

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ061020\
 Data File : PQ048296.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jun 2020 22:50
 Operator : AJ\MA
 Sample : L2938-12 10X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 00:51:46 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060920.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 10 03:52:33 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...	5.298	4.290	18818509	7929081	2.202	1.920
2)	SA Decachlor...	11.571	9.658	18658227	9169056	2.012	2.049
Target Compounds							
3)	L1 AR-1016-1	6.651	5.554	26853705	2058214	89.917	13.231 #
4)	L1 AR-1016-2	6.651	5.582	26853705	2514139	65.753	11.884 #
5)	L1 AR-1016-3	6.729	5.768	15051612	2804769	59.541	25.822 #
6)	L1 AR-1016-4	6.796	5.819	48943166	2709711	237.281	30.310 #
7)	L1 AR-1016-5	7.099	6.075	60737310	-963569	307.130	N.D. #
8)	L2 AR-1221-1	5.580	4.541	8728333	1785791	97.713	41.436 #
9)	L2 AR-1221-2	5.683	4.646	15076716	2338248	221.142	71.711 #
10)	L2 AR-1221-3	5.789	4.741	8367480	2565212	39.815	25.179 #
11)	L3 AR-1232-1	5.789	4.741	8367480	2565212	49.582	31.435 #
12)	L3 AR-1232-2	6.316	5.582	39244935	2514139	458.106	29.443 #
13)	L3 AR-1232-3	6.651	5.768	26853705	2804769	160.459	65.037 #
14)	L3 AR-1232-4	6.796	5.875	48943166	2010175	576.846	51.281 #
15)	L3 AR-1232-5	6.935	6.075	12413697	-963569	195.913	N.D. #
16)	L4 AR-1242-1	6.651	5.554	26853705	2058214	118.621	17.865 #
17)	L4 AR-1242-2	6.651	5.582	26853705	2514139	86.987	15.953 #
18)	L4 AR-1242-3	6.729	5.768	15051612	2804769	78.584	34.182 #
19)	L4 AR-1242-4	6.796	5.875	48943166	2010175	308.675	24.868 #
20)	L4 AR-1242-5	7.639	6.434	7978196	6308014	46.954	58.946 #
21)	L5 AR-1248-1	6.651	5.554	26853705	2058214	154.728	23.300 #
22)	L5 AR-1248-2	6.935	5.819	12413697	2709711	55.809	24.154 #
23)	L5 AR-1248-3	7.099	5.875	60737310	2010175	248.901	17.666 #
24)	L5 AR-1248-4	7.586	6.075	21099540	-963569	76.290	N.D. #
25)	L5 AR-1248-5	7.639	6.478	7978196	2207067	30.347	16.041 #
26)	L6 AR-1254-1	7.553	6.434	8943313	6308014	29.855	26.699
27)	L6 AR-1254-2	7.788	6.586	19778106	2057542	42.738	10.033 #
28)	L6 AR-1254-3	8.182	7.014	4720941	6828111	9.686	20.346 #
29)	L6 AR-1254-4	8.450	7.247	11381203	4816271	30.060	21.930 #
30)	L6 AR-1254-5	8.885	7.680	9519593	2810850	23.818	9.622 #
31)	L7 AR-1260-1	8.325	7.150	7357144	5013330	21.941	24.962
32)	L7 AR-1260-2	8.590	7.342	14540435	4351698	36.245	17.571 #
33)	L7 AR-1260-3	8.959	7.501	3012238	4151417	9.533	18.412 #
34)	L7 AR-1260-4	9.210	7.985	2798000	1311872	7.582	6.834
35)	L7 AR-1260-5	9.559	8.230	4229033	2687234	4.980	5.622
36)	L8 AR-1262-1	8.959	7.680	3012238	2810850	6.943	19.862 #
37)	L8 AR-1262-2	9.559	8.230	4229033	2687234	5.098	5.098
38)	L8 AR-1262-3	9.891	8.518	9660340	7755027	24.937	36.057 #
39)	L8 AR-1262-4	10.003	8.584	5346272	3933691	11.794	10.220
40)	L8 AR-1262-5	10.737	9.088	3343686	2883653	9.908	15.700 #
41)	L9 AR-1268-1	9.891	8.518	9660340	7755027	8.518	11.300 #

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 Operator : AJ\MA
 Sample : L2938-12 10X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

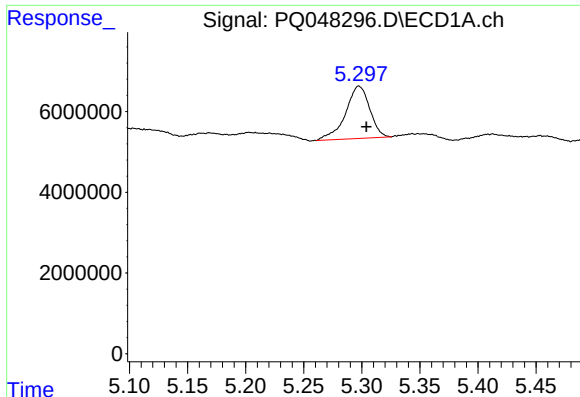
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 00:51:46 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060920.M
 Quant Title : GC EXTRACTABLES
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 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
42) L9	AR-1268-2	10.003	8.584	5346272	3933691	4.896	6.191 #
43) L9	AR-1268-3	0.000	8.797	0	2564842	N.D.	4.844 #
44) L9	AR-1268-4	10.737	9.088	3343686	2883653	7.921	12.377 #
45) L9	AR-1268-5	11.197	9.393	7671735	4897563	2.410	2.797

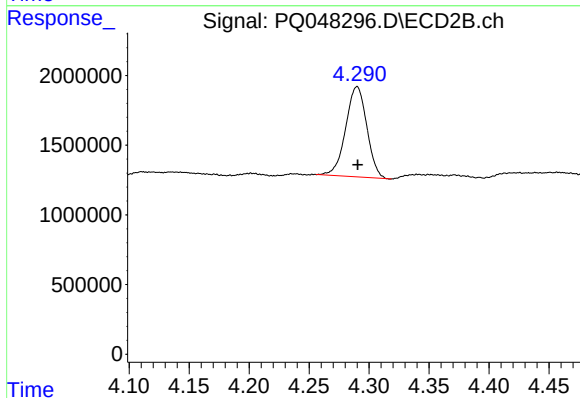
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

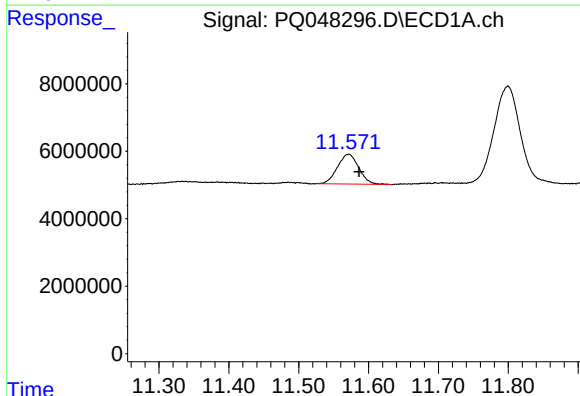
R.T.: 5.298 min
Delta R.T.: -0.006 min
Response: 18818509
Conc: 2.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



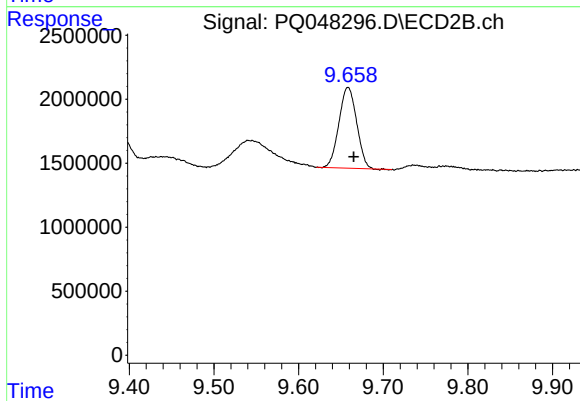
#1 Tetrachloro-m-xylene

R.T.: 4.290 min
Delta R.T.: 0.000 min
Response: 7929081
Conc: 1.92 ng/ml



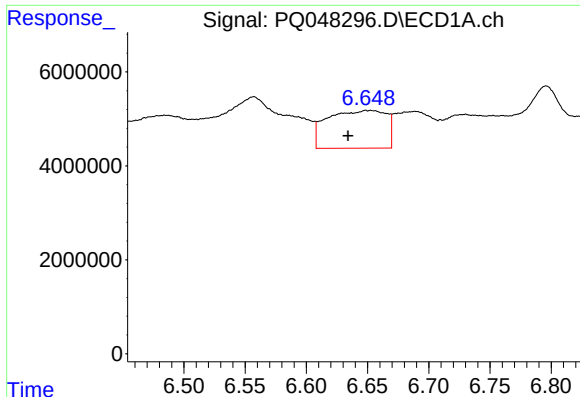
#2 Decachlorobiphenyl

R.T.: 11.571 min
Delta R.T.: -0.015 min
Response: 18658227
Conc: 2.01 ng/ml



#2 Decachlorobiphenyl

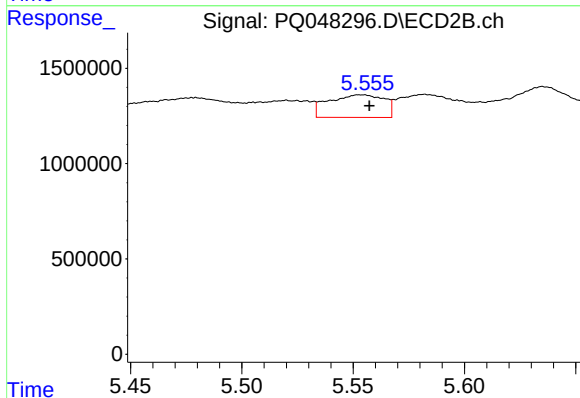
R.T.: 9.658 min
Delta R.T.: -0.007 min
Response: 9169056
Conc: 2.05 ng/ml



#3 AR-1016-1

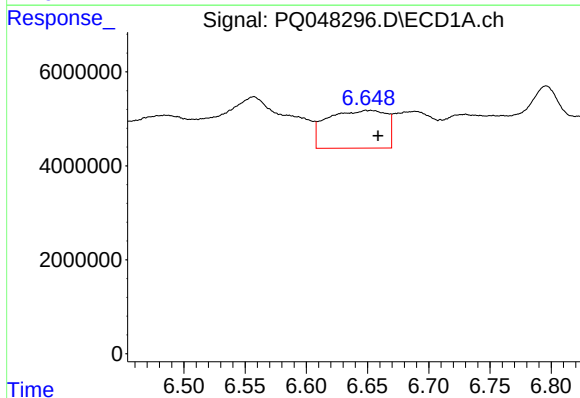
R.T.: 6.651 min
Delta R.T.: 0.017 min
Response: 26853705
Conc: 89.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



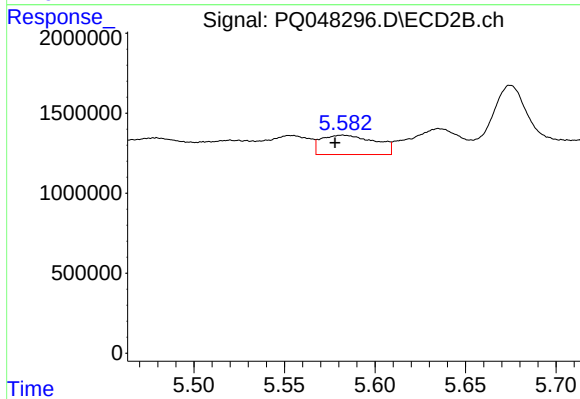
#3 AR-1016-1

R.T.: 5.554 min
Delta R.T.: -0.004 min
Response: 2058214
Conc: 13.23 ng/ml



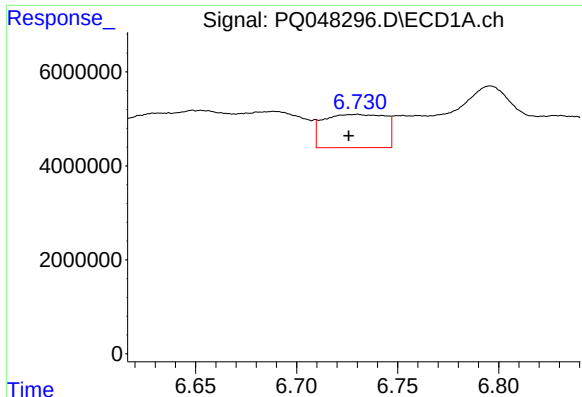
#4 AR-1016-2

R.T.: 6.651 min
Delta R.T.: -0.007 min
Response: 26853705
Conc: 65.75 ng/ml



#4 AR-1016-2

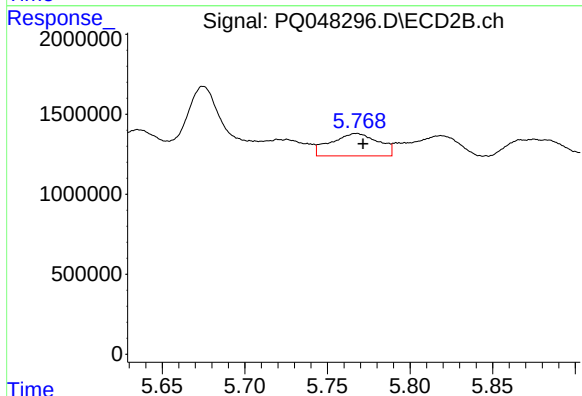
R.T.: 5.582 min
Delta R.T.: 0.004 min
Response: 2514139
Conc: 11.88 ng/ml



#5 AR-1016-3

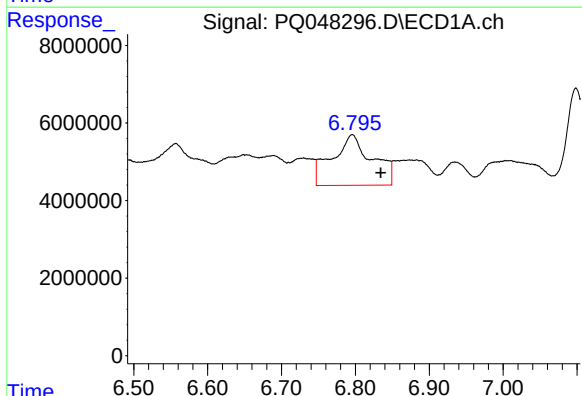
R.T.: 6.729 min
Delta R.T.: 0.003 min
Response: 15051612
Conc: 59.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



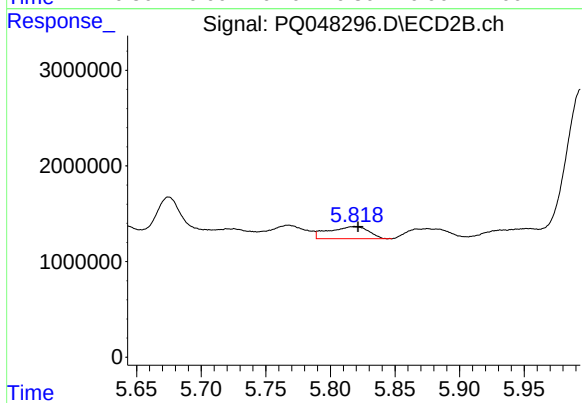
#5 AR-1016-3

R.T.: 5.768 min
Delta R.T.: -0.004 min
Response: 2804769
Conc: 25.82 ng/ml



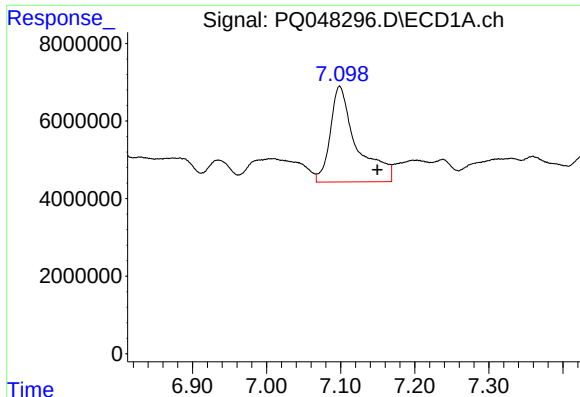
#6 AR-1016-4

R.T.: 6.796 min
Delta R.T.: -0.039 min
Response: 48943166
Conc: 237.28 ng/ml



#6 AR-1016-4

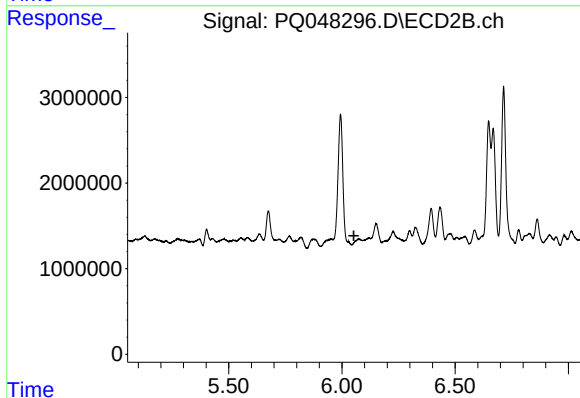
R.T.: 5.819 min
Delta R.T.: -0.003 min
Response: 2709711
Conc: 30.31 ng/ml



#7 AR-1016-5

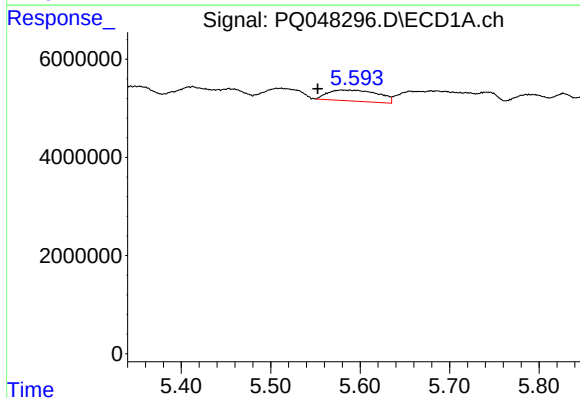
R.T.: 7.099 min
Delta R.T.: -0.051 min
Response: 60737310
Conc: 307.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



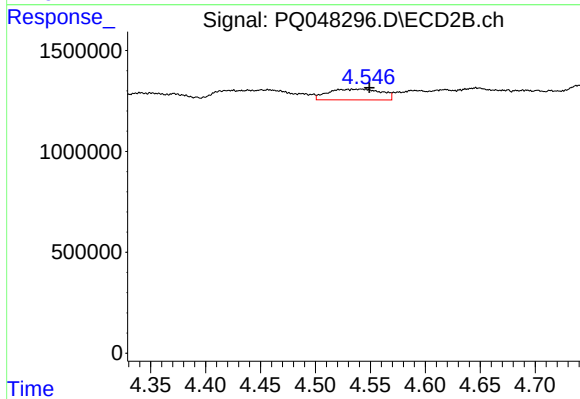
#7 AR-1016-5

R.T.: 6.075 min
Delta R.T.: 0.022 min
Response: -963569
Conc: N.D.



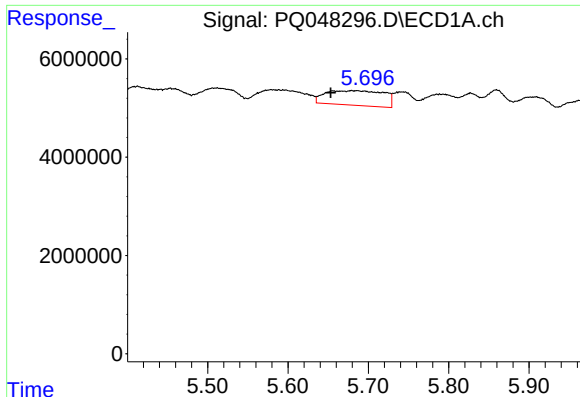
#8 AR-1221-1

R.T.: 5.580 min
Delta R.T.: 0.027 min
Response: 8728333
Conc: 97.71 ng/ml



#8 AR-1221-1

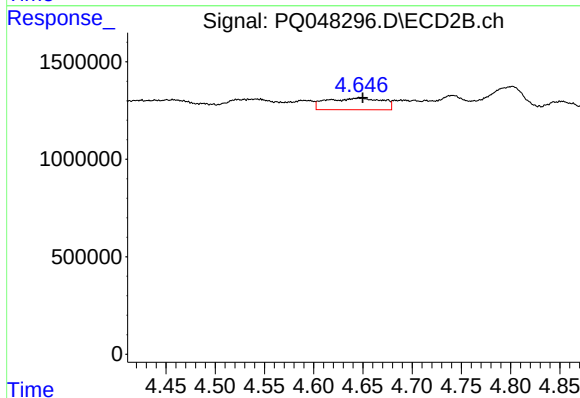
R.T.: 4.541 min
Delta R.T.: -0.008 min
Response: 1785791
Conc: 41.44 ng/ml



#9 AR-1221-2

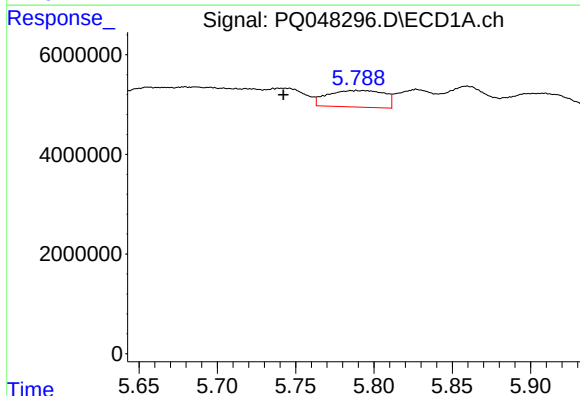
R.T.: 5.683 min
Delta R.T.: 0.030 min
Response: 15076716
Conc: 221.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



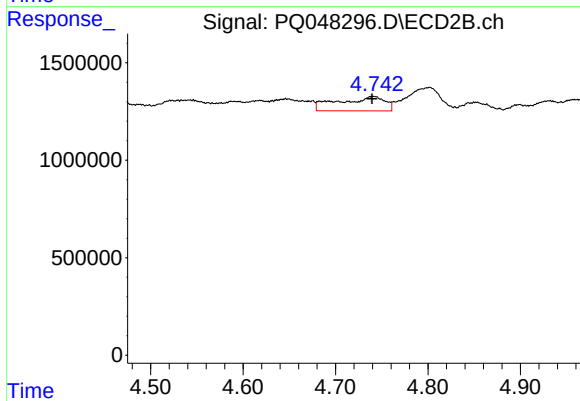
#9 AR-1221-2

R.T.: 4.646 min
Delta R.T.: -0.003 min
Response: 2338248
Conc: 71.71 ng/ml



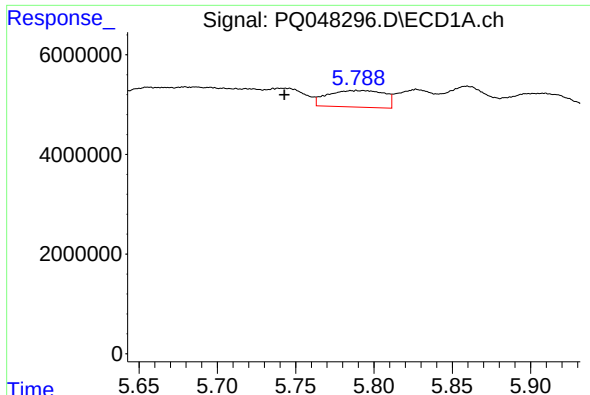
#10 AR-1221-3

R.T.: 5.789 min
Delta R.T.: 0.047 min
Response: 8367480
Conc: 39.81 ng/ml



#10 AR-1221-3

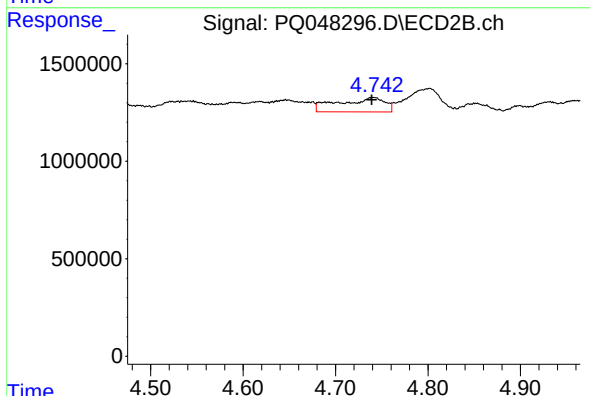
R.T.: 4.741 min
Delta R.T.: 0.001 min
Response: 2565212
Conc: 25.18 ng/ml



#11 AR-1232-1

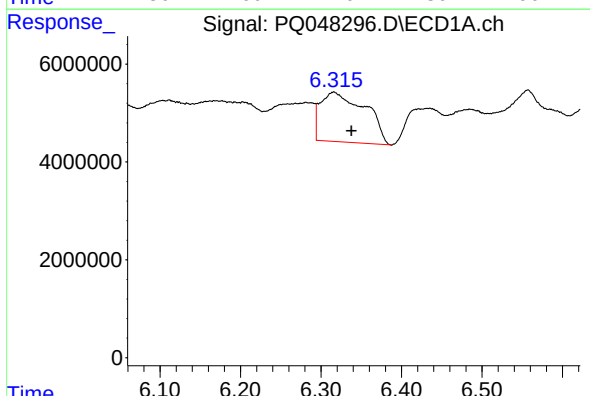
R.T.: 5.789 min
Delta R.T.: 0.047 min
Response: 8367480
Conc: 49.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



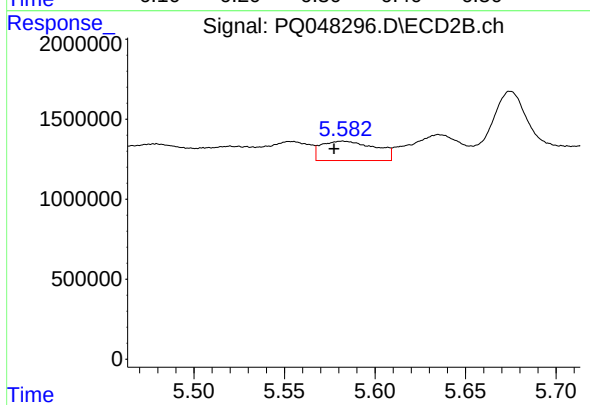
#11 AR-1232-1

R.T.: 4.741 min
Delta R.T.: 0.001 min
Response: 2565212
Conc: 31.43 ng/ml



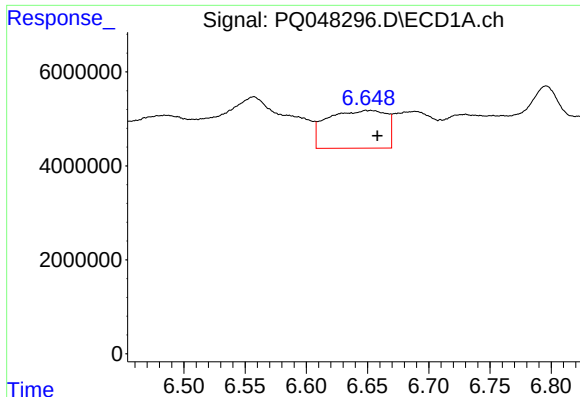
#12 AR-1232-2

R.T.: 6.316 min
Delta R.T.: -0.022 min
Response: 39244935
Conc: 458.11 ng/ml



#12 AR-1232-2

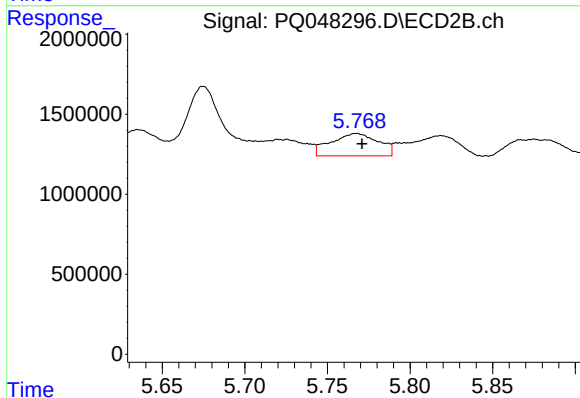
R.T.: 5.582 min
Delta R.T.: 0.005 min
Response: 2514139
Conc: 29.44 ng/ml



#13 AR-1232-3

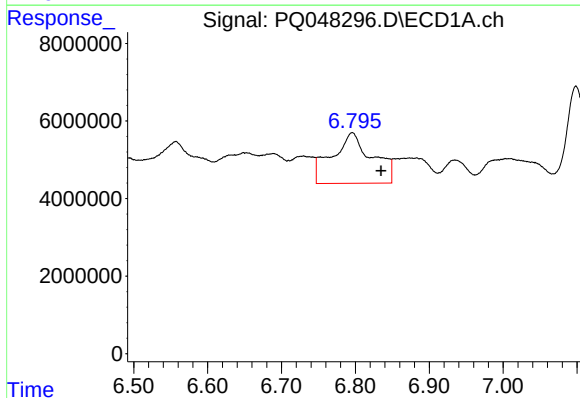
R.T.: 6.651 min
Delta R.T.: -0.007 min
Response: 26853705
Conc: 160.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



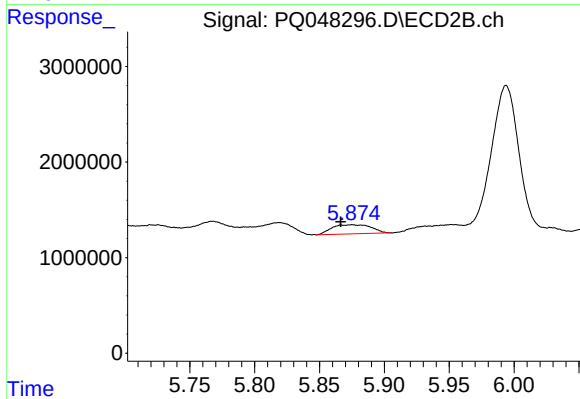
#13 AR-1232-3

R.T.: 5.768 min
Delta R.T.: -0.003 min
Response: 2804769
Conc: 65.04 ng/ml



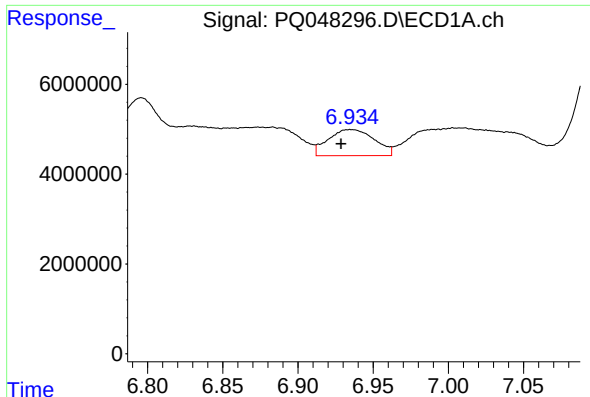
#14 AR-1232-4

R.T.: 6.796 min
Delta R.T.: -0.039 min
Response: 48943166
Conc: 576.85 ng/ml



#14 AR-1232-4

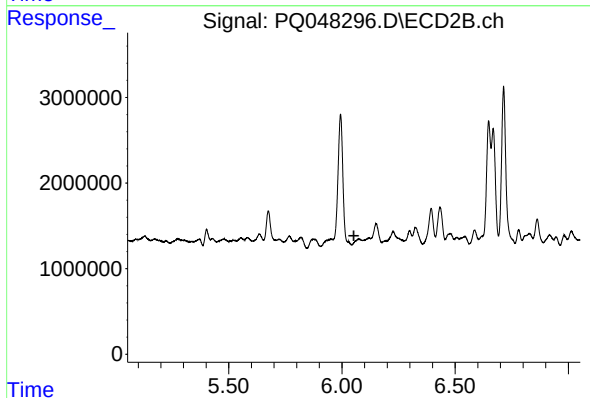
R.T.: 5.875 min
Delta R.T.: 0.009 min
Response: 2010175
Conc: 51.28 ng/ml



#15 AR-1232-5

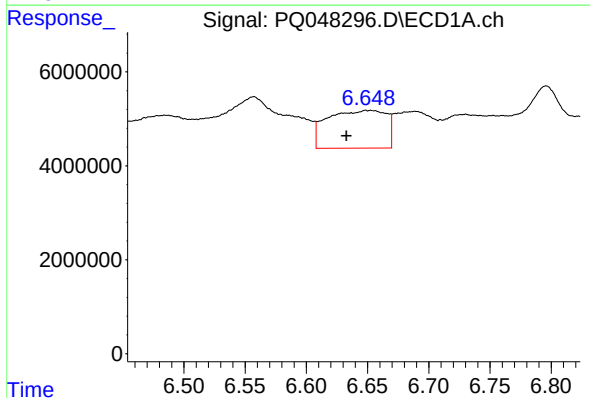
R.T.: 6.935 min
Delta R.T.: 0.006 min
Response: 12413697
Conc: 195.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



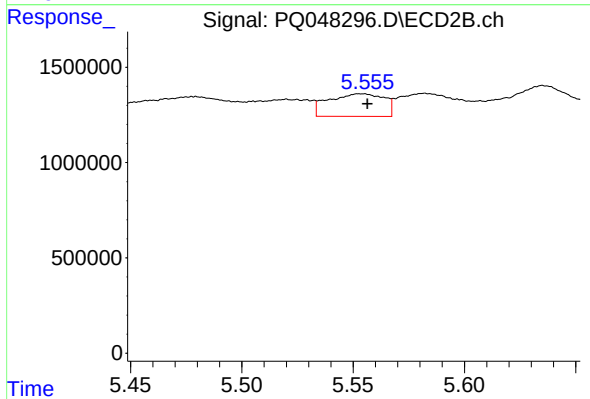
#15 AR-1232-5

R.T.: 6.075 min
Delta R.T.: 0.022 min
Response: -963569
Conc: N.D.



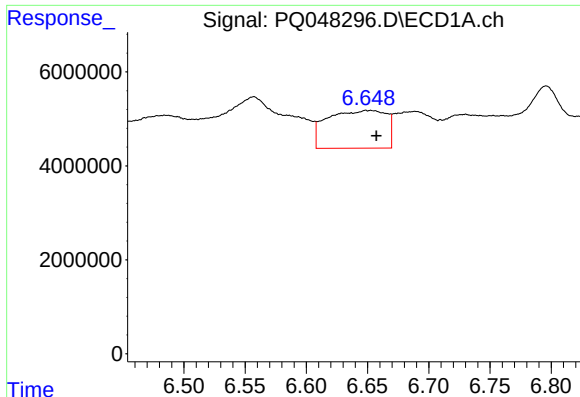
#16 AR-1242-1

R.T.: 6.651 min
Delta R.T.: 0.018 min
Response: 26853705
Conc: 118.62 ng/ml



#16 AR-1242-1

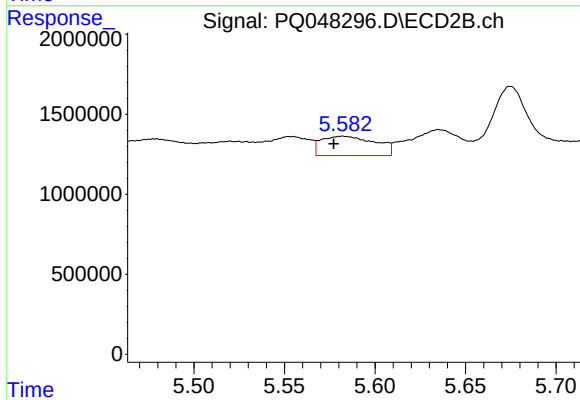
R.T.: 5.554 min
Delta R.T.: -0.003 min
Response: 2058214
Conc: 17.87 ng/ml



#17 AR-1242-2

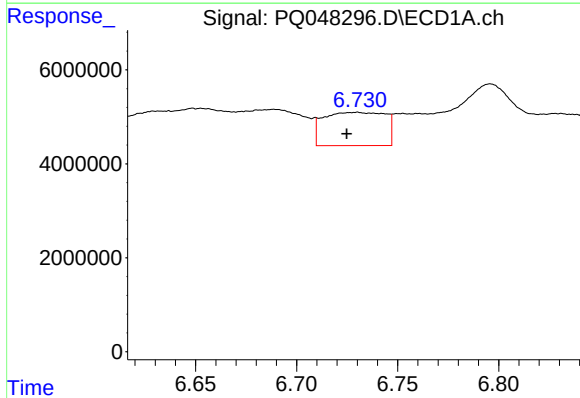
R.T.: 6.651 min
Delta R.T.: -0.006 min
Response: 26853705
Conc: 86.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



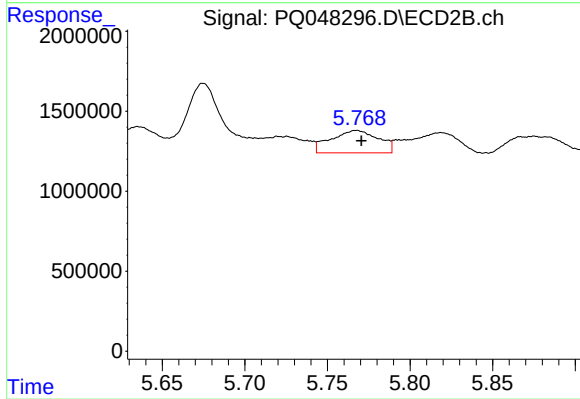
#17 AR-1242-2

R.T.: 5.582 min
Delta R.T.: 0.005 min
Response: 2514139
Conc: 15.95 ng/ml



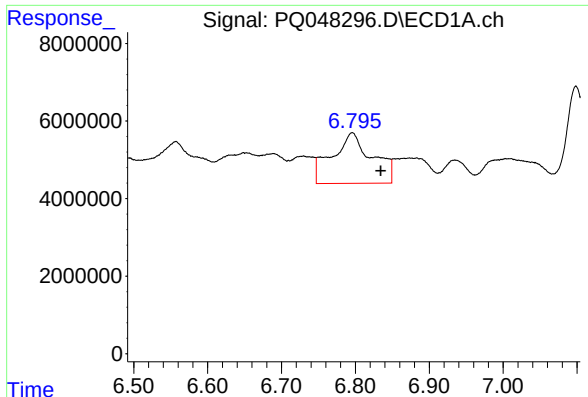
#18 AR-1242-3

R.T.: 6.729 min
Delta R.T.: 0.004 min
Response: 15051612
Conc: 78.58 ng/ml



#18 AR-1242-3

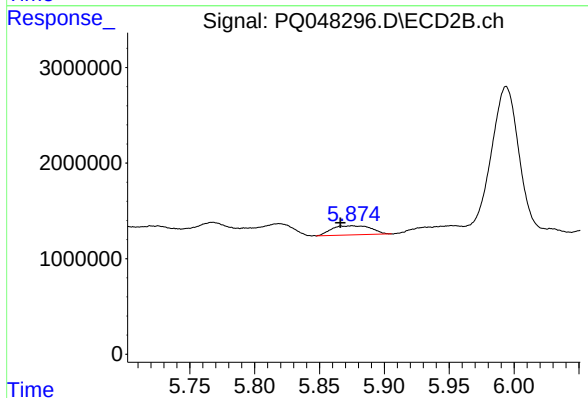
R.T.: 5.768 min
Delta R.T.: -0.003 min
Response: 2804769
Conc: 34.18 ng/ml



#19 AR-1242-4

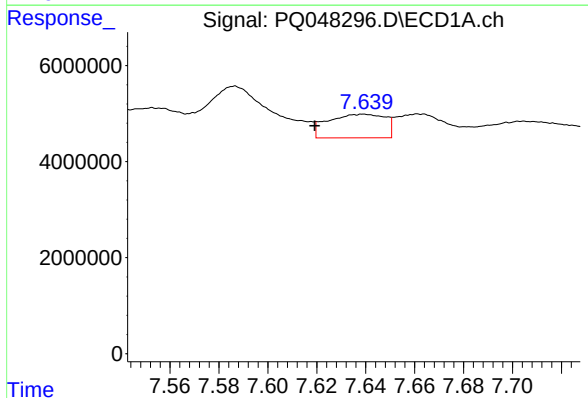
R.T.: 6.796 min
Delta R.T.: -0.038 min
Response: 48943166
Conc: 308.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



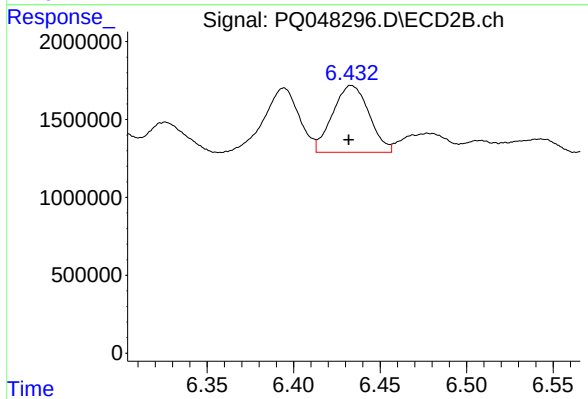
#19 AR-1242-4

R.T.: 5.875 min
Delta R.T.: 0.009 min
Response: 2010175
Conc: 24.87 ng/ml



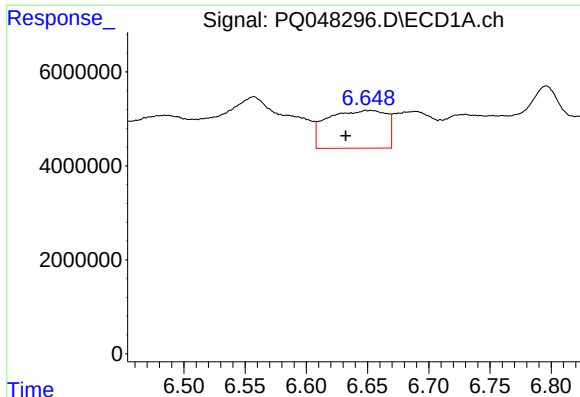
#20 AR-1242-5

R.T.: 7.639 min
Delta R.T.: 0.020 min
Response: 7978196
Conc: 46.95 ng/ml



#20 AR-1242-5

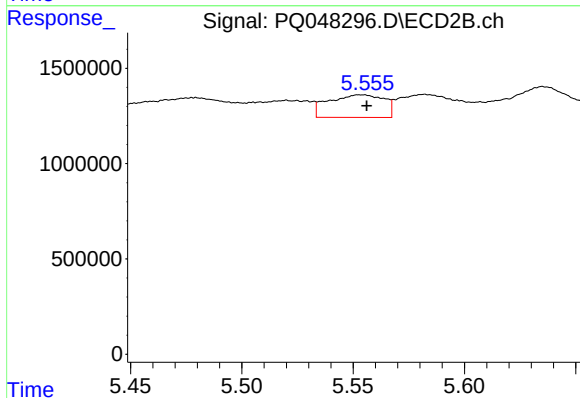
R.T.: 6.434 min
Delta R.T.: 0.002 min
Response: 6308014
Conc: 58.95 ng/ml



#21 AR-1248-1

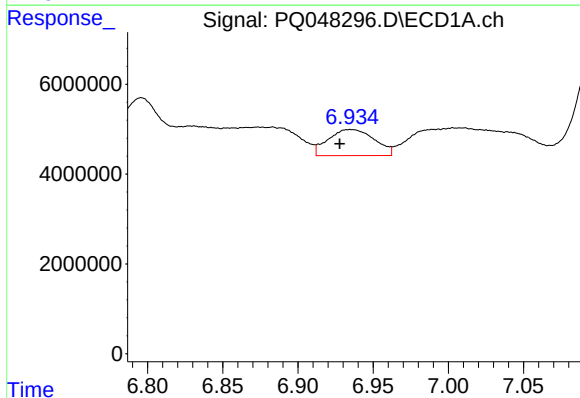
R.T.: 6.651 min
Delta R.T.: 0.019 min
Response: 26853705
Conc: 154.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



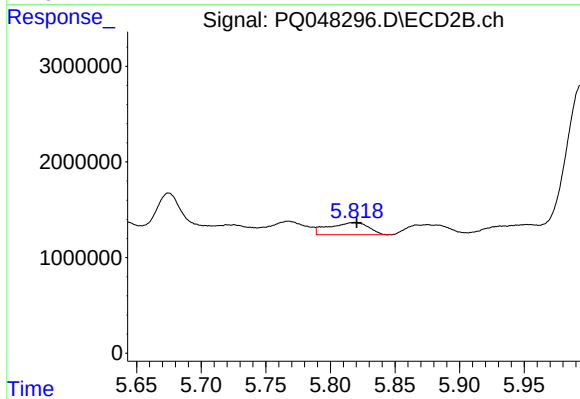
#21 AR-1248-1

R.T.: 5.554 min
Delta R.T.: -0.002 min
Response: 2058214
Conc: 23.30 ng/ml



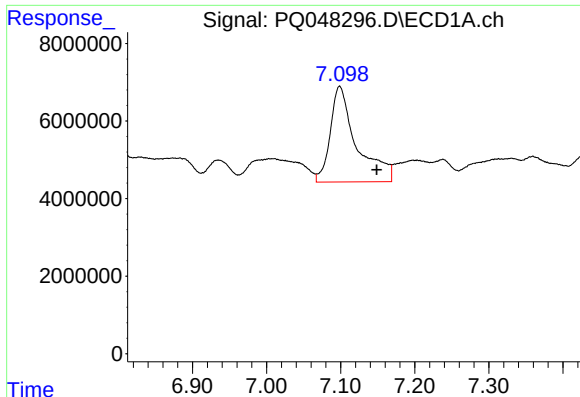
#22 AR-1248-2

R.T.: 6.935 min
Delta R.T.: 0.007 min
Response: 12413697
Conc: 55.81 ng/ml



#22 AR-1248-2

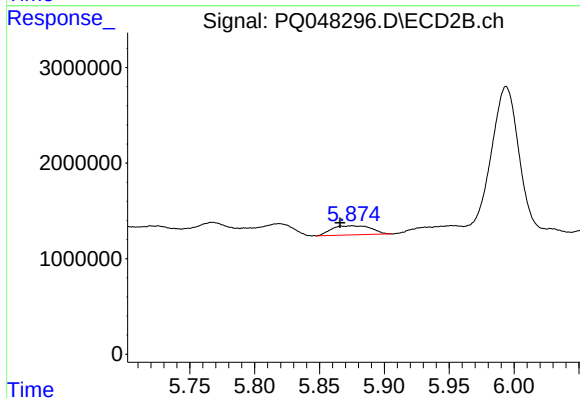
R.T.: 5.819 min
Delta R.T.: -0.002 min
Response: 2709711
Conc: 24.15 ng/ml



#23 AR-1248-3

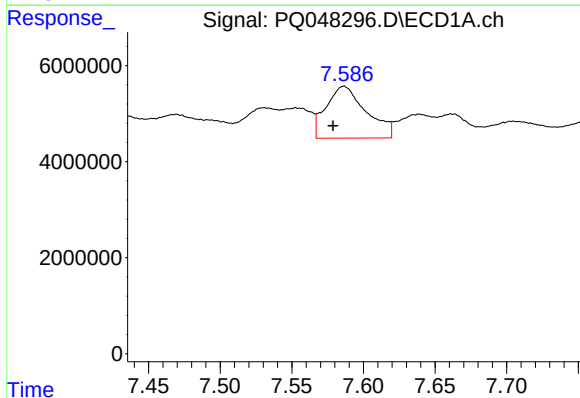
R.T.: 7.099 min
Delta R.T.: -0.050 min
Response: 60737310
Conc: 248.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



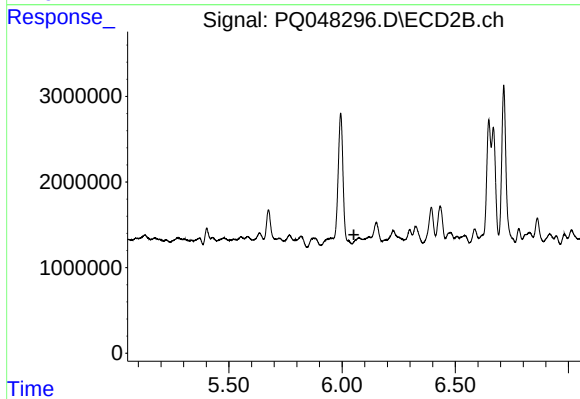
#23 AR-1248-3

R.T.: 5.875 min
Delta R.T.: 0.009 min
Response: 2010175
Conc: 17.67 ng/ml



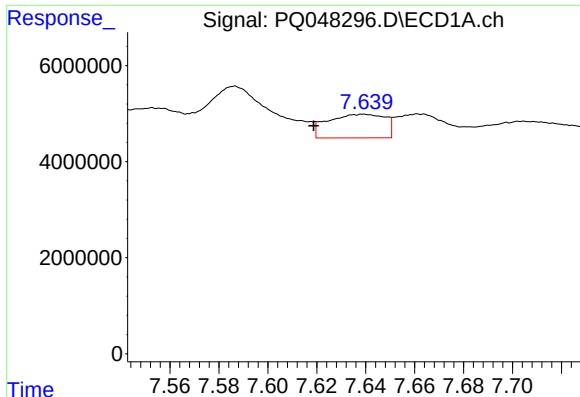
#24 AR-1248-4

R.T.: 7.586 min
Delta R.T.: 0.008 min
Response: 21099540
Conc: 76.29 ng/ml



#24 AR-1248-4

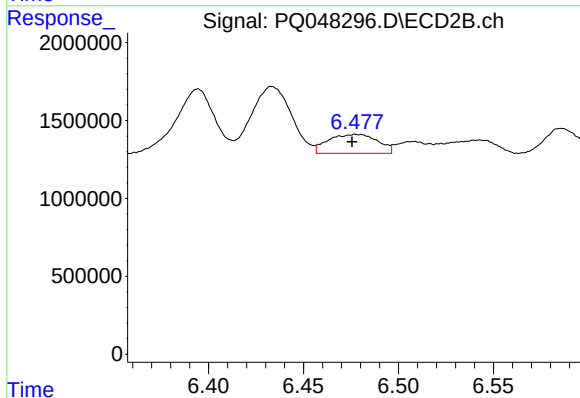
R.T.: 6.075 min
Delta R.T.: 0.022 min
Response: -963569
Conc: N.D.



#25 AR-1248-5

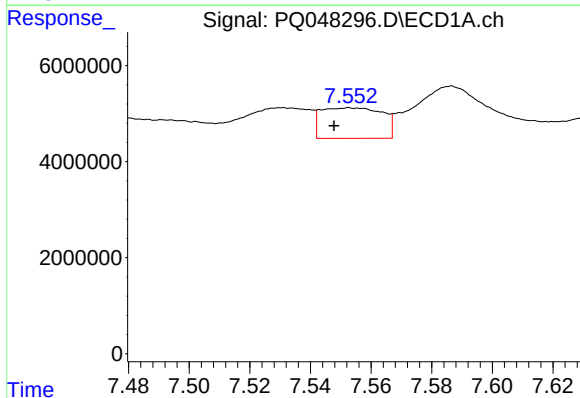
R.T.: 7.639 min
Delta R.T.: 0.020 min
Response: 7978196
Conc: 30.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



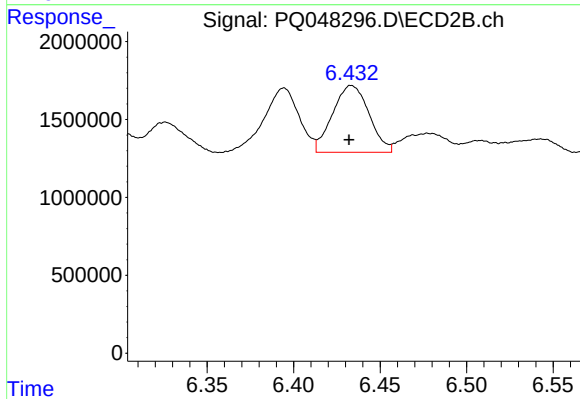
#25 AR-1248-5

R.T.: 6.478 min
Delta R.T.: 0.002 min
Response: 2207067
Conc: 16.04 ng/ml



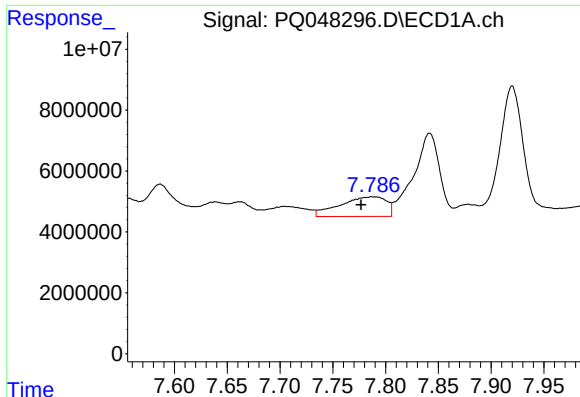
#26 AR-1254-1

R.T.: 7.553 min
Delta R.T.: 0.005 min
Response: 8943313
Conc: 29.86 ng/ml



#26 AR-1254-1

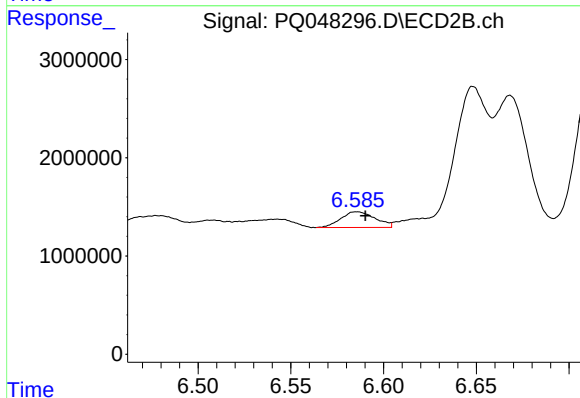
R.T.: 6.434 min
Delta R.T.: 0.001 min
Response: 6308014
Conc: 26.70 ng/ml



#27 AR-1254-2

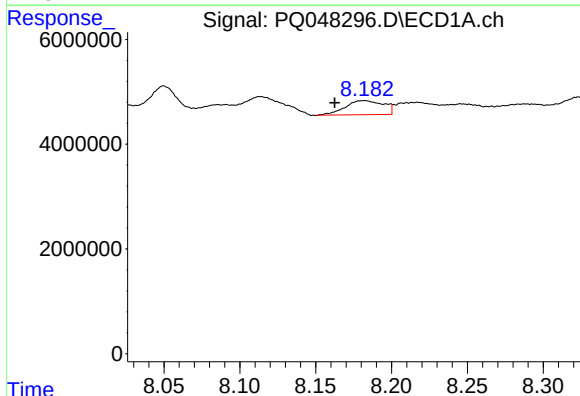
R.T.: 7.788 min
Delta R.T.: 0.011 min
Response: 19778106
Conc: 42.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



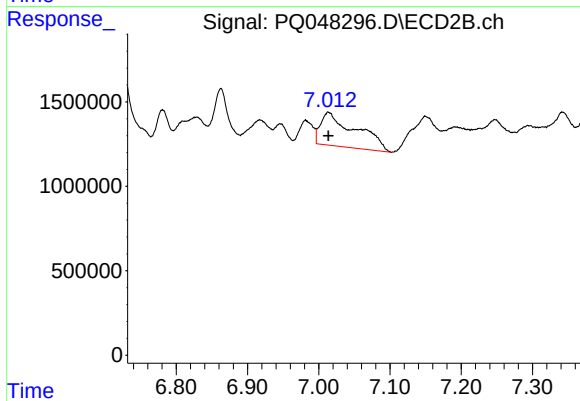
#27 AR-1254-2

R.T.: 6.586 min
Delta R.T.: -0.004 min
Response: 2057542
Conc: 10.03 ng/ml



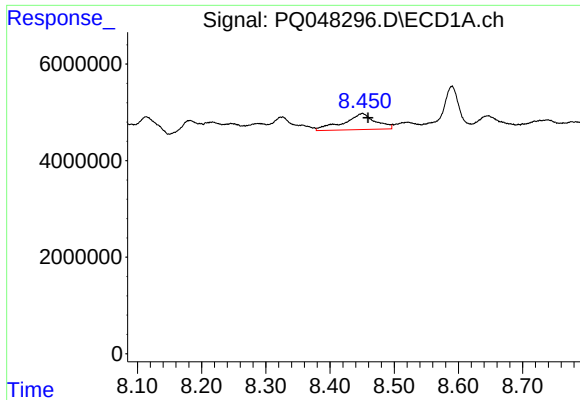
#28 AR-1254-3

R.T.: 8.182 min
Delta R.T.: 0.019 min
Response: 4720941
Conc: 9.69 ng/ml



#28 AR-1254-3

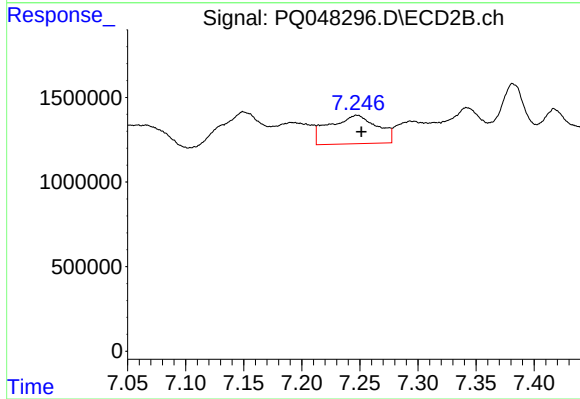
R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 6828111
Conc: 20.35 ng/ml



#29 AR-1254-4

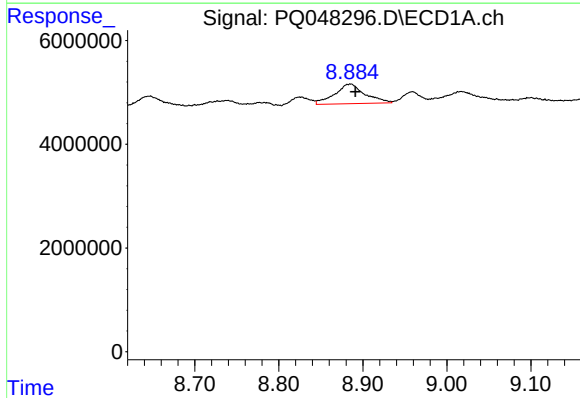
R.T.: 8.450 min
Delta R.T.: -0.009 min
Response: 11381203
Conc: 30.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



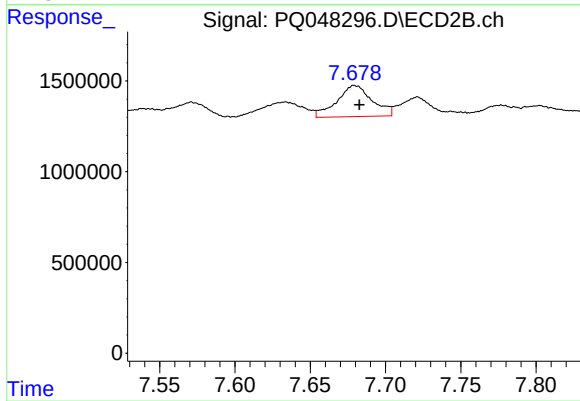
#29 AR-1254-4

R.T.: 7.247 min
Delta R.T.: -0.004 min
Response: 4816271
Conc: 21.93 ng/ml



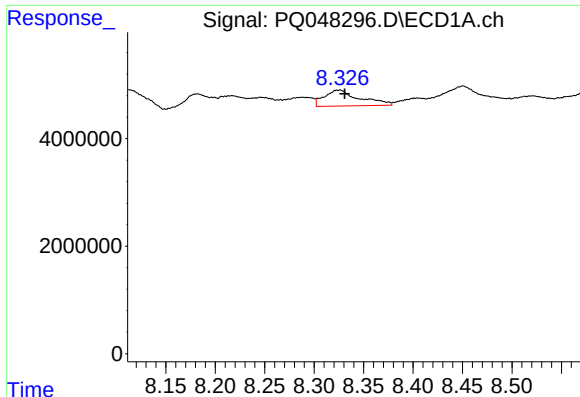
#30 AR-1254-5

R.T.: 8.885 min
Delta R.T.: -0.007 min
Response: 9519593
Conc: 23.82 ng/ml



#30 AR-1254-5

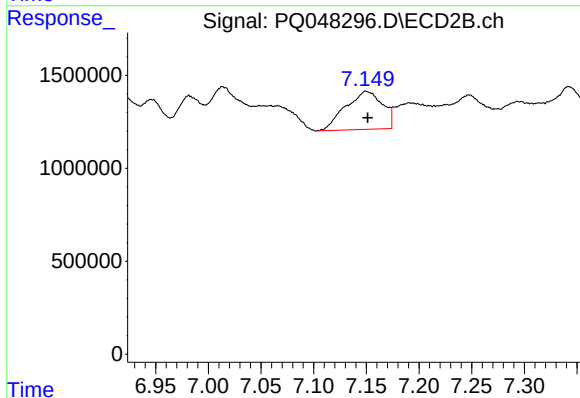
R.T.: 7.680 min
Delta R.T.: -0.003 min
Response: 2810850
Conc: 9.62 ng/ml



#31 AR-1260-1

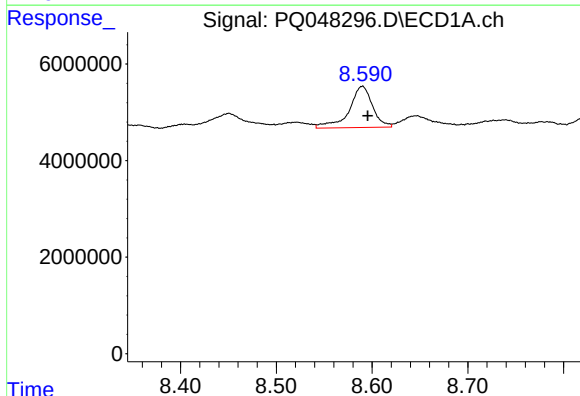
R.T.: 8.325 min
Delta R.T.: -0.006 min
Response: 7357144
Conc: 21.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



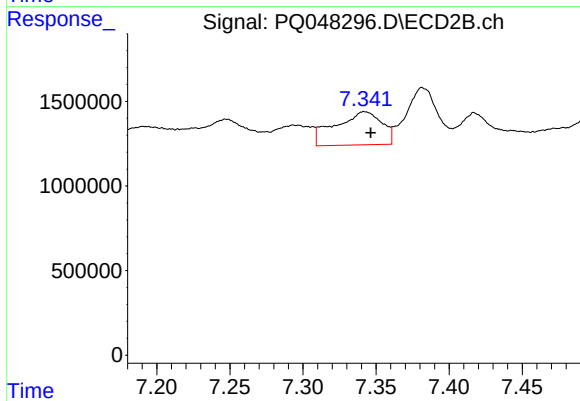
#31 AR-1260-1

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 5013330
Conc: 24.96 ng/ml



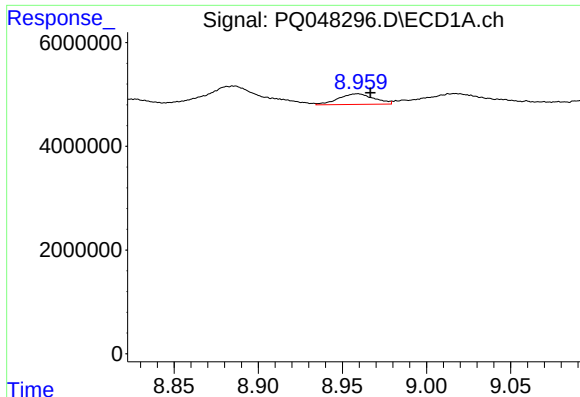
#32 AR-1260-2

R.T.: 8.590 min
Delta R.T.: -0.006 min
Response: 14540435
Conc: 36.25 ng/ml



#32 AR-1260-2

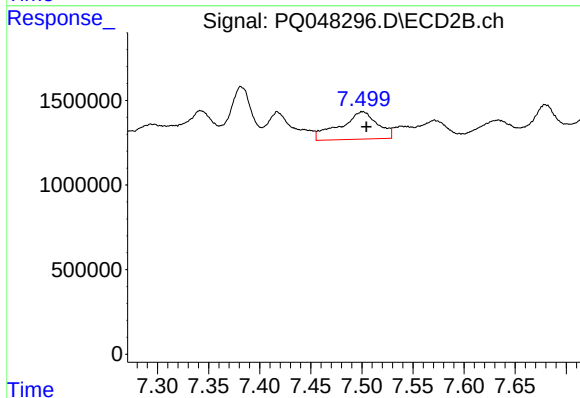
R.T.: 7.342 min
Delta R.T.: -0.004 min
Response: 4351698
Conc: 17.57 ng/ml



#33 AR-1260-3

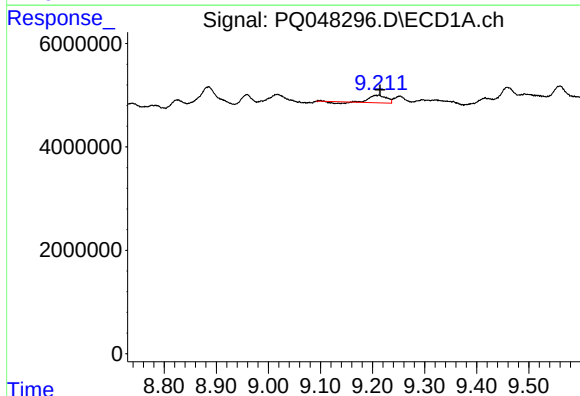
R.T.: 8.959 min
Delta R.T.: -0.008 min
Response: 3012238
Conc: 9.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



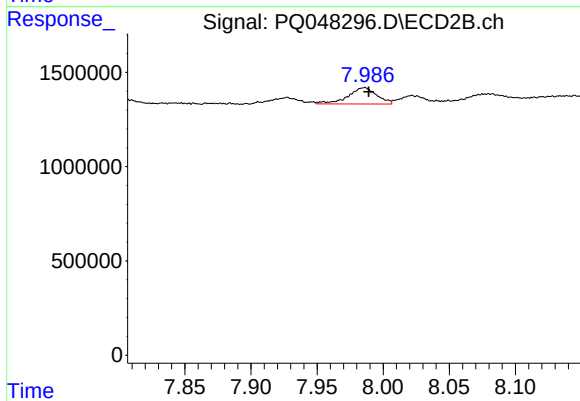
#33 AR-1260-3

R.T.: 7.501 min
Delta R.T.: -0.004 min
Response: 4151417
Conc: 18.41 ng/ml



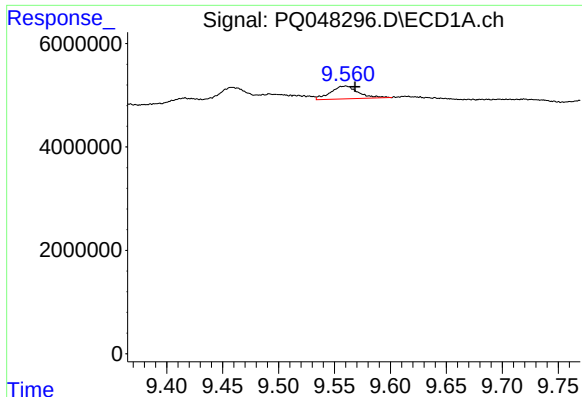
#34 AR-1260-4

R.T.: 9.210 min
Delta R.T.: -0.004 min
Response: 2798000
Conc: 7.58 ng/ml



#34 AR-1260-4

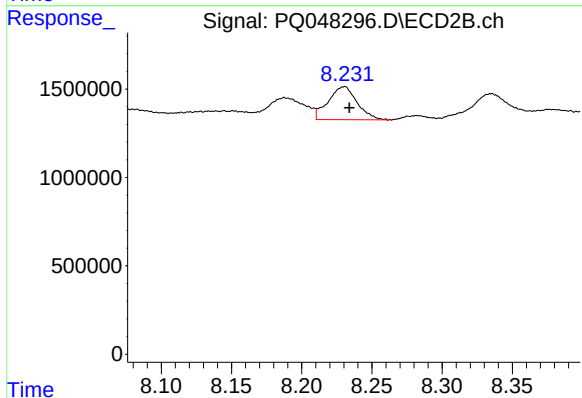
R.T.: 7.985 min
Delta R.T.: -0.004 min
Response: 1311872
Conc: 6.83 ng/ml



#35 AR-1260-5

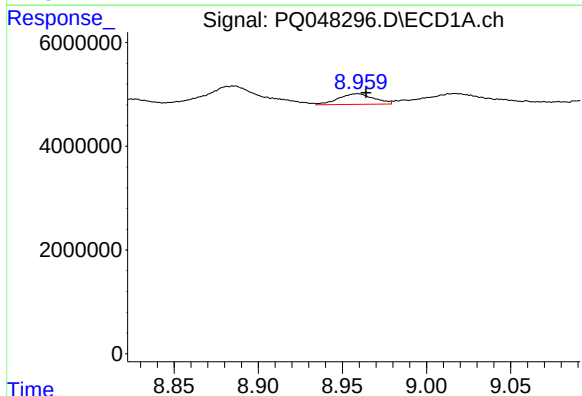
R.T.: 9.559 min
Delta R.T.: -0.009 min
Response: 4229033
Conc: 4.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



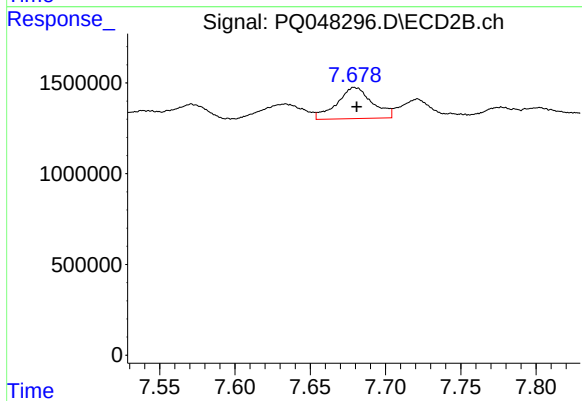
#35 AR-1260-5

R.T.: 8.230 min
Delta R.T.: -0.004 min
Response: 2687234
Conc: 5.62 ng/ml



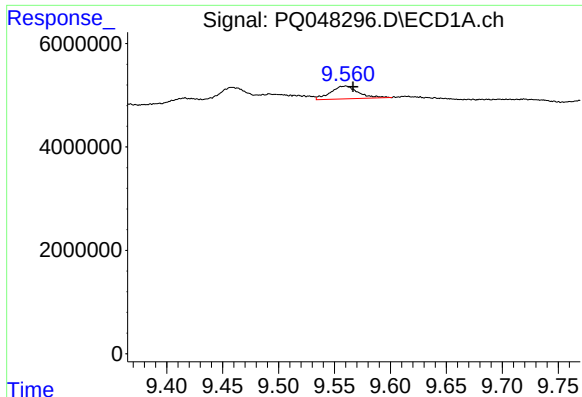
#36 AR-1262-1

R.T.: 8.959 min
Delta R.T.: -0.006 min
Response: 3012238
Conc: 6.94 ng/ml



#36 AR-1262-1

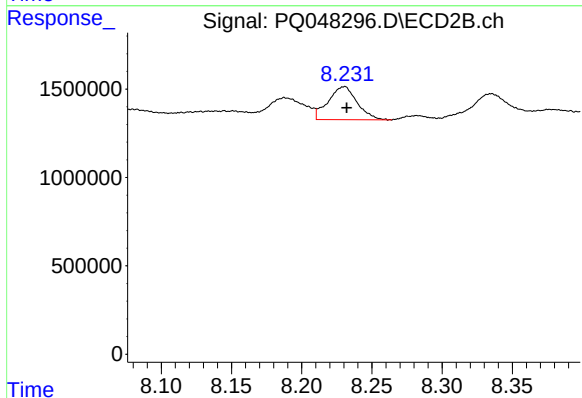
R.T.: 7.680 min
Delta R.T.: -0.001 min
Response: 2810850
Conc: 19.86 ng/ml



#37 AR-1262-2

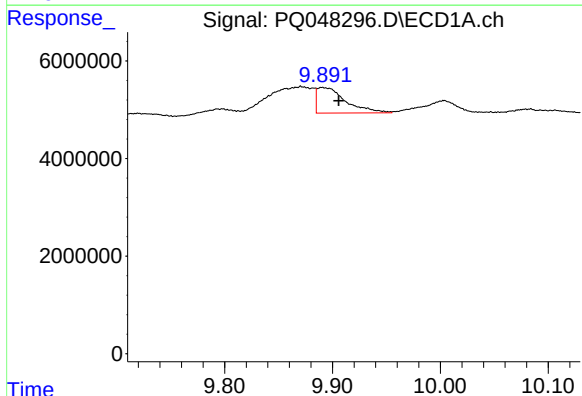
R.T.: 9.559 min
Delta R.T.: -0.007 min
Response: 4229033
Conc: 5.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



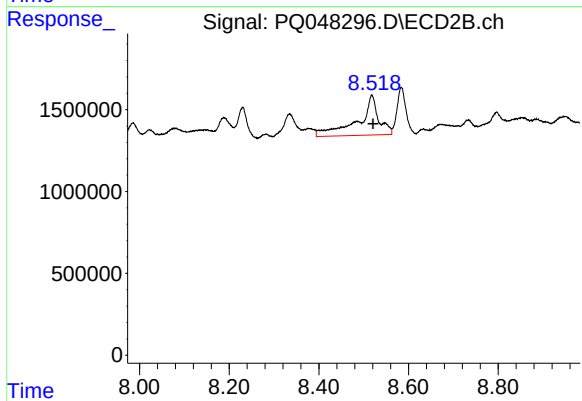
#37 AR-1262-2

R.T.: 8.230 min
Delta R.T.: -0.002 min
Response: 2687234
Conc: 5.10 ng/ml



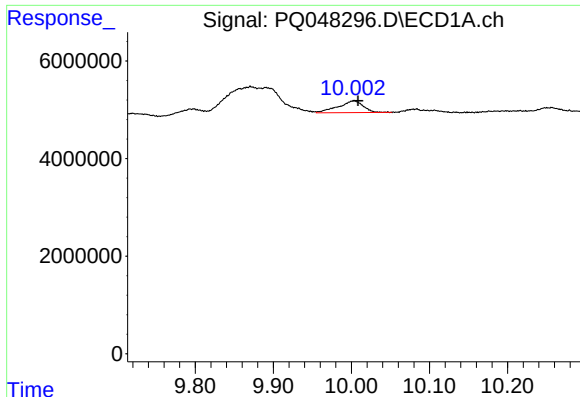
#38 AR-1262-3

R.T.: 9.891 min
Delta R.T.: -0.015 min
Response: 9660340
Conc: 24.94 ng/ml



#38 AR-1262-3

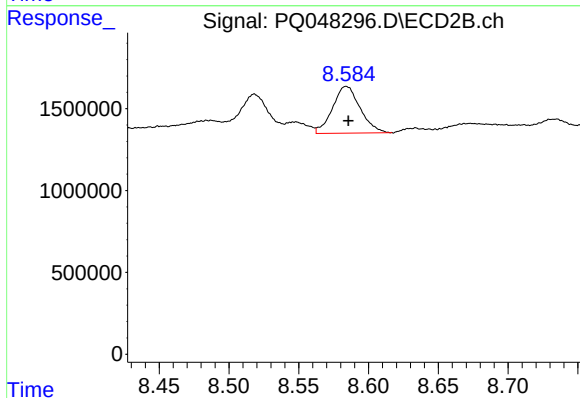
R.T.: 8.518 min
Delta R.T.: -0.003 min
Response: 7755027
Conc: 36.06 ng/ml



#39 AR-1262-4

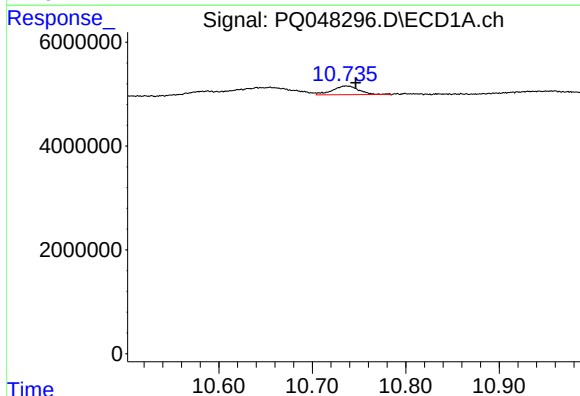
R.T.: 10.003 min
Delta R.T.: -0.005 min
Response: 5346272
Conc: 11.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



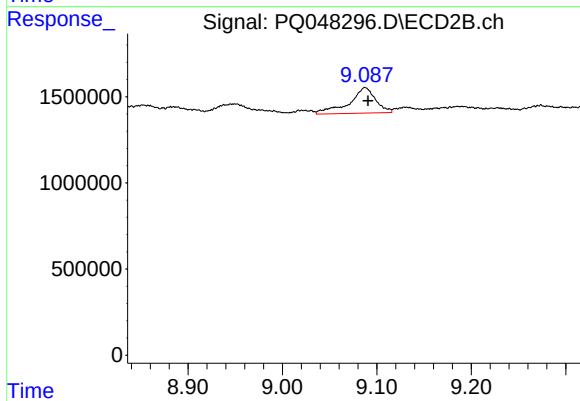
#39 AR-1262-4

R.T.: 8.584 min
Delta R.T.: -0.001 min
Response: 3933691
Conc: 10.22 ng/ml



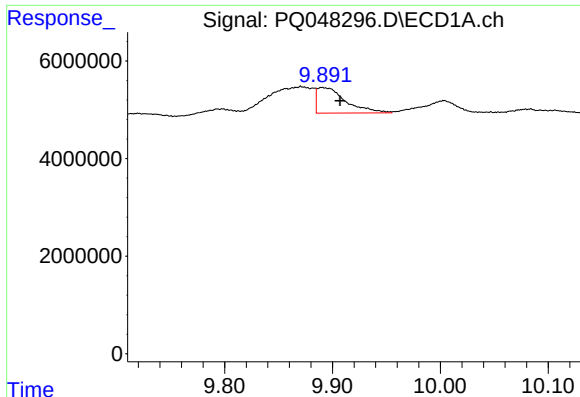
#40 AR-1262-5

R.T.: 10.737 min
Delta R.T.: -0.010 min
Response: 3343686
Conc: 9.91 ng/ml



#40 AR-1262-5

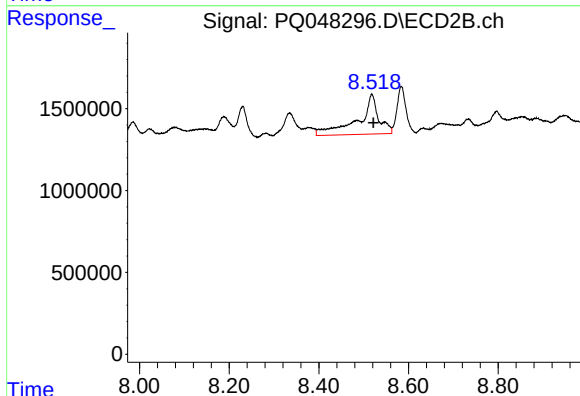
R.T.: 9.088 min
Delta R.T.: -0.003 min
Response: 2883653
Conc: 15.70 ng/ml



#41 AR-1268-1

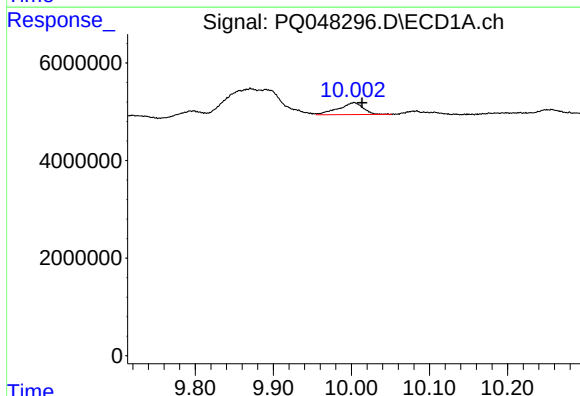
R.T.: 9.891 min
Delta R.T.: -0.016 min
Response: 9660340
Conc: 8.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



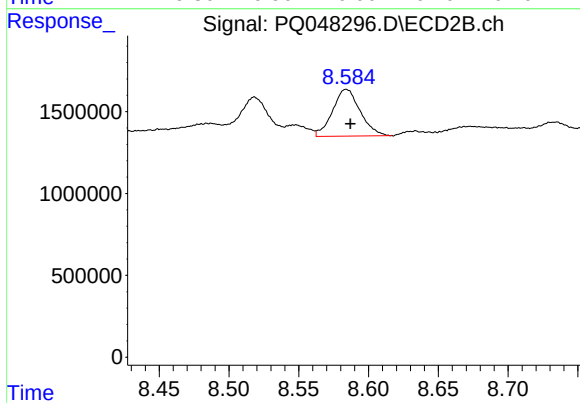
#41 AR-1268-1

R.T.: 8.518 min
Delta R.T.: -0.004 min
Response: 7755027
Conc: 11.30 ng/ml



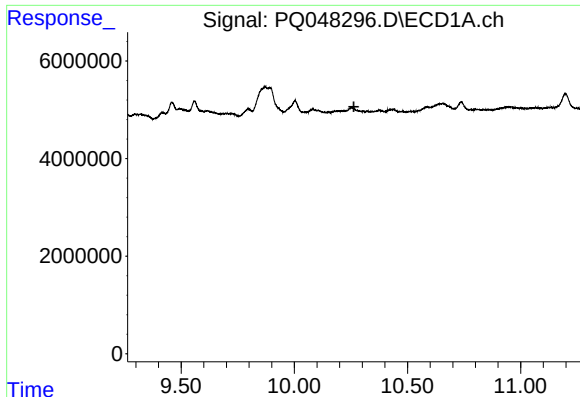
#42 AR-1268-2

R.T.: 10.003 min
Delta R.T.: -0.011 min
Response: 5346272
Conc: 4.90 ng/ml



#42 AR-1268-2

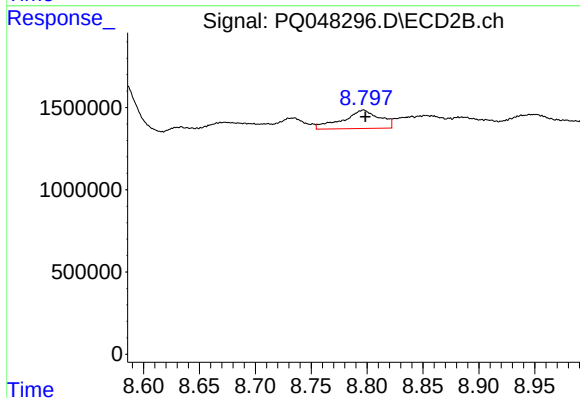
R.T.: 8.584 min
Delta R.T.: -0.003 min
Response: 3933691
Conc: 6.19 ng/ml



#43 AR-1268-3

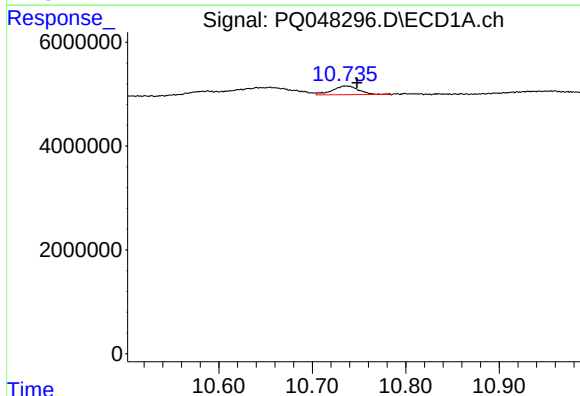
R.T.: 0.000 min
Exp R.T.: 10.263 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



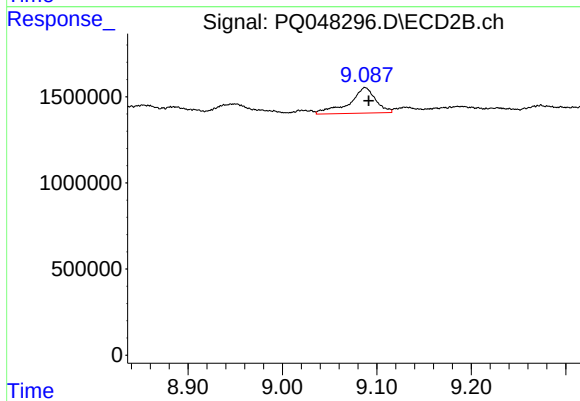
#43 AR-1268-3

R.T.: 8.797 min
Delta R.T.: -0.002 min
Response: 2564842
Conc: 4.84 ng/ml



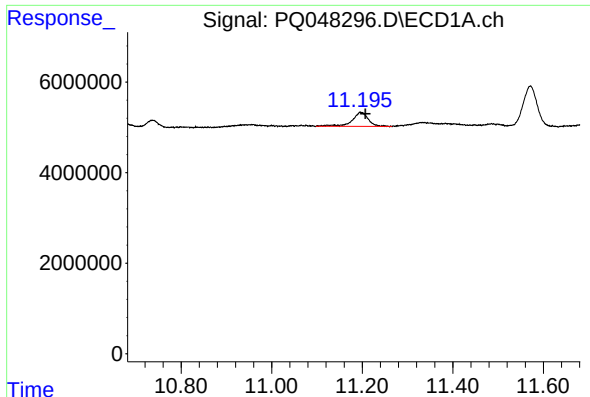
#44 AR-1268-4

R.T.: 10.737 min
Delta R.T.: -0.011 min
Response: 3343686
Conc: 7.92 ng/ml



#44 AR-1268-4

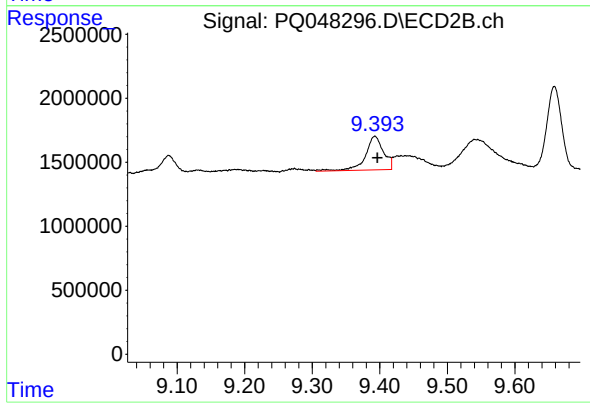
R.T.: 9.088 min
Delta R.T.: -0.004 min
Response: 2883653
Conc: 12.38 ng/ml



#45 AR-1268-5

R.T.: 11.197 min
Delta R.T.: -0.011 min
Response: 7671735
Conc: 2.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.393 min
Delta R.T.: -0.004 min
Response: 4897563
Conc: 2.80 ng/ml