

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082819\
 Data File : PQ043042.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Aug 2019 16:52
 Operator : SM\AJ
 Sample : PB122520BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ABLK20

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 28 05:43:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082619CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 26 05:38:16 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...	5.619	4.680	55081409	47375364	20.579	20.467
2)	SA Decachlor...	11.972	10.414	260.9E6	229.0E6	30.904	34.083
Target Compounds							
3)	L1 AR-1016-1	7.070	6.152	384550	505142	3.701	5.121 #
4)	L1 AR-1016-2	7.113	6.152	630332	505142	3.954	3.330
5)	L1 AR-1016-3	7.183	6.387	535666	731192	5.273	9.728 #
6)	L1 AR-1016-4	7.294	6.453	450568	987323	5.624	14.212 #
7)	L1 AR-1016-5	7.589	6.679	857780	570270	10.471	6.329 #
8)	L2 AR-1221-1	5.924	5.007	559463	37479	16.514	1.158 #
9)	L2 AR-1221-2	6.041	5.101	615241	204442	26.028	8.134 #
10)	L2 AR-1221-3	6.119	5.223	623267	236335	7.558	2.841 #
11)	L3 AR-1232-1	6.119	5.223	623267	236335	8.722	3.119 #
12)	L3 AR-1232-2	6.770	6.152	358189	505142	9.078	6.031 #
13)	L3 AR-1232-3	7.113	6.387	630332	731192	7.600	16.992 #
14)	L3 AR-1232-4	7.294	6.496	450568	1106137	10.466	25.802 #
15)	L3 AR-1232-5	7.396	6.679	463215	570270	16.191	12.606
16)	L4 AR-1242-1	7.084	6.152	348376	505142	3.424	5.132 #
17)	L4 AR-1242-2	7.113	6.152	630332	505142	4.138	3.401
18)	L4 AR-1242-3	7.174	6.387	169320	731192	1.774	9.621 #
19)	L4 AR-1242-4	7.294	6.496	450568	1106137	5.853	13.261 #
20)	L4 AR-1242-5	8.117	7.048	725246	2206135	7.573	19.363 #
21)	L5 AR-1248-1	7.084	6.152	348376	505142	4.407	6.372 #
22)	L5 AR-1248-2	7.396	6.453	463215	987323	4.093	8.340 #
23)	L5 AR-1248-3	7.589	6.496	857780	1106137	6.344	9.158 #
24)	L5 AR-1248-4	8.041	6.679	1363167	570270	8.413	3.894 #
25)	L5 AR-1248-5	8.117	0.000	725246	0	4.628	N.D. #
26)	L6 AR-1254-1	8.041	7.048	1363167	2206135	8.158	8.995
27)	L6 AR-1254-2	8.281	7.239	1081313	398102	4.020	1.785 #
28)	L6 AR-1254-3	8.669	0.000	4218931	0	14.008	N.D. #
29)	L6 AR-1254-4	8.938	7.895	1194755	1172408	5.244	4.849
30)	L6 AR-1254-5	9.441	8.451	3463948	364257	12.790	0.987 #
31)	L7 AR-1260-1	8.839	7.871	1039319	4811902	5.801	24.821 #
32)	L7 AR-1260-2	9.116	8.037	604112	214457	2.569	0.842 #
33)	L7 AR-1260-3	9.499	8.251	795897	641350	3.725	2.815
34)	L7 AR-1260-4	9.747	0.000	472100	0	2.002	N.D. #
35)	L7 AR-1260-5	10.074	0.000	3045738	0	5.345	N.D. #
36)	L8 AR-1262-1	9.479	8.451	145562	364257	0.362	1.966 #
37)	L8 AR-1262-2	10.074	0.000	3045738	0	3.808	N.D. #
38)	L8 AR-1262-3	10.406	0.000	368829	0	0.623	N.D. #
39)	L8 AR-1262-4	10.468	0.000	1462723	0	2.937	N.D. #
40)	L8 AR-1262-5	11.185	0.000	2044517	0	5.480	N.D. #
41)	L9 AR-1268-1	10.406	0.000	368829	0	0.343	N.D. #
42)	L9 AR-1268-2	10.468	0.000	1462723	0	1.394	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082819\
 Data File : PQ043042.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Aug 2019 16:52
 Operator : SM\AJ
 Sample : PB122520BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

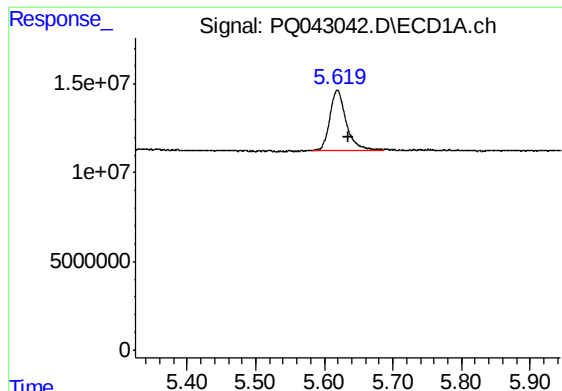
Instrument :
 ECD_Q
 ClientSampleId :
 ABLK20

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 28 05:43:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082619CLP.M
 Quant Title : GC EXTRACTABLES
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 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
43) L9	AR-1268-3	10.726	9.529	2238605	1739436	2.338	1.972
44) L9	AR-1268-4	11.185	0.000	2044517	0	5.097	N.D. #
45) L9	AR-1268-5	11.608	10.146	1367925	2027190	0.410	0.725 #

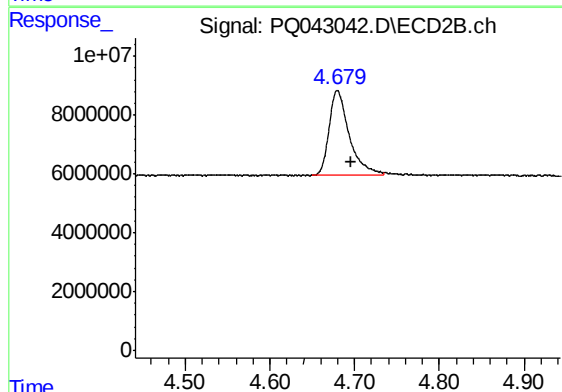
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

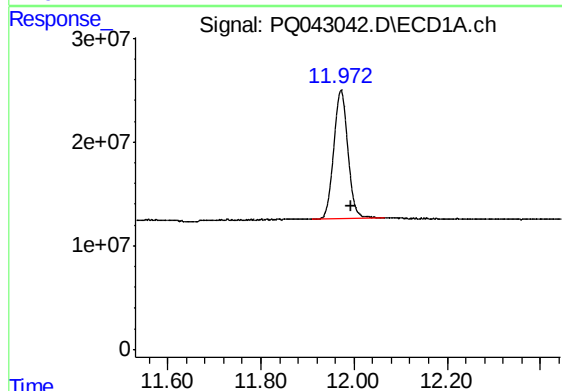
R.T.: 5.619 min
Delta R.T.: -0.017 min
Response: 55081409
Conc: 20.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ABLK20



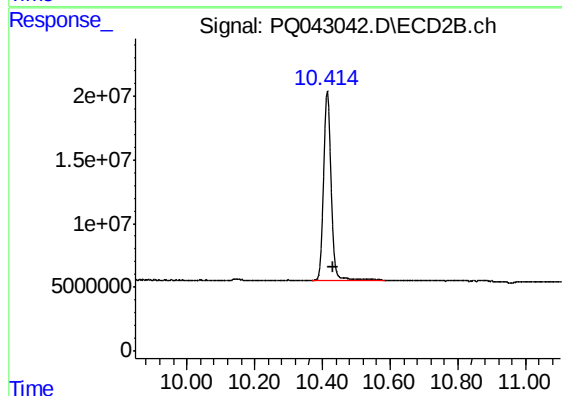
#1 Tetrachloro-m-xylene

R.T.: 4.680 min
Delta R.T.: -0.017 min
Response: 47375364
Conc: 20.47 ng/ml



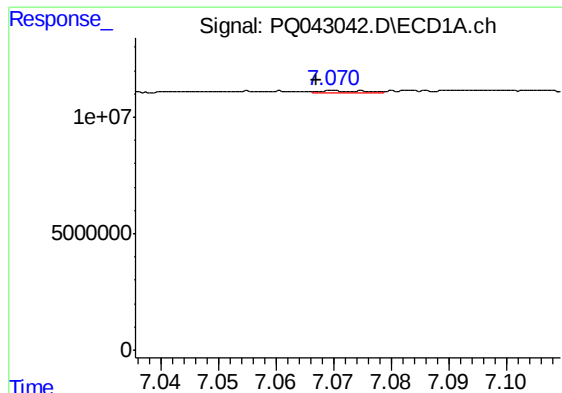
#2 Decachlorobiphenyl

R.T.: 11.972 min
Delta R.T.: -0.021 min
Response: 260899267
Conc: 30.90 ng/ml



#2 Decachlorobiphenyl

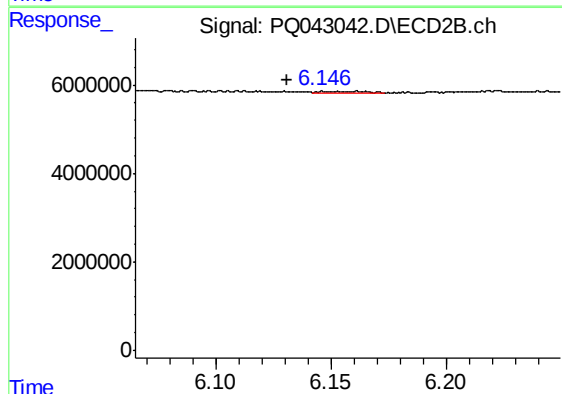
R.T.: 10.414 min
Delta R.T.: -0.016 min
Response: 228957817
Conc: 34.08 ng/ml



#3 AR-1016-1

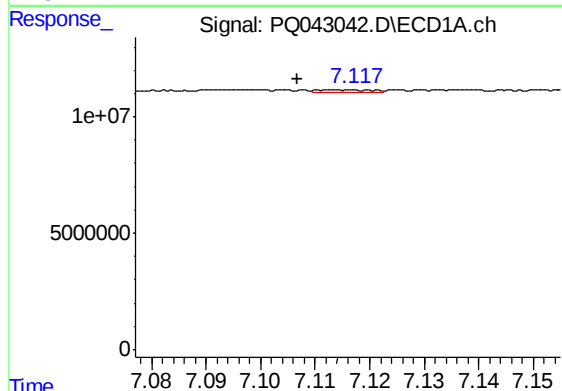
R.T.: 7.070 min
Delta R.T.: 0.003 min
Response: 384550
Conc: 3.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ABLK20



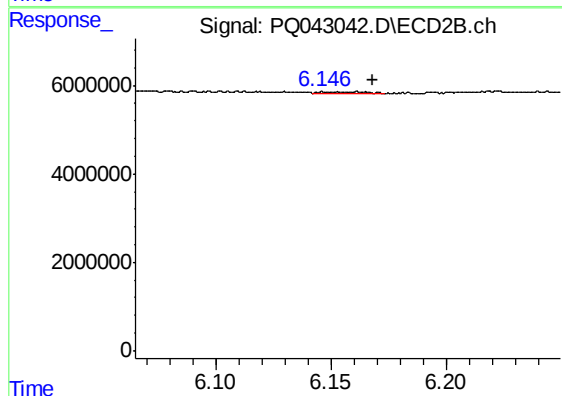
#3 AR-1016-1

R.T.: 6.152 min
Delta R.T.: 0.021 min
Response: 505142
Conc: 5.12 ng/ml



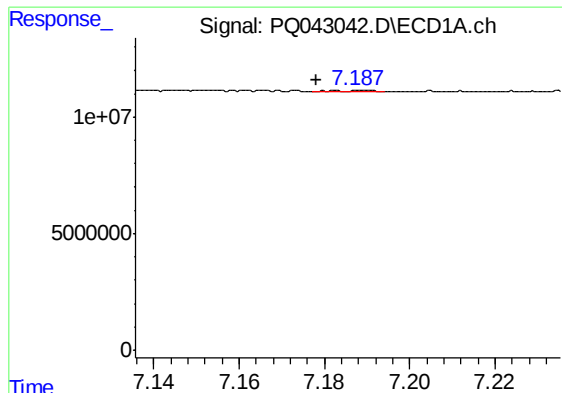
#4 AR-1016-2

R.T.: 7.113 min
Delta R.T.: 0.006 min
Response: 630332
Conc: 3.95 ng/ml



#4 AR-1016-2

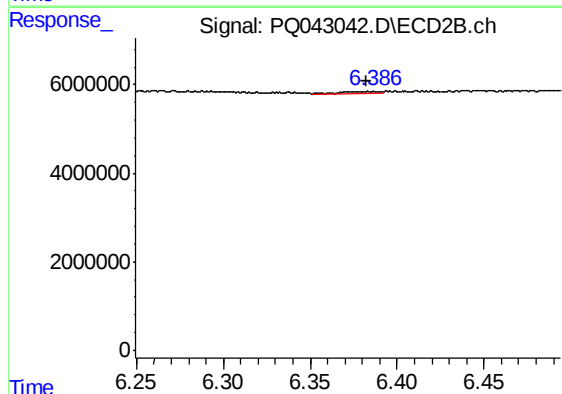
R.T.: 6.152 min
Delta R.T.: -0.016 min
Response: 505142
Conc: 3.33 ng/ml



#5 AR-1016-3

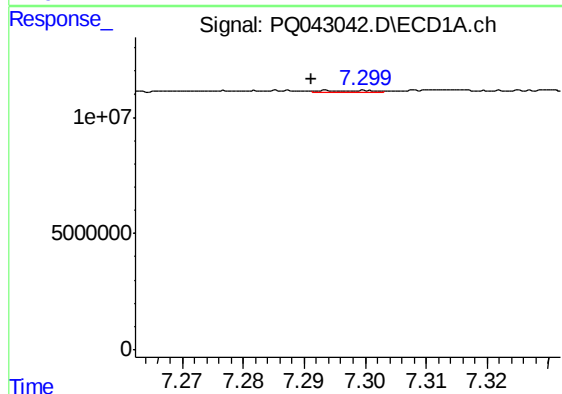
R.T.: 7.183 min
Delta R.T.: 0.004 min
Response: 535666
Conc: 5.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ABLK20



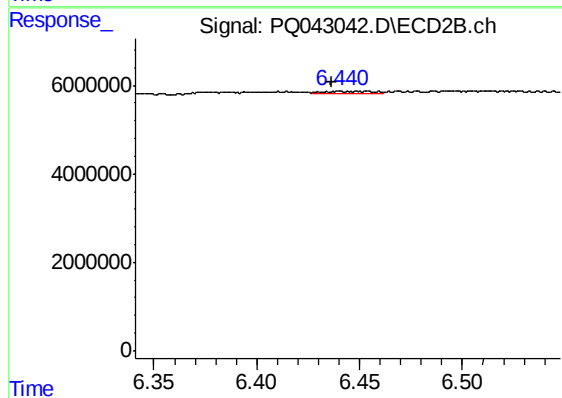
#5 AR-1016-3

R.T.: 6.387 min
Delta R.T.: 0.004 min
Response: 731192
Conc: 9.73 ng/ml



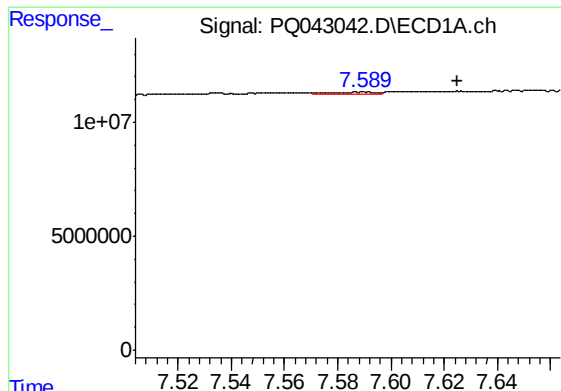
#6 AR-1016-4

R.T.: 7.294 min
Delta R.T.: 0.002 min
Response: 450568
Conc: 5.62 ng/ml



#6 AR-1016-4

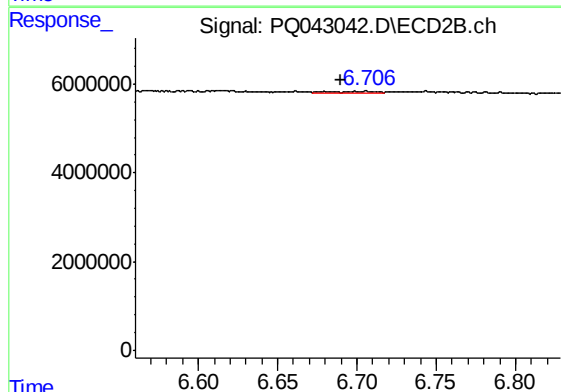
R.T.: 6.453 min
Delta R.T.: 0.017 min
Response: 987323
Conc: 14.21 ng/ml



#7 AR-1016-5

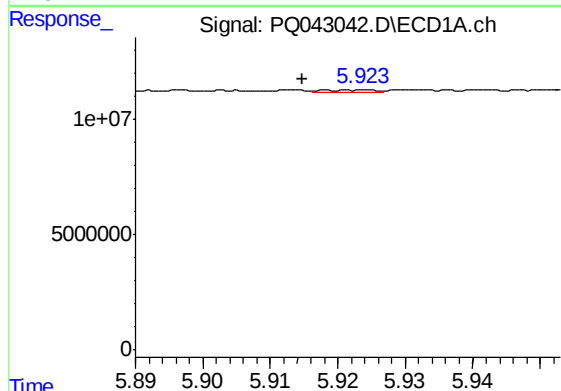
R.T.: 7.589 min
Delta R.T.: -0.035 min
Response: 857780
Conc: 10.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ABLK20



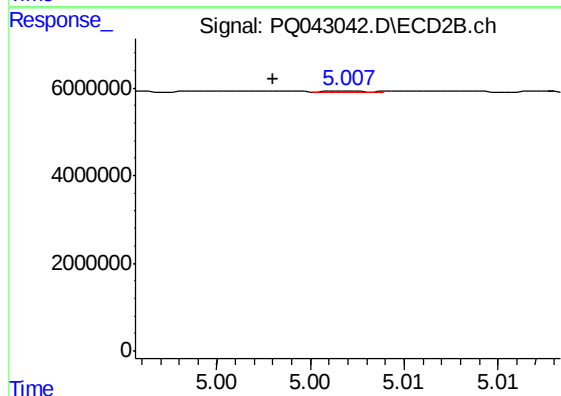
#7 AR-1016-5

R.T.: 6.679 min
Delta R.T.: -0.011 min
Response: 570270
Conc: 6.33 ng/ml



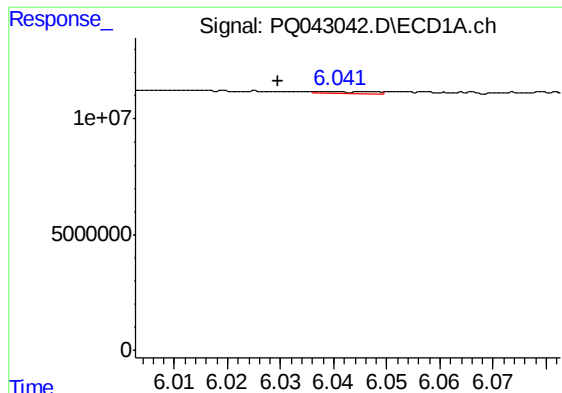
#8 AR-1221-1

R.T.: 5.924 min
Delta R.T.: 0.009 min
Response: 559463
Conc: 16.51 ng/ml



#8 AR-1221-1

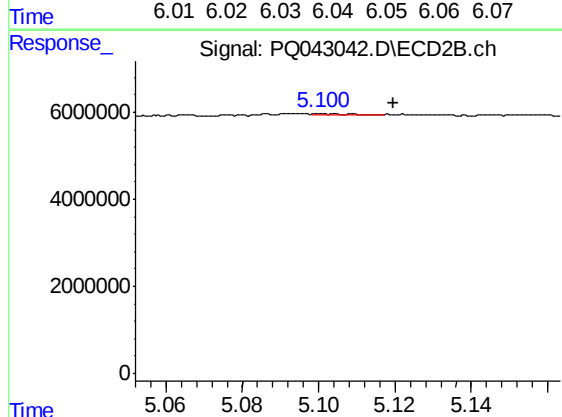
R.T.: 5.007 min
Delta R.T.: 0.004 min
Response: 37479
Conc: 1.16 ng/ml



#9 AR-1221-2

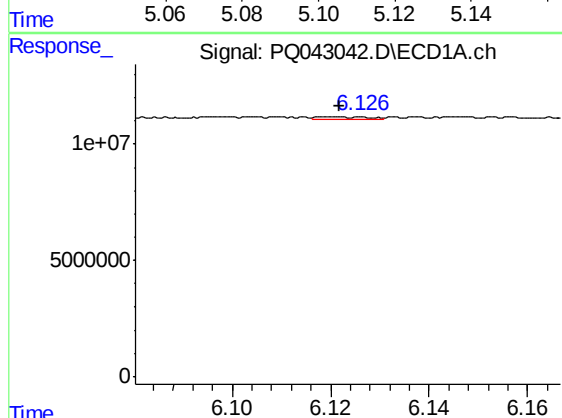
R.T.: 6.041 min
Delta R.T.: 0.011 min
Response: 615241
Conc: 26.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ABLK20



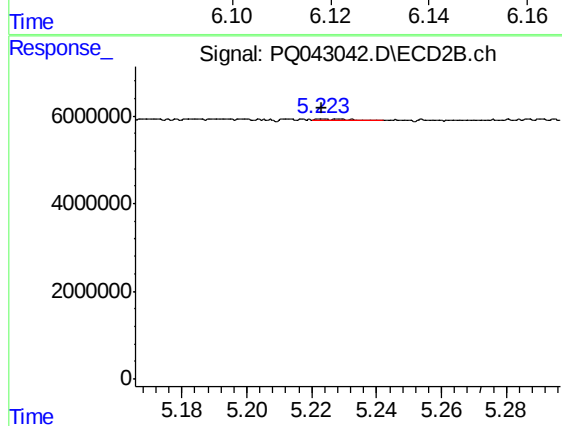
#9 AR-1221-2

R.T.: 5.101 min
Delta R.T.: -0.019 min
Response: 204442
Conc: 8.13 ng/ml



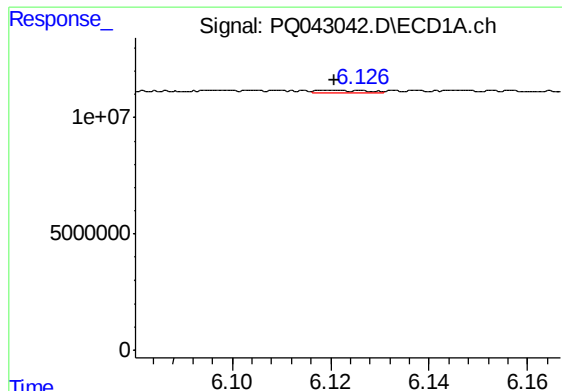
#10 AR-1221-3

R.T.: 6.119 min
Delta R.T.: -0.003 min
Response: 623267
Conc: 7.56 ng/ml



#10 AR-1221-3

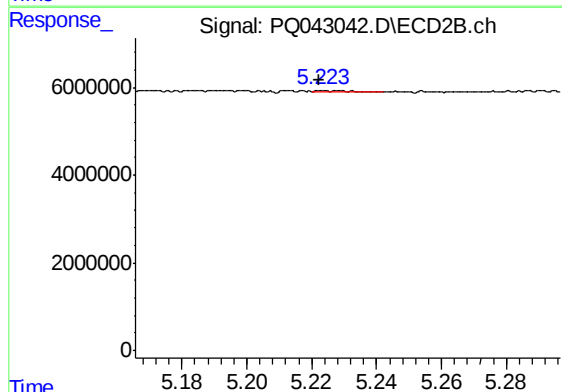
R.T.: 5.223 min
Delta R.T.: 0.000 min
Response: 236335
Conc: 2.84 ng/ml



#11 AR-1232-1

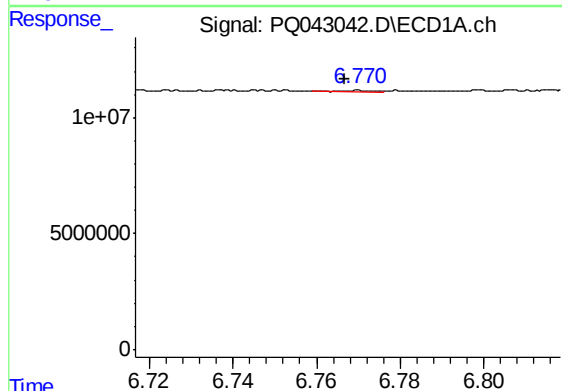
R.T.: 6.119 min
Delta R.T.: -0.002 min
Response: 623267
Conc: 8.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ABLK20



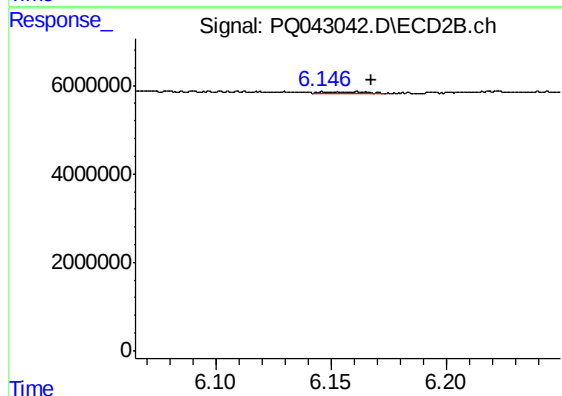
#11 AR-1232-1

R.T.: 5.223 min
Delta R.T.: 0.000 min
Response: 236335
Conc: 3.12 ng/ml



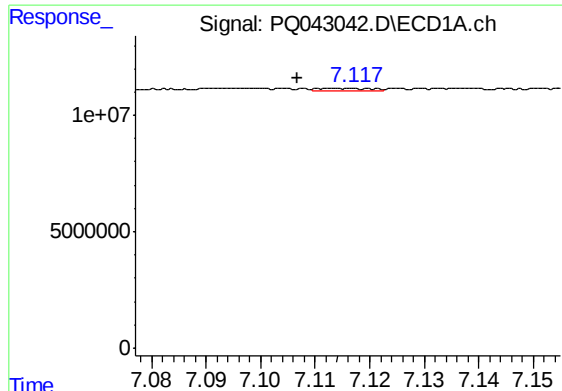
#12 AR-1232-2

R.T.: 6.770 min
Delta R.T.: 0.004 min
Response: 358189
Conc: 9.08 ng/ml



#12 AR-1232-2

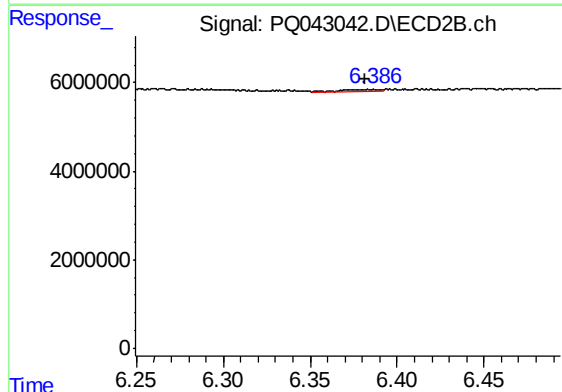
R.T.: 6.152 min
Delta R.T.: -0.015 min
Response: 505142
Conc: 6.03 ng/ml



#13 AR-1232-3

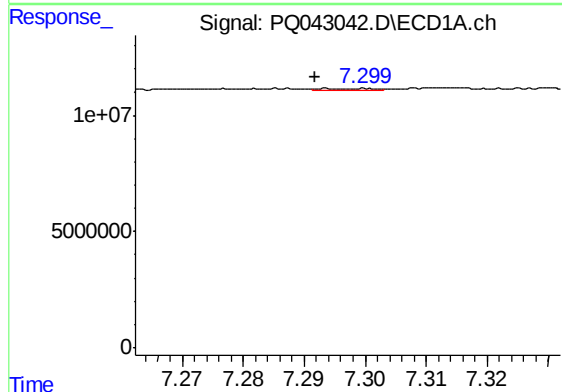
R.T.: 7.113 min
Delta R.T.: 0.006 min
Response: 630332
Conc: 7.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ABLK20



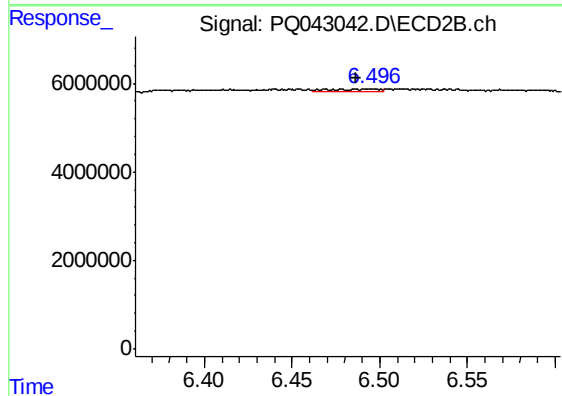
#13 AR-1232-3

R.T.: 6.387 min
Delta R.T.: 0.005 min
Response: 731192
Conc: 16.99 ng/ml



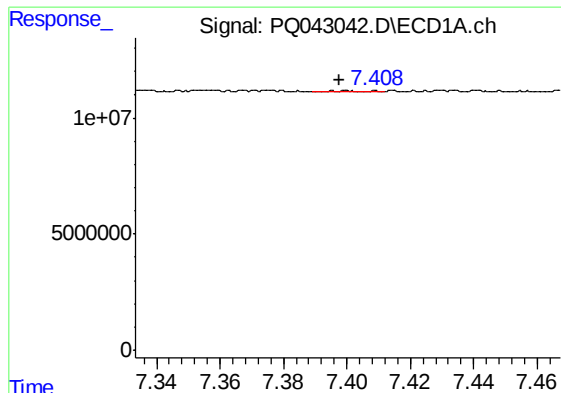
#14 AR-1232-4

R.T.: 7.294 min
Delta R.T.: 0.002 min
Response: 450568
Conc: 10.47 ng/ml



#14 AR-1232-4

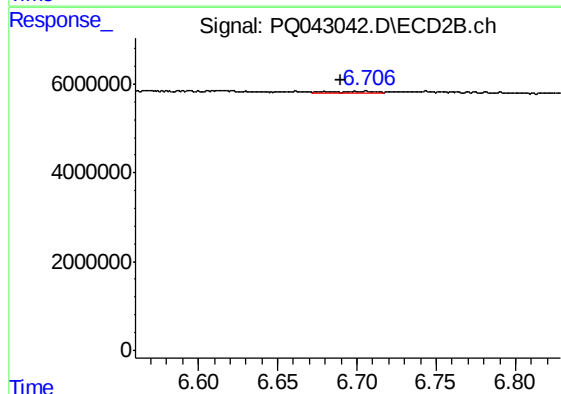
R.T.: 6.496 min
Delta R.T.: 0.010 min
Response: 1106137
Conc: 25.80 ng/ml



#15 AR-1232-5

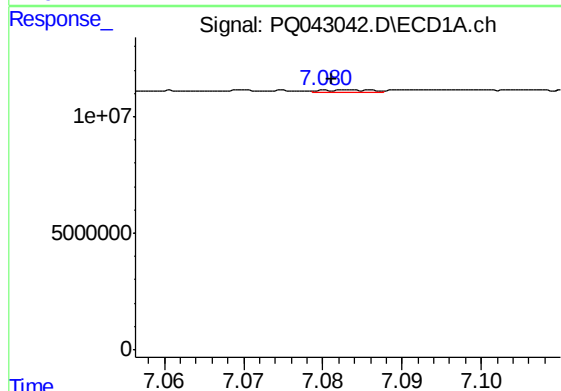
R.T.: 7.396 min
Delta R.T.: -0.002 min
Response: 463215
Conc: 16.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ABLK20



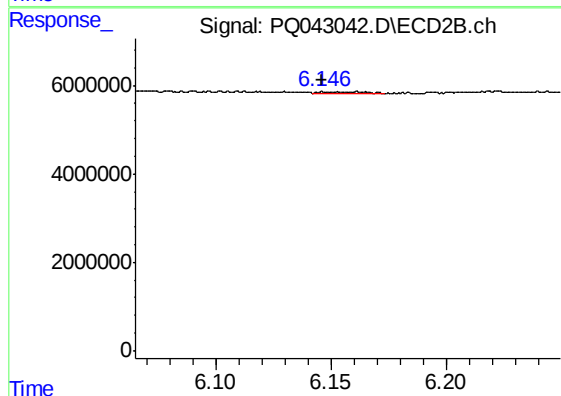
#15 AR-1232-5

R.T.: 6.679 min
Delta R.T.: -0.010 min
Response: 570270
Conc: 12.61 ng/ml



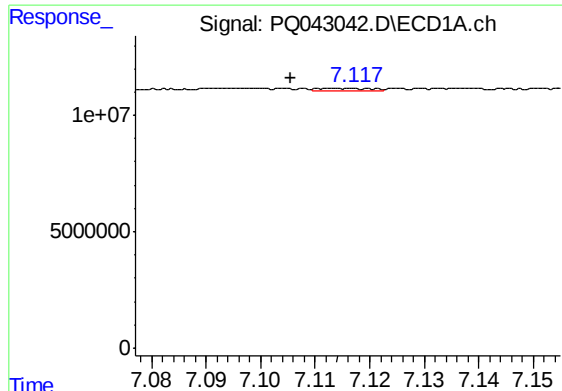
#16 AR-1242-1

R.T.: 7.084 min
Delta R.T.: 0.002 min
Response: 348376
Conc: 3.42 ng/ml



#16 AR-1242-1

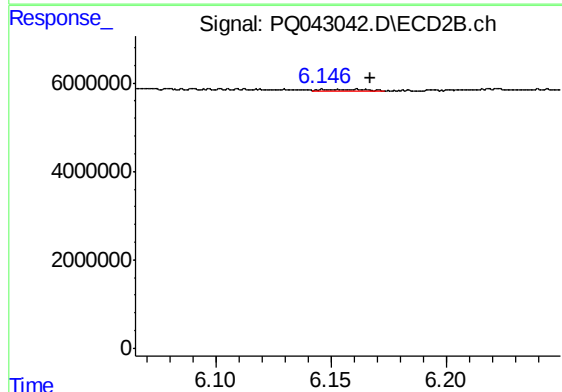
R.T.: 6.152 min
Delta R.T.: 0.006 min
Response: 505142
Conc: 5.13 ng/ml



#17 AR-1242-2

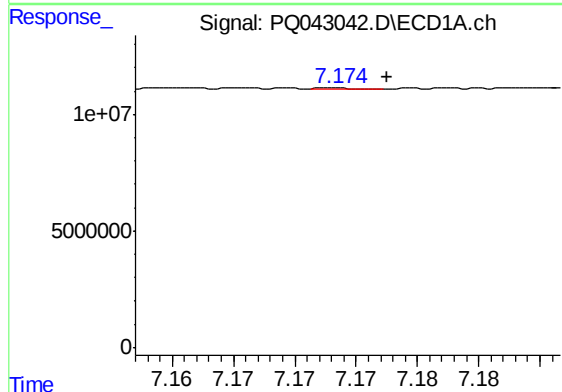
R.T.: 7.113 min
Delta R.T.: 0.007 min
Response: 630332
Conc: 4.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ABLK20



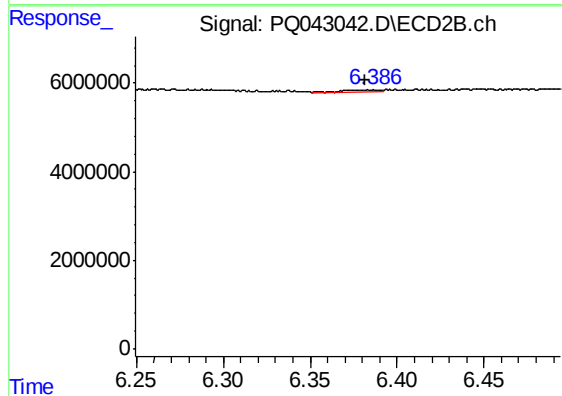
#17 AR-1242-2

R.T.: 6.152 min
Delta R.T.: -0.015 min
Response: 505142
Conc: 3.40 ng/ml



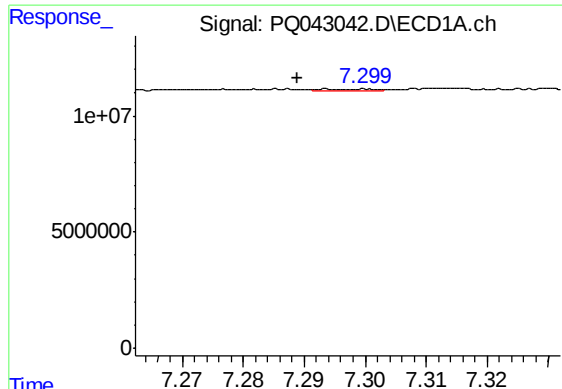
#18 AR-1242-3

R.T.: 7.174 min
Delta R.T.: -0.004 min
Response: 169320
Conc: 1.77 ng/ml



#18 AR-1242-3

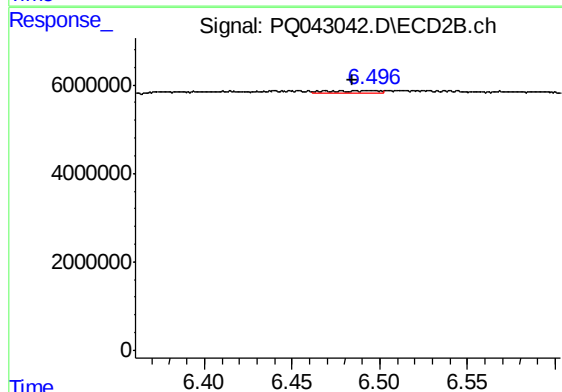
R.T.: 6.387 min
Delta R.T.: 0.006 min
Response: 731192
Conc: 9.62 ng/ml



#19 AR-1242-4

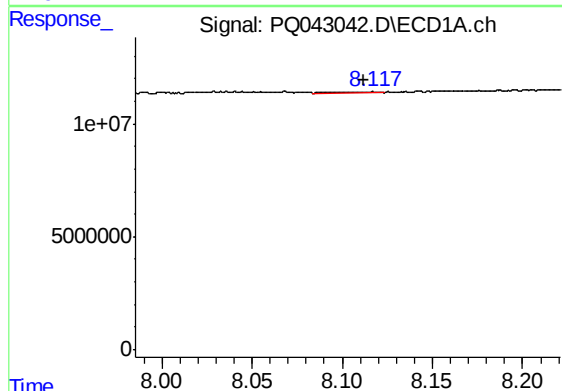
R.T.: 7.294 min
Delta R.T.: 0.005 min
Response: 450568
Conc: 5.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ABLK20



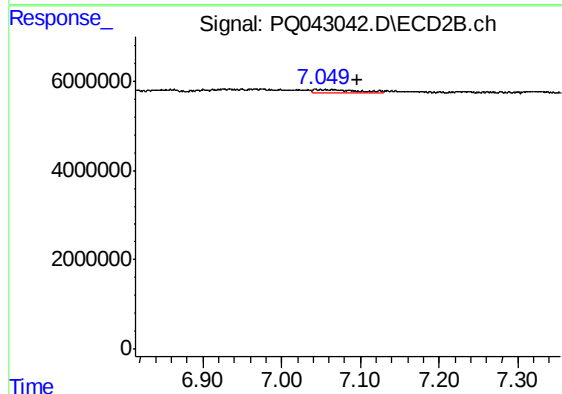
#19 AR-1242-4

R.T.: 6.496 min
Delta R.T.: 0.012 min
Response: 1106137
Conc: 13.26 ng/ml



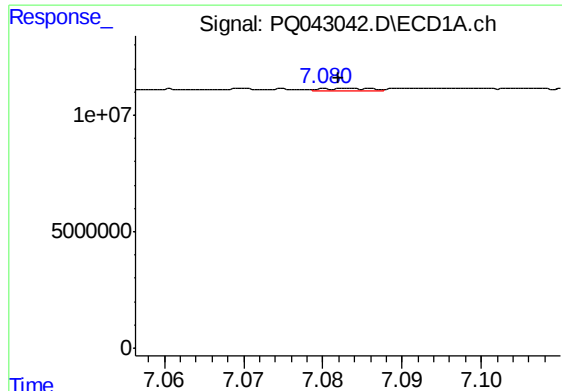
#20 AR-1242-5

R.T.: 8.117 min
Delta R.T.: 0.005 min
Response: 725246
Conc: 7.57 ng/ml



#20 AR-1242-5

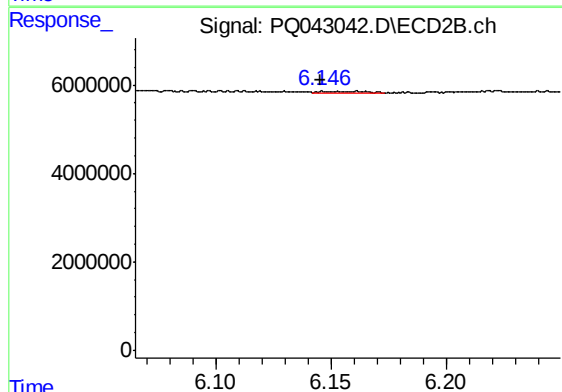
R.T.: 7.048 min
Delta R.T.: -0.049 min
Response: 2206135
Conc: 19.36 ng/ml



#21 AR-1248-1

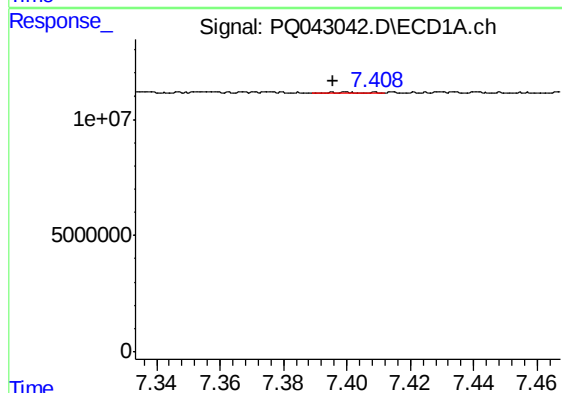
R.T.: 7.084 min
Delta R.T.: 0.002 min
Response: 348376
Conc: 4.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ABLK20



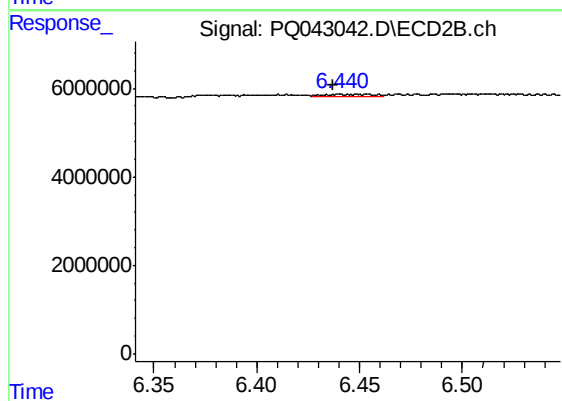
#21 AR-1248-1

R.T.: 6.152 min
Delta R.T.: 0.007 min
Response: 505142
Conc: 6.37 ng/ml



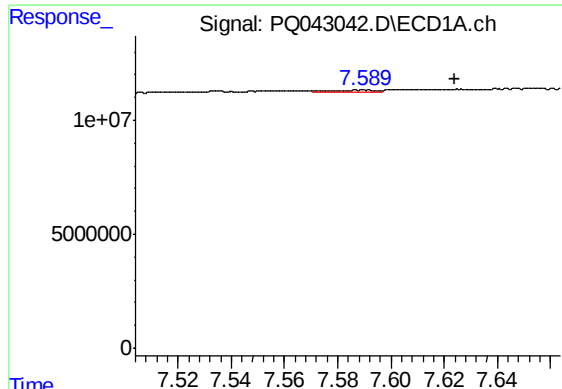
#22 AR-1248-2

R.T.: 7.396 min
Delta R.T.: 0.000 min
Response: 463215
Conc: 4.09 ng/ml



#22 AR-1248-2

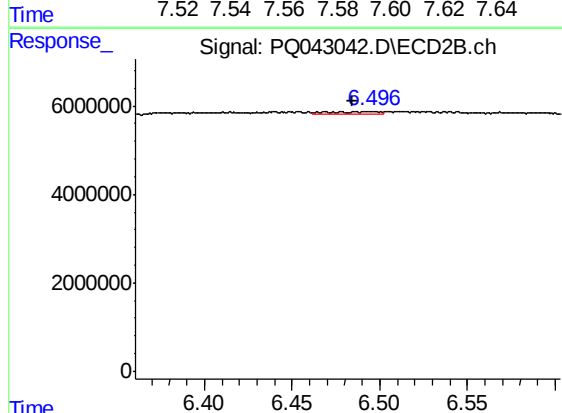
R.T.: 6.453 min
Delta R.T.: 0.016 min
Response: 987323
Conc: 8.34 ng/ml



#23 AR-1248-3

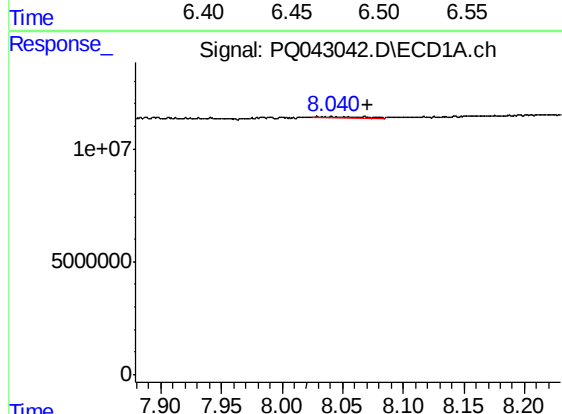
R.T.: 7.589 min
Delta R.T.: -0.034 min
Response: 857780
Conc: 6.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ABLK20



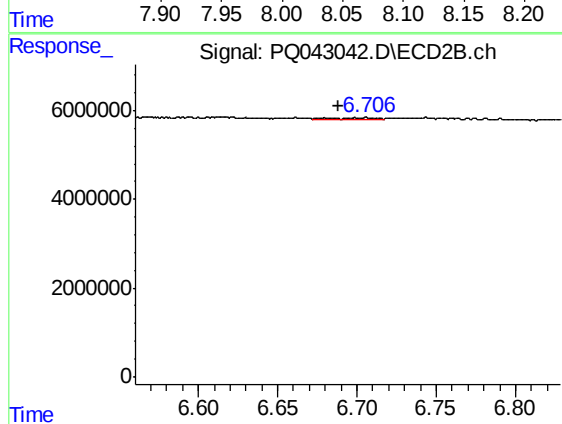
#23 AR-1248-3

R.T.: 6.496 min
Delta R.T.: 0.012 min
Response: 1106137
Conc: 9.16 ng/ml



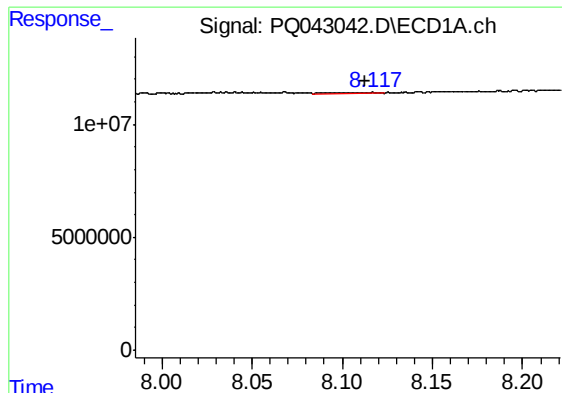
#24 AR-1248-4

R.T.: 8.041 min
Delta R.T.: -0.030 min
Response: 1363167
Conc: 8.41 ng/ml



#24 AR-1248-4

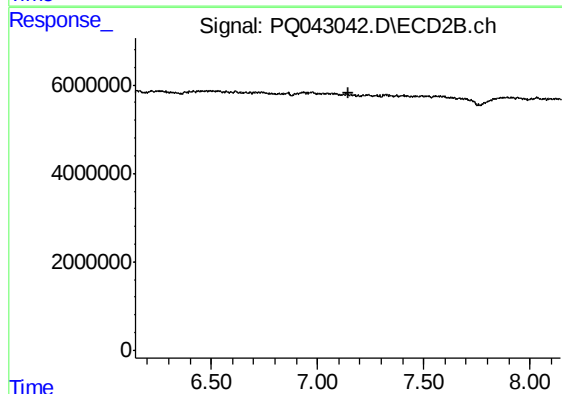
R.T.: 6.679 min
Delta R.T.: -0.009 min
Response: 570270
Conc: 3.89 ng/ml



#25 AR-1248-5

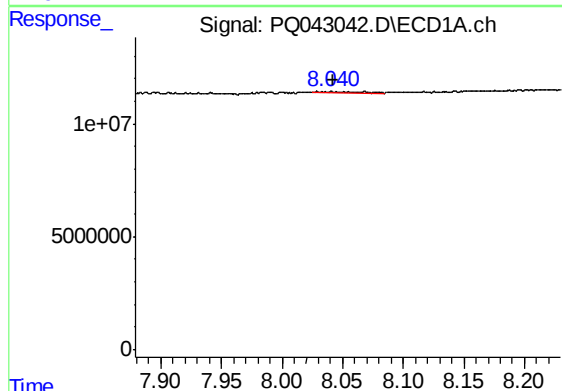
R.T.: 8.117 min
Delta R.T.: 0.004 min
Response: 725246
Conc: 4.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ABLK20



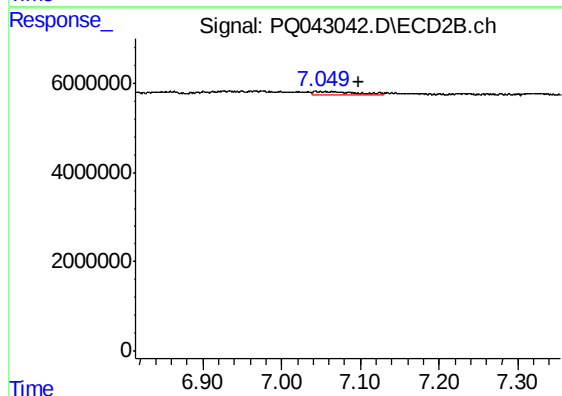
#25 AR-1248-5

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



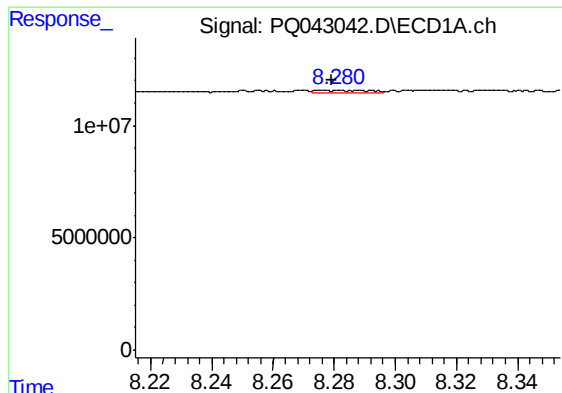
#26 AR-1254-1

R.T.: 8.041 min
Delta R.T.: 0.000 min
Response: 1363167
Conc: 8.16 ng/ml



#26 AR-1254-1

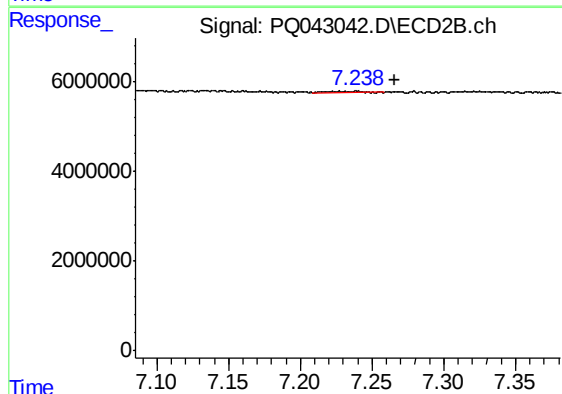
R.T.: 7.048 min
Delta R.T.: -0.049 min
Response: 2206135
Conc: 9.00 ng/ml



#27 AR-1254-2

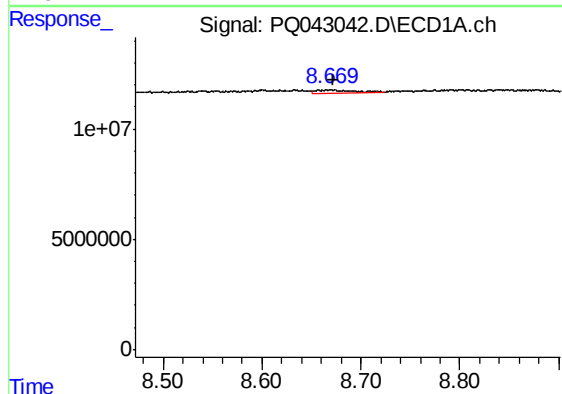
R.T.: 8.281 min
Delta R.T.: 0.002 min
Response: 1081313
Conc: 4.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ABLK20



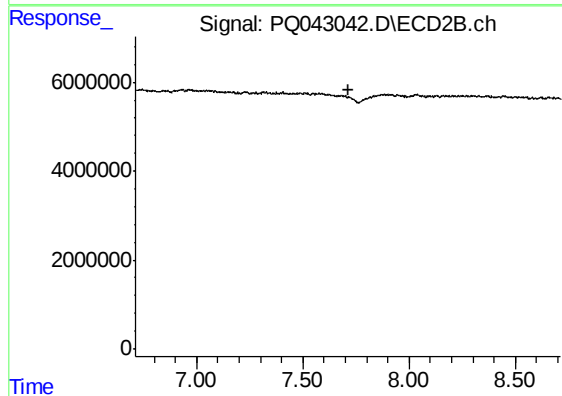
#27 AR-1254-2

R.T.: 7.239 min
Delta R.T.: -0.027 min
Response: 398102
Conc: 1.78 ng/ml



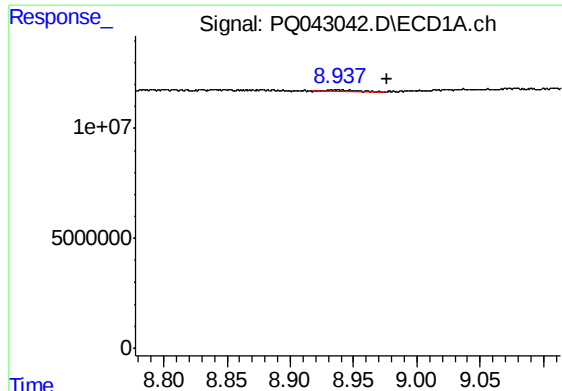
#28 AR-1254-3

R.T.: 8.669 min
Delta R.T.: -0.003 min
Response: 4218931
Conc: 14.01 ng/ml



#28 AR-1254-3

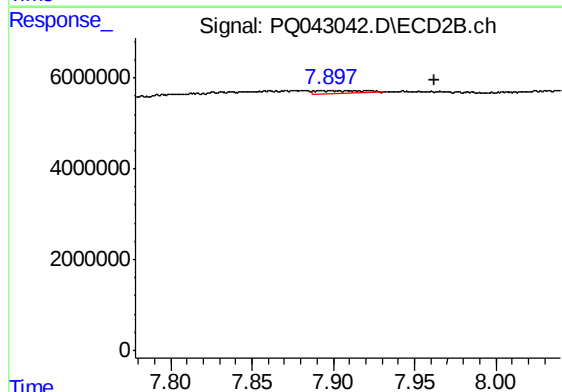
R.T.: 0.000 min
Exp R.T. : 7.712 min
Response: 0
Conc: N.D.



#29 AR-1254-4

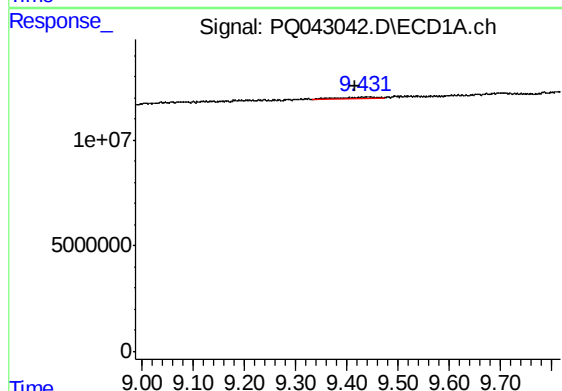
R.T.: 8.938 min
Delta R.T.: -0.038 min
Response: 1194755
Conc: 5.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ABLK20



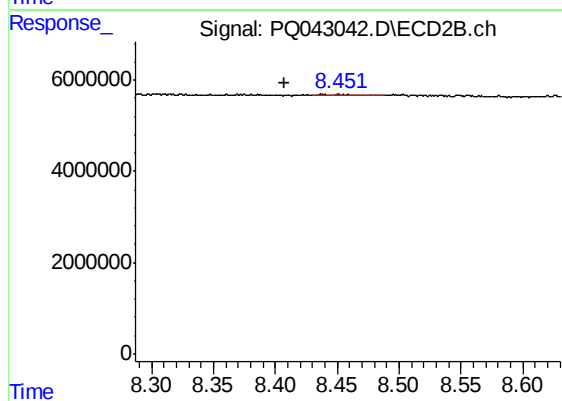
#29 AR-1254-4

R.T.: 7.895 min
Delta R.T.: -0.067 min
Response: 1172408
Conc: 4.85 ng/ml



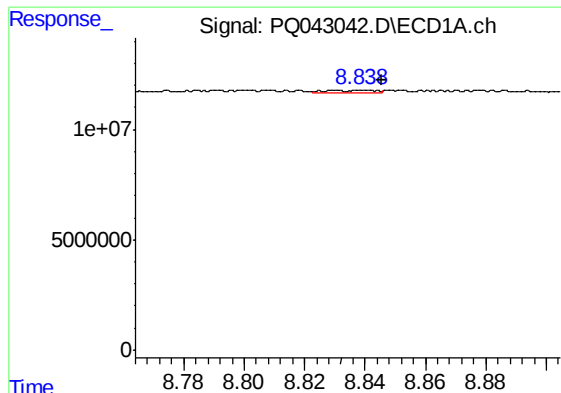
#30 AR-1254-5

R.T.: 9.441 min
Delta R.T.: 0.026 min
Response: 3463948
Conc: 12.79 ng/ml



#30 AR-1254-5

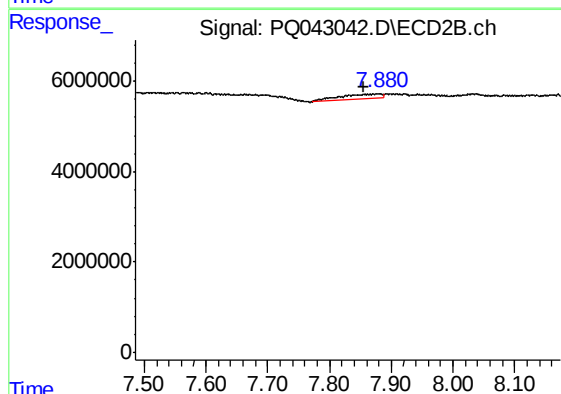
R.T.: 8.451 min
Delta R.T.: 0.044 min
Response: 364257
Conc: 0.99 ng/ml



#31 AR-1260-1

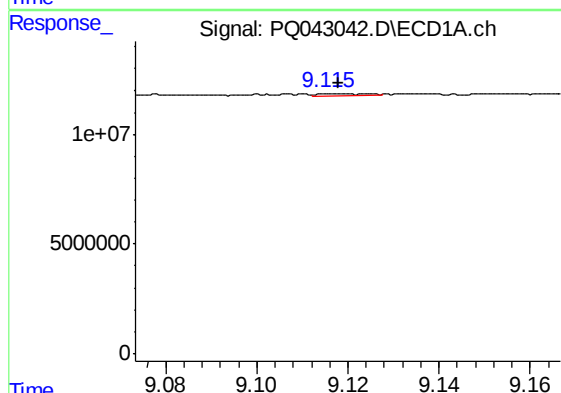
R.T.: 8.839 min
Delta R.T.: -0.006 min
Response: 1039319
Conc: 5.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ABLK20



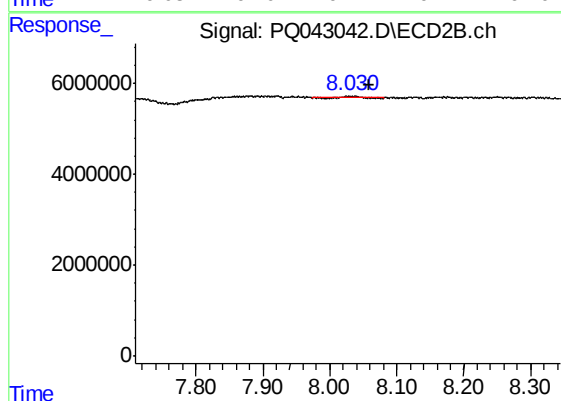
#31 AR-1260-1

R.T.: 7.871 min
Delta R.T.: 0.016 min
Response: 4811902
Conc: 24.82 ng/ml



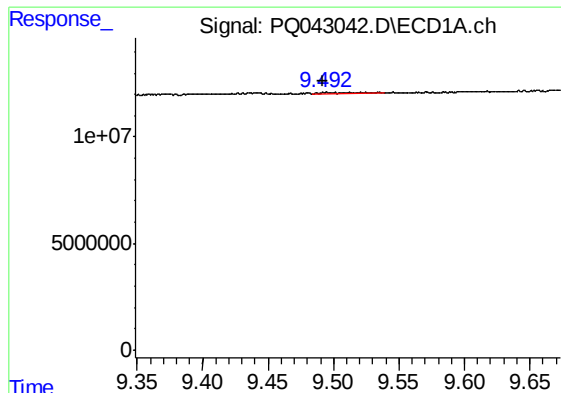
#32 AR-1260-2

R.T.: 9.116 min
Delta R.T.: -0.002 min
Response: 604112
Conc: 2.57 ng/ml



#32 AR-1260-2

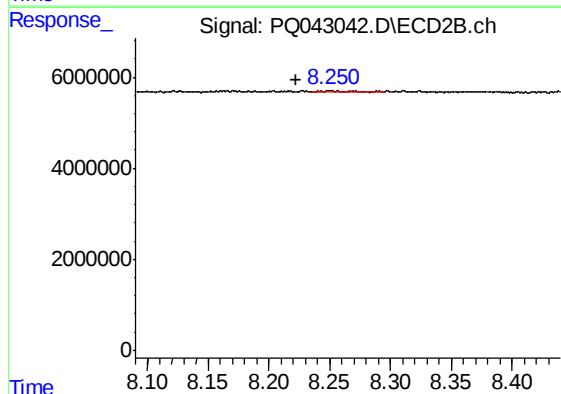
R.T.: 8.037 min
Delta R.T.: -0.022 min
Response: 214457
Conc: 0.84 ng/ml



#33 AR-1260-3

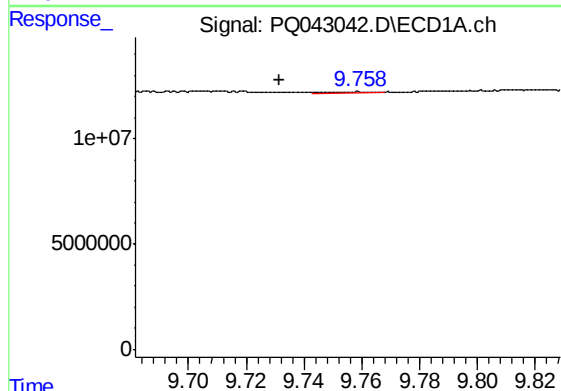
R.T.: 9.499 min
Delta R.T.: 0.008 min
Response: 795897
Conc: 3.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ABLK20



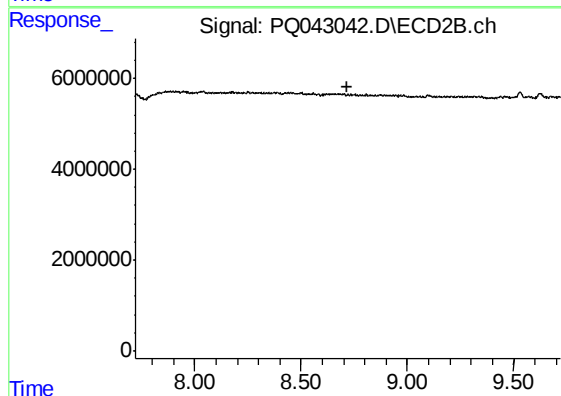
#33 AR-1260-3

R.T.: 8.251 min
Delta R.T.: 0.029 min
Response: 641350
Conc: 2.82 ng/ml



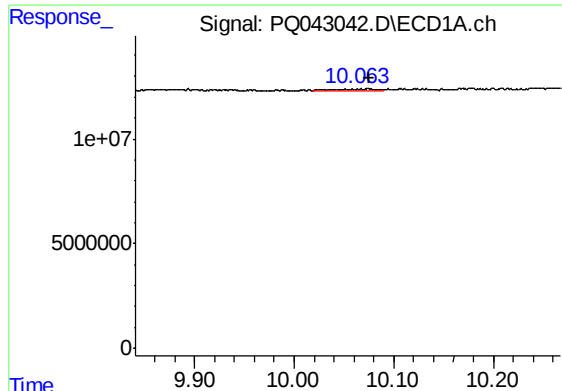
#34 AR-1260-4

R.T.: 9.747 min
Delta R.T.: 0.016 min
Response: 472100
Conc: 2.00 ng/ml



#34 AR-1260-4

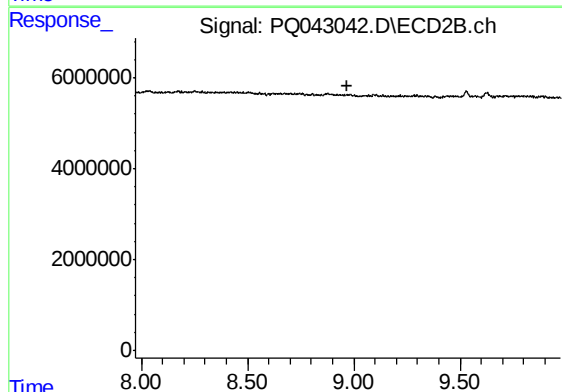
R.T.: 0.000 min
Exp R.T. : 8.720 min
Response: 0
Conc: N.D.



#35 AR-1260-5

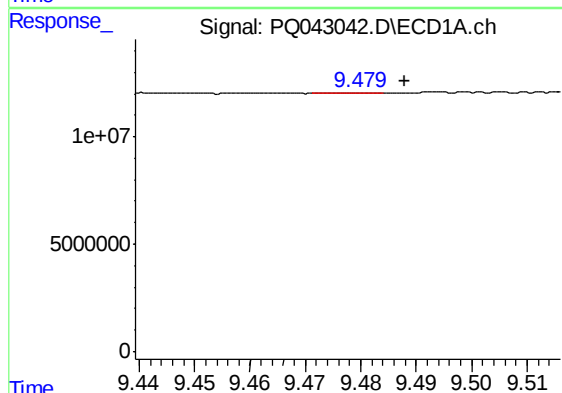
R.T.: 10.074 min
Delta R.T.: -0.002 min
Response: 3045738
Conc: 5.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ABLK20



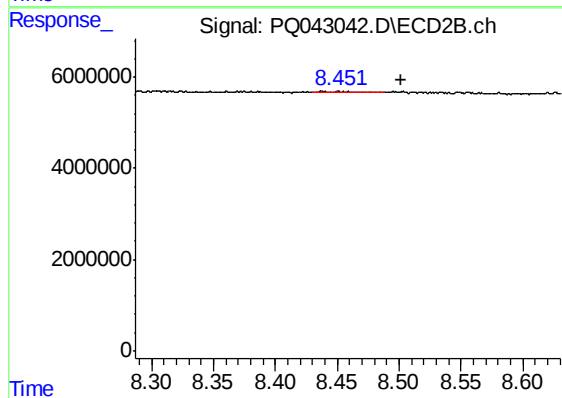
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 8.972 min
Response: 0
Conc: N.D.



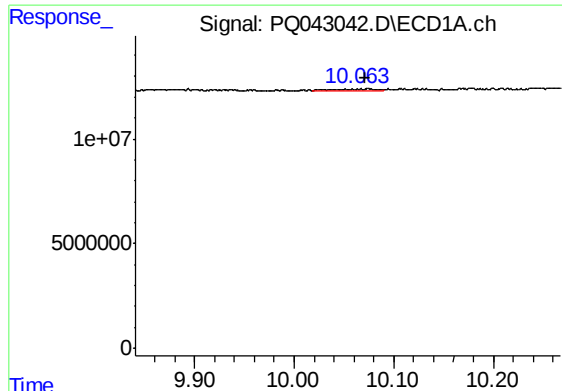
#36 AR-1262-1

R.T.: 9.479 min
Delta R.T.: -0.009 min
Response: 145562
Conc: 0.36 ng/ml



#36 AR-1262-1

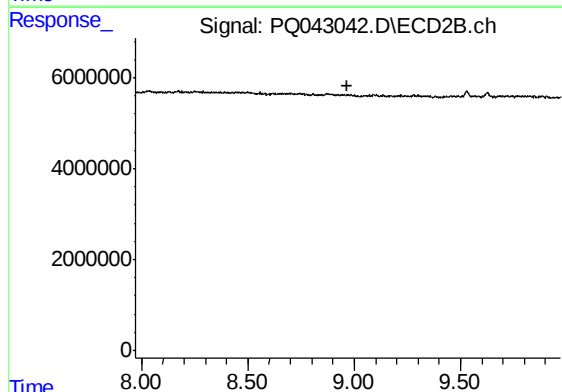
R.T.: 8.451 min
Delta R.T.: -0.051 min
Response: 364257
Conc: 1.97 ng/ml



#37 AR-1262-2

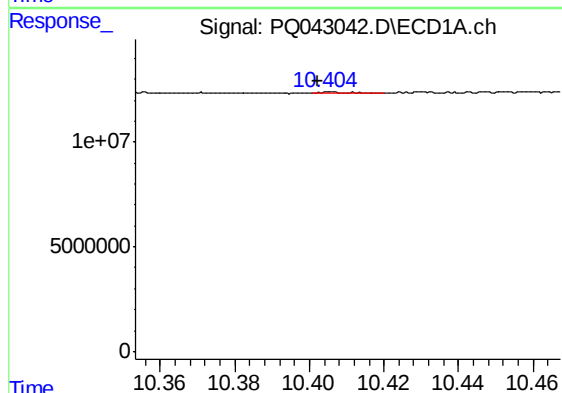
R.T.: 10.074 min
Delta R.T.: 0.002 min
Response: 3045738
Conc: 3.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ABLK20



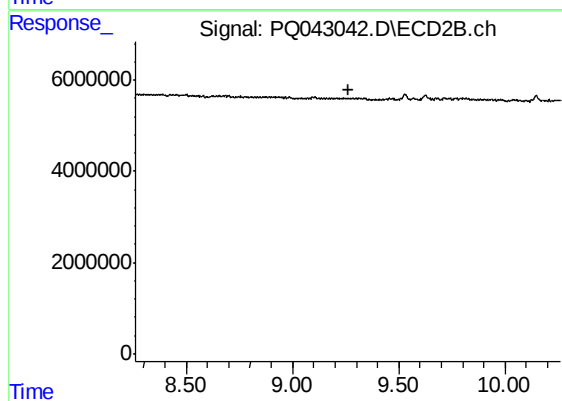
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 8.970 min
Response: 0
Conc: N.D.



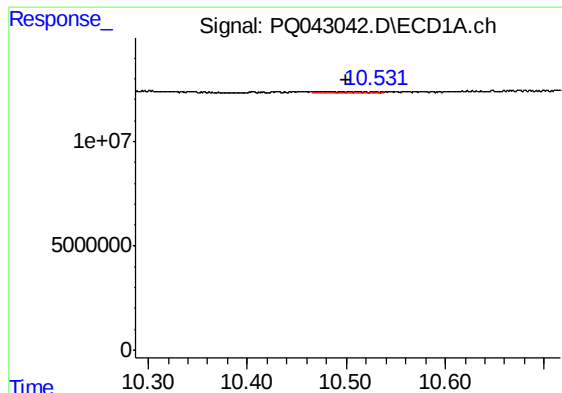
#38 AR-1262-3

R.T.: 10.406 min
Delta R.T.: 0.003 min
Response: 368829
Conc: 0.62 ng/ml



#38 AR-1262-3

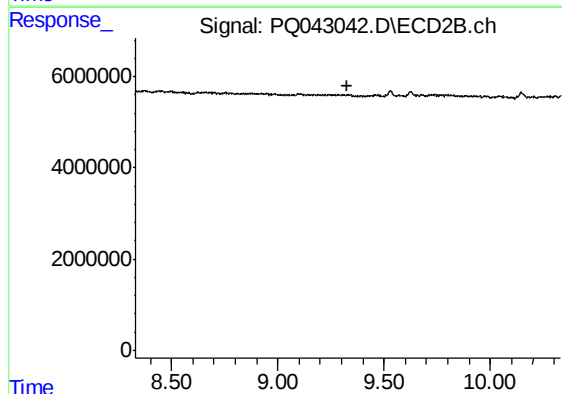
R.T.: 0.000 min
Exp R.T. : 9.261 min
Response: 0
Conc: N.D.



#39 AR-1262-4

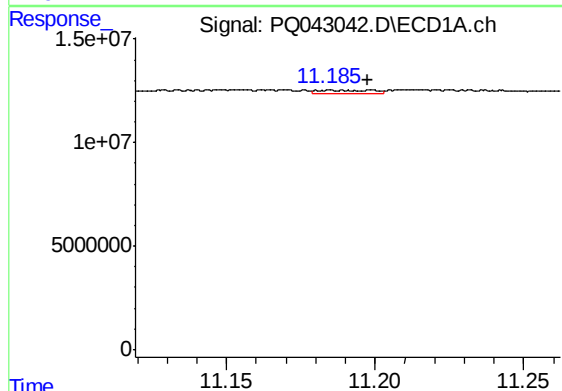
R.T.: 10.468 min
Delta R.T.: -0.031 min
Response: 1462723
Conc: 2.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ABLK20



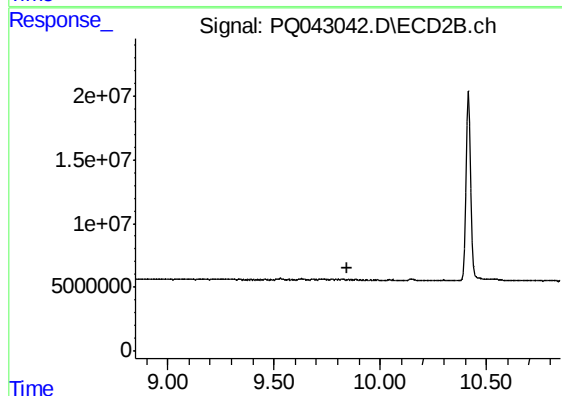
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 9.330 min
Response: 0
Conc: N.D.



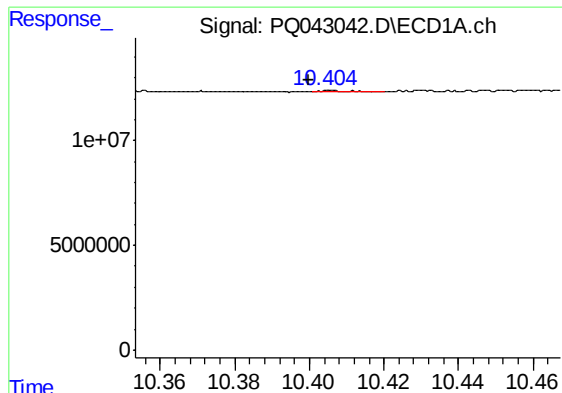
#40 AR-1262-5

R.T.: 11.185 min
Delta R.T.: -0.013 min
Response: 2044517
Conc: 5.48 ng/ml



#40 AR-1262-5

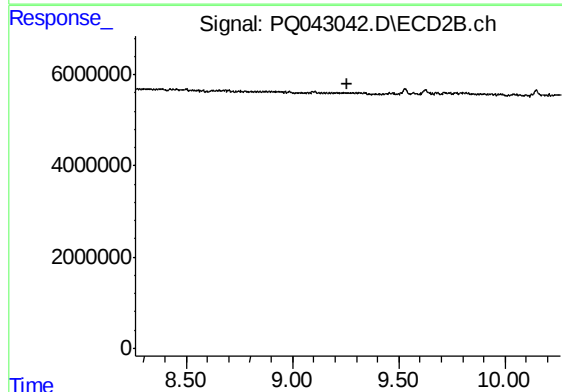
R.T.: 0.000 min
Exp R.T. : 9.848 min
Response: 0
Conc: N.D.



#41 AR-1268-1

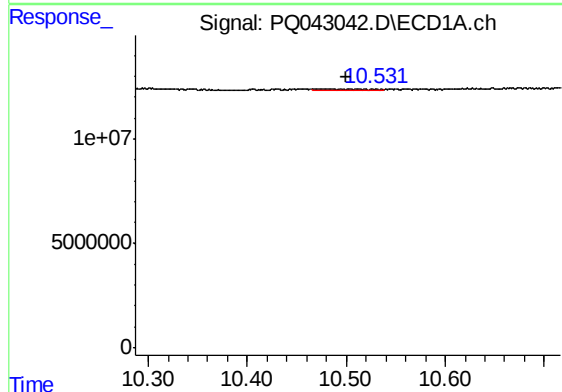
R.T.: 10.406 min
Delta R.T.: 0.006 min
Response: 368829
Conc: 0.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ABLK20



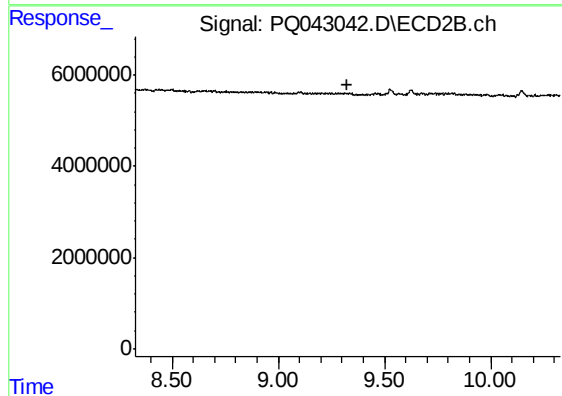
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 9.261 min
Response: 0
Conc: N.D.



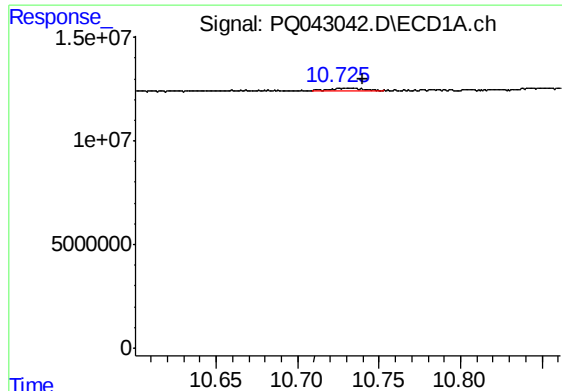
#42 AR-1268-2

R.T.: 10.468 min
Delta R.T.: -0.031 min
Response: 1462723
Conc: 1.39 ng/ml



#42 AR-1268-2

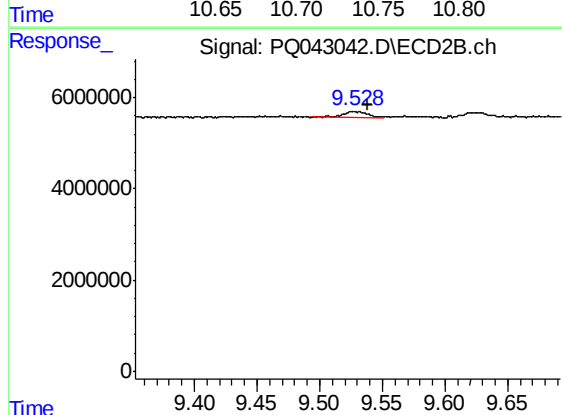
R.T.: 0.000 min
Exp R.T. : 9.328 min
Response: 0
Conc: N.D.



#43 AR-1268-3

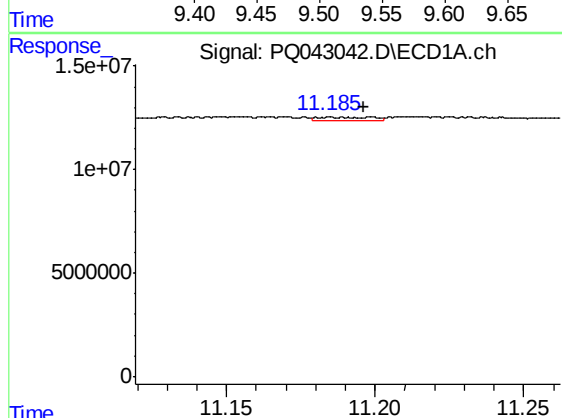
R.T.: 10.726 min
Delta R.T.: -0.014 min
Response: 2238605
Conc: 2.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ABLK20



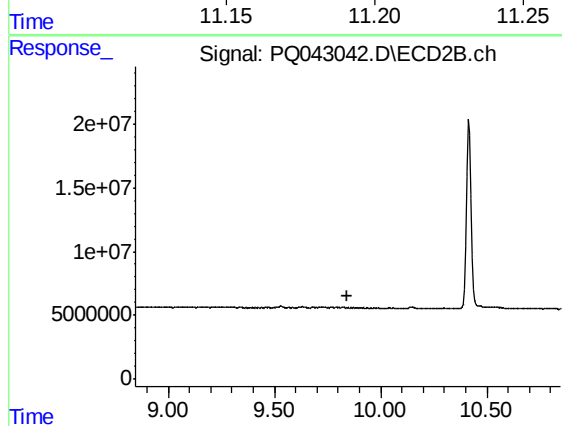
#43 AR-1268-3

R.T.: 9.529 min
Delta R.T.: -0.009 min
Response: 1739436
Conc: 1.97 ng/ml



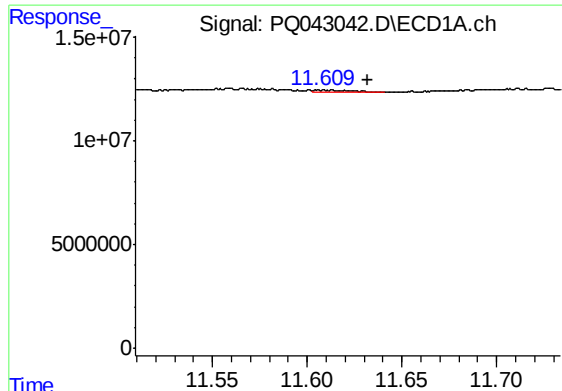
#44 AR-1268-4

R.T.: 11.185 min
Delta R.T.: -0.011 min
Response: 2044517
Conc: 5.10 ng/ml



#44 AR-1268-4

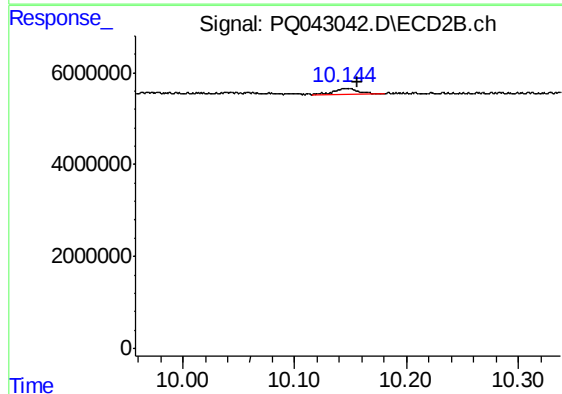
R.T.: 0.000 min
Exp R.T. : 9.846 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 11.608 min
Delta R.T.: -0.023 min
Response: 1367925
Conc: 0.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ABLK20



#45 AR-1268-5

R.T.: 10.146 min
Delta R.T.: -0.011 min
Response: 2027190
Conc: 0.73 ng/ml