

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082219\
 Data File : PQ042699.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2019 03:01
 Operator : SM\AJ
 Sample : K4456-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETQ24

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 08:45:53 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 21 06:41:55 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	5.627	4.690	72733121	64593159	24.503	25.774
2)	SA Decachlor...	11.979	10.420	290.8E6	243.2E6	38.521	39.819
Target Compounds							
3)	L1 AR-1016-1	7.066	6.162	202163	2006020	1.661	17.421 #
4)	L1 AR-1016-2	7.084	6.162	4715718	2006020	25.624	12.496 #
5)	L1 AR-1016-3	7.134	6.366	1466740	5139715	11.796	59.944 #
6)	L1 AR-1016-4	7.248	6.366	23648809	5139715	267.630	71.178 #
7)	L1 AR-1016-5	7.611	6.684	187647	5519668	2.219	61.627 #
9)	L2 AR-1221-2	6.019	5.108	176965	1073152	7.264	44.593 #
10)	L2 AR-1221-3	0.000	5.215	0	758825	N.D.	9.188 #
11)	L3 AR-1232-1	0.000	5.215	0	758825	N.D.	11.264 #
12)	L3 AR-1232-2	6.719	6.162	3812263	2006020	103.571	26.260 #
13)	L3 AR-1232-3	7.084	6.366	4715718	5139715	56.411	126.670 #
14)	L3 AR-1232-4	7.248	6.504	23648809	6960494	580.010	174.964 #
15)	L3 AR-1232-5	7.386	6.684	3036019	5519668	124.127	139.192
16)	L4 AR-1242-1	7.066	6.162	202163	2006020	1.937	19.419 #
17)	L4 AR-1242-2	7.084	6.162	4715718	2006020	30.958	14.156 #
18)	L4 AR-1242-3	7.134	6.366	1466740	5139715	14.392	67.911 #
19)	L4 AR-1242-4	7.248	6.504	23648809	6960494	307.483	90.898 #
20)	L4 AR-1242-5	8.130	7.097	2247401	33446195	23.819	298.371 #
21)	L5 AR-1248-1	7.066	6.162	202163	2006020	2.425	24.404 #
22)	L5 AR-1248-2	7.386	6.366	3036019	5139715	29.727	46.655 #
23)	L5 AR-1248-3	7.611	6.504	187647	6960494	1.479	61.763 #
24)	L5 AR-1248-4	8.064	6.684	115.1E6	5519668	694.117	40.403 #
25)	L5 AR-1248-5	8.130	7.140	2247401	5566348	14.116	35.359 #
26)	L6 AR-1254-1	8.009	7.097	5538298	33446195	37.745	148.225 #
27)	L6 AR-1254-2	8.277	7.255	39427635	5889711	164.367	29.127 #
28)	L6 AR-1254-3	8.675	7.726	33648505	16821622	118.027	47.769 #
29)	L6 AR-1254-4	8.966	7.999	2319789	19181006	9.729	74.748 #
30)	L6 AR-1254-5	9.426	8.397	30432683	23890197	117.865	65.746 #
31)	L7 AR-1260-1	8.836	7.847	4080377	6623698	23.145	32.465 #
32)	L7 AR-1260-2	9.103	8.048	93880394	9785869	390.583	36.531 #
33)	L7 AR-1260-3	9.479	8.213	3006808	4738830	13.907	19.881 #
34)	L7 AR-1260-4	9.724	8.711	5542166	4880738	22.824	21.528
35)	L7 AR-1260-5	10.065	8.963	10684842	12857826	17.998	20.646
36)	L8 AR-1262-1	9.540	8.509	4176340	7784173	28.975	45.473 #
37)	L8 AR-1262-2	10.065	8.963	10684842	12857826	14.201	15.391
38)	L8 AR-1262-3	10.397	9.255	7056629	8824437	13.121	24.827 #
39)	L8 AR-1262-4	10.495	9.321	9084576	11156336	20.897	17.302
40)	L8 AR-1262-5	11.190	9.840	4524733	10473699	13.191	33.109 #
41)	L9 AR-1268-1	10.397	9.255	7056629	8824437	7.380	8.790
42)	L9 AR-1268-2	10.495	9.321	9084576	11156336	9.754	11.881
43)	L9 AR-1268-3	10.733	9.532	9523488	15566950	11.753	19.544 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082219\
 Data File : PQ042699.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2019 03:01
 Operator : SM\AJ
 Sample : K4456-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

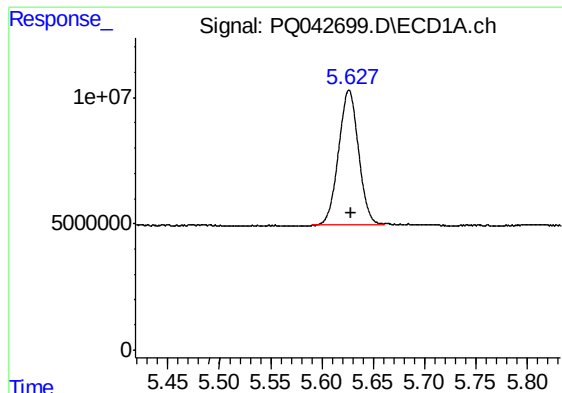
Instrument :
 ECD_Q
 ClientSampleId :
 ETQ24

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 08:45:53 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 21 06:41:55 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	11.190	9.840	4524733	10473699	12.194	30.604 #
45) L9	AR-1268-5	11.624	10.150	17646332	14639205	6.235	5.711

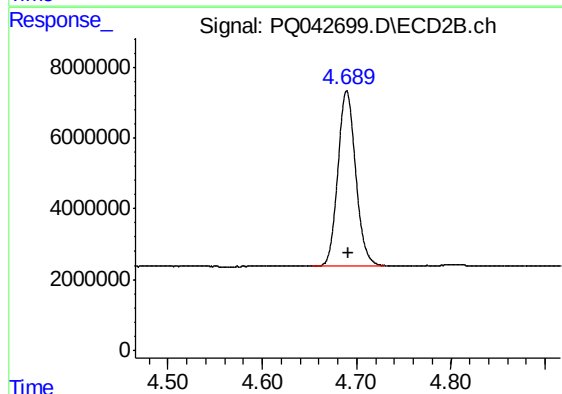
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

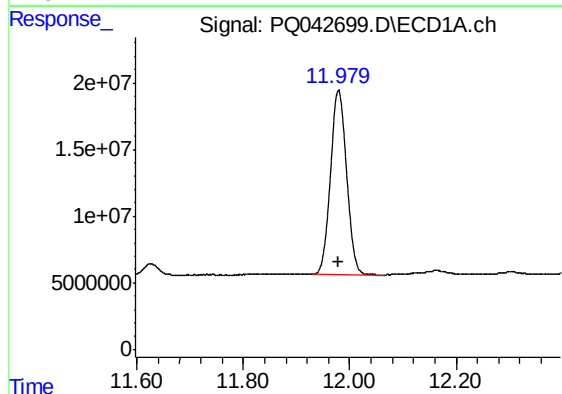
R.T.: 5.627 min
Delta R.T.: -0.002 min
Response: 72733121
Conc: 24.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ24



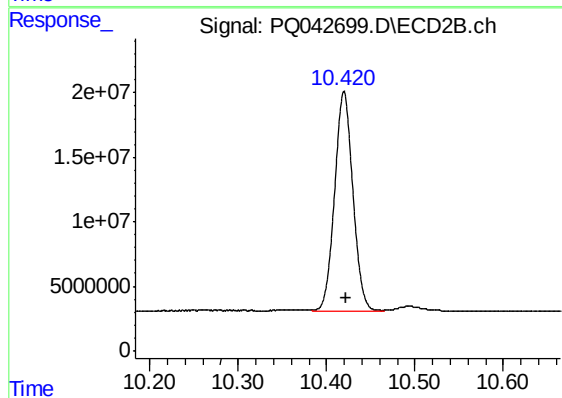
#1 Tetrachloro-m-xylene

R.T.: 4.690 min
Delta R.T.: -0.002 min
Response: 64593159
Conc: 25.77 ng/ml



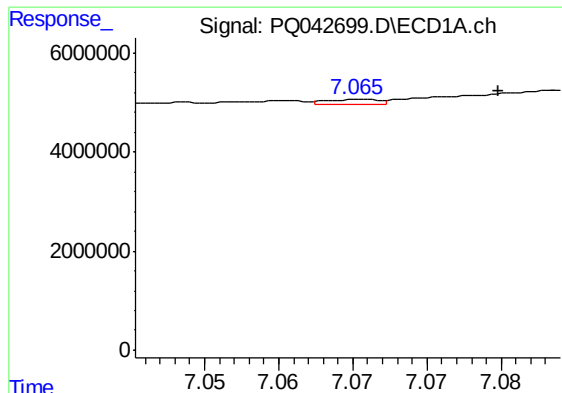
#2 Decachlorobiphenyl

R.T.: 11.979 min
Delta R.T.: 0.000 min
Response: 290784868
Conc: 38.52 ng/ml



#2 Decachlorobiphenyl

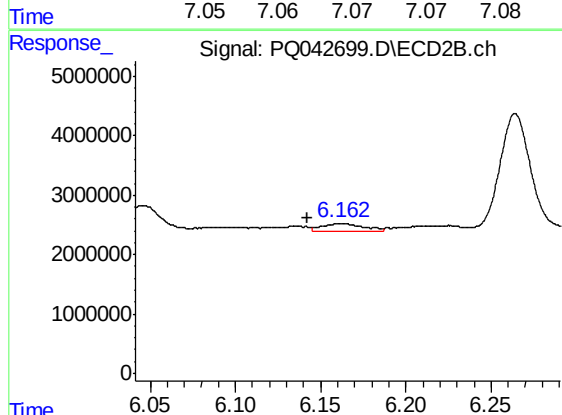
R.T.: 10.420 min
Delta R.T.: -0.002 min
Response: 243153228
Conc: 39.82 ng/ml



#3 AR-1016-1

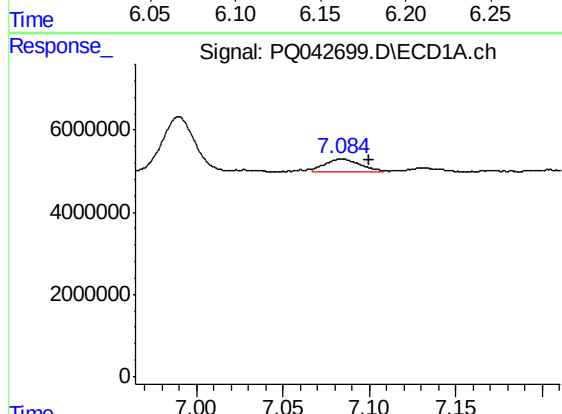
R.T.: 7.066 min
Delta R.T.: -0.009 min
Response: 202163
Conc: 1.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ24



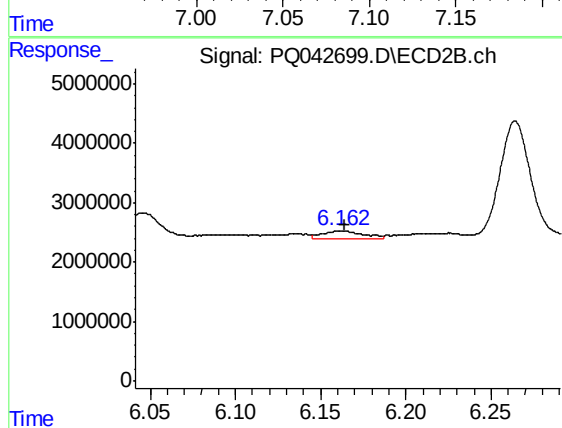
#3 AR-1016-1

R.T.: 6.162 min
Delta R.T.: 0.020 min
Response: 2006020
Conc: 17.42 ng/ml



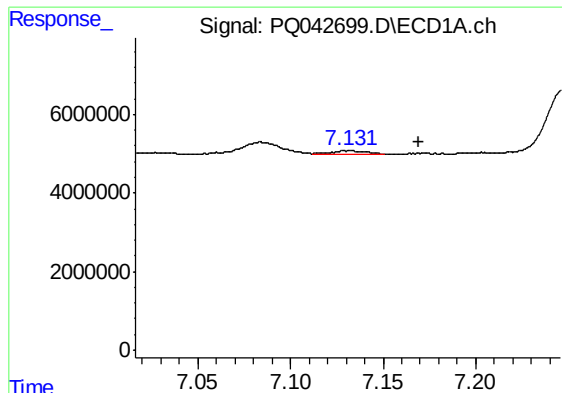
#4 AR-1016-2

R.T.: 7.084 min
Delta R.T.: -0.016 min
Response: 4715718
Conc: 25.62 ng/ml



#4 AR-1016-2

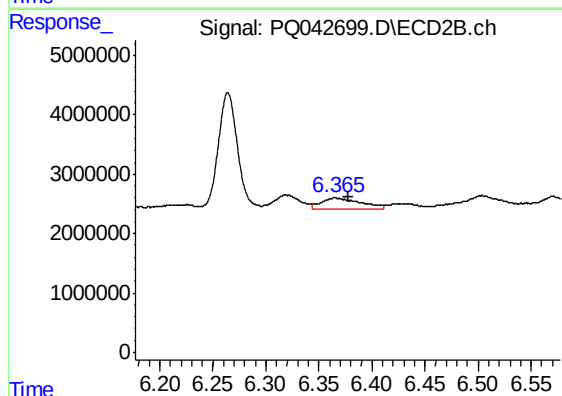
R.T.: 6.162 min
Delta R.T.: -0.002 min
Response: 2006020
Conc: 12.50 ng/ml



#5 AR-1016-3

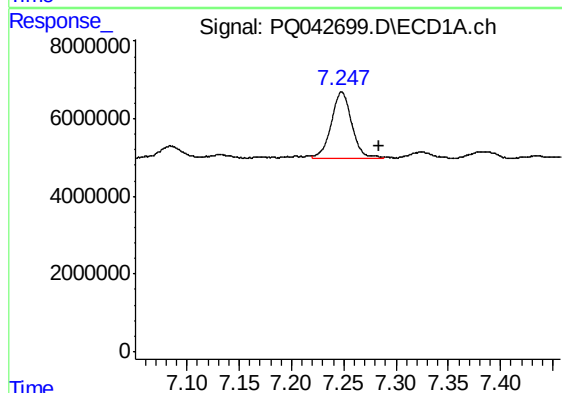
R.T.: 7.134 min
Delta R.T.: -0.036 min
Response: 1466740
Conc: 11.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ24



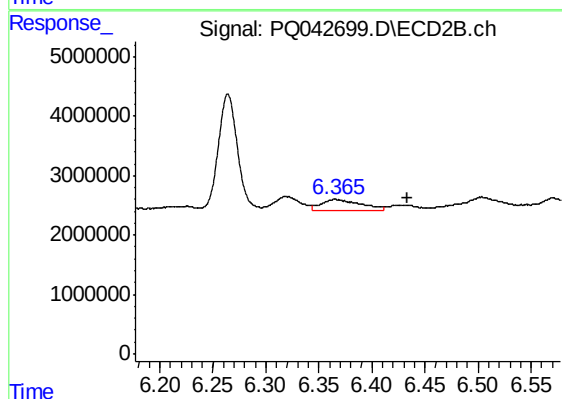
#5 AR-1016-3

R.T.: 6.366 min
Delta R.T.: -0.013 min
Response: 5139715
Conc: 59.94 ng/ml



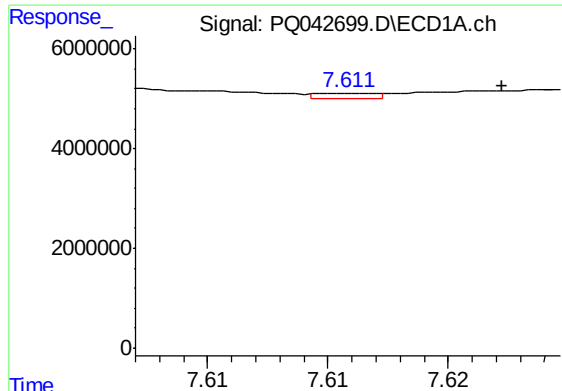
#6 AR-1016-4

R.T.: 7.248 min
Delta R.T.: -0.036 min
Response: 23648809
Conc: 267.63 ng/ml



#6 AR-1016-4

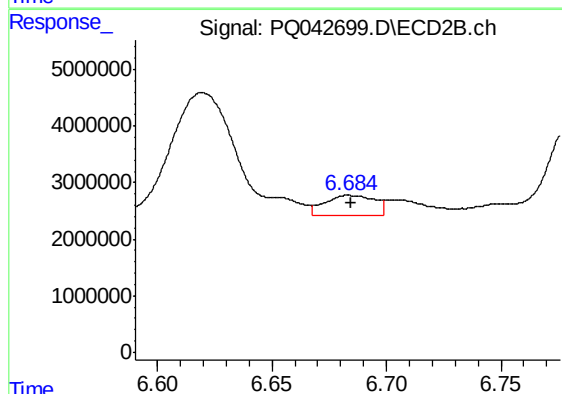
R.T.: 6.366 min
Delta R.T.: -0.068 min
Response: 5139715
Conc: 71.18 ng/ml



#7 AR-1016-5

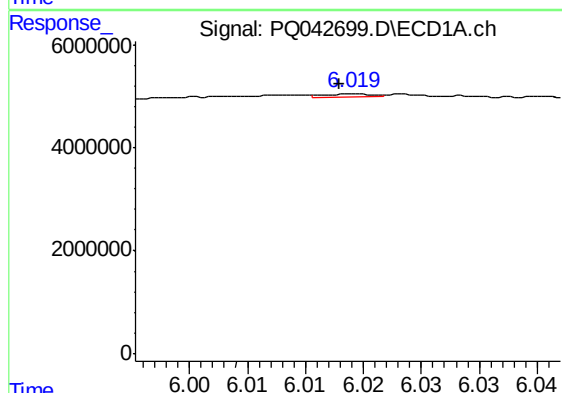
R.T.: 7.611 min
Delta R.T.: -0.006 min
Response: 187647
Conc: 2.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ24



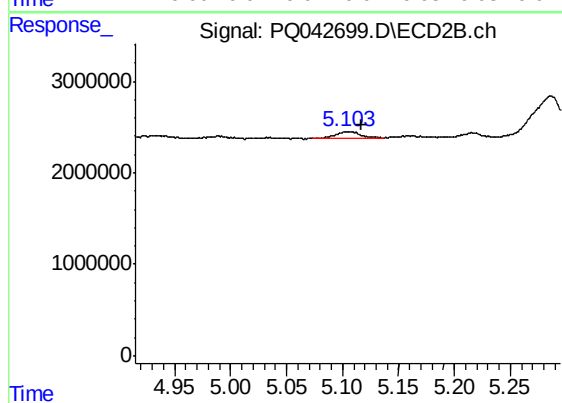
#7 AR-1016-5

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 5519668
Conc: 61.63 ng/ml



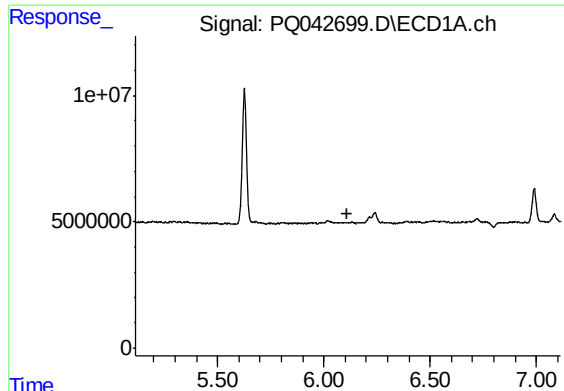
#9 AR-1221-2

R.T.: 6.019 min
Delta R.T.: 0.001 min
Response: 176965
Conc: 7.26 ng/ml



#9 AR-1221-2

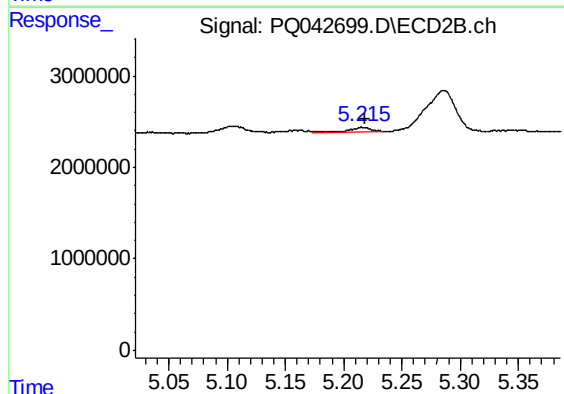
R.T.: 5.108 min
Delta R.T.: -0.008 min
Response: 1073152
Conc: 44.59 ng/ml



#10 AR-1221-3

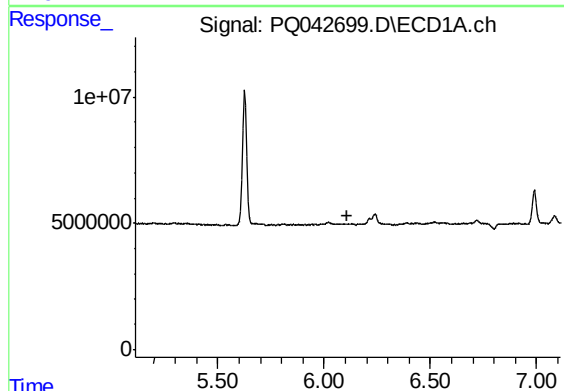
R.T.: 0.000 min
Exp R.T. : 6.114 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ24



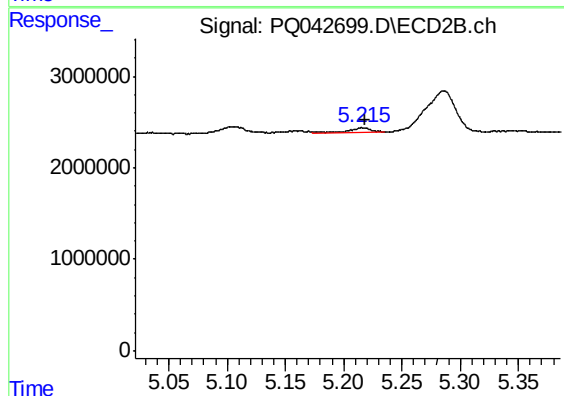
#10 AR-1221-3

R.T.: 5.215 min
Delta R.T.: -0.003 min
Response: 758825
Conc: 9.19 ng/ml



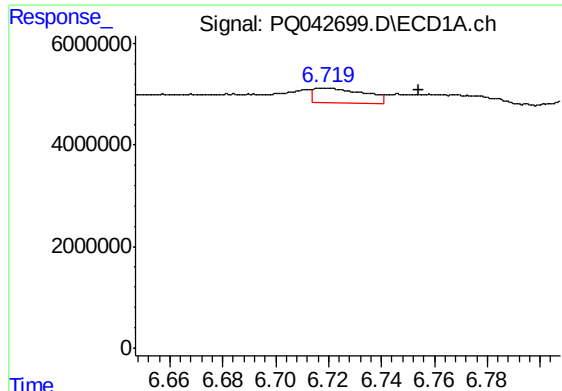
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 6.112 min
Response: 0
Conc: N.D.



#11 AR-1232-1

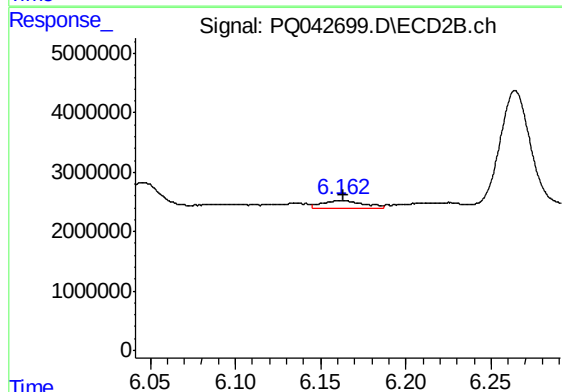
R.T.: 5.215 min
Delta R.T.: -0.003 min
Response: 758825
Conc: 11.26 ng/ml



#12 AR-1232-2

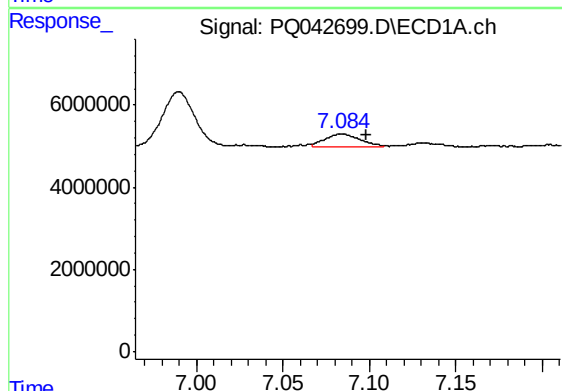
R.T.: 6.719 min
Delta R.T.: -0.035 min
Response: 3812263
Conc: 103.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ24



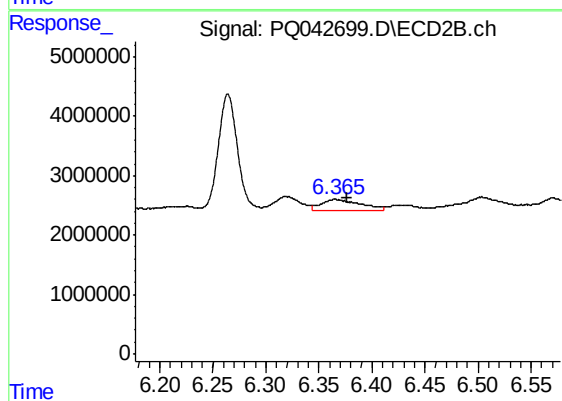
#12 AR-1232-2

R.T.: 6.162 min
Delta R.T.: -0.001 min
Response: 2006020
Conc: 26.26 ng/ml



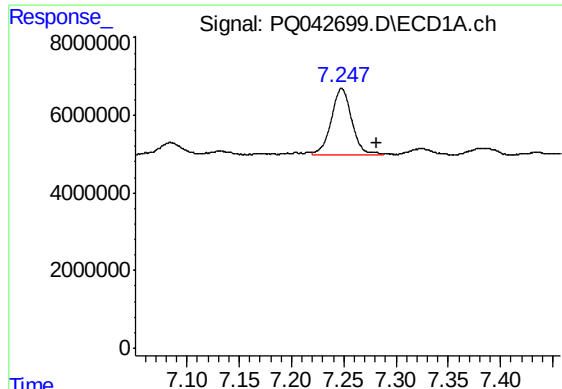
#13 AR-1232-3

R.T.: 7.084 min
Delta R.T.: -0.014 min
Response: 4715718
Conc: 56.41 ng/ml



#13 AR-1232-3

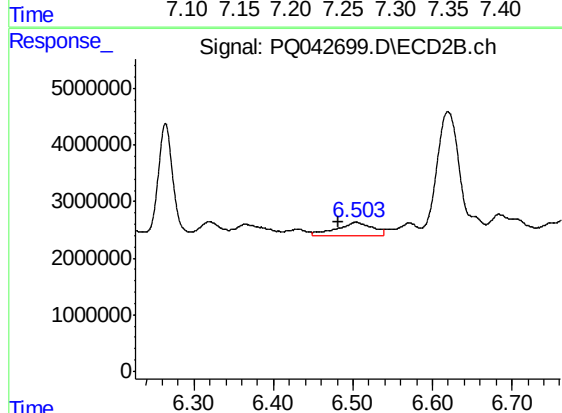
R.T.: 6.366 min
Delta R.T.: -0.011 min
Response: 5139715
Conc: 126.67 ng/ml



#14 AR-1232-4

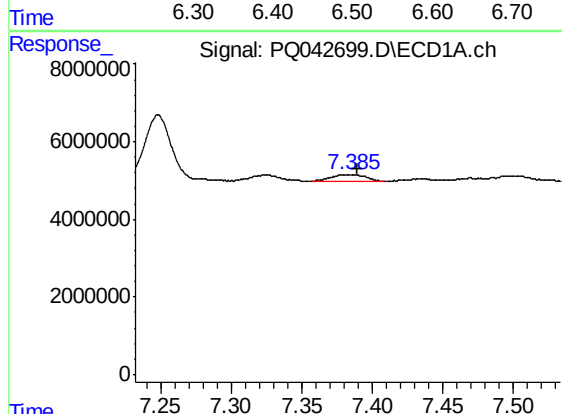
R.T.: 7.248 min
Delta R.T.: -0.034 min
Response: 23648809
Conc: 580.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ24



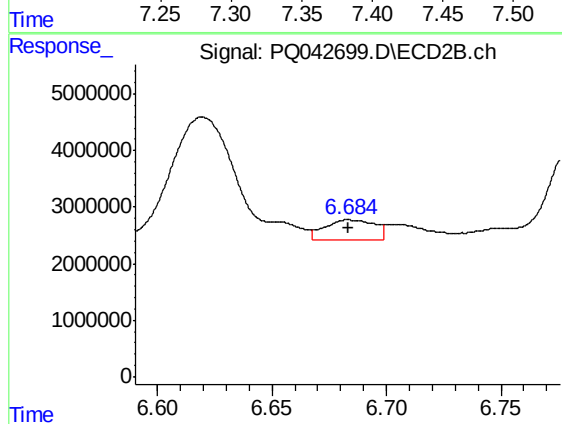
#14 AR-1232-4

R.T.: 6.504 min
Delta R.T.: 0.023 min
Response: 6960494
Conc: 174.96 ng/ml



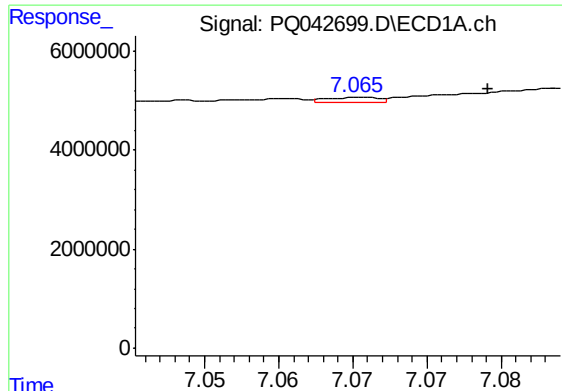
#15 AR-1232-5

R.T.: 7.386 min
Delta R.T.: -0.004 min
Response: 3036019
Conc: 124.13 ng/ml



#15 AR-1232-5

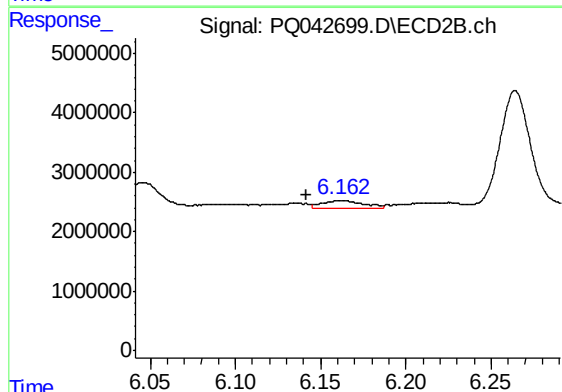
R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 5519668
Conc: 139.19 ng/ml



#16 AR-1242-1

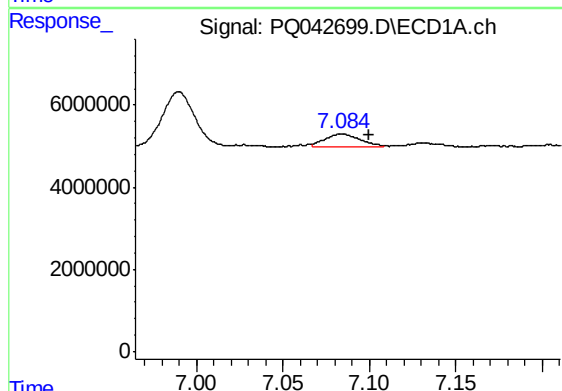
R.T.: 7.066 min
Delta R.T.: -0.008 min
Response: 202163
Conc: 1.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ24



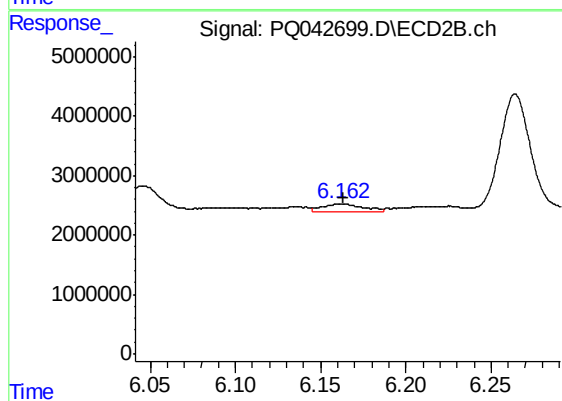
#16 AR-1242-1

R.T.: 6.162 min
Delta R.T.: 0.021 min
Response: 2006020
Conc: 19.42 ng/ml



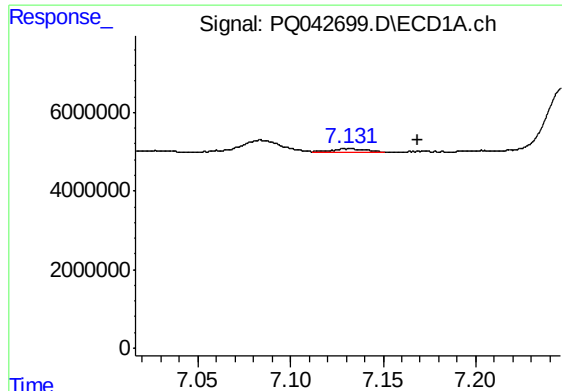
#17 AR-1242-2

R.T.: 7.084 min
Delta R.T.: -0.016 min
Response: 4715718
Conc: 30.96 ng/ml



#17 AR-1242-2

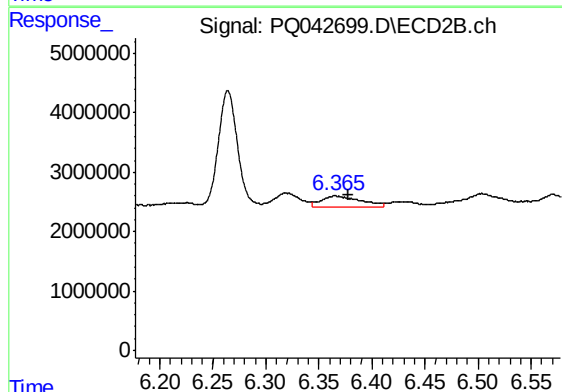
R.T.: 6.162 min
Delta R.T.: -0.001 min
Response: 2006020
Conc: 14.16 ng/ml



#18 AR-1242-3

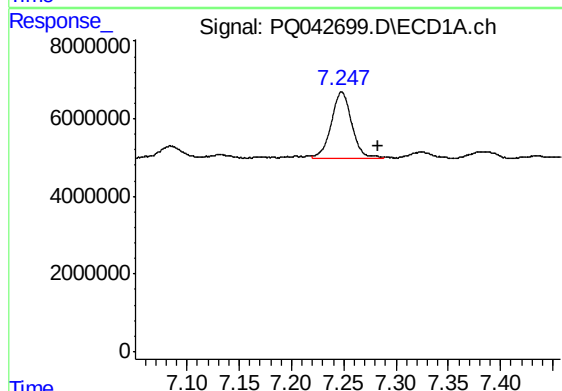
R.T.: 7.134 min
Delta R.T.: -0.035 min
Response: 1466740
Conc: 14.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ24



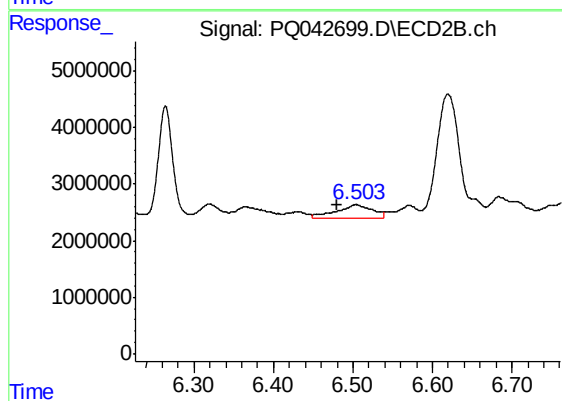
#18 AR-1242-3

R.T.: 6.366 min
Delta R.T.: -0.012 min
Response: 5139715
Conc: 67.91 ng/ml



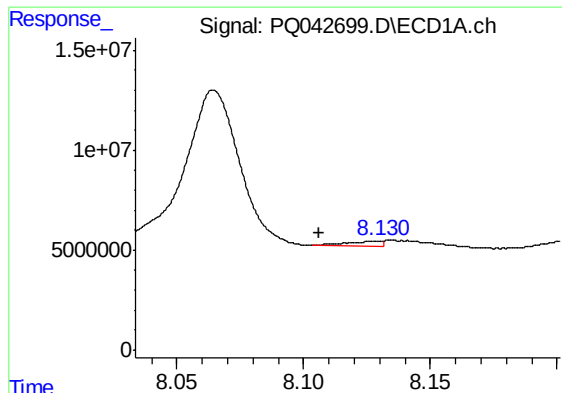
#19 AR-1242-4

R.T.: 7.248 min
Delta R.T.: -0.036 min
Response: 23648809
Conc: 307.48 ng/ml



#19 AR-1242-4

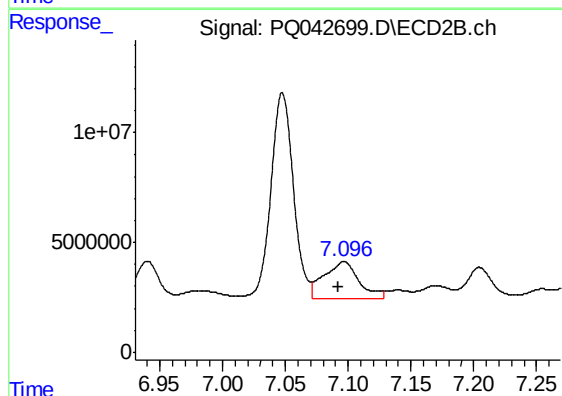
R.T.: 6.504 min
Delta R.T.: 0.023 min
Response: 6960494
Conc: 90.90 ng/ml



#20 AR-1242-5

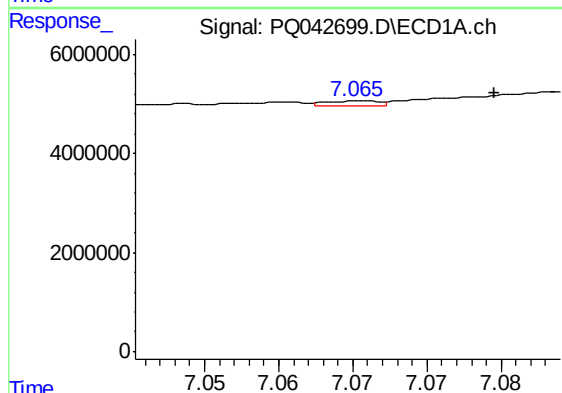
R.T.: 8.130 min
Delta R.T.: 0.024 min
Response: 2247401
Conc: 23.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ24



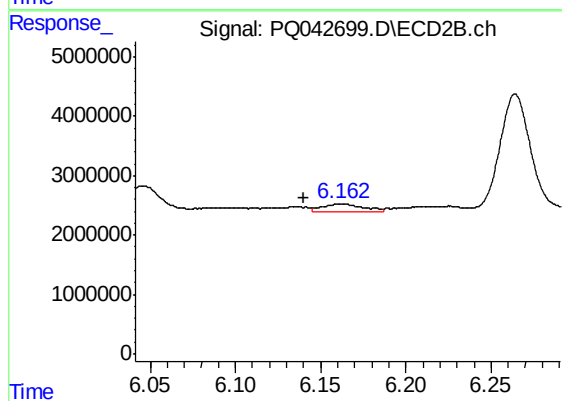
#20 AR-1242-5

R.T.: 7.097 min
Delta R.T.: 0.005 min
Response: 33446195
Conc: 298.37 ng/ml



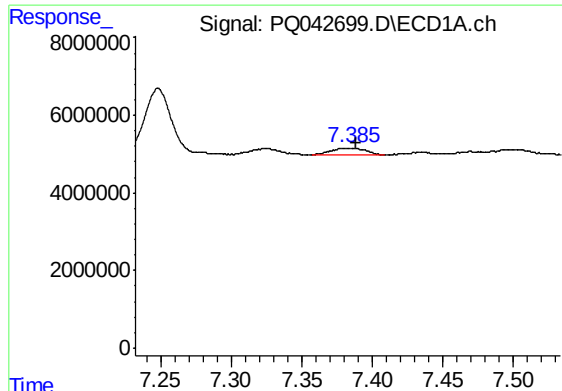
#21 AR-1248-1

R.T.: 7.066 min
Delta R.T.: -0.008 min
Response: 202163
Conc: 2.42 ng/ml



#21 AR-1248-1

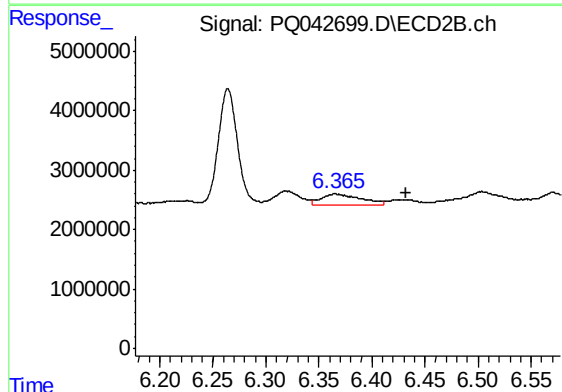
R.T.: 6.162 min
Delta R.T.: 0.022 min
Response: 2006020
Conc: 24.40 ng/ml



#22 AR-1248-2

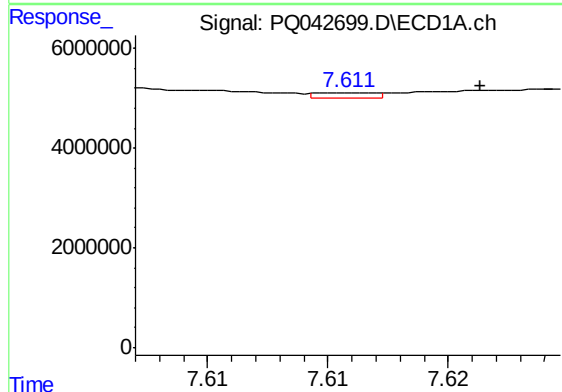
R.T.: 7.386 min
Delta R.T.: -0.003 min
Response: 3036019
Conc: 29.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ24



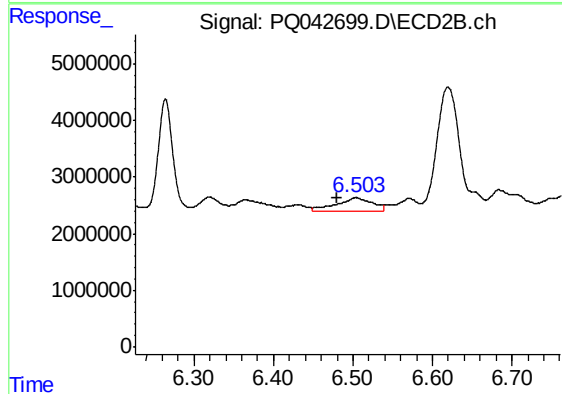
#22 AR-1248-2

R.T.: 6.366 min
Delta R.T.: -0.067 min
Response: 5139715
Conc: 46.66 ng/ml



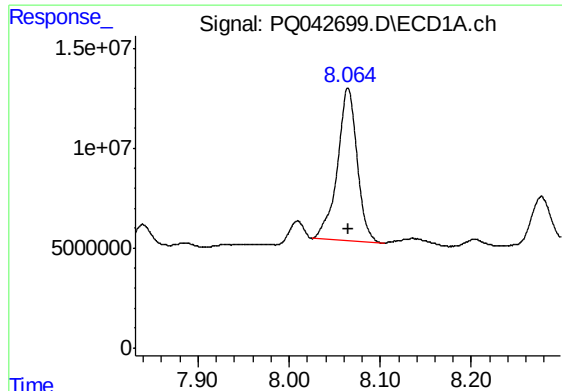
#23 AR-1248-3

R.T.: 7.611 min
Delta R.T.: -0.005 min
Response: 187647
Conc: 1.48 ng/ml



#23 AR-1248-3

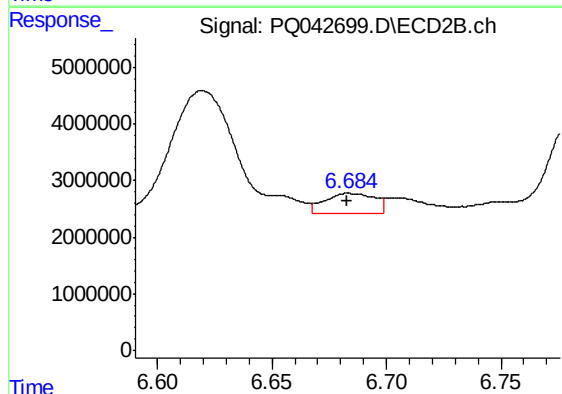
R.T.: 6.504 min
Delta R.T.: 0.024 min
Response: 6960494
Conc: 61.76 ng/ml



#24 AR-1248-4

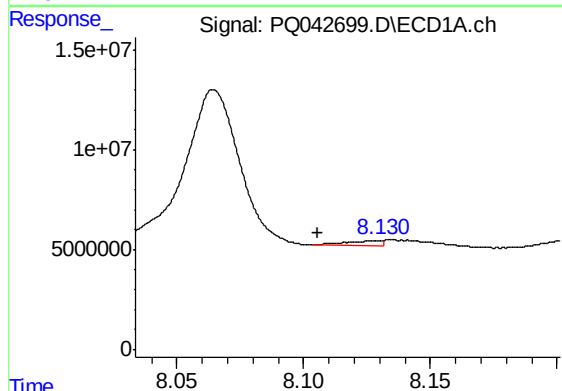
R.T.: 8.064 min
Delta R.T.: 0.000 min
Response: 115066377
Conc: 694.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ24



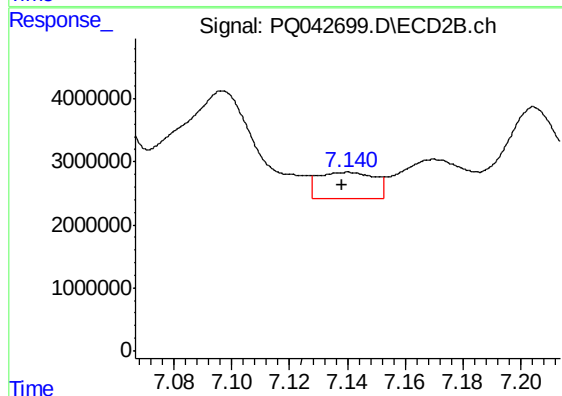
#24 AR-1248-4

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 5519668
Conc: 40.40 ng/ml



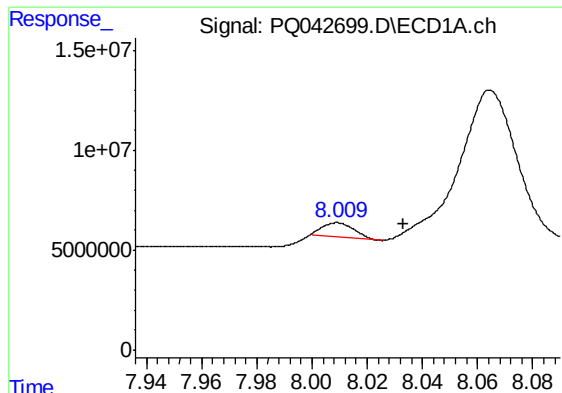
#25 AR-1248-5

R.T.: 8.130 min
Delta R.T.: 0.025 min
Response: 2247401
Conc: 14.12 ng/ml



#25 AR-1248-5

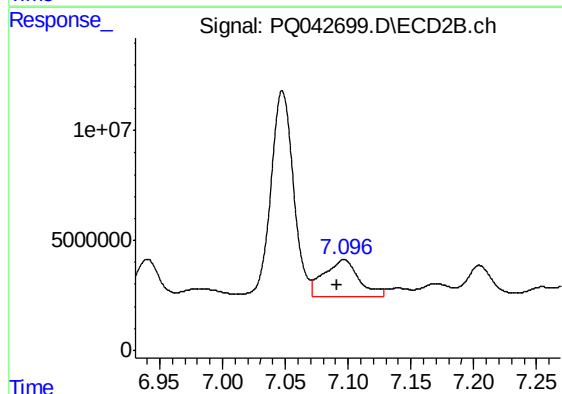
R.T.: 7.140 min
Delta R.T.: 0.002 min
Response: 5566348
Conc: 35.36 ng/ml



#26 AR-1254-1

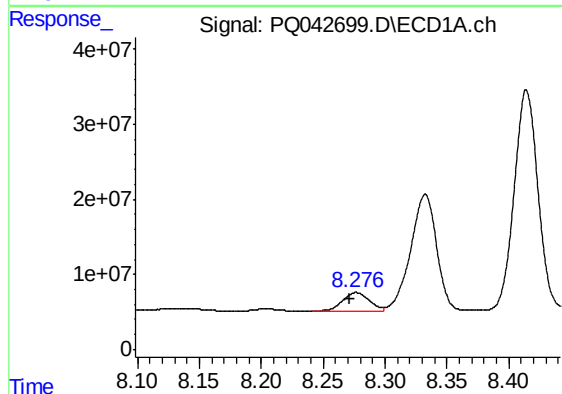
R.T.: 8.009 min
Delta R.T.: -0.024 min
Response: 5538298
Conc: 37.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ24



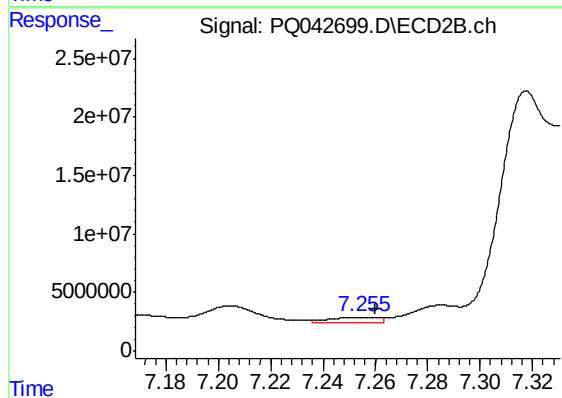
#26 AR-1254-1

R.T.: 7.097 min
Delta R.T.: 0.005 min
Response: 33446195
Conc: 148.22 ng/ml



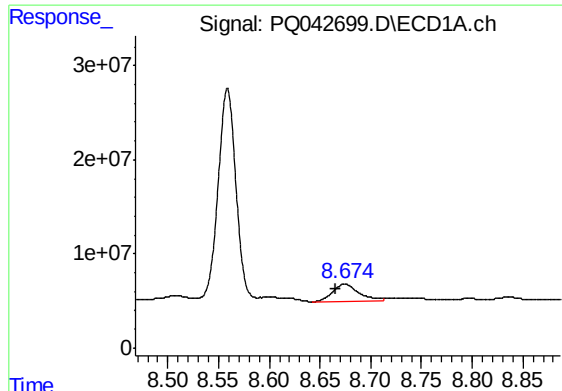
#27 AR-1254-2

R.T.: 8.277 min
Delta R.T.: 0.005 min
Response: 39427635
Conc: 164.37 ng/ml



#27 AR-1254-2

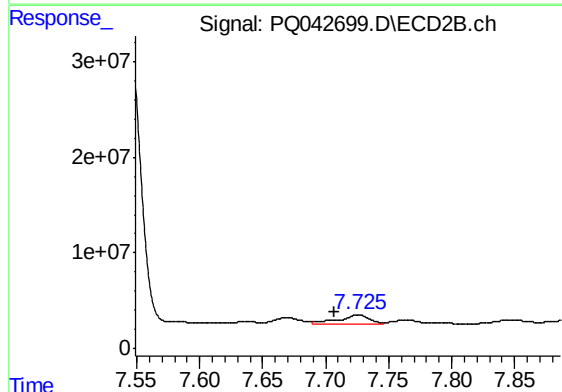
R.T.: 7.255 min
Delta R.T.: -0.005 min
Response: 5889711
Conc: 29.13 ng/ml



#28 AR-1254-3

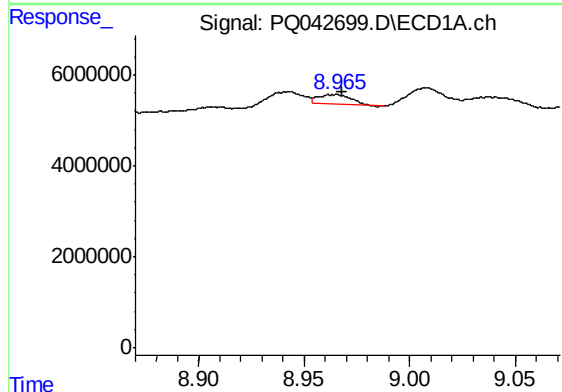
R.T.: 8.675 min
Delta R.T.: 0.009 min
Response: 33648505
Conc: 118.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ24



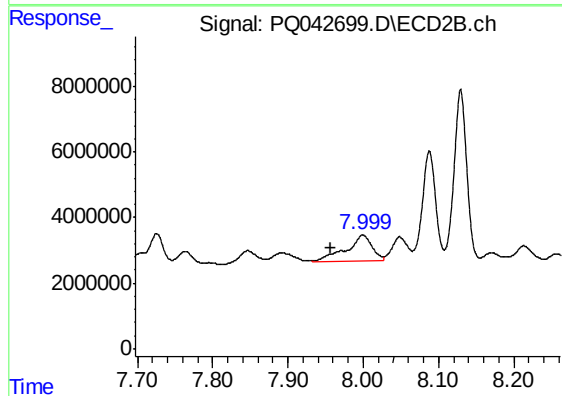
#28 AR-1254-3

R.T.: 7.726 min
Delta R.T.: 0.018 min
Response: 16821622
Conc: 47.77 ng/ml



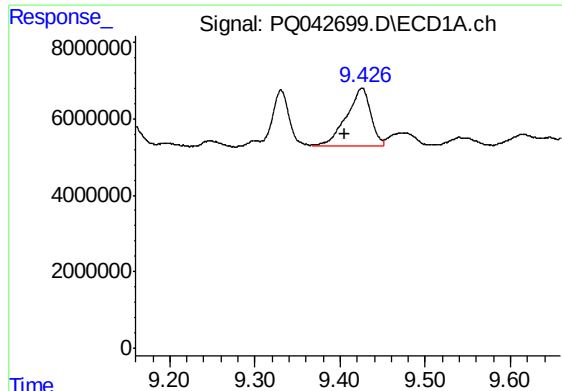
#29 AR-1254-4

R.T.: 8.966 min
Delta R.T.: -0.003 min
Response: 2319789
Conc: 9.73 ng/ml



#29 AR-1254-4

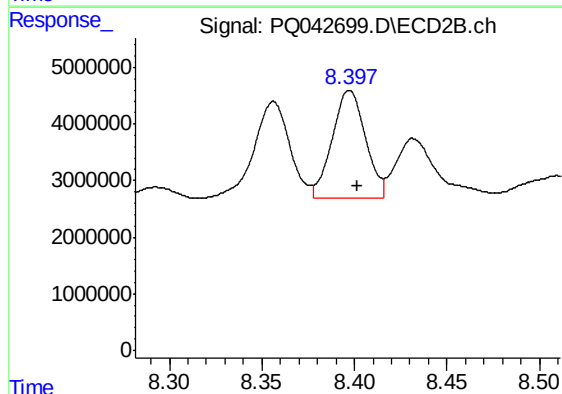
R.T.: 7.999 min
Delta R.T.: 0.043 min
Response: 19181006
Conc: 74.75 ng/ml



#30 AR-1254-5

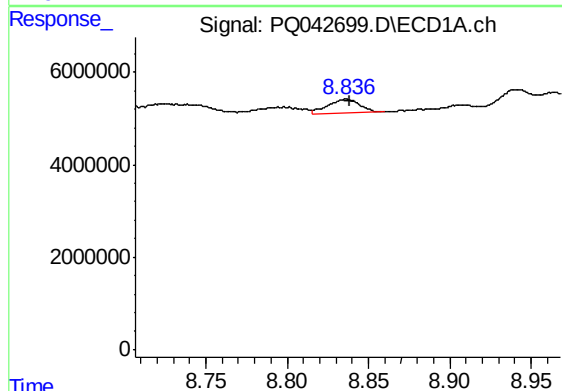
R.T.: 9.426 min
Delta R.T.: 0.020 min
Response: 30432683
Conc: 117.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ24



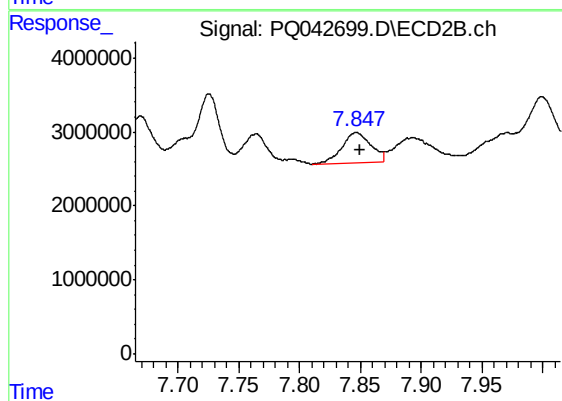
#30 AR-1254-5

R.T.: 8.397 min
Delta R.T.: -0.004 min
Response: 23890197
Conc: 65.75 ng/ml



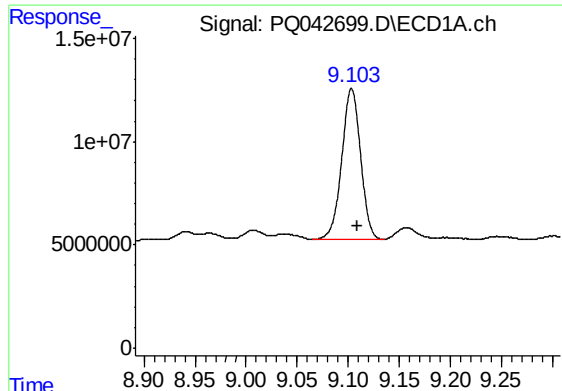
#31 AR-1260-1

R.T.: 8.836 min
Delta R.T.: -0.002 min
Response: 4080377
Conc: 23.15 ng/ml



#31 AR-1260-1

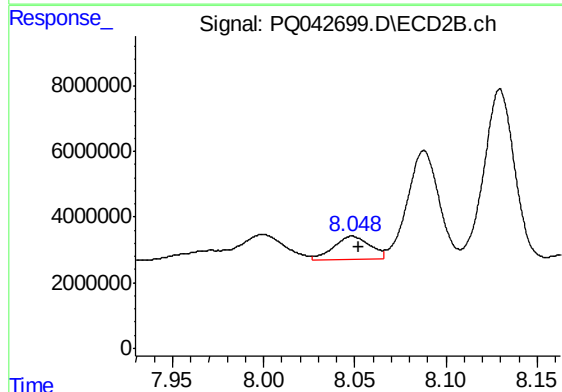
R.T.: 7.847 min
Delta R.T.: -0.003 min
Response: 6623698
Conc: 32.46 ng/ml



#32 AR-1260-2

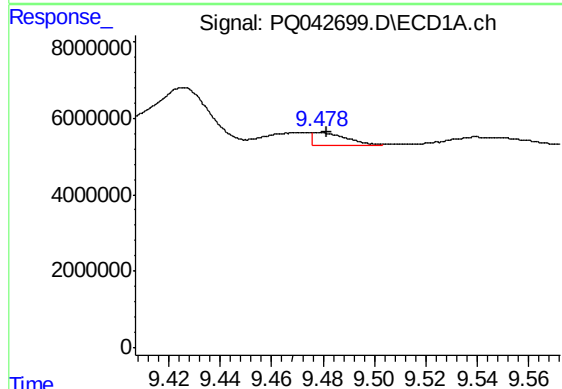
R.T.: 9.103 min
Delta R.T.: -0.006 min
Response: 93880394
Conc: 390.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ24



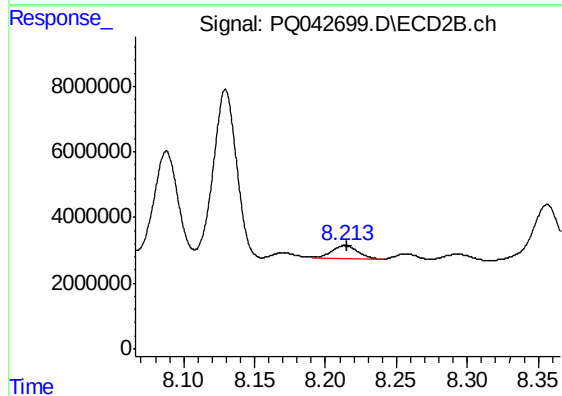
#32 AR-1260-2

R.T.: 8.048 min
Delta R.T.: -0.004 min
Response: 9785869
Conc: 36.53 ng/ml



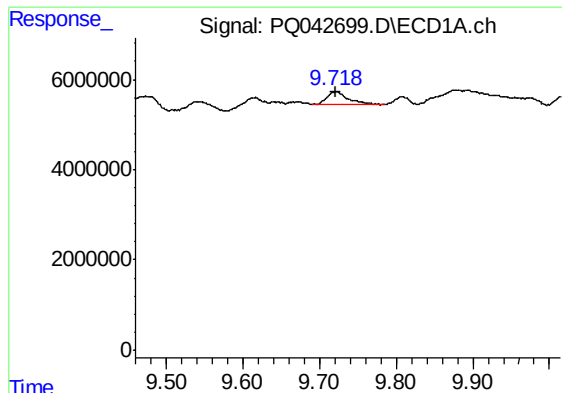
#33 AR-1260-3

R.T.: 9.479 min
Delta R.T.: -0.003 min
Response: 3006808
Conc: 13.91 ng/ml



#33 AR-1260-3

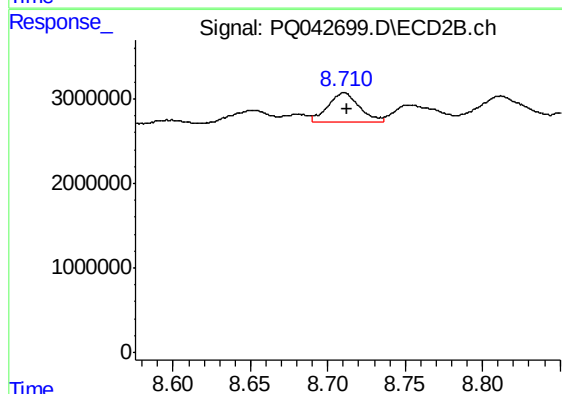
R.T.: 8.213 min
Delta R.T.: -0.002 min
Response: 4738830
Conc: 19.88 ng/ml



#34 AR-1260-4

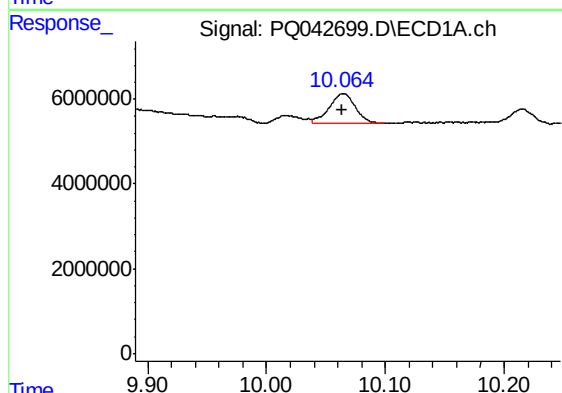
R.T.: 9.724 min
Delta R.T.: 0.002 min
Response: 5542166
Conc: 22.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ24



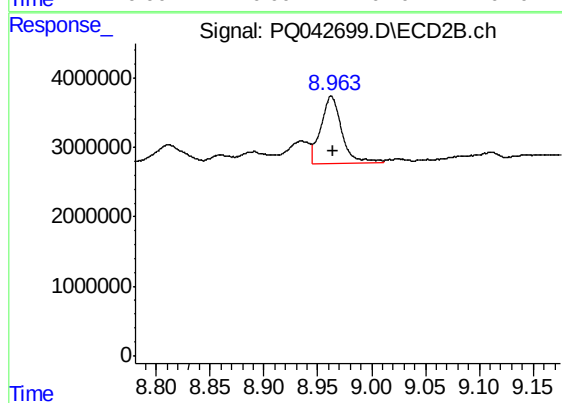
#34 AR-1260-4

R.T.: 8.711 min
Delta R.T.: -0.002 min
Response: 4880738
Conc: 21.53 ng/ml



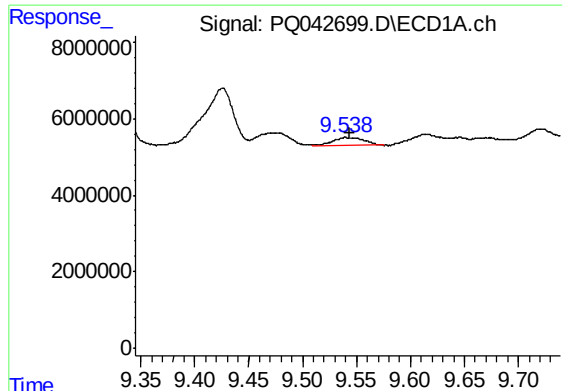
#35 AR-1260-5

R.T.: 10.065 min
Delta R.T.: 0.001 min
Response: 10684842
Conc: 18.00 ng/ml



#35 AR-1260-5

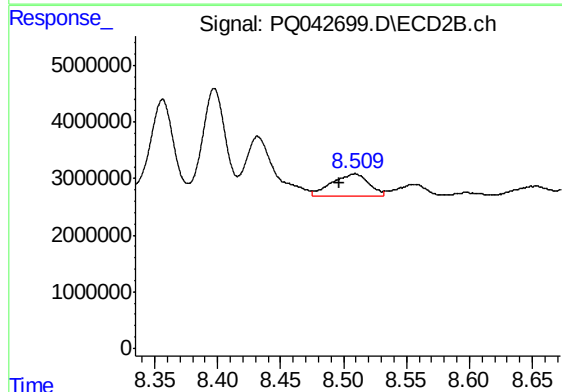
R.T.: 8.963 min
Delta R.T.: -0.002 min
Response: 12857826
Conc: 20.65 ng/ml



#36 AR-1262-1

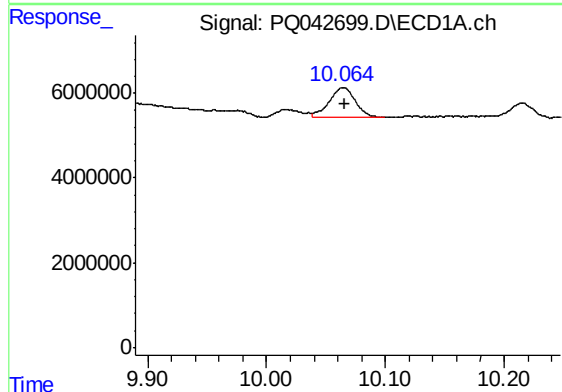
R.T.: 9.540 min
Delta R.T.: -0.004 min
Response: 4176340
Conc: 28.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ24



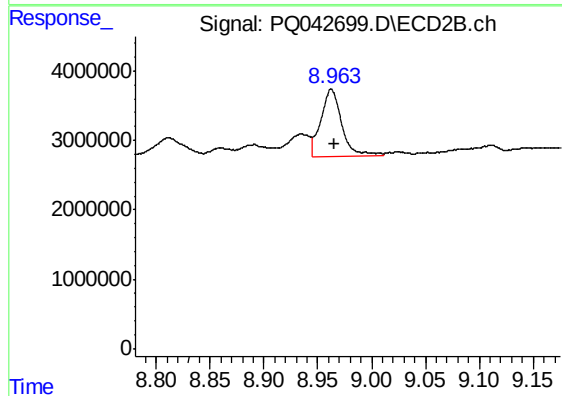
#36 AR-1262-1

R.T.: 8.509 min
Delta R.T.: 0.013 min
Response: 7784173
Conc: 45.47 ng/ml



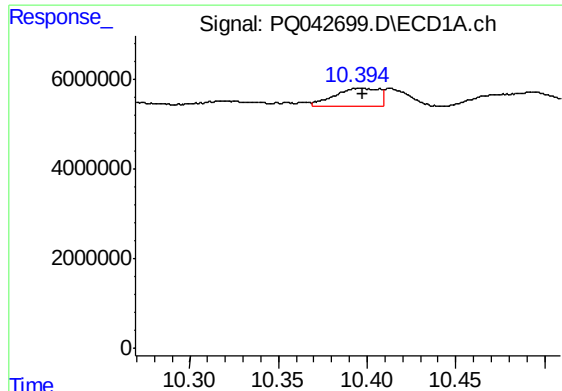
#37 AR-1262-2

R.T.: 10.065 min
Delta R.T.: -0.002 min
Response: 10684842
Conc: 14.20 ng/ml



#37 AR-1262-2

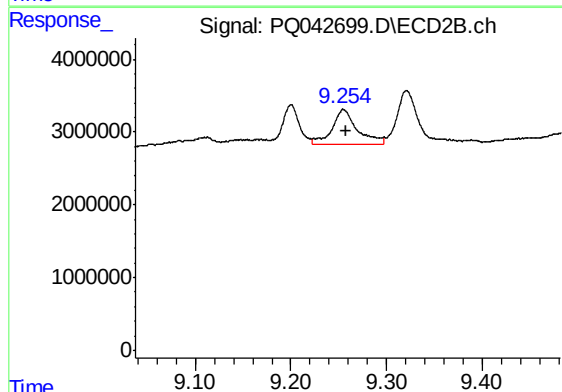
R.T.: 8.963 min
Delta R.T.: -0.004 min
Response: 12857826
Conc: 15.39 ng/ml



#38 AR-1262-3

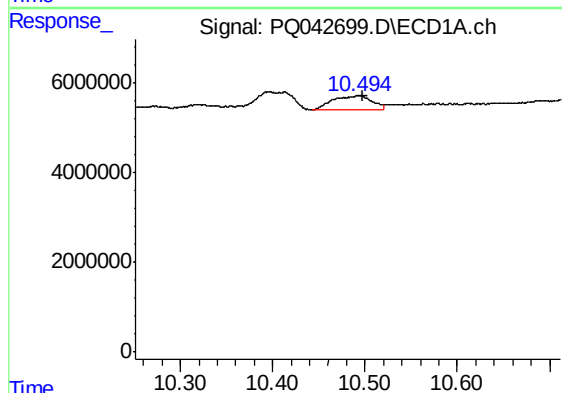
R.T.: 10.397 min
Delta R.T.: 0.000 min
Response: 7056629
Conc: 13.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ24



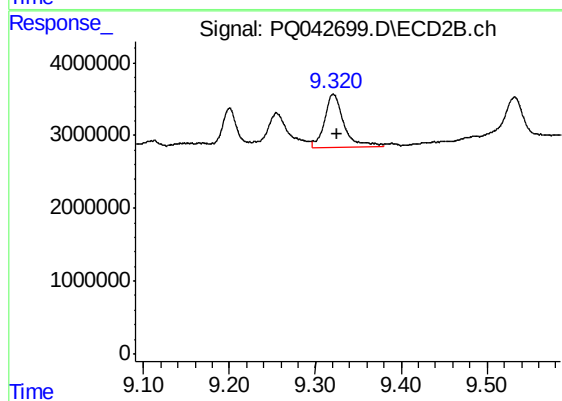
#38 AR-1262-3

R.T.: 9.255 min
Delta R.T.: -0.003 min
Response: 8824437
Conc: 24.83 ng/ml



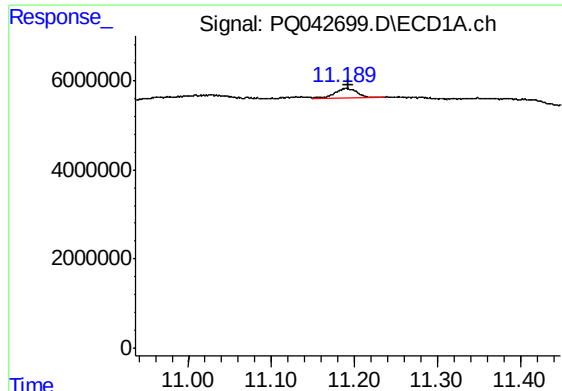
#39 AR-1262-4

R.T.: 10.495 min
Delta R.T.: -0.002 min
Response: 9084576
Conc: 20.90 ng/ml



#39 AR-1262-4

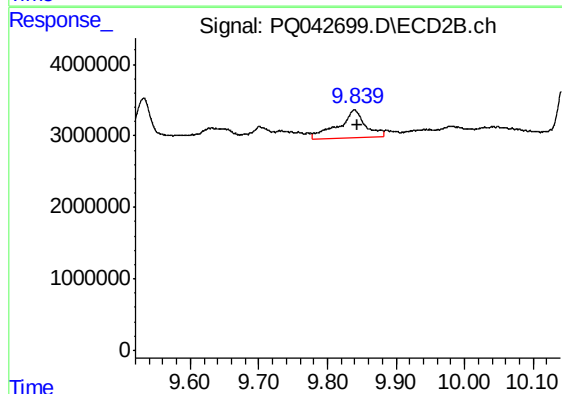
R.T.: 9.321 min
Delta R.T.: -0.005 min
Response: 11156336
Conc: 17.30 ng/ml



#40 AR-1262-5

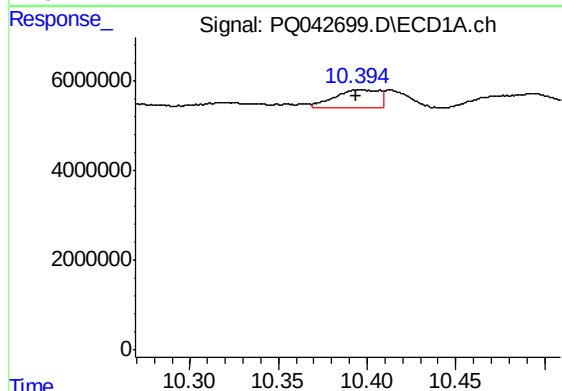
R.T.: 11.190 min
Delta R.T.: -0.002 min
Response: 4524733
Conc: 13.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ24



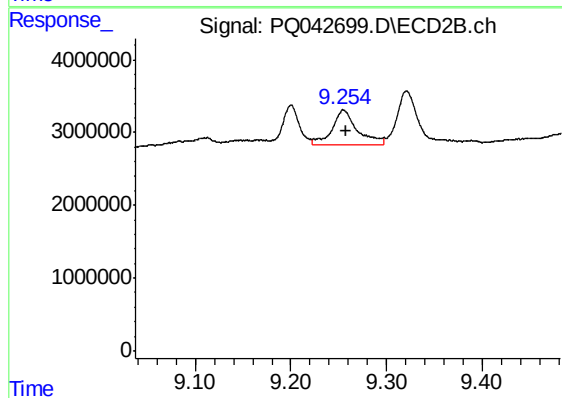
#40 AR-1262-5

R.T.: 9.840 min
Delta R.T.: -0.004 min
Response: 10473699
Conc: 33.11 ng/ml



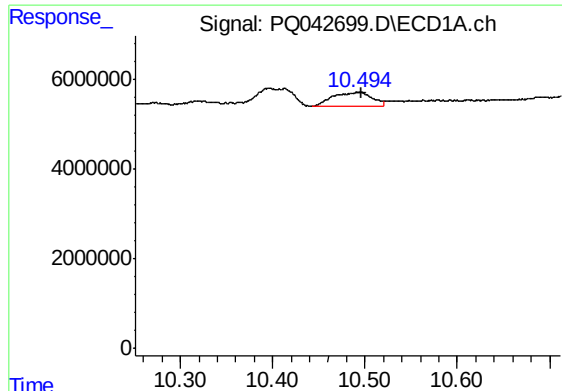
#41 AR-1268-1

R.T.: 10.397 min
Delta R.T.: 0.003 min
Response: 7056629
Conc: 7.38 ng/ml



#41 AR-1268-1

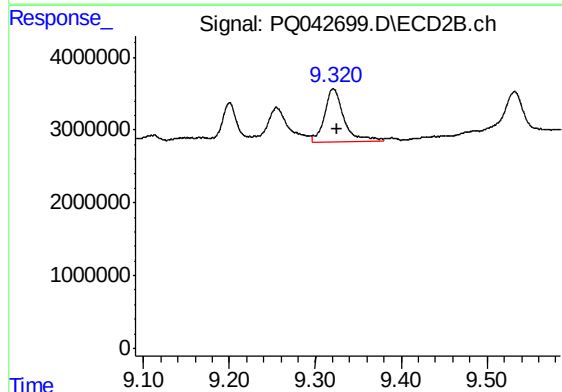
R.T.: 9.255 min
Delta R.T.: -0.003 min
Response: 8824437
Conc: 8.79 ng/ml



#42 AR-1268-2

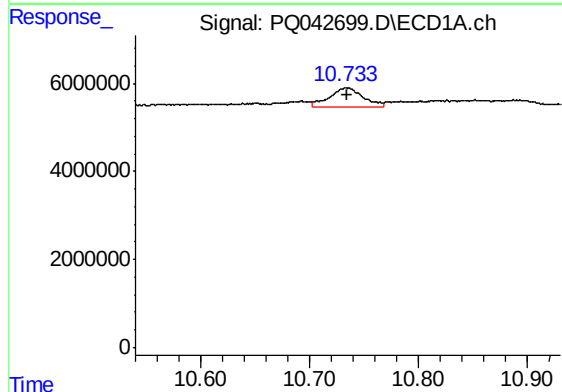
R.T.: 10.495 min
Delta R.T.: 0.000 min
Response: 9084576
Conc: 9.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ24



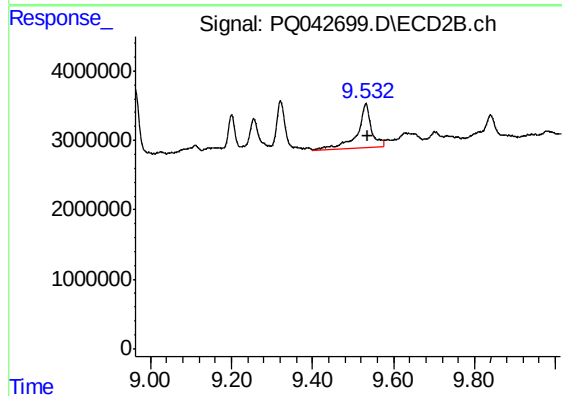
#42 AR-1268-2

R.T.: 9.321 min
Delta R.T.: -0.004 min
Response: 11156336
Conc: 11.88 ng/ml



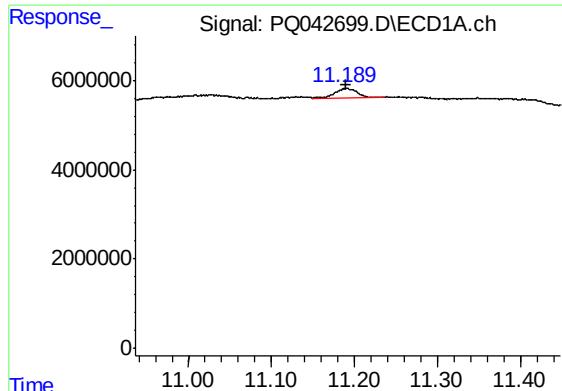
#43 AR-1268-3

R.T.: 10.733 min
Delta R.T.: -0.001 min
Response: 9523488
Conc: 11.75 ng/ml



#43 AR-1268-3

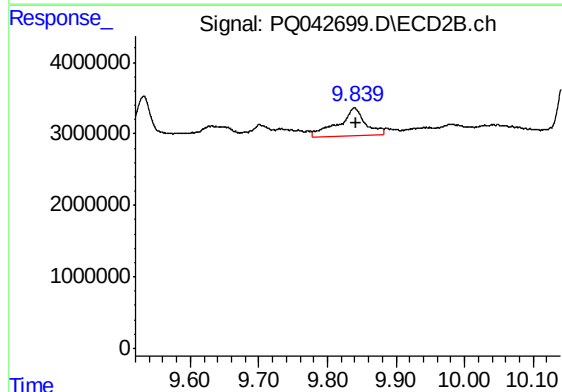
R.T.: 9.532 min
Delta R.T.: -0.003 min
Response: 15566950
Conc: 19.54 ng/ml



#44 AR-1268-4

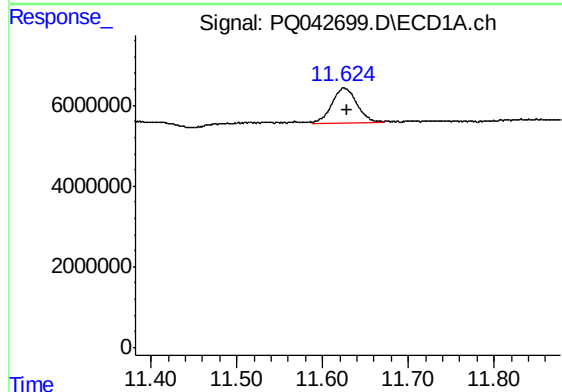
R.T.: 11.190 min
Delta R.T.: 0.000 min
Response: 4524733
Conc: 12.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ24



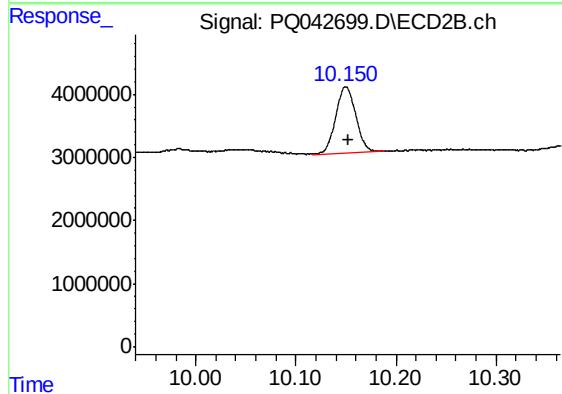
#44 AR-1268-4

R.T.: 9.840 min
Delta R.T.: -0.003 min
Response: 10473699
Conc: 30.60 ng/ml



#45 AR-1268-5

R.T.: 11.624 min
Delta R.T.: -0.004 min
Response: 17646332
Conc: 6.23 ng/ml



#45 AR-1268-5

R.T.: 10.150 min
Delta R.T.: -0.003 min
Response: 14639205
Conc: 5.71 ng/ml