

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040319\
 Data File : PQ038664.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2019 23:44
 Operator : AJ\SJ
 Sample : K1560-01
 Misc : AR1242 LOD 25 PPB
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 03:42:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 04 03:26:03 2019
 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...	4.705	3.985	171.1E6	88654438	23.136	21.634
2)	SA Decachlor...	10.640	9.102	126.1E6	62565663	24.213	20.072
Target Compounds							
3)	L1 AR-1016-1	5.885	5.085	5723951	2849728	25.015	20.414
4)	L1 AR-1016-2	5.907	5.105	9358126	3609152	27.826	18.015 #
5)	L1 AR-1016-3	5.970	5.287	6630139	1773596	33.039	19.223 #
6)	L1 AR-1016-4	6.070	5.322	4484446	1781659	27.250	22.244
7)	L1 AR-1016-5	6.366	5.542	4097393	2163427	25.901	21.110
8)	L2 AR-1221-1	4.910	4.193	1474024	723772	20.908	17.941
9)	L2 AR-1221-2	5.015	4.292	3250876	1619686	64.836	55.070
10)	L2 AR-1221-3	5.080	4.366	2818559	1983150	17.583	20.604
11)	L3 AR-1232-1	5.080	4.366	2818559	1983150	21.200	24.978
12)	L3 AR-1232-2	5.616	5.105	4924866	3609152	76.190	48.918 #
13)	L3 AR-1232-3	5.907	5.287	9358126	1773596	72.835	52.129 #
14)	L3 AR-1232-4	6.070	5.367	4484446	2262935	68.721	68.570
15)	L3 AR-1232-5	6.158	5.542	4233573	2163427	85.776	62.231 #
16)	L4 AR-1242-1	5.885	5.085	5723951	2849728	35.669	29.171
17)	L4 AR-1242-2	5.907	5.105	9358126	3609152	39.678	25.735 #
18)	L4 AR-1242-3	5.970	5.287	6630139	1773596	45.590	26.646 #
19)	L4 AR-1242-4	6.070	5.367	4484446	2262935	37.518	33.023
20)	L4 AR-1242-5	6.809	5.894	5568363	2768998	49.773	31.997 #
21)	L5 AR-1248-1	5.885	5.085	5723951	2849728	48.861	39.919
22)	L5 AR-1248-2	6.158	5.322	4233573	1781659	26.487	19.395 #
23)	L5 AR-1248-3	6.366	5.367	4097393	2262935	23.855	24.022
24)	L5 AR-1248-4	6.770	5.542	4627315	2163427	26.088	18.852 #
25)	L5 AR-1248-5	6.809	5.937	5568363	2380200	32.827	21.971 #
26)	L6 AR-1254-1	6.743	5.894	4543565	2768998	23.154	15.004 #
27)	L6 AR-1254-2	6.969	6.040	3900547	1717129	13.441	10.979
28)	L6 AR-1254-3	7.334	6.449	2736926	835049	9.148	3.217 #
29)	L6 AR-1254-4	7.619	6.676	998355	693831	5.015	4.082
30)	L6 AR-1254-5	8.043	0.000	3913609	0	14.816	N.D. #
31)	L7 AR-1260-1	7.494	0.000	362307	0	1.426	N.D. #
32)	L7 AR-1260-2	7.754	6.764	752175	811104	2.535	3.729 #
33)	L7 AR-1260-3	8.140	0.000	664867	0	2.904	N.D. #
34)	L7 AR-1260-4	8.348	7.350	1424559	92120	5.373	0.546 #
35)	L7 AR-1260-5	8.704	0.000	1682595	0	3.312	N.D. #
36)	L8 AR-1262-1	8.140	7.176	664867	242816	5.244	1.015 #
37)	L8 AR-1262-2	8.704	0.000	1682595	0	3.267	N.D. #
39)	L8 AR-1262-4	9.141	0.000	498862	0	1.727	N.D. #
40)	L8 AR-1262-5	9.819	0.000	504901	0	2.787	N.D. #
42)	L9 AR-1268-2	9.141	0.000	498862	0	0.813	N.D. #
43)	L9 AR-1268-3	9.369	0.000	1697263	0	3.365	N.D. #

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 Operator : AJ\SJ
 Sample : K1560-01
 Misc : AR1242 LOD 25 PPB
 ALS Vial : 39 Sample Multiplier: 1

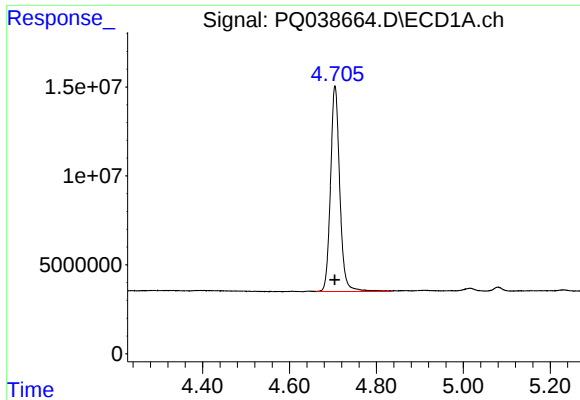
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 03:42:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040319.M
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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
44) L9	AR-1268-4	9.819	0.000	504901	0	2.308	N.D. #
45) L9	AR-1268-5	10.278	8.819	2322131	429457	1.352	0.372 #

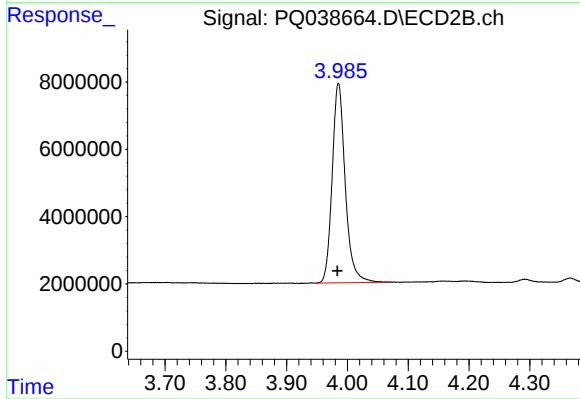
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

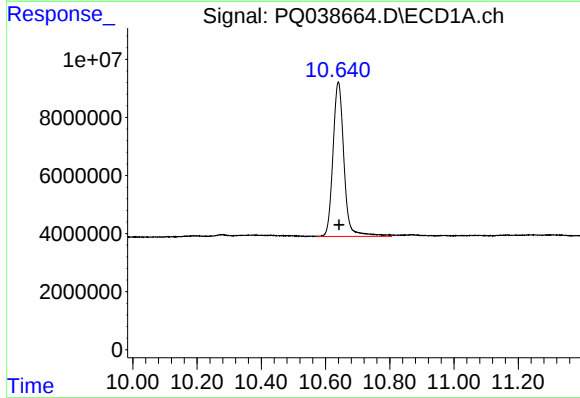
R.T.: 4.705 min
Delta R.T.: 0.000 min
Response: 171132658
Conc: 23.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



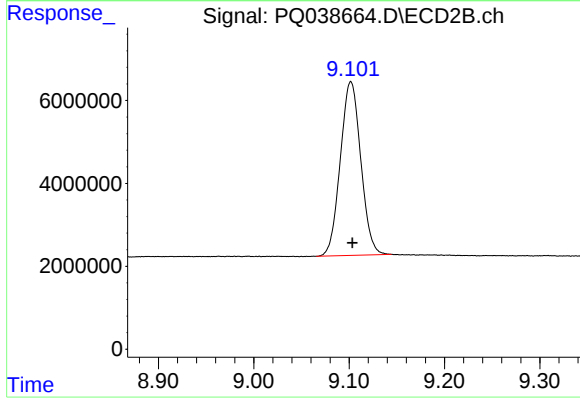
#1 Tetrachloro-m-xylene

R.T.: 3.985 min
Delta R.T.: 0.001 min
Response: 88654438
Conc: 21.63 ng/ml



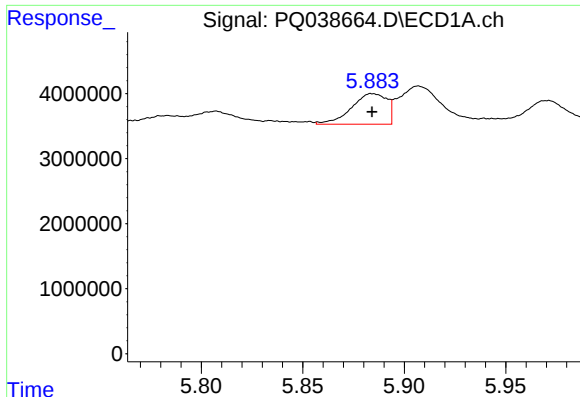
#2 Decachlorobiphenyl

R.T.: 10.640 min
Delta R.T.: -0.002 min
Response: 126051019
Conc: 24.21 ng/ml



#2 Decachlorobiphenyl

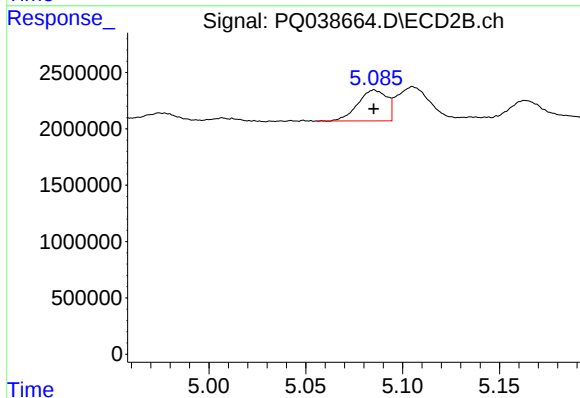
R.T.: 9.102 min
Delta R.T.: -0.001 min
Response: 62565663
Conc: 20.07 ng/ml



#3 AR-1016-1

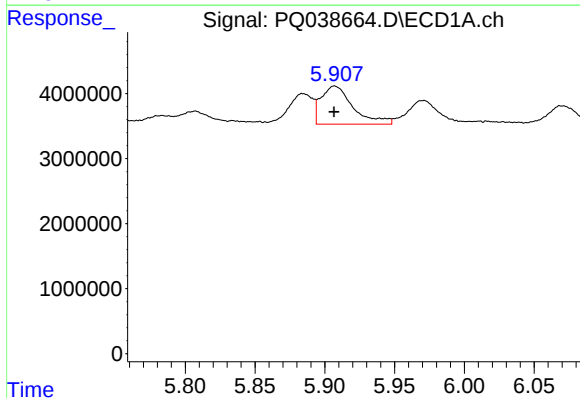
R.T.: 5.885 min
Delta R.T.: 0.000 min
Response: 5723951
Conc: 25.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



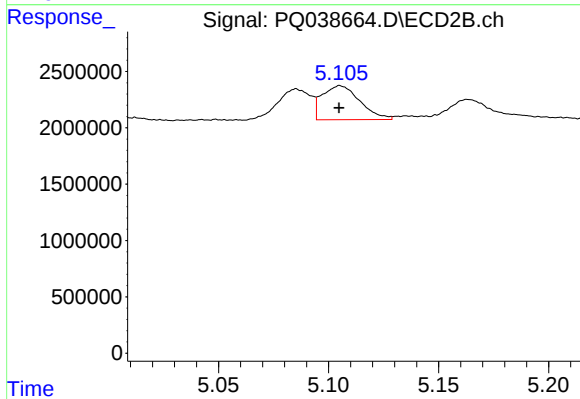
#3 AR-1016-1

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 2849728
Conc: 20.41 ng/ml



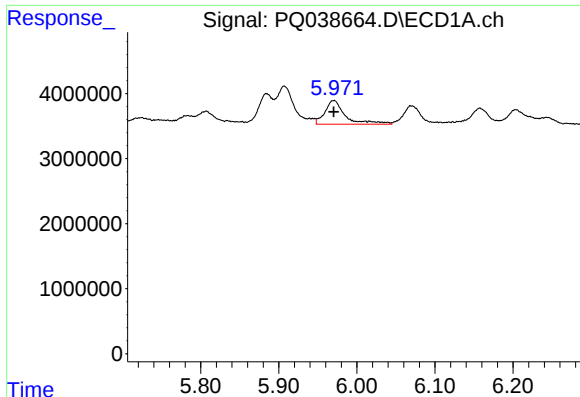
#4 AR-1016-2

R.T.: 5.907 min
Delta R.T.: 0.000 min
Response: 9358126
Conc: 27.83 ng/ml



#4 AR-1016-2

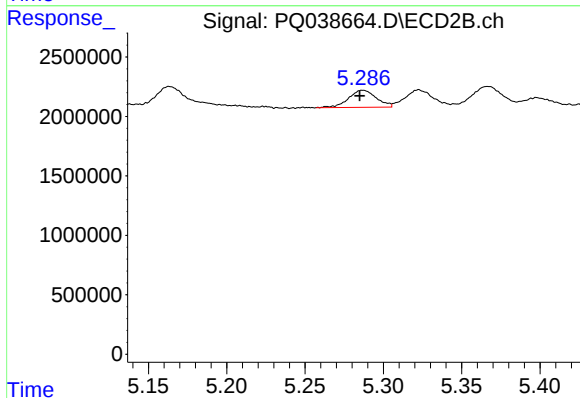
R.T.: 5.105 min
Delta R.T.: 0.000 min
Response: 3609152
Conc: 18.02 ng/ml



#5 AR-1016-3

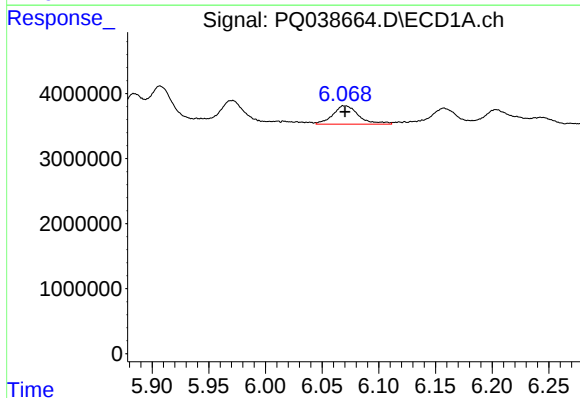
R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 6630139
Conc: 33.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



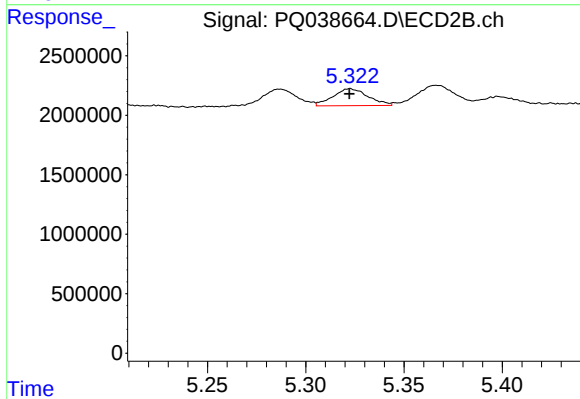
#5 AR-1016-3

R.T.: 5.287 min
Delta R.T.: 0.002 min
Response: 1773596
Conc: 19.22 ng/ml



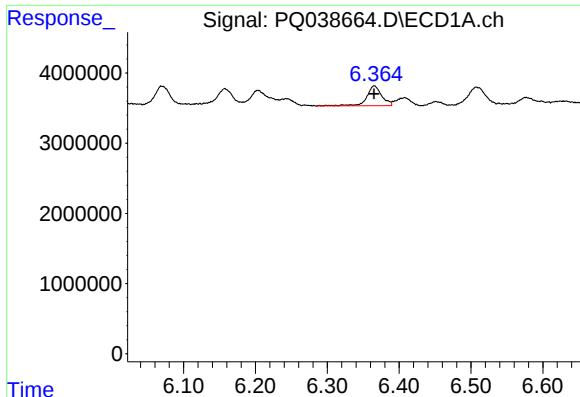
#6 AR-1016-4

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 4484446
Conc: 27.25 ng/ml



#6 AR-1016-4

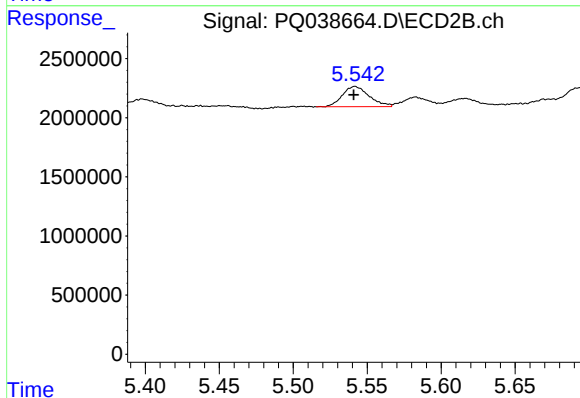
R.T.: 5.322 min
Delta R.T.: 0.000 min
Response: 1781659
Conc: 22.24 ng/ml



#7 AR-1016-5

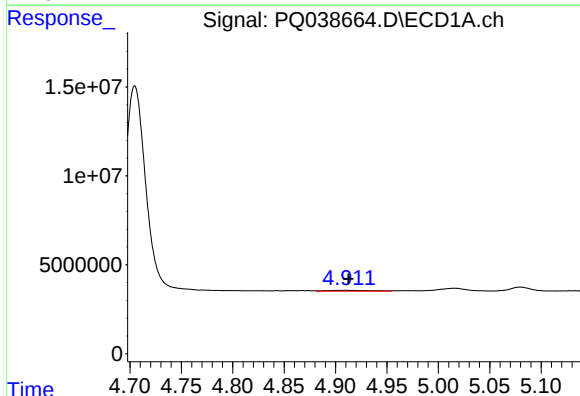
R.T.: 6.366 min
Delta R.T.: 0.000 min
Response: 4097393
Conc: 25.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



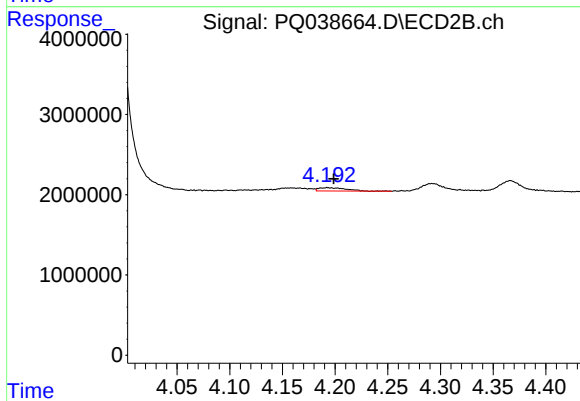
#7 AR-1016-5

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 2163427
Conc: 21.11 ng/ml



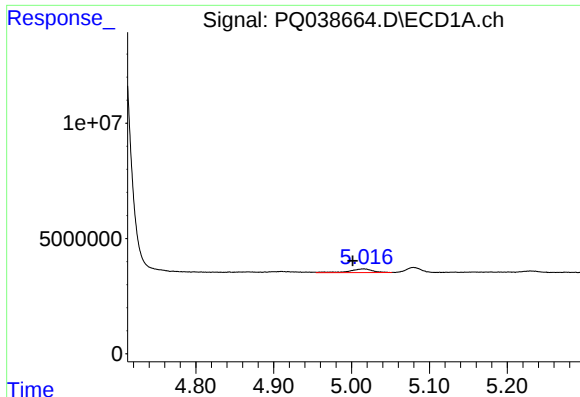
#8 AR-1221-1

R.T.: 4.910 min
Delta R.T.: -0.002 min
Response: 1474024
Conc: 20.91 ng/ml



#8 AR-1221-1

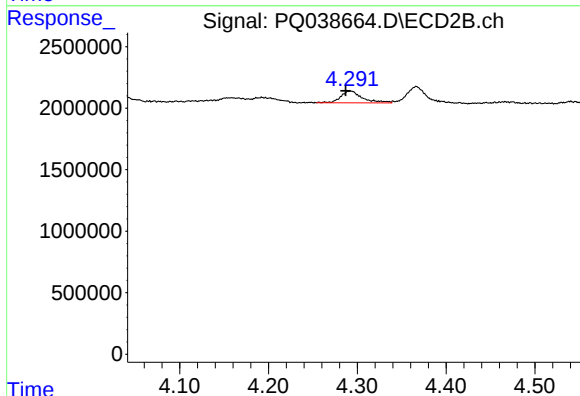
R.T.: 4.193 min
Delta R.T.: -0.006 min
Response: 723772
Conc: 17.94 ng/ml



#9 AR-1221-2

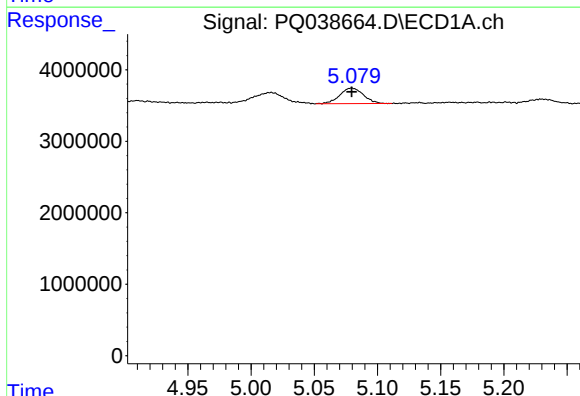
R.T.: 5.015 min
Delta R.T.: 0.014 min
Response: 3250876
Conc: 64.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



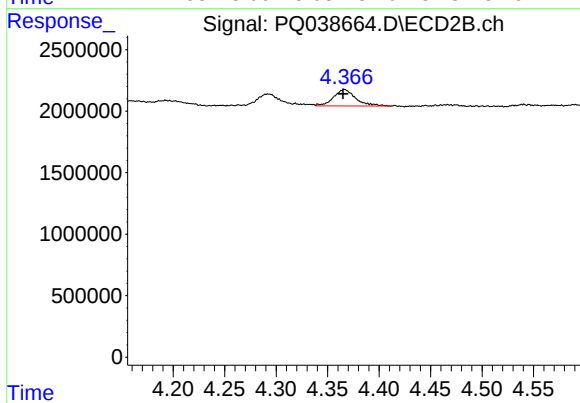
#9 AR-1221-2

R.T.: 4.292 min
Delta R.T.: 0.005 min
Response: 1619686
Conc: 55.07 ng/ml



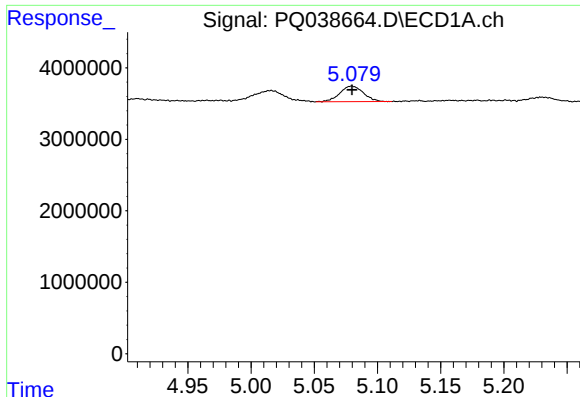
#10 AR-1221-3

R.T.: 5.080 min
Delta R.T.: 0.000 min
Response: 2818559
Conc: 17.58 ng/ml



#10 AR-1221-3

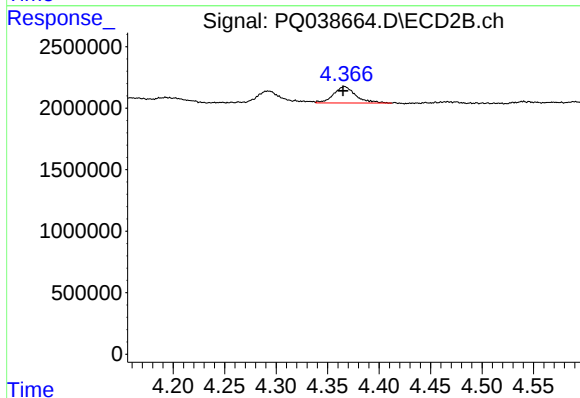
R.T.: 4.366 min
Delta R.T.: 0.001 min
Response: 1983150
Conc: 20.60 ng/ml



#11 AR-1232-1

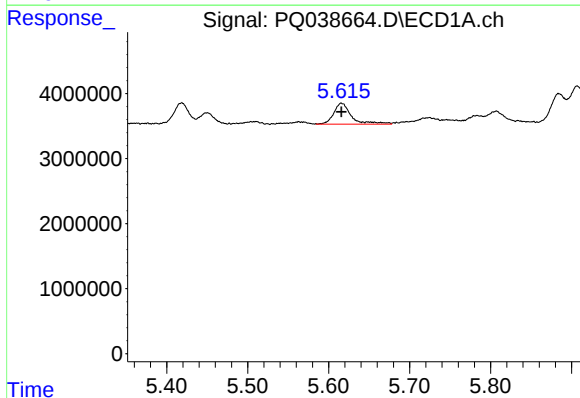
R.T.: 5.080 min
Delta R.T.: 0.000 min
Response: 2818559
Conc: 21.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



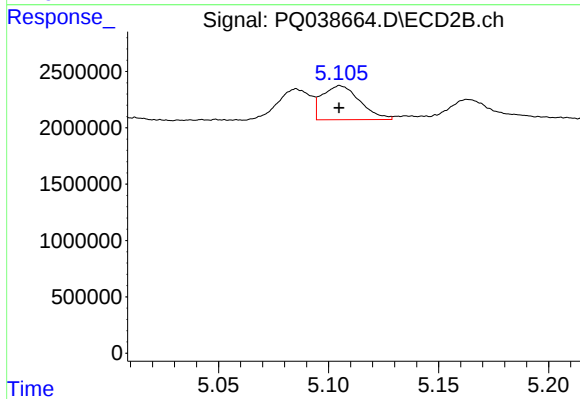
#11 AR-1232-1

R.T.: 4.366 min
Delta R.T.: 0.001 min
Response: 1983150
Conc: 24.98 ng/ml



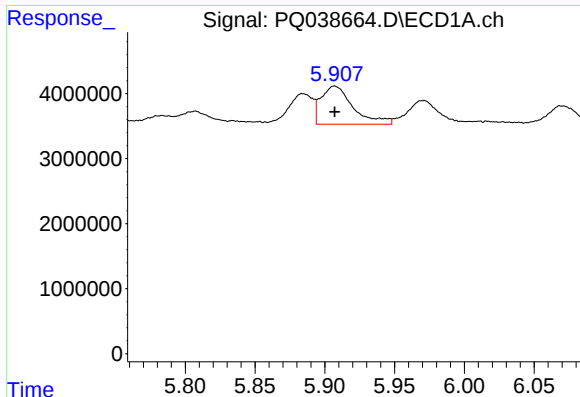
#12 AR-1232-2

R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 4924866
Conc: 76.19 ng/ml



#12 AR-1232-2

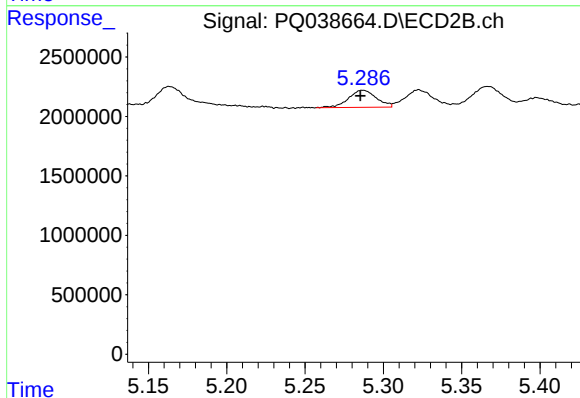
R.T.: 5.105 min
Delta R.T.: 0.000 min
Response: 3609152
Conc: 48.92 ng/ml



#13 AR-1232-3

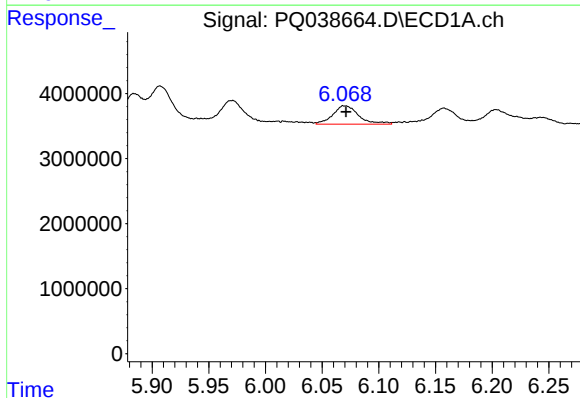
R.T.: 5.907 min
Delta R.T.: 0.000 min
Response: 9358126
Conc: 72.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



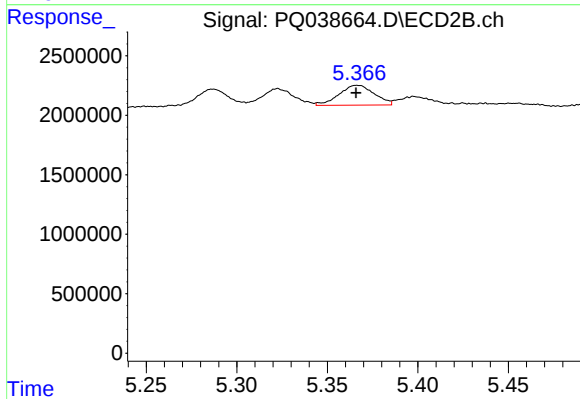
#13 AR-1232-3

R.T.: 5.287 min
Delta R.T.: 0.002 min
Response: 1773596
Conc: 52.13 ng/ml



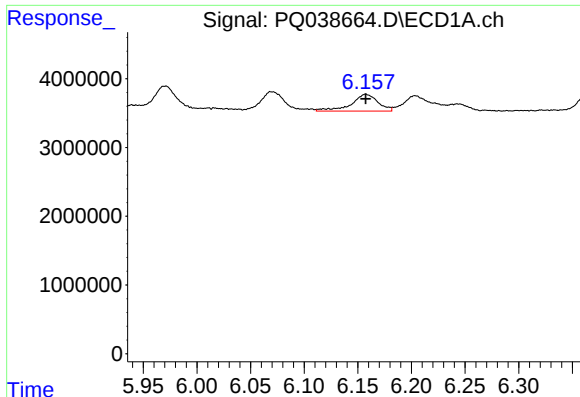
#14 AR-1232-4

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 4484446
Conc: 68.72 ng/ml



#14 AR-1232-4

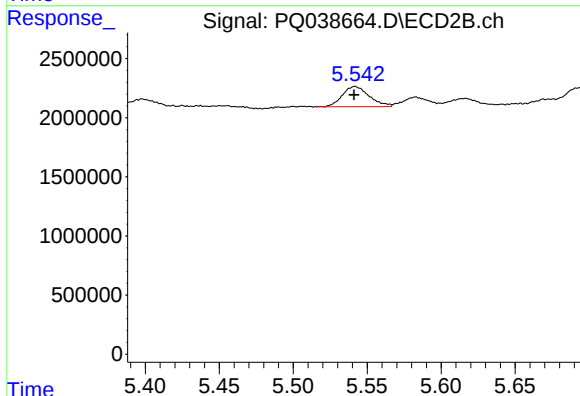
R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 2262935
Conc: 68.57 ng/ml



#15 AR-1232-5

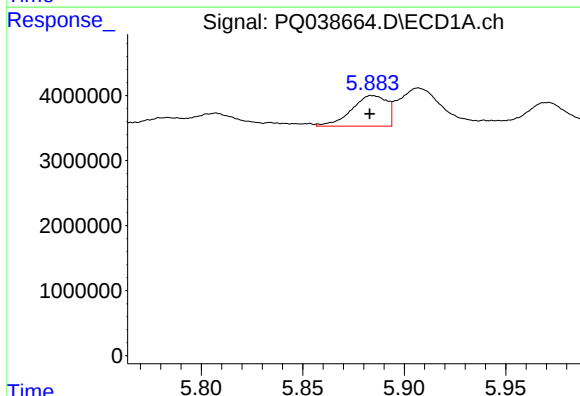
R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 4233573
Conc: 85.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



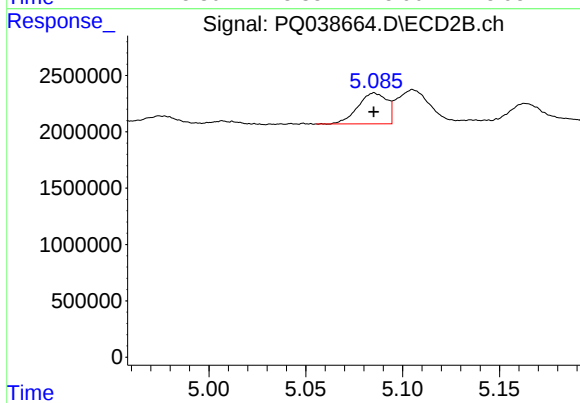
#15 AR-1232-5

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 2163427
Conc: 62.23 ng/ml



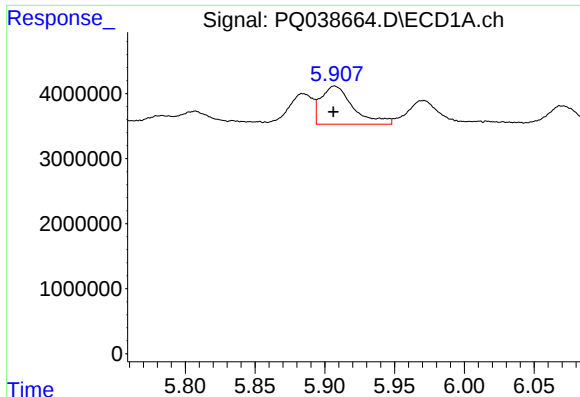
#16 AR-1242-1

R.T.: 5.885 min
Delta R.T.: 0.002 min
Response: 5723951
Conc: 35.67 ng/ml



#16 AR-1242-1

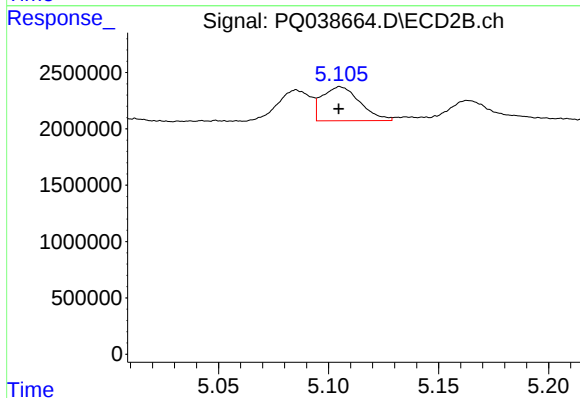
R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 2849728
Conc: 29.17 ng/ml



#17 AR-1242-2

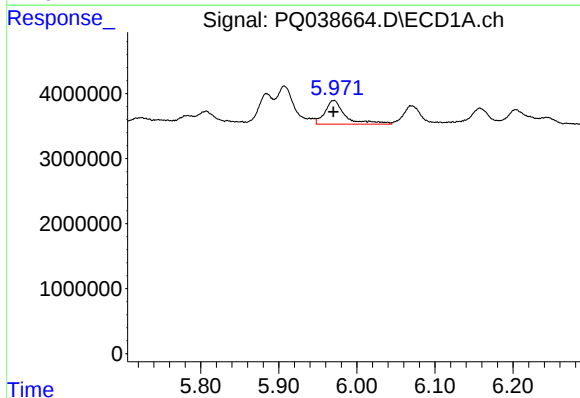
R.T.: 5.907 min
Delta R.T.: 0.001 min
Response: 9358126
Conc: 39.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



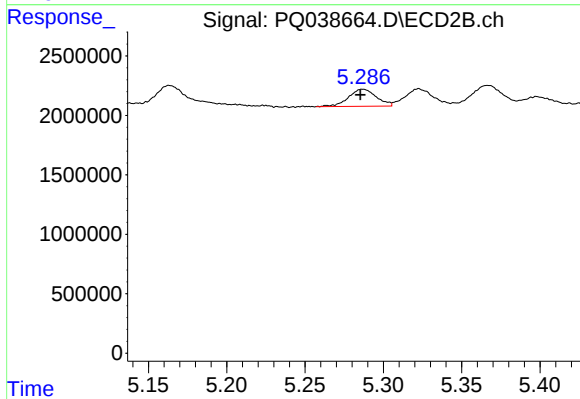
#17 AR-1242-2

R.T.: 5.105 min
Delta R.T.: 0.000 min
Response: 3609152
Conc: 25.74 ng/ml



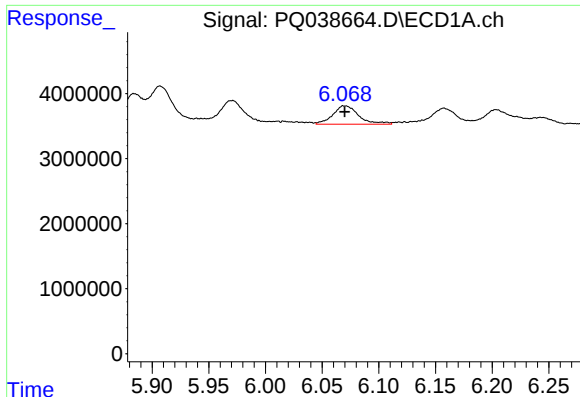
#18 AR-1242-3

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 6630139
Conc: 45.59 ng/ml



#18 AR-1242-3

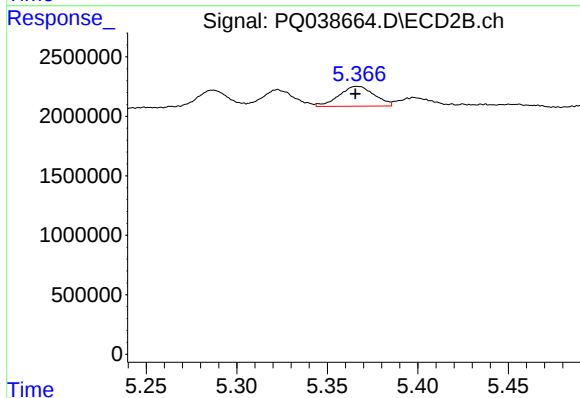
R.T.: 5.287 min
Delta R.T.: 0.002 min
Response: 1773596
Conc: 26.65 ng/ml



#19 AR-1242-4

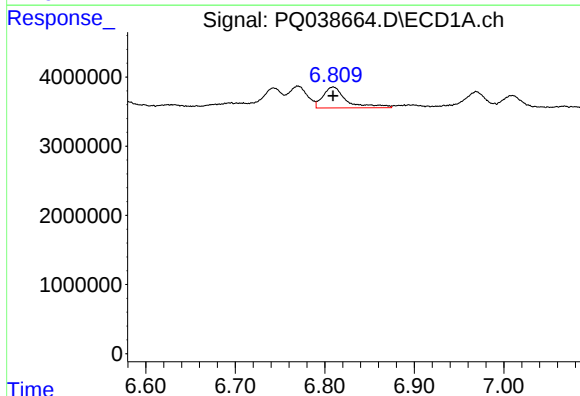
R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 4484446
Conc: 37.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



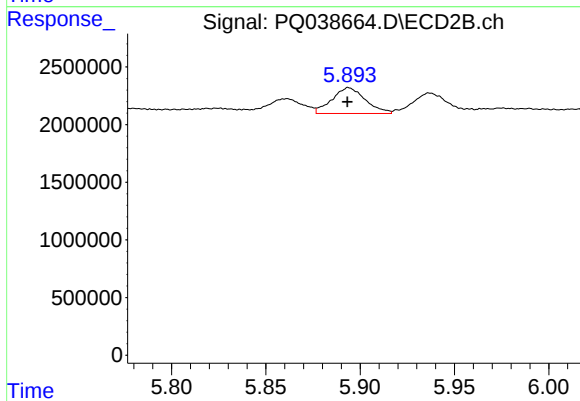
#19 AR-1242-4

R.T.: 5.367 min
Delta R.T.: 0.001 min
Response: 2262935
Conc: 33.02 ng/ml



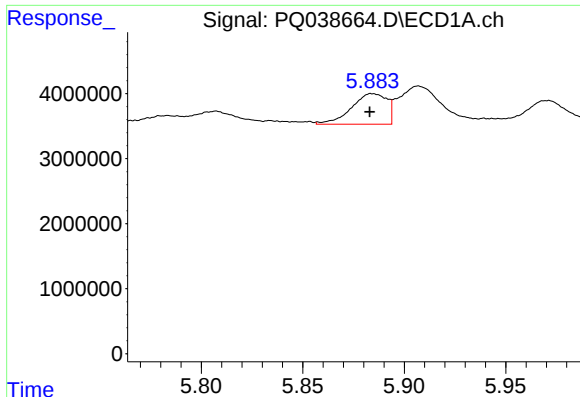
#20 AR-1242-5

R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 5568363
Conc: 49.77 ng/ml



#20 AR-1242-5

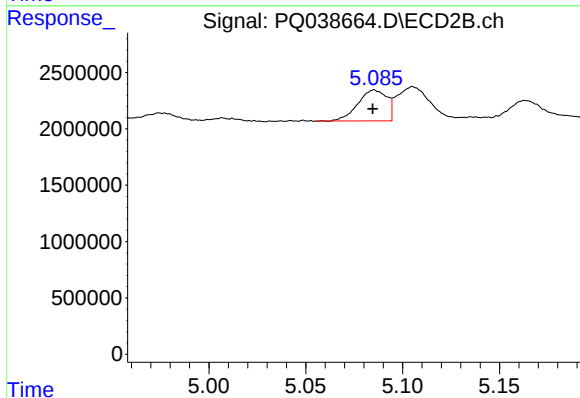
R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 2768998
Conc: 32.00 ng/ml



#21 AR-1248-1

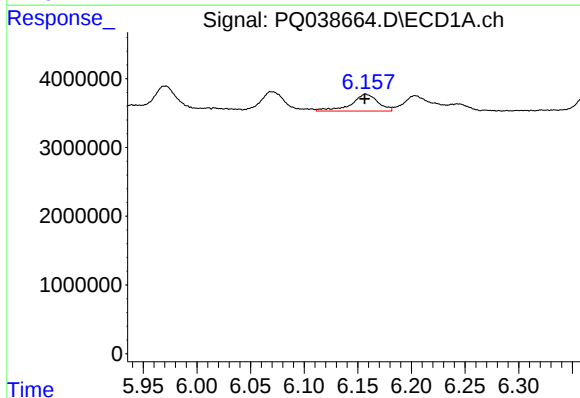
R.T.: 5.885 min
Delta R.T.: 0.002 min
Response: 5723951
Conc: 48.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



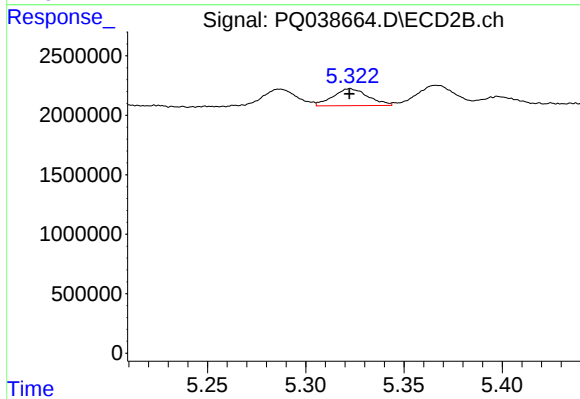
#21 AR-1248-1

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 2849728
Conc: 39.92 ng/ml



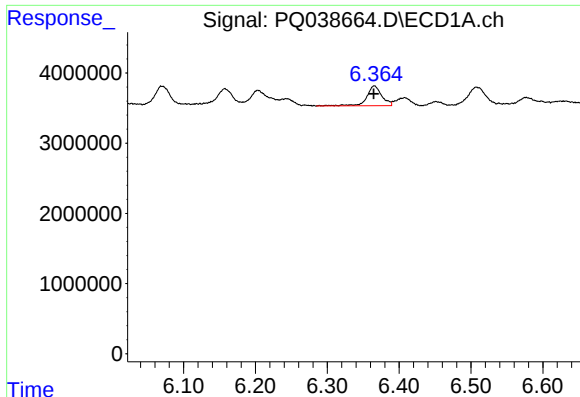
#22 AR-1248-2

R.T.: 6.158 min
Delta R.T.: 0.001 min
Response: 4233573
Conc: 26.49 ng/ml



#22 AR-1248-2

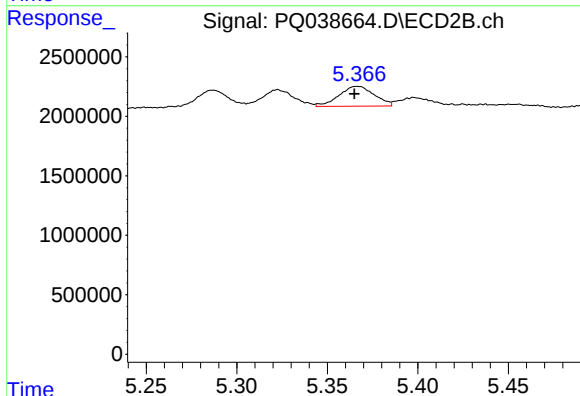
R.T.: 5.322 min
Delta R.T.: 0.000 min
Response: 1781659
Conc: 19.40 ng/ml



#23 AR-1248-3

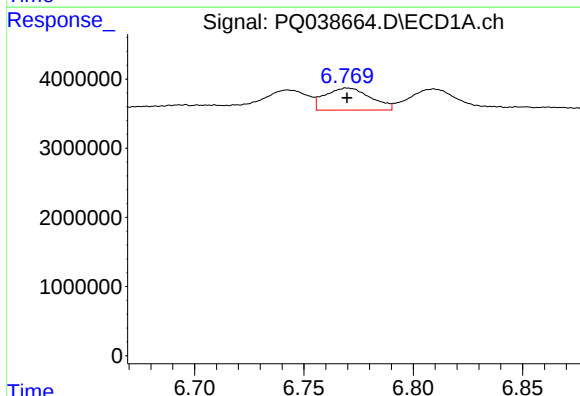
R.T.: 6.366 min
Delta R.T.: 0.001 min
Response: 4097393
Conc: 23.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



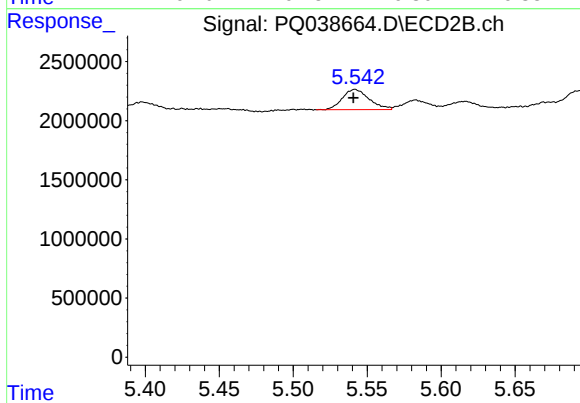
#23 AR-1248-3

R.T.: 5.367 min
Delta R.T.: 0.002 min
Response: 2262935
Conc: 24.02 ng/ml



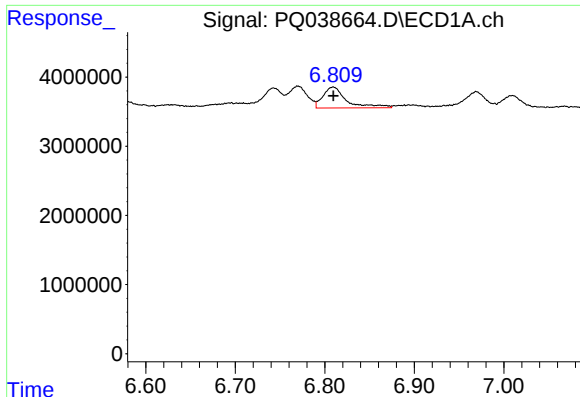
#24 AR-1248-4

R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 4627315
Conc: 26.09 ng/ml



#24 AR-1248-4

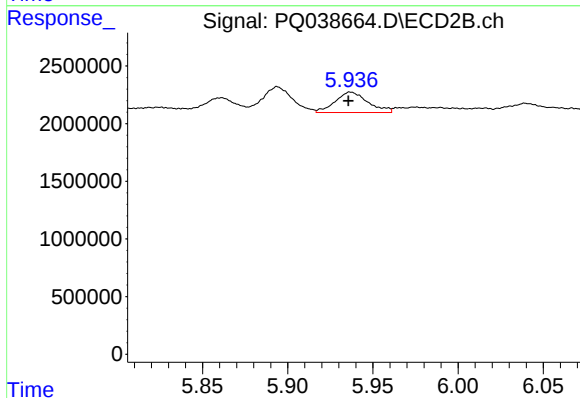
R.T.: 5.542 min
Delta R.T.: 0.001 min
Response: 2163427
Conc: 18.85 ng/ml



#25 AR-1248-5

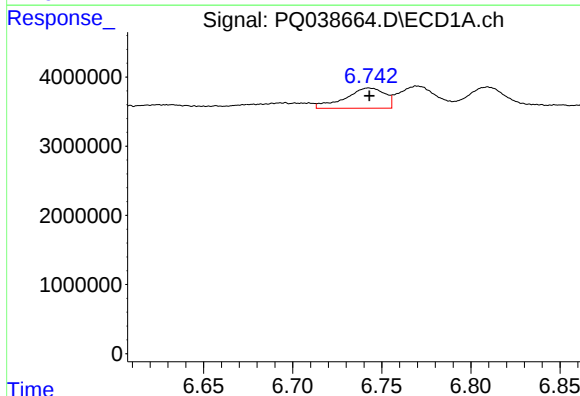
R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 5568363
Conc: 32.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



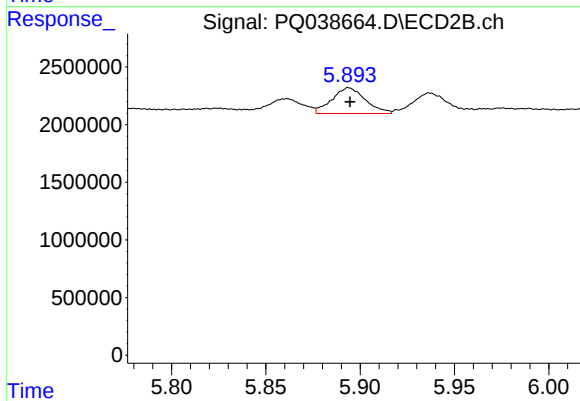
#25 AR-1248-5

R.T.: 5.937 min
Delta R.T.: 0.001 min
Response: 2380200
Conc: 21.97 ng/ml



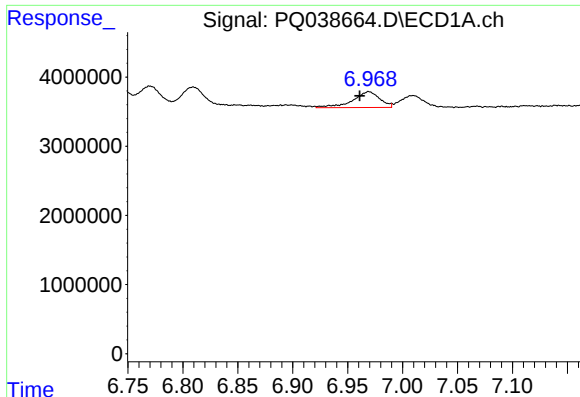
#26 AR-1254-1

R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 4543565
Conc: 23.15 ng/ml



#26 AR-1254-1

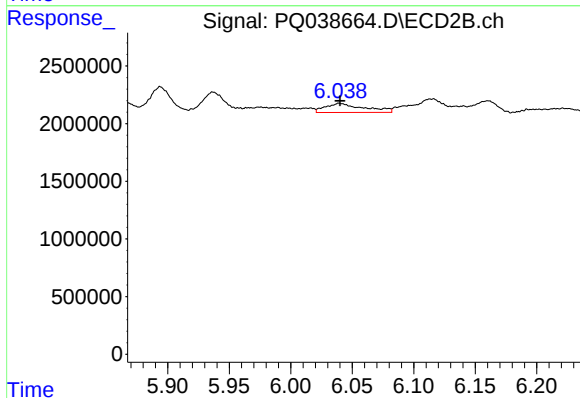
R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 2768998
Conc: 15.00 ng/ml



#27 AR-1254-2

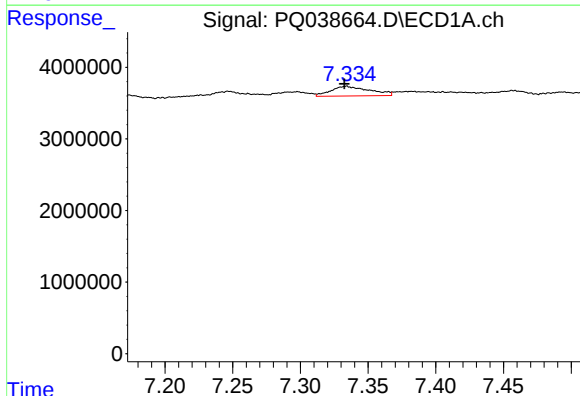
R.T.: 6.969 min
Delta R.T.: 0.008 min
Response: 3900547
Conc: 13.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



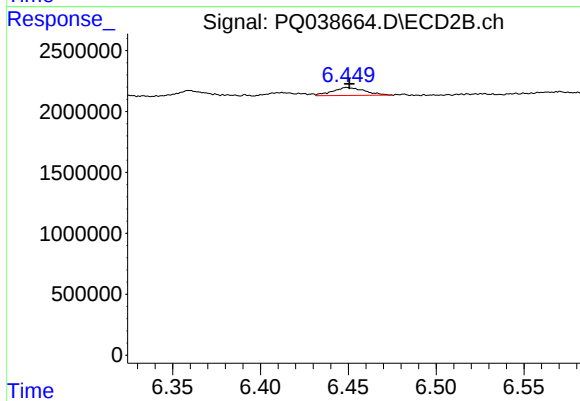
#27 AR-1254-2

R.T.: 6.040 min
Delta R.T.: 0.000 min
Response: 1717129
Conc: 10.98 ng/ml



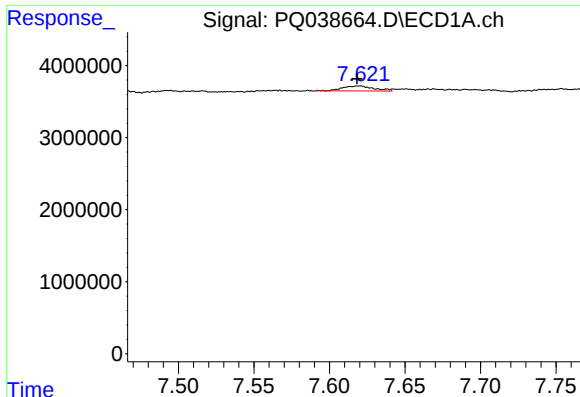
#28 AR-1254-3

R.T.: 7.334 min
Delta R.T.: 0.001 min
Response: 2736926
Conc: 9.15 ng/ml



#28 AR-1254-3

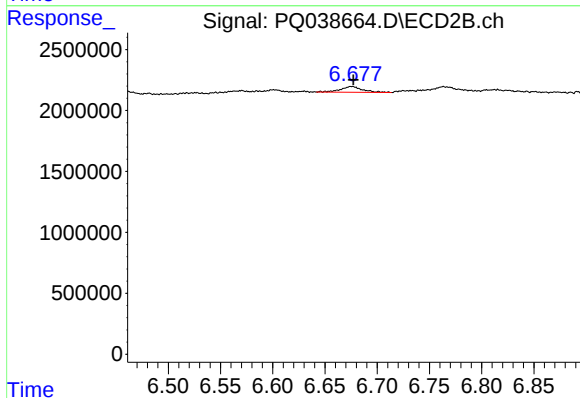
R.T.: 6.449 min
Delta R.T.: -0.001 min
Response: 835049
Conc: 3.22 ng/ml



#29 AR-1254-4

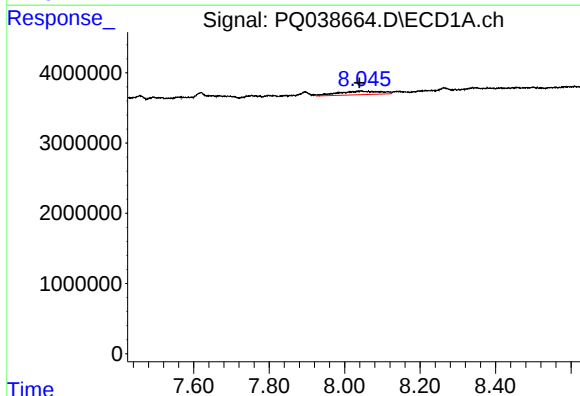
R.T.: 7.619 min
Delta R.T.: 0.000 min
Response: 998355
Conc: 5.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



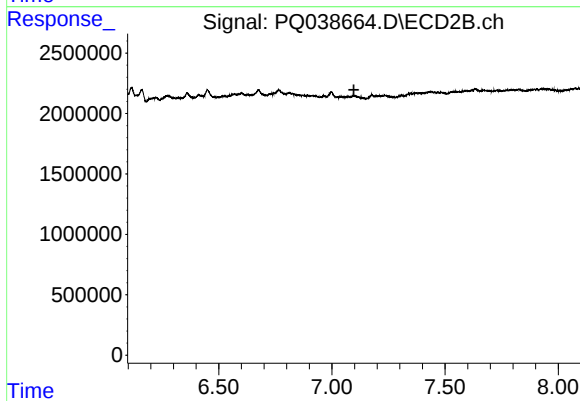
#29 AR-1254-4

R.T.: 6.676 min
Delta R.T.: -0.001 min
Response: 693831
Conc: 4.08 ng/ml



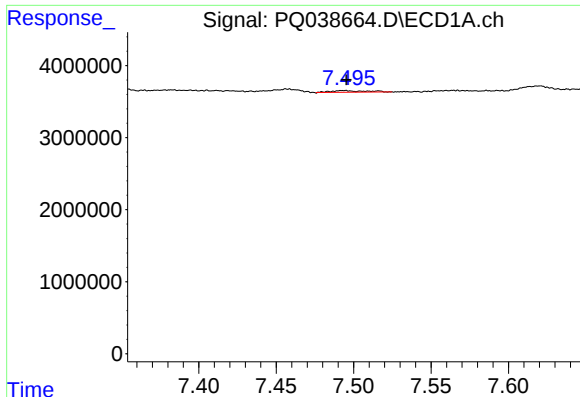
#30 AR-1254-5

R.T.: 8.043 min
Delta R.T.: 0.004 min
Response: 3913609
Conc: 14.82 ng/ml



#30 AR-1254-5

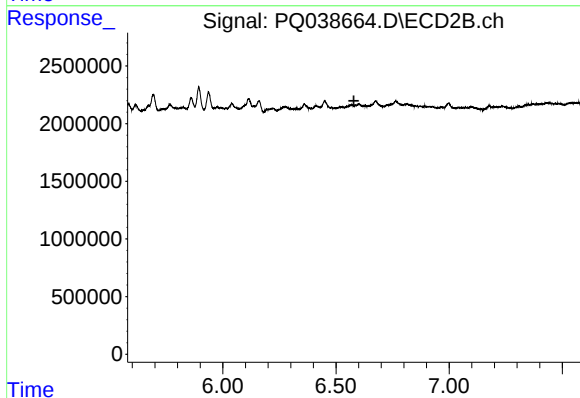
R.T.: 0.000 min
Exp R.T.: 7.097 min
Response: 0
Conc: N.D.



#31 AR-1260-1

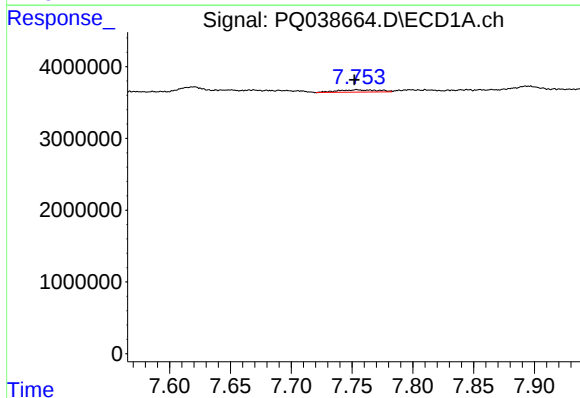
R.T.: 7.494 min
Delta R.T.: -0.002 min
Response: 362307
Conc: 1.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



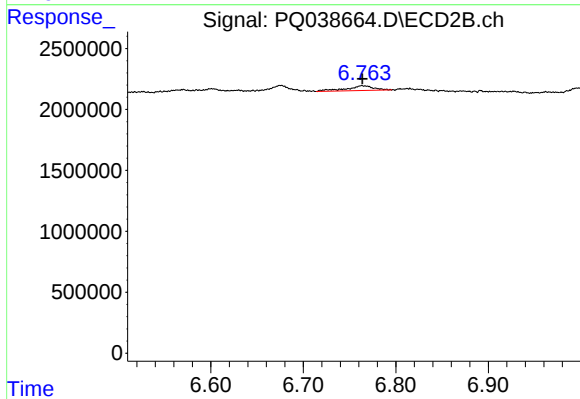
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.579 min
Response: 0
Conc: N.D.



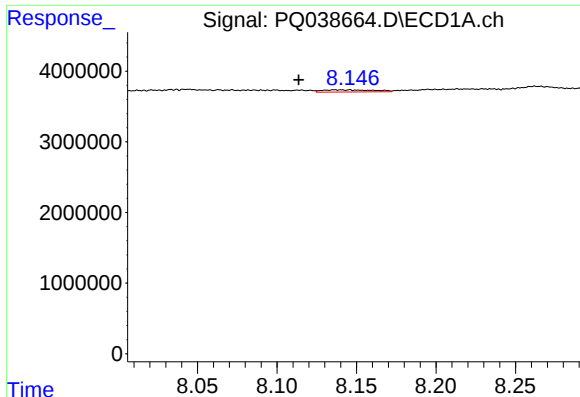
#32 AR-1260-2

R.T.: 7.754 min
Delta R.T.: 0.002 min
Response: 752175
Conc: 2.53 ng/ml



#32 AR-1260-2

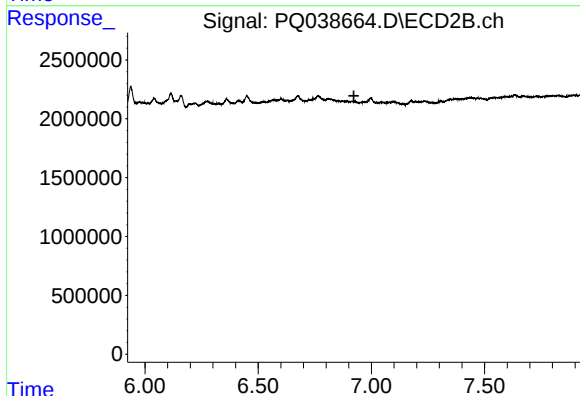
R.T.: 6.764 min
Delta R.T.: 0.000 min
Response: 811104
Conc: 3.73 ng/ml



#33 AR-1260-3

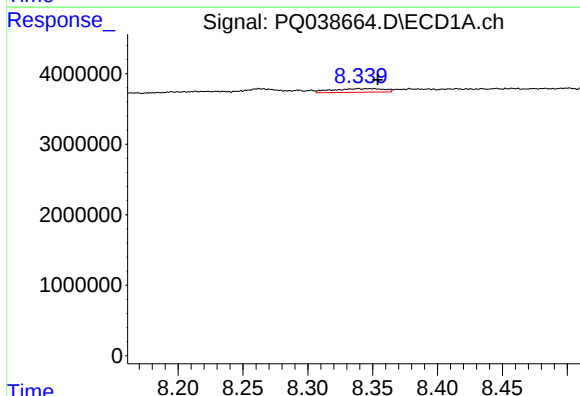
R.T.: 8.140 min
Delta R.T.: 0.027 min
Response: 664867
Conc: 2.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



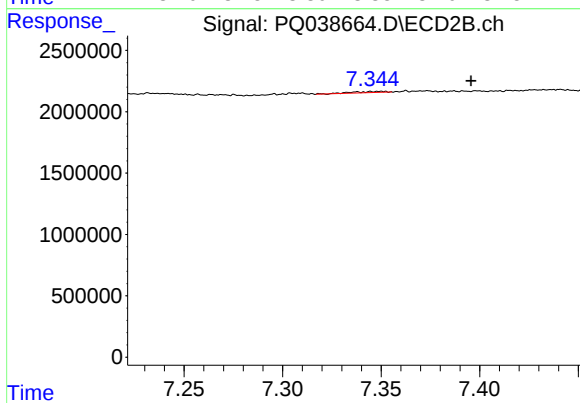
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.923 min
Response: 0
Conc: N.D.



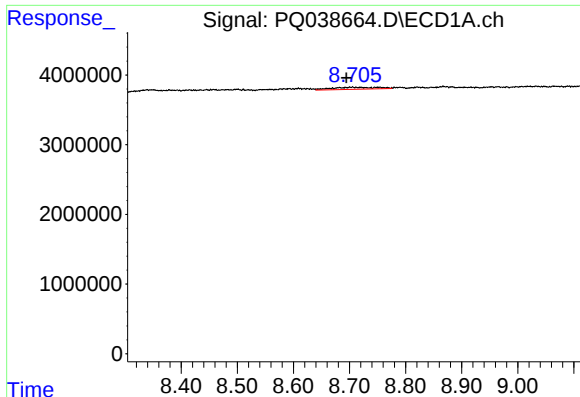
#34 AR-1260-4

R.T.: 8.348 min
Delta R.T.: -0.006 min
Response: 1424559
Conc: 5.37 ng/ml



#34 AR-1260-4

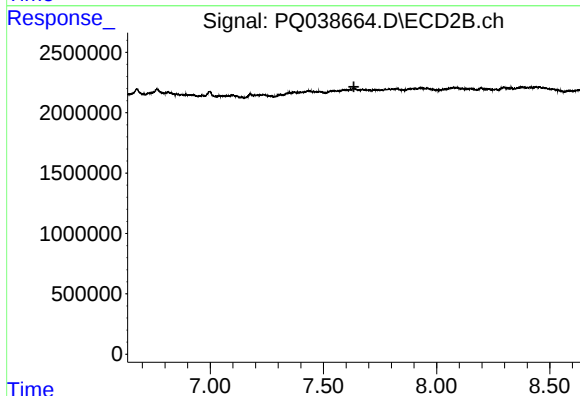
R.T.: 7.350 min
Delta R.T.: -0.045 min
Response: 92120
Conc: 0.55 ng/ml



#35 AR-1260-5

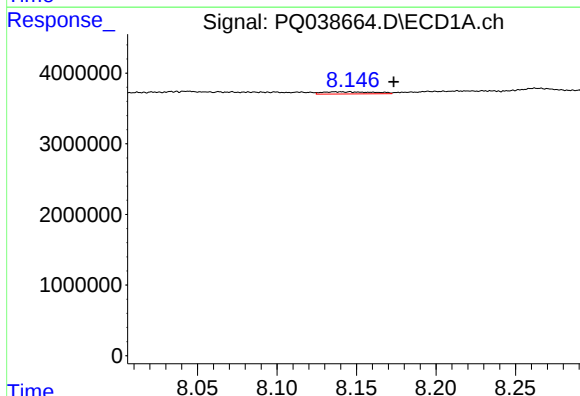
R.T.: 8.704 min
Delta R.T.: 0.009 min
Response: 1682595
Conc: 3.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



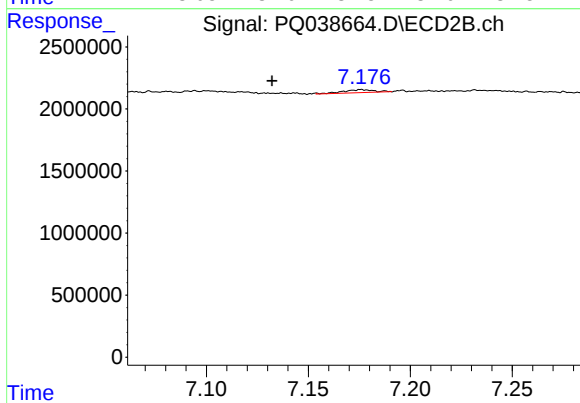
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.634 min
Response: 0
Conc: N.D.



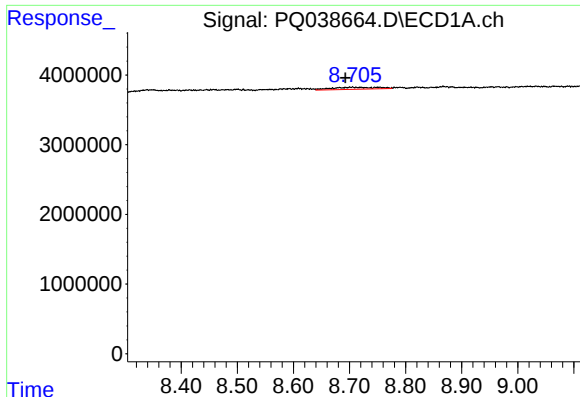
#36 AR-1262-1

R.T.: 8.140 min
Delta R.T.: -0.033 min
Response: 664867
Conc: 5.24 ng/ml



#36 AR-1262-1

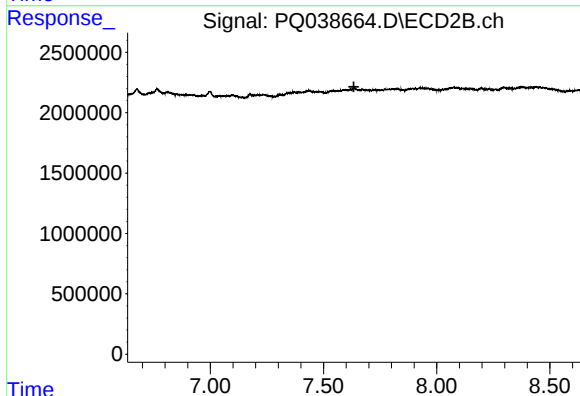
R.T.: 7.176 min
Delta R.T.: 0.044 min
Response: 242816
Conc: 1.02 ng/ml



#37 AR-1262-2

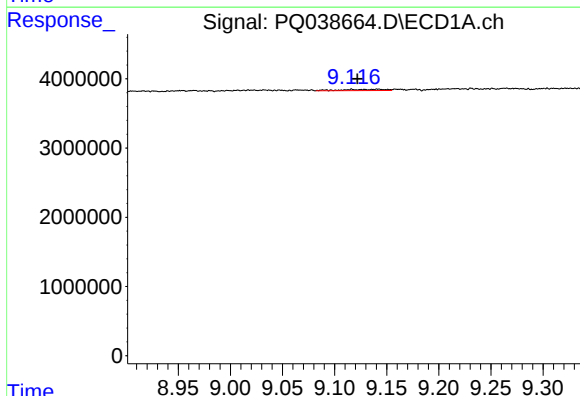
R.T.: 8.704 min
Delta R.T.: 0.011 min
Response: 1682595
Conc: 3.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



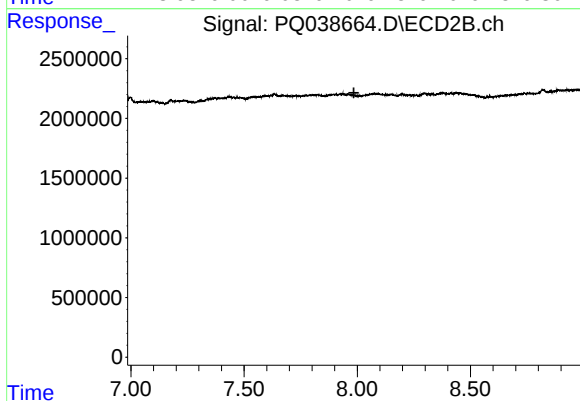
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.634 min
Response: 0
Conc: N.D.



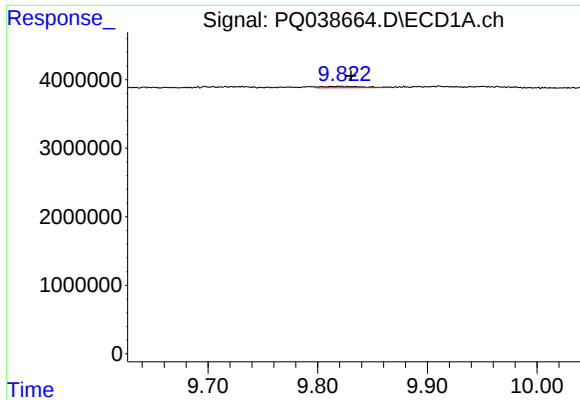
#39 AR-1262-4

R.T.: 9.141 min
Delta R.T.: 0.019 min
Response: 498862
Conc: 1.73 ng/ml



#39 AR-1262-4

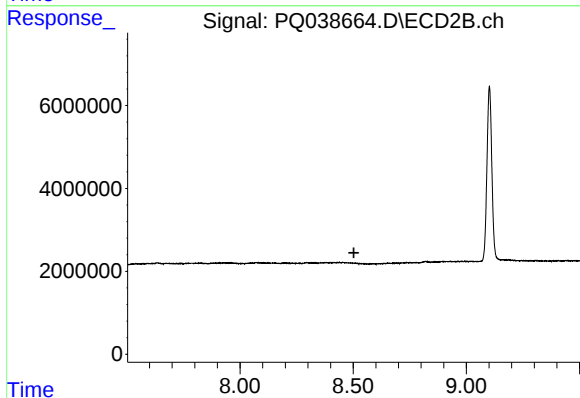
R.T.: 0.000 min
Exp R.T. : 7.985 min
Response: 0
Conc: N.D.



#40 AR-1262-5

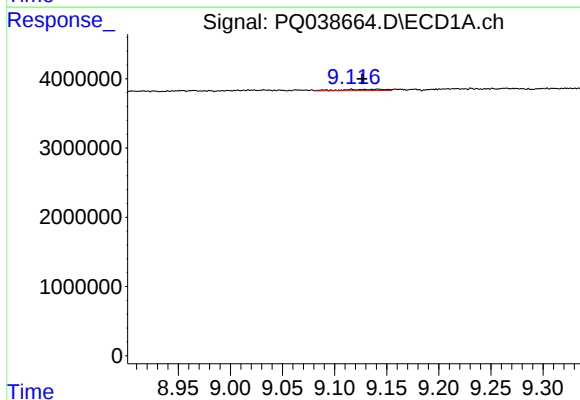
R.T.: 9.819 min
Delta R.T.: -0.011 min
Response: 504901
Conc: 2.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



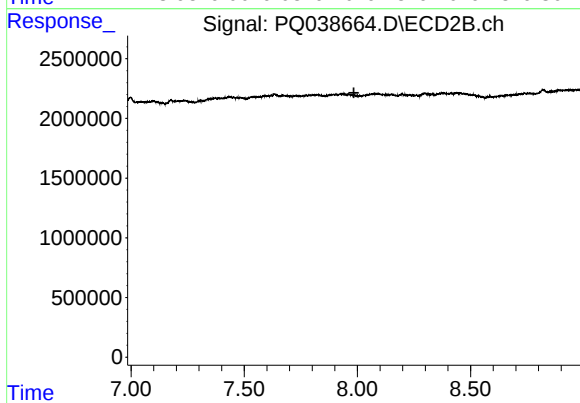
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.503 min
Response: 0
Conc: N.D.



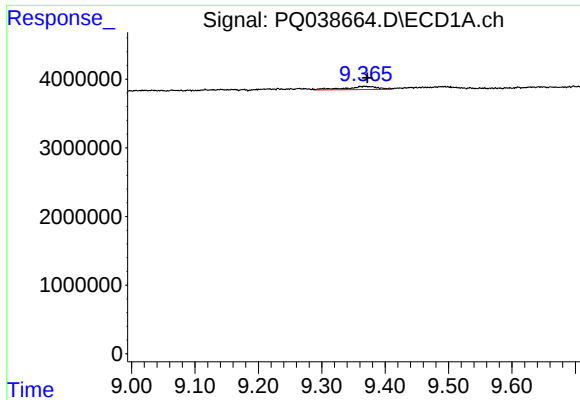
#42 AR-1268-2

R.T.: 9.141 min
Delta R.T.: 0.015 min
Response: 498862
Conc: 0.81 ng/ml



#42 AR-1268-2

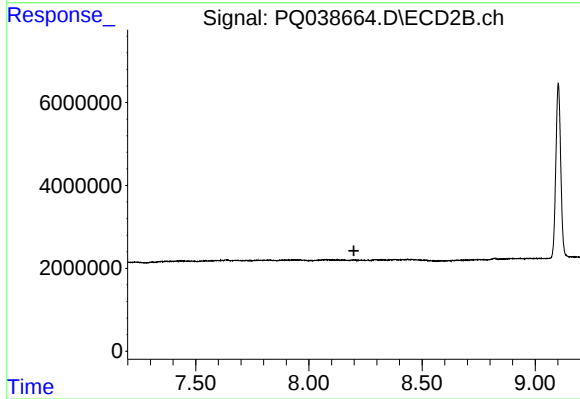
R.T.: 0.000 min
Exp R.T. : 7.985 min
Response: 0
Conc: N.D.



#43 AR-1268-3

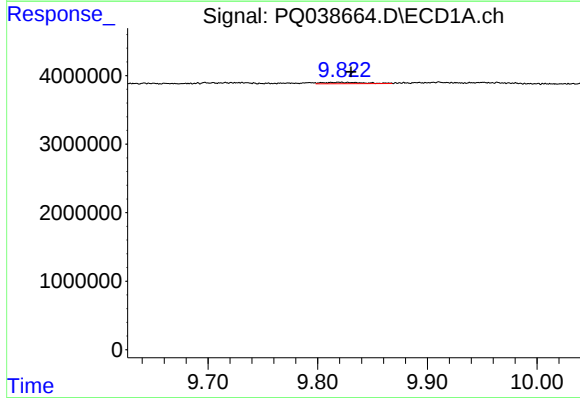
R.T.: 9.369 min
Delta R.T.: -0.003 min
Response: 1697263
Conc: 3.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



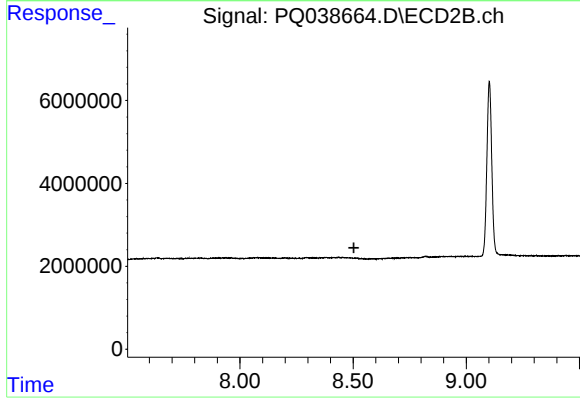
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.199 min
Response: 0
Conc: N.D.



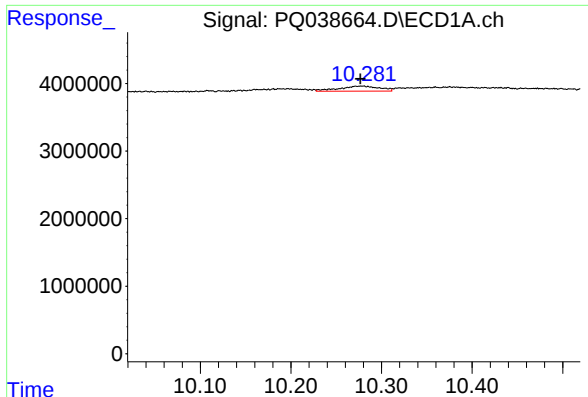
#44 AR-1268-4

R.T.: 9.819 min
Delta R.T.: -0.011 min
Response: 504901
Conc: 2.31 ng/ml



#44 AR-1268-4

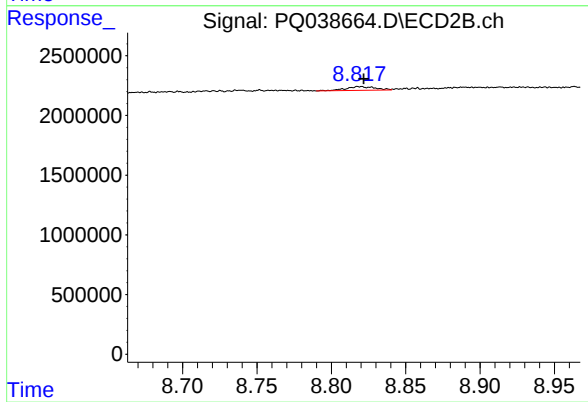
R.T.: 0.000 min
Exp R.T. : 8.504 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.278 min
Delta R.T.: 0.001 min
Response: 2322131
Conc: 1.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.819 min
Delta R.T.: -0.002 min
Response: 429457
Conc: 0.37 ng/ml