

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040319\
 Data File : PQ038671.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Apr 2019 01:33
 Operator : AJ\SJ
 Sample : K1560-01
 Misc : AR1254 LOD 40 PPB
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 03:46:59 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...	4.704	3.985	171.8E6	87998263	23.223	21.474
2) SA Decachlor...	10.638	9.100	123.1E6	61602478	23.638	19.763
Target Compounds						
3) L1 AR-1016-1	5.882	0.000	1222220	0	5.341	N.D. #
4) L1 AR-1016-2	5.915	0.000	1011627	0	3.008	N.D. #
5) L1 AR-1016-3	5.941	5.323	2359166	3212781	11.756	34.822 #
6) L1 AR-1016-4	6.072	5.323	982837	3212781	5.972	40.111 #
7) L1 AR-1016-5	6.364	5.540	3984835	2050562	25.190	20.009
8) L2 AR-1221-1	4.852	0.000	914183	0	12.967	N.D. #
9) L2 AR-1221-2	5.017	4.293	1609238	868693	32.095	29.536
10) L2 AR-1221-3	5.081	0.000	415299	0	2.591	N.D. #
11) L3 AR-1232-1	5.081	0.000	415299	0	3.124	N.D. #
13) L3 AR-1232-3	5.915	5.323	1011627	3212781	7.874	94.428 #
14) L3 AR-1232-4	6.072	5.365	982837	736898	15.061	22.329 #
15) L3 AR-1232-5	6.157	5.540	7463184	2050562	151.211	58.985 #
16) L4 AR-1242-1	5.882	0.000	1222220	0	7.616	N.D. #
17) L4 AR-1242-2	5.915	0.000	1011627	0	4.289	N.D. #
18) L4 AR-1242-3	5.941	5.323	2359166	3212781	16.222	48.268 #
19) L4 AR-1242-4	6.072	5.365	982837	736898	8.223	10.754 #
20) L4 AR-1242-5	6.813	5.895	3704593	7888951	33.114	91.161 #
21) L5 AR-1248-1	5.882	0.000	1222220	0	10.433	N.D. #
22) L5 AR-1248-2	6.157	5.323	7463184	3212781	46.693	34.974 #
23) L5 AR-1248-3	6.364	5.365	3984835	736898	23.200	7.822 #
24) L5 AR-1248-4	6.769	5.540	4615244	2050562	26.020	17.868 #
25) L5 AR-1248-5	6.813	5.936	3704593	765464	21.840	7.066 #
26) L6 AR-1254-1	6.744	5.895	10962356	7888951	55.864	42.746
27) L6 AR-1254-2	6.961	6.040	15775137	7495216	54.360	47.921
28) L6 AR-1254-3	7.332	6.450	16336127	10900916	54.600	41.994
29) L6 AR-1254-4	7.617	6.677	10392402	7114105	52.199	41.853
30) L6 AR-1254-5	8.038	7.097	11859603	8746356	44.899	41.458
31) L7 AR-1260-1	7.495	6.578	6826684	4481331	26.864	24.805
32) L7 AR-1260-2	7.750	6.764	6465600	4295025	21.787	19.745
33) L7 AR-1260-3	8.104	6.923	1789021	3911421	7.813	19.187 #
34) L7 AR-1260-4	8.342	7.395	4864998	342180	18.350	2.028 #
35) L7 AR-1260-5	8.691	7.631	2059704	859175	4.054	2.126 #
36) L8 AR-1262-1	8.175	7.097	421573	8746356	3.325	36.574 #
37) L8 AR-1262-2	8.691	7.631	2059704	859175	3.999	2.040 #
38) L8 AR-1262-3	9.044	7.982	1285790	984403	3.669	6.169 #
39) L8 AR-1262-4	9.136	7.982	108982	984403	0.377	3.232 #
41) L9 AR-1268-1	9.044	7.982	1285790	984403	2.043	2.082
42) L9 AR-1268-2	9.136	7.982	108982	984403	0.178	2.255 #
43) L9 AR-1268-3	0.000	8.196	0	486454	N.D.	1.365 #

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 Integration File signal 2: autoint2.e
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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
45) L9	AR-1268-5	10.273	8.820	2583002	468711	1.504	0.406 #

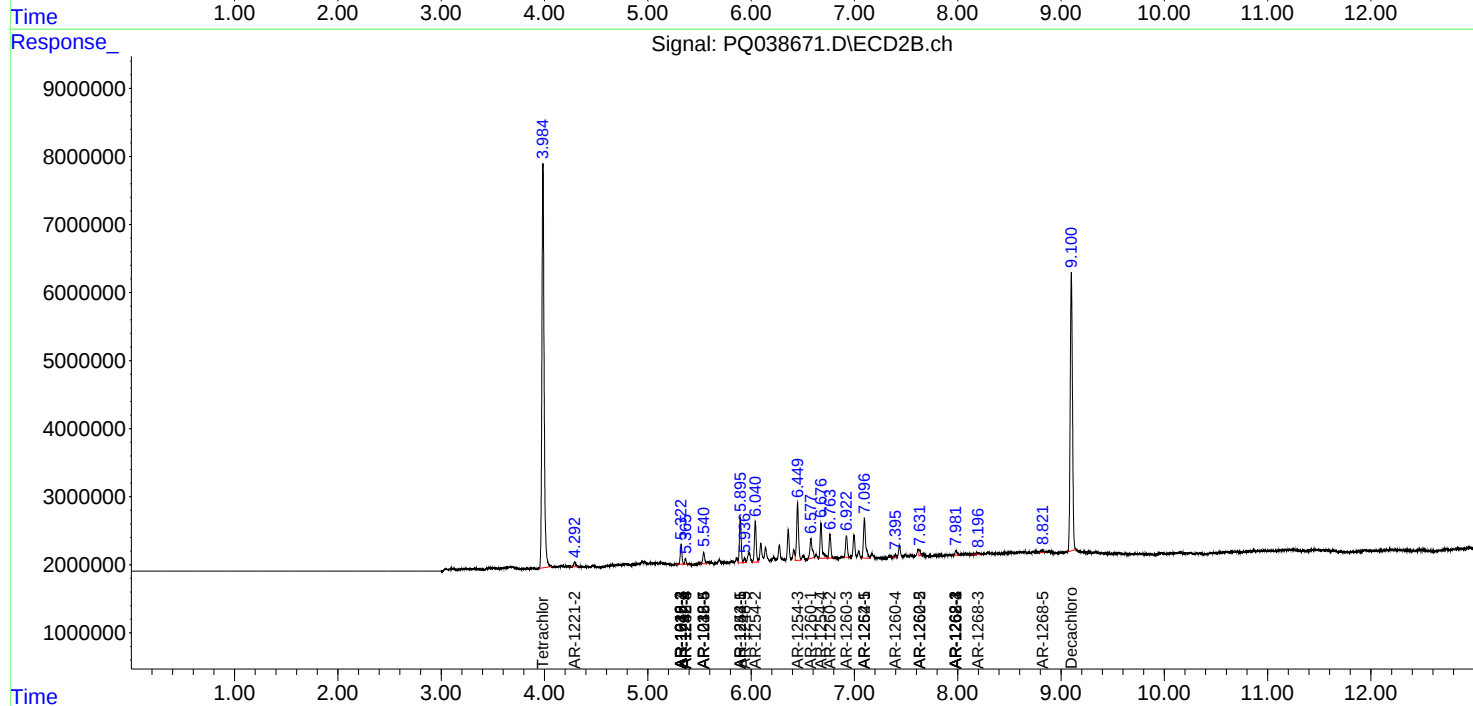
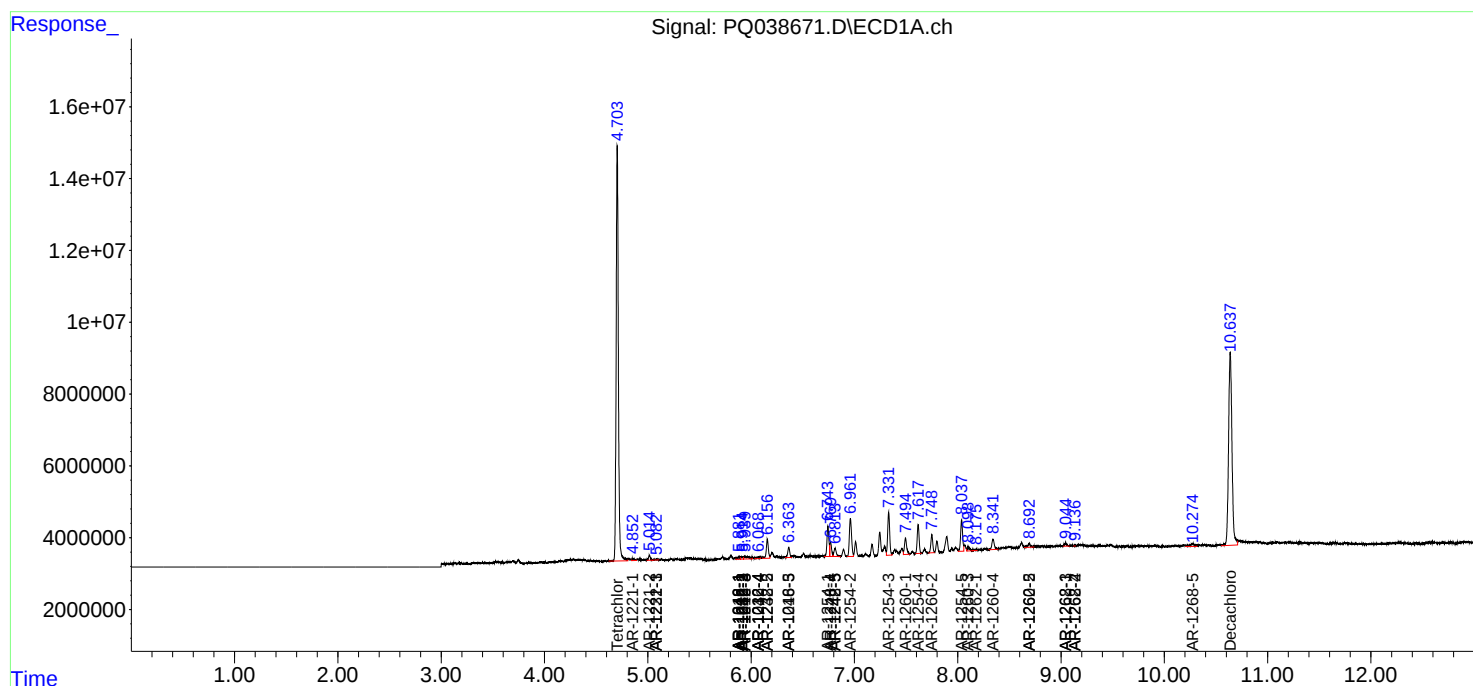
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

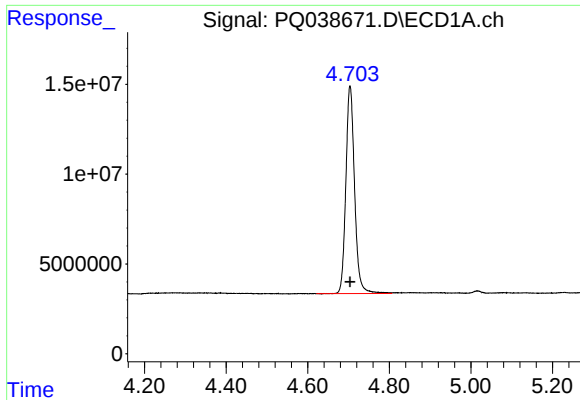
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040319\
Data File : PQ038671.D
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

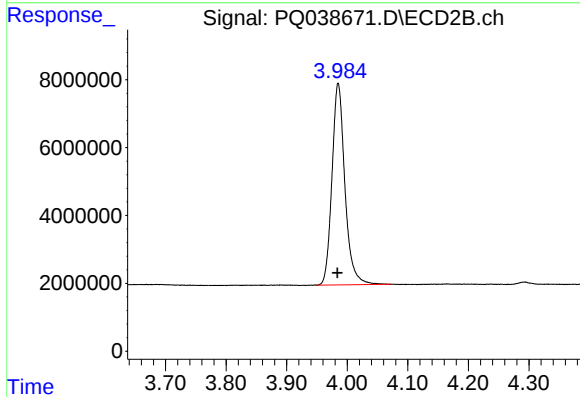




#1 Tetrachloro-m-xylene

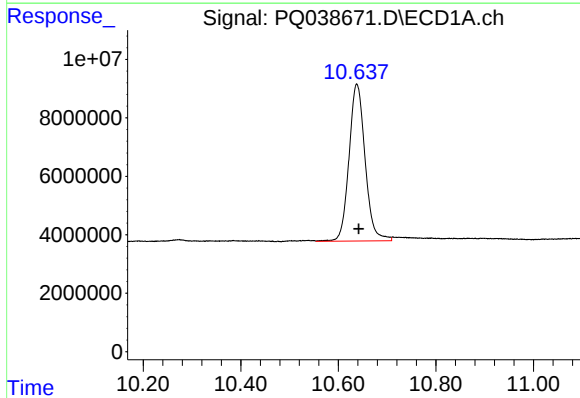
R.T.: 4.704 min
Delta R.T.: 0.000 min
Response: 171773650
Conc: 23.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



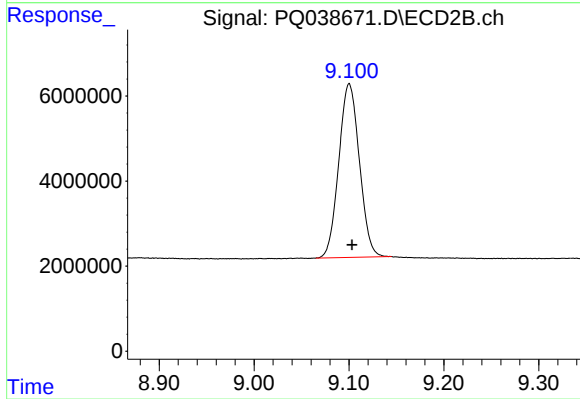
#1 Tetrachloro-m-xylene

R.T.: 3.985 min
Delta R.T.: 0.001 min
Response: 87998263
Conc: 21.47 ng/ml



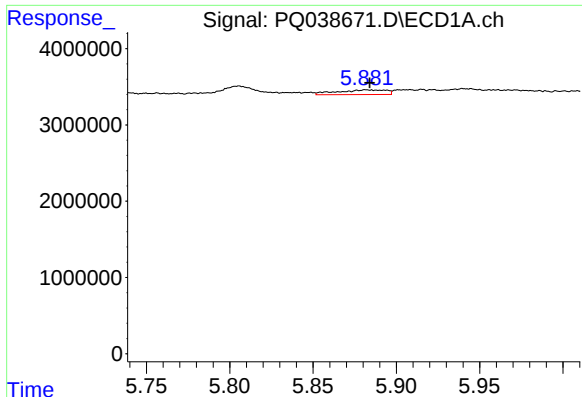
#2 Decachlorobiphenyl

R.T.: 10.638 min
Delta R.T.: -0.004 min
Response: 123056207
Conc: 23.64 ng/ml



#2 Decachlorobiphenyl

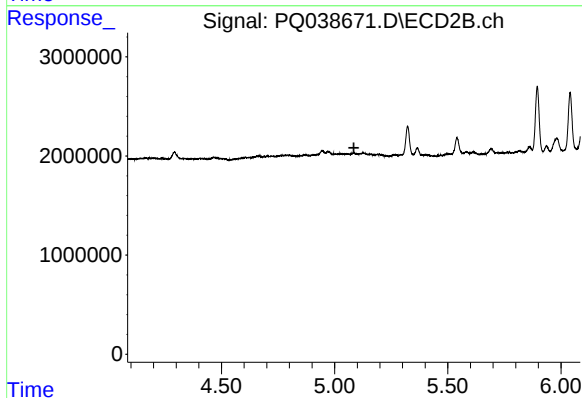
R.T.: 9.100 min
Delta R.T.: -0.003 min
Response: 61602478
Conc: 19.76 ng/ml



#3 AR-1016-1

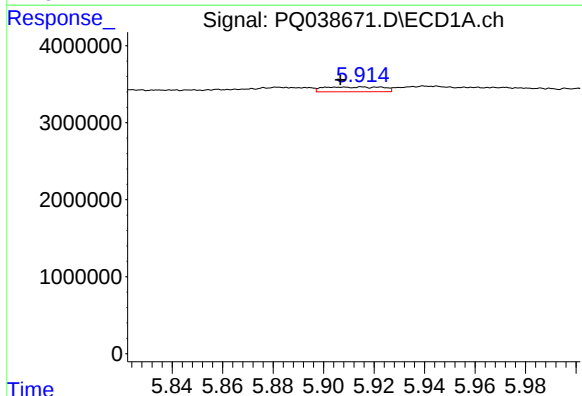
R.T.: 5.882 min
Delta R.T.: -0.002 min
Response: 1222220
Conc: 5.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



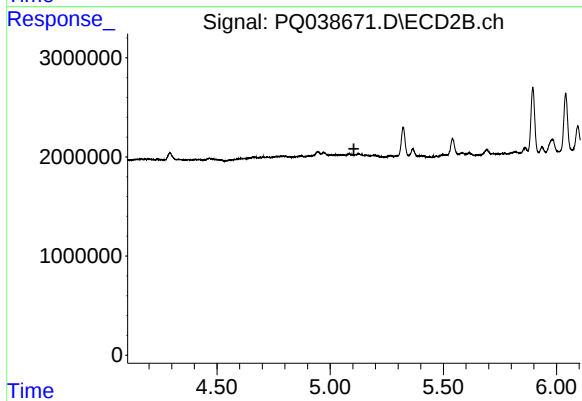
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.085 min
Response: 0
Conc: N.D.



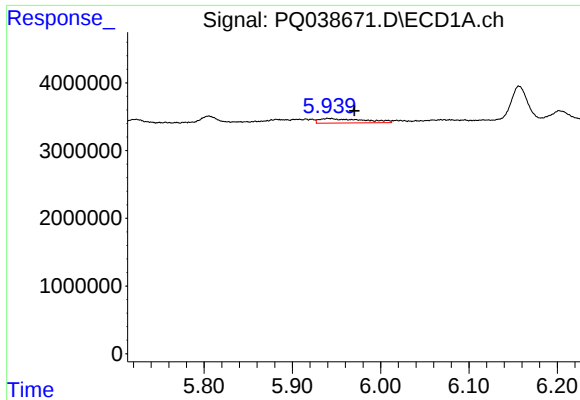
#4 AR-1016-2

R.T.: 5.915 min
Delta R.T.: 0.009 min
Response: 1011627
Conc: 3.01 ng/ml



#4 AR-1016-2

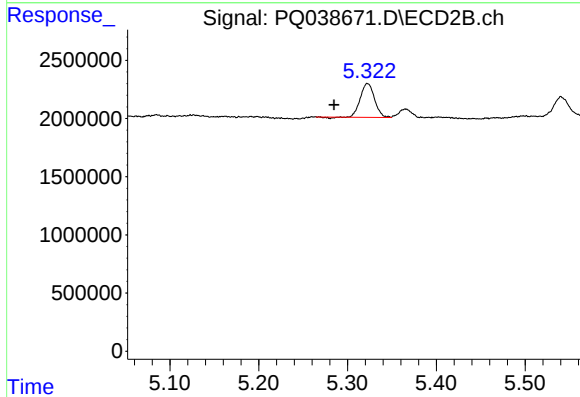
R.T.: 0.000 min
Exp R.T. : 5.105 min
Response: 0
Conc: N.D.



#5 AR-1016-3

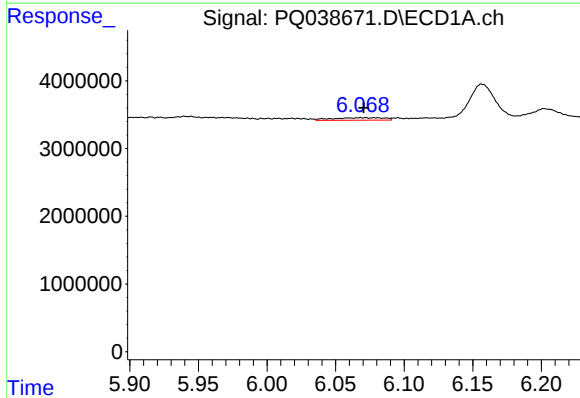
R.T.: 5.941 min
Delta R.T.: -0.030 min
Response: 2359166
Conc: 11.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



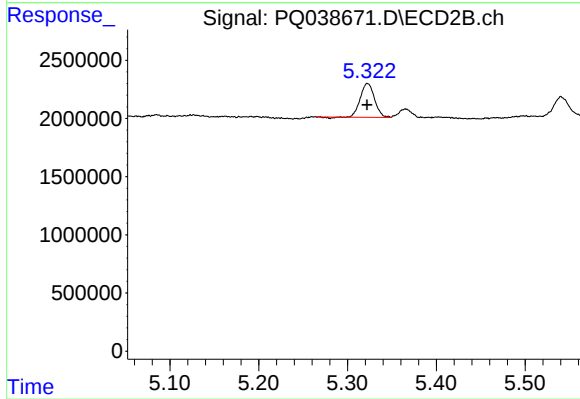
#5 AR-1016-3

R.T.: 5.323 min
Delta R.T.: 0.038 min
Response: 3212781
Conc: 34.82 ng/ml



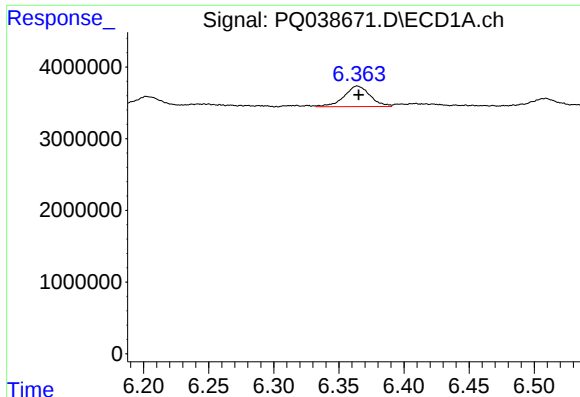
#6 AR-1016-4

R.T.: 6.072 min
Delta R.T.: 0.001 min
Response: 982837
Conc: 5.97 ng/ml



#6 AR-1016-4

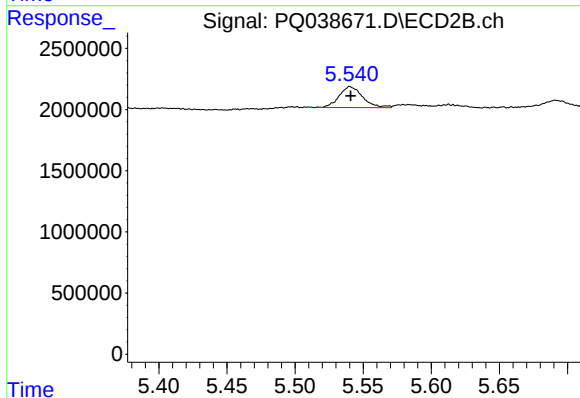
R.T.: 5.323 min
Delta R.T.: 0.000 min
Response: 3212781
Conc: 40.11 ng/ml



#7 AR-1016-5

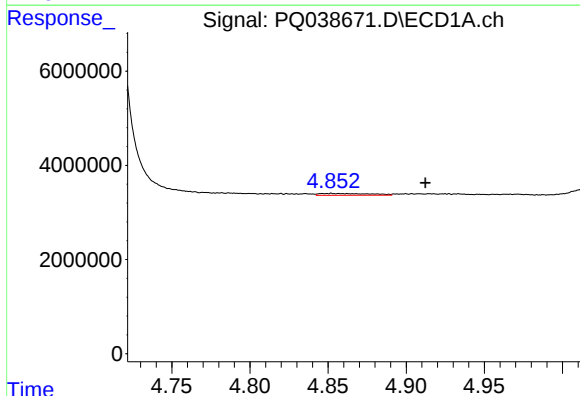
R.T.: 6.364 min
Delta R.T.: -0.001 min
Response: 3984835
Conc: 25.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



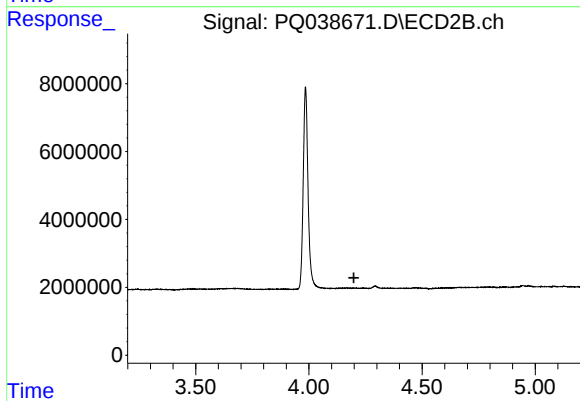
#7 AR-1016-5

R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 2050562
Conc: 20.01 ng/ml



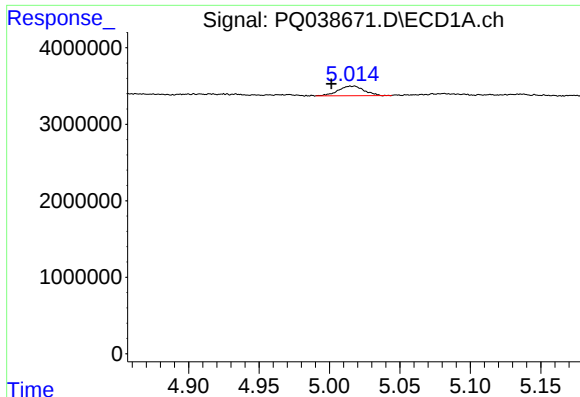
#8 AR-1221-1

R.T.: 4.852 min
Delta R.T.: -0.060 min
Response: 914183
Conc: 12.97 ng/ml



#8 AR-1221-1

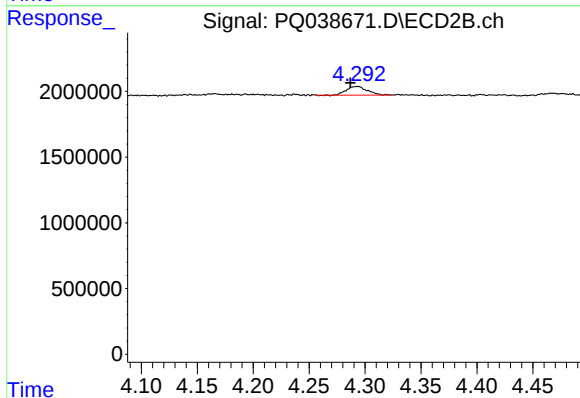
R.T.: 0.000 min
Exp R.T. : 4.199 min
Response: 0
Conc: N.D.



#9 AR-1221-2

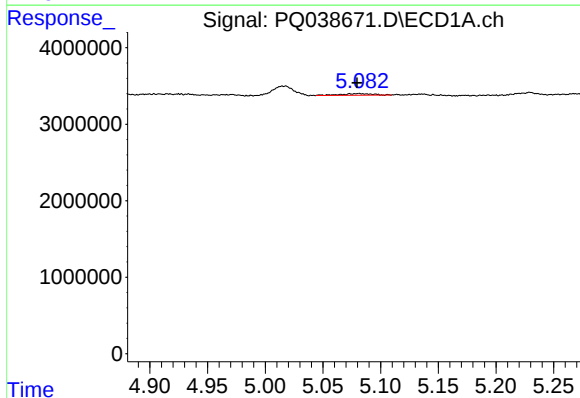
R.T.: 5.017 min
Delta R.T.: 0.015 min
Response: 1609238
Conc: 32.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



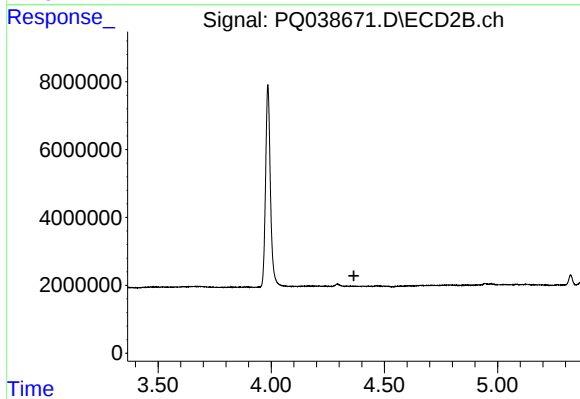
#9 AR-1221-2

R.T.: 4.293 min
Delta R.T.: 0.006 min
Response: 868693
Conc: 29.54 ng/ml



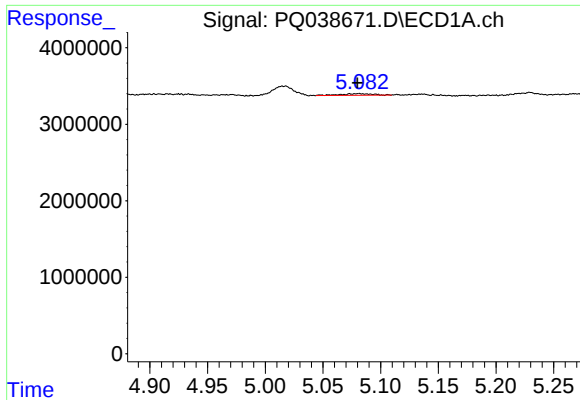
#10 AR-1221-3

R.T.: 5.081 min
Delta R.T.: 0.002 min
Response: 415299
Conc: 2.59 ng/ml



#10 AR-1221-3

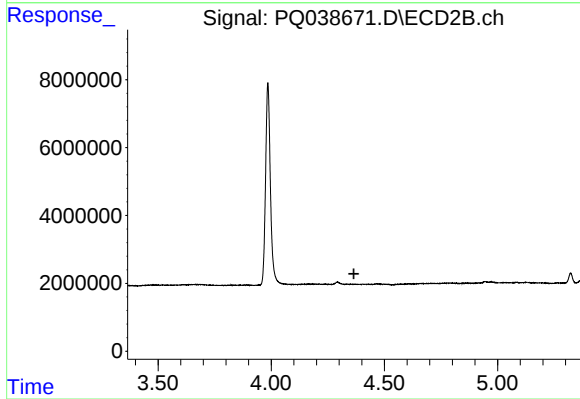
R.T.: 0.000 min
Exp R.T.: 4.365 min
Response: 0
Conc: N.D.



#11 AR-1232-1

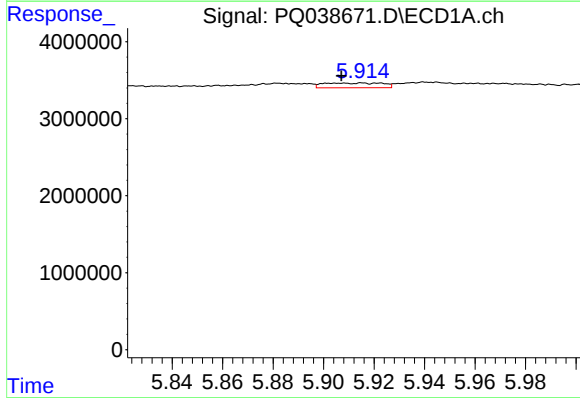
R.T.: 5.081 min
Delta R.T.: 0.001 min
Response: 415299
Conc: 3.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



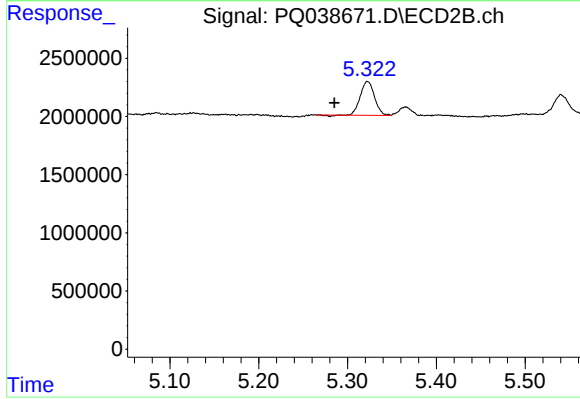
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.365 min
Response: 0
Conc: N.D.



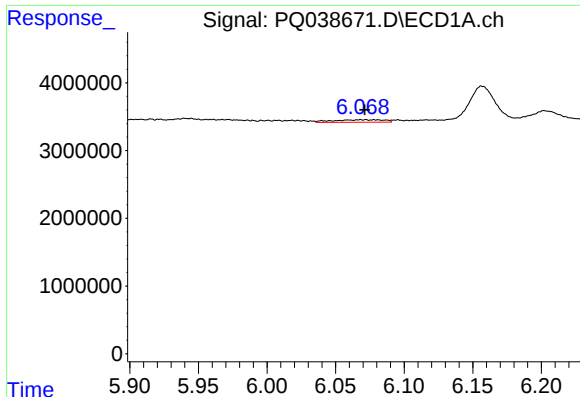
#13 AR-1232-3

R.T.: 5.915 min
Delta R.T.: 0.008 min
Response: 1011627
Conc: 7.87 ng/ml



#13 AR-1232-3

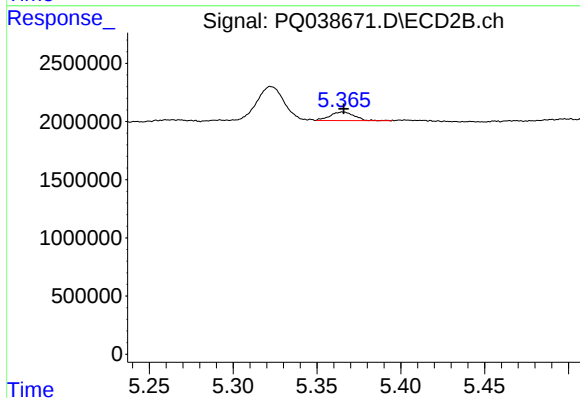
R.T.: 5.323 min
Delta R.T.: 0.037 min
Response: 3212781
Conc: 94.43 ng/ml



#14 AR-1232-4

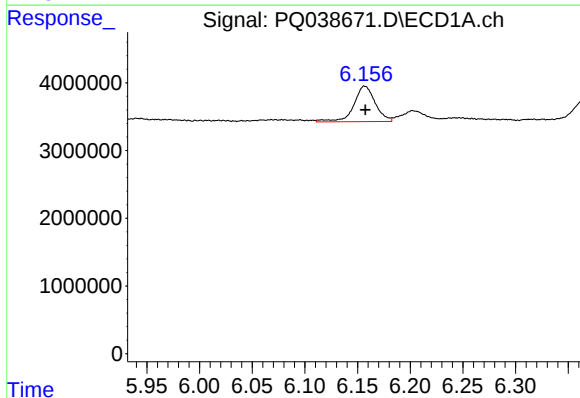
R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 982837
Conc: 15.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



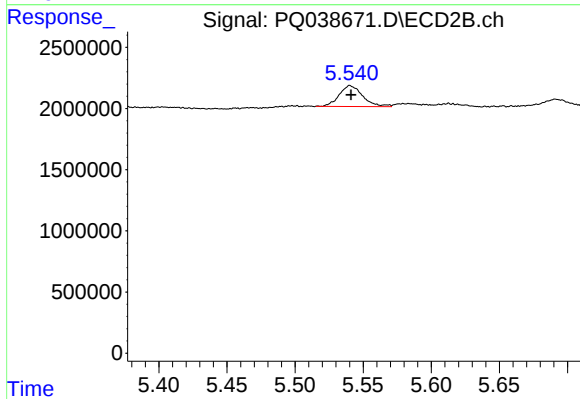
#14 AR-1232-4

R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 736898
Conc: 22.33 ng/ml



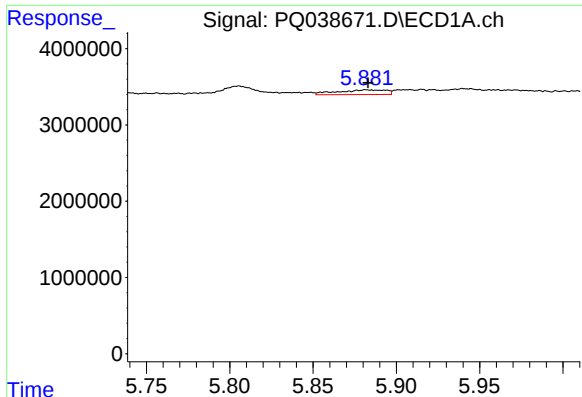
#15 AR-1232-5

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 7463184
Conc: 151.21 ng/ml



#15 AR-1232-5

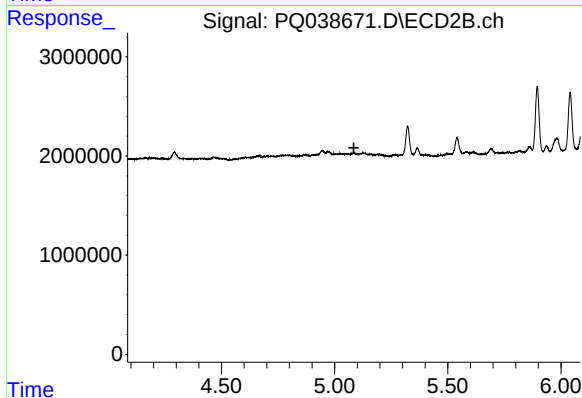
R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 2050562
Conc: 58.98 ng/ml



#16 AR-1242-1

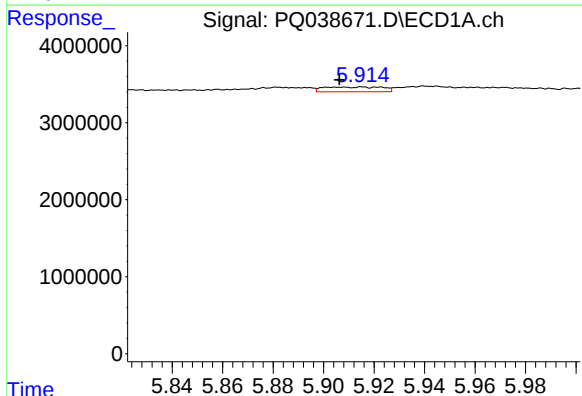
R.T.: 5.882 min
Delta R.T.: -0.001 min
Response: 1222220
Conc: 7.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



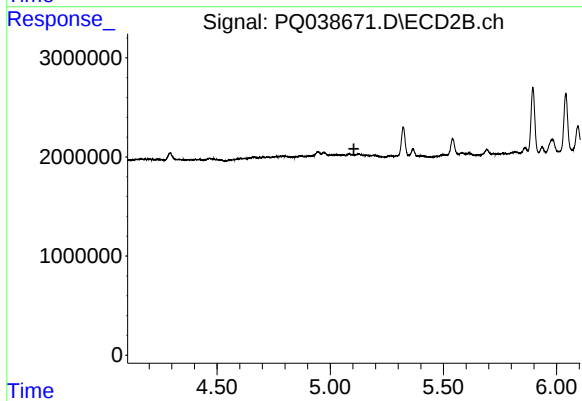
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.085 min
Response: 0
Conc: N.D.



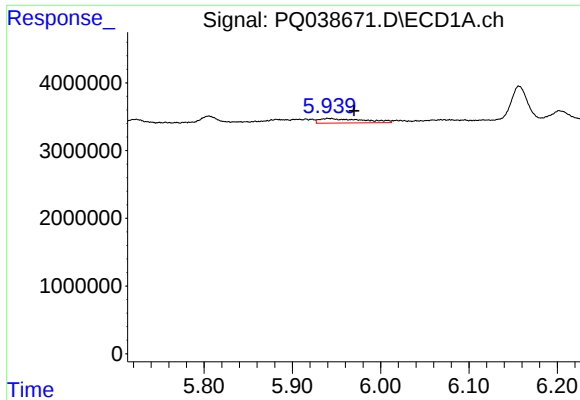
#17 AR-1242-2

R.T.: 5.915 min
Delta R.T.: 0.009 min
Response: 1011627
Conc: 4.29 ng/ml



#17 AR-1242-2

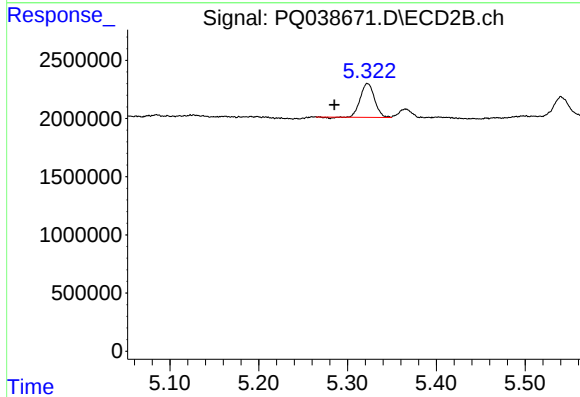
R.T.: 0.000 min
Exp R.T. : 5.105 min
Response: 0
Conc: N.D.



#18 AR-1242-3

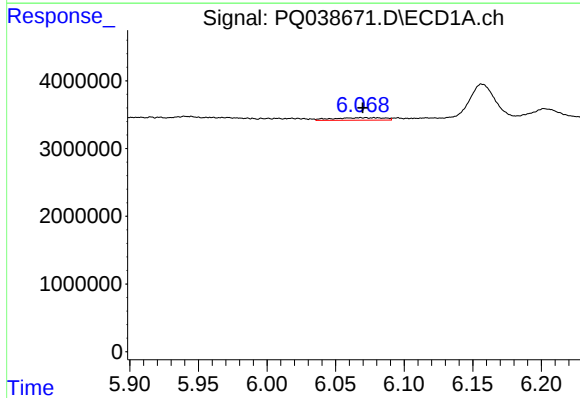
R.T.: 5.941 min
Delta R.T.: -0.029 min
Response: 2359166
Conc: 16.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



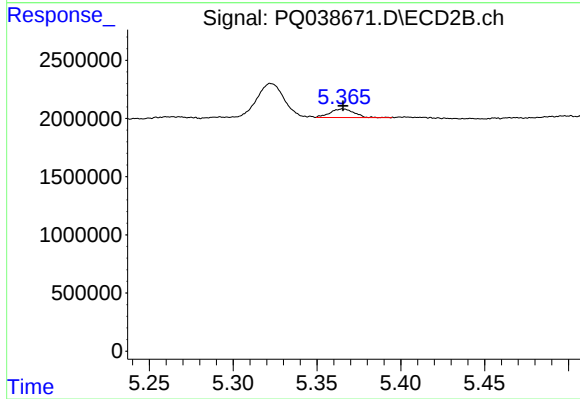
#18 AR-1242-3

R.T.: 5.323 min
Delta R.T.: 0.037 min
Response: 3212781
Conc: 48.27 ng/ml



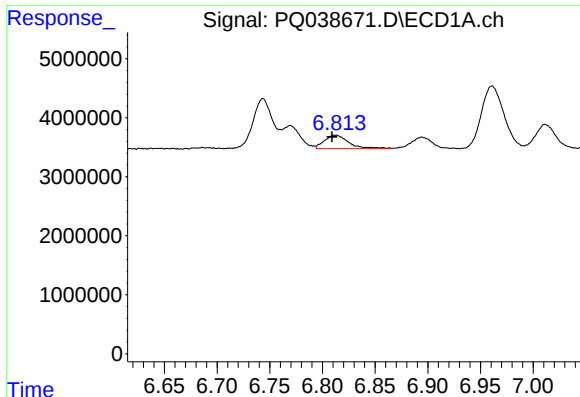
#19 AR-1242-4

R.T.: 6.072 min
Delta R.T.: 0.002 min
Response: 982837
Conc: 8.22 ng/ml



#19 AR-1242-4

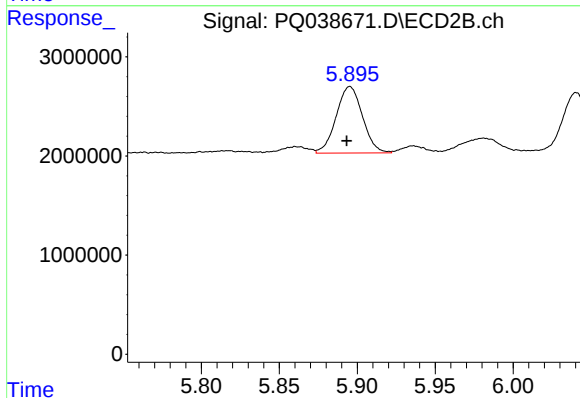
R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 736898
Conc: 10.75 ng/ml



#20 AR-1242-5

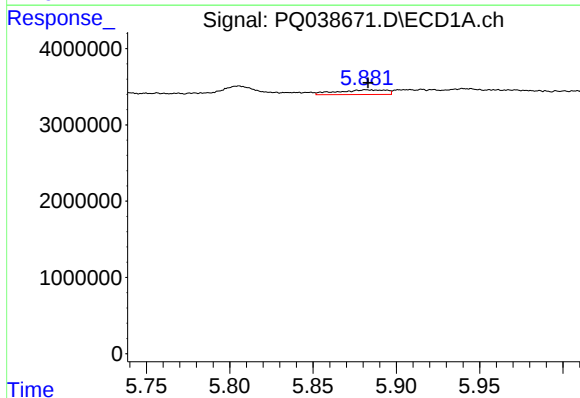
R.T.: 6.813 min
Delta R.T.: 0.003 min
Response: 3704593
Conc: 33.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



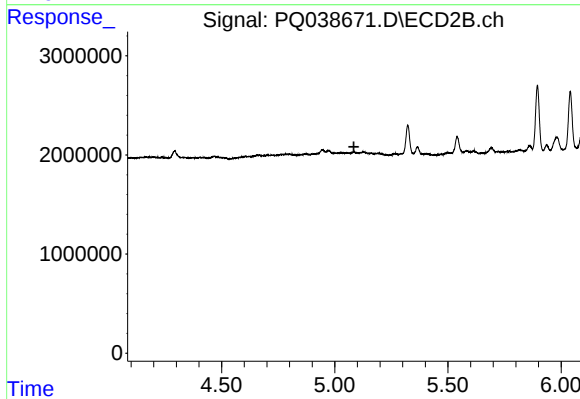
#20 AR-1242-5

R.T.: 5.895 min
Delta R.T.: 0.002 min
Response: 7888951
Conc: 91.16 ng/ml



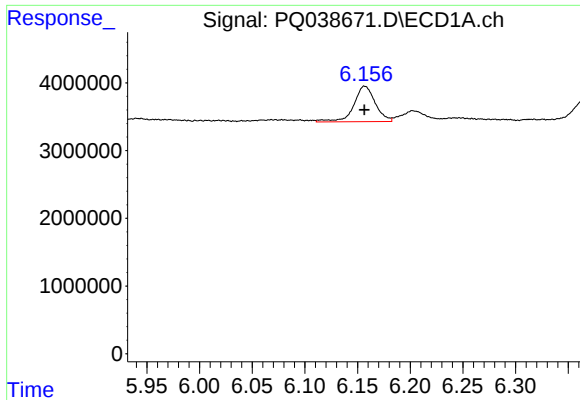
#21 AR-1248-1

R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 1222220
Conc: 10.43 ng/ml



#21 AR-1248-1

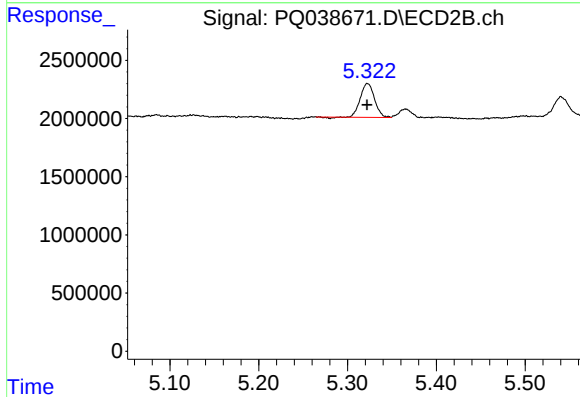
R.T.: 0.000 min
Exp R.T.: 5.085 min
Response: 0
Conc: N.D.



#22 AR-1248-2

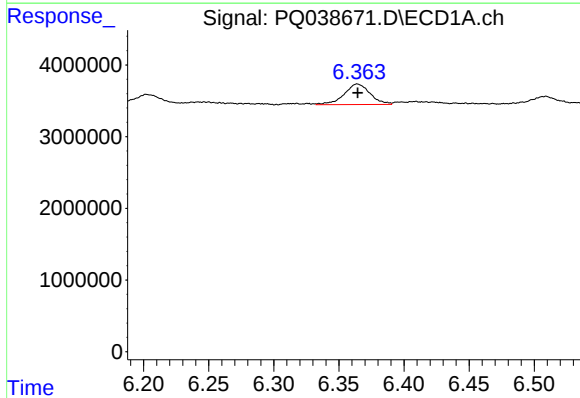
R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 7463184
Conc: 46.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



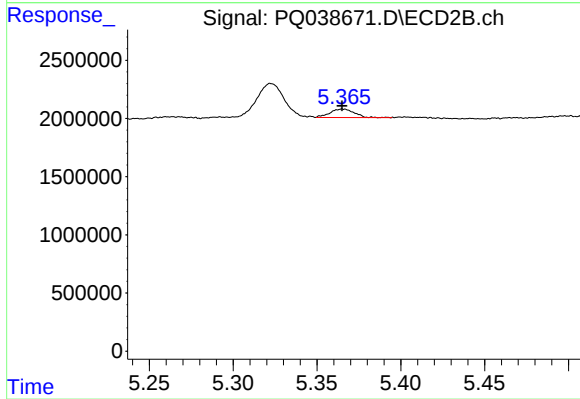
#22 AR-1248-2

R.T.: 5.323 min
Delta R.T.: 0.000 min
Response: 3212781
Conc: 34.97 ng/ml



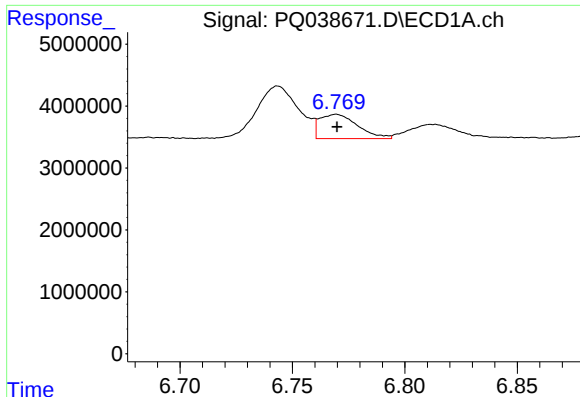
#23 AR-1248-3

R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 3984835
Conc: 23.20 ng/ml



#23 AR-1248-3

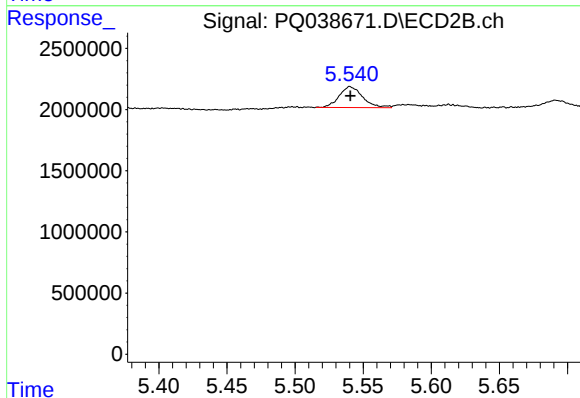
R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 736898
Conc: 7.82 ng/ml



#24 AR-1248-4

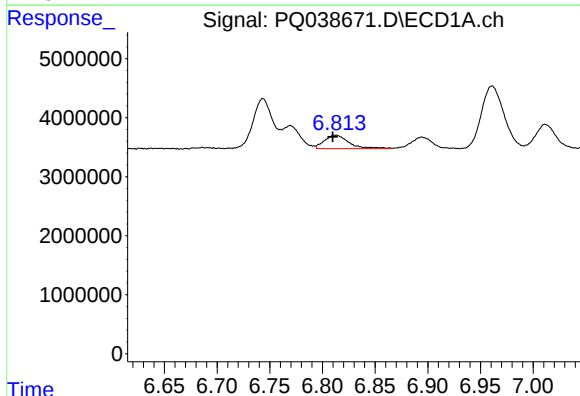
R.T.: 6.769 min
Delta R.T.: 0.000 min
Response: 4615244
Conc: 26.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



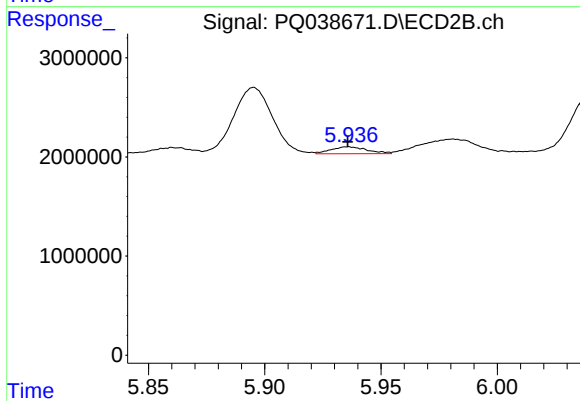
#24 AR-1248-4

R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 2050562
Conc: 17.87 ng/ml



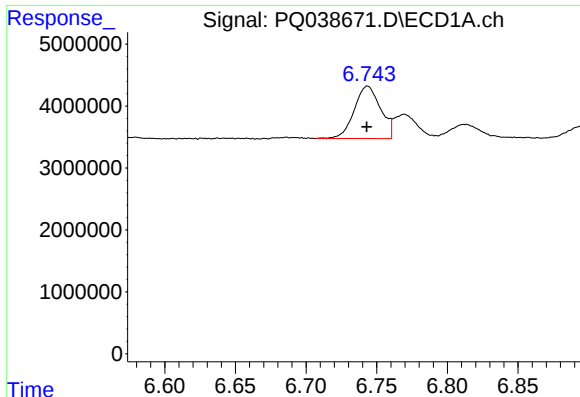
#25 AR-1248-5

R.T.: 6.813 min
Delta R.T.: 0.003 min
Response: 3704593
Conc: 21.84 ng/ml



#25 AR-1248-5

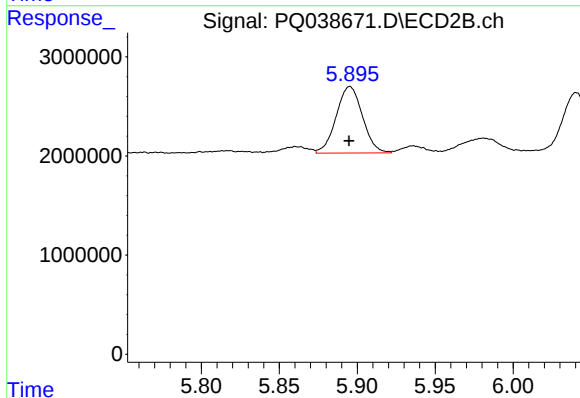
R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 765464
Conc: 7.07 ng/ml



#26 AR-1254-1

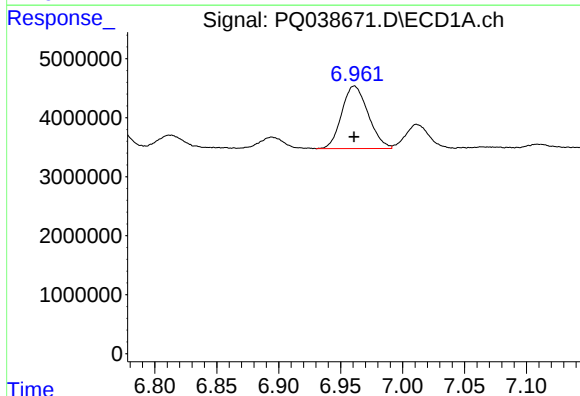
R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 10962356
Conc: 55.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



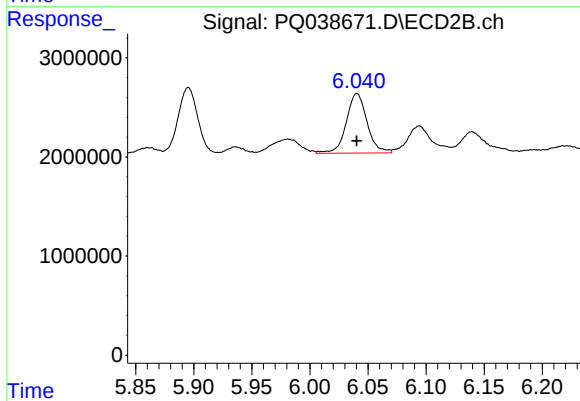
#26 AR-1254-1

R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 7888951
Conc: 42.75 ng/ml



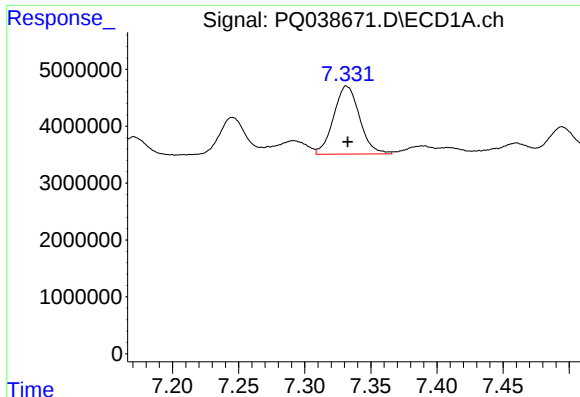
#27 AR-1254-2

R.T.: 6.961 min
Delta R.T.: 0.000 min
Response: 15775137
Conc: 54.36 ng/ml



#27 AR-1254-2

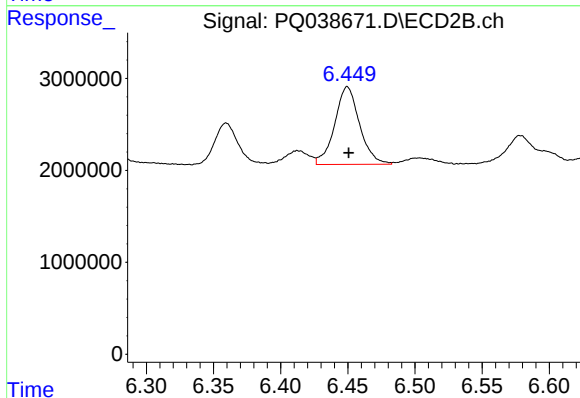
R.T.: 6.040 min
Delta R.T.: 0.000 min
Response: 7495216
Conc: 47.92 ng/ml



#28 AR-1254-3

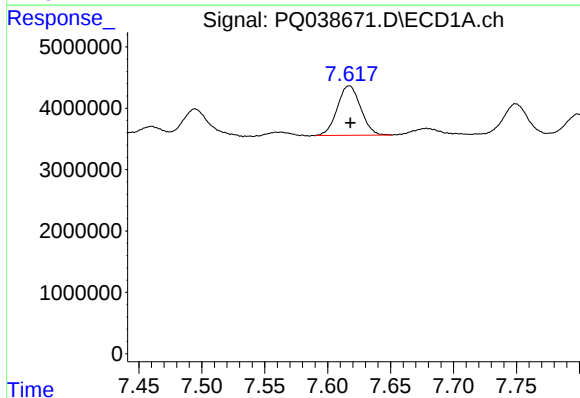
R.T.: 7.332 min
Delta R.T.: 0.000 min
Response: 16336127
Conc: 54.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



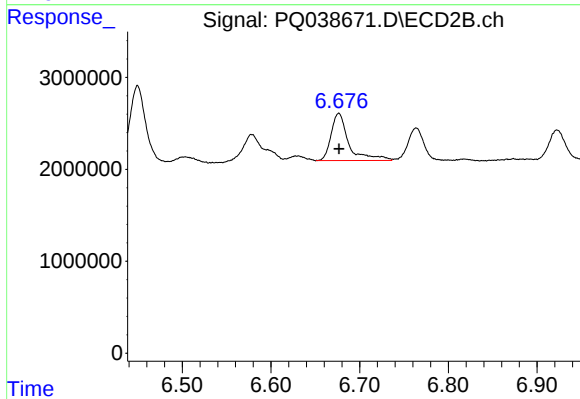
#28 AR-1254-3

R.T.: 6.450 min
Delta R.T.: 0.000 min
Response: 10900916
Conc: 41.99 ng/ml



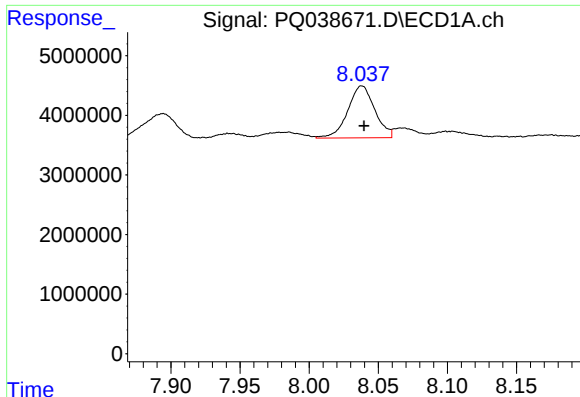
#29 AR-1254-4

R.T.: 7.617 min
Delta R.T.: -0.001 min
Response: 10392402
Conc: 52.20 ng/ml



#29 AR-1254-4

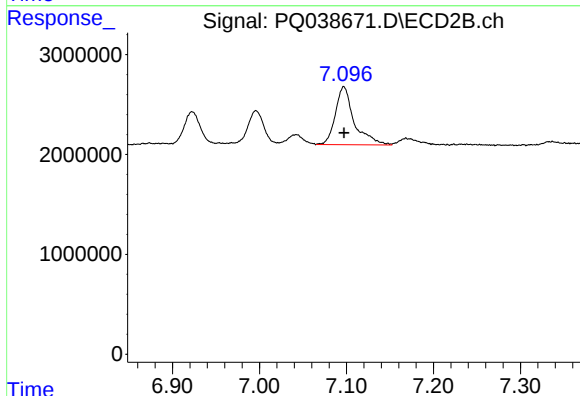
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 7114105
Conc: 41.85 ng/ml



#30 AR-1254-5

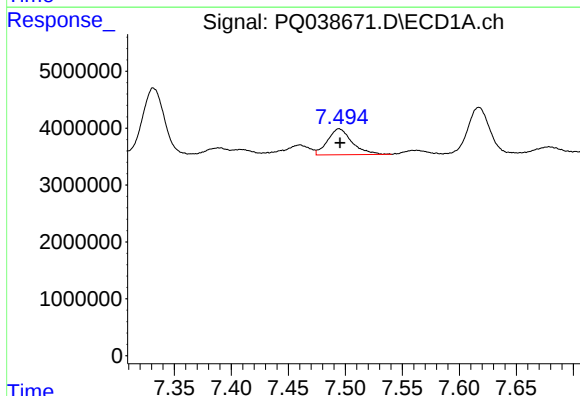
R.T.: 8.038 min
Delta R.T.: -0.001 min
Response: 11859603
Conc: 44.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



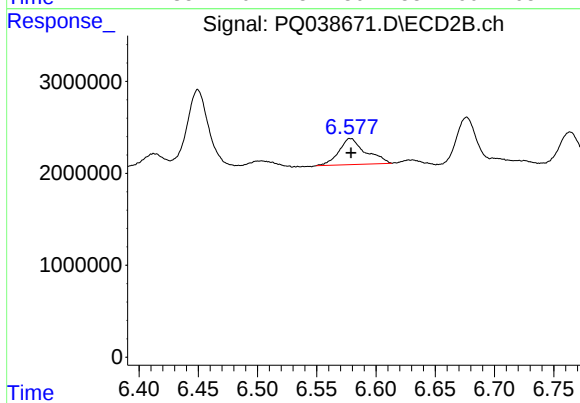
#30 AR-1254-5

R.T.: 7.097 min
Delta R.T.: 0.000 min
Response: 8746356
Conc: 41.46 ng/ml



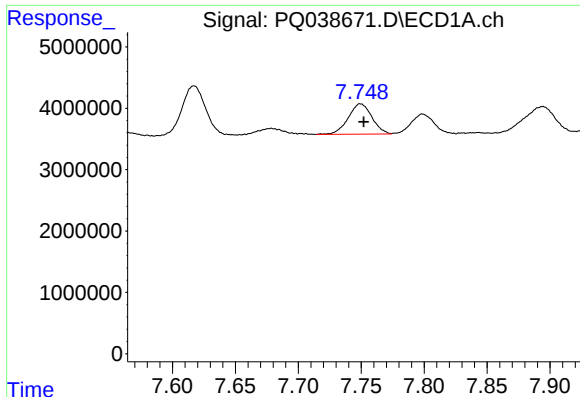
#31 AR-1260-1

R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 6826684
Conc: 26.86 ng/ml



#31 AR-1260-1

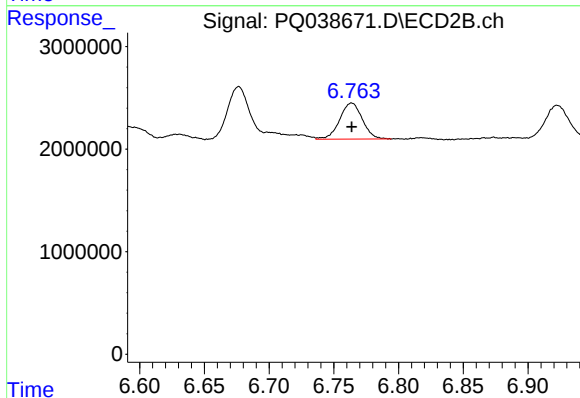
R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 4481331
Conc: 24.81 ng/ml



#32 AR-1260-2

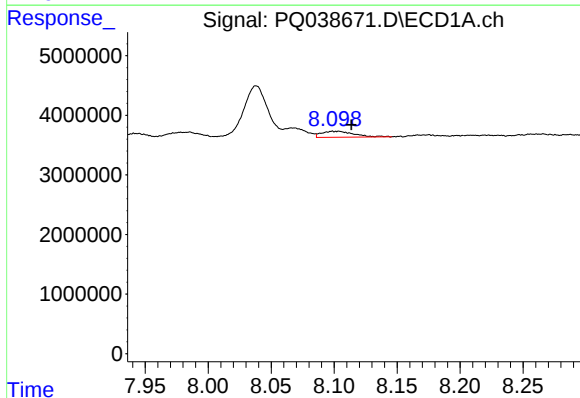
R.T.: 7.750 min
Delta R.T.: -0.002 min
Response: 6465600
Conc: 21.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



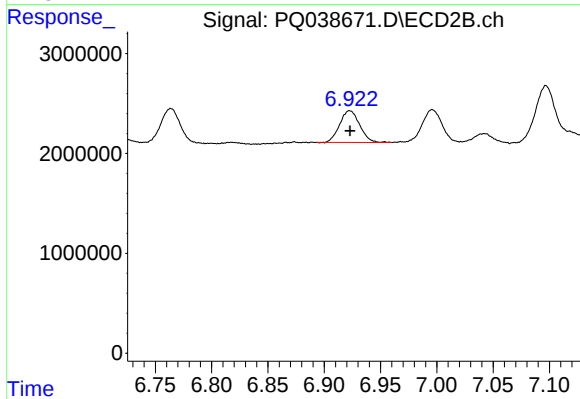
#32 AR-1260-2

R.T.: 6.764 min
Delta R.T.: 0.000 min
Response: 4295025
Conc: 19.74 ng/ml



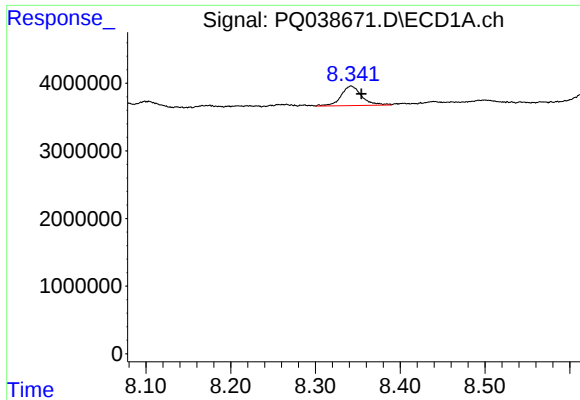
#33 AR-1260-3

R.T.: 8.104 min
Delta R.T.: -0.010 min
Response: 1789021
Conc: 7.81 ng/ml



#33 AR-1260-3

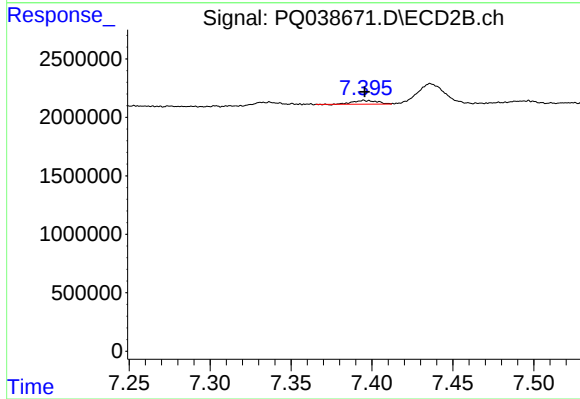
R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 3911421
Conc: 19.19 ng/ml



#34 AR-1260-4

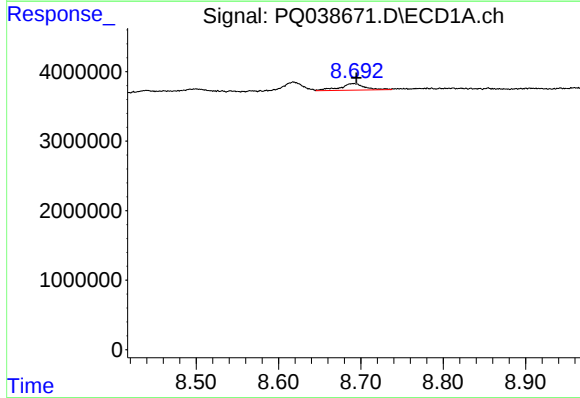
R.T.: 8.342 min
Delta R.T.: -0.012 min
Response: 4864998
Conc: 18.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



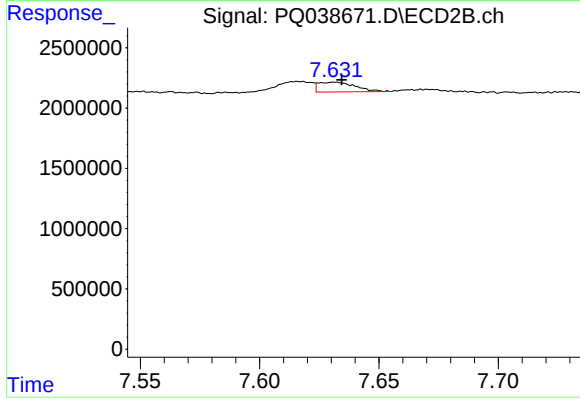
#34 AR-1260-4

R.T.: 7.395 min
Delta R.T.: 0.000 min
Response: 342180
Conc: 2.03 ng/ml



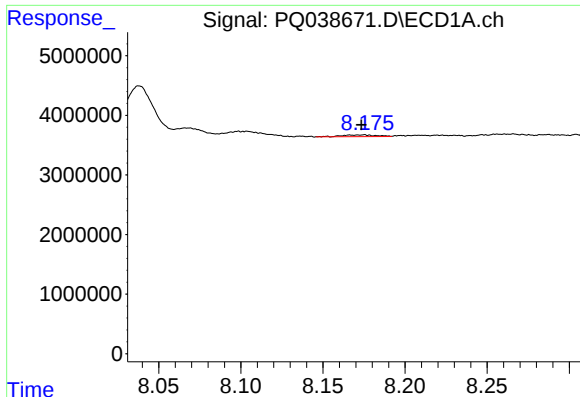
#35 AR-1260-5

R.T.: 8.691 min
Delta R.T.: -0.003 min
Response: 2059704
Conc: 4.05 ng/ml



#35 AR-1260-5

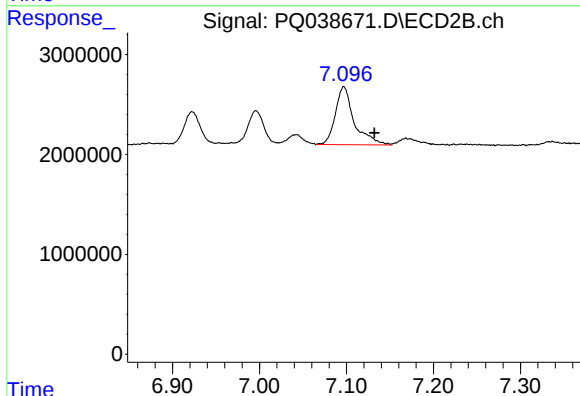
R.T.: 7.631 min
Delta R.T.: -0.003 min
Response: 859175
Conc: 2.13 ng/ml



#36 AR-1262-1

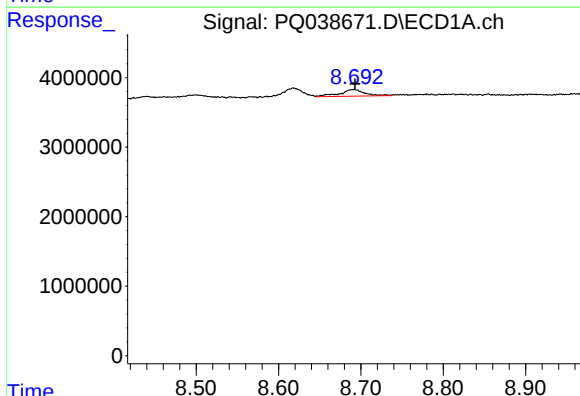
R.T.: 8.175 min
Delta R.T.: 0.002 min
Response: 421573
Conc: 3.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



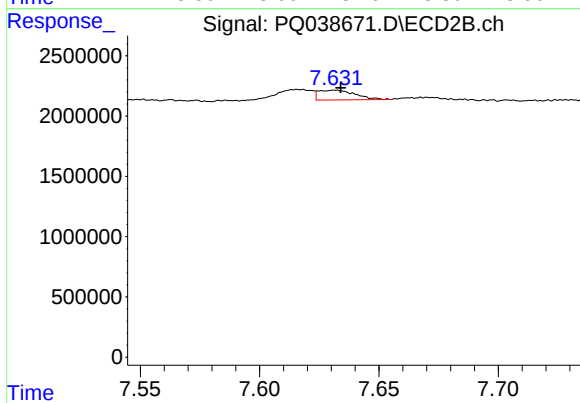
#36 AR-1262-1

R.T.: 7.097 min
Delta R.T.: -0.035 min
Response: 8746356
Conc: 36.57 ng/ml



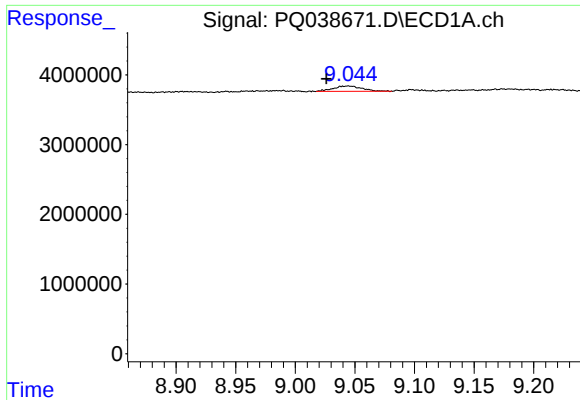
#37 AR-1262-2

R.T.: 8.691 min
Delta R.T.: -0.002 min
Response: 2059704
Conc: 4.00 ng/ml



#37 AR-1262-2

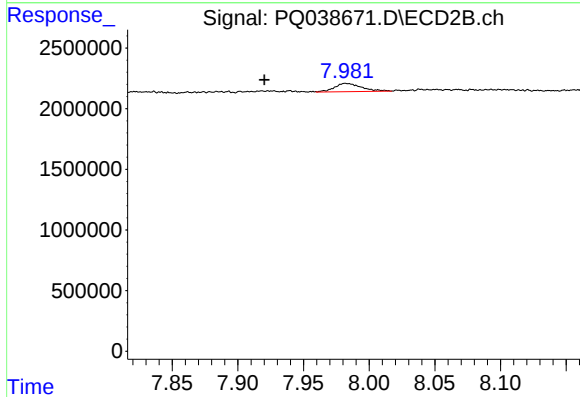
R.T.: 7.631 min
Delta R.T.: -0.003 min
Response: 859175
Conc: 2.04 ng/ml



#38 AR-1262-3

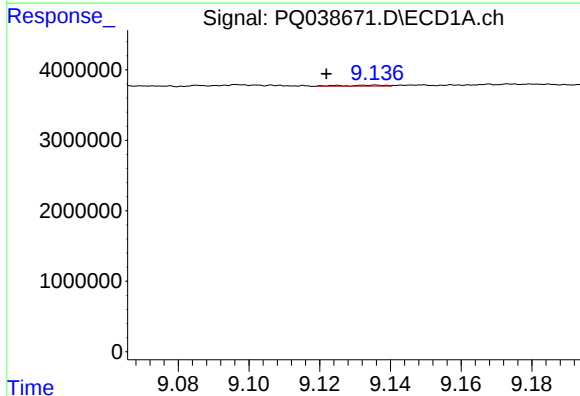
R.T.: 9.044 min
Delta R.T.: 0.018 min
Response: 1285790
Conc: 3.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



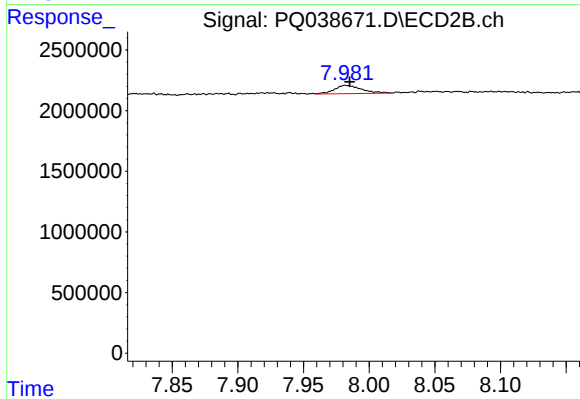
#38 AR-1262-3

R.T.: 7.982 min
Delta R.T.: 0.062 min
Response: 984403
Conc: 6.17 ng/ml



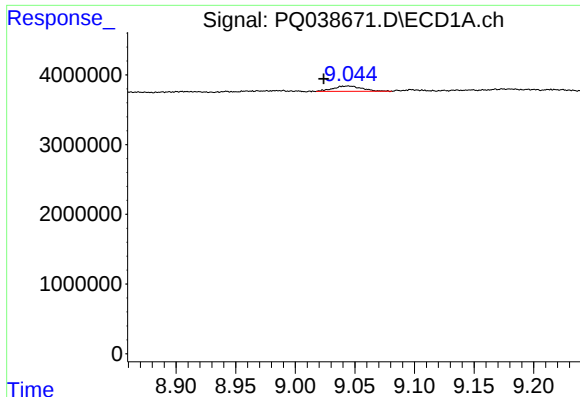
#39 AR-1262-4

R.T.: 9.136 min
Delta R.T.: 0.014 min
Response: 108982
Conc: 0.38 ng/ml



#39 AR-1262-4

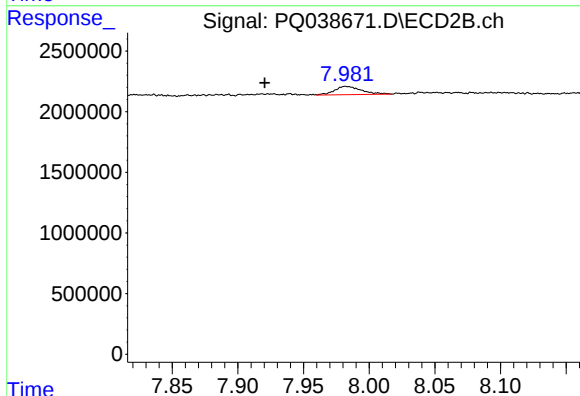
R.T.: 7.982 min
Delta R.T.: -0.003 min
Response: 984403
Conc: 3.23 ng/ml



#41 AR-1268-1

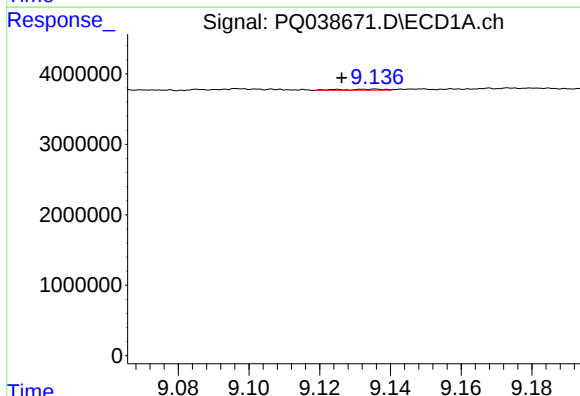
R.T.: 9.044 min
Delta R.T.: 0.020 min
Response: 1285790
Conc: 2.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



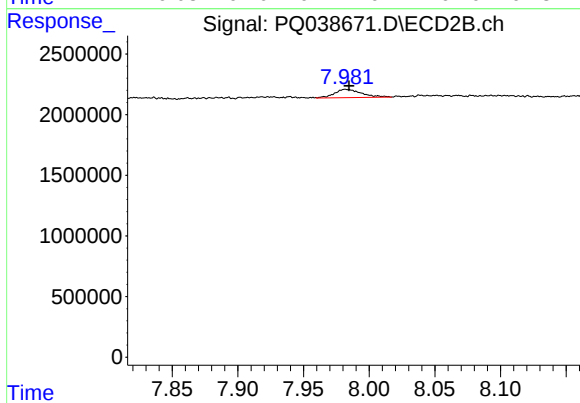
#41 AR-1268-1

R.T.: 7.982 min
Delta R.T.: 0.062 min
Response: 984403
Conc: 2.08 ng/ml



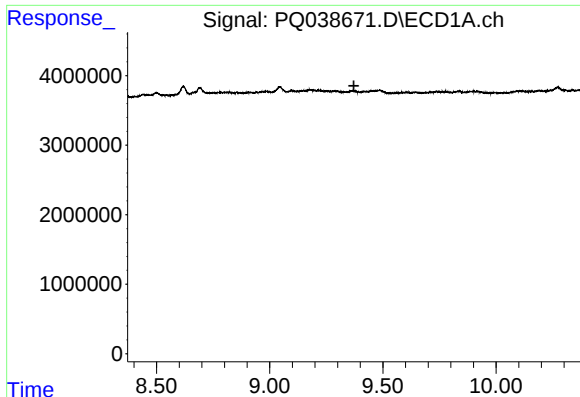
#42 AR-1268-2

R.T.: 9.136 min
Delta R.T.: 0.009 min
Response: 108982
Conc: 0.18 ng/ml



#42 AR-1268-2

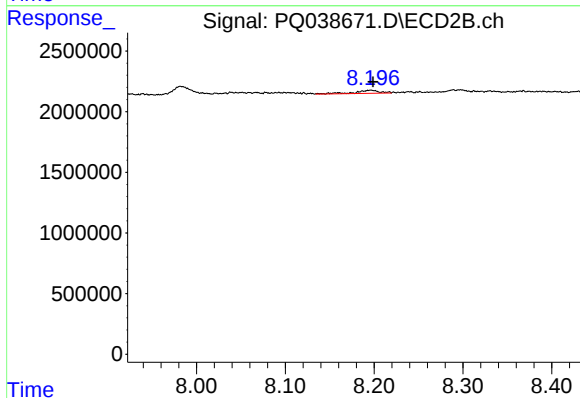
R.T.: 7.982 min
Delta R.T.: -0.002 min
Response: 984403
Conc: 2.26 ng/ml



#43 AR-1268-3

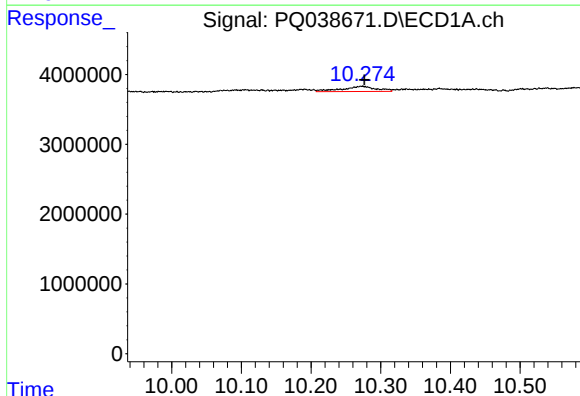
R.T.: 0.000 min
Exp R.T.: 9.372 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



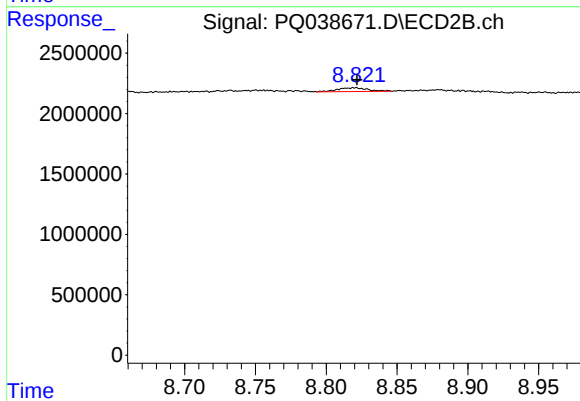
#43 AR-1268-3

R.T.: 8.196 min
Delta R.T.: -0.002 min
Response: 486454
Conc: 1.36 ng/ml



#45 AR-1268-5

R.T.: 10.273 min
Delta R.T.: -0.003 min
Response: 2583002
Conc: 1.50 ng/ml



#45 AR-1268-5

R.T.: 8.820 min
Delta R.T.: -0.001 min
Response: 468711
Conc: 0.41 ng/ml