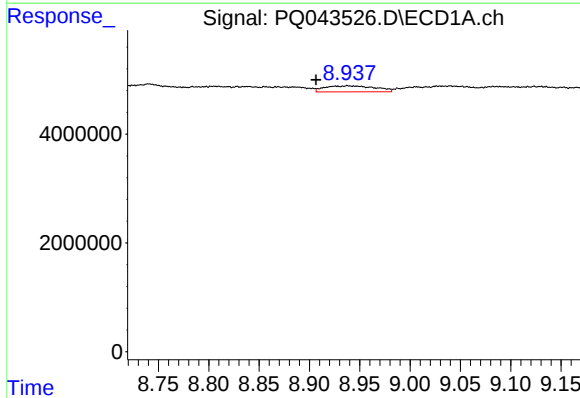
R.T.: 9.455 min
Delta R.T.: -0.017 min
Response: 445316
Conc: 1.67 ng/ml

Instrument :
ECD_S
ClientSampleId :



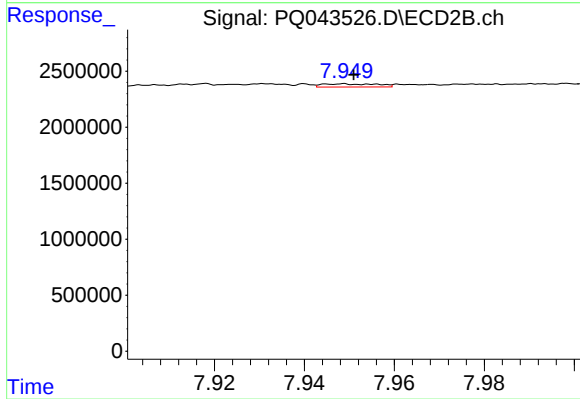
#30 AR-1254-5

R.T.: 8.515 min
Delta R.T.: 0.013 min
Response: 37978
Conc: 0.27 ng/ml



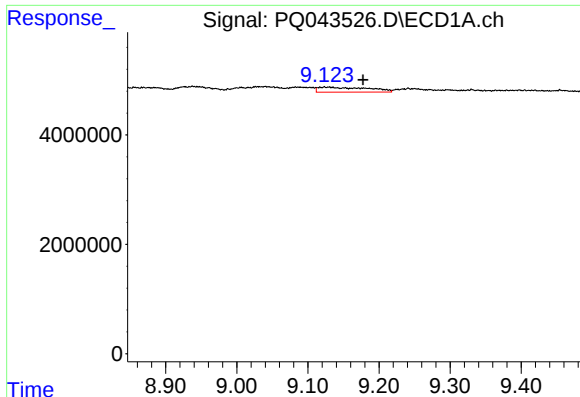
#31 AR-1260-1

R.T.: 8.939 min
Delta R.T.: 0.032 min
Response: 3833217
Conc: 20.68 ng/ml



#31 AR-1260-1

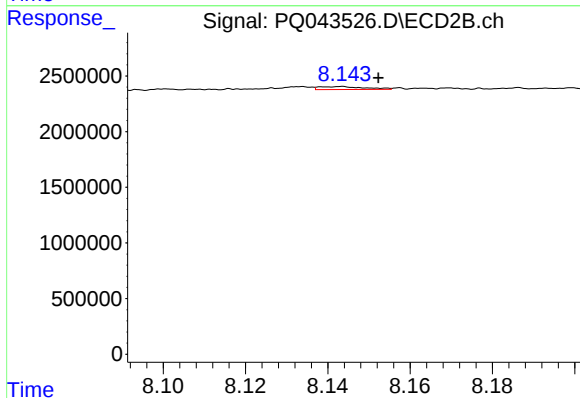
R.T.: 7.949 min
Delta R.T.: -0.002 min
Response: 239873
Conc: 2.94 ng/ml



#32 AR-1260-2

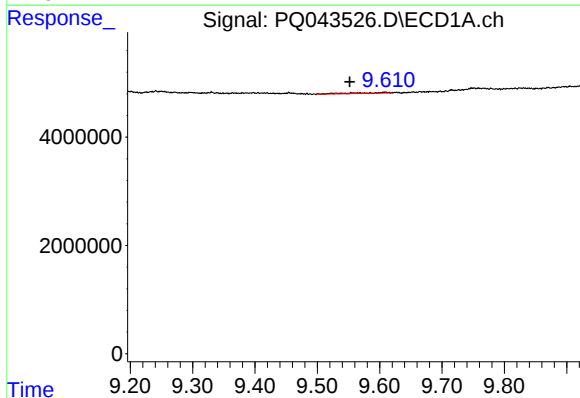
R.T.: 9.127 min
Delta R.T.: -0.050 min
Response: 4465480
Conc: 18.95 ng/ml

Instrument :
ECD_S
ClientSampleId :



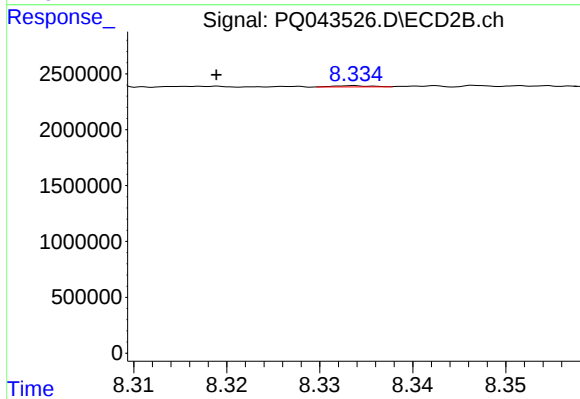
#32 AR-1260-2

R.T.: 8.143 min
Delta R.T.: -0.009 min
Response: 210504
Conc: 1.98 ng/ml



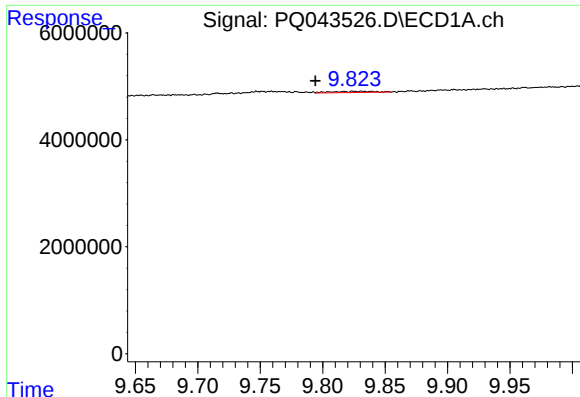
#33 AR-1260-3

R.T.: 9.608 min
Delta R.T.: 0.056 min
Response: 559250
Conc: 2.93 ng/ml



#33 AR-1260-3

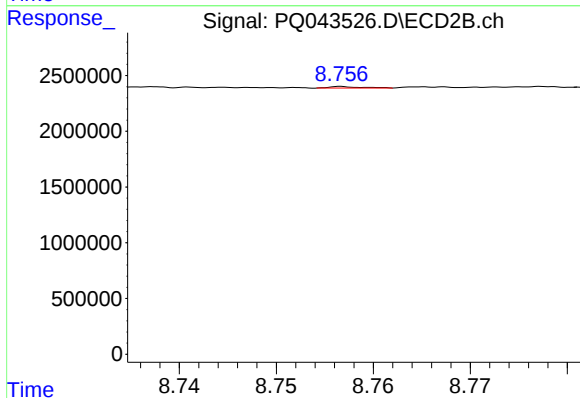
R.T.: 8.334 min
Delta R.T.: 0.015 min
Response: 28512
Conc: 0.30 ng/ml



#34 AR-1260-4

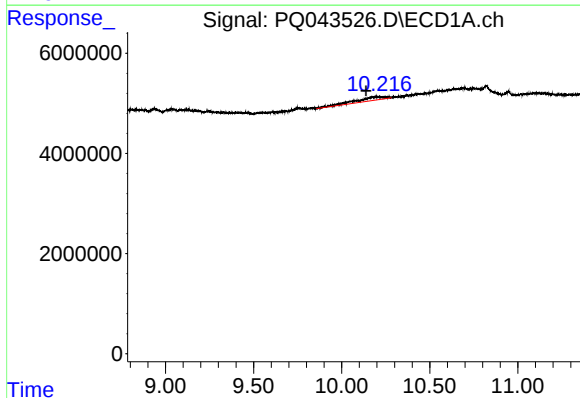
R.T.: 9.829 min
Delta R.T.: 0.035 min
Response: 513013
Conc: 2.22 ng/ml

Instrument :
ECD_S
ClientSampleId :



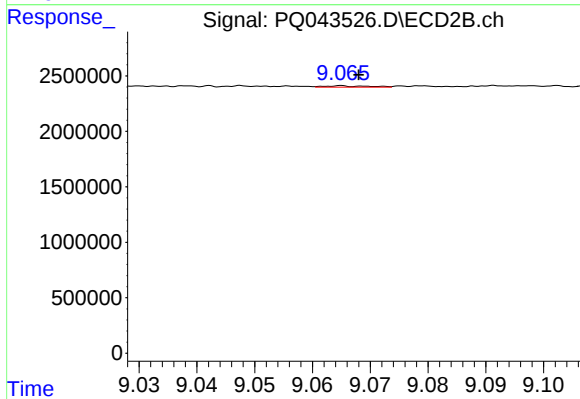
#34 AR-1260-4

R.T.: 8.757 min
Delta R.T.: -0.061 min
Response: 30157
Conc: 0.34 ng/ml



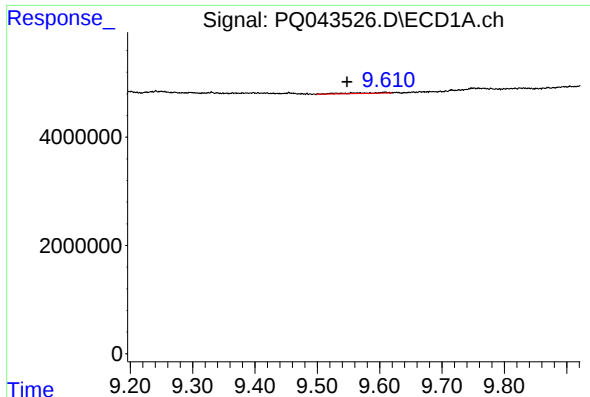
#35 AR-1260-5

R.T.: 10.207 min
Delta R.T.: 0.068 min
Response: 8904387
Conc: 16.83 ng/ml



#35 AR-1260-5

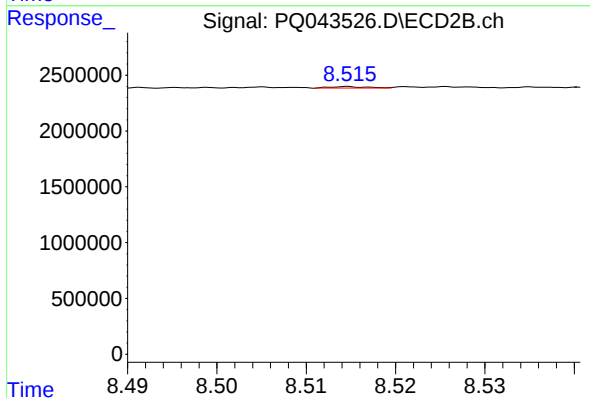
R.T.: 9.065 min
Delta R.T.: -0.003 min
Response: 64826
Conc: 0.30 ng/ml



#36 AR-1262-1

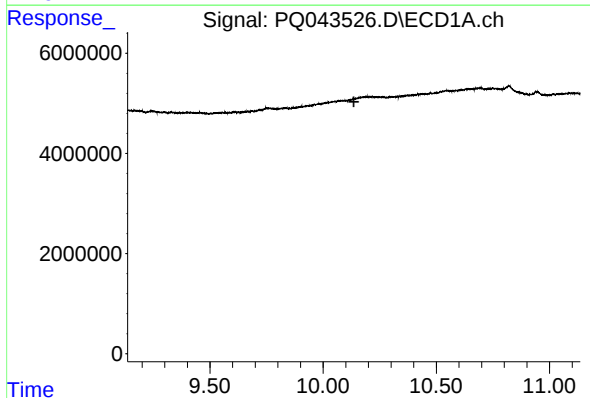
R.T.: 9.608 min
Delta R.T.: 0.061 min
Response: 559250
Conc: 1.77 ng/ml

Instrument :
ECD_S
ClientSampleId :



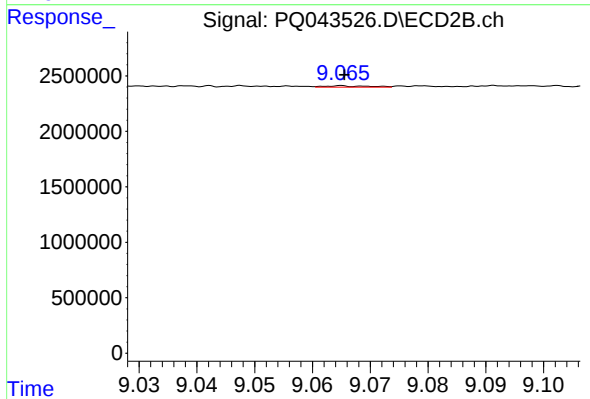
#36 AR-1262-1

R.T.: 8.515 min
Delta R.T.: -0.028 min
Response: 37978
Conc: 0.27 ng/ml



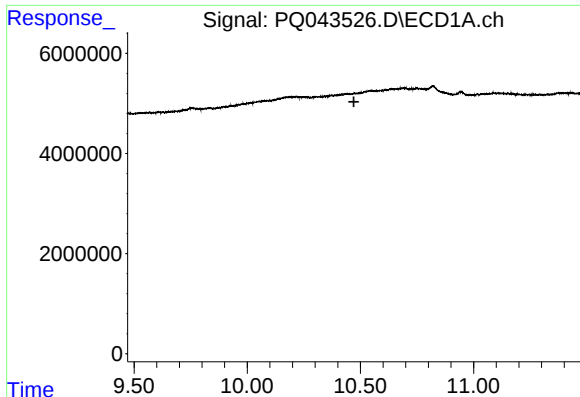
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 10.136 min
Response: 0
Conc: N.D.



#37 AR-1262-2

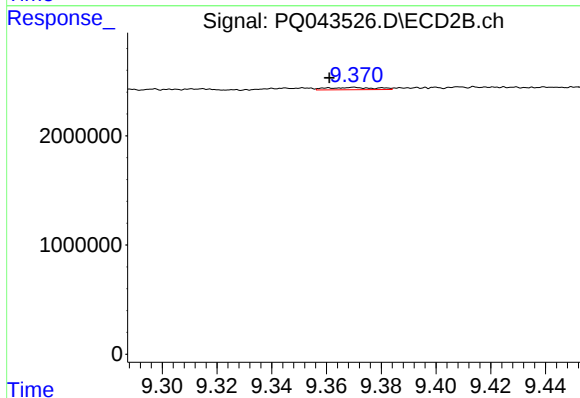
R.T.: 9.065 min
Delta R.T.: 0.000 min
Response: 64826
Conc: 0.25 ng/ml



#38 AR-1262-3

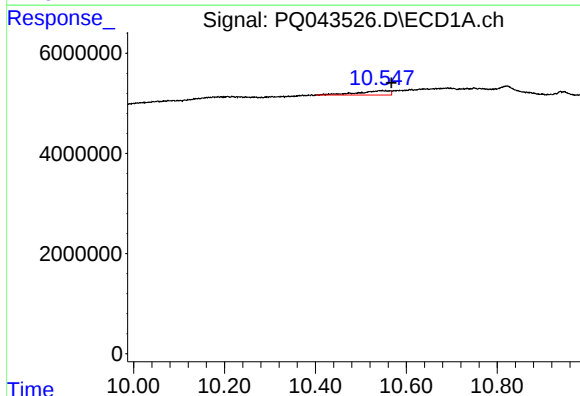
R.T.: 0.000 min
Exp R.T.: 10.471 min
Response: 0
Conc: N.D.

Instrument :
ECD_S
ClientSampleId :



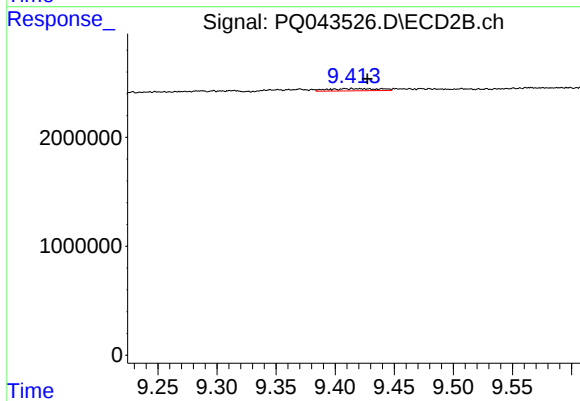
#38 AR-1262-3

R.T.: 9.370 min
Delta R.T.: 0.009 min
Response: 258629
Conc: 2.20 ng/ml



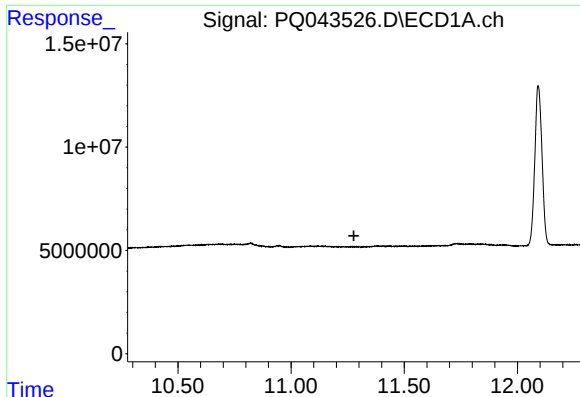
#39 AR-1262-4

R.T.: 10.545 min
Delta R.T.: -0.022 min
Response: 4213582
Conc: 11.69 ng/ml



#39 AR-1262-4

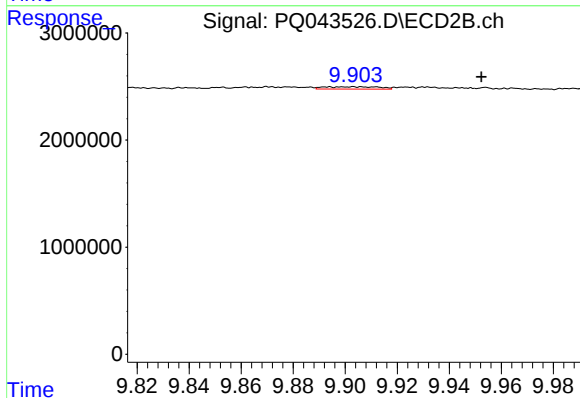
R.T.: 9.414 min
Delta R.T.: -0.013 min
Response: 587128
Conc: 2.47 ng/ml



#40 AR-1262-5

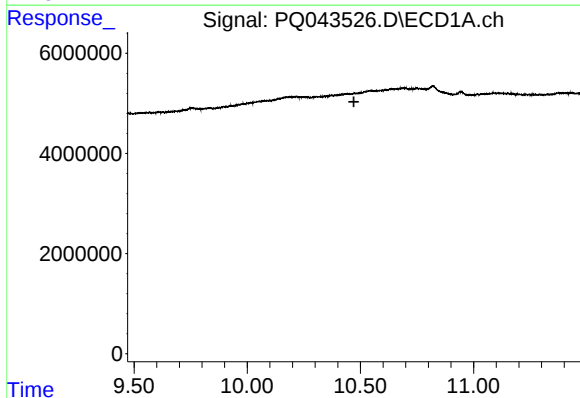
R.T.: 0.000 min
Exp R.T. : 11.277 min
Response: 0
Conc: N.D.

Instrument :
ECD_S
ClientSampleId :



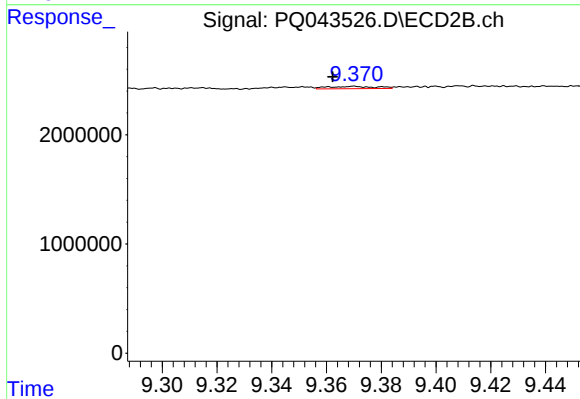
#40 AR-1262-5

R.T.: 9.904 min
Delta R.T.: -0.049 min
Response: 322182
Conc: 2.20 ng/ml



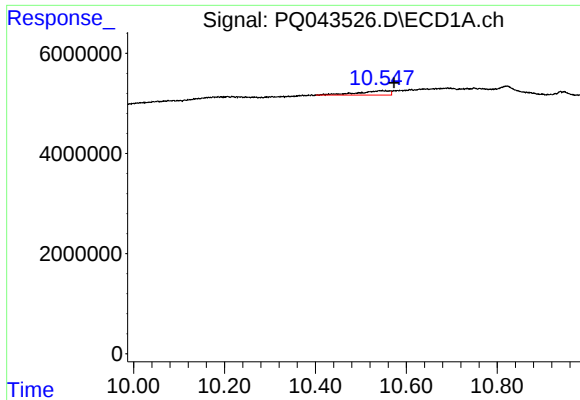
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 10.471 min
Response: 0
Conc: N.D.



#41 AR-1268-1

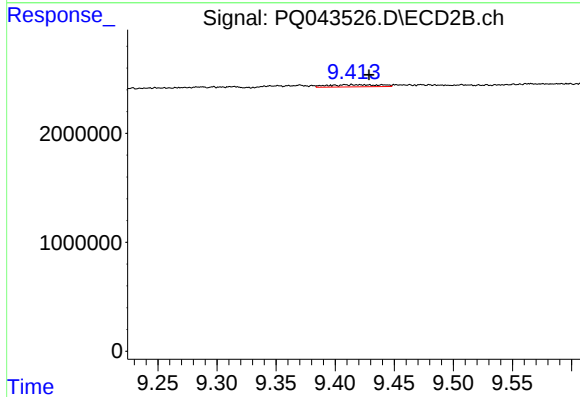
R.T.: 9.370 min
Delta R.T.: 0.008 min
Response: 258629
Conc: 0.80 ng/ml



#42 AR-1268-2

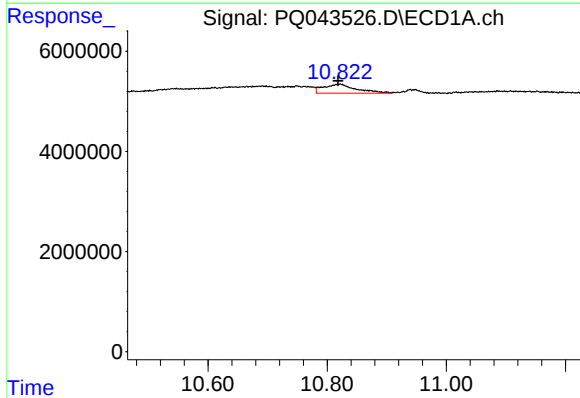
R.T.: 10.545 min
Delta R.T.: -0.028 min
Response: 4213582
Conc: 5.47 ng/ml

Instrument :
ECD_S
ClientSampleId :



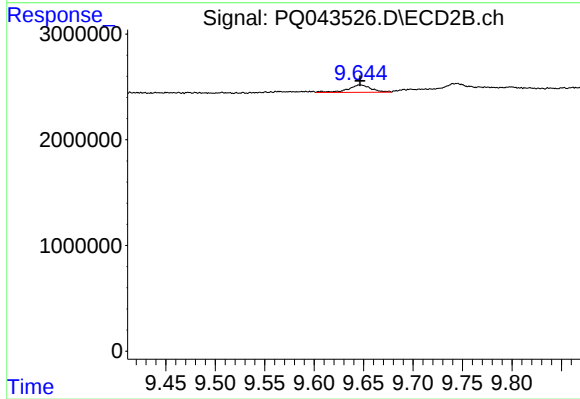
#42 AR-1268-2

R.T.: 9.414 min
Delta R.T.: -0.014 min
Response: 587128
Conc: 1.88 ng/ml



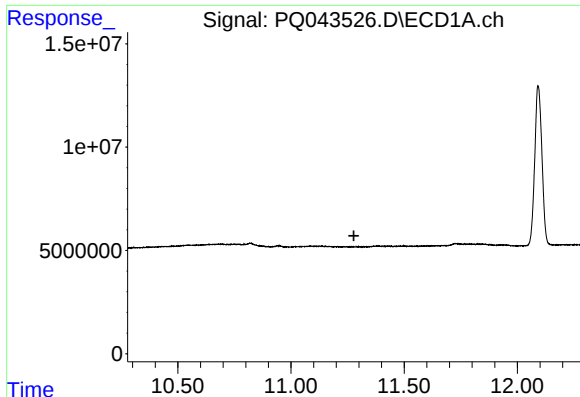
#43 AR-1268-3

R.T.: 10.821 min
Delta R.T.: 0.003 min
Response: 6879887
Conc: 10.43 ng/ml



#43 AR-1268-3

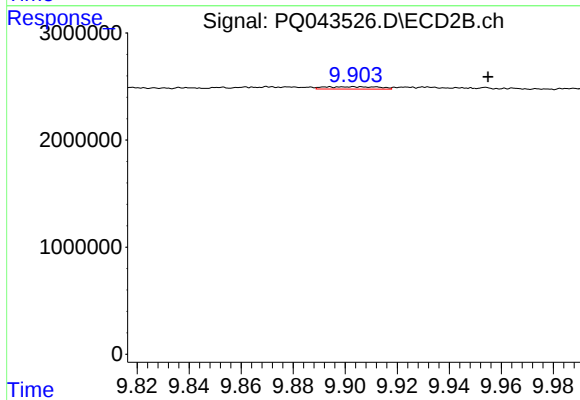
R.T.: 9.647 min
Delta R.T.: 0.000 min
Response: 1165444
Conc: 4.12 ng/ml



#44 AR-1268-4

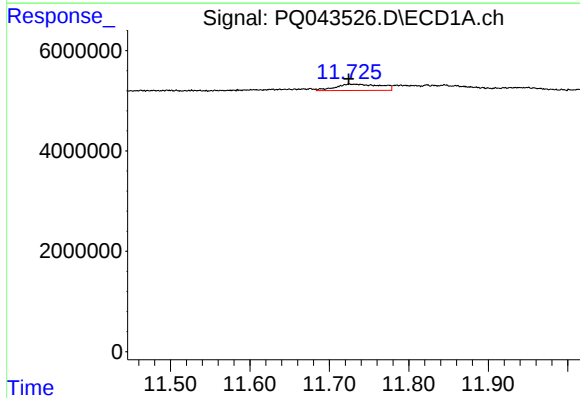
R.T.: 0.000 min
Exp R.T.: 11.278 min
Response: 0
Conc: N.D.

Instrument :
ECD_S
ClientSampleId :



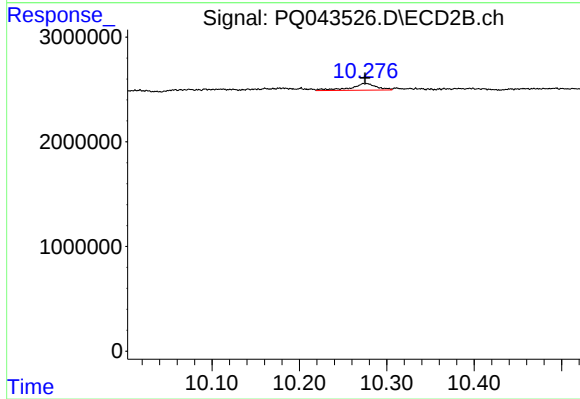
#44 AR-1268-4

R.T.: 9.904 min
Delta R.T.: -0.051 min
Response: 322182
Conc: 2.04 ng/ml



#45 AR-1268-5

R.T.: 11.728 min
Delta R.T.: 0.004 min
Response: 5002972
Conc: 1.88 ng/ml



#45 AR-1268-5

R.T.: 10.277 min
Delta R.T.: 0.002 min
Response: 1353984
Conc: 1.11 ng/ml