

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ020620\
 Data File : PQ046417.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2020 18:25
 Operator : AJ\MA
 Sample : L1408-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 07 05:46:29 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ020520.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 05 15:38:19 2020
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	5.211	4.360	175.0E6	81237217	25.530	23.898
2)	SA Decachlor...	11.349	9.780	150.6E6	130.1E6	23.494	21.507
Target Compounds							
3)	L1 AR-1016-1	0.000	5.651	0	1188218	N.D.	9.573 #
4)	L1 AR-1016-2	6.602	5.651	1027983	1188218	2.538	5.965 #
5)	L1 AR-1016-3	6.602	5.861	1027983	2281001	4.134	23.475 #
6)	L1 AR-1016-4	6.717	5.913	4339944	2453588	21.083	29.172 #
7)	L1 AR-1016-5	7.032	6.127	2794979	401792	13.930	3.698 #
8)	L2 AR-1221-1	5.472	4.635	920685	1691959	12.092	48.794 #
9)	L2 AR-1221-2	5.561	4.720	5989809	4002984	102.812	152.854 #
10)	L2 AR-1221-3	5.657	4.781	19480052	1953298	106.640	22.126 #
11)	L3 AR-1232-1	5.657	4.781	19480052	1953298	149.401	31.744 #
12)	L3 AR-1232-2	6.203	5.651	15608164	1188218	214.621	16.987 #
13)	L3 AR-1232-3	6.602	5.861	1027983	2281001	7.282	69.879 #
14)	L3 AR-1232-4	6.717	5.976	4339944	2086319	61.007	67.178
15)	L3 AR-1232-5	6.804	6.127	9062965	401792	161.644	11.726 #
16)	L4 AR-1242-1	0.000	5.651	0	1188218	N.D.	14.941 #
17)	L4 AR-1242-2	6.602	5.651	1027983	1188218	3.891	8.756 #
18)	L4 AR-1242-3	6.602	5.861	1027983	2281001	6.200	35.982 #
19)	L4 AR-1242-4	6.717	5.976	4339944	2086319	31.995	30.974
20)	L4 AR-1242-5	7.516	6.532	1950404	1423048	12.383	15.865 #
21)	L5 AR-1248-1	0.000	5.651	0	1188218	N.D.	17.199 #
22)	L5 AR-1248-2	6.804	5.913	9062965	2453588	41.618	23.843 #
23)	L5 AR-1248-3	7.032	5.976	2794979	2086319	11.684	19.626 #
24)	L5 AR-1248-4	7.472	6.127	3157437	401792	11.636	3.110 #
25)	L5 AR-1248-5	7.516	6.569	1950404	16277533	7.145	124.407 #
26)	L6 AR-1254-1	7.472	6.532	3157437	1423048	11.494	6.916 #
27)	L6 AR-1254-2	7.675	6.676	52088101	362105	122.538	1.956 #
28)	L6 AR-1254-3	8.066	7.144	26573112	32796517	59.265	102.929 #
29)	L6 AR-1254-4	8.318	7.309	15718980	28525266	47.868	147.318 #
30)	L6 AR-1254-5	8.744	7.784	3477822	1905304	10.203	6.406 #
31)	L7 AR-1260-1	8.223	7.256	8381218	17071265	23.247	72.346 #
32)	L7 AR-1260-2	8.498	7.439	10423843	16073515	25.038	55.130 #
33)	L7 AR-1260-3	8.830	7.587	10444782	4949881	33.261	17.440 #
34)	L7 AR-1260-4	9.109	8.068	91050019	2217436	261.666	9.046 #
35)	L7 AR-1260-5	9.426	8.297	25220955	76565335	38.360	123.642 #
36)	L8 AR-1262-1	8.830	7.784	10444782	1905304	23.788	11.371 #
37)	L8 AR-1262-2	9.426	8.297	25220955	76565335	34.638	114.370 #
38)	L8 AR-1262-3	9.751	8.590	6039842	36499311	12.125	136.259 #
39)	L8 AR-1262-4	9.857	8.700	11788995	16351457	29.108	31.050
40)	L8 AR-1262-5	10.483	9.197	7090327	2785084	25.565	11.834 #
41)	L9 AR-1268-1	9.751	8.590	6039842	36499311	7.202	46.406 #
42)	L9 AR-1268-2	9.857	8.700	11788995	16351457	14.432	20.938 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ020620\
 Data File : PQ046417.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2020 18:25
 Operator : AJ\MA
 Sample : L1408-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

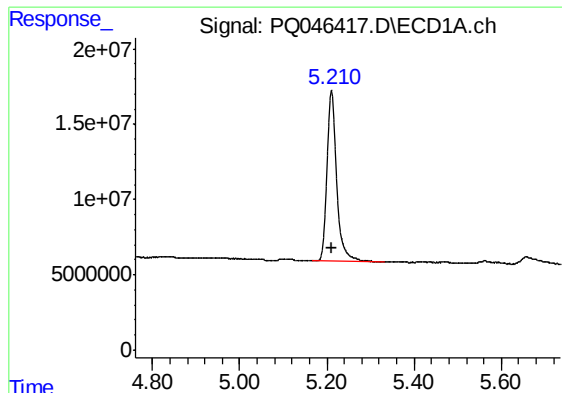
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 07 05:46:29 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ020520.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 05 15:38:19 2020
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	10.072	8.883	1172468	7322727	1.758	11.543 #
44) L9	AR-1268-4	10.483	9.197	7090327	2785084	22.960	10.006 #
45) L9	AR-1268-5	10.994	9.509	1600212	4381295	0.736	2.050 #

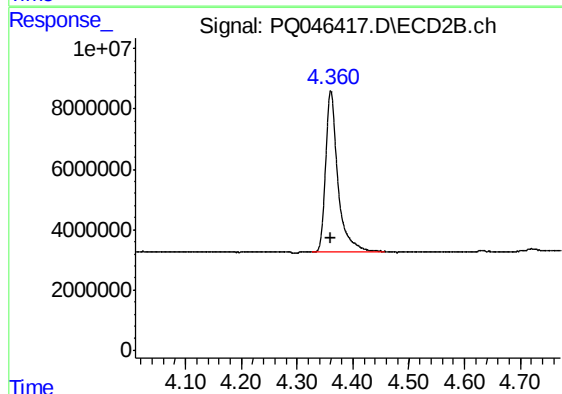
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

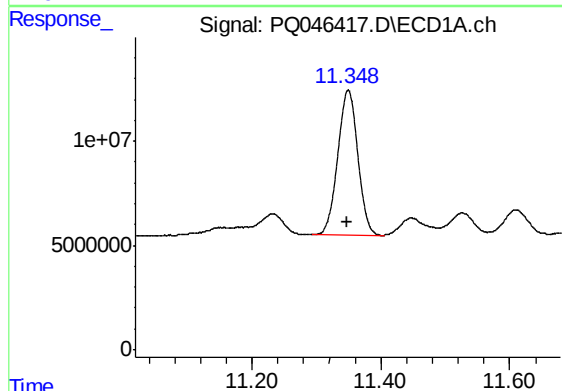
R.T.: 5.211 min
Delta R.T.: 0.000 min
Response: 175046251
Conc: 25.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



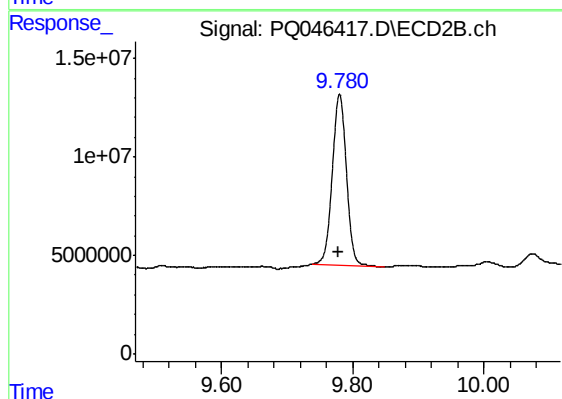
#1 Tetrachloro-m-xylene

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 81237217
Conc: 23.90 ng/ml



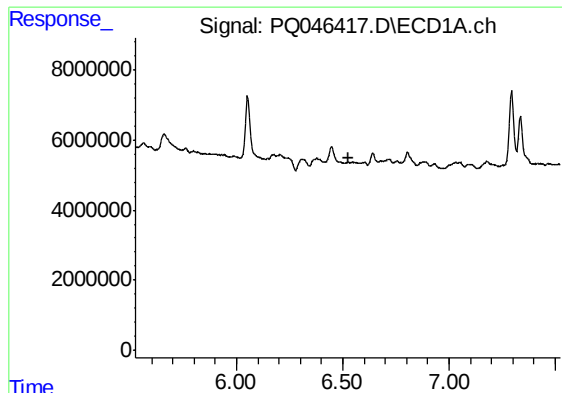
#2 Decachlorobiphenyl

R.T.: 11.349 min
Delta R.T.: 0.002 min
Response: 150603751
Conc: 23.49 ng/ml



#2 Decachlorobiphenyl

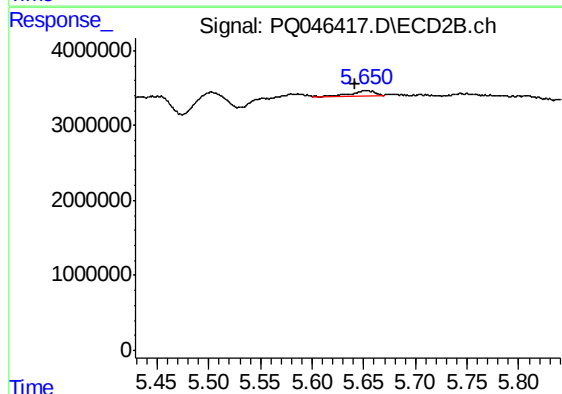
R.T.: 9.780 min
Delta R.T.: 0.002 min
Response: 130089253
Conc: 21.51 ng/ml



#3 AR-1016-1

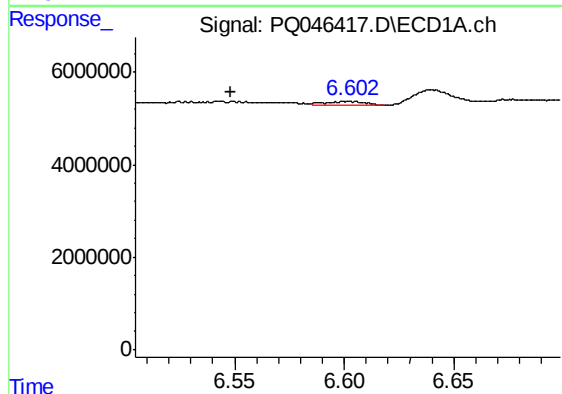
R.T.: 0.000 min
Exp R.T.: 6.524 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



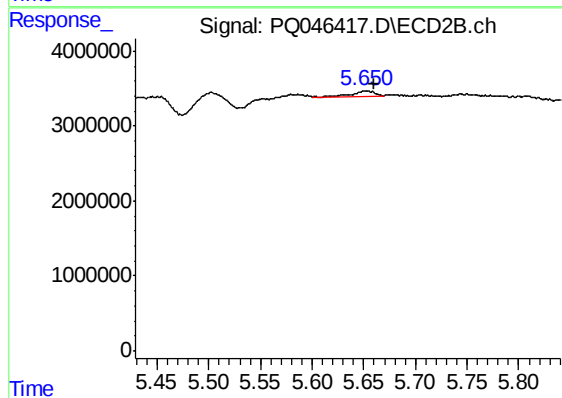
#3 AR-1016-1

R.T.: 5.651 min
Delta R.T.: 0.010 min
Response: 1188218
Conc: 9.57 ng/ml



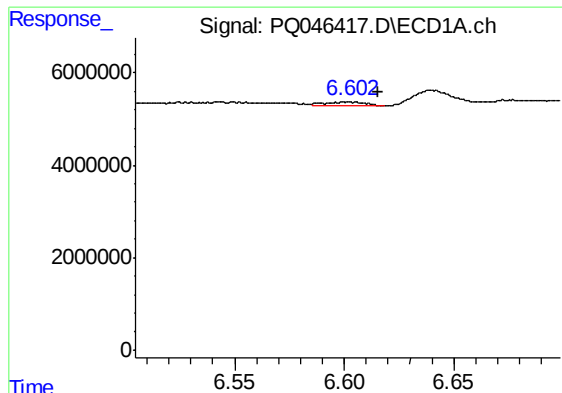
#4 AR-1016-2

R.T.: 6.602 min
Delta R.T.: 0.054 min
Response: 1027983
Conc: 2.54 ng/ml



#4 AR-1016-2

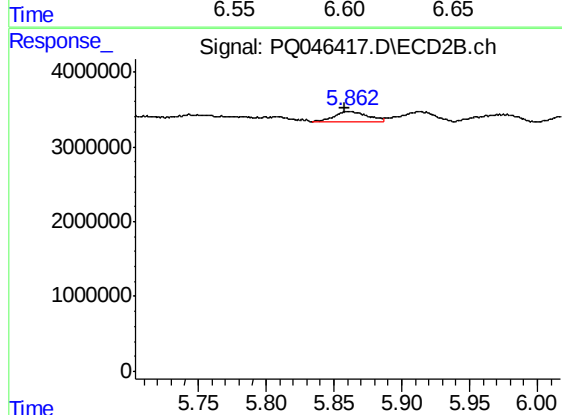
R.T.: 5.651 min
Delta R.T.: -0.009 min
Response: 1188218
Conc: 5.96 ng/ml



#5 AR-1016-3

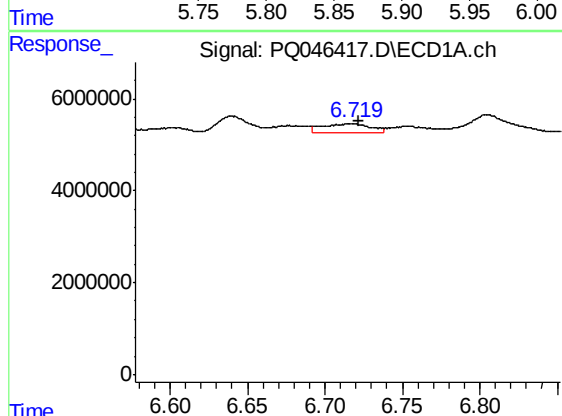
R.T.: 6.602 min
Delta R.T.: -0.013 min
Response: 1027983
Conc: 4.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



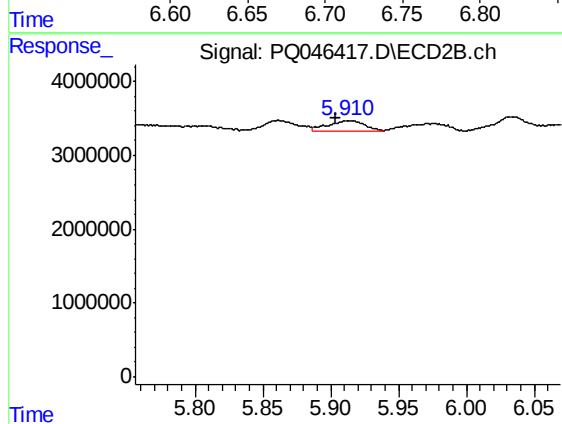
#5 AR-1016-3

R.T.: 5.861 min
Delta R.T.: 0.004 min
Response: 2281001
Conc: 23.47 ng/ml



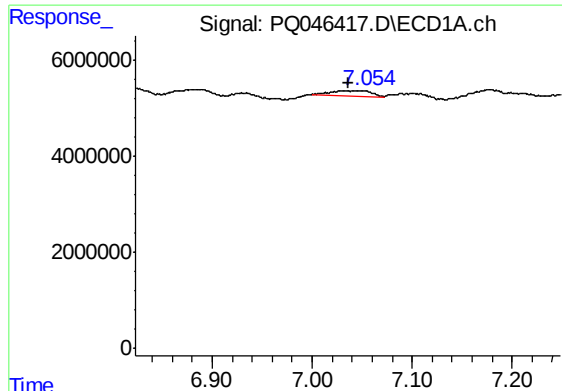
#6 AR-1016-4

R.T.: 6.717 min
Delta R.T.: -0.005 min
Response: 4339944
Conc: 21.08 ng/ml



#6 AR-1016-4

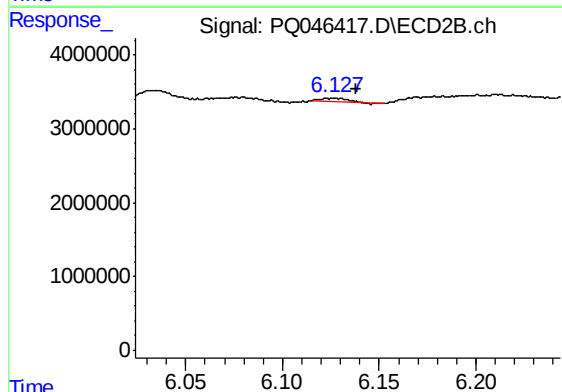
R.T.: 5.913 min
Delta R.T.: 0.010 min
Response: 2453588
Conc: 29.17 ng/ml



#7 AR-1016-5

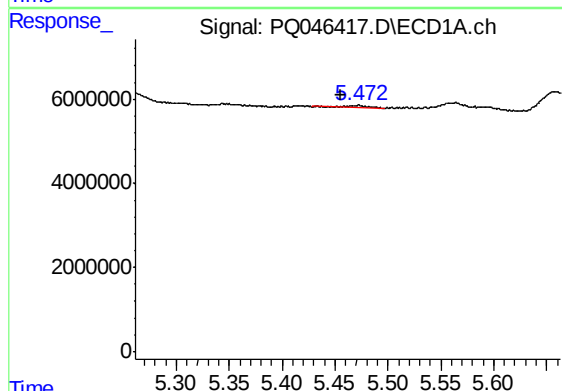
R.T.: 7.032 min
Delta R.T.: -0.005 min
Response: 2794979
Conc: 13.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



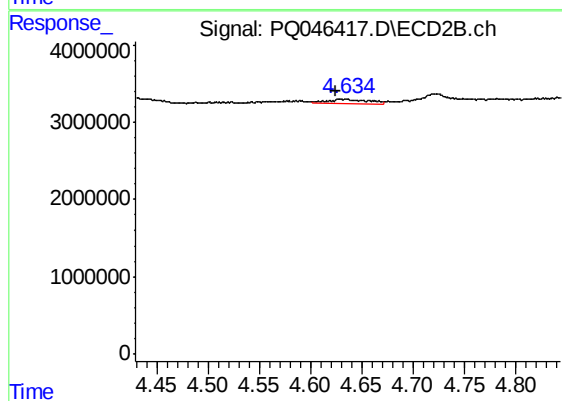
#7 AR-1016-5

R.T.: 6.127 min
Delta R.T.: -0.012 min
Response: 401792
Conc: 3.70 ng/ml



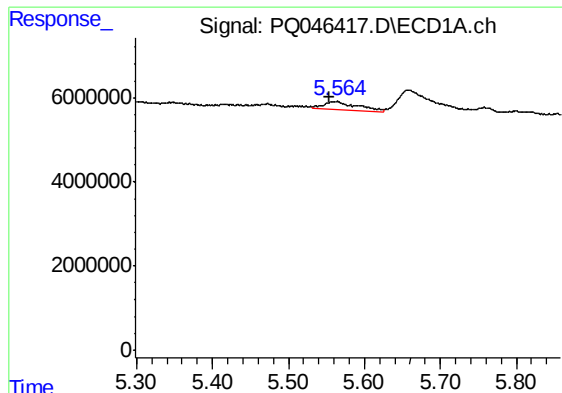
#8 AR-1221-1

R.T.: 5.472 min
Delta R.T.: 0.017 min
Response: 920685
Conc: 12.09 ng/ml



#8 AR-1221-1

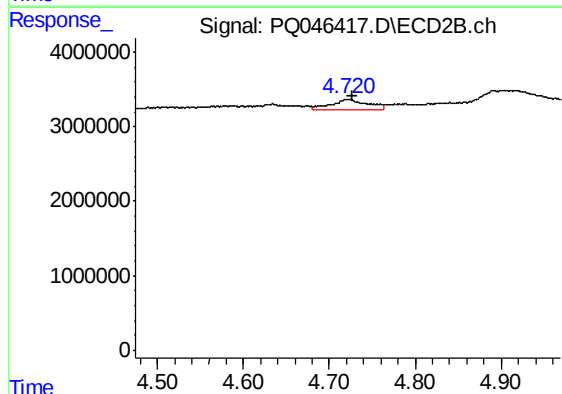
R.T.: 4.635 min
Delta R.T.: 0.011 min
Response: 1691959
Conc: 48.79 ng/ml



#9 AR-1221-2

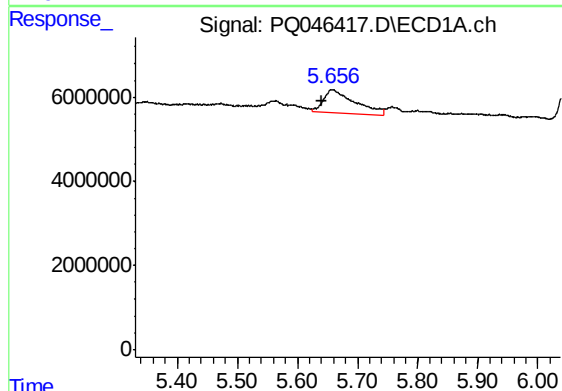
R.T.: 5.561 min
Delta R.T.: 0.007 min
Response: 5989809
Conc: 102.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



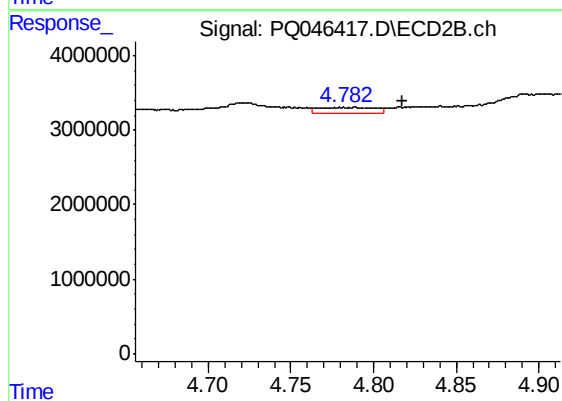
#9 AR-1221-2

R.T.: 4.720 min
Delta R.T.: -0.006 min
Response: 4002984
Conc: 152.85 ng/ml



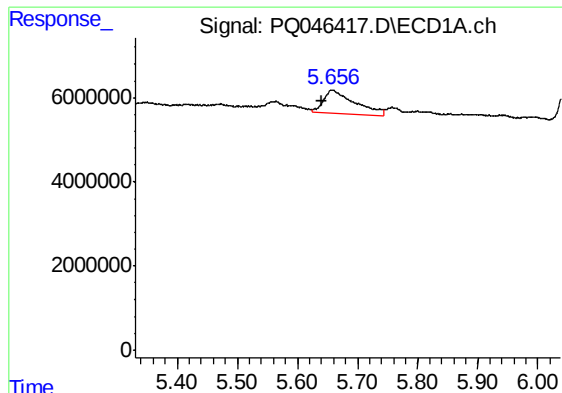
#10 AR-1221-3

R.T.: 5.657 min
Delta R.T.: 0.016 min
Response: 19480052
Conc: 106.64 ng/ml



#10 AR-1221-3

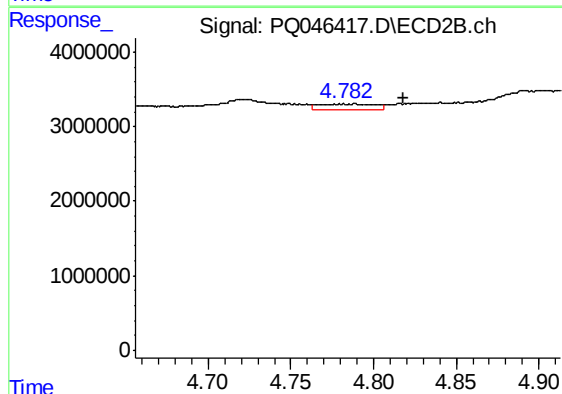
R.T.: 4.781 min
Delta R.T.: -0.036 min
Response: 1953298
Conc: 22.13 ng/ml



#11 AR-1232-1

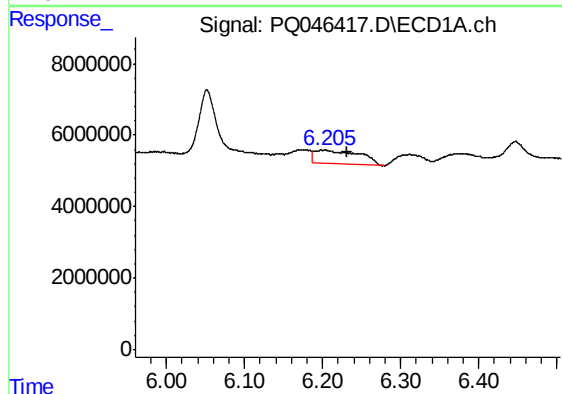
R.T.: 5.657 min
Delta R.T.: 0.016 min
Response: 19480052
Conc: 149.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



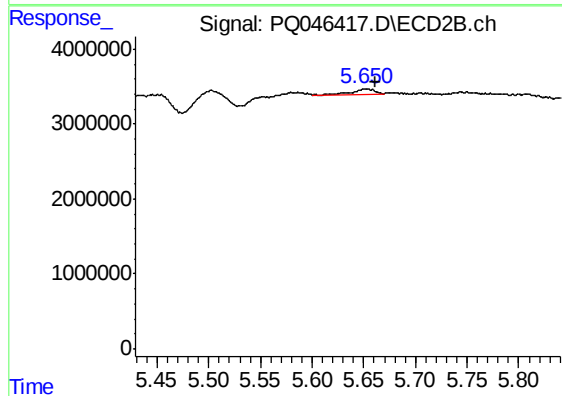
#11 AR-1232-1

R.T.: 4.781 min
Delta R.T.: -0.036 min
Response: 1953298
Conc: 31.74 ng/ml



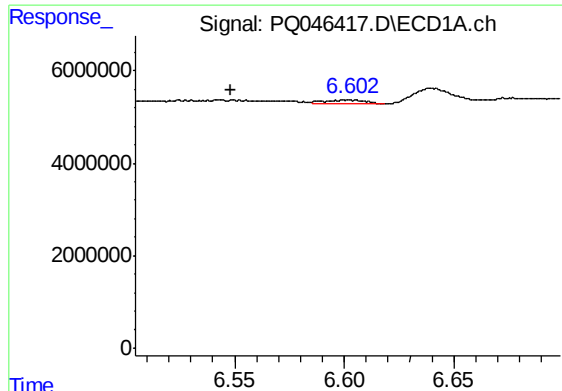
#12 AR-1232-2

R.T.: 6.203 min
Delta R.T.: -0.028 min
Response: 15608164
Conc: 214.62 ng/ml



#12 AR-1232-2

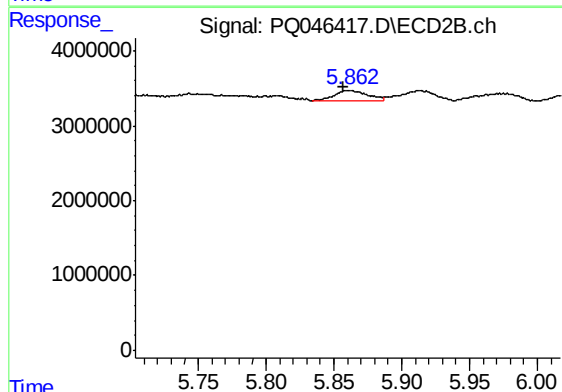
R.T.: 5.651 min
Delta R.T.: -0.010 min
Response: 1188218
Conc: 16.99 ng/ml



#13 AR-1232-3

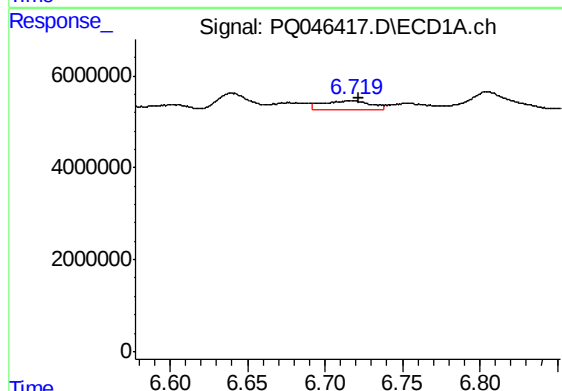
R.T.: 6.602 min
Delta R.T.: 0.054 min
Response: 1027983
Conc: 7.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



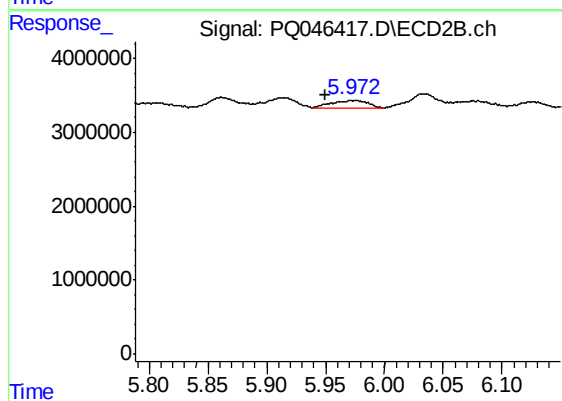
#13 AR-1232-3

R.T.: 5.861 min
Delta R.T.: 0.004 min
Response: 2281001
Conc: 69.88 ng/ml



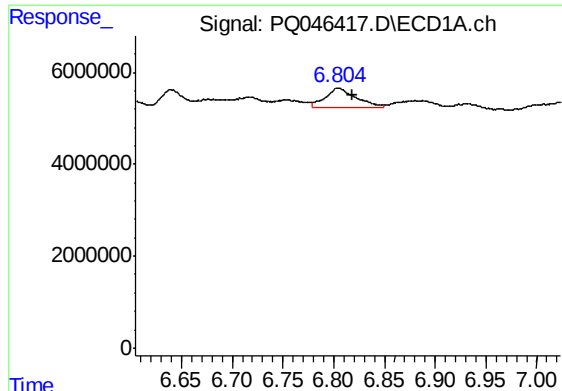
#14 AR-1232-4

R.T.: 6.717 min
Delta R.T.: -0.005 min
Response: 4339944
Conc: 61.01 ng/ml



#14 AR-1232-4

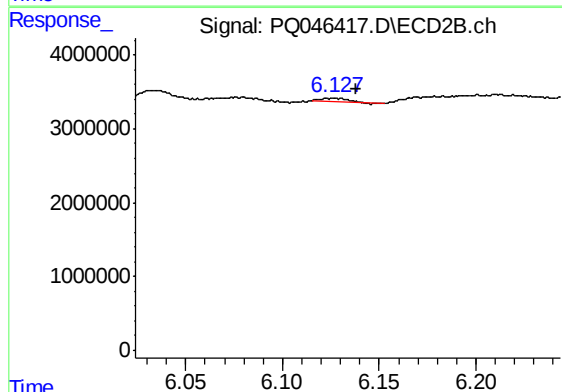
R.T.: 5.976 min
Delta R.T.: 0.027 min
Response: 2086319
Conc: 67.18 ng/ml



#15 AR-1232-5

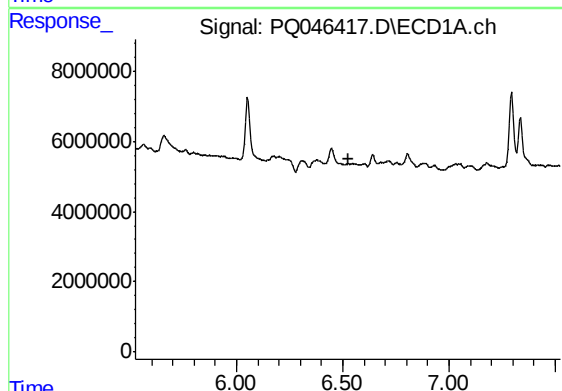
R.T.: 6.804 min
Delta R.T.: -0.014 min
Response: 9062965
Conc: 161.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



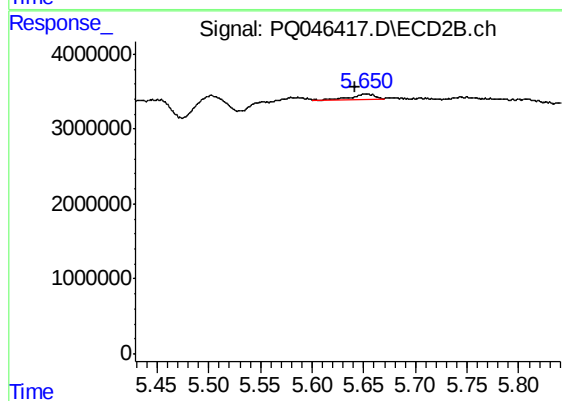
#15 AR-1232-5

R.T.: 6.127 min
Delta R.T.: -0.011 min
Response: 401792
Conc: 11.73 ng/ml



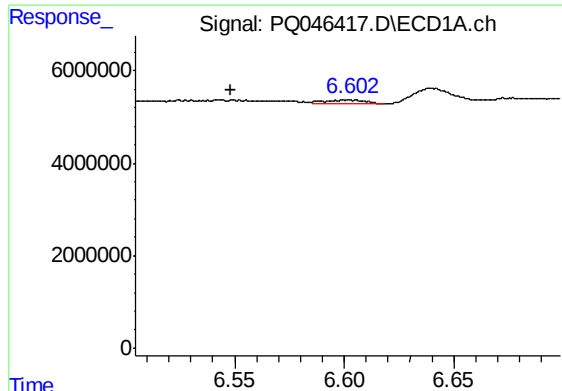
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 6.525 min
Response: 0
Conc: N.D.



#16 AR-1242-1

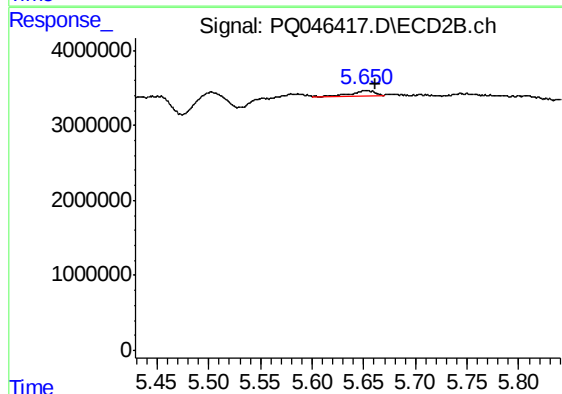
R.T.: 5.651 min
Delta R.T.: 0.010 min
Response: 1188218
Conc: 14.94 ng/ml



#17 AR-1242-2

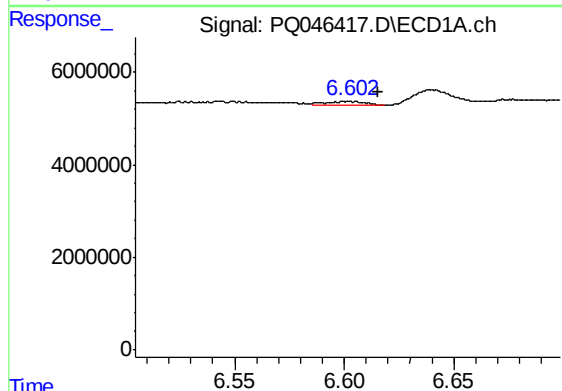
R.T.: 6.602 min
Delta R.T.: 0.054 min
Response: 1027983
Conc: 3.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



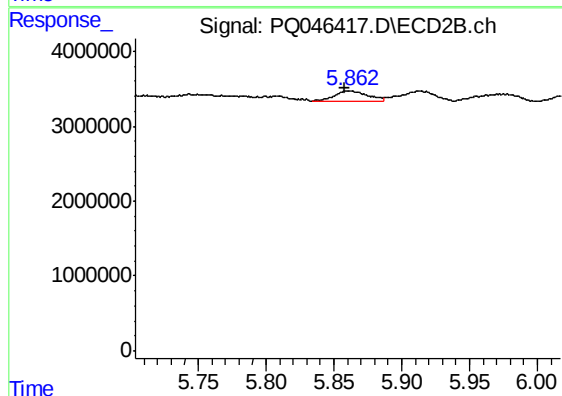
#17 AR-1242-2

R.T.: 5.651 min
Delta R.T.: -0.010 min
Response: 1188218
Conc: 8.76 ng/ml



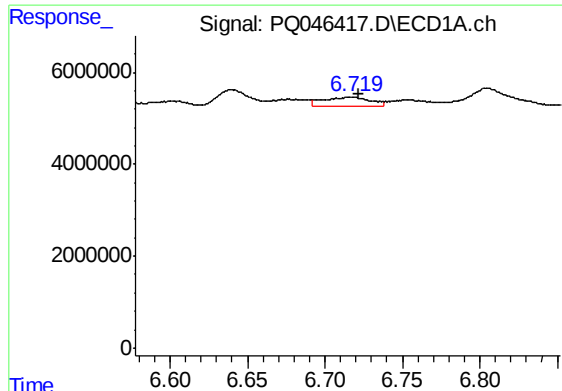
#18 AR-1242-3

R.T.: 6.602 min
Delta R.T.: -0.013 min
Response: 1027983
Conc: 6.20 ng/ml



#18 AR-1242-3

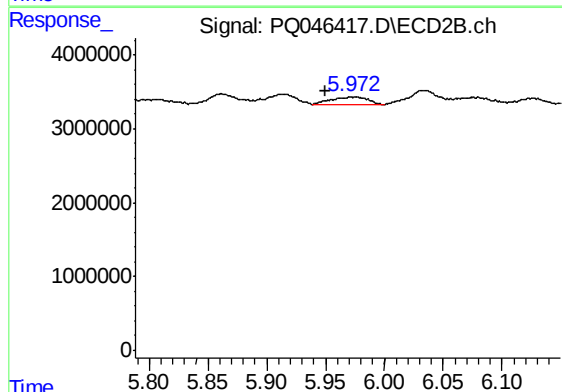
R.T.: 5.861 min
Delta R.T.: 0.004 min
Response: 2281001
Conc: 35.98 ng/ml



#19 AR-1242-4

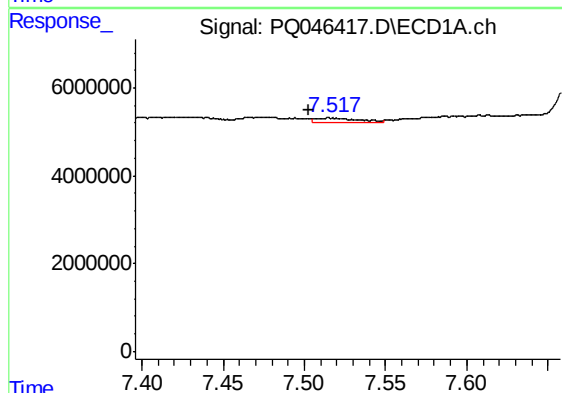
R.T.: 6.717 min
Delta R.T.: -0.004 min
Response: 4339944
Conc: 31.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



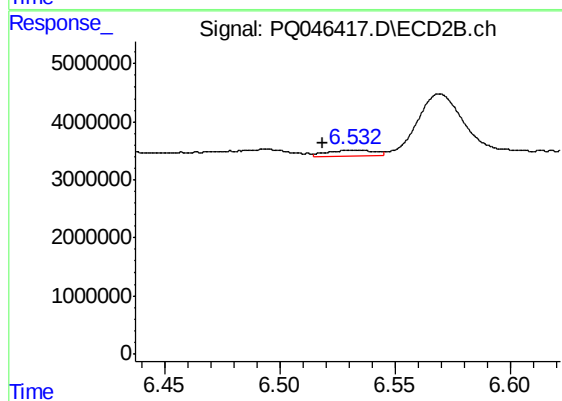
#19 AR-1242-4

R.T.: 5.976 min
Delta R.T.: 0.026 min
Response: 2086319
Conc: 30.97 ng/ml



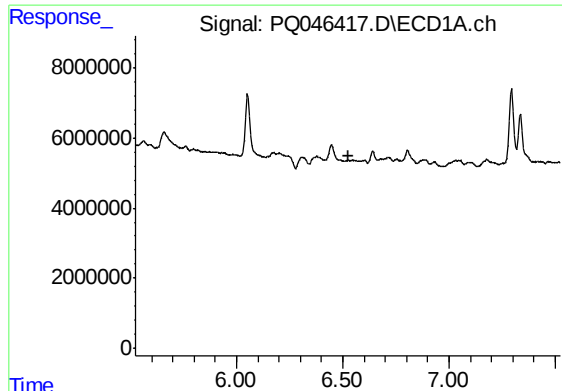
#20 AR-1242-5

R.T.: 7.516 min
Delta R.T.: 0.014 min
Response: 1950404
Conc: 12.38 ng/ml



#20 AR-1242-5

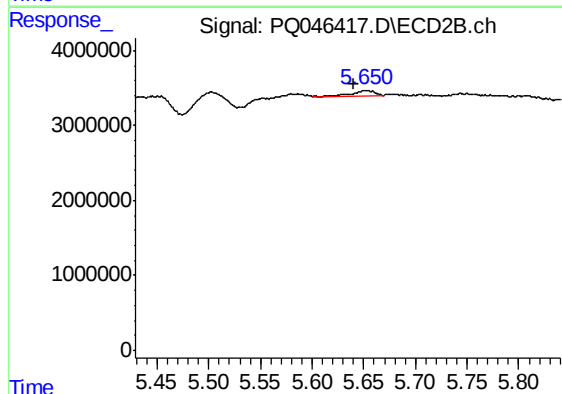
R.T.: 6.532 min
Delta R.T.: 0.013 min
Response: 1423048
Conc: 15.87 ng/ml



#21 AR-1248-1

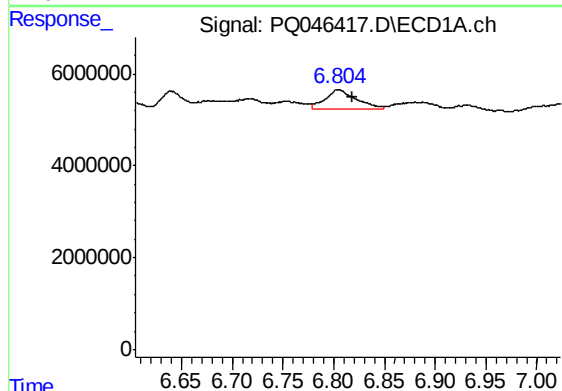
R.T.: 0.000 min
Exp R.T.: 6.525 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



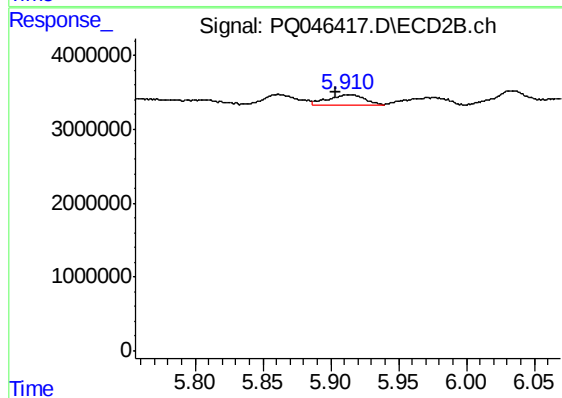
#21 AR-1248-1

R.T.: 5.651 min
Delta R.T.: 0.011 min
Response: 1188218
Conc: 17.20 ng/ml



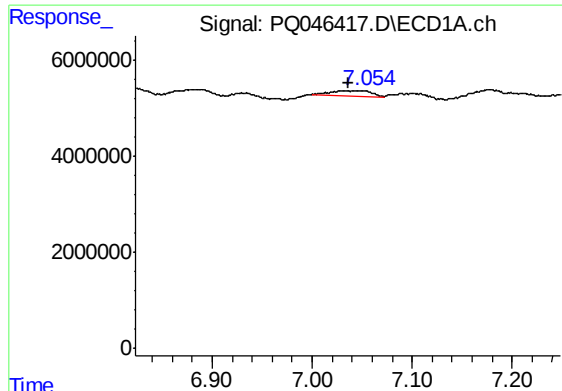
#22 AR-1248-2

R.T.: 6.804 min
Delta R.T.: -0.014 min
Response: 9062965
Conc: 41.62 ng/ml



#22 AR-1248-2

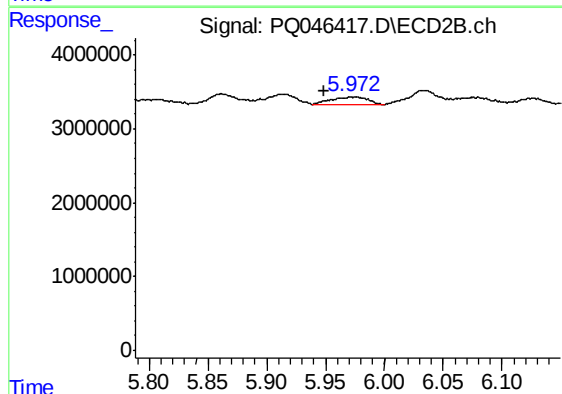
R.T.: 5.913 min
Delta R.T.: 0.010 min
Response: 2453588
Conc: 23.84 ng/ml



#23 AR-1248-3

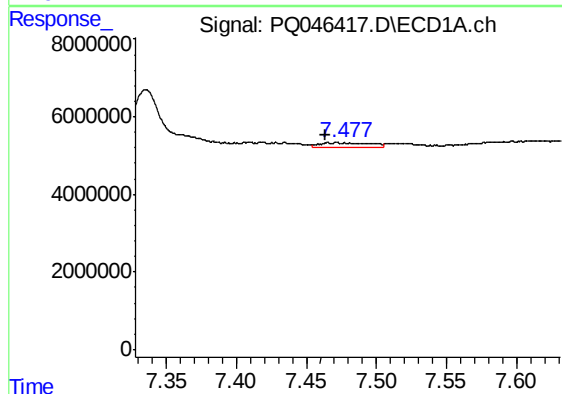
R.T.: 7.032 min
Delta R.T.: -0.004 min
Response: 2794979
Conc: 11.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



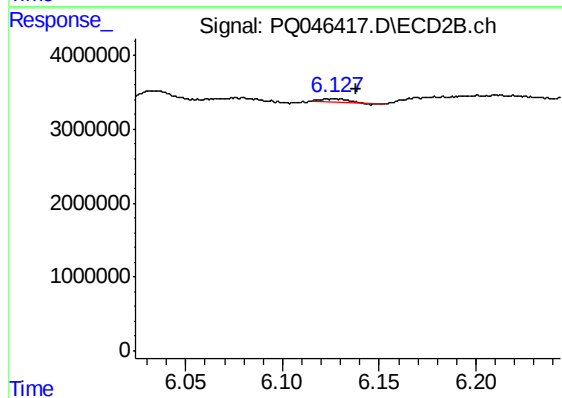
#23 AR-1248-3

R.T.: 5.976 min
Delta R.T.: 0.027 min
Response: 2086319
Conc: 19.63 ng/ml



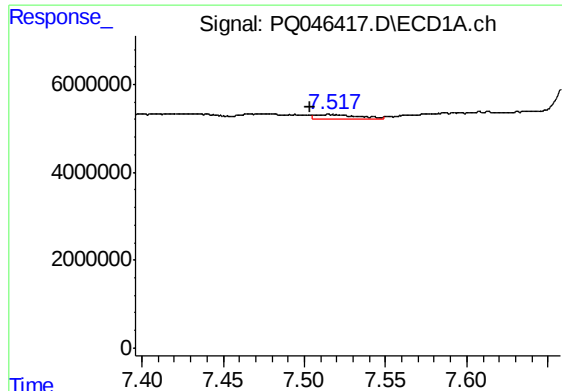
#24 AR-1248-4

R.T.: 7.472 min
Delta R.T.: 0.008 min
Response: 3157437
Conc: 11.64 ng/ml



#24 AR-1248-4

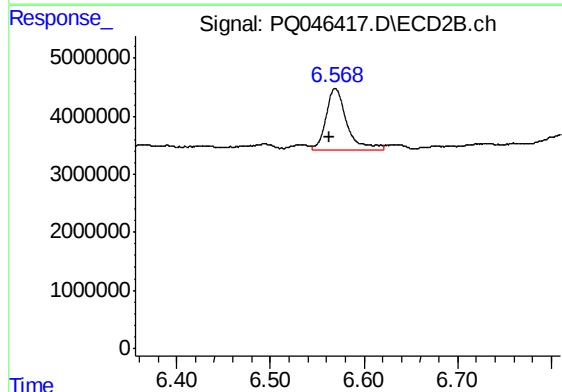
R.T.: 6.127 min
Delta R.T.: -0.011 min
Response: 401792
Conc: 3.11 ng/ml



#25 AR-1248-5

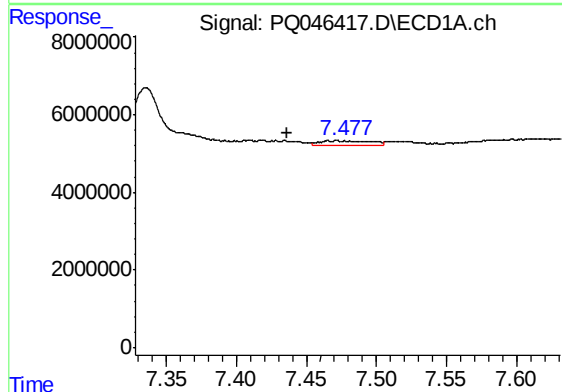
R.T.: 7.516 min
Delta R.T.: 0.012 min
Response: 1950404
Conc: 7.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



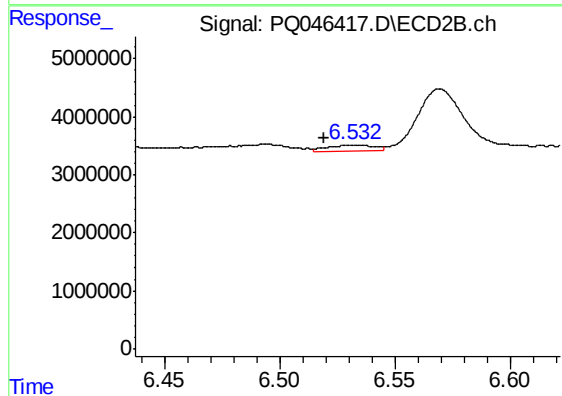
#25 AR-1248-5

R.T.: 6.569 min
Delta R.T.: 0.006 min
Response: 16277533
Conc: 124.41 ng/ml



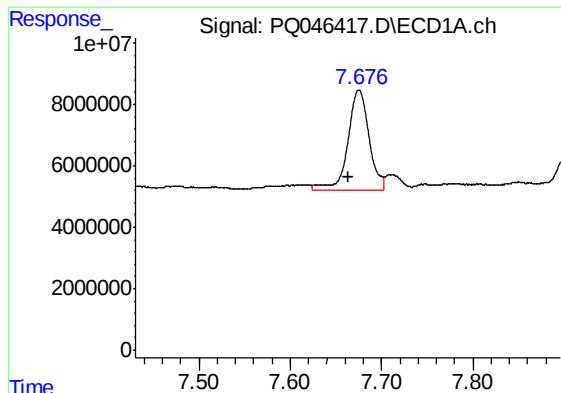
#26 AR-1254-1

R.T.: 7.472 min
Delta R.T.: 0.036 min
Response: 3157437
Conc: 11.49 ng/ml



#26 AR-1254-1

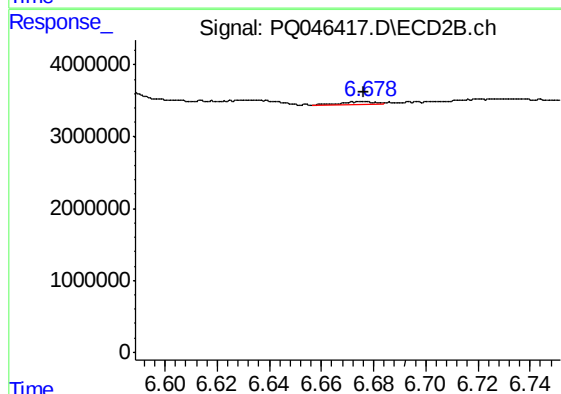
R.T.: 6.532 min
Delta R.T.: 0.013 min
Response: 1423048
Conc: 6.92 ng/ml



#27 AR-1254-2

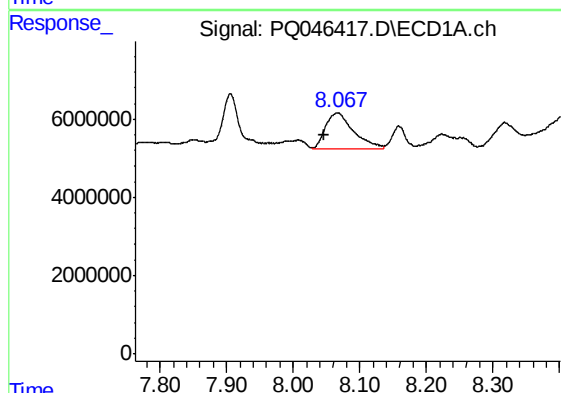
R.T.: 7.675 min
Delta R.T.: 0.011 min
Response: 52088101
Conc: 122.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



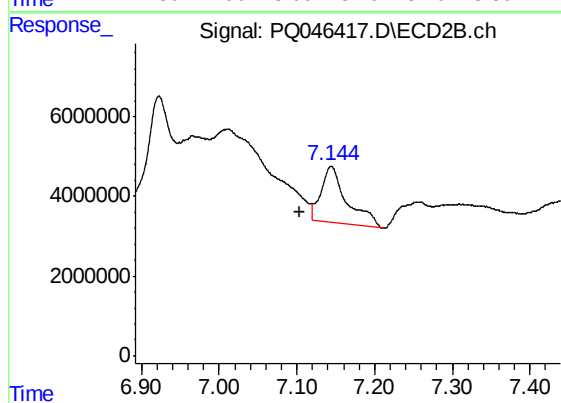
#27 AR-1254-2

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 362105
Conc: 1.96 ng/ml



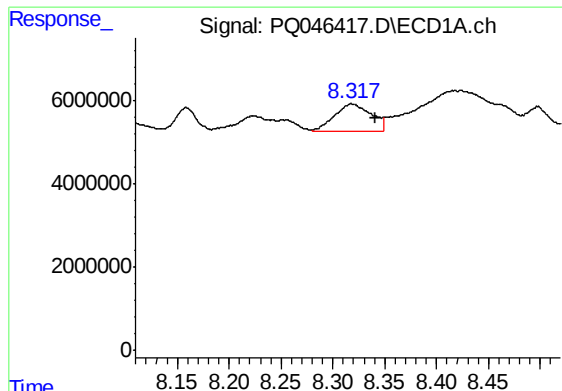
#28 AR-1254-3

R.T.: 8.066 min
Delta R.T.: 0.021 min
Response: 26573112
Conc: 59.26 ng/ml



#28 AR-1254-3

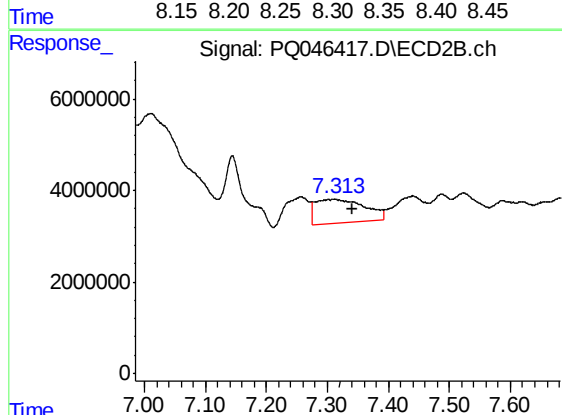
R.T.: 7.144 min
Delta R.T.: 0.040 min
Response: 32796517
Conc: 102.93 ng/ml



#29 AR-1254-4

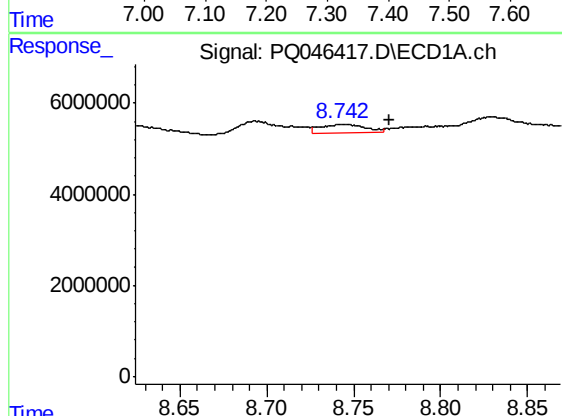
R.T.: 8.318 min
Delta R.T.: -0.023 min
Response: 15718980
Conc: 47.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



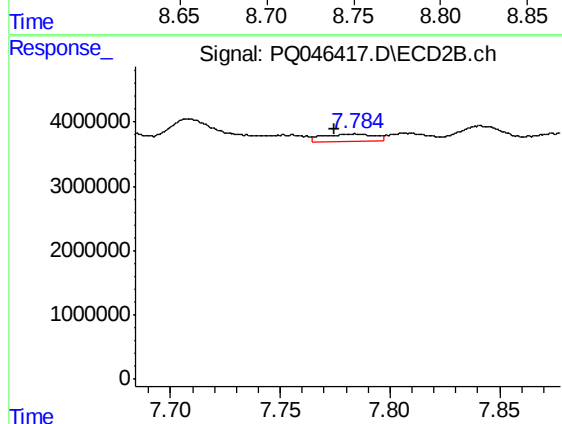
#29 AR-1254-4

R.T.: 7.309 min
Delta R.T.: -0.033 min
Response: 28525266
Conc: 147.32 ng/ml



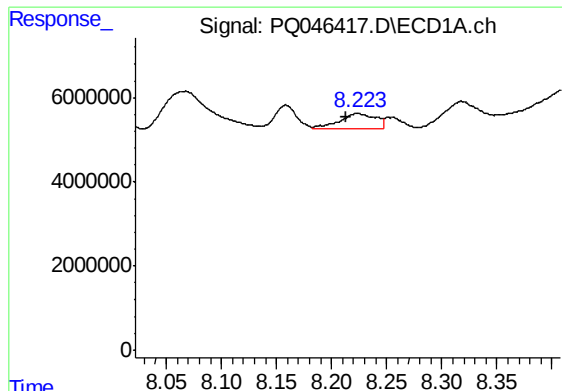
#30 AR-1254-5

R.T.: 8.744 min
Delta R.T.: -0.026 min
Response: 3477822
Conc: 10.20 ng/ml



#30 AR-1254-5

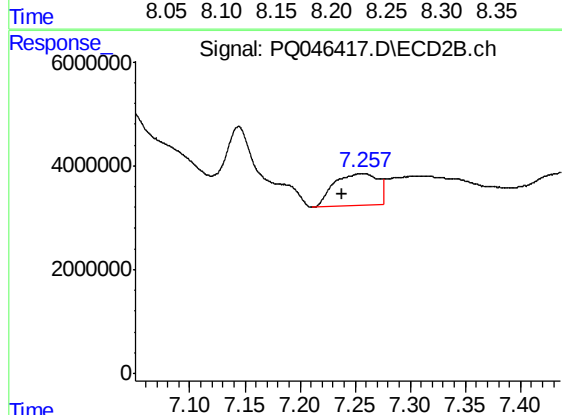
R.T.: 7.784 min
Delta R.T.: 0.009 min
Response: 1905304
Conc: 6.41 ng/ml



#31 AR-1260-1

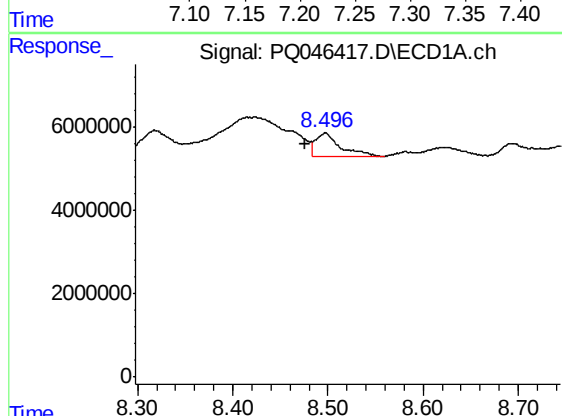
R.T.: 8.223 min
Delta R.T.: 0.010 min
Response: 8381218
Conc: 23.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



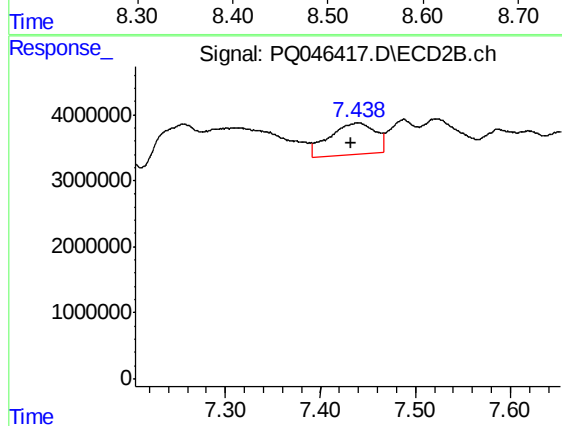
#31 AR-1260-1

R.T.: 7.256 min
Delta R.T.: 0.017 min
Response: 17071265
Conc: 72.35 ng/ml



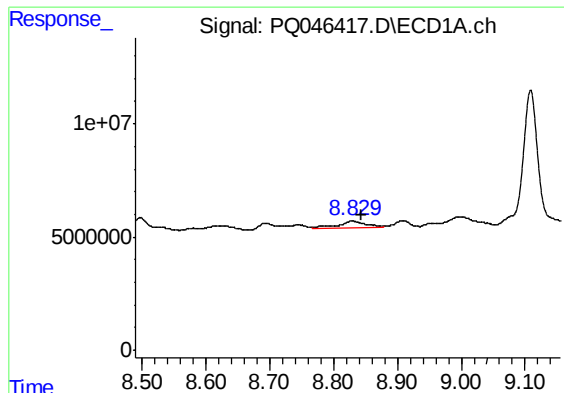
#32 AR-1260-2

R.T.: 8.498 min
Delta R.T.: 0.021 min
Response: 10423843
Conc: 25.04 ng/ml



#32 AR-1260-2

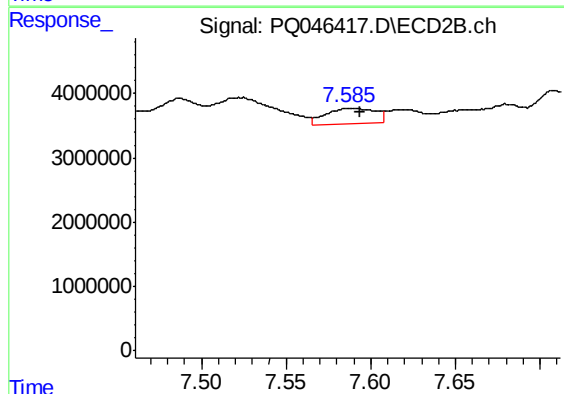
R.T.: 7.439 min
Delta R.T.: 0.007 min
Response: 16073515
Conc: 55.13 ng/ml



#33 AR-1260-3

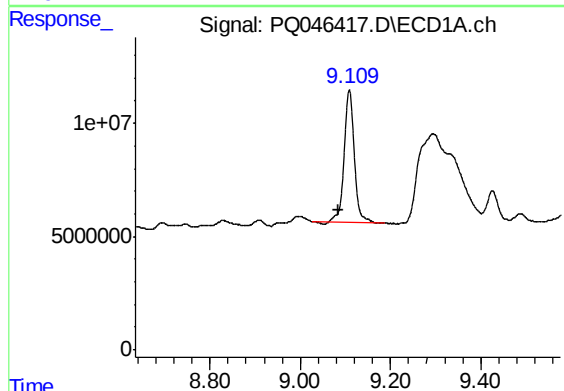
R.T.: 8.830 min
Delta R.T.: -0.014 min
Response: 10444782
Conc: 33.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



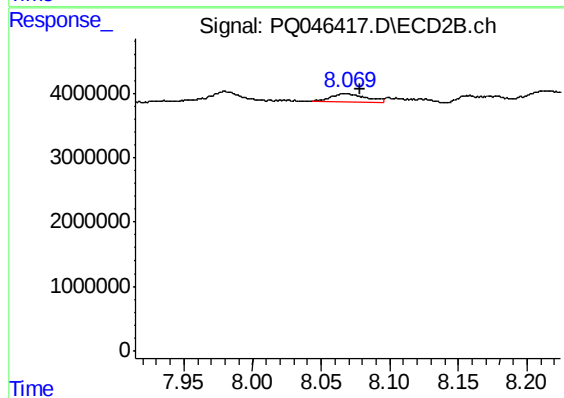
#33 AR-1260-3

R.T.: 7.587 min
Delta R.T.: -0.007 min
Response: 4949881
Conc: 17.44 ng/ml



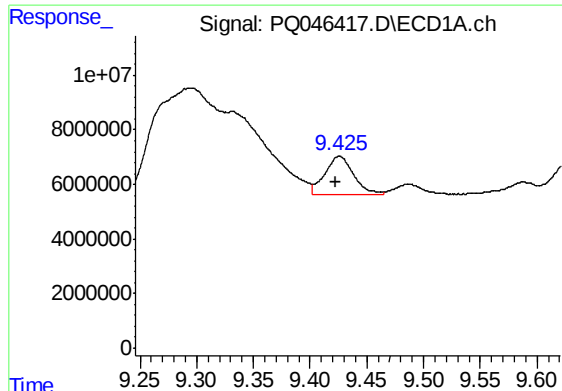
#34 AR-1260-4

R.T.: 9.109 min
Delta R.T.: 0.025 min
Response: 91050019
Conc: 261.67 ng/ml



#34 AR-1260-4

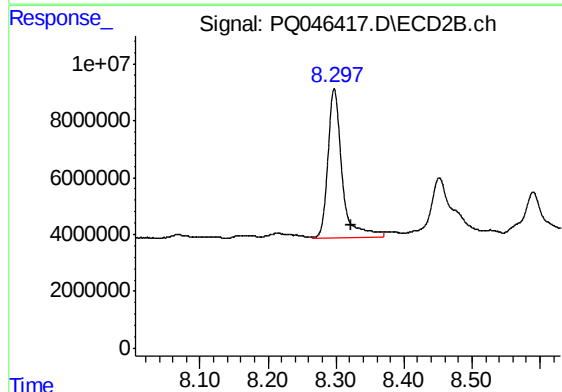
R.T.: 8.068 min
Delta R.T.: -0.010 min
Response: 2217436
Conc: 9.05 ng/ml



#35 AR-1260-5

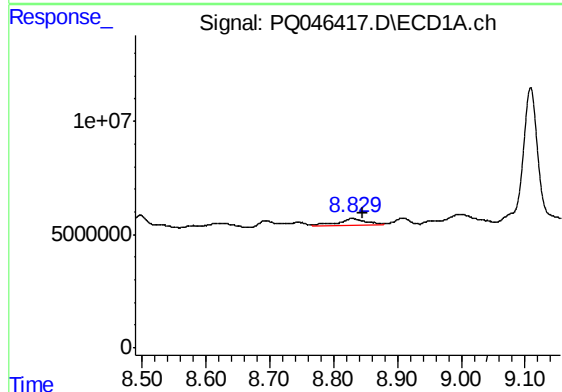
R.T.: 9.426 min
Delta R.T.: 0.003 min
Response: 25220955
Conc: 38.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



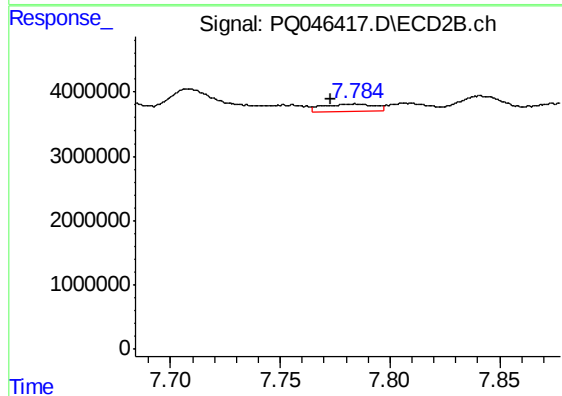
#35 AR-1260-5

R.T.: 8.297 min
Delta R.T.: -0.025 min
Response: 76565335
Conc: 123.64 ng/ml



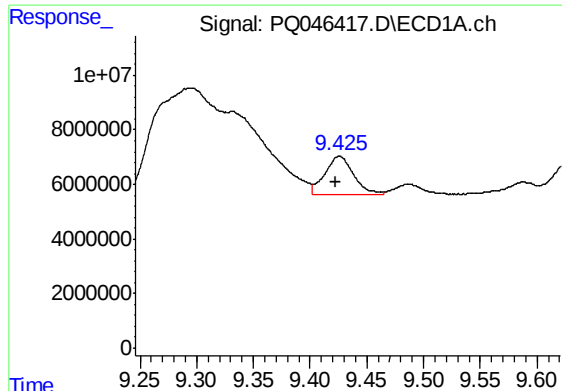
#36 AR-1262-1

R.T.: 8.830 min
Delta R.T.: -0.015 min
Response: 10444782
Conc: 23.79 ng/ml



#36 AR-1262-1

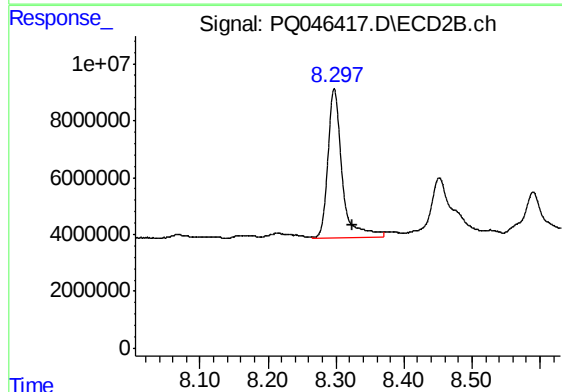
R.T.: 7.784 min
Delta R.T.: 0.010 min
Response: 1905304
Conc: 11.37 ng/ml



#37 AR-1262-2

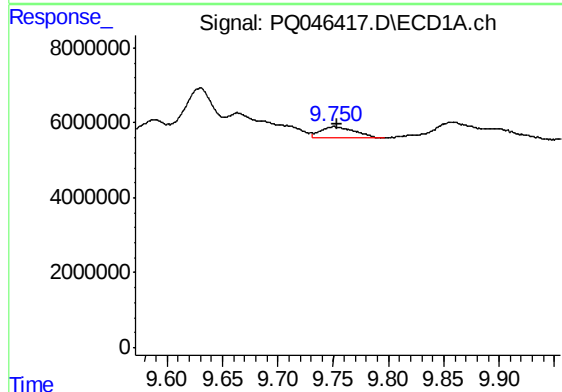
R.T.: 9.426 min
Delta R.T.: 0.003 min
Response: 25220955
Conc: 34.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



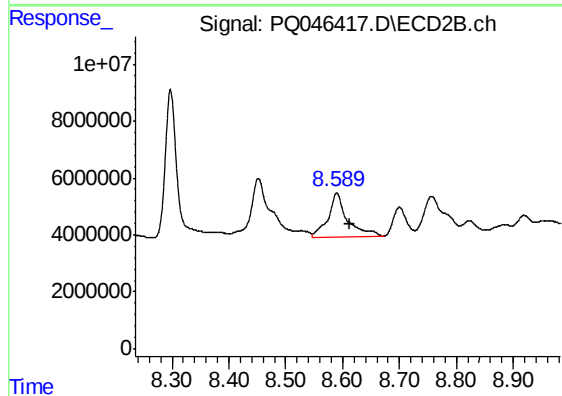
#37 AR-1262-2

R.T.: 8.297 min
Delta R.T.: -0.026 min
Response: 76565335
Conc: 114.37 ng/ml



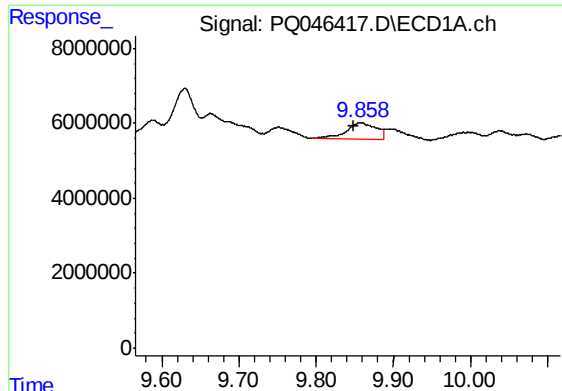
#38 AR-1262-3

R.T.: 9.751 min
Delta R.T.: -0.003 min
Response: 6039842
Conc: 12.12 ng/ml



#38 AR-1262-3

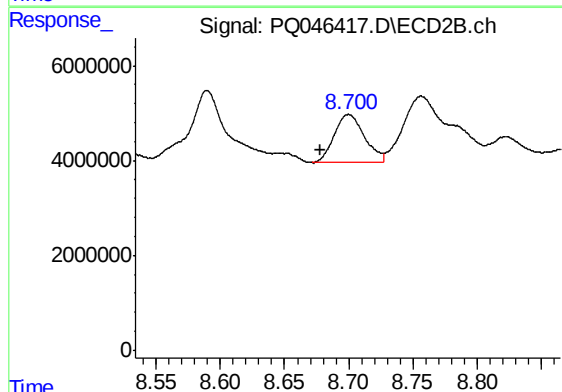
R.T.: 8.590 min
Delta R.T.: -0.022 min
Response: 36499311
Conc: 136.26 ng/ml



#39 AR-1262-4

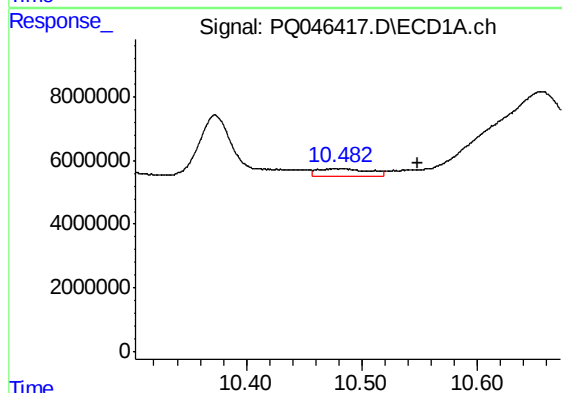
R.T.: 9.857 min
Delta R.T.: 0.009 min
Response: 11788995
Conc: 29.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



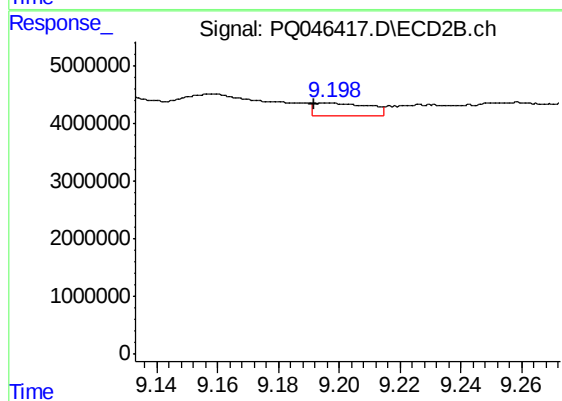
#39 AR-1262-4

R.T.: 8.700 min
Delta R.T.: 0.022 min
Response: 16351457
Conc: 31.05 ng/ml



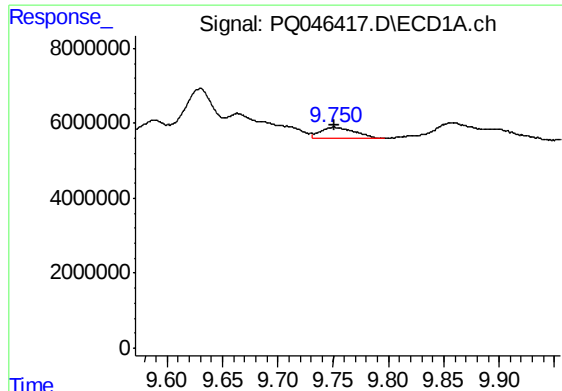
#40 AR-1262-5

R.T.: 10.483 min
Delta R.T.: -0.065 min
Response: 7090327
Conc: 25.57 ng/ml



#40 AR-1262-5

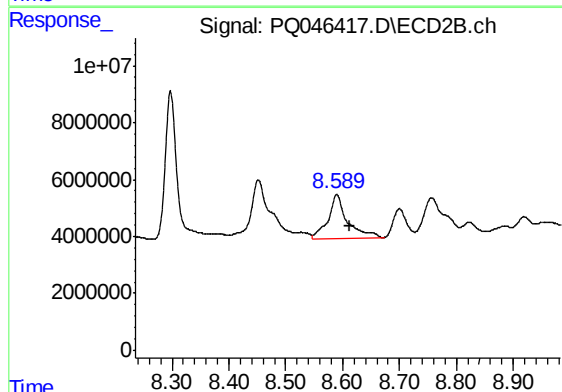
R.T.: 9.197 min
Delta R.T.: 0.005 min
Response: 2785084
Conc: 11.83 ng/ml



#41 AR-1268-1

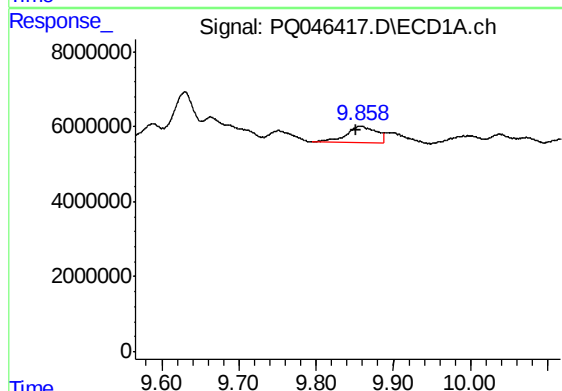
R.T.: 9.751 min
Delta R.T.: 0.000 min
Response: 6039842
Conc: 7.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



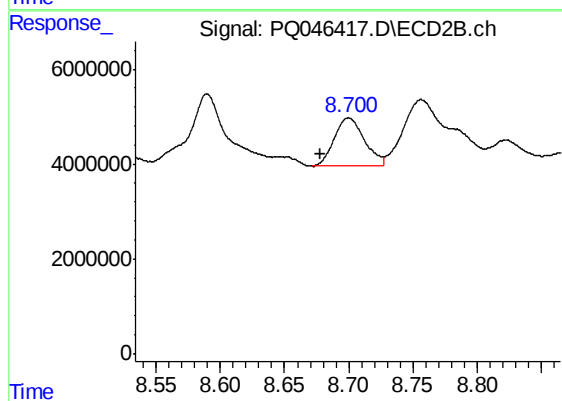
#41 AR-1268-1

R.T.: 8.590 min
Delta R.T.: -0.022 min
Response: 36499311
Conc: 46.41 ng/ml



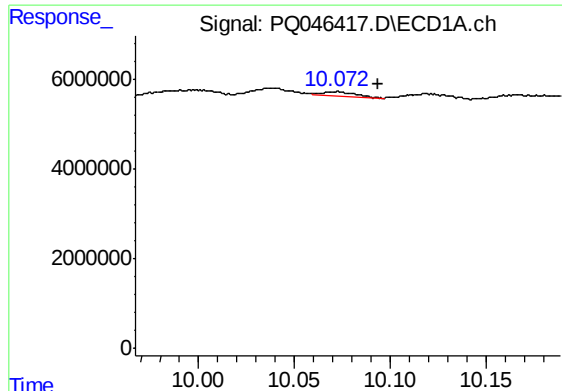
#42 AR-1268-2

R.T.: 9.857 min
Delta R.T.: 0.005 min
Response: 11788995
Conc: 14.43 ng/ml



#42 AR-1268-2

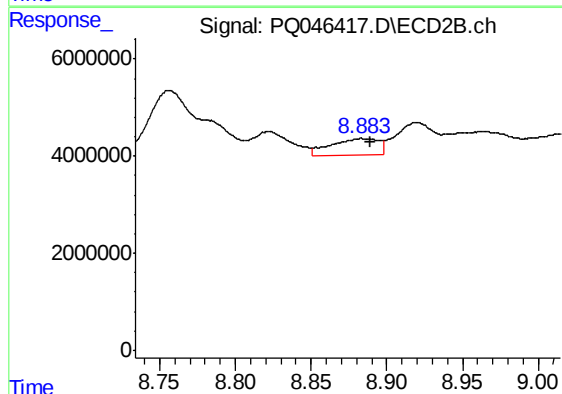
R.T.: 8.700 min
Delta R.T.: 0.022 min
Response: 16351457
Conc: 20.94 ng/ml



#43 AR-1268-3

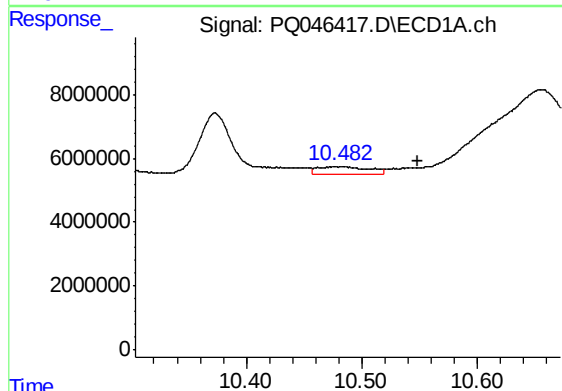
R.T.: 10.072 min
Delta R.T.: -0.022 min
Response: 1172468
Conc: 1.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



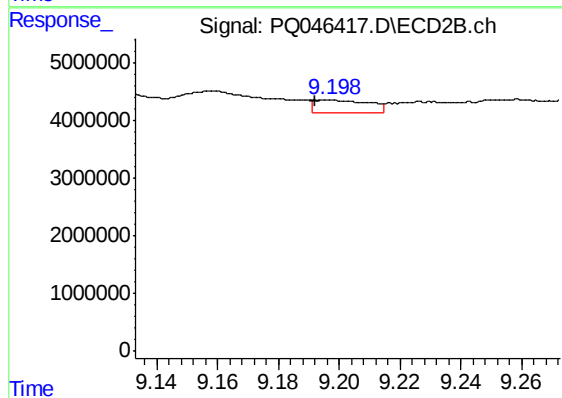
#43 AR-1268-3

R.T.: 8.883 min
Delta R.T.: -0.006 min
Response: 7322727
Conc: 11.54 ng/ml



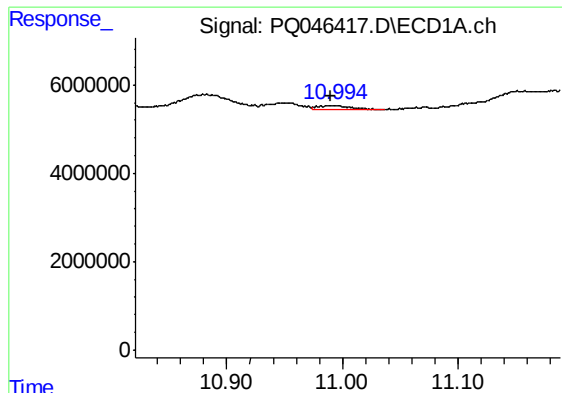
#44 AR-1268-4

R.T.: 10.483 min
Delta R.T.: -0.065 min
Response: 7090327
Conc: 22.96 ng/ml



#44 AR-1268-4

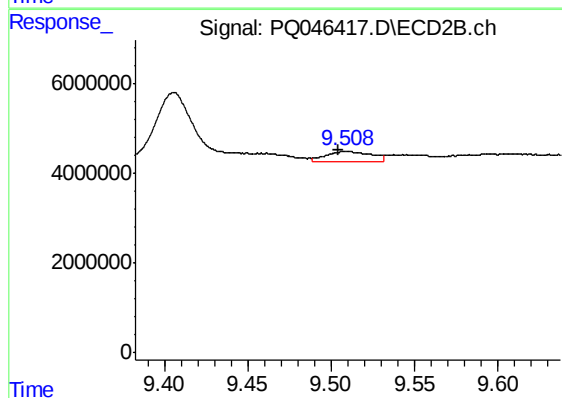
R.T.: 9.197 min
Delta R.T.: 0.005 min
Response: 2785084
Conc: 10.01 ng/ml



#45 AR-1268-5

R.T.: 10.994 min
Delta R.T.: 0.004 min
Response: 1600212
Conc: 0.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.509 min
Delta R.T.: 0.005 min
Response: 4381295
Conc: 2.05 ng/ml