

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082719\
 Data File : PQ042989.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Aug 2019 20:00
 Operator : SM\AJ
 Sample : K4518-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETQD0

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 27 04:43:01 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...	5.633	4.693	42725737	44172849	15.963	19.084
2)	SA Decachlor...	11.984	10.424	155.3E6	147.7E6	18.398	21.993
Target Compounds							
3)	L1 AR-1016-1	7.089	6.142	1852781	898902	17.834	9.113 #
4)	L1 AR-1016-2	7.089	6.165	1852781	435640	11.622	2.872 #
5)	L1 AR-1016-3	7.212	6.367	1271530	2083598	12.516	27.721 #
6)	L1 AR-1016-4	7.254	6.436	11647524	1636791	145.381	23.561 #
7)	L1 AR-1016-5	7.672	6.689	3448117	1694218	42.092	18.803 #
9)	L2 AR-1221-2	6.021	5.110	66457	458473	2.811	18.241 #
10)	L2 AR-1221-3	0.000	5.219	0	268615	N.D.	3.229 #
11)	L3 AR-1232-1	0.000	5.219	0	268615	N.D.	3.545 #
12)	L3 AR-1232-2	6.767	6.165	1849753	435640	46.881	5.202 #
13)	L3 AR-1232-3	7.089	6.367	1852781	2083598	22.340	48.422 #
14)	L3 AR-1232-4	7.330	6.487	1129149	306909	26.229	7.159 #
15)	L3 AR-1232-5	7.394	6.689	5385194	1694218	188.235	37.451 #
16)	L4 AR-1242-1	7.089	6.142	1852781	898902	18.210	9.132 #
17)	L4 AR-1242-2	7.089	6.165	1852781	435640	12.163	2.933 #
18)	L4 AR-1242-3	7.212	6.367	1271530	2083598	13.325	27.417 #
19)	L4 AR-1242-4	7.254	6.484	11647524	1079015	151.309	12.936 #
20)	L4 AR-1242-5	8.136	7.087	6072992	23676874	63.418	207.808 #
21)	L5 AR-1248-1	7.089	6.142	1852781	898902	23.439	11.340 #
22)	L5 AR-1248-2	7.394	6.436	5385194	1636791	47.580	13.827 #
23)	L5 AR-1248-3	7.672	6.484	3448117	1079015	25.504	8.933 #
24)	L5 AR-1248-4	8.072	6.689	63681416	1694218	393.004	11.568 #
25)	L5 AR-1248-5	8.136	7.144	6072992	6260564	38.752	40.193
26)	L6 AR-1254-1	8.015	7.087	7759436	23676874	46.436	96.542 #
27)	L6 AR-1254-2	8.280	7.262	20351064	1486668	75.668	6.665 #
28)	L6 AR-1254-3	8.679	7.710	10766266	4637999	35.747	12.339 #
29)	L6 AR-1254-4	8.972	7.959	2418423	2460294	10.615	10.175
30)	L6 AR-1254-5	9.427	8.403	15939160	16714173	58.854	45.290
31)	L7 AR-1260-1	8.839	7.851	6171861	5623504	34.449	29.007
32)	L7 AR-1260-2	9.109	8.056	11705756	7150244	49.774	28.085 #
33)	L7 AR-1260-3	9.486	8.219	3495005	2839869	16.356	12.465
34)	L7 AR-1260-4	9.727	8.715	7024615	3610660	29.793	16.735 #
35)	L7 AR-1260-5	10.070	8.967	6422633	8038375	11.270	13.785
36)	L8 AR-1262-1	9.486	8.510	3495005	7069115	8.699	38.163 #
37)	L8 AR-1262-2	10.070	8.967	6422633	8038375	8.030	9.306
38)	L8 AR-1262-3	10.402	9.260	1919478	2290495	3.241	6.114 #
39)	L8 AR-1262-4	10.498	9.326	1821510	4423015	3.657	6.443 #
40)	L8 AR-1262-5	11.195	9.846	750524	2580454	2.012	7.852 #
41)	L9 AR-1268-1	10.402	9.260	1919478	2290495	1.786	2.140
42)	L9 AR-1268-2	10.498	9.326	1821510	4423015	1.736	4.305 #
43)	L9 AR-1268-3	10.737	9.534	3177270	6488236	3.319	7.355 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082719\
 Data File : PQ042989.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Aug 2019 20:00
 Operator : SM\AJ
 Sample : K4518-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

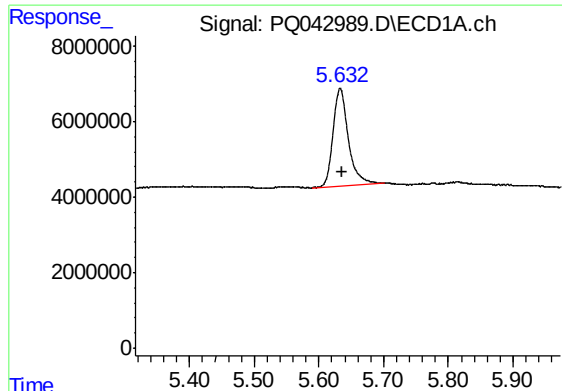
Instrument :
 ECD_Q
 ClientSampleId :
 ETQD0

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 27 04:43:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082619CLP.M
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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
44) L9	AR-1268-4	11.195	9.846	750524	2580454	1.871	7.242 #
45) L9	AR-1268-5	11.630	10.155	11089760	9824827	3.322	3.514

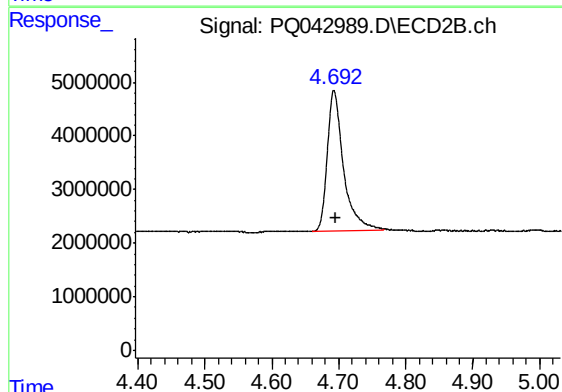
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

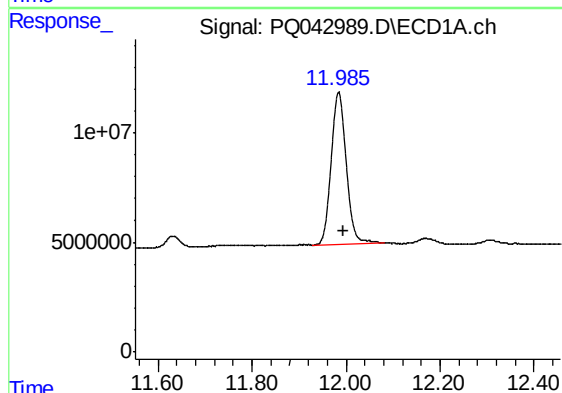
R.T.: 5.633 min
Delta R.T.: -0.003 min
Response: 42725737
Conc: 15.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQD0



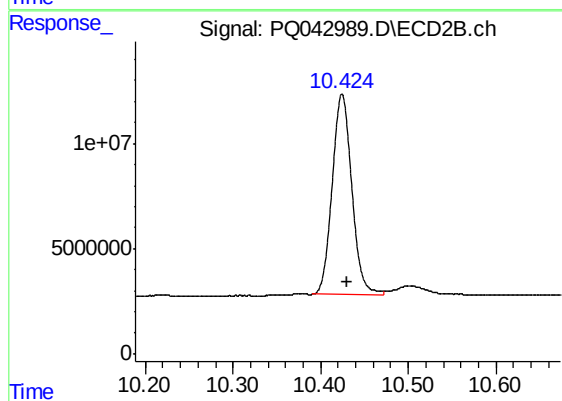
#1 Tetrachloro-m-xylene

R.T.: 4.693 min
Delta R.T.: -0.004 min
Response: 44172849
Conc: 19.08 ng/ml



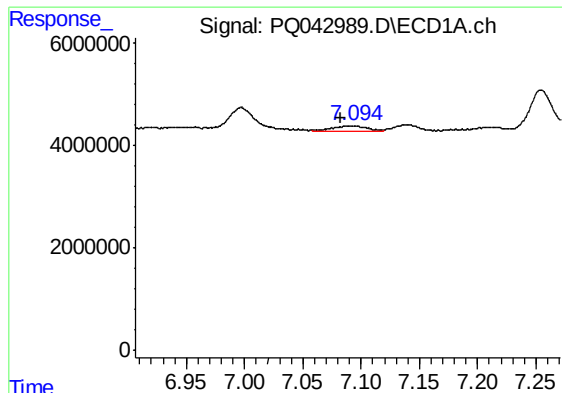
#2 Decachlorobiphenyl

R.T.: 11.984 min
Delta R.T.: -0.009 min
Response: 155316575
Conc: 18.40 ng/ml



#2 Decachlorobiphenyl

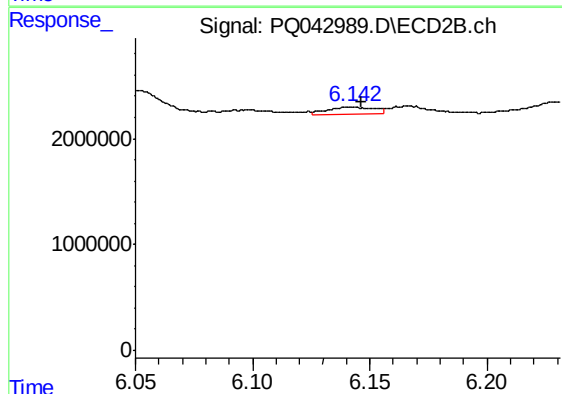
R.T.: 10.424 min
Delta R.T.: -0.006 min
Response: 147744661
Conc: 21.99 ng/ml



#3 AR-1016-1

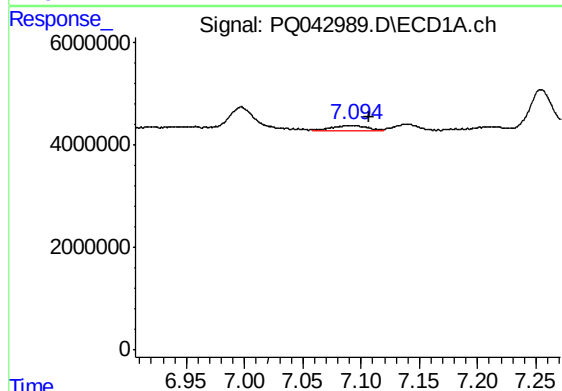
R.T.: 7.089 min
Delta R.T.: 0.007 min
Response: 1852781
Conc: 17.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQD0



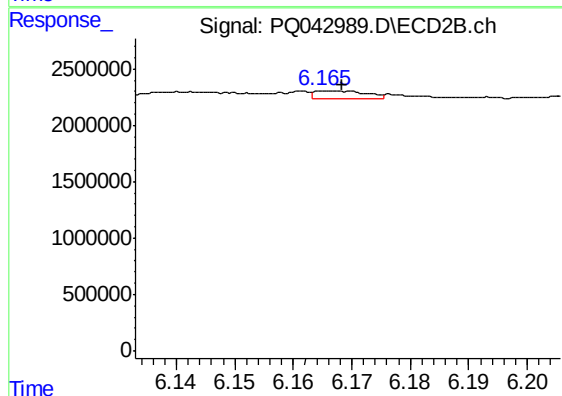
#3 AR-1016-1

R.T.: 6.142 min
Delta R.T.: -0.004 min
Response: 898902
Conc: 9.11 ng/ml



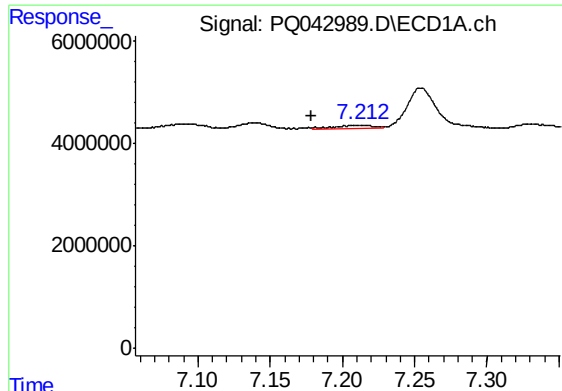
#4 AR-1016-2

R.T.: 7.089 min
Delta R.T.: -0.017 min
Response: 1852781
Conc: 11.62 ng/ml



#4 AR-1016-2

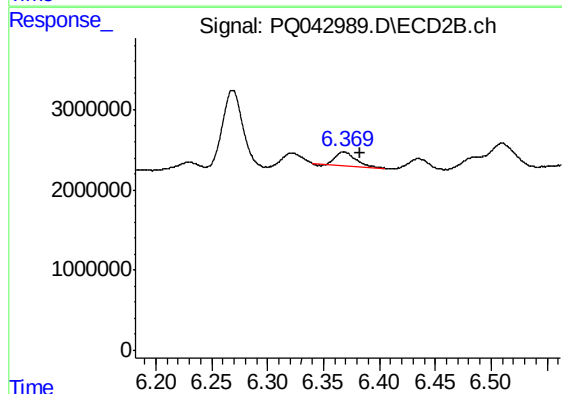
R.T.: 6.165 min
Delta R.T.: -0.003 min
Response: 435640
Conc: 2.87 ng/ml



#5 AR-1016-3

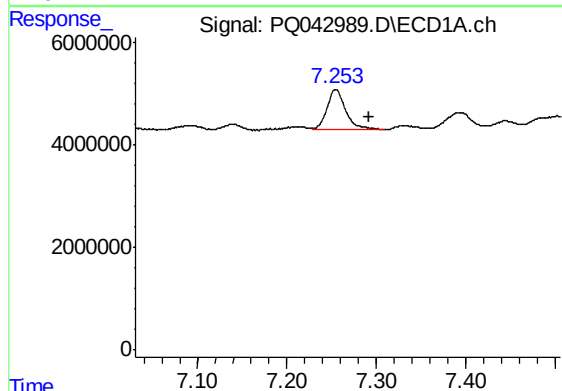
R.T.: 7.212 min
Delta R.T.: 0.034 min
Response: 1271530
Conc: 12.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQD0



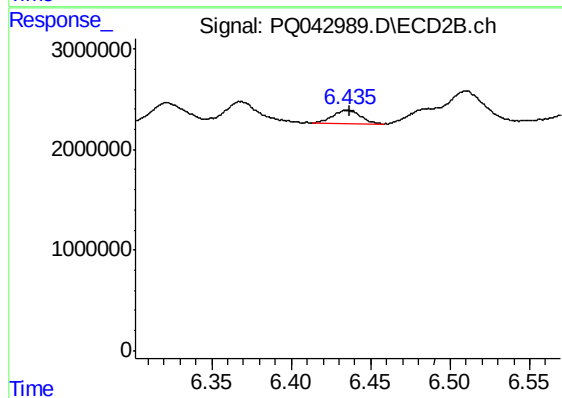
#5 AR-1016-3

R.T.: 6.367 min
Delta R.T.: -0.016 min
Response: 2083598
Conc: 27.72 ng/ml



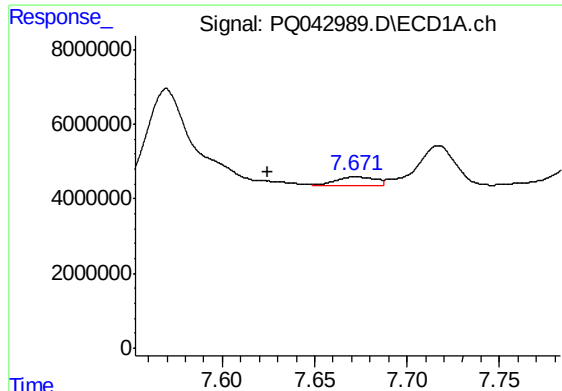
#6 AR-1016-4

R.T.: 7.254 min
Delta R.T.: -0.038 min
Response: 11647524
Conc: 145.38 ng/ml



#6 AR-1016-4

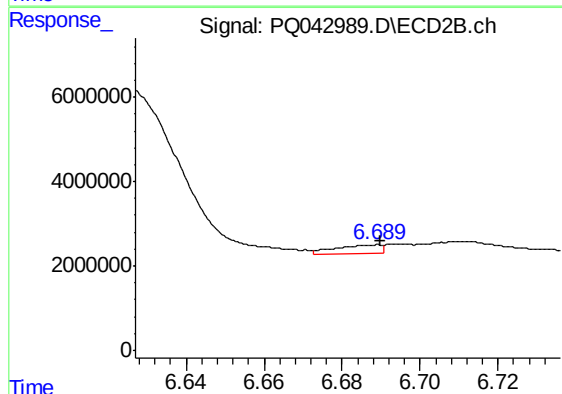
R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 1636791
Conc: 23.56 ng/ml



#7 AR-1016-5

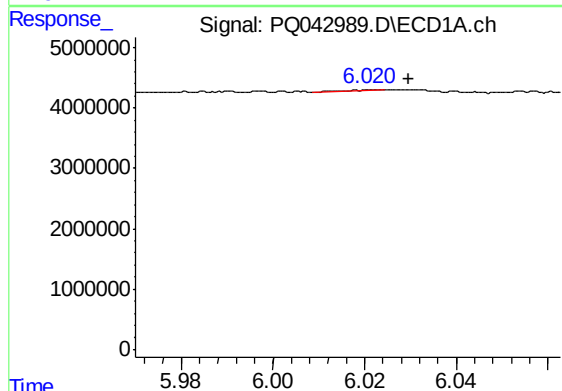
R.T.: 7.672 min
Delta R.T.: 0.047 min
Response: 3448117
Conc: 42.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQD0



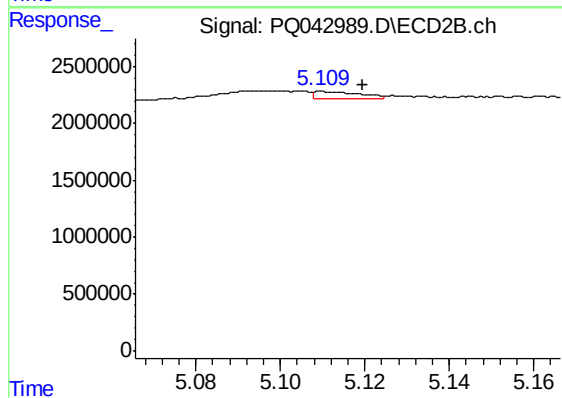
#7 AR-1016-5

R.T.: 6.689 min
Delta R.T.: 0.000 min
Response: 1694218
Conc: 18.80 ng/ml



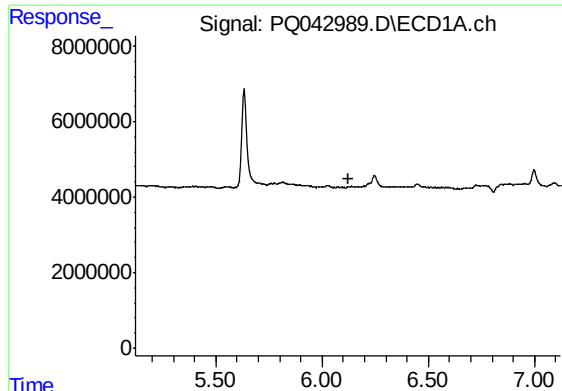
#9 AR-1221-2

R.T.: 6.021 min
Delta R.T.: -0.008 min
Response: 66457
Conc: 2.81 ng/ml



#9 AR-1221-2

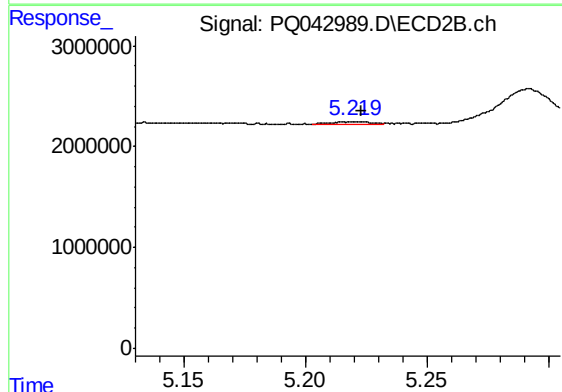
R.T.: 5.110 min
Delta R.T.: -0.010 min
Response: 458473
Conc: 18.24 ng/ml



#10 AR-1221-3

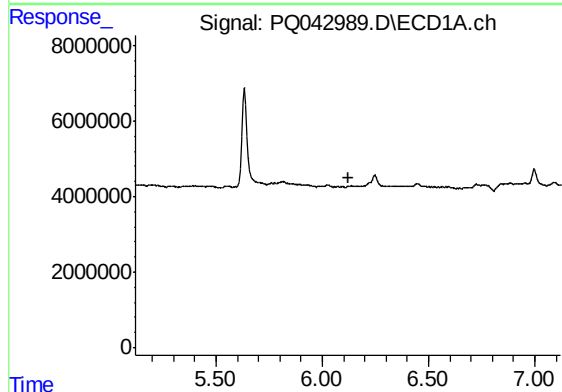
R.T.: 0.000 min
Exp R.T. : 6.122 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQD0



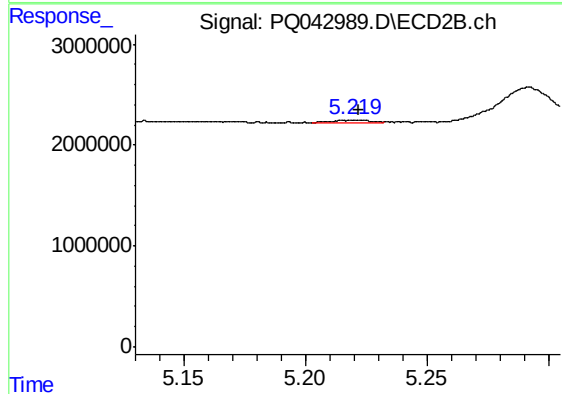
#10 AR-1221-3

R.T.: 5.219 min
Delta R.T.: -0.004 min
Response: 268615
Conc: 3.23 ng/ml



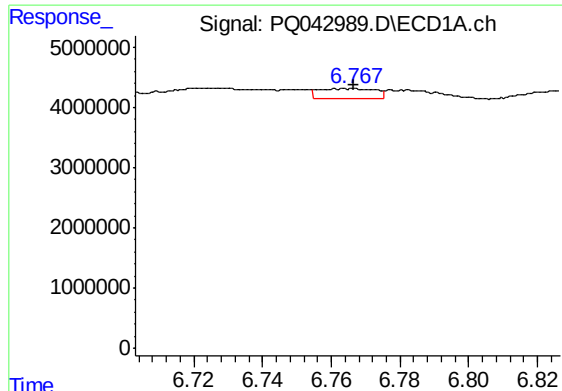
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 6.121 min
Response: 0
Conc: N.D.



#11 AR-1232-1

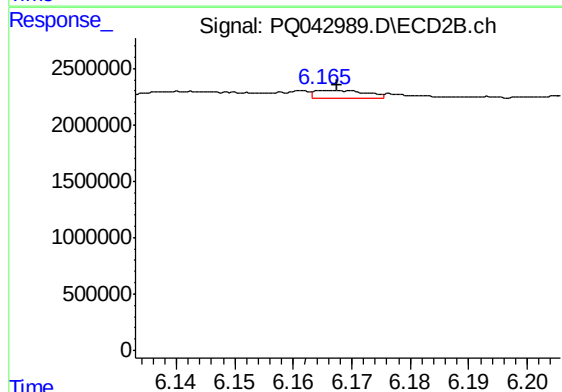
R.T.: 5.219 min
Delta R.T.: -0.003 min
Response: 268615
Conc: 3.54 ng/ml



#12 AR-1232-2

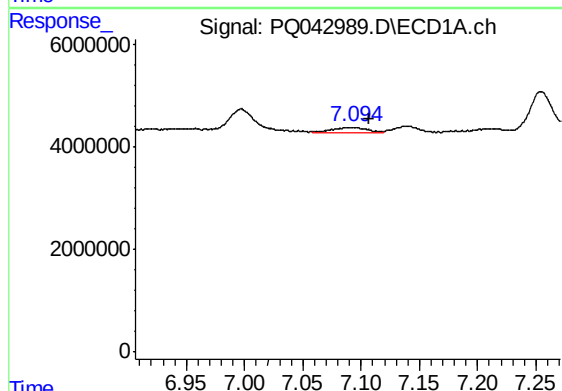
R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 1849753
Conc: 46.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQD0



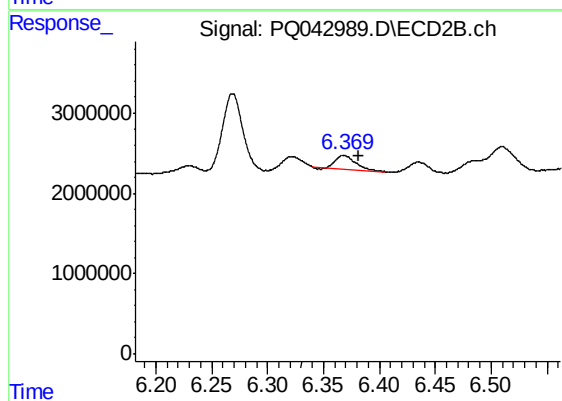
#12 AR-1232-2

R.T.: 6.165 min
Delta R.T.: -0.002 min
Response: 435640
Conc: 5.20 ng/ml



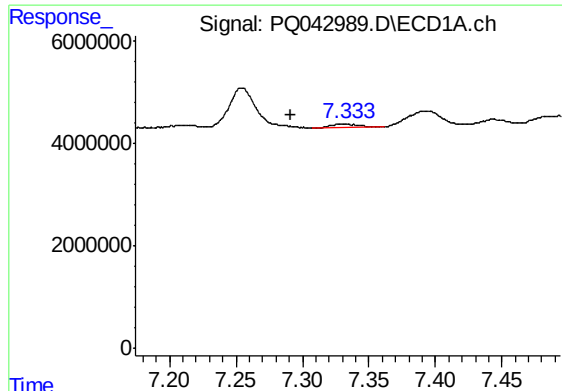
#13 AR-1232-3

R.T.: 7.089 min
Delta R.T.: -0.017 min
Response: 1852781
Conc: 22.34 ng/ml



#13 AR-1232-3

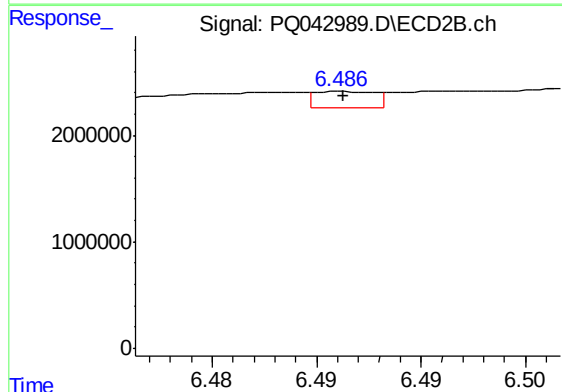
R.T.: 6.367 min
Delta R.T.: -0.015 min
Response: 2083598
Conc: 48.42 ng/ml



#14 AR-1232-4

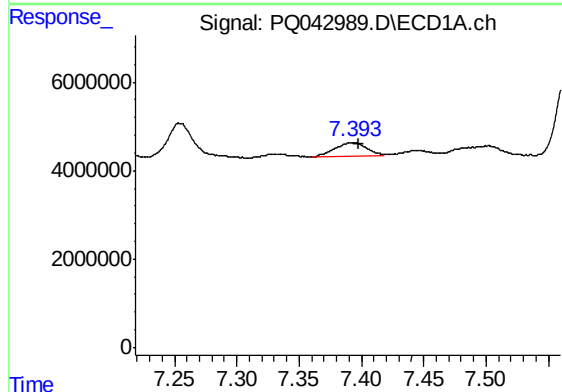
R.T.: 7.330 min
Delta R.T.: 0.038 min
Response: 1129149
Conc: 26.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQD0



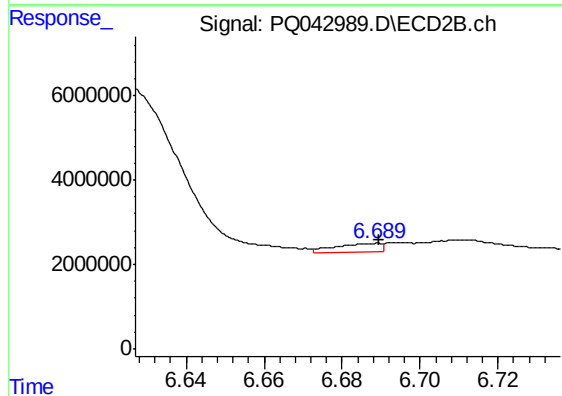
#14 AR-1232-4

R.T.: 6.487 min
Delta R.T.: 0.000 min
Response: 306909
Conc: 7.16 ng/ml



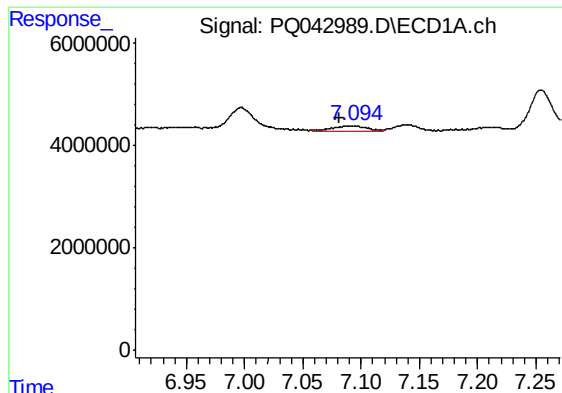
#15 AR-1232-5

R.T.: 7.394 min
Delta R.T.: -0.004 min
Response: 5385194
Conc: 188.24 ng/ml



#15 AR-1232-5

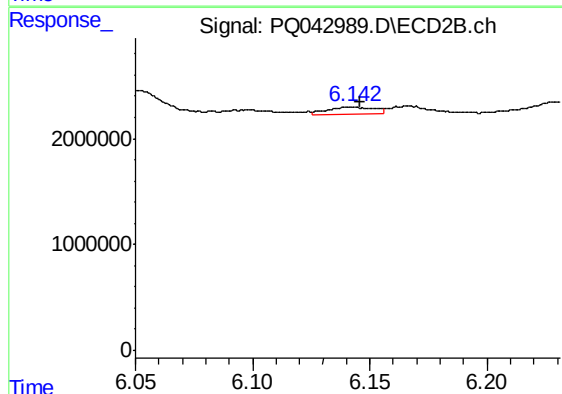
R.T.: 6.689 min
Delta R.T.: 0.000 min
Response: 1694218
Conc: 37.45 ng/ml



#16 AR-1242-1

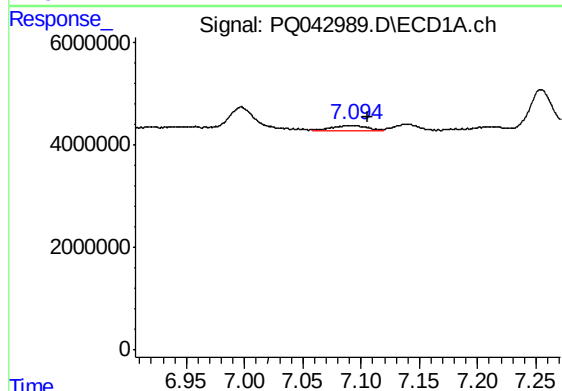
R.T.: 7.089 min
Delta R.T.: 0.008 min
Response: 1852781
Conc: 18.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQD0



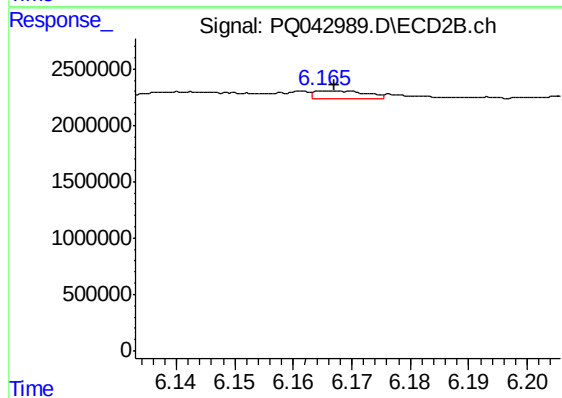
#16 AR-1242-1

R.T.: 6.142 min
Delta R.T.: -0.004 min
Response: 898902
Conc: 9.13 ng/ml



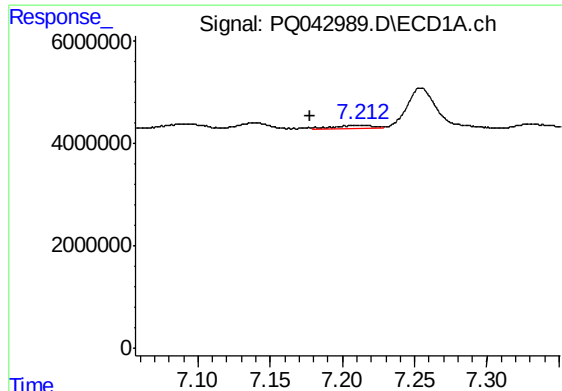
#17 AR-1242-2

R.T.: 7.089 min
Delta R.T.: -0.016 min
Response: 1852781
Conc: 12.16 ng/ml



#17 AR-1242-2

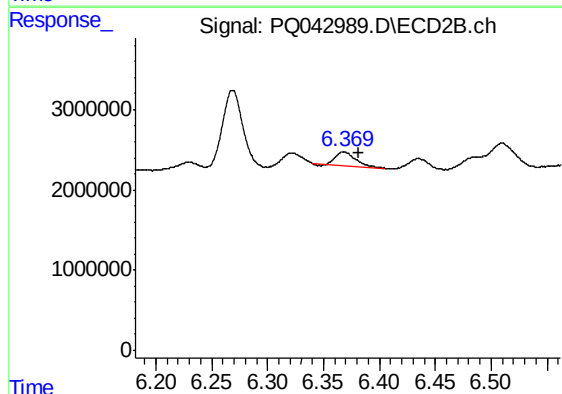
R.T.: 6.165 min
Delta R.T.: -0.002 min
Response: 435640
Conc: 2.93 ng/ml



#18 AR-1242-3

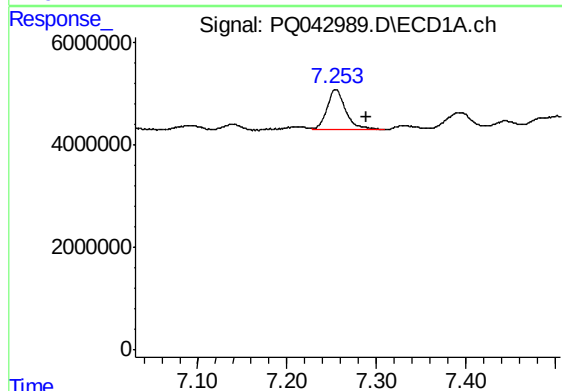
R.T.: 7.212 min
Delta R.T.: 0.035 min
Response: 1271530
Conc: 13.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQD0



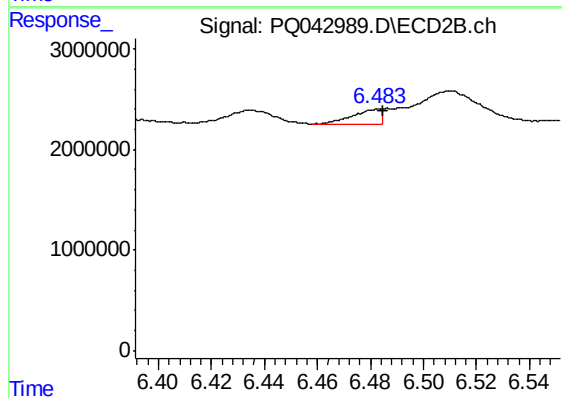
#18 AR-1242-3

R.T.: 6.367 min
Delta R.T.: -0.014 min
Response: 2083598
Conc: 27.42 ng/ml



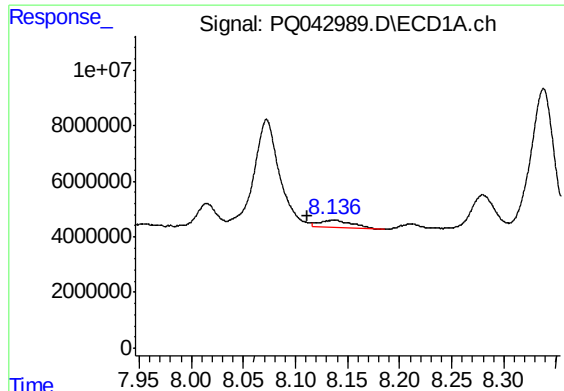
#19 AR-1242-4

R.T.: 7.254 min
Delta R.T.: -0.035 min
Response: 11647524
Conc: 151.31 ng/ml



#19 AR-1242-4

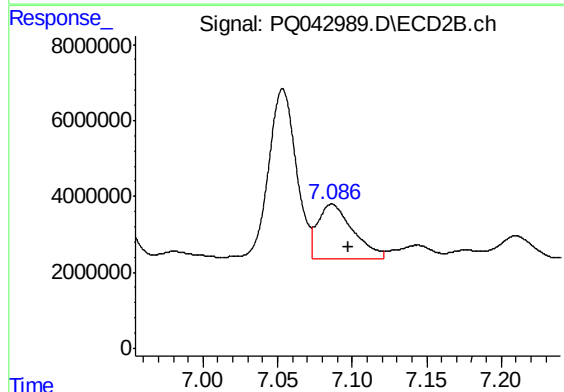
R.T.: 6.484 min
Delta R.T.: -0.001 min
Response: 1079015
Conc: 12.94 ng/ml



#20 AR-1242-5

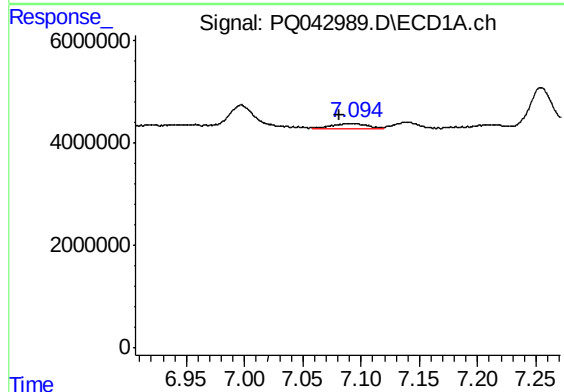
R.T.: 8.136 min
Delta R.T.: 0.024 min
Response: 6072992
Conc: 63.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQD0



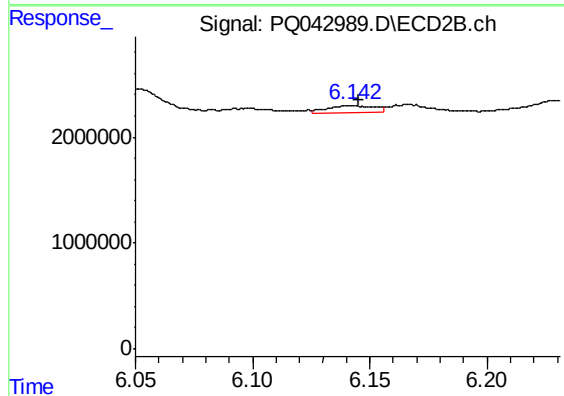
#20 AR-1242-5

R.T.: 7.087 min
Delta R.T.: -0.011 min
Response: 23676874
Conc: 207.81 ng/ml



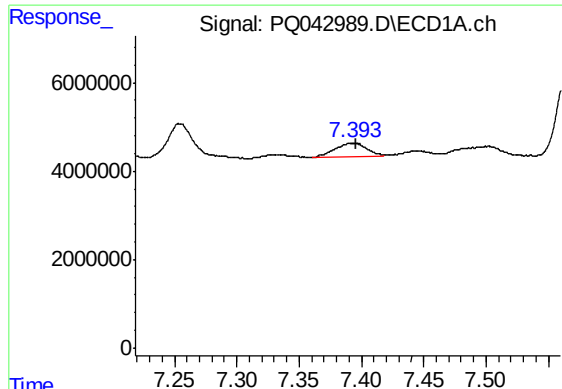
#21 AR-1248-1

R.T.: 7.089 min
Delta R.T.: 0.007 min
Response: 1852781
Conc: 23.44 ng/ml



#21 AR-1248-1

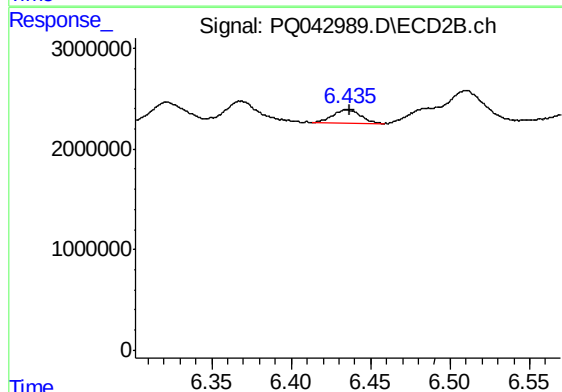
R.T.: 6.142 min
Delta R.T.: -0.003 min
Response: 898902
Conc: 11.34 ng/ml



#22 AR-1248-2

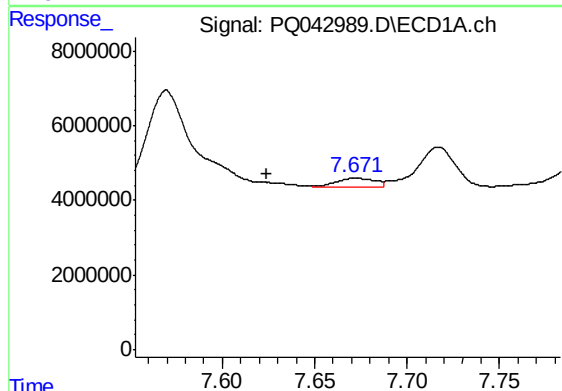
R.T.: 7.394 min
Delta R.T.: -0.002 min
Response: 5385194
Conc: 47.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQD0



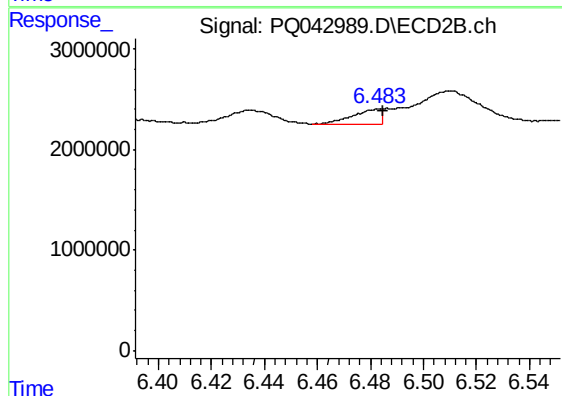
#22 AR-1248-2

R.T.: 6.436 min
Delta R.T.: -0.002 min
Response: 1636791
Conc: 13.83 ng/ml



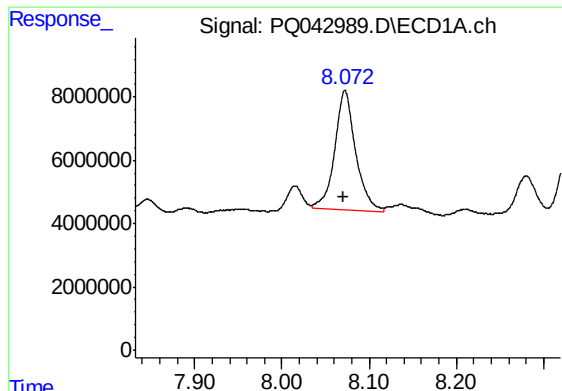
#23 AR-1248-3

R.T.: 7.672 min
Delta R.T.: 0.048 min
Response: 3448117
Conc: 25.50 ng/ml



#23 AR-1248-3

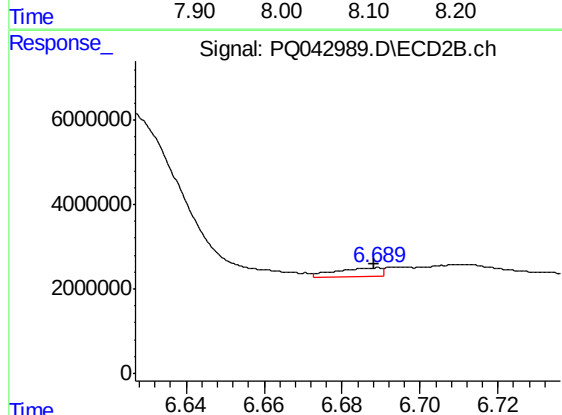
R.T.: 6.484 min
Delta R.T.: -0.001 min
Response: 1079015
Conc: 8.93 ng/ml



#24 AR-1248-4

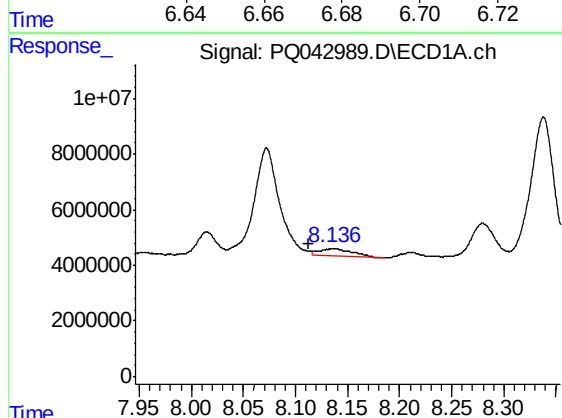
R.T.: 8.072 min
Delta R.T.: 0.001 min
Response: 63681416
Conc: 393.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQD0



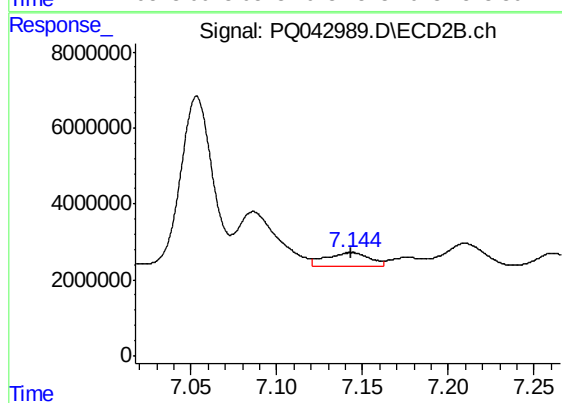
#24 AR-1248-4

R.T.: 6.689 min
Delta R.T.: 0.000 min
Response: 1694218
Conc: 11.57 ng/ml



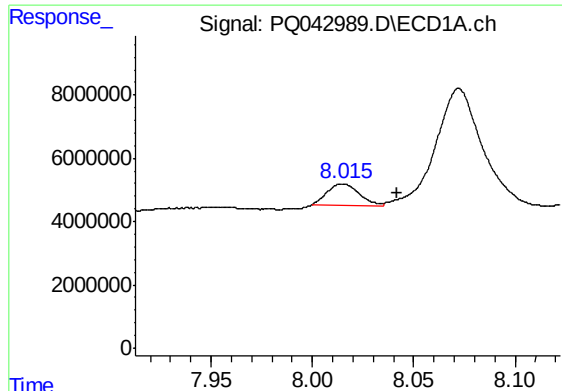
#25 AR-1248-5

R.T.: 8.136 min
Delta R.T.: 0.023 min
Response: 6072992
Conc: 38.75 ng/ml



#25 AR-1248-5

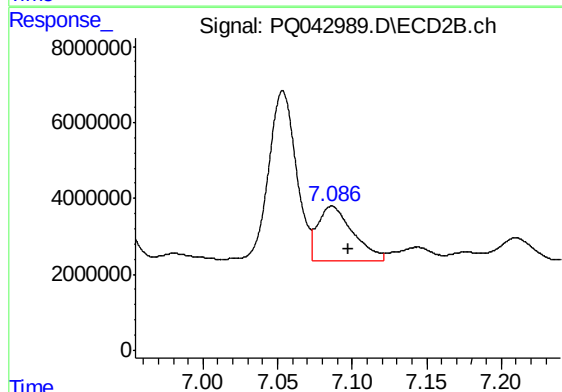
R.T.: 7.144 min
Delta R.T.: 0.001 min
Response: 6260564
Conc: 40.19 ng/ml



#26 AR-1254-1

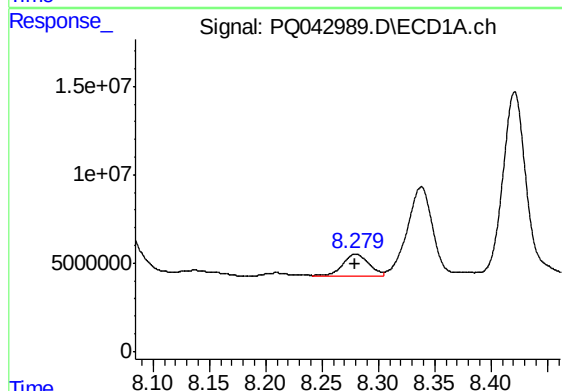
R.T.: 8.015 min
Delta R.T.: -0.026 min
Response: 7759436
Conc: 46.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQD0



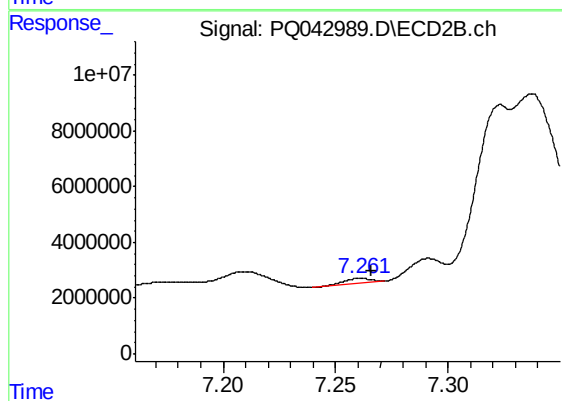
#26 AR-1254-1

R.T.: 7.087 min
Delta R.T.: -0.011 min
Response: 23676874
Conc: 96.54 ng/ml



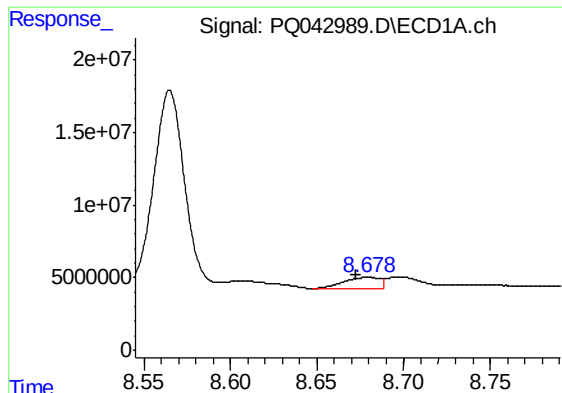
#27 AR-1254-2

R.T.: 8.280 min
Delta R.T.: 0.000 min
Response: 20351064
Conc: 75.67 ng/ml



#27 AR-1254-2

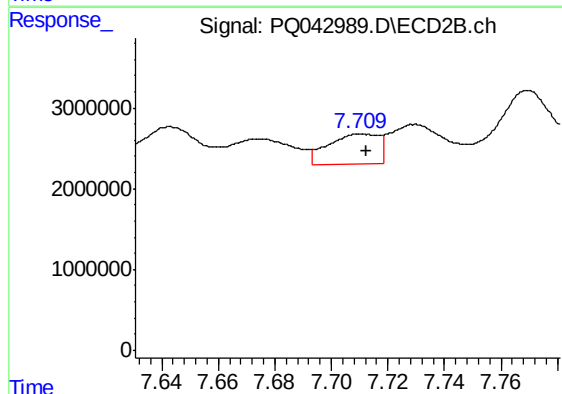
R.T.: 7.262 min
Delta R.T.: -0.004 min
Response: 1486668
Conc: 6.67 ng/ml



#28 AR-1254-3

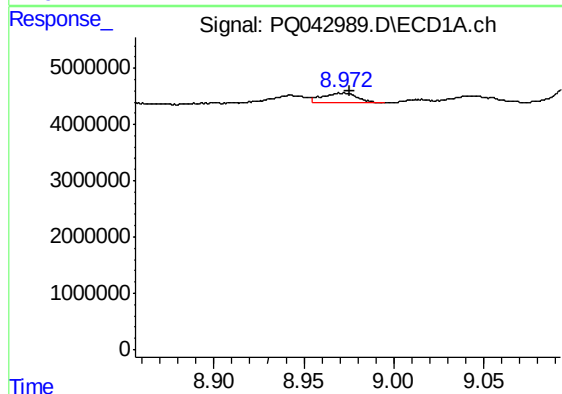
R.T.: 8.679 min
Delta R.T.: 0.007 min
Response: 10766266
Conc: 35.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQD0



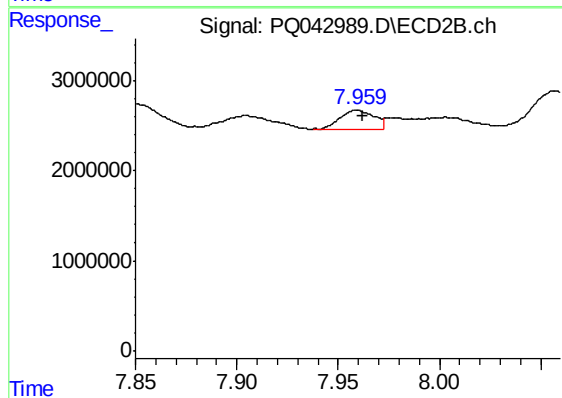
#28 AR-1254-3

R.T.: 7.710 min
Delta R.T.: -0.002 min
Response: 4637999
Conc: 12.34 ng/ml



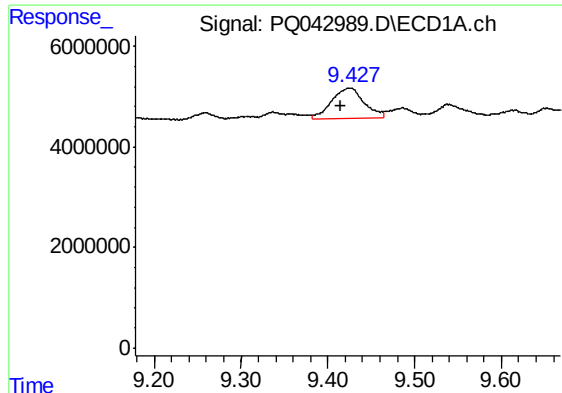
#29 AR-1254-4

R.T.: 8.972 min
Delta R.T.: -0.004 min
Response: 2418423
Conc: 10.62 ng/ml



#29 AR-1254-4

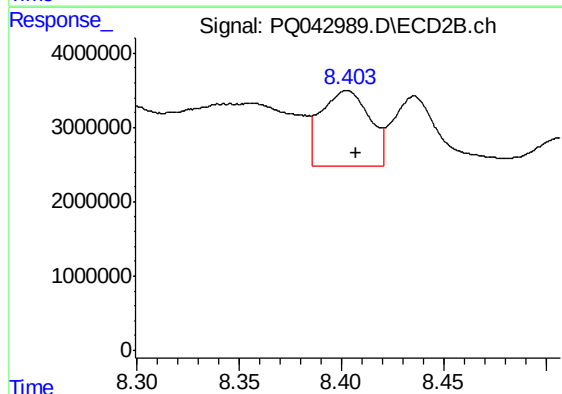
R.T.: 7.959 min
Delta R.T.: -0.003 min
Response: 2460294
Conc: 10.17 ng/ml



#30 AR-1254-5

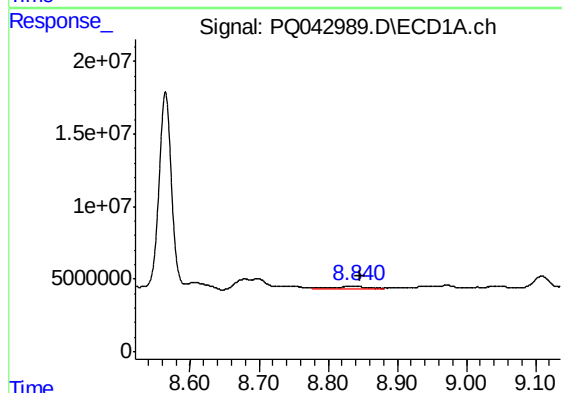
R.T.: 9.427 min
Delta R.T.: 0.012 min
Response: 15939160
Conc: 58.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQD0



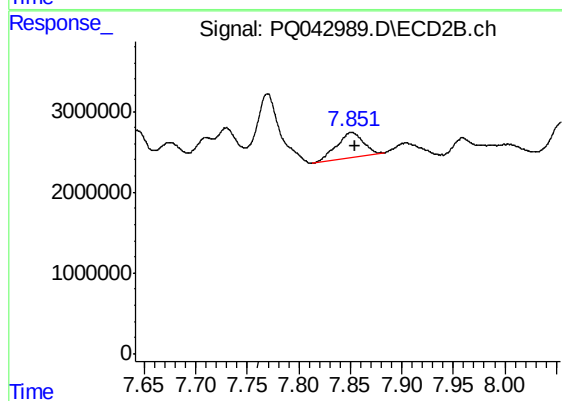
#30 AR-1254-5

R.T.: 8.403 min
Delta R.T.: -0.004 min
Response: 16714173
Conc: 45.29 ng/ml



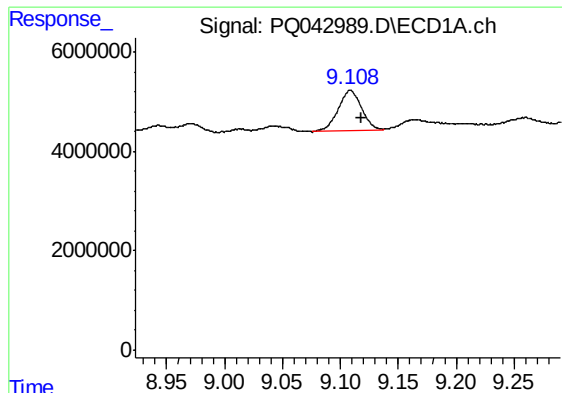
#31 AR-1260-1

R.T.: 8.839 min
Delta R.T.: -0.006 min
Response: 6171861
Conc: 34.45 ng/ml



#31 AR-1260-1

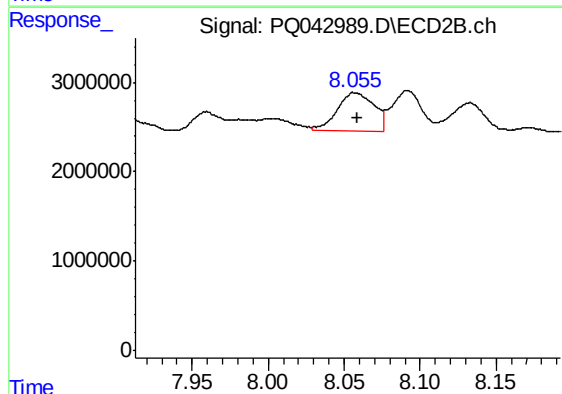
R.T.: 7.851 min
Delta R.T.: -0.004 min
Response: 5623504
Conc: 29.01 ng/ml



#32 AR-1260-2

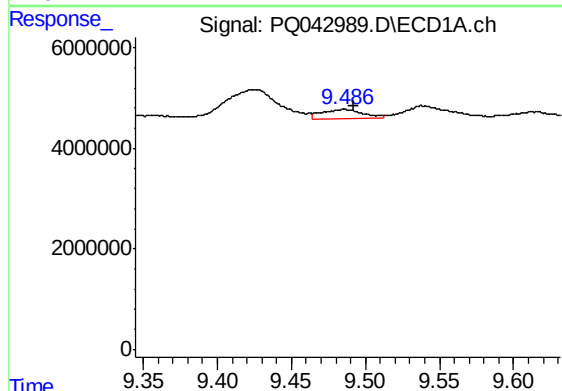
R.T.: 9.109 min
Delta R.T.: -0.009 min
Response: 11705756
Conc: 49.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQD0



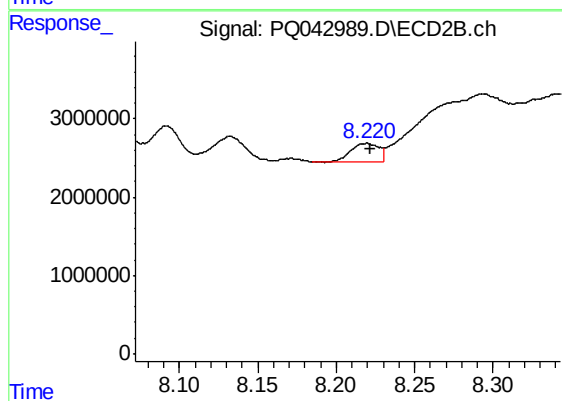
#32 AR-1260-2

R.T.: 8.056 min
Delta R.T.: -0.003 min
Response: 7150244
Conc: 28.08 ng/ml



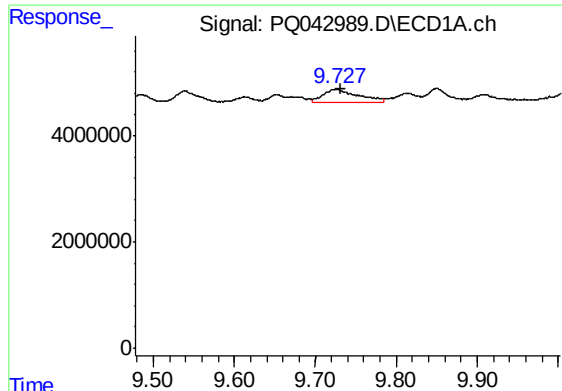
#33 AR-1260-3

R.T.: 9.486 min
Delta R.T.: -0.006 min
Response: 3495005
Conc: 16.36 ng/ml



#33 AR-1260-3

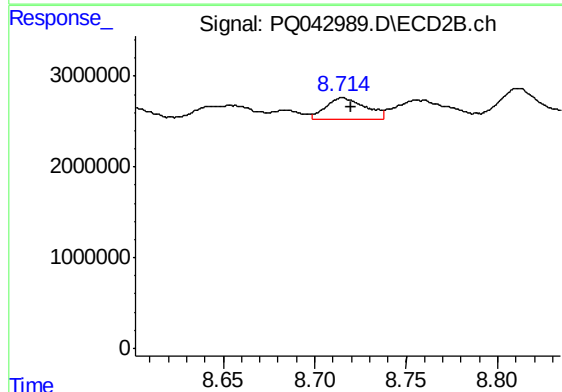
R.T.: 8.219 min
Delta R.T.: -0.003 min
Response: 2839869
Conc: 12.46 ng/ml



#34 AR-1260-4

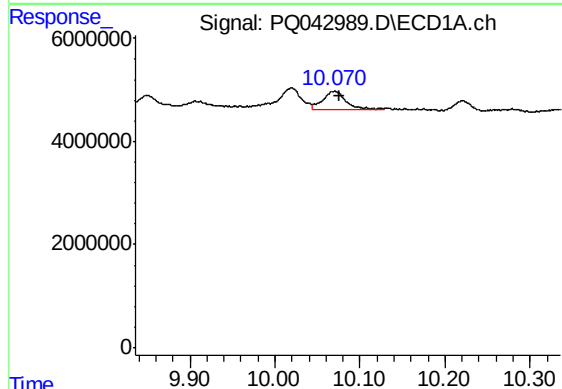
R.T.: 9.727 min
Delta R.T.: -0.004 min
Response: 7024615
Conc: 29.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQD0



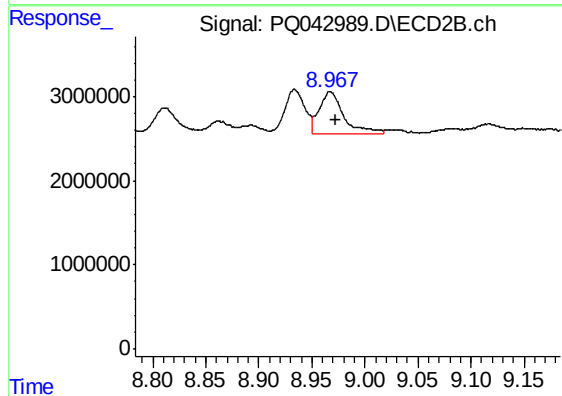
#34 AR-1260-4

R.T.: 8.715 min
Delta R.T.: -0.005 min
Response: 3610660
Conc: 16.73 ng/ml



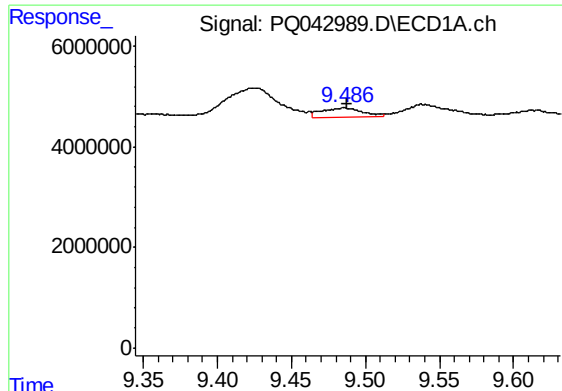
#35 AR-1260-5

R.T.: 10.070 min
Delta R.T.: -0.005 min
Response: 6422633
Conc: 11.27 ng/ml



#35 AR-1260-5

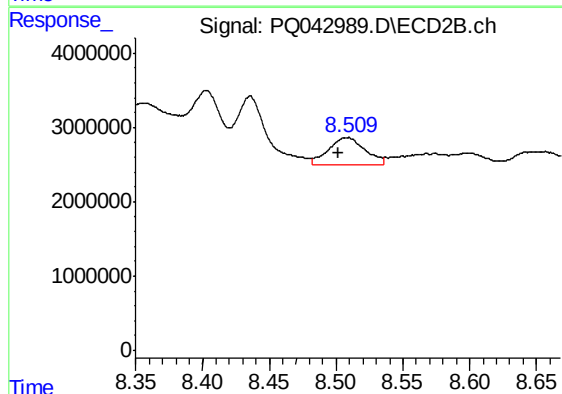
R.T.: 8.967 min
Delta R.T.: -0.005 min
Response: 8038375
Conc: 13.78 ng/ml



#36 AR-1262-1

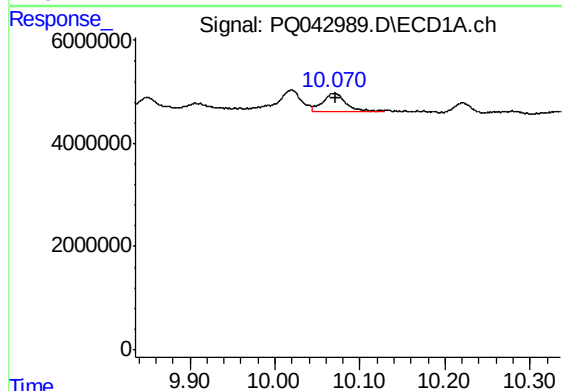
R.T.: 9.486 min
Delta R.T.: -0.002 min
Response: 3495005
Conc: 8.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQD0



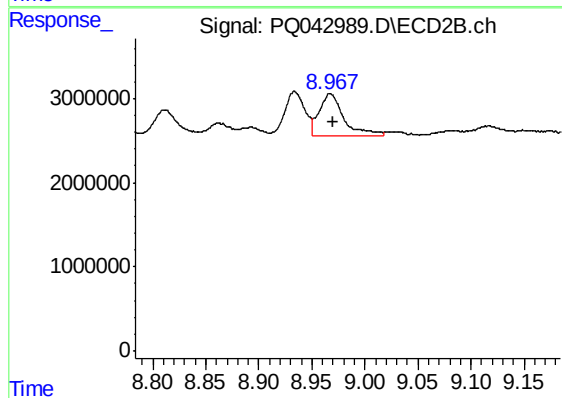
#36 AR-1262-1

R.T.: 8.510 min
Delta R.T.: 0.008 min
Response: 7069115
Conc: 38.16 ng/ml



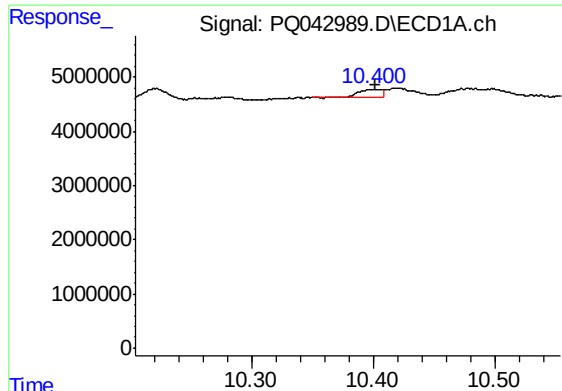
#37 AR-1262-2

R.T.: 10.070 min
Delta R.T.: -0.001 min
Response: 6422633
Conc: 8.03 ng/ml



#37 AR-1262-2

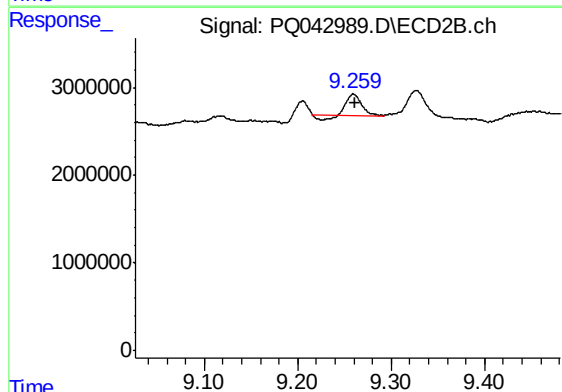
R.T.: 8.967 min
Delta R.T.: -0.003 min
Response: 8038375
Conc: 9.31 ng/ml



#38 AR-1262-3

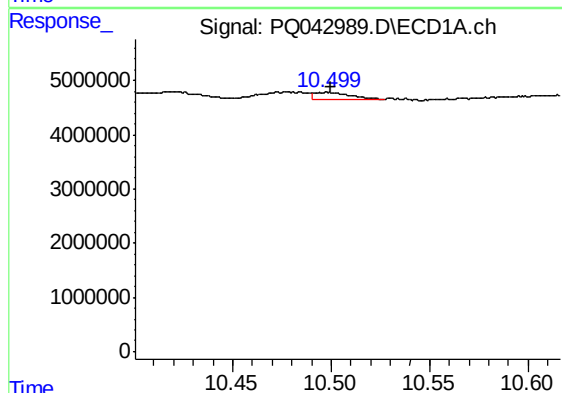
R.T.: 10.402 min
Delta R.T.: 0.000 min
Response: 1919478
Conc: 3.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQD0



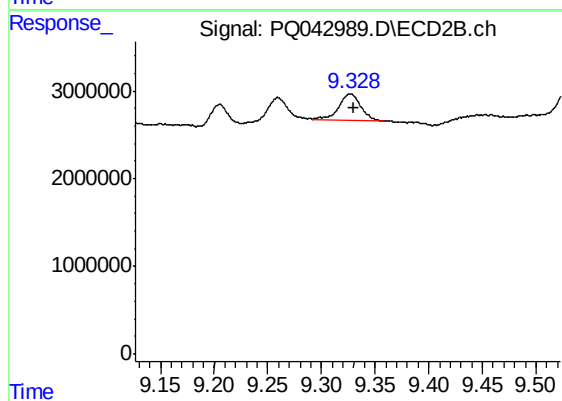
#38 AR-1262-3

R.T.: 9.260 min
Delta R.T.: -0.001 min
Response: 2290495
Conc: 6.11 ng/ml



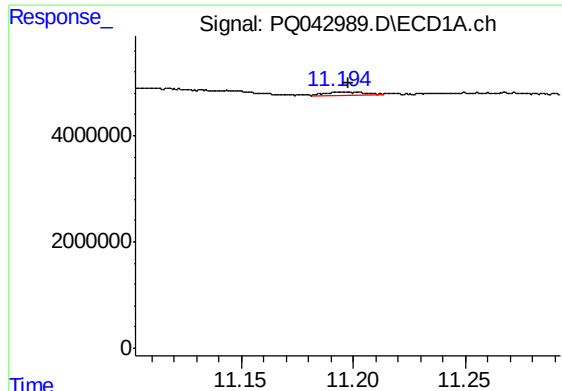
#39 AR-1262-4

R.T.: 10.498 min
Delta R.T.: -0.001 min
Response: 1821510
Conc: 3.66 ng/ml



#39 AR-1262-4

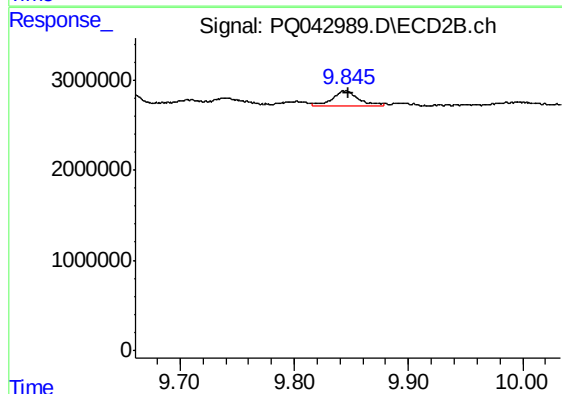
R.T.: 9.326 min
Delta R.T.: -0.004 min
Response: 4423015
Conc: 6.44 ng/ml



#40 AR-1262-5

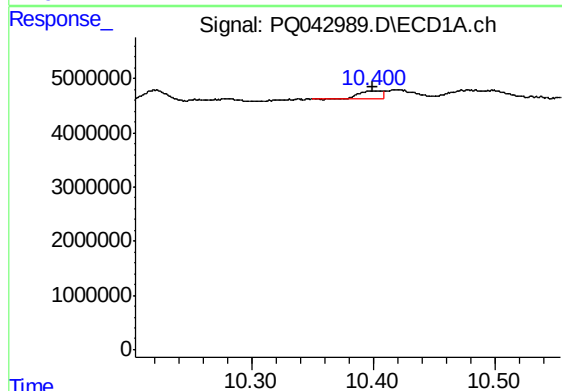
R.T.: 11.195 min
Delta R.T.: -0.003 min
Response: 750524
Conc: 2.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQD0



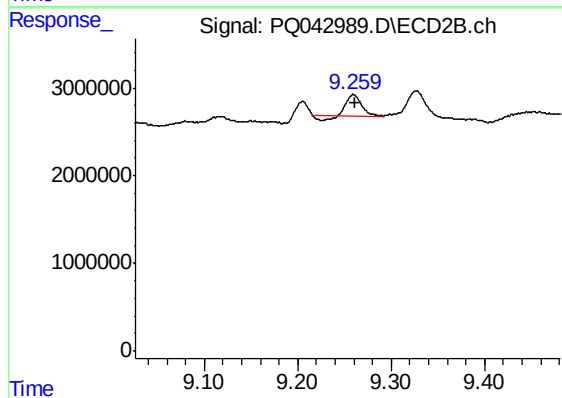
#40 AR-1262-5

R.T.: 9.846 min
Delta R.T.: -0.002 min
Response: 2580454
Conc: 7.85 ng/ml



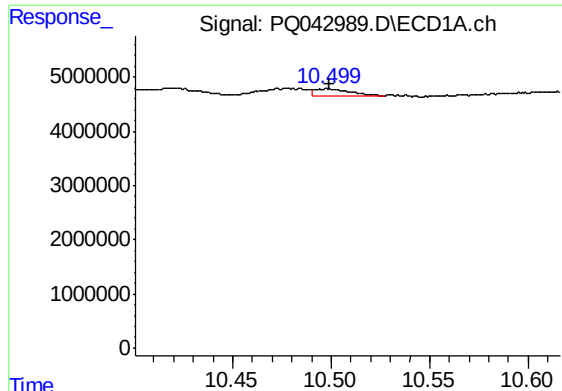
#41 AR-1268-1

R.T.: 10.402 min
Delta R.T.: 0.002 min
Response: 1919478
Conc: 1.79 ng/ml



#41 AR-1268-1

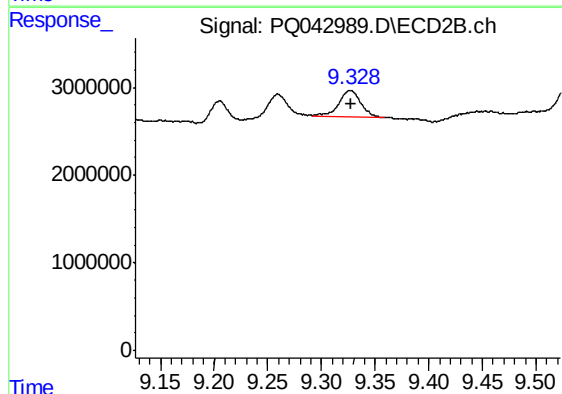
R.T.: 9.260 min
Delta R.T.: 0.000 min
Response: 2290495
Conc: 2.14 ng/ml



#42 AR-1268-2

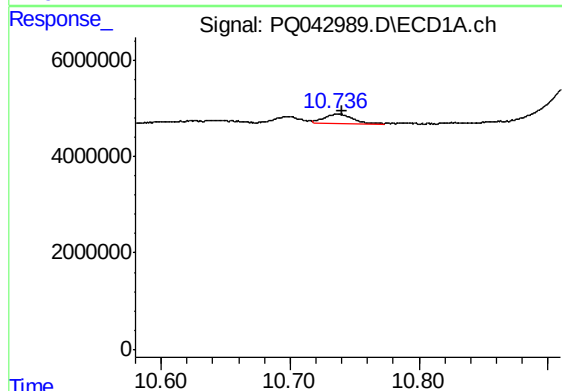
R.T.: 10.498 min
Delta R.T.: -0.001 min
Response: 1821510
Conc: 1.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQD0



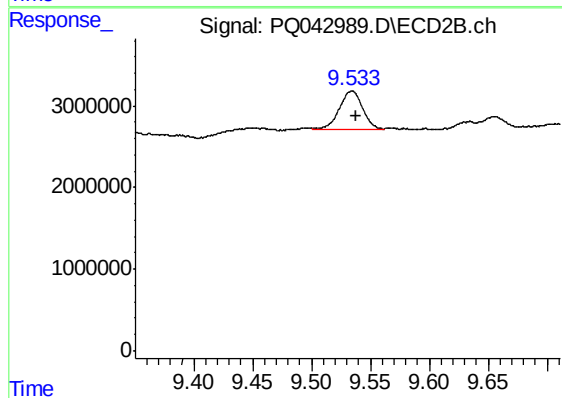
#42 AR-1268-2

R.T.: 9.326 min
Delta R.T.: -0.002 min
Response: 4423015
Conc: 4.30 ng/ml



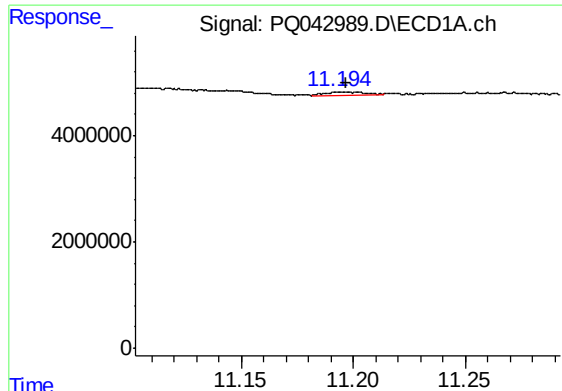
#43 AR-1268-3

R.T.: 10.737 min
Delta R.T.: -0.003 min
Response: 3177270
Conc: 3.32 ng/ml



#43 AR-1268-3

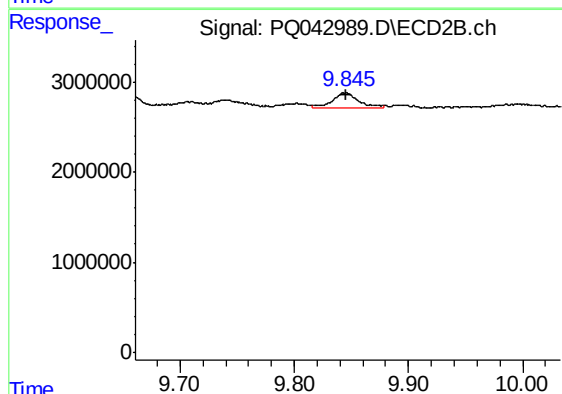
R.T.: 9.534 min
Delta R.T.: -0.004 min
Response: 6488236
Conc: 7.36 ng/ml



#44 AR-1268-4

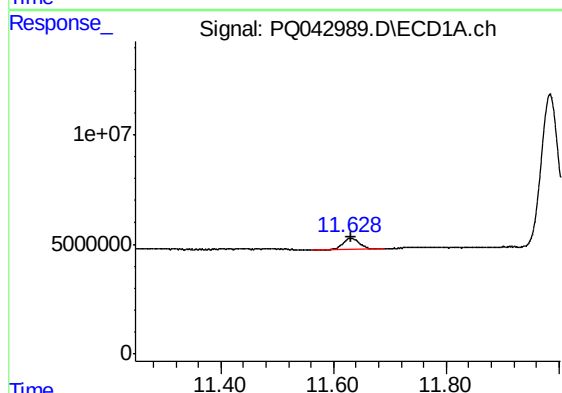
R.T.: 11.195 min
Delta R.T.: -0.001 min
Response: 750524
Conc: 1.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQD0



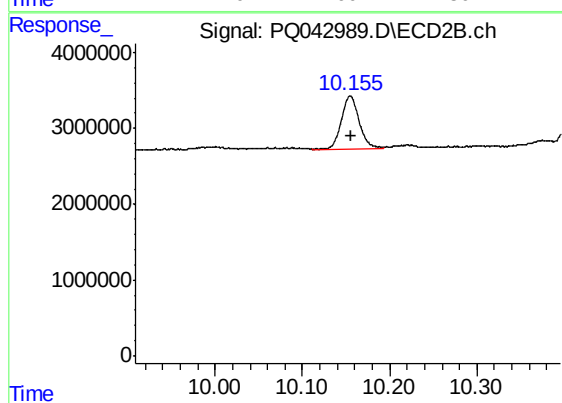
#44 AR-1268-4

R.T.: 9.846 min
Delta R.T.: 0.000 min
Response: 2580454
Conc: 7.24 ng/ml



#45 AR-1268-5

R.T.: 11.630 min
Delta R.T.: -0.002 min
Response: 11089760
Conc: 3.32 ng/ml



#45 AR-1268-5

R.T.: 10.155 min
Delta R.T.: -0.001 min
Response: 9824827
Conc: 3.51 ng/ml