

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112619\
 Data File : PQ045467.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Nov 2019 02:55
 Operator : SM\AJ
 Sample : K6059-18
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 27 04:42:41 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112519CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 26 06:05:49 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	5.103	4.313	70272824	41560141	21.363	24.366
2)	SA Decachlor...	11.149	9.713	246.2E6	205.9E6	37.737	39.357
Target Compounds							
3)	L1 AR-1016-1	6.439	0.000	789324	0	6.413	N.D. #
4)	L1 AR-1016-2	6.439	0.000	789324	0	4.044	N.D. #
5)	L1 AR-1016-3	6.523	5.859	127519	1497649	1.050	28.224 #
6)	L1 AR-1016-4	6.556	5.859	176901	1497649	1.830	32.038 #
7)	L1 AR-1016-5	6.919	0.000	236639	0	2.329	N.D. #
8)	L2 AR-1221-1	5.397	0.000	115571	0	3.251	N.D. #
9)	L2 AR-1221-2	5.452	0.000	1447484	0	54.552	N.D. #
10)	L2 AR-1221-3	5.519	0.000	138873	0	1.538	N.D. #
11)	L3 AR-1232-1	5.519	0.000	138873	0	2.185	N.D. #
12)	L3 AR-1232-2	6.124	0.000	347507	0	8.687	N.D. #
13)	L3 AR-1232-3	6.439	5.859	789324	1497649	9.800	67.626 #
14)	L3 AR-1232-4	6.556	5.905	176901	1083572	4.476	48.018 #
15)	L3 AR-1232-5	6.699	0.000	336392	0	10.076	N.D. #
16)	L4 AR-1242-1	6.439	0.000	789324	0	7.633	N.D. #
17)	L4 AR-1242-2	6.439	0.000	789324	0	4.839	N.D. #
18)	L4 AR-1242-3	6.523	5.859	127519	1497649	1.247	33.236 #
19)	L4 AR-1242-4	6.556	5.905	176901	1083572	2.201	22.324 #
20)	L4 AR-1242-5	7.354	0.000	3454431	0	36.811	N.D. #
21)	L5 AR-1248-1	6.439	0.000	789324	0	9.741	N.D. #
22)	L5 AR-1248-2	6.699	5.859	336392	1497649	2.647	22.218 #
23)	L5 AR-1248-3	6.919	5.905	236639	1083572	1.699	15.259 #
24)	L5 AR-1248-4	7.344	0.000	408759	0	2.517	N.D. #
25)	L5 AR-1248-5	7.354	0.000	3454431	0	22.052	N.D. #
26)	L6 AR-1254-1	7.324	0.000	1360292	0	8.269	N.D. #
27)	L6 AR-1254-2	7.588	0.000	2386542	0	9.105	N.D. #
28)	L6 AR-1254-3	7.939	0.000	2629543	0	9.197	N.D. #
29)	L6 AR-1254-4	8.206	7.221	1209306	3759350	5.581	22.515 #
30)	L6 AR-1254-5	8.649	0.000	259208	0	1.053	N.D. #
31)	L7 AR-1260-1	8.121	7.221	1787049	3759350	8.365	24.559 #
32)	L7 AR-1260-2	8.302	7.375	1024217	1279175	4.203	6.404 #
33)	L7 AR-1260-3	8.729	0.000	261489	0	1.319	N.D. #
34)	L7 AR-1260-4	8.993	0.000	219391	0	0.960	N.D. #
35)	L7 AR-1260-5	9.273	8.269	460100	2565581	0.884	5.015 #
36)	L8 AR-1262-1	8.729	0.000	261489	0	1.891	N.D. #
37)	L8 AR-1262-2	9.273	8.269	460100	2565581	0.710	3.943 #
38)	L8 AR-1262-3	0.000	8.547	0	951840	N.D.	3.573 #
39)	L8 AR-1262-4	9.711	0.000	34024	0	0.093	N.D. #
41)	L9 AR-1268-1	0.000	8.547	0	951840	N.D.	1.185 #
42)	L9 AR-1268-2	9.711	0.000	34024	0	0.041	N.D. #

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 Integration File signal 2: autoint2.e
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 Quant Title : GC EXTRACTABLES
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	9.937	8.834	1309358	1472298	1.865	2.356 #
45) L9	AR-1268-5	10.802	9.446	1607029	1313646	0.597	0.544

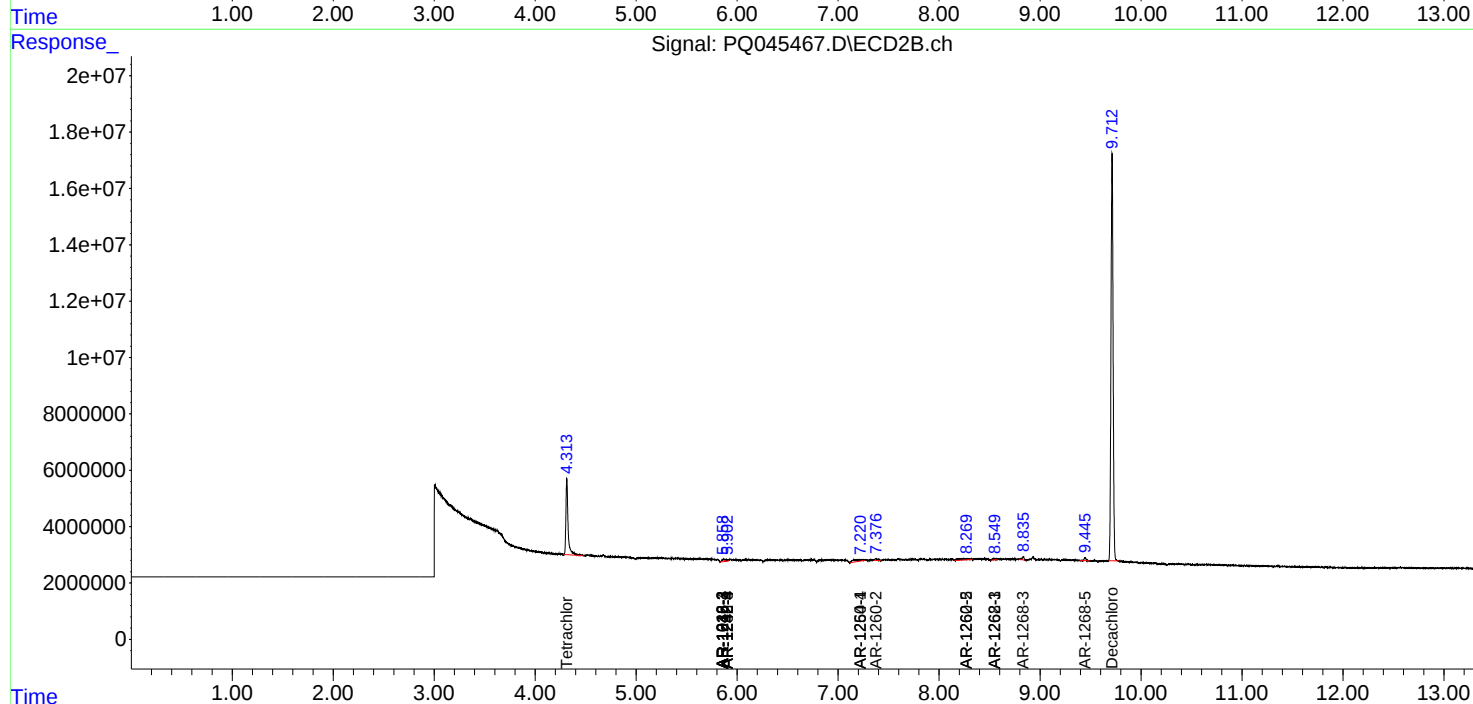
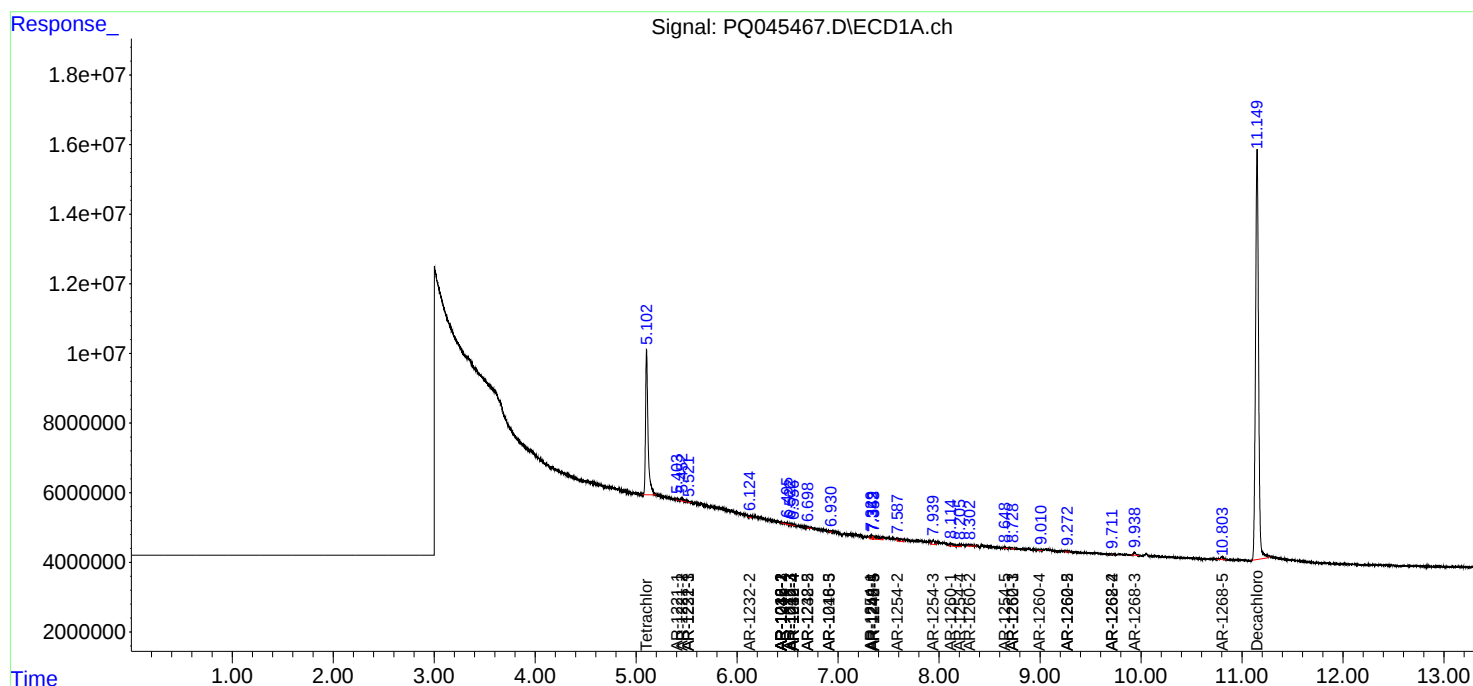
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

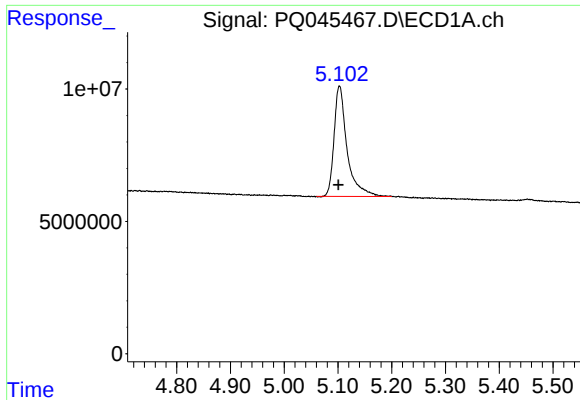
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

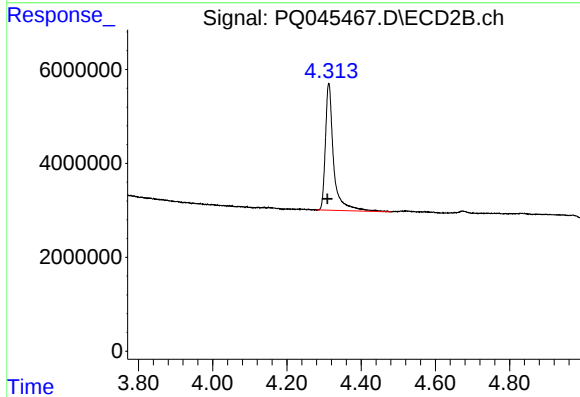




#1 Tetrachloro-m-xylene

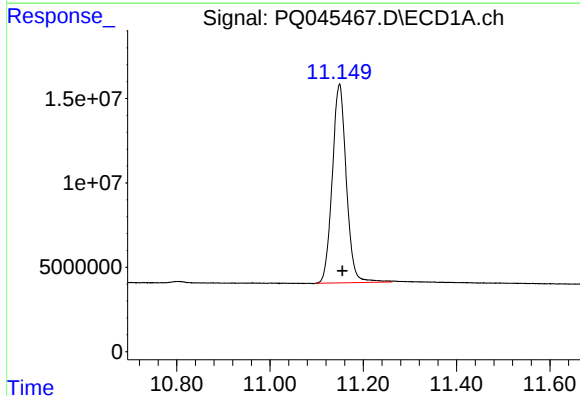
R.T.: 5.103 min
Delta R.T.: 0.002 min
Response: 70272824
Conc: 21.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



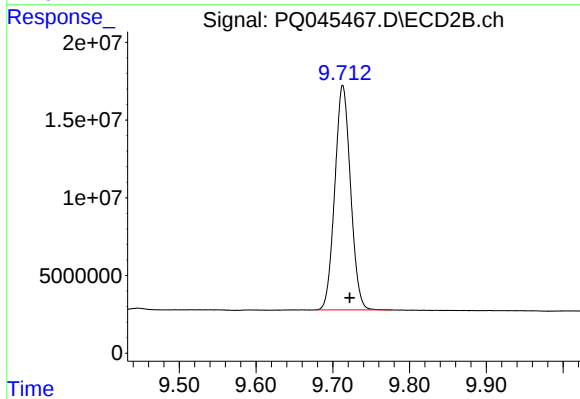
#1 Tetrachloro-m-xylene

R.T.: 4.313 min
Delta R.T.: 0.004 min
Response: 41560141
Conc: 24.37 ng/ml



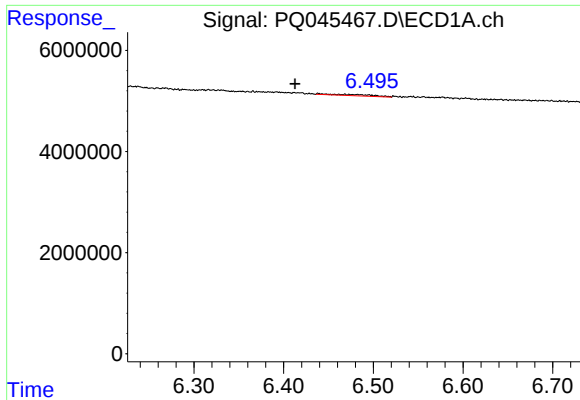
#2 Decachlorobiphenyl

R.T.: 11.149 min
Delta R.T.: -0.006 min
Response: 246244505
Conc: 37.74 ng/ml



#2 Decachlorobiphenyl

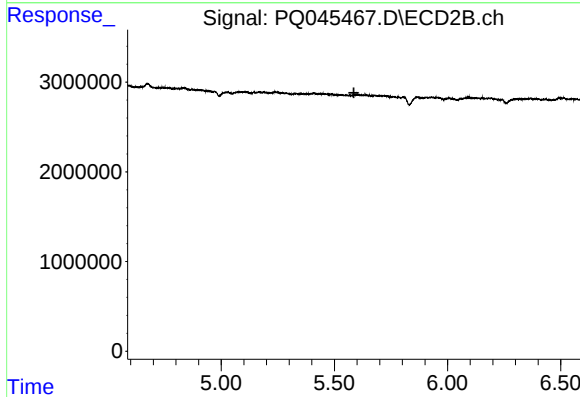
R.T.: 9.713 min
Delta R.T.: -0.009 min
Response: 205923128
Conc: 39.36 ng/ml



#3 AR-1016-1

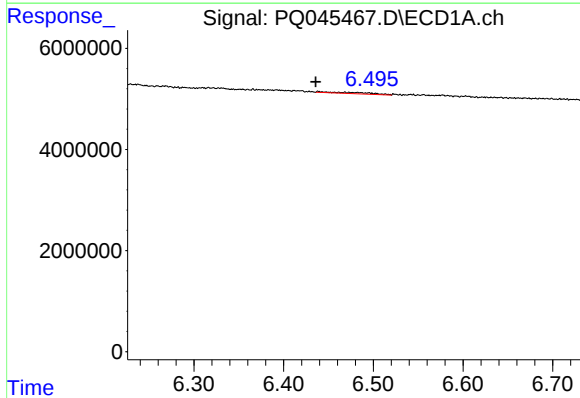
R.T.: 6.439 min
Delta R.T.: 0.026 min
Response: 789324
Conc: 6.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



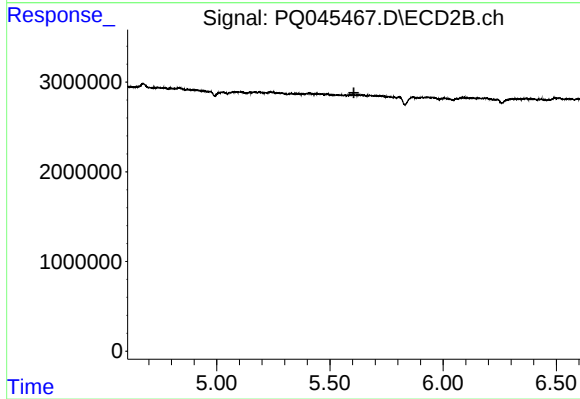
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.586 min
Response: 0
Conc: N.D.



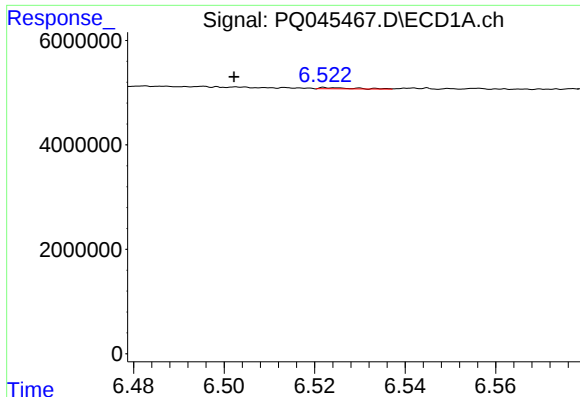
#4 AR-1016-2

R.T.: 6.439 min
Delta R.T.: 0.003 min
Response: 789324
Conc: 4.04 ng/ml



#4 AR-1016-2

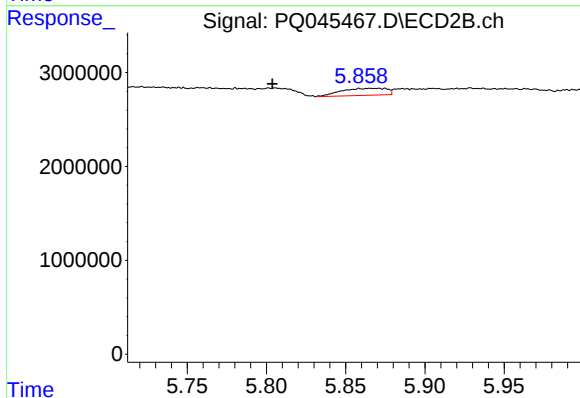
R.T.: 0.000 min
Exp R.T. : 5.606 min
Response: 0
Conc: N.D.



#5 AR-1016-3

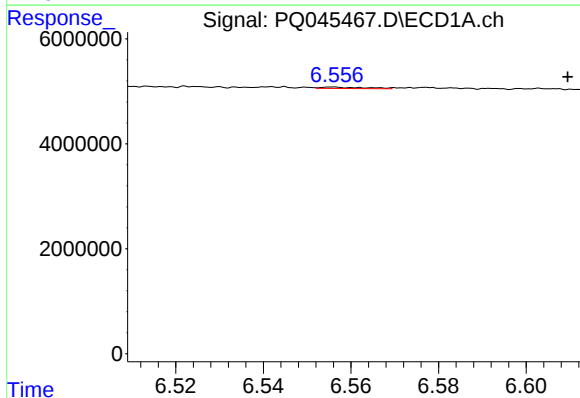
R.T.: 6.523 min
Delta R.T.: 0.021 min
Response: 127519
Conc: 1.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



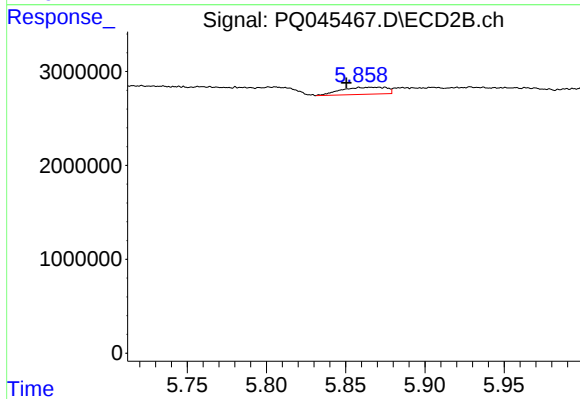
#5 AR-1016-3

R.T.: 5.859 min
Delta R.T.: 0.055 min
Response: 1497649
Conc: 28.22 ng/ml



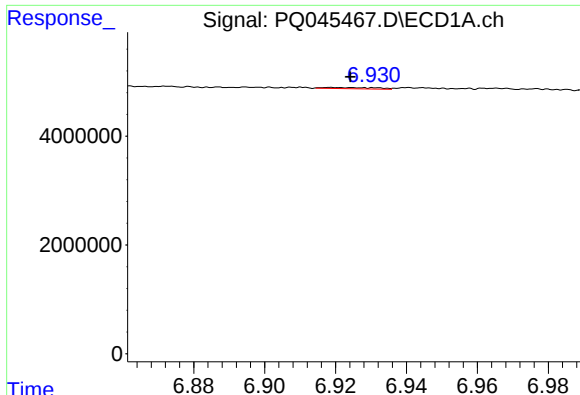
#6 AR-1016-4

R.T.: 6.556 min
Delta R.T.: -0.054 min
Response: 176901
Conc: 1.83 ng/ml



#6 AR-1016-4

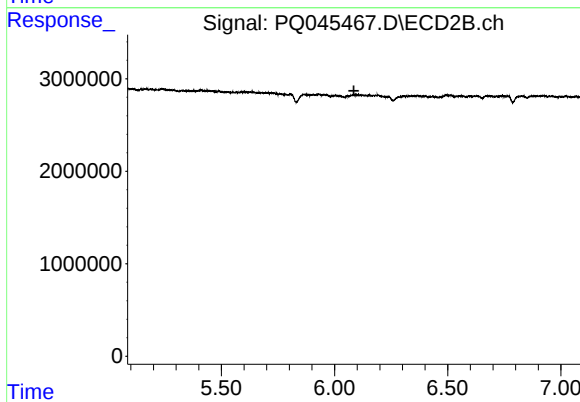
R.T.: 5.859 min
Delta R.T.: 0.008 min
Response: 1497649
Conc: 32.04 ng/ml



#7 AR-1016-5

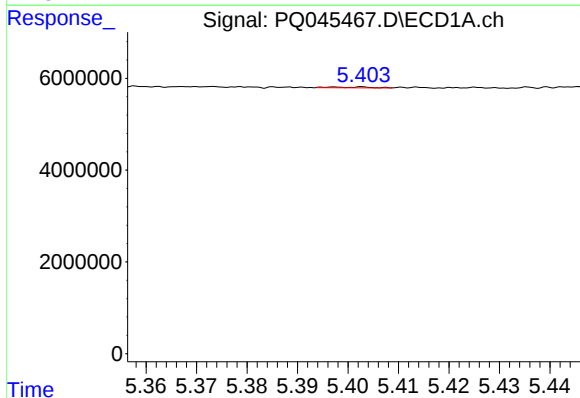
R.T.: 6.919 min
Delta R.T.: -0.005 min
Response: 236639
Conc: 2.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



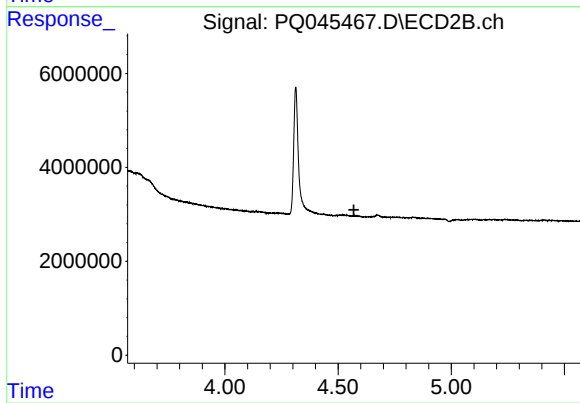
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 6.085 min
Response: 0
Conc: N.D.



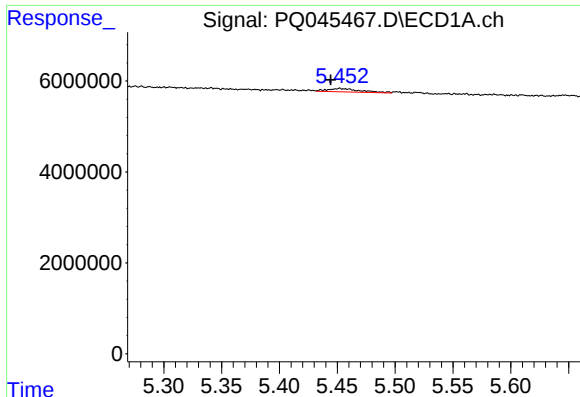
#8 AR-1221-1

R.T.: 5.397 min
Delta R.T.: 0.049 min
Response: 115571
Conc: 3.25 ng/ml



#8 AR-1221-1

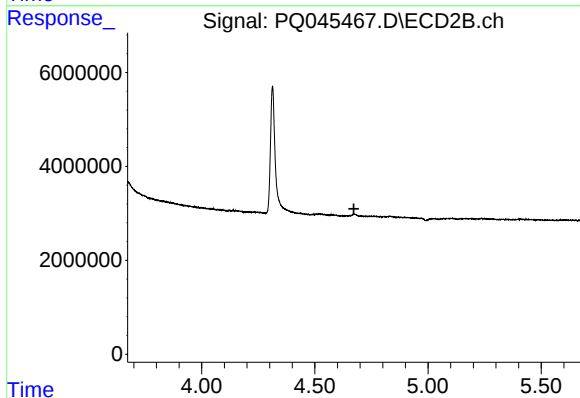
R.T.: 0.000 min
Exp R.T. : 4.570 min
Response: 0
Conc: N.D.



#9 AR-1221-2

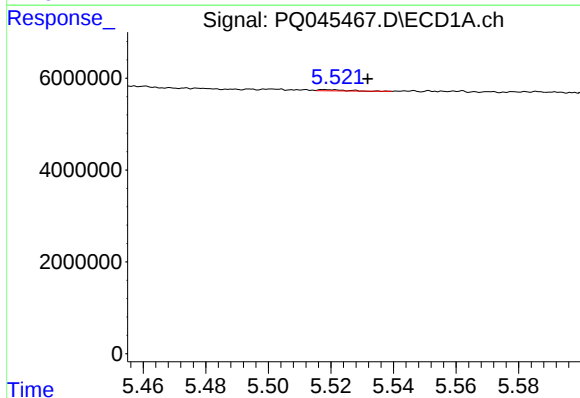
R.T.: 5.452 min
Delta R.T.: 0.008 min
Response: 1447484
Conc: 54.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



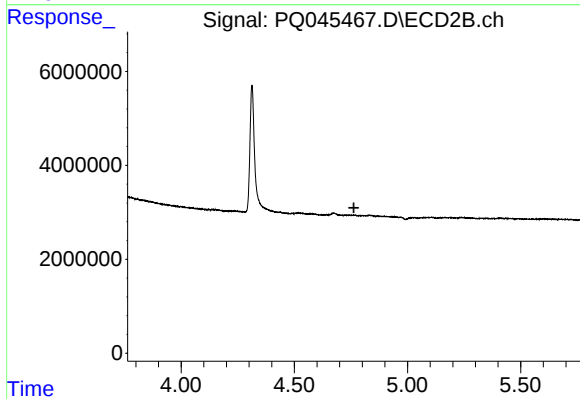
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.672 min
Response: 0
Conc: N.D.



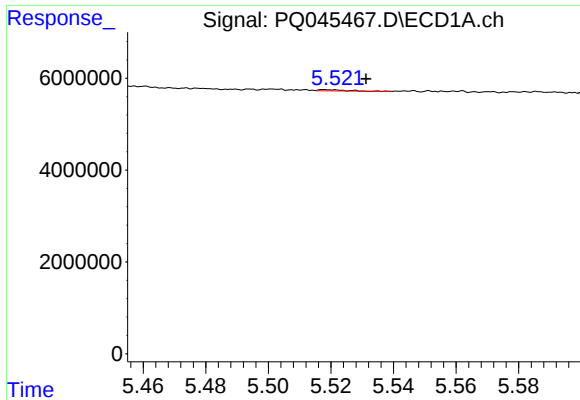
#10 AR-1221-3

R.T.: 5.519 min
Delta R.T.: -0.013 min
Response: 138873
Conc: 1.54 ng/ml



#10 AR-1221-3

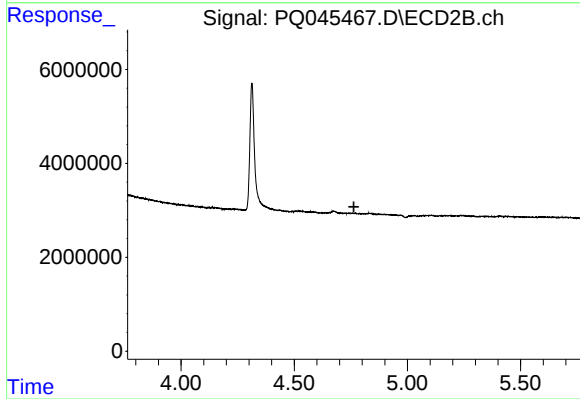
R.T.: 0.000 min
Exp R.T. : 4.763 min
Response: 0
Conc: N.D.



#11 AR-1232-1

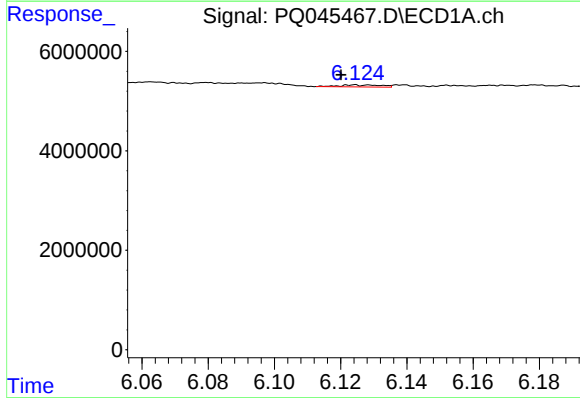
R.T.: 5.519 min
Delta R.T.: -0.013 min
Response: 138873
Conc: 2.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



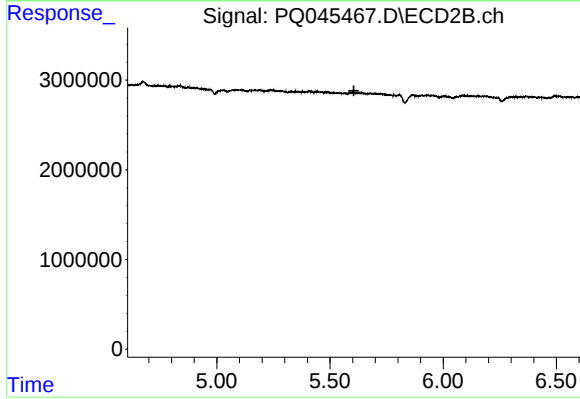
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.763 min
Response: 0
Conc: N.D.



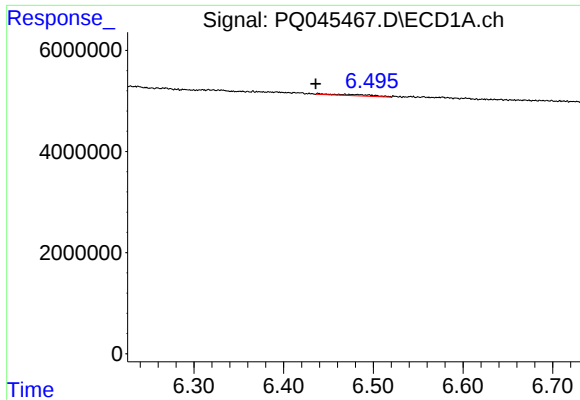
#12 AR-1232-2

R.T.: 6.124 min
Delta R.T.: 0.004 min
Response: 347507
Conc: 8.69 ng/ml



#12 AR-1232-2

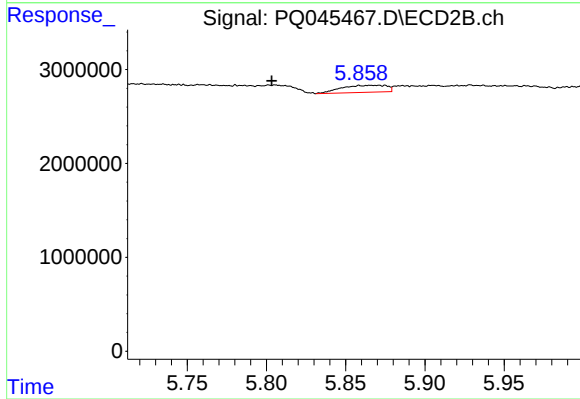
R.T.: 0.000 min
Exp R.T. : 5.606 min
Response: 0
Conc: N.D.



#13 AR-1232-3

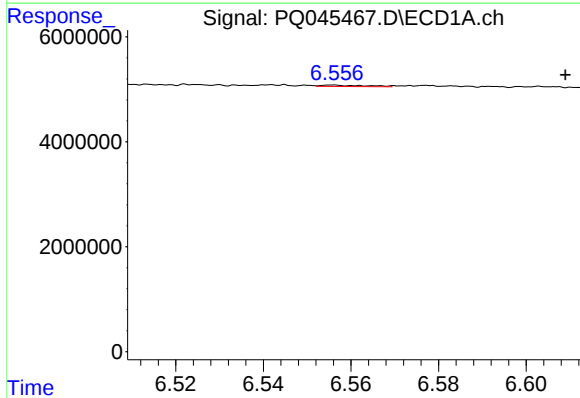
R.T.: 6.439 min
Delta R.T.: 0.003 min
Response: 789324
Conc: 9.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



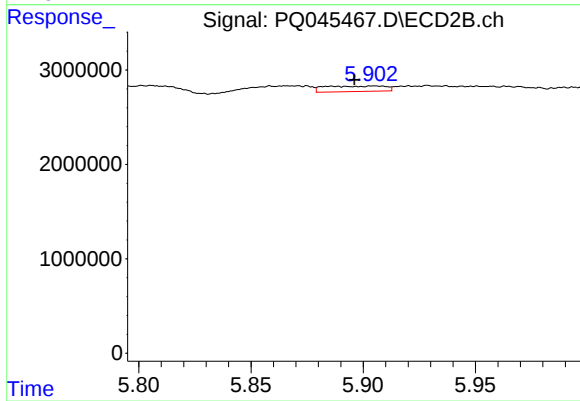
#13 AR-1232-3

R.T.: 5.859 min
Delta R.T.: 0.056 min
Response: 1497649
Conc: 67.63 ng/ml



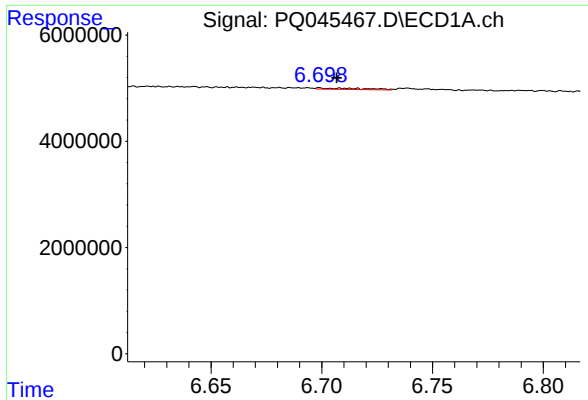
#14 AR-1232-4

R.T.: 6.556 min
Delta R.T.: -0.053 min
Response: 176901
Conc: 4.48 ng/ml



#14 AR-1232-4

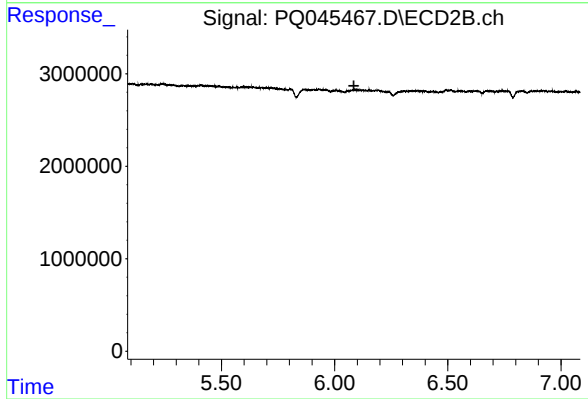
R.T.: 5.905 min
Delta R.T.: 0.009 min
Response: 1083572
Conc: 48.02 ng/ml



#15 AR-1232-5

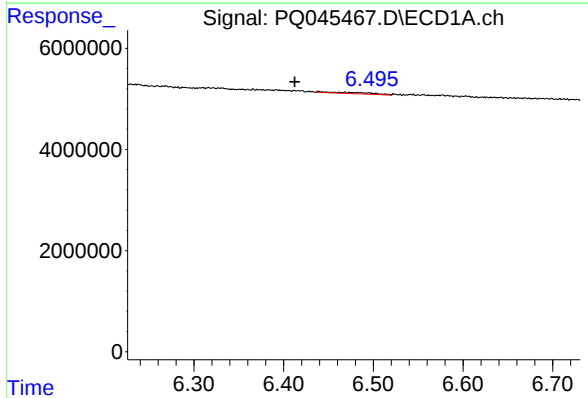
R.T.: 6.699 min
Delta R.T.: -0.008 min
Response: 336392
Conc: 10.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



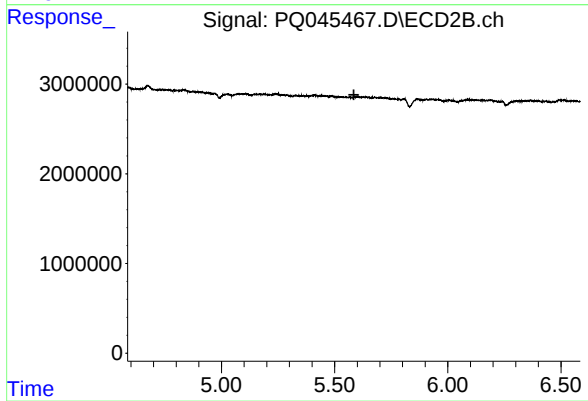
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.085 min
Response: 0
Conc: N.D.



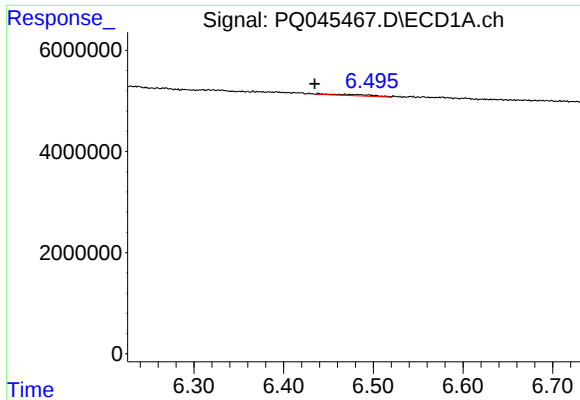
#16 AR-1242-1

R.T.: 6.439 min
Delta R.T.: 0.026 min
Response: 789324
Conc: 7.63 ng/ml



#16 AR-1242-1

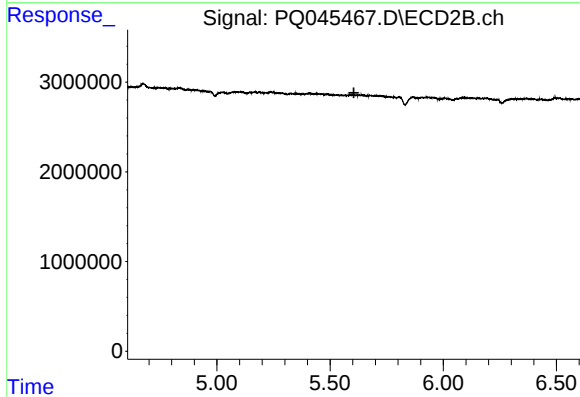
R.T.: 0.000 min
Exp R.T. : 5.585 min
Response: 0
Conc: N.D.



#17 AR-1242-2

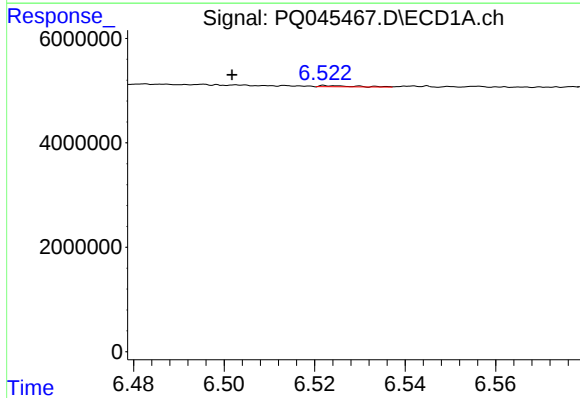
R.T.: 6.439 min
Delta R.T.: 0.004 min
Response: 789324
Conc: 4.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



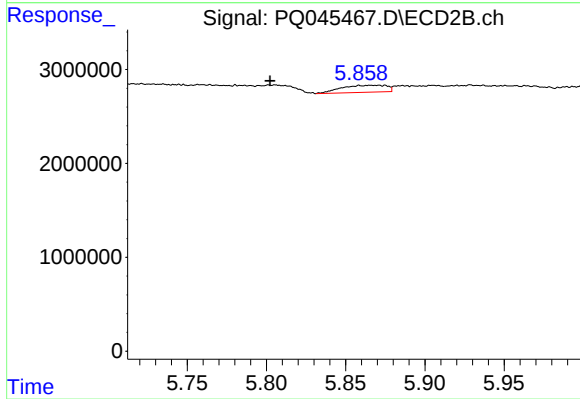
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.605 min
Response: 0
Conc: N.D.



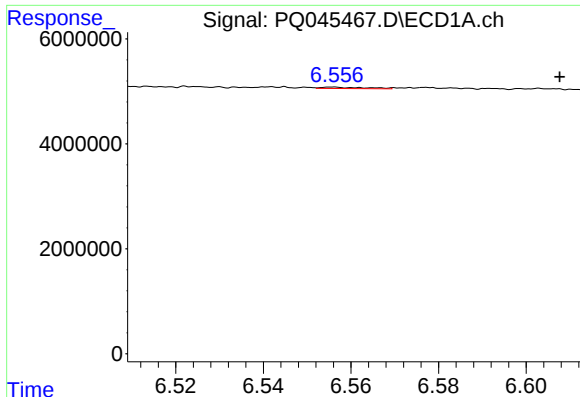
#18 AR-1242-3

R.T.: 6.523 min
Delta R.T.: 0.022 min
Response: 127519
Conc: 1.25 ng/ml



#18 AR-1242-3

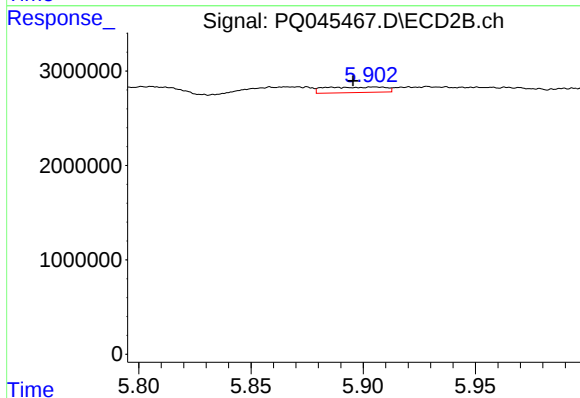
R.T.: 5.859 min
Delta R.T.: 0.057 min
Response: 1497649
Conc: 33.24 ng/ml



#19 AR-1242-4

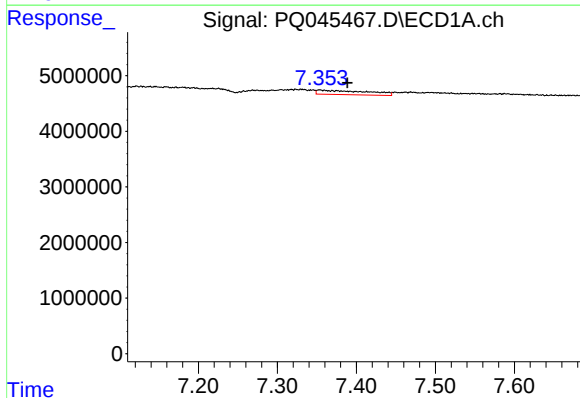
R.T.: 6.556 min
Delta R.T.: -0.052 min
Response: 176901
Conc: 2.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



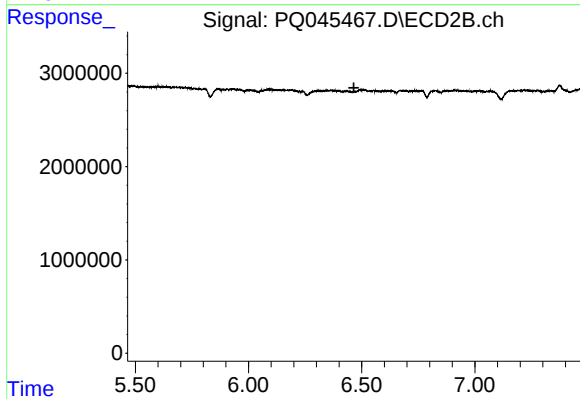
#19 AR-1242-4

R.T.: 5.905 min
Delta R.T.: 0.009 min
Response: 1083572
Conc: 22.32 ng/ml



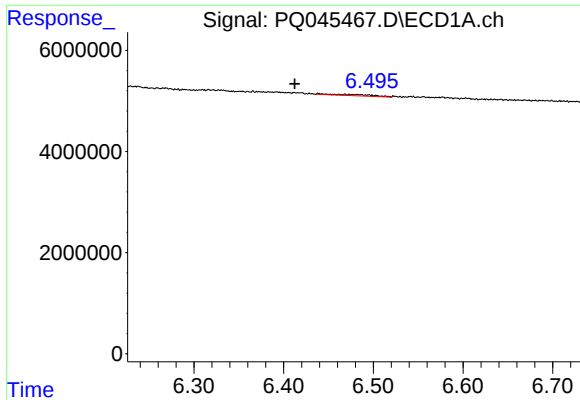
#20 AR-1242-5

R.T.: 7.354 min
Delta R.T.: -0.035 min
Response: 3454431
Conc: 36.81 ng/ml



#20 AR-1242-5

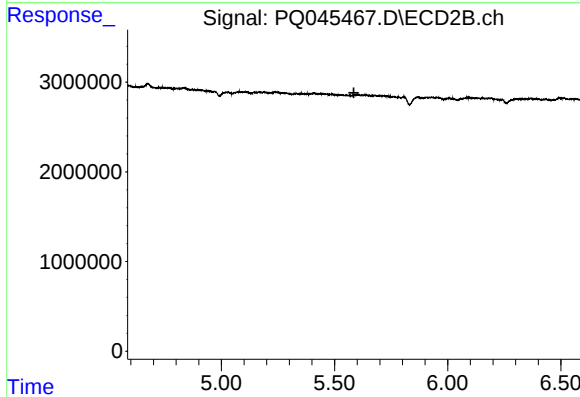
R.T.: 0.000 min
Exp R.T.: 6.465 min
Response: 0
Conc: N.D.



#21 AR-1248-1

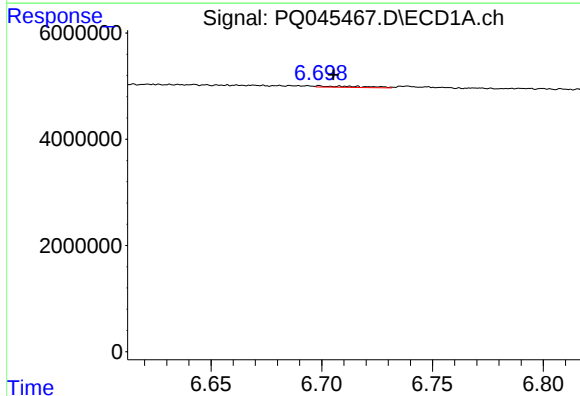
R.T.: 6.439 min
Delta R.T.: 0.026 min
Response: 789324
Conc: 9.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



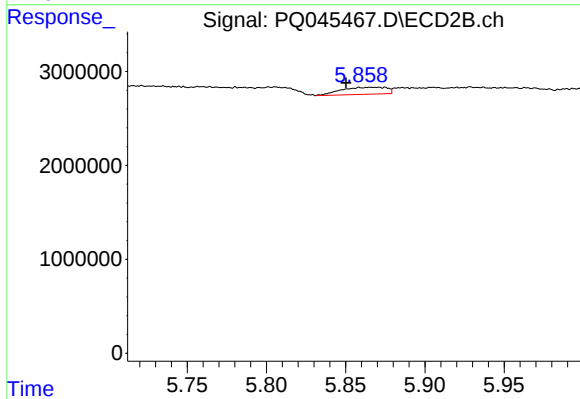
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.585 min
Response: 0
Conc: N.D.



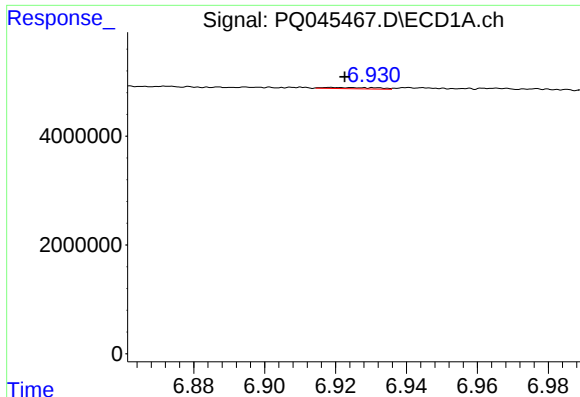
#22 AR-1248-2

R.T.: 6.699 min
Delta R.T.: -0.006 min
Response: 336392
Conc: 2.65 ng/ml



#22 AR-1248-2

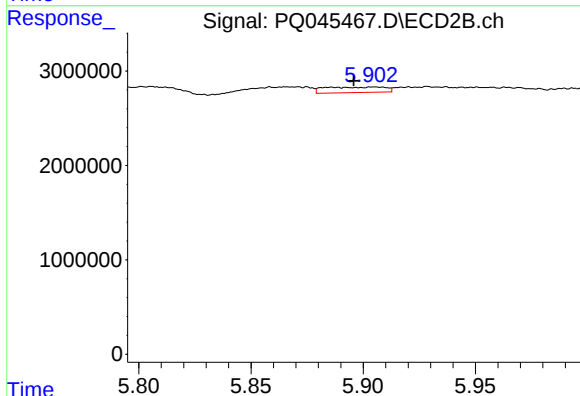
R.T.: 5.859 min
Delta R.T.: 0.009 min
Response: 1497649
Conc: 22.22 ng/ml



#23 AR-1248-3

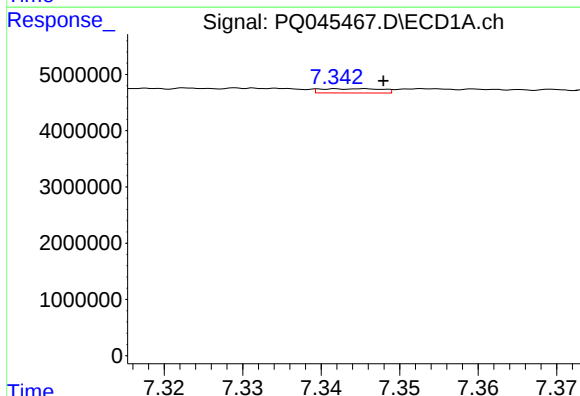
R.T.: 6.919 min
Delta R.T.: -0.004 min
Response: 236639
Conc: 1.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



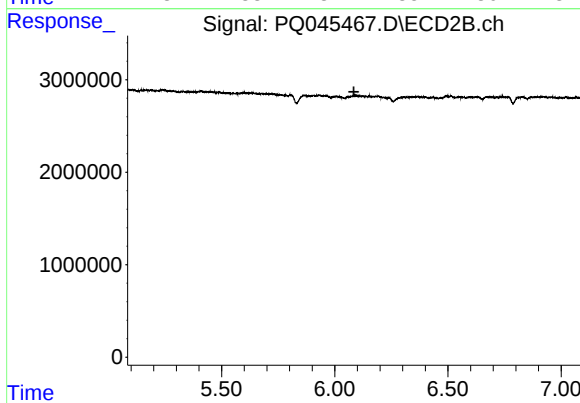
#23 AR-1248-3

R.T.: 5.905 min
Delta R.T.: 0.009 min
Response: 1083572
Conc: 15.26 ng/ml



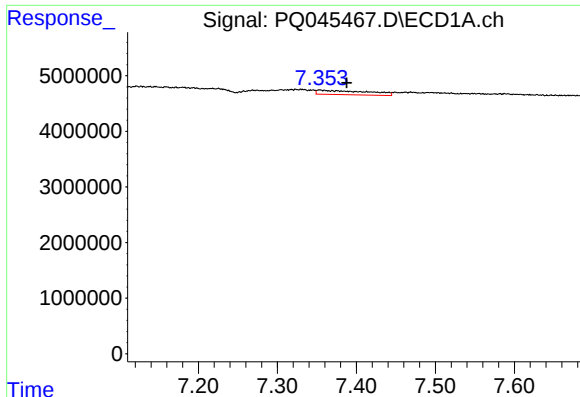
#24 AR-1248-4

R.T.: 7.344 min
Delta R.T.: -0.003 min
Response: 408759
Conc: 2.52 ng/ml



#24 AR-1248-4

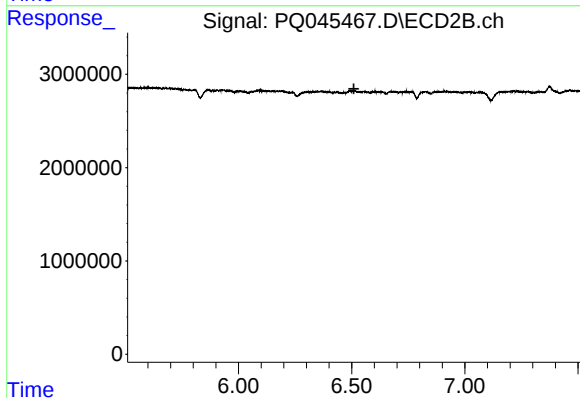
R.T.: 0.000 min
Exp R.T.: 6.084 min
Response: 0
Conc: N.D.



#25 AR-1248-5

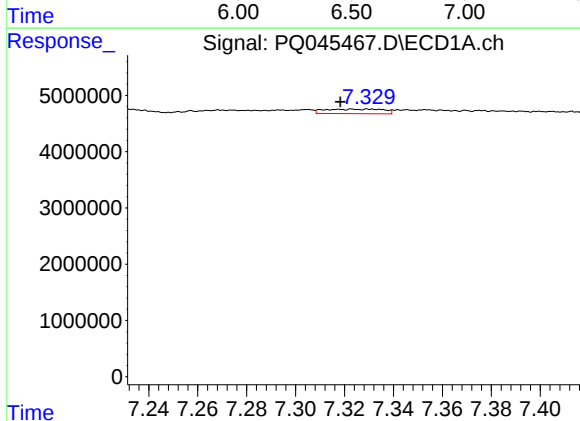
R.T.: 7.354 min
Delta R.T.: -0.034 min
Response: 3454431
Conc: 22.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



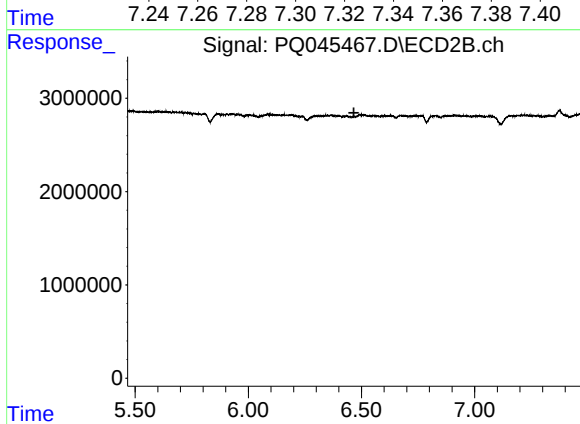
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.510 min
Response: 0
Conc: N.D.



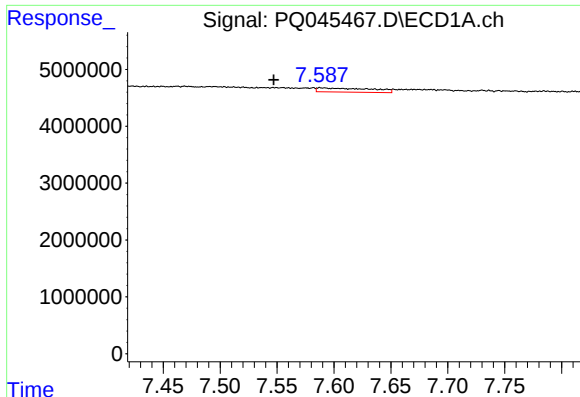
#26 AR-1254-1

R.T.: 7.324 min
Delta R.T.: 0.005 min
Response: 1360292
Conc: 8.27 ng/ml



#26 AR-1254-1

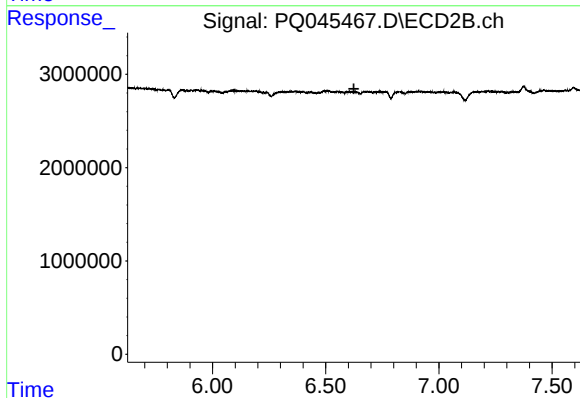
R.T.: 0.000 min
Exp R.T. : 6.466 min
Response: 0
Conc: N.D.



#27 AR-1254-2

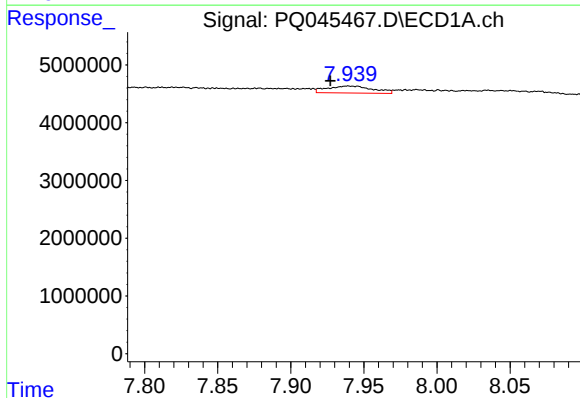
R.T.: 7.588 min
Delta R.T.: 0.041 min
Response: 2386542
Conc: 9.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



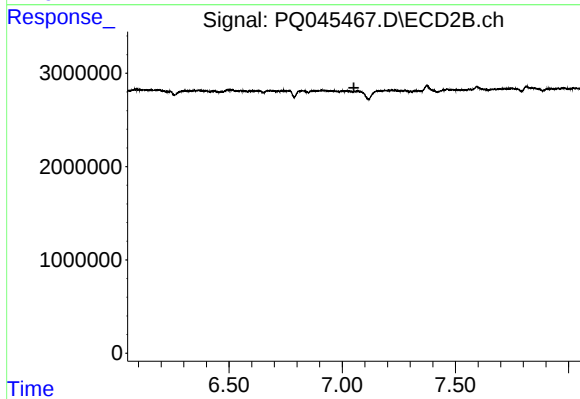
#27 AR-1254-2

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



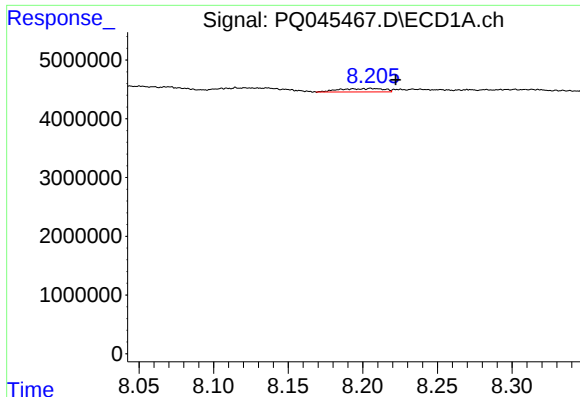
#28 AR-1254-3

R.T.: 7.939 min
Delta R.T.: 0.012 min
Response: 2629543
Conc: 9.20 ng/ml



#28 AR-1254-3

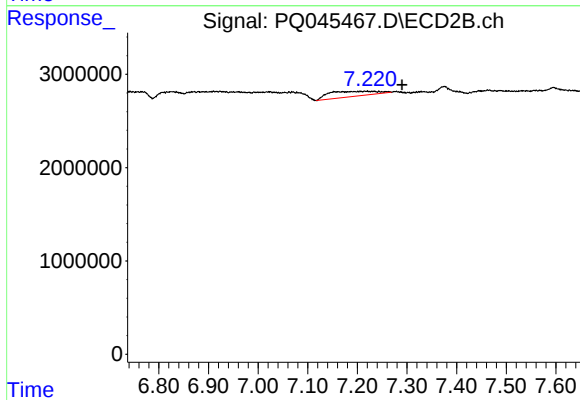
R.T.: 0.000 min
Exp R.T. : 7.051 min
Response: 0
Conc: N.D.



#29 AR-1254-4

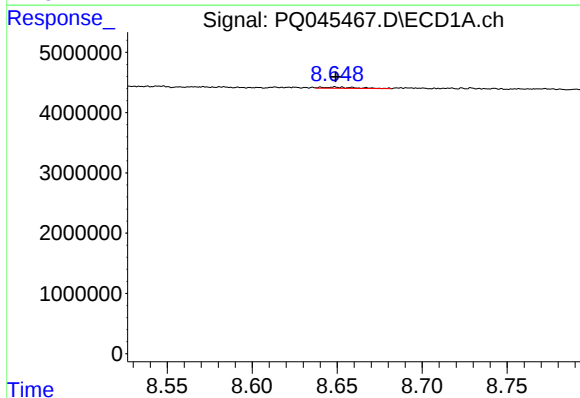
R.T.: 8.206 min
Delta R.T.: -0.016 min
Response: 1209306
Conc: 5.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



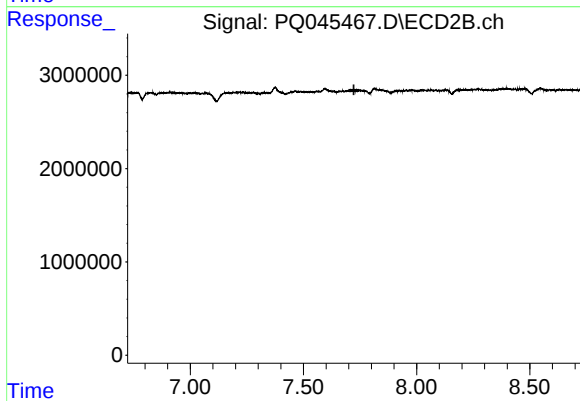
#29 AR-1254-4

R.T.: 7.221 min
Delta R.T.: -0.070 min
Response: 3759350
Conc: 22.51 ng/ml



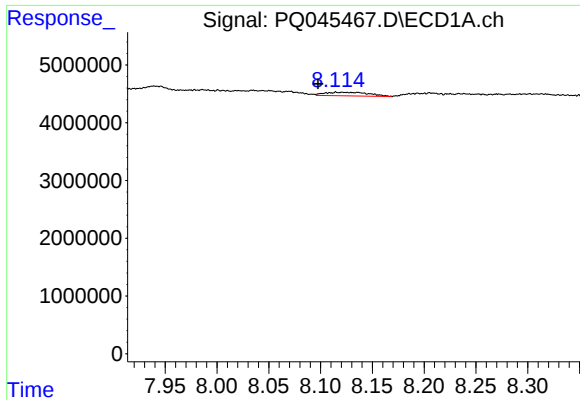
#30 AR-1254-5

R.T.: 8.649 min
Delta R.T.: 0.000 min
Response: 259208
Conc: 1.05 ng/ml



#30 AR-1254-5

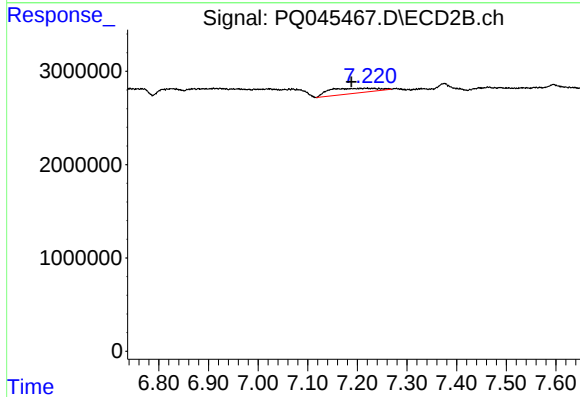
R.T.: 0.000 min
Exp R.T.: 7.723 min
Response: 0
Conc: N.D.



#31 AR-1260-1

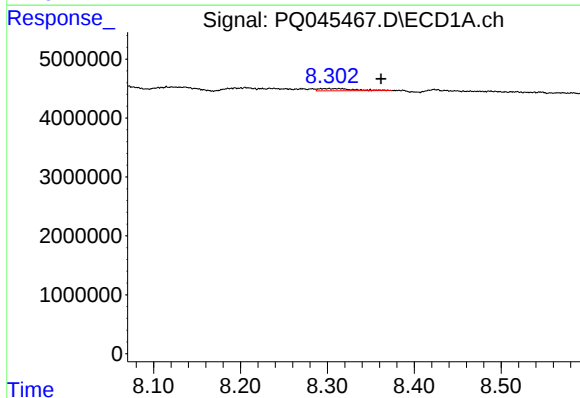
R.T.: 8.121 min
Delta R.T.: 0.024 min
Response: 1787049
Conc: 8.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



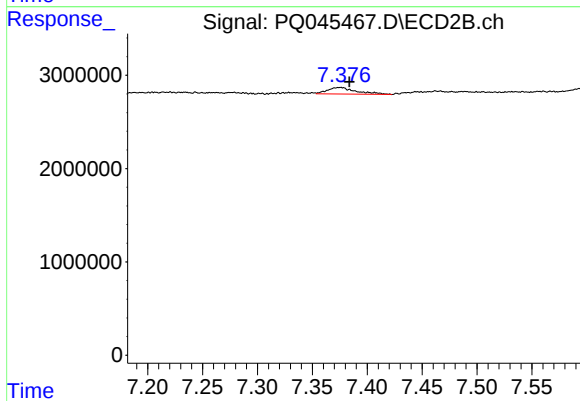
#31 AR-1260-1

R.T.: 7.221 min
Delta R.T.: 0.032 min
Response: 3759350
Conc: 24.56 ng/ml



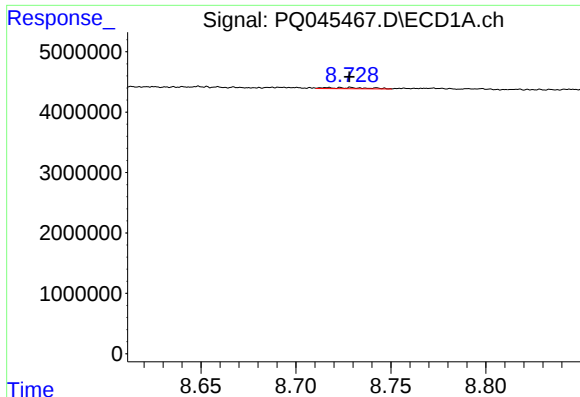
#32 AR-1260-2

R.T.: 8.302 min
Delta R.T.: -0.060 min
Response: 1024217
Conc: 4.20 ng/ml



#32 AR-1260-2

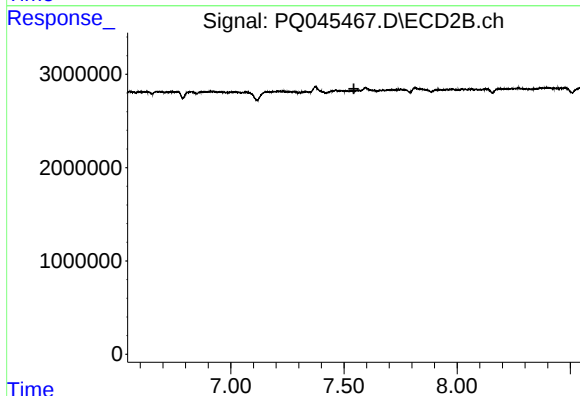
R.T.: 7.375 min
Delta R.T.: -0.008 min
Response: 1279175
Conc: 6.40 ng/ml



#33 AR-1260-3

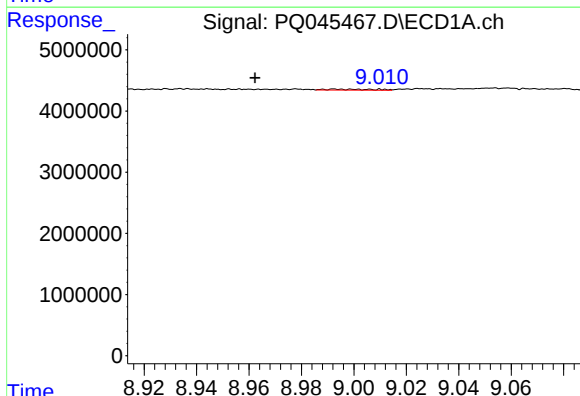
R.T.: 8.729 min
Delta R.T.: 0.001 min
Response: 261489
Conc: 1.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



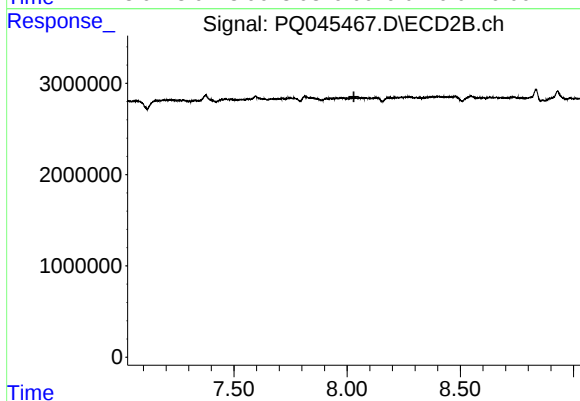
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.544 min
Response: 0
Conc: N.D.



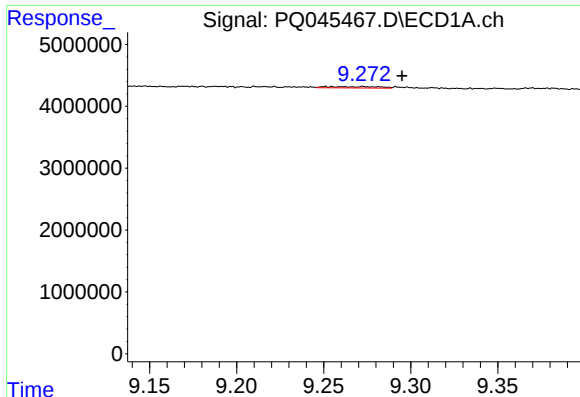
#34 AR-1260-4

R.T.: 8.993 min
Delta R.T.: 0.031 min
Response: 219391
Conc: 0.96 ng/ml



#34 AR-1260-4

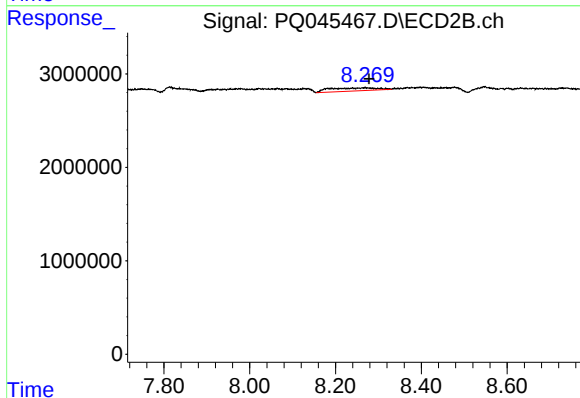
R.T.: 0.000 min
Exp R.T. : 8.030 min
Response: 0
Conc: N.D.



#35 AR-1260-5

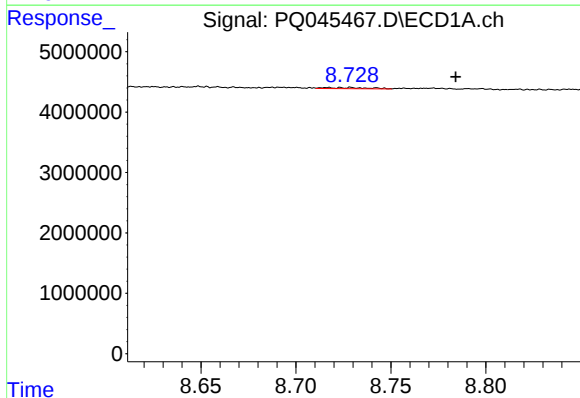
R.T.: 9.273 min
Delta R.T.: -0.022 min
Response: 460100
Conc: 0.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



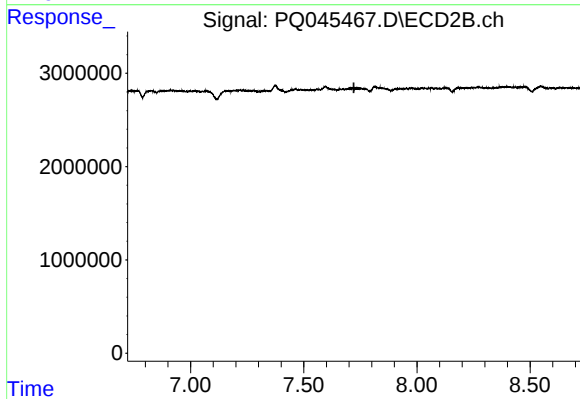
#35 AR-1260-5

R.T.: 8.269 min
Delta R.T.: -0.009 min
Response: 2565581
Conc: 5.01 ng/ml



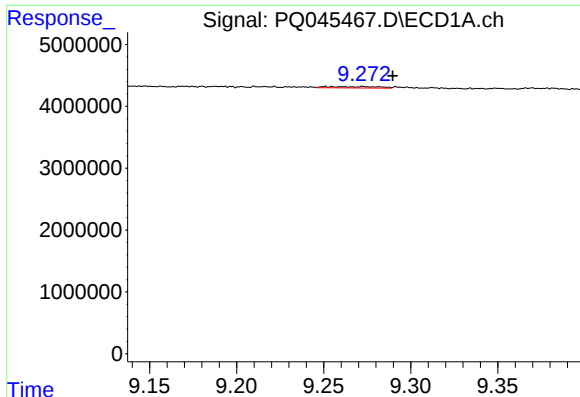
#36 AR-1262-1

R.T.: 8.729 min
Delta R.T.: -0.055 min
Response: 261489
Conc: 1.89 ng/ml



#36 AR-1262-1

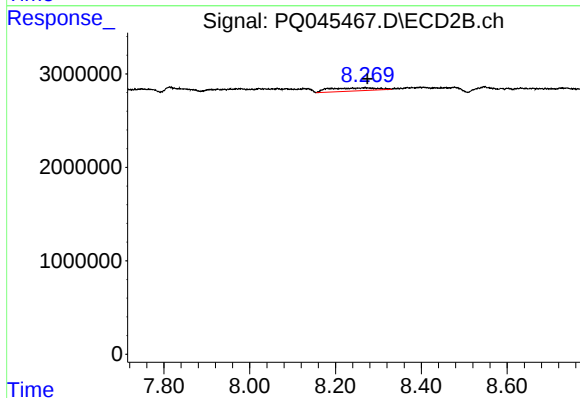
R.T.: 0.000 min
Exp R.T.: 7.722 min
Response: 0
Conc: N.D.



#37 AR-1262-2

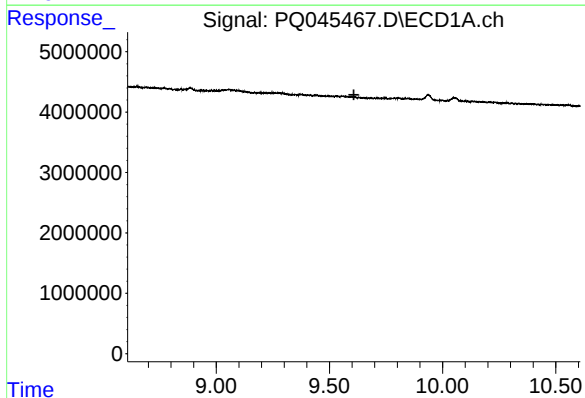
R.T.: 9.273 min
Delta R.T.: -0.017 min
Response: 460100
Conc: 0.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



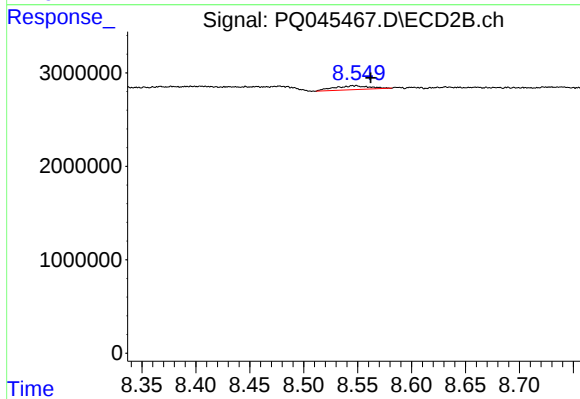
#37 AR-1262-2

R.T.: 8.269 min
Delta R.T.: -0.005 min
Response: 2565581
Conc: 3.94 ng/ml



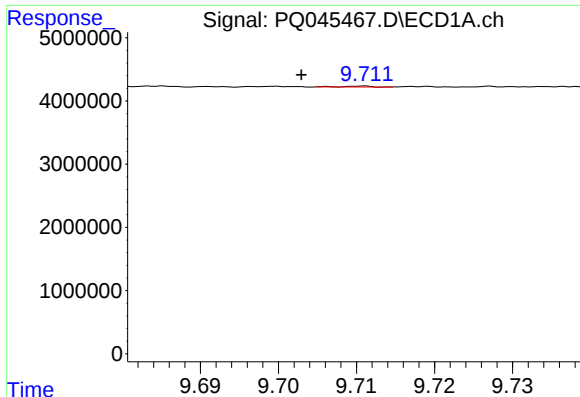
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.608 min
Response: 0
Conc: N.D.



#38 AR-1262-3

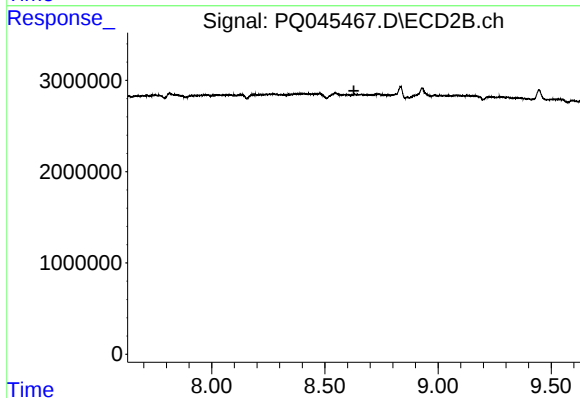
R.T.: 8.547 min
Delta R.T.: -0.015 min
Response: 951840
Conc: 3.57 ng/ml



#39 AR-1262-4

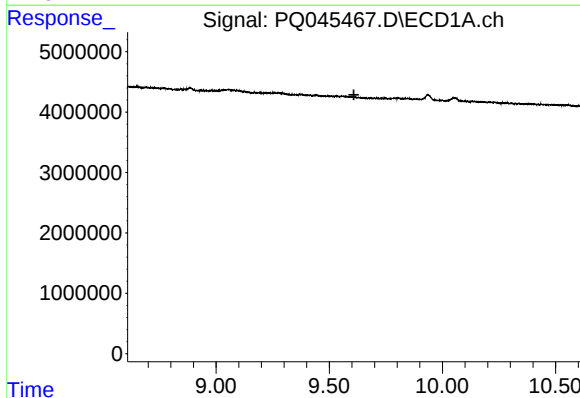
R.T.: 9.711 min
Delta R.T.: 0.008 min
Response: 34024
Conc: 0.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



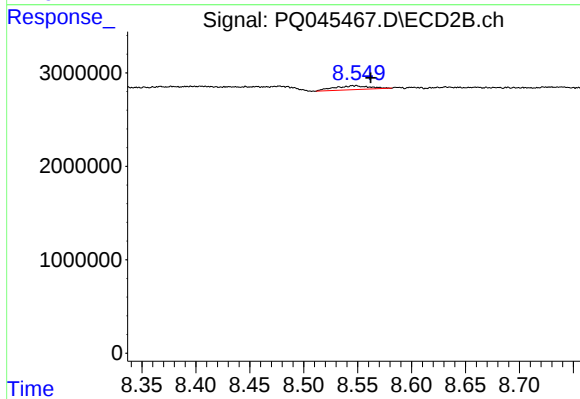
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.628 min
Response: 0
Conc: N.D.



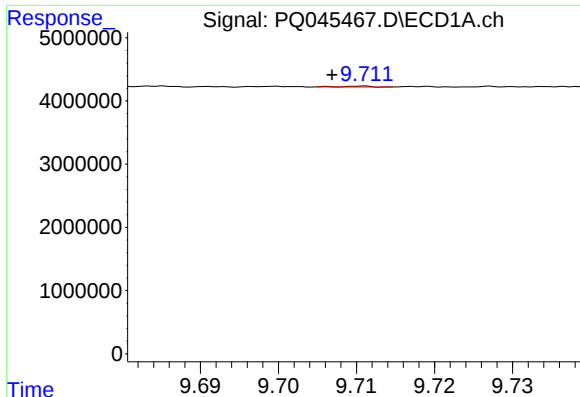
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 9.609 min
Response: 0
Conc: N.D.



#41 AR-1268-1

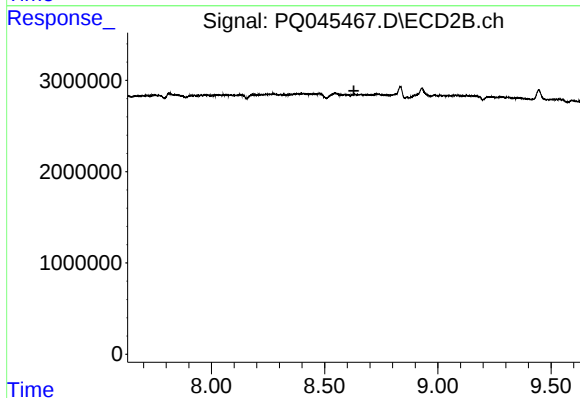
R.T.: 8.547 min
Delta R.T.: -0.015 min
Response: 951840
Conc: 1.19 ng/ml



#42 AR-1268-2

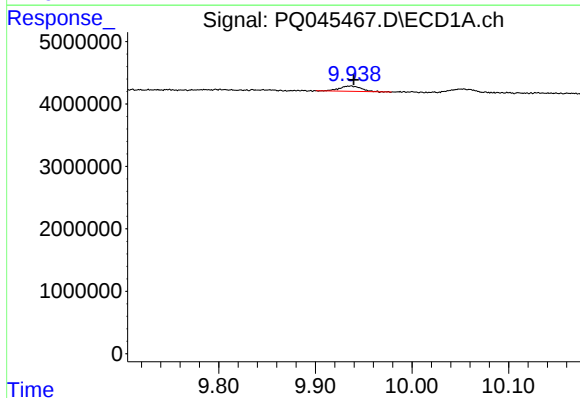
R.T.: 9.711 min
Delta R.T.: 0.004 min
Response: 34024
Conc: 0.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



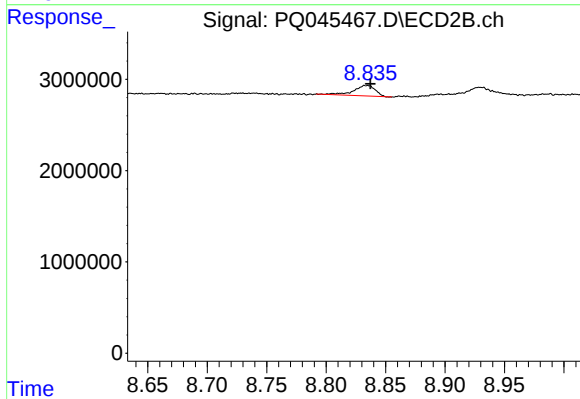
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.629 min
Response: 0
Conc: N.D.



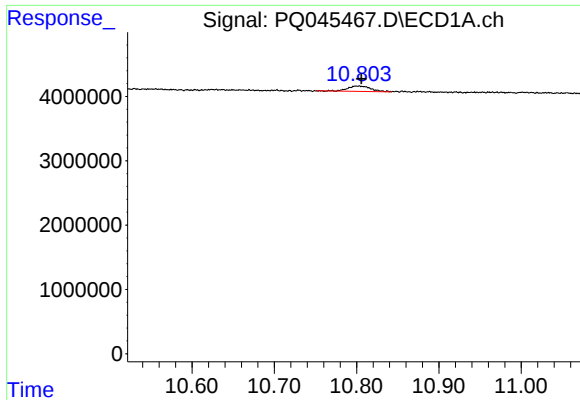
#43 AR-1268-3

R.T.: 9.937 min
Delta R.T.: -0.003 min
Response: 1309358
Conc: 1.87 ng/ml



#43 AR-1268-3

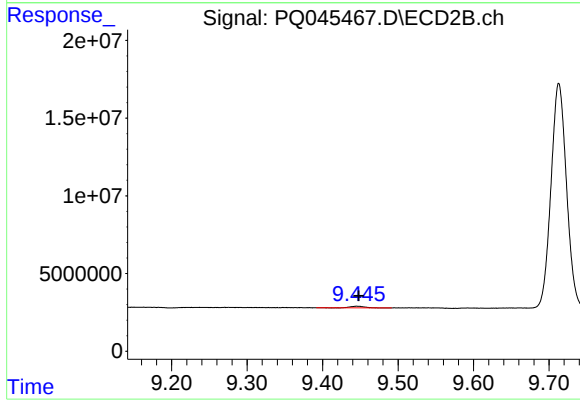
R.T.: 8.834 min
Delta R.T.: -0.003 min
Response: 1472298
Conc: 2.36 ng/ml



#45 AR-1268-5

R.T.: 10.802 min
Delta R.T.: -0.003 min
Response: 1607029
Conc: 0.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.446 min
Delta R.T.: -0.002 min
Response: 1313646
Conc: 0.54 ng/ml