

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ053019\
 Data File : PQ040421.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 May 2019 21:28
 Operator : SM\AJ
 Sample : K3079-15
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETN10

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 31 04:09:52 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 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...	5.588	4.730	43507920	32735519	13.281	15.242
2)	SA Decachlor...	11.884	10.444	165.5E6	99953325	23.172	24.038
Target Compounds							
3)	L1 AR-1016-1	7.048	6.215	1187218	34702	7.097	0.271 #
4)	L1 AR-1016-2	7.048	6.215	1187218	34702	4.516	0.180 #
5)	L1 AR-1016-3	0.000	6.394	0	764230	N.D.	7.086 #
6)	L1 AR-1016-4	0.000	6.478	0	685594	N.D.	8.052 #
7)	L1 AR-1016-5	0.000	6.728	0	589091	N.D.	5.116 #
8)	L2 AR-1221-1	0.000	5.050	0	298323	N.D.	12.173 #
9)	L2 AR-1221-2	0.000	5.176	0	126805	N.D.	7.785 #
10)	L2 AR-1221-3	6.095	5.246	948454	234013	10.736	3.848 #
11)	L3 AR-1232-1	6.095	5.246	948454	234013	14.644	5.107 #
12)	L3 AR-1232-2	6.693	6.215	2299653	34702	58.002	0.578 #
13)	L3 AR-1232-3	7.048	6.394	1187218	764230	14.691	21.731 #
14)	L3 AR-1232-4	0.000	6.512	0	910914	N.D.	30.828 #
15)	L3 AR-1232-5	0.000	6.728	0	589091	N.D.	19.568 #
16)	L4 AR-1242-1	7.048	6.215	1187218	34702	12.245	0.469 #
17)	L4 AR-1242-2	7.048	6.215	1187218	34702	8.215	0.326 #
18)	L4 AR-1242-3	0.000	6.394	0	764230	N.D.	12.669 #
19)	L4 AR-1242-4	0.000	6.512	0	910914	N.D.	15.284 #
20)	L4 AR-1242-5	8.061	7.125	1977615	288344	22.812	3.578 #
21)	L5 AR-1248-1	7.048	6.215	1187218	34702	15.338	0.602 #
22)	L5 AR-1248-2	0.000	6.478	0	685594	N.D.	7.798 #
23)	L5 AR-1248-3	0.000	6.512	0	910914	N.D.	10.067 #
24)	L5 AR-1248-4	8.061	6.728	1977615	589091	13.099	5.335 #
25)	L5 AR-1248-5	8.061	7.166	1977615	743651	13.135	6.550 #
26)	L6 AR-1254-1	8.030	7.125	3667026	288344	21.027	1.505 #
27)	L6 AR-1254-2	8.230	7.319	1212284	375298	4.384	2.160 #
28)	L6 AR-1254-3	0.000	7.740	0	1318798	N.D.	4.564 #
29)	L6 AR-1254-4	0.000	7.984	0	886428	N.D.	4.965 #
30)	L6 AR-1254-5	0.000	8.458	0	543571	N.D.	2.110 #
31)	L7 AR-1260-1	0.000	7.874	0	722416	N.D.	2.635 #
32)	L7 AR-1260-2	9.064	8.082	1936852	725579	4.795	2.098 #
33)	L7 AR-1260-3	0.000	8.242	0	622385	N.D.	1.941 #
34)	L7 AR-1260-4	0.000	8.782	0	604462	N.D.	2.225 #
35)	L7 AR-1260-5	10.113	8.995	1235608	936443	1.605	1.393
36)	L8 AR-1262-1	0.000	8.558	0	234697	N.D.	2.067 #
37)	L8 AR-1262-2	10.113	8.995	1235608	936443	2.135	1.887
38)	L8 AR-1262-3	0.000	9.277	0	1815675	N.D.	8.636 #
39)	L8 AR-1262-4	0.000	9.350	0	836990	N.D.	2.211 #
40)	L8 AR-1262-5	0.000	9.865	0	6914117	N.D.	42.645 #
41)	L9 AR-1268-1	0.000	9.277	0	1815675	N.D.	3.979 #
42)	L9 AR-1268-2	0.000	9.350	0	836990	N.D.	1.914 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 31 04:09:52 2019
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 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 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
43) L9	AR-1268-3	0.000	9.559	0	1050142	N.D.	2.797 #
44) L9	AR-1268-4	0.000	9.865	0	6914117	N.D.	50.181 #
45) L9	AR-1268-5	11.547	10.177	1441624	2241888	0.780	1.900 #

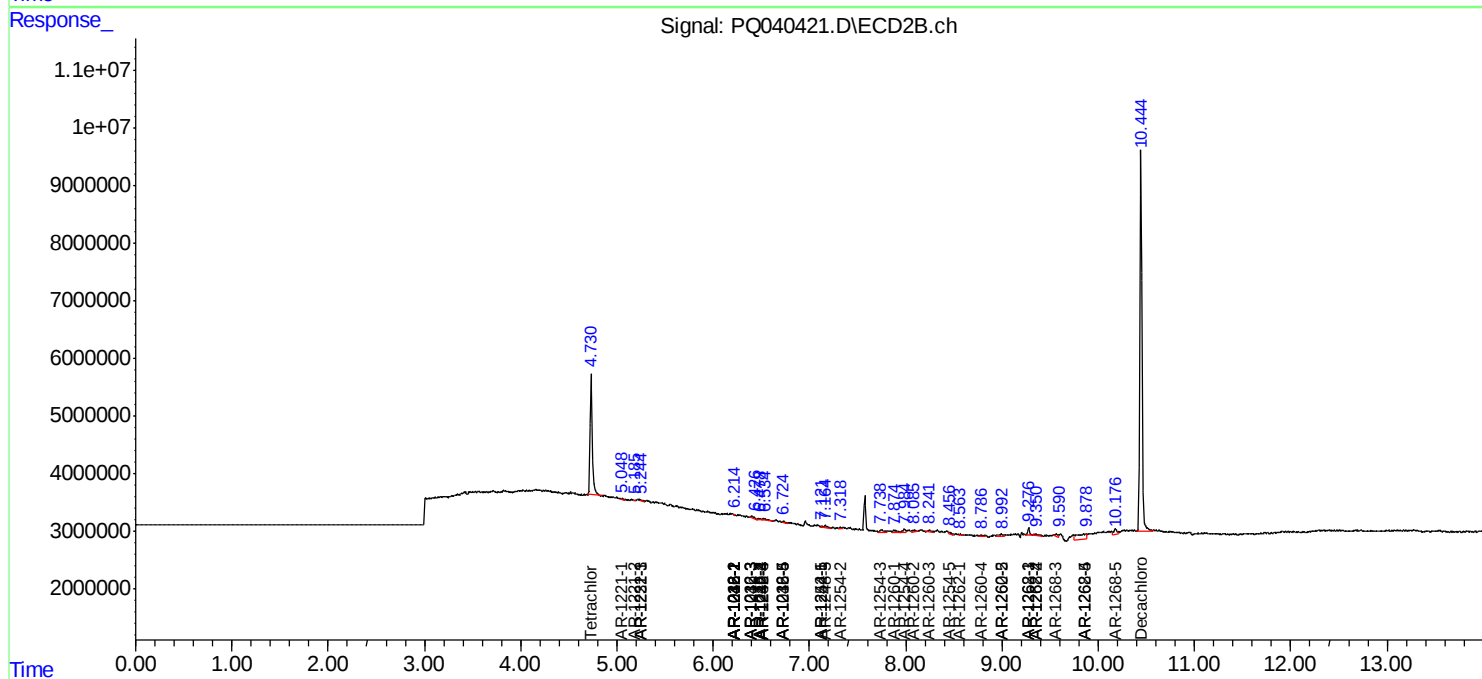
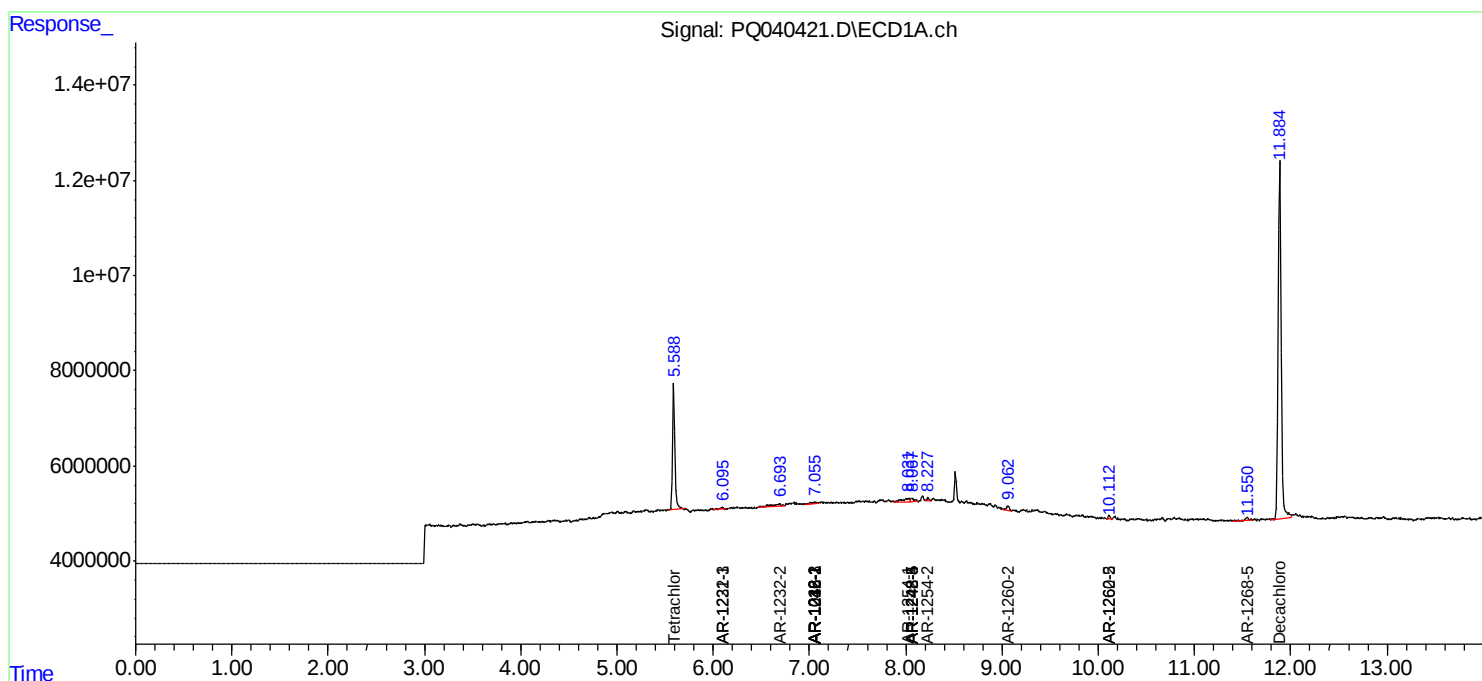
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

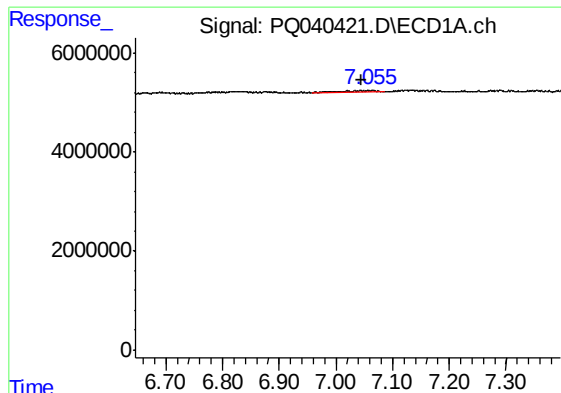
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Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

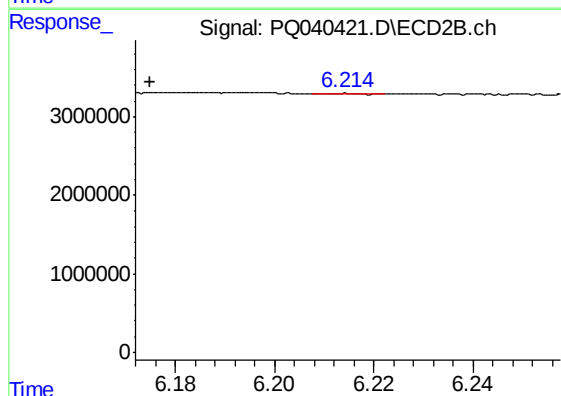




#3 AR-1016-1

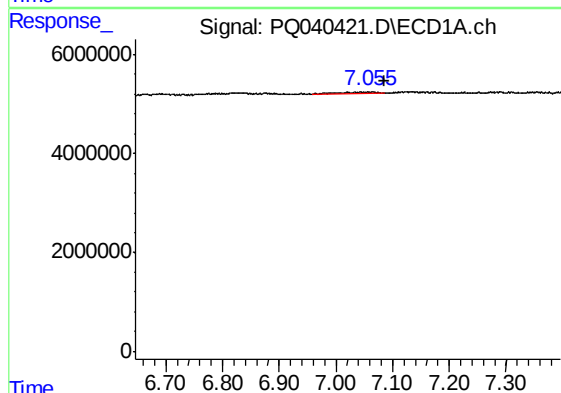
R.T.: 7.048 min
Delta R.T.: 0.003 min
Response: 1187218
Conc: 7.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN10



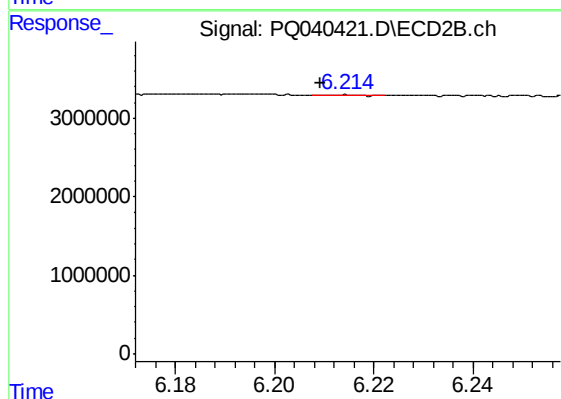
#3 AR-1016-1

R.T.: 6.215 min
Delta R.T.: 0.040 min
Response: 34702
Conc: 0.27 ng/ml



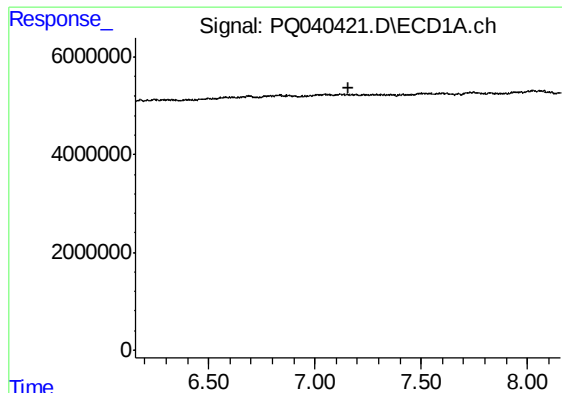
#4 AR-1016-2

R.T.: 7.048 min
Delta R.T.: -0.037 min
Response: 1187218
Conc: 4.52 ng/ml



#4 AR-1016-2

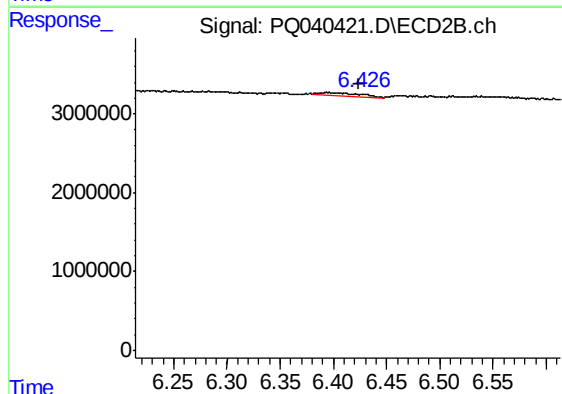
R.T.: 6.215 min
Delta R.T.: 0.006 min
Response: 34702
Conc: 0.18 ng/ml



#5 AR-1016-3

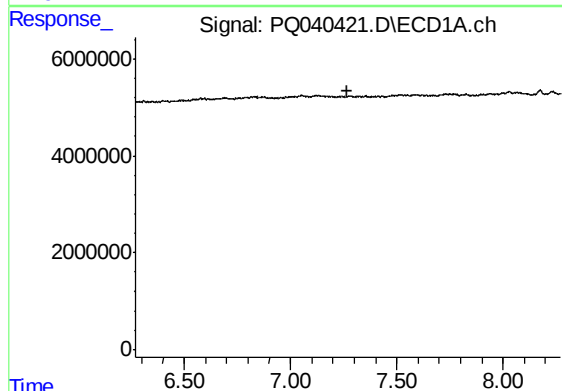
R.T.: 0.000 min
Exp R.T. : 7.156 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETN10



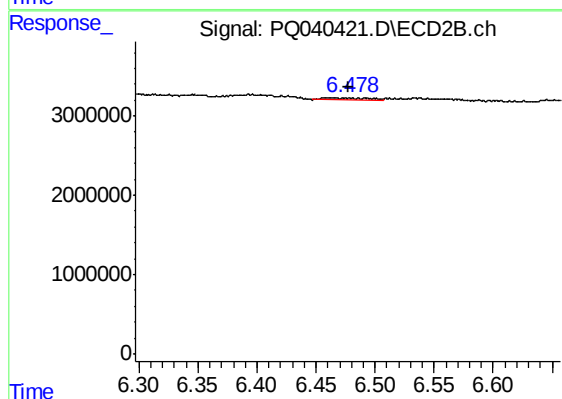
#5 AR-1016-3

R.T.: 6.394 min
Delta R.T.: -0.029 min
Response: 764230
Conc: 7.09 ng/ml



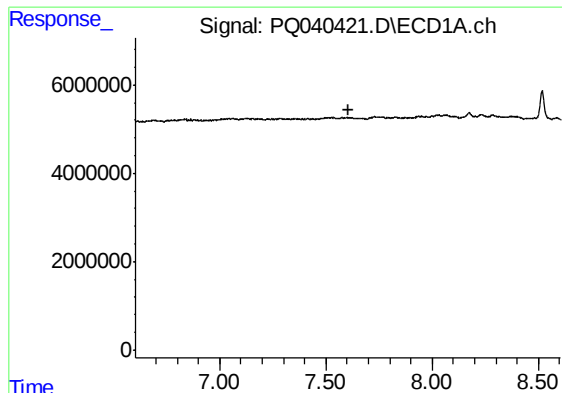
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 7.271 min
Response: 0
Conc: N.D.



#6 AR-1016-4

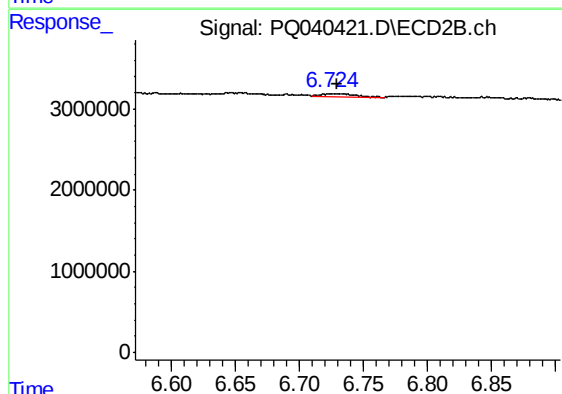
R.T.: 6.478 min
Delta R.T.: 0.000 min
Response: 685594
Conc: 8.05 ng/ml



#7 AR-1016-5

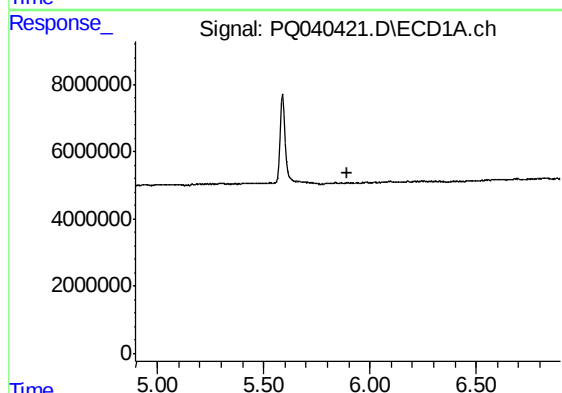
R.T.: 0.000 min
Exp R.T. : 7.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETN10



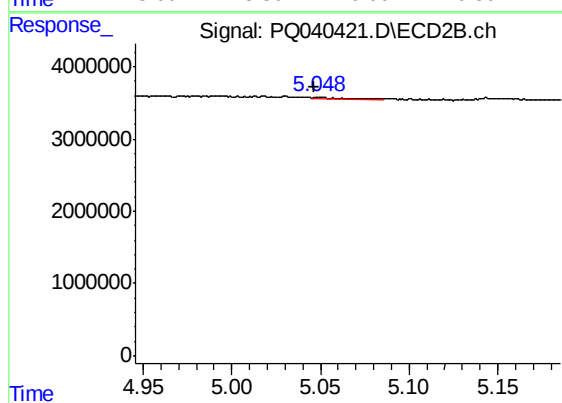
#7 AR-1016-5

R.T.: 6.728 min
Delta R.T.: -0.001 min
Response: 589091
Conc: 5.12 ng/ml



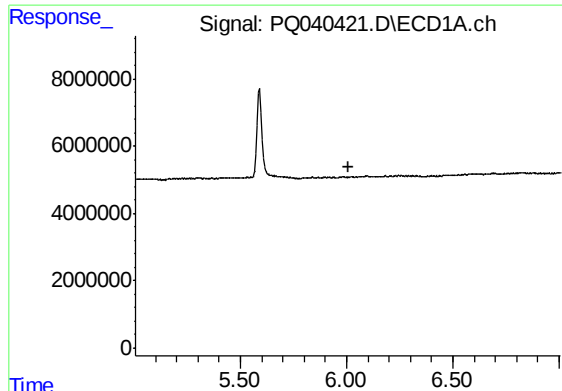
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.897 min
Response: 0
Conc: N.D.



#8 AR-1221-1

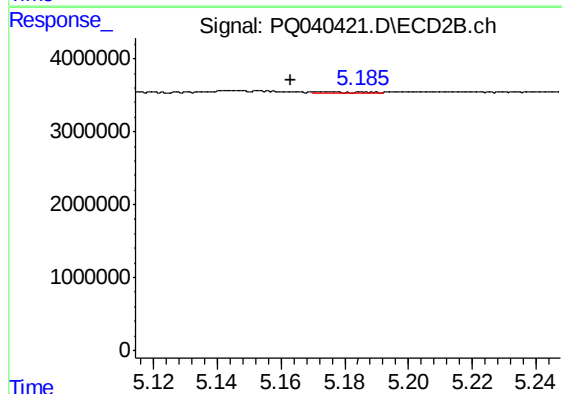
R.T.: 5.050 min
Delta R.T.: 0.004 min
Response: 298323
Conc: 12.17 ng/ml



#9 AR-1221-2

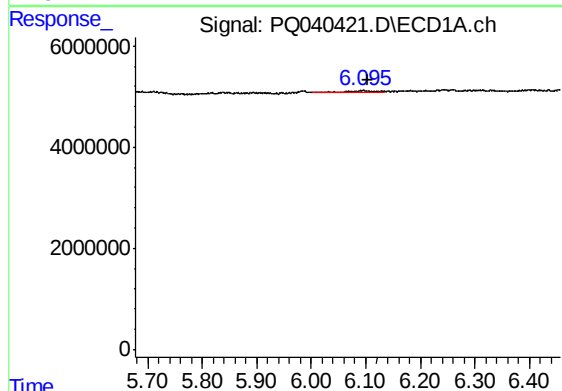
R.T.: 0.000 min
Exp R.T.: 6.006 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETN10



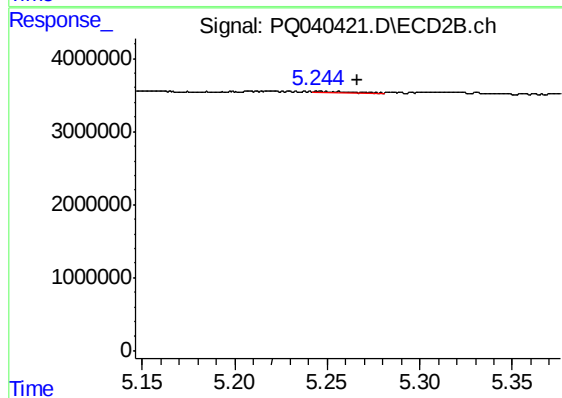
#9 AR-1221-2

R.T.: 5.176 min
Delta R.T.: 0.013 min
Response: 126805
Conc: 7.79 ng/ml



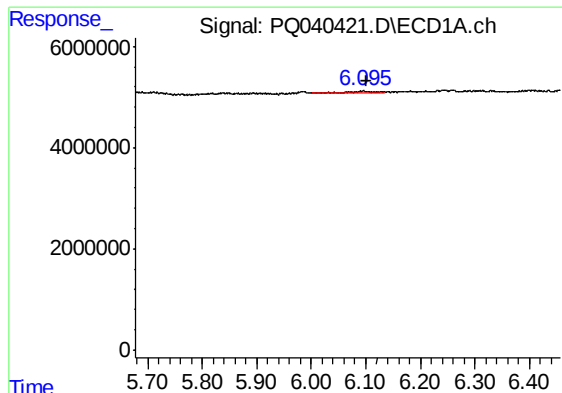
#10 AR-1221-3

R.T.: 6.095 min
Delta R.T.: -0.008 min
Response: 948454
Conc: 10.74 ng/ml



#10 AR-1221-3

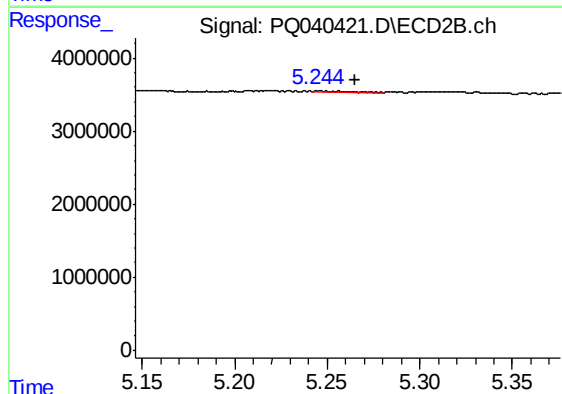
R.T.: 5.246 min
Delta R.T.: -0.021 min
Response: 234013
Conc: 3.85 ng/ml



#11 AR-1232-1

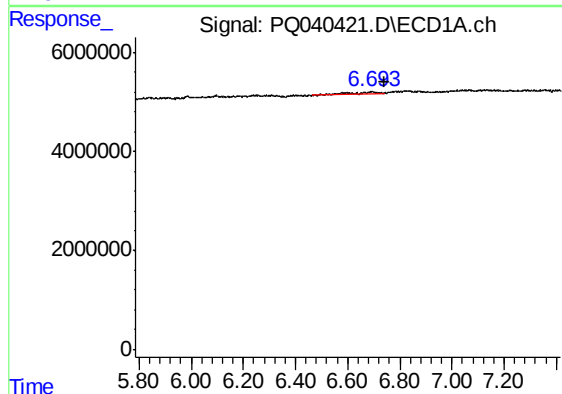
R.T.: 6.095 min
Delta R.T.: -0.006 min
Response: 948454
Conc: 14.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN10



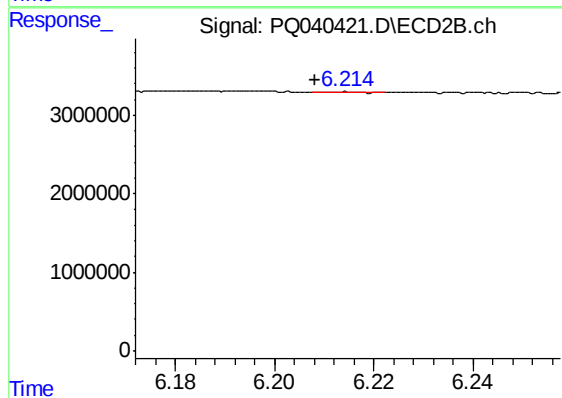
#11 AR-1232-1

R.T.: 5.246 min
Delta R.T.: -0.020 min
Response: 234013
Conc: 5.11 ng/ml



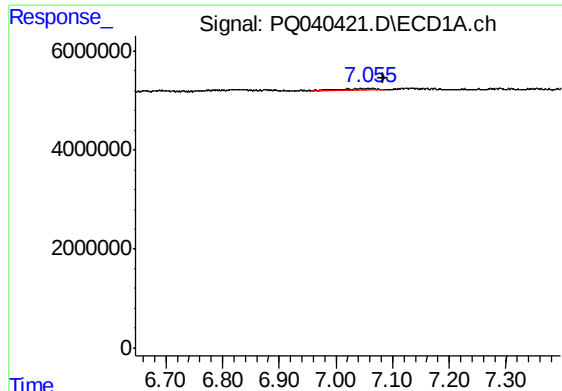
#12 AR-1232-2

R.T.: 6.693 min
Delta R.T.: -0.050 min
Response: 2299653
Conc: 58.00 ng/ml



#12 AR-1232-2

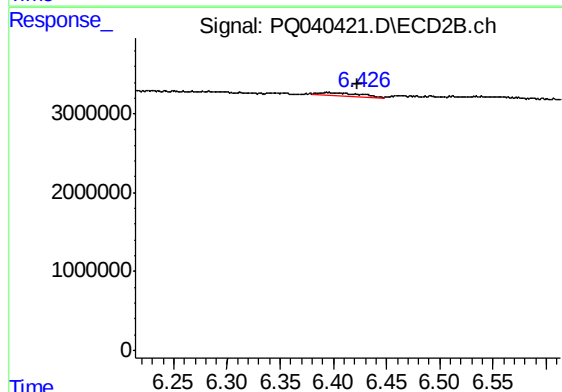
R.T.: 6.215 min
Delta R.T.: 0.007 min
Response: 34702
Conc: 0.58 ng/ml



#13 AR-1232-3

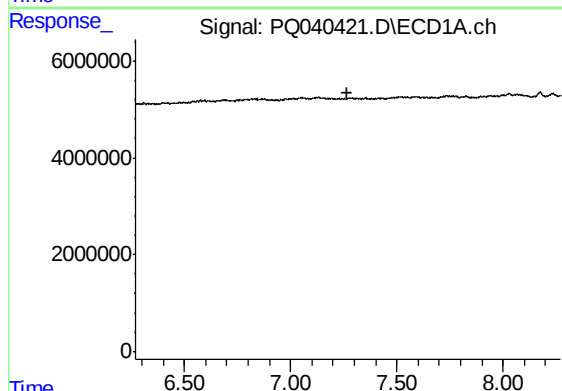
R.T.: 7.048 min
Delta R.T.: -0.036 min
Response: 1187218
Conc: 14.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN10



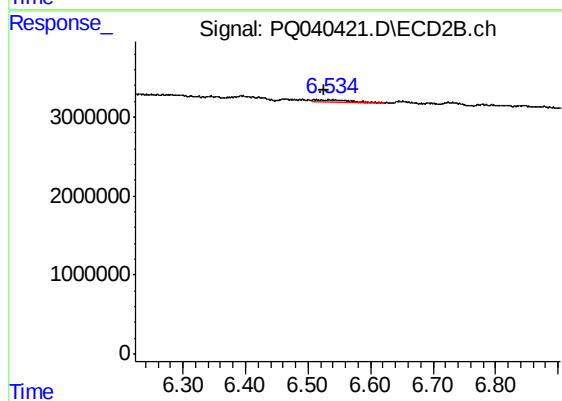
#13 AR-1232-3

R.T.: 6.394 min
Delta R.T.: -0.028 min
Response: 764230
Conc: 21.73 ng/ml



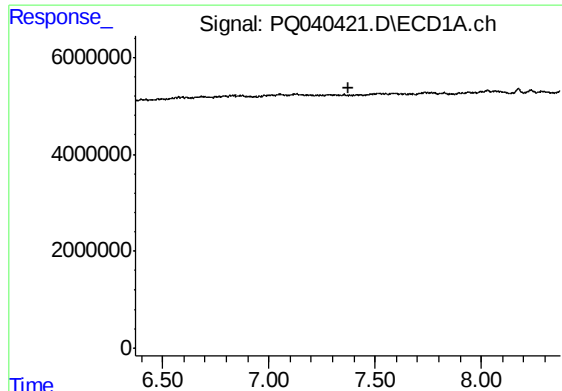
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 7.270 min
Response: 0
Conc: N.D.



#14 AR-1232-4

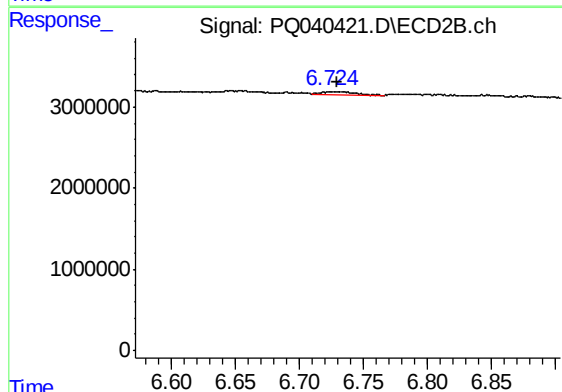
R.T.: 6.512 min
Delta R.T.: -0.014 min
Response: 910914
Conc: 30.83 ng/ml



#15 AR-1232-5

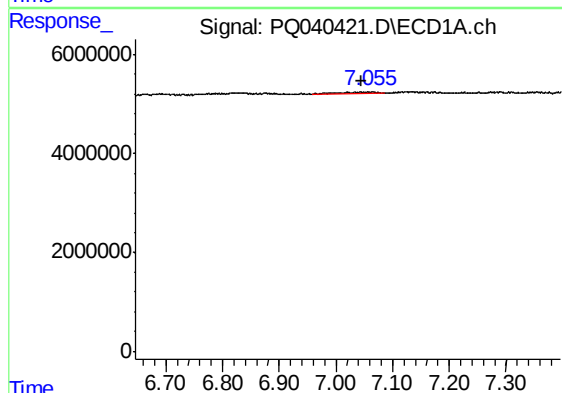
R.T.: 0.000 min
Exp R.T.: 7.372 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETN10



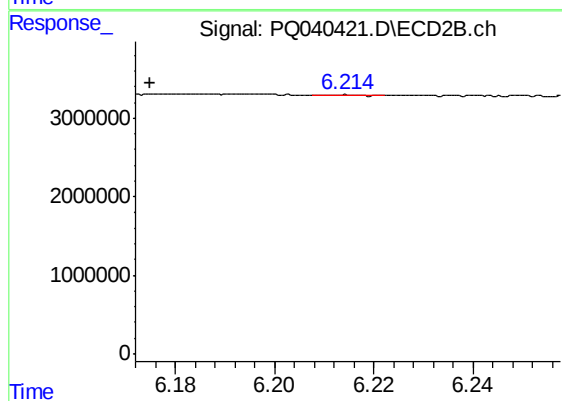
#15 AR-1232-5

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 589091
Conc: 19.57 ng/ml



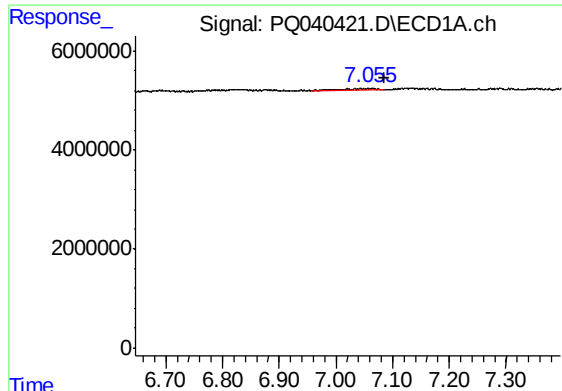
#16 AR-1242-1

R.T.: 7.048 min
Delta R.T.: 0.003 min
Response: 1187218
Conc: 12.24 ng/ml



#16 AR-1242-1

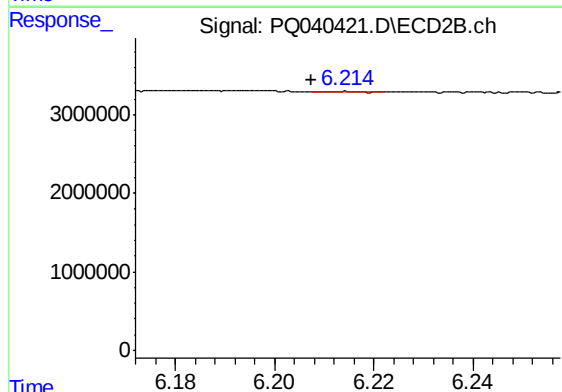
R.T.: 6.215 min
Delta R.T.: 0.040 min
Response: 34702
Conc: 0.47 ng/ml



#17 AR-1242-2

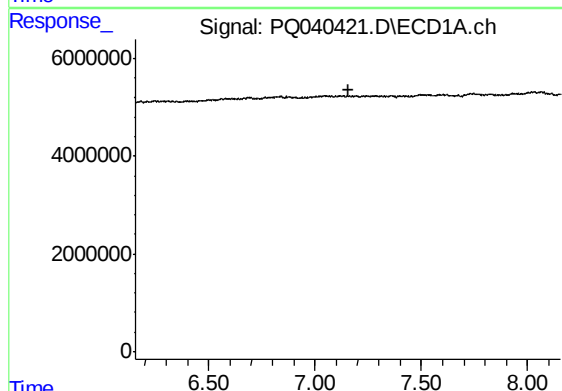
R.T.: 7.048 min
Delta R.T.: -0.037 min
Response: 1187218
Conc: 8.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN10



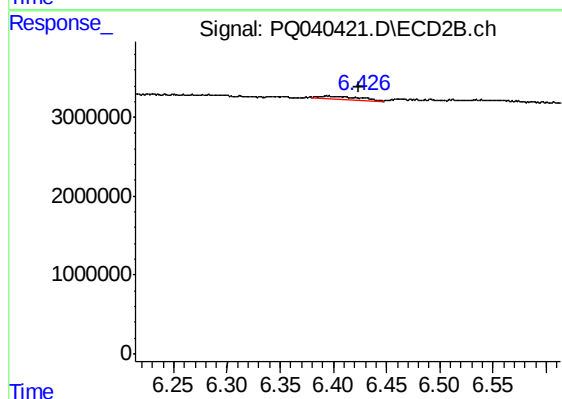
#17 AR-1242-2

R.T.: 6.215 min
Delta R.T.: 0.008 min
Response: 34702
Conc: 0.33 ng/ml



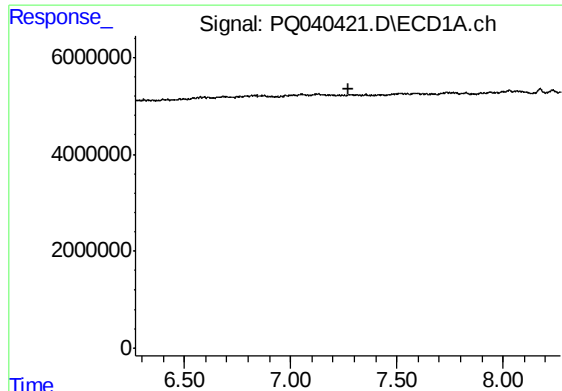
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 7.155 min
Response: 0
Conc: N.D.



#18 AR-1242-3

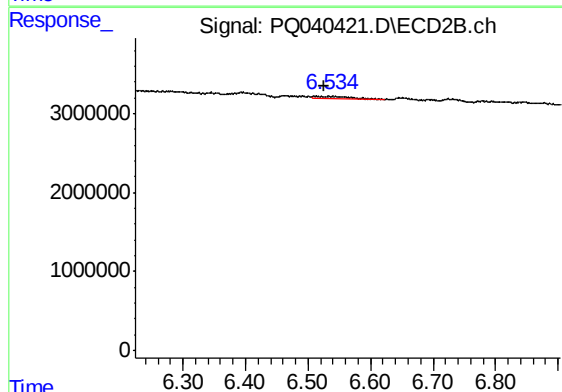
R.T.: 6.394 min
Delta R.T.: -0.029 min
Response: 764230
Conc: 12.67 ng/ml



#19 AR-1242-4

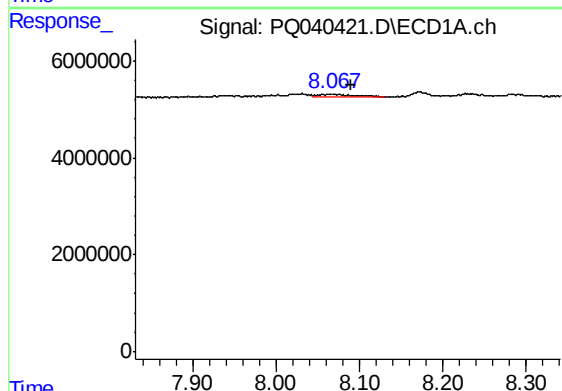
R.T.: 0.000 min
Exp R.T.: 7.270 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETN10



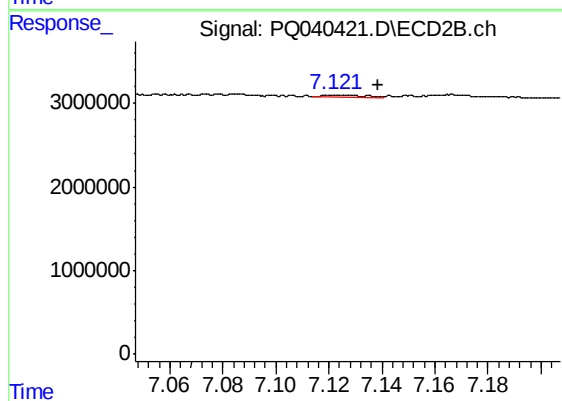
#19 AR-1242-4

R.T.: 6.512 min
Delta R.T.: -0.013 min
Response: 910914
Conc: 15.28 ng/ml



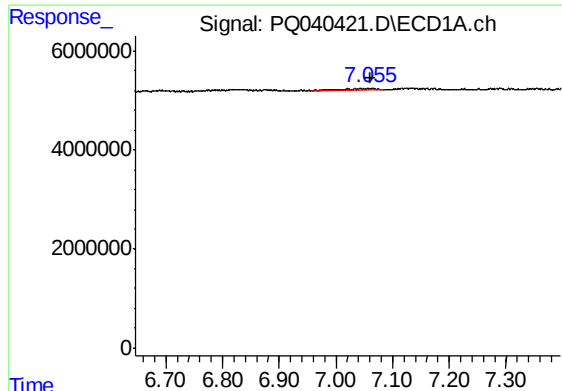
#20 AR-1242-5

R.T.: 8.061 min
Delta R.T.: -0.029 min
Response: 1977615
Conc: 22.81 ng/ml



#20 AR-1242-5

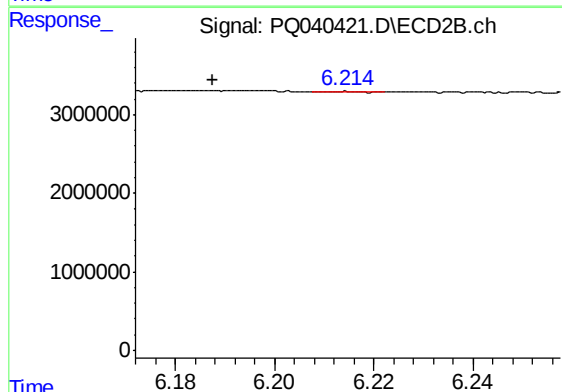
R.T.: 7.125 min
Delta R.T.: -0.014 min
Response: 288344
Conc: 3.58 ng/ml



#21 AR-1248-1

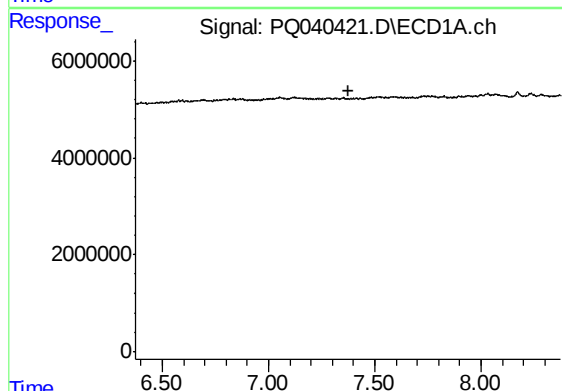
R.T.: 7.048 min
Delta R.T.: -0.013 min
Response: 1187218
Conc: 15.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN10



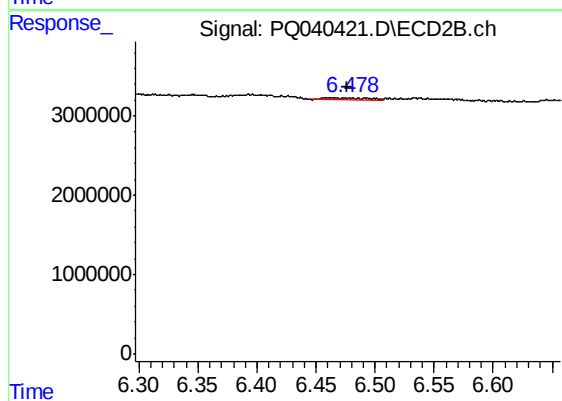
#21 AR-1248-1

R.T.: 6.215 min
Delta R.T.: 0.028 min
Response: 34702
Conc: 0.60 ng/ml



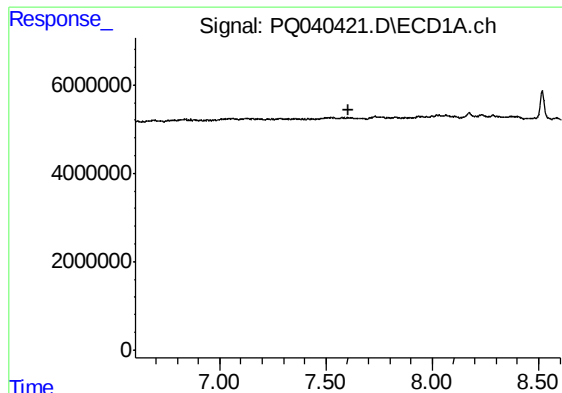
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 7.374 min
Response: 0
Conc: N.D.



#22 AR-1248-2

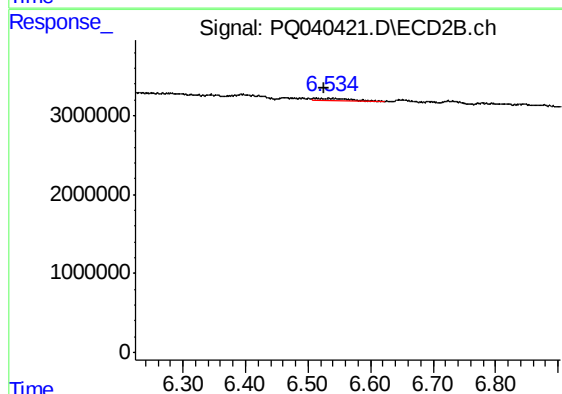
R.T.: 6.478 min
Delta R.T.: 0.001 min
Response: 685594
Conc: 7.80 ng/ml



#23 AR-1248-3

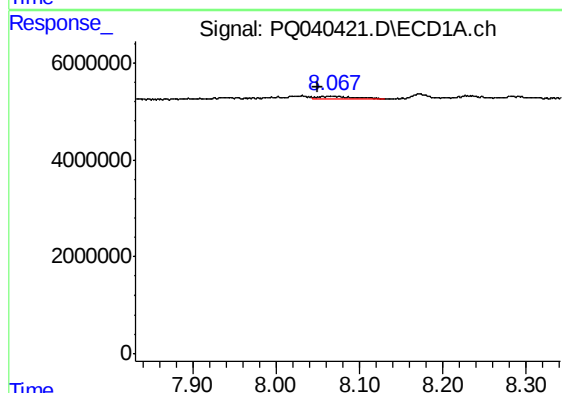
R.T.: 0.000 min
Exp R.T.: 7.603 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETN10



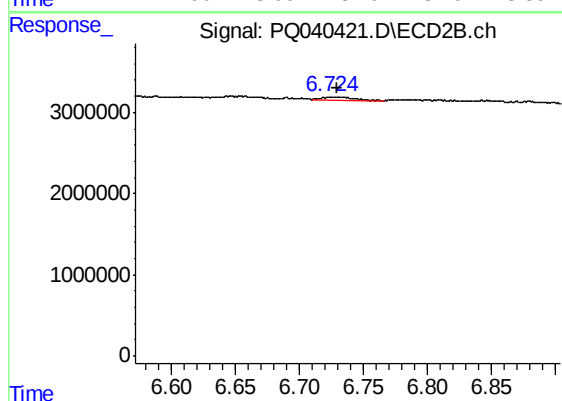
#23 AR-1248-3

R.T.: 6.512 min
Delta R.T.: -0.014 min
Response: 910914
Conc: 10.07 ng/ml



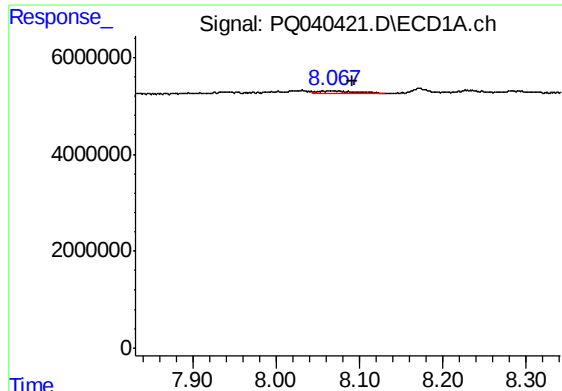
#24 AR-1248-4

R.T.: 8.061 min
Delta R.T.: 0.011 min
Response: 1977615
Conc: 13.10 ng/ml



#24 AR-1248-4

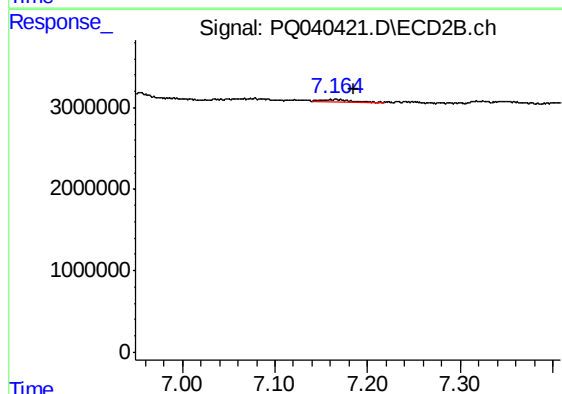
R.T.: 6.728 min
Delta R.T.: -0.001 min
Response: 589091
Conc: 5.33 ng/ml



#25 AR-1248-5

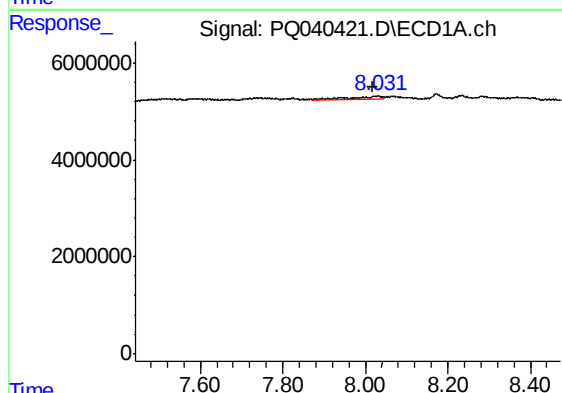
R.T.: 8.061 min
Delta R.T.: -0.030 min
Response: 1977615
Conc: 13.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN10



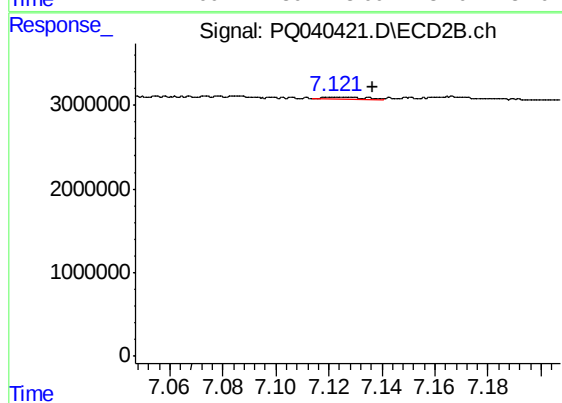
#25 AR-1248-5

R.T.: 7.166 min
Delta R.T.: -0.019 min
Response: 743651
Conc: 6.55 ng/ml



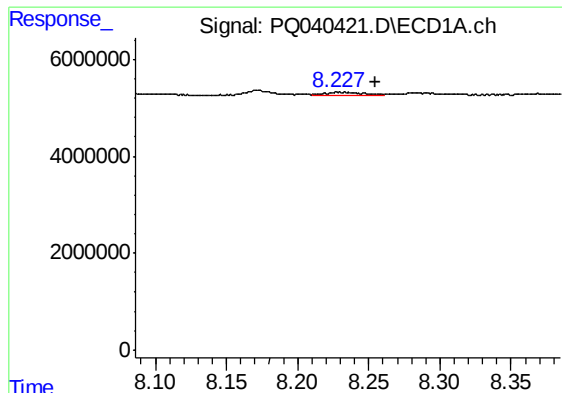
#26 AR-1254-1

R.T.: 8.030 min
Delta R.T.: 0.012 min
Response: 3667026
Conc: 21.03 ng/ml



#26 AR-1254-1

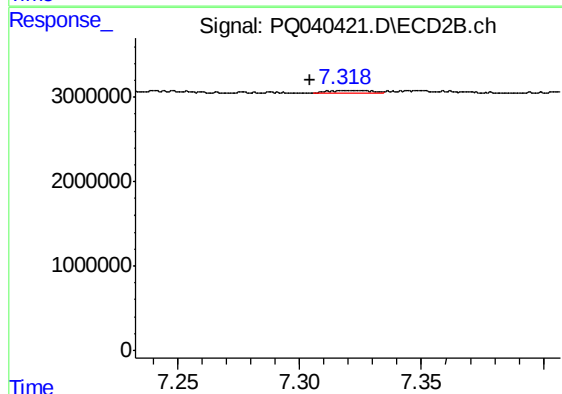
R.T.: 7.125 min
Delta R.T.: -0.012 min
Response: 288344
Conc: 1.51 ng/ml



#27 AR-1254-2

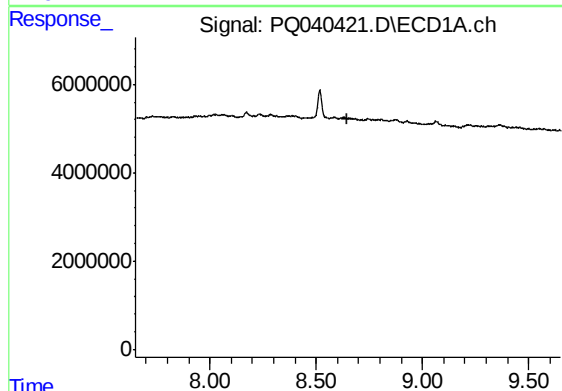
R.T.: 8.230 min
Delta R.T.: -0.024 min
Response: 1212284
Conc: 4.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN10



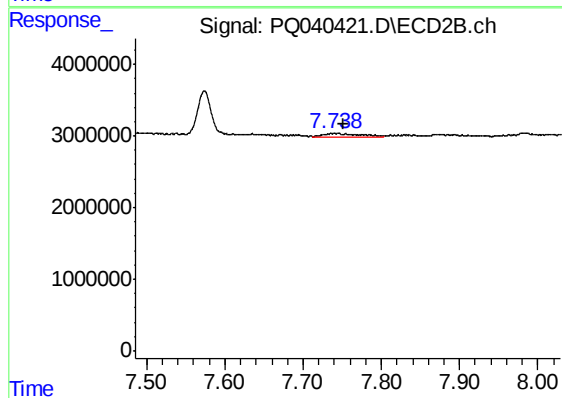
#27 AR-1254-2

R.T.: 7.319 min
Delta R.T.: 0.015 min
Response: 375298
Conc: 2.16 ng/ml



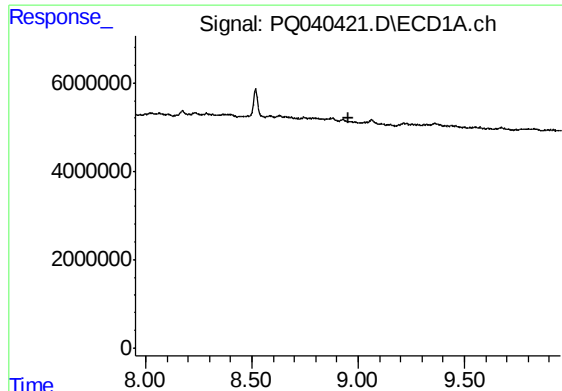
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 8.650 min
Response: 0
Conc: N.D.



#28 AR-1254-3

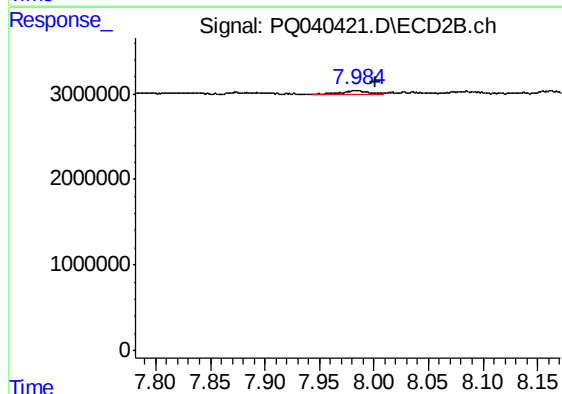
R.T.: 7.740 min
Delta R.T.: -0.012 min
Response: 1318798
Conc: 4.56 ng/ml



#29 AR-1254-4

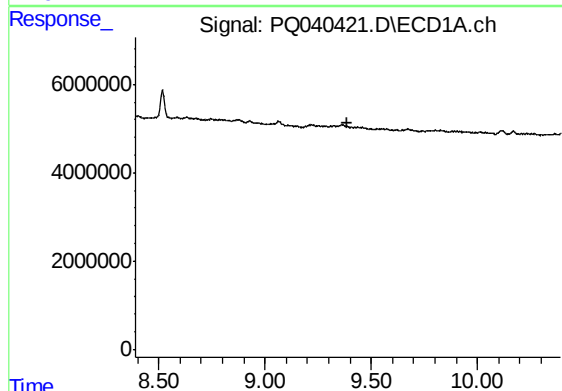
R.T.: 0.000 min
Exp R.T. : 8.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETN10



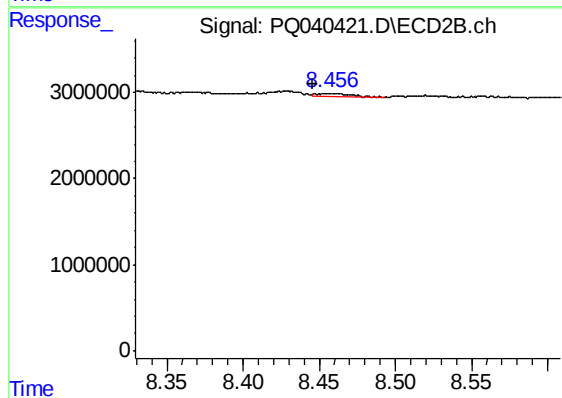
#29 AR-1254-4

R.T.: 7.984 min
Delta R.T.: -0.018 min
Response: 886428
Conc: 4.96 ng/ml



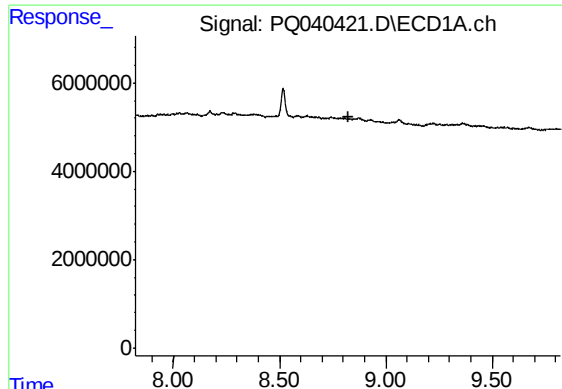
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 9.390 min
Response: 0
Conc: N.D.



#30 AR-1254-5

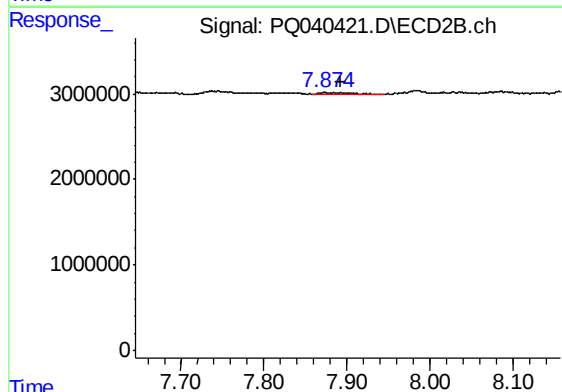
R.T.: 8.458 min
Delta R.T.: 0.013 min
Response: 543571
Conc: 2.11 ng/ml



#31 AR-1260-1

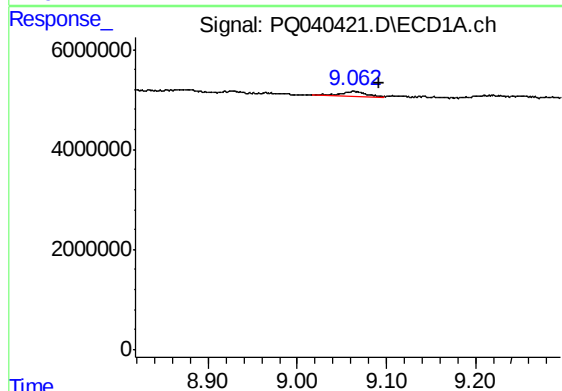
R.T.: 0.000 min
Exp R.T.: 8.822 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETN10



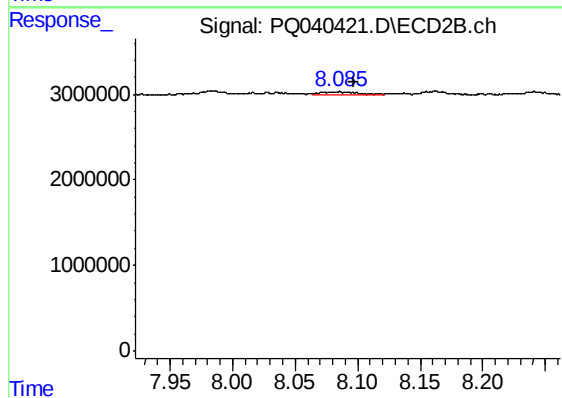
#31 AR-1260-1

R.T.: 7.874 min
Delta R.T.: -0.019 min
Response: 722416
Conc: 2.64 ng/ml



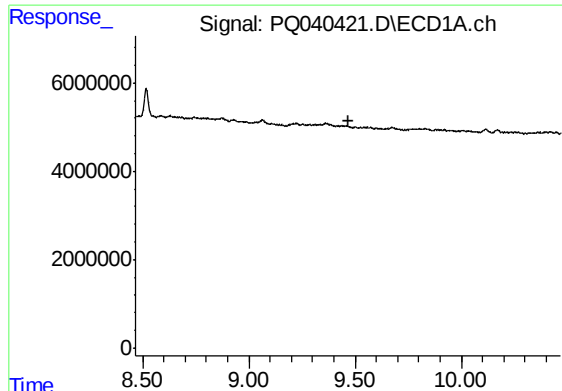
#32 AR-1260-2

R.T.: 9.064 min
Delta R.T.: -0.029 min
Response: 1936852
Conc: 4.79 ng/ml



#32 AR-1260-2

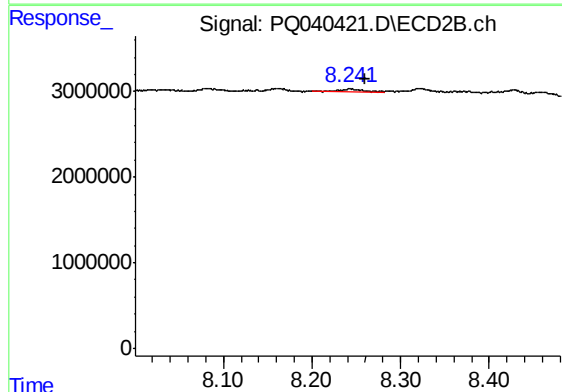
R.T.: 8.082 min
Delta R.T.: -0.015 min
Response: 725579
Conc: 2.10 ng/ml



#33 AR-1260-3

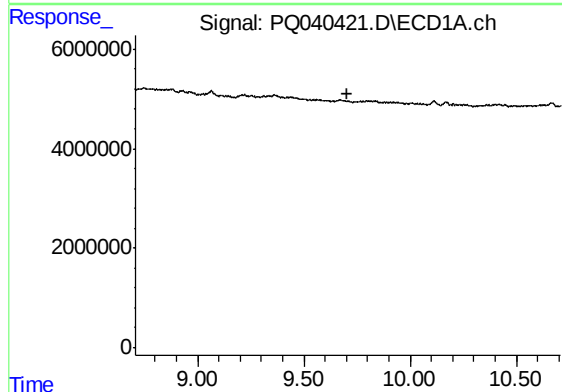
R.T.: 0.000 min
Exp R.T. : 9.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETN10



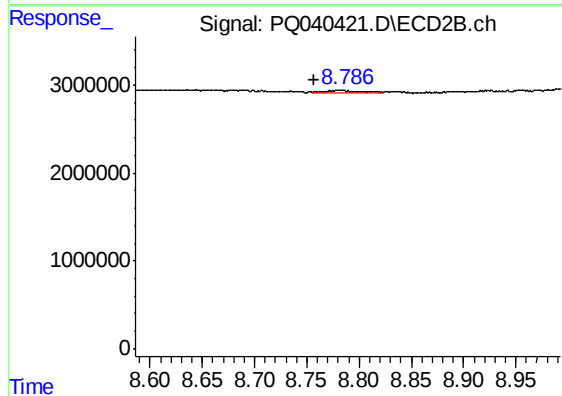
#33 AR-1260-3

R.T.: 8.242 min
Delta R.T.: -0.018 min
Response: 622385
Conc: 1.94 ng/ml



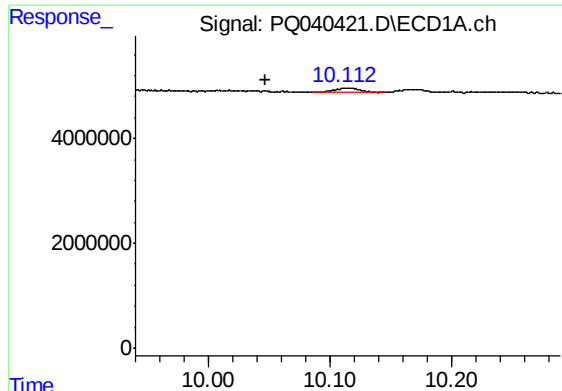
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 9.707 min
Response: 0
Conc: N.D.



#34 AR-1260-4

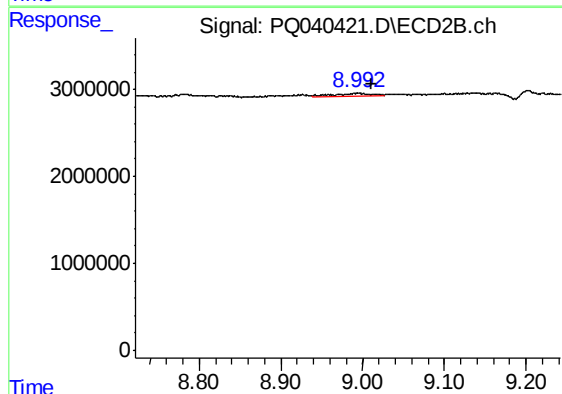
R.T.: 8.782 min
Delta R.T.: 0.026 min
Response: 604462
Conc: 2.22 ng/ml



#35 AR-1260-5

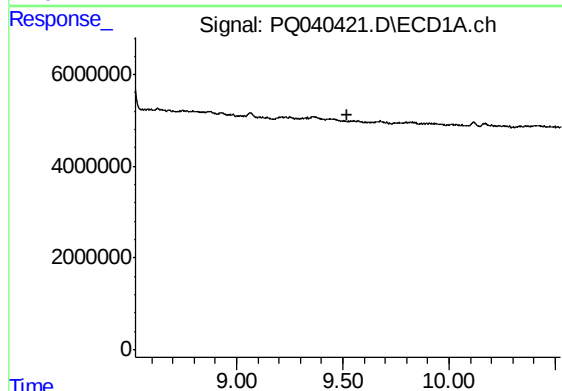
R.T.: 10.113 min
Delta R.T.: 0.066 min
Response: 1235608
Conc: 1.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN10



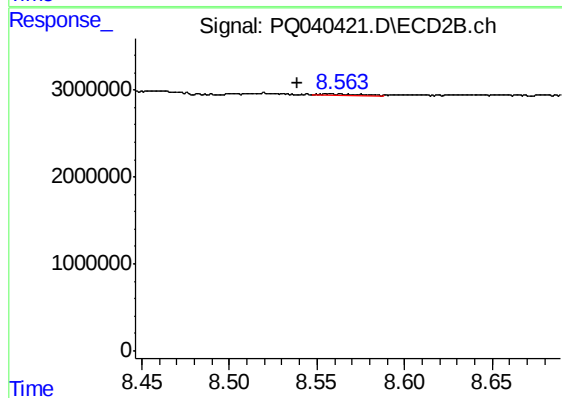
#35 AR-1260-5

R.T.: 8.995 min
Delta R.T.: -0.016 min
Response: 936443
Conc: 1.39 ng/ml



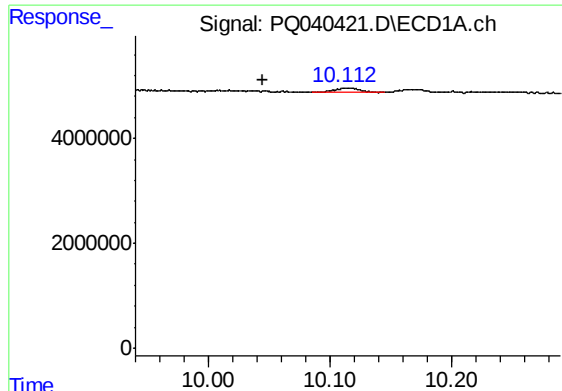
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 9.524 min
Response: 0
Conc: N.D.



#36 AR-1262-1

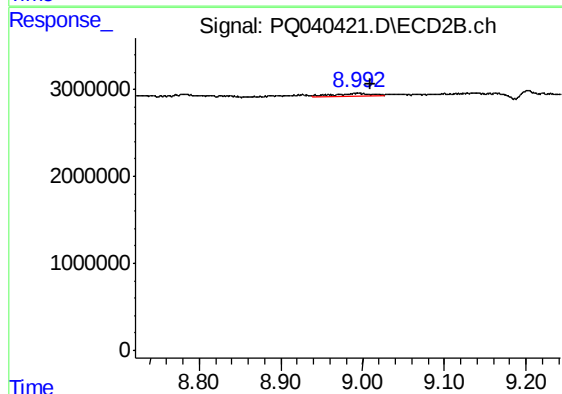
R.T.: 8.558 min
Delta R.T.: 0.019 min
Response: 234697
Conc: 2.07 ng/ml



#37 AR-1262-2

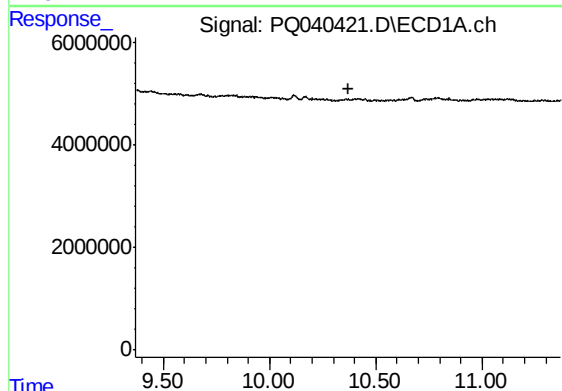
R.T.: 10.113 min
Delta R.T.: 0.069 min
Response: 1235608
Conc: 2.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN10



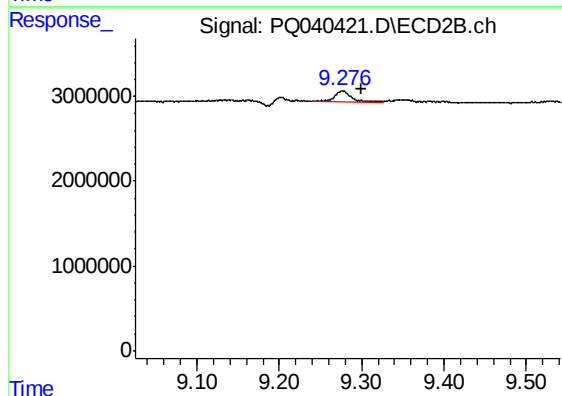
#37 AR-1262-2

R.T.: 8.995 min
Delta R.T.: -0.015 min
Response: 936443
Conc: 1.89 ng/ml



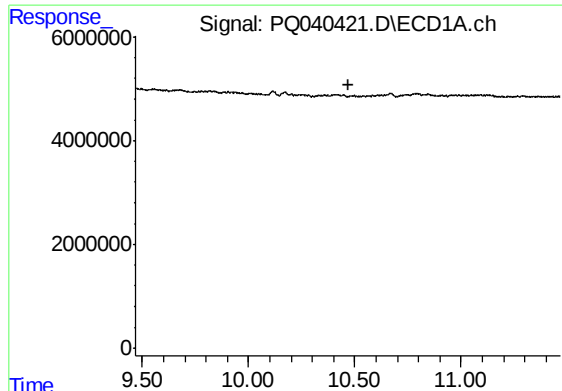
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 10.369 min
Response: 0
Conc: N.D.



#38 AR-1262-3

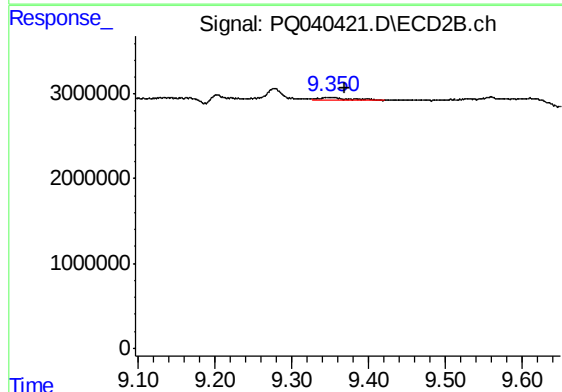
R.T.: 9.277 min
Delta R.T.: -0.024 min
Response: 1815675
Conc: 8.64 ng/ml



#39 AR-1262-4

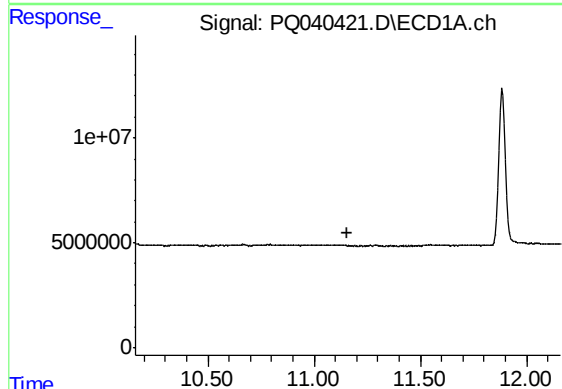
R.T.: 0.000 min
Exp R.T. : 10.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETN10



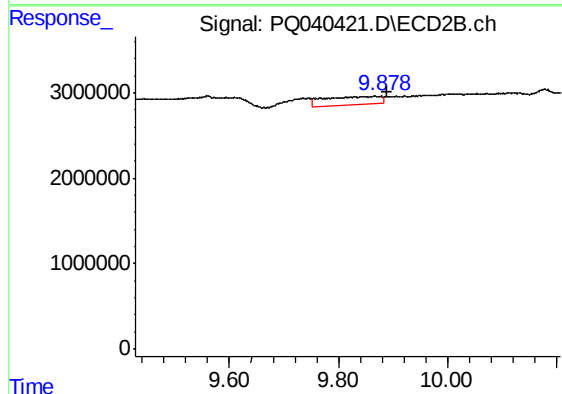
#39 AR-1262-4

R.T.: 9.350 min
Delta R.T.: -0.019 min
Response: 836990
Conc: 2.21 ng/ml



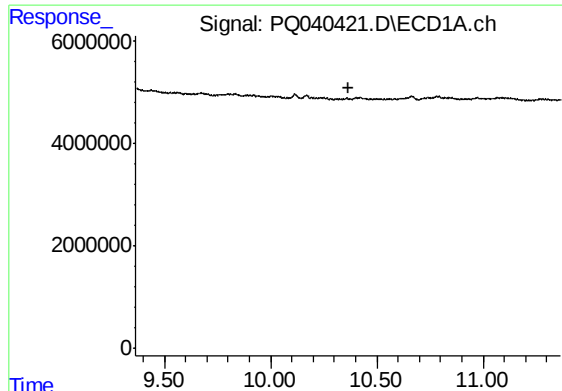
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 11.159 min
Response: 0
Conc: N.D.



#40 AR-1262-5

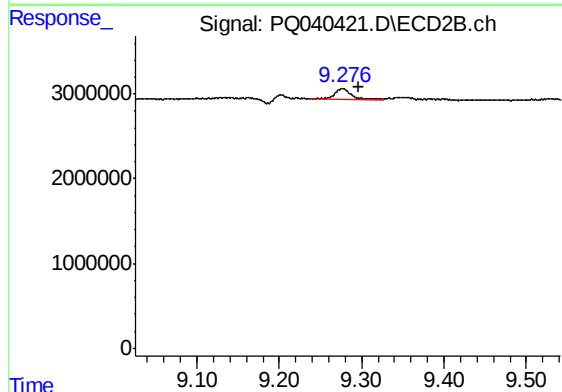
R.T.: 9.865 min
Delta R.T.: -0.025 min
Response: 6914117
Conc: 42.65 ng/ml



#41 AR-1268-1

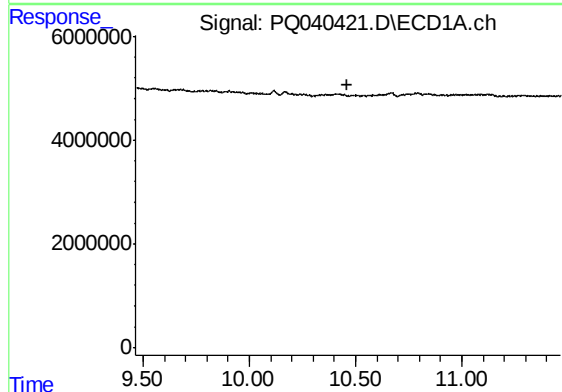
R.T.: 0.000 min
Exp R.T. : 10.364 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETN10



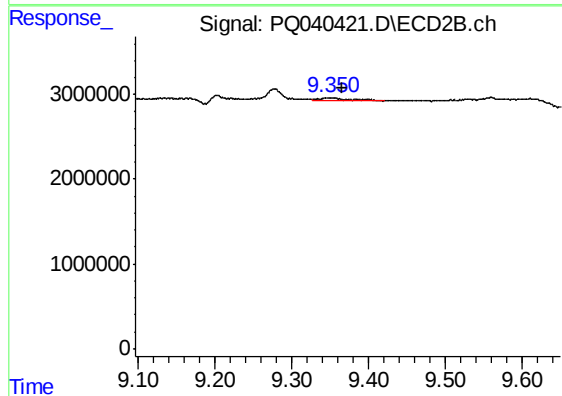
#41 AR-1268-1

R.T.: 9.277 min
Delta R.T.: -0.020 min
Response: 1815675
Conc: 3.98 ng/ml



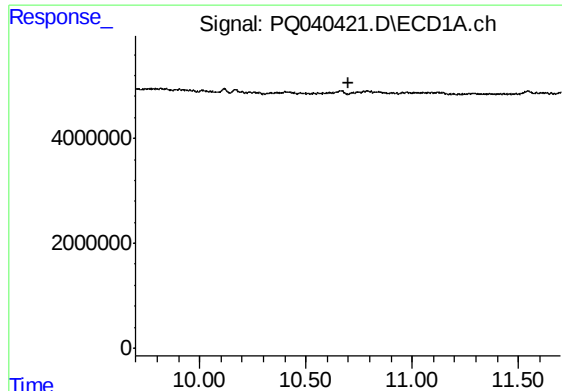
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 10.464 min
Response: 0
Conc: N.D.



#42 AR-1268-2

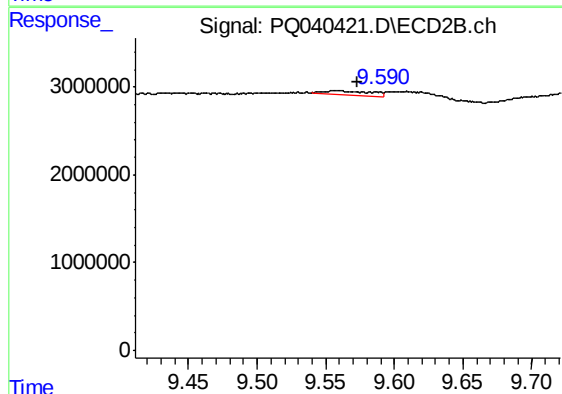
R.T.: 9.350 min
Delta R.T.: -0.016 min
Response: 836990
Conc: 1.91 ng/ml



#43 AR-1268-3

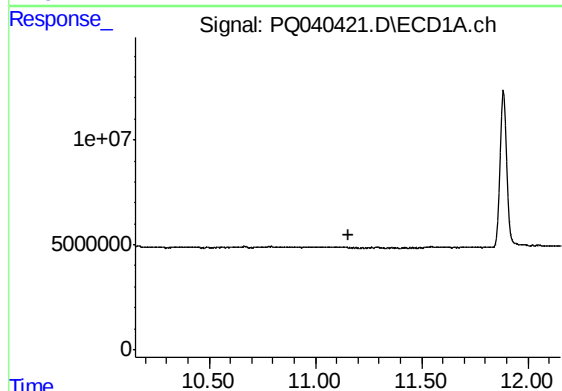
R.T.: 0.000 min
Exp R.T. : 10.698 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETN10



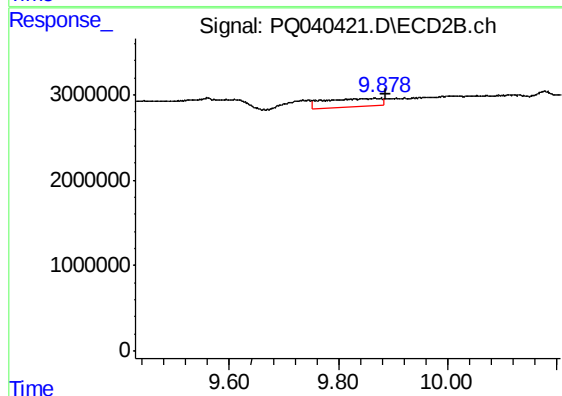
#43 AR-1268-3

R.T.: 9.559 min
Delta R.T.: -0.014 min
Response: 1050142
Conc: 2.80 ng/ml



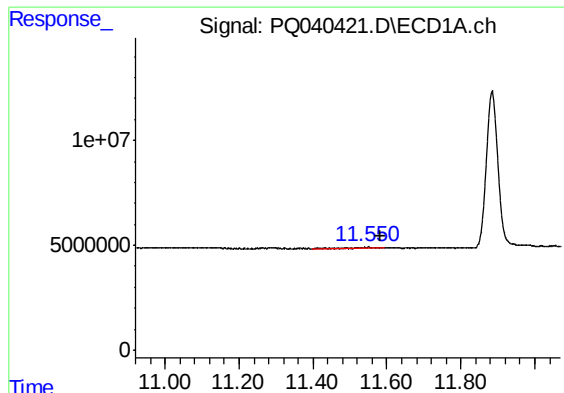
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 11.153 min
Response: 0
Conc: N.D.



#44 AR-1268-4

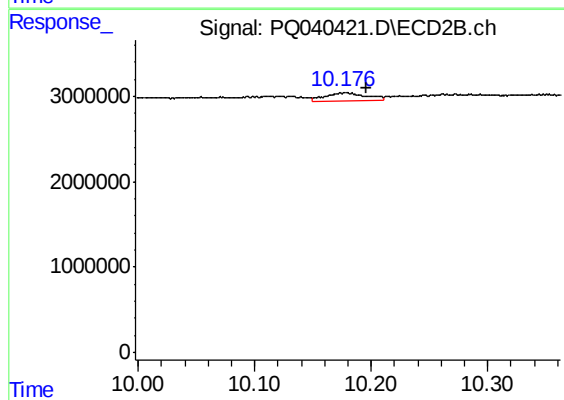
R.T.: 9.865 min
Delta R.T.: -0.022 min
Response: 6914117
Conc: 50.18 ng/ml



#45 AR-1268-5

R.T.: 11.547 min
Delta R.T.: -0.035 min
Response: 1441624
Conc: 0.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN10



#45 AR-1268-5

R.T.: 10.177 min
Delta R.T.: -0.019 min
Response: 2241888
Conc: 1.90 ng/ml