

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022423\
 Data File : PQ060492.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Feb 2023 07:24
 Operator : YP\AJ
 Sample : 01627-09
 Misc : AR1232 MDL 25 PPB
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 08:54:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 24 16:56:07 2023
 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...	3.434	2.795	487.5E6	272.9E6	21.186	24.257
2)	SA Decachlor...	8.575	7.536	308.3E6	273.8E6	22.737	25.513
Target Compounds							
3)	L1 AR-1016-1	4.519	3.787	9785394	5220741	12.309	13.382
4)	L1 AR-1016-2	4.538	3.802	16553196	8558177	13.832	14.508
5)	L1 AR-1016-3	4.595	3.961	11726211	3794410	15.823	12.069
6)	L1 AR-1016-4	4.686	4.007	7566361	3019673	12.198	12.319
7)	L1 AR-1016-5	4.967	4.200	8976604	5222788	15.258	16.354
8)	L2 AR-1221-1	3.630	2.995	6180335	2869185	25.799	25.527
9)	L2 AR-1221-2	3.710	3.065	11899162	5486689	68.074	65.910
10)	L2 AR-1221-3	3.778	3.138	17398570	8341971	33.258	32.287
11)	L3 AR-1232-1	3.778	3.138	17398570	8341971	33.136	31.161
12)	L3 AR-1232-2	4.265	3.802	8198143	8558177	30.698	31.867
13)	L3 AR-1232-3	4.538	3.961	16553196	3794410	30.353	27.246
14)	L3 AR-1232-4	4.686	4.044	7566361	3835410	28.006	32.317
15)	L3 AR-1232-5	4.779	4.200	6554777	5222788	35.115	38.326
16)	L4 AR-1242-1	4.519	3.787	9785394	5220741	15.847	16.235
17)	L4 AR-1242-2	4.538	3.802	16553196	8558177	17.630	17.864
18)	L4 AR-1242-3	4.595	3.961	11726211	3794410	20.301	14.636 #
19)	L4 AR-1242-4	4.686	4.044	7566361	3835410	15.517	16.024
20)	L4 AR-1242-5	5.389	4.532	10324762	5361439	20.702	17.365
21)	L5 AR-1248-1	4.519	3.787	9785394	5220741	20.523	21.314
22)	L5 AR-1248-2	4.779	4.007	6554777	3019673	10.539	8.769
23)	L5 AR-1248-3	4.967	4.044	8976604	3835410	11.844	11.001
24)	L5 AR-1248-4	5.352	4.200	9509885	5222788	11.387	12.341
25)	L5 AR-1248-5	5.389	4.569	10324762	5922036	12.345	13.913
26)	L6 AR-1254-1	5.327	4.532	10568325	5361439	12.634	8.280 #
27)	L6 AR-1254-2	5.537	4.675	8643499	1533896	6.756	2.785 #
28)	L6 AR-1254-3	5.892	5.050	3249543	2572866	2.392	3.001 #
29)	L6 AR-1254-4	6.180	5.274	5419550	960450	5.464	1.715 #
30)	L6 AR-1254-5	6.589	5.671	1339531	1231345	1.276	1.519
31)	L7 AR-1260-1	6.060	5.184	664356	1653756	0.634	2.693 #
32)	L7 AR-1260-2	6.318	5.370	1476799	610316	1.191	0.819 #
33)	L7 AR-1260-3	6.666	5.519	799075	10397380	0.894	14.305 #
34)	L7 AR-1260-4	6.887	5.973	648453	136510	0.658	0.232 #
35)	L7 AR-1260-5	7.198	6.202	712558	682530	0.367	0.496 #
36)	L8 AR-1262-1	6.647	5.719	628578	477182	0.547	0.610
37)	L8 AR-1262-2	7.198f	6.202	712558	682530	0.355	0.481 #
38)	L8 AR-1262-3	7.473	6.447f	514335	9685820	0.393	17.061 #
39)	L8 AR-1262-4	7.539	6.532	1368929	1653402	1.339	1.548
40)	L8 AR-1262-5	8.045	7.054f	250311	1755182	0.385	3.390 #
41)	L9 AR-1268-1	7.473	0.000	514335	0	0.225	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022423\
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 Acq On : 25 Feb 2023 07:24
 Operator : YP\AJ
 Sample : 01627-09
 Misc : AR1232 MDL 25 PPB
 ALS Vial : 62 Sample Multiplier: 1

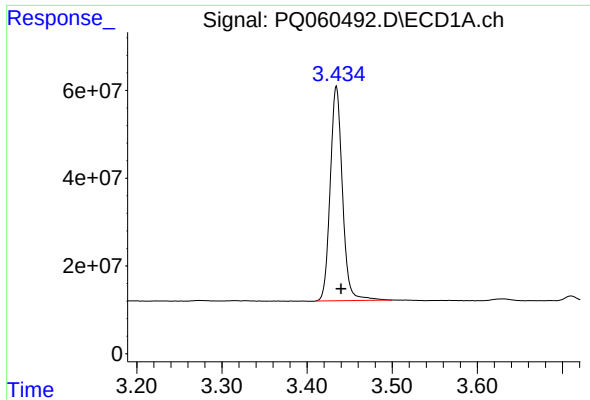
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 08:54:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022423.M
 Quant Title : GC EXTRACTABLES
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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
42) L9	AR-1268-2	7.539	6.532	1368929	1653402	0.645	1.062 #
43) L9	AR-1268-3	7.716	6.753	1920261	2463749	1.104	1.810 #
44) L9	AR-1268-4	8.045	7.054f	250311	1755182	0.337	2.974 #
45) L9	AR-1268-5	8.346	7.320	1687325	5255075	0.328	1.232 #

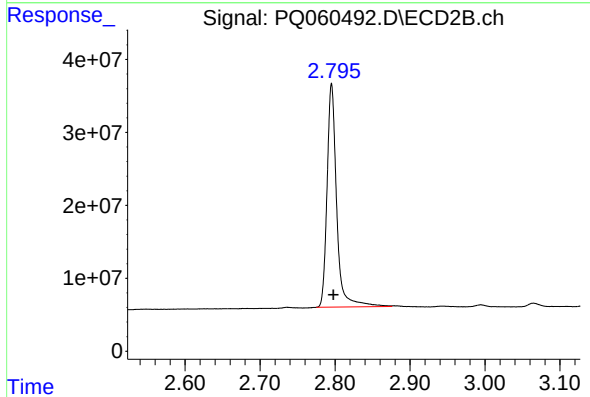
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

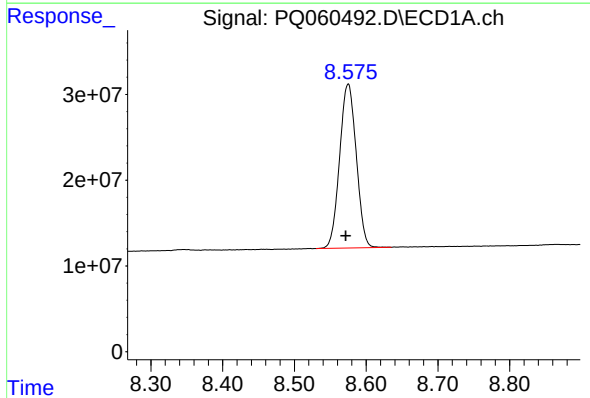
R.T.: 3.434 min
Delta R.T.: -0.006 min
Response: 487488221
Conc: 21.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



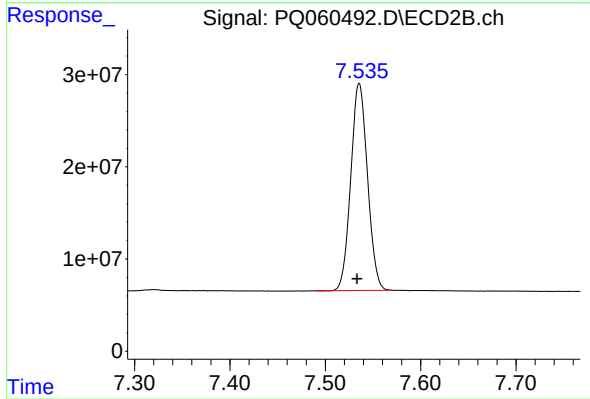
#1 Tetrachloro-m-xylene

R.T.: 2.795 min
Delta R.T.: -0.003 min
Response: 272888490
Conc: 24.26 ng/ml



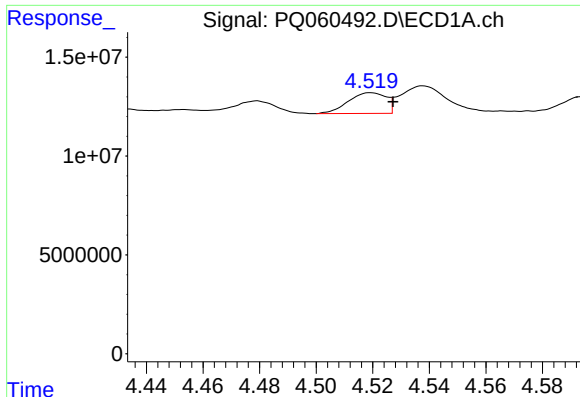
#2 Decachlorobiphenyl

R.T.: 8.575 min
Delta R.T.: 0.003 min
Response: 308289843
Conc: 22.74 ng/ml



#2 Decachlorobiphenyl

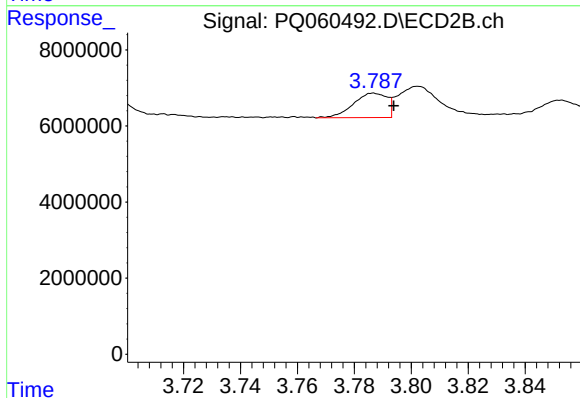
R.T.: 7.536 min
Delta R.T.: 0.003 min
Response: 273814525
Conc: 25.51 ng/ml



#3 AR-1016-1

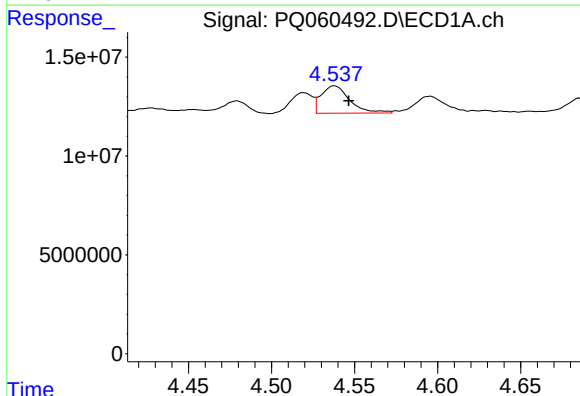
R.T.: 4.519 min
Delta R.T.: -0.008 min
Response: 9785394
Conc: 12.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



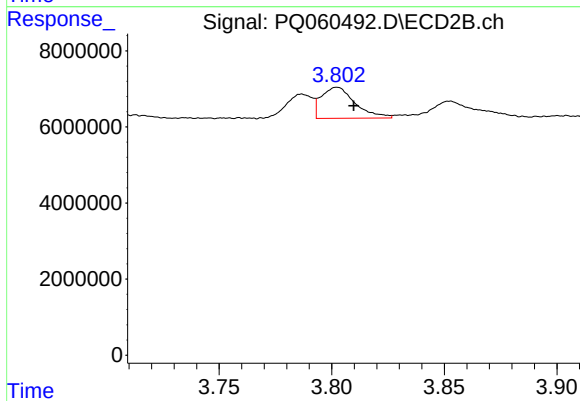
#3 AR-1016-1

R.T.: 3.787 min
Delta R.T.: -0.007 min
Response: 5220741
Conc: 13.38 ng/ml



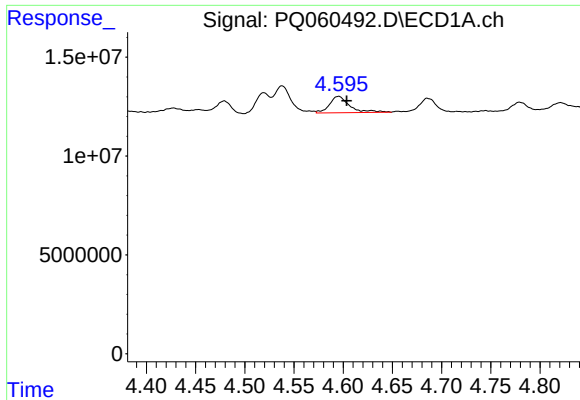
#4 AR-1016-2

R.T.: 4.538 min
Delta R.T.: -0.009 min
Response: 16553196
Conc: 13.83 ng/ml



#4 AR-1016-2

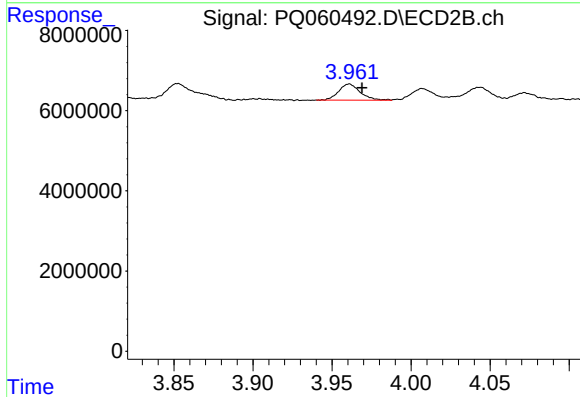
R.T.: 3.802 min
Delta R.T.: -0.007 min
Response: 8558177
Conc: 14.51 ng/ml



#5 AR-1016-3

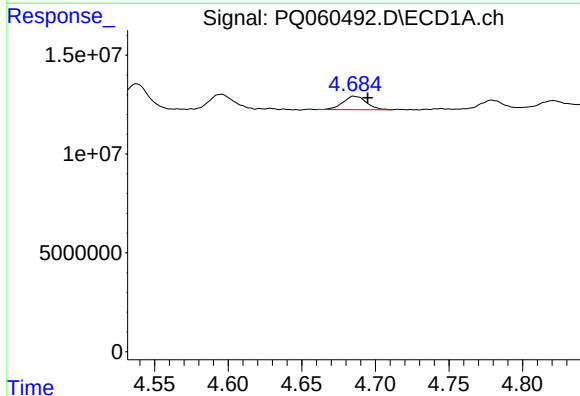
R.T.: 4.595 min
Delta R.T.: -0.008 min
Response: 11726211
Conc: 15.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



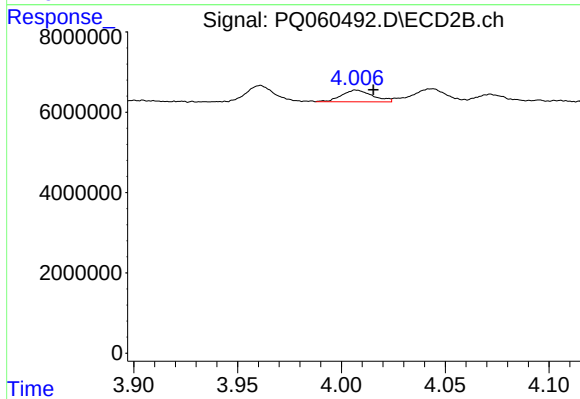
#5 AR-1016-3

R.T.: 3.961 min
Delta R.T.: -0.008 min
Response: 3794410
Conc: 12.07 ng/ml



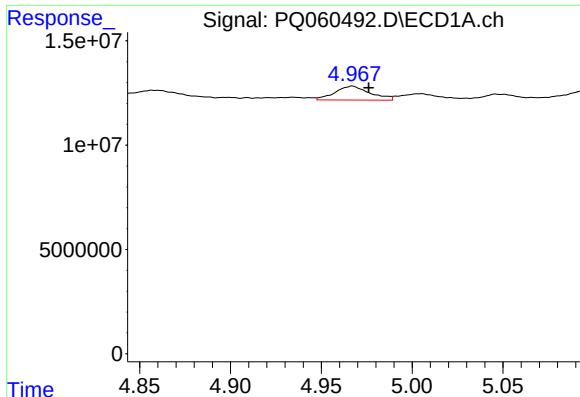
#6 AR-1016-4

R.T.: 4.686 min
Delta R.T.: -0.009 min
Response: 7566361
Conc: 12.20 ng/ml



#6 AR-1016-4

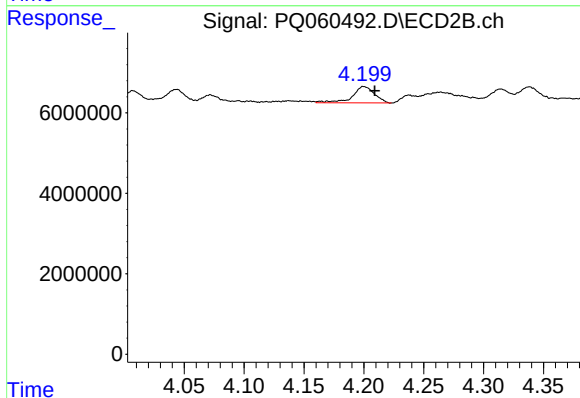
R.T.: 4.007 min
Delta R.T.: -0.008 min
Response: 3019673
Conc: 12.32 ng/ml



#7 AR-1016-5

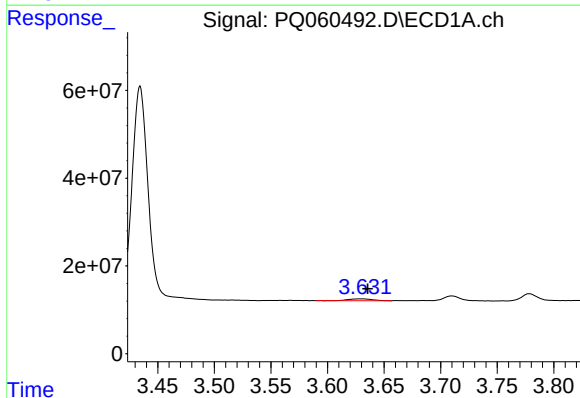
R.T.: 4.967 min
Delta R.T.: -0.009 min
Response: 8976604
Conc: 15.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



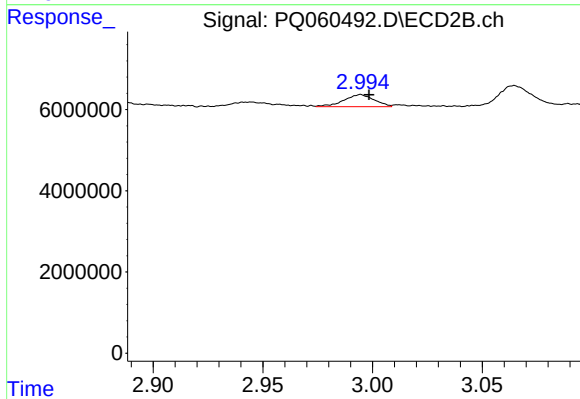
#7 AR-1016-5

R.T.: 4.200 min
Delta R.T.: -0.009 min
Response: 5222788
Conc: 16.35 ng/ml



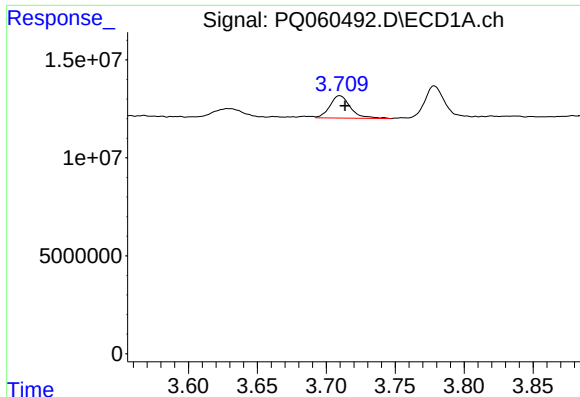
#8 AR-1221-1

R.T.: 3.630 min
Delta R.T.: -0.006 min
Response: 6180335
Conc: 25.80 ng/ml



#8 AR-1221-1

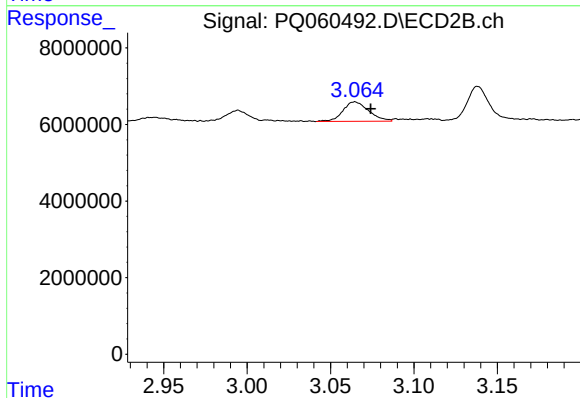
R.T.: 2.995 min
Delta R.T.: -0.004 min
Response: 2869185
Conc: 25.53 ng/ml



#9 AR-1221-2

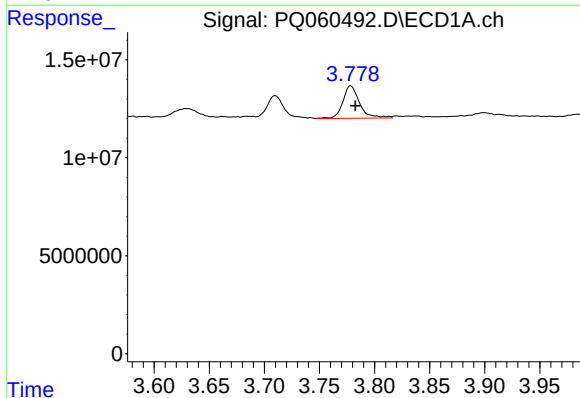
R.T.: 3.710 min
Delta R.T.: -0.004 min
Response: 11899162
Conc: 68.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



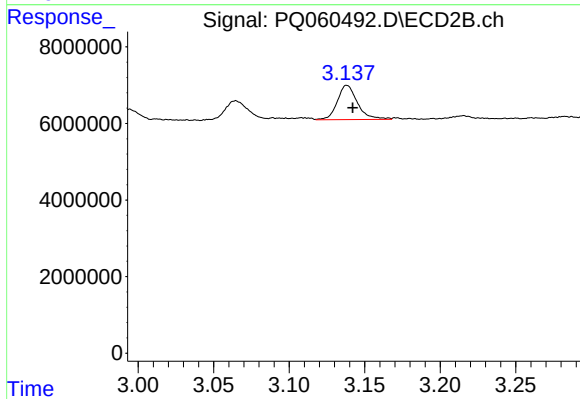
#9 AR-1221-2

R.T.: 3.065 min
Delta R.T.: -0.009 min
Response: 5486689
Conc: 65.91 ng/ml



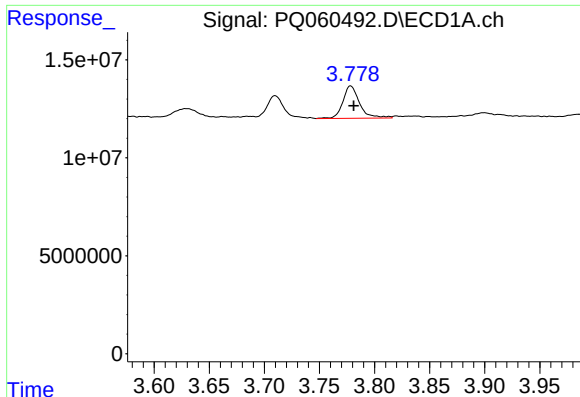
#10 AR-1221-3

R.T.: 3.778 min
Delta R.T.: -0.004 min
Response: 17398570
Conc: 33.26 ng/ml



#10 AR-1221-3

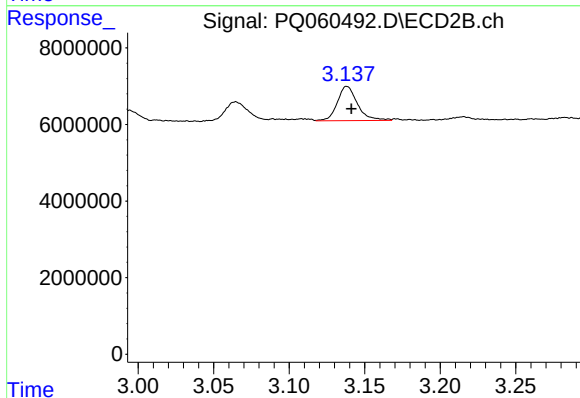
R.T.: 3.138 min
Delta R.T.: -0.004 min
Response: 8341971
Conc: 32.29 ng/ml



#11 AR-1232-1

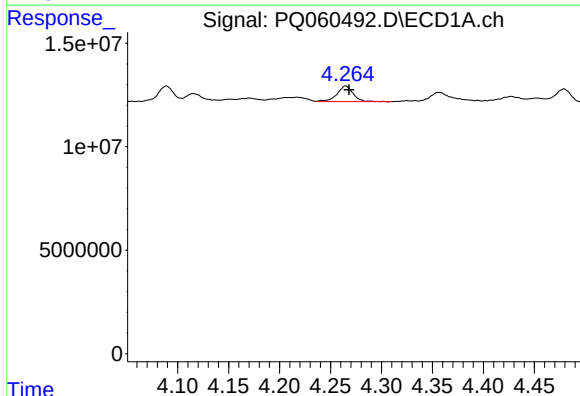
R.T.: 3.778 min
Delta R.T.: -0.003 min
Response: 17398570
Conc: 33.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



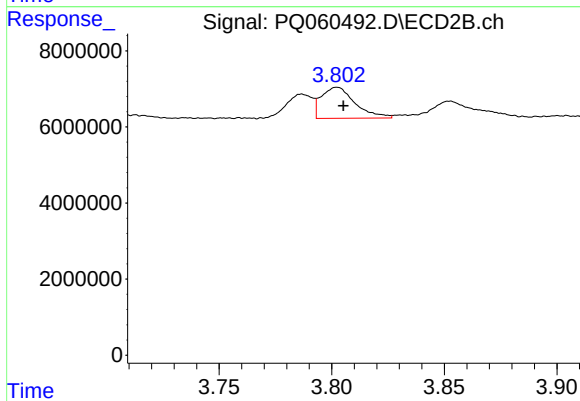
#11 AR-1232-1

R.T.: 3.138 min
Delta R.T.: -0.003 min
Response: 8341971
Conc: 31.16 ng/ml



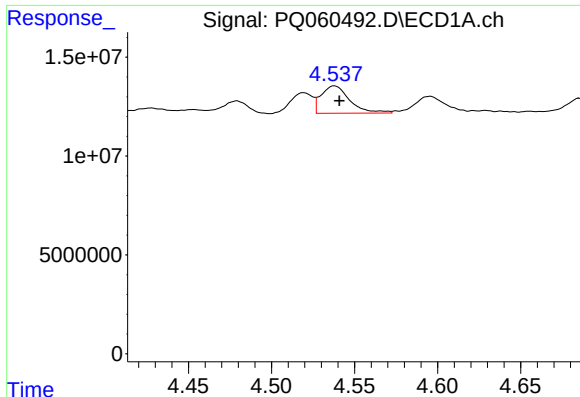
#12 AR-1232-2

R.T.: 4.265 min
Delta R.T.: -0.003 min
Response: 8198143
Conc: 30.70 ng/ml



#12 AR-1232-2

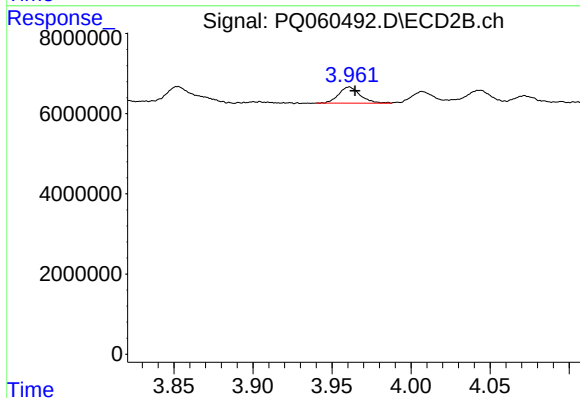
R.T.: 3.802 min
Delta R.T.: -0.003 min
Response: 8558177
Conc: 31.87 ng/ml



#13 AR-1232-3

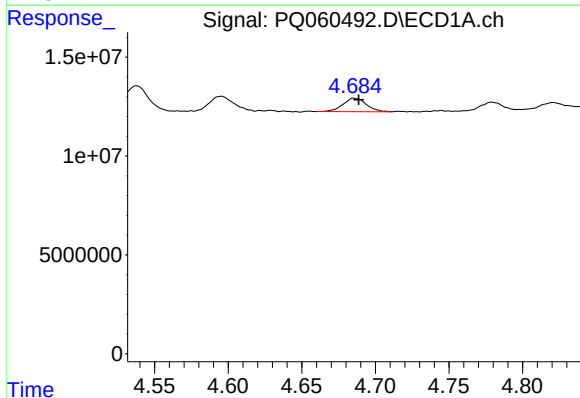
R.T.: 4.538 min
Delta R.T.: -0.003 min
Response: 16553196
Conc: 30.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



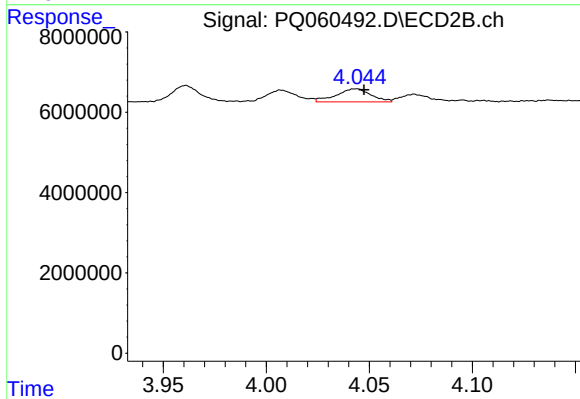
#13 AR-1232-3

R.T.: 3.961 min
Delta R.T.: -0.004 min
Response: 3794410
Conc: 27.25 ng/ml



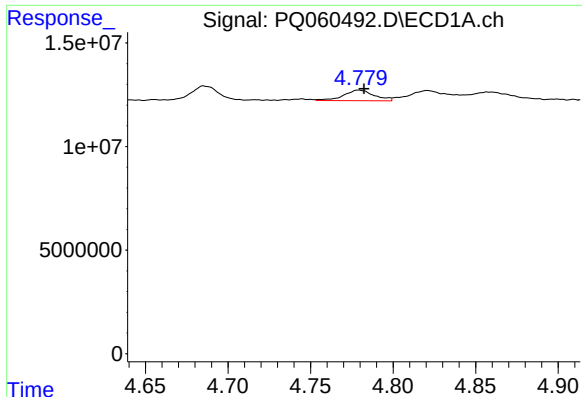
#14 AR-1232-4

R.T.: 4.686 min
Delta R.T.: -0.003 min
Response: 7566361
Conc: 28.01 ng/ml



#14 AR-1232-4

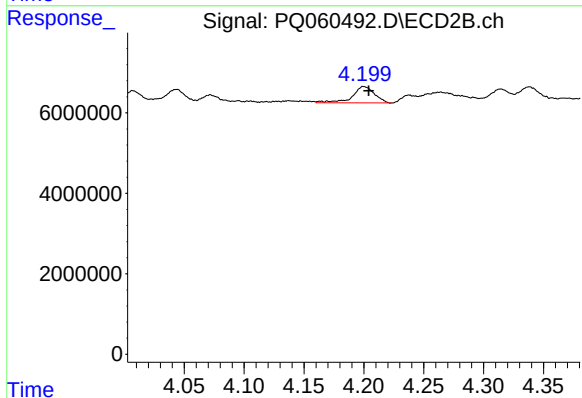
R.T.: 4.044 min
Delta R.T.: -0.004 min
Response: 3835410
Conc: 32.32 ng/ml



#15 AR-1232-5

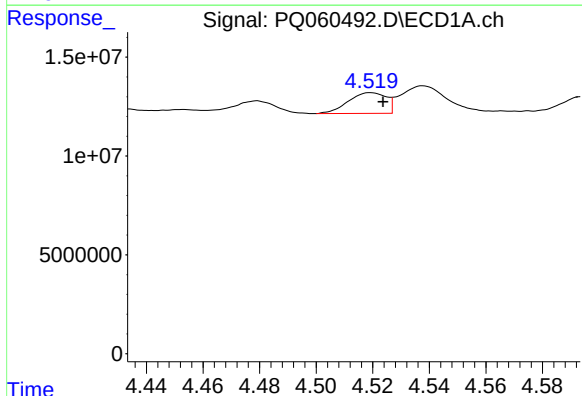
R.T.: 4.779 min
Delta R.T.: -0.003 min
Response: 6554777
Conc: 35.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



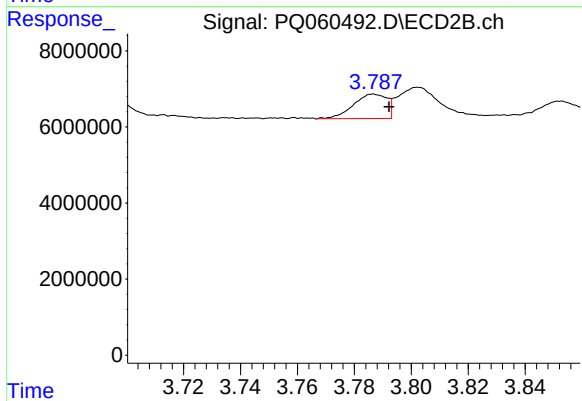
#15 AR-1232-5

R.T.: 4.200 min
Delta R.T.: -0.004 min
Response: 5222788
Conc: 38.33 ng/ml



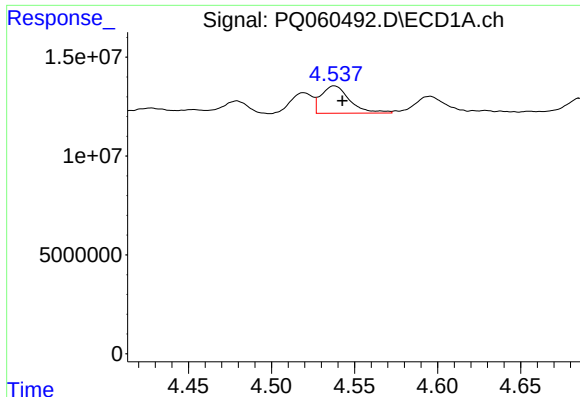
#16 AR-1242-1

R.T.: 4.519 min
Delta R.T.: -0.004 min
Response: 9785394
Conc: 15.85 ng/ml



#16 AR-1242-1

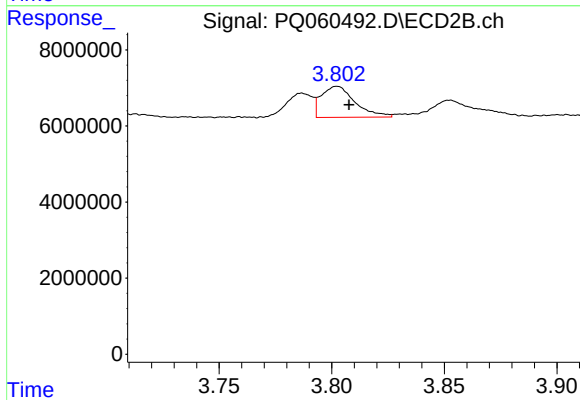
R.T.: 3.787 min
Delta R.T.: -0.005 min
Response: 5220741
Conc: 16.24 ng/ml



#17 AR-1242-2

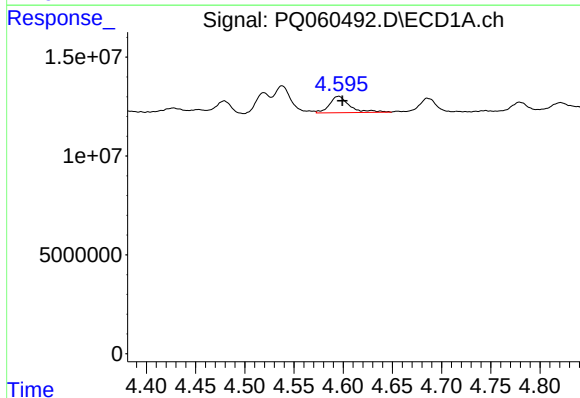
R.T.: 4.538 min
Delta R.T.: -0.005 min
Response: 16553196
Conc: 17.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



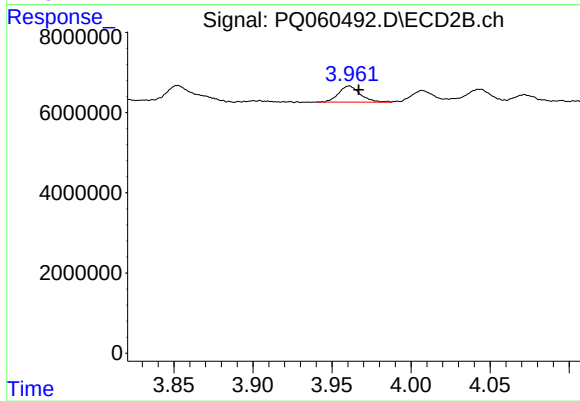
#17 AR-1242-2

R.T.: 3.802 min
Delta R.T.: -0.005 min
Response: 8558177
Conc: 17.86 ng/ml



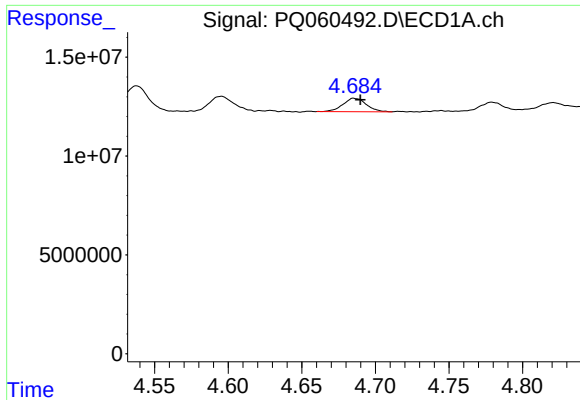
#18 AR-1242-3

R.T.: 4.595 min
Delta R.T.: -0.004 min
Response: 11726211
Conc: 20.30 ng/ml



#18 AR-1242-3

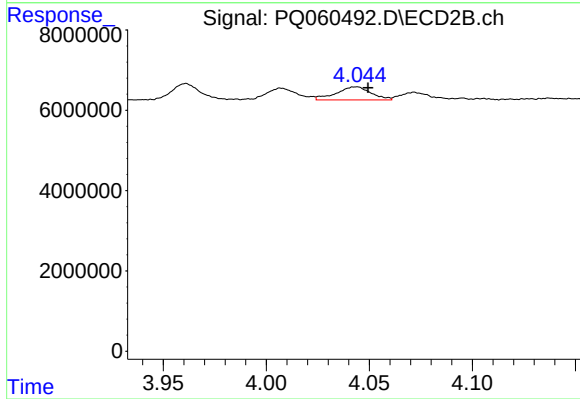
R.T.: 3.961 min
Delta R.T.: -0.006 min
Response: 3794410
Conc: 14.64 ng/ml



#19 AR-1242-4

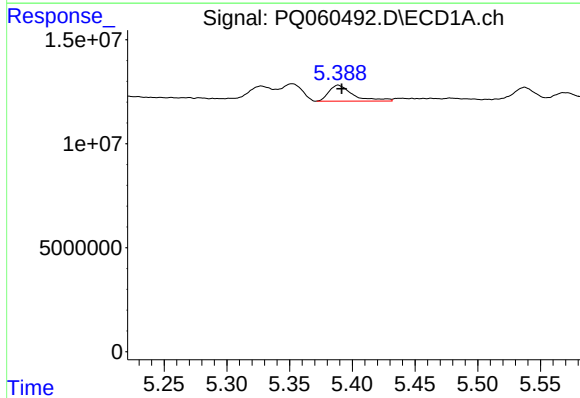
R.T.: 4.686 min
Delta R.T.: -0.004 min
Response: 7566361
Conc: 15.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



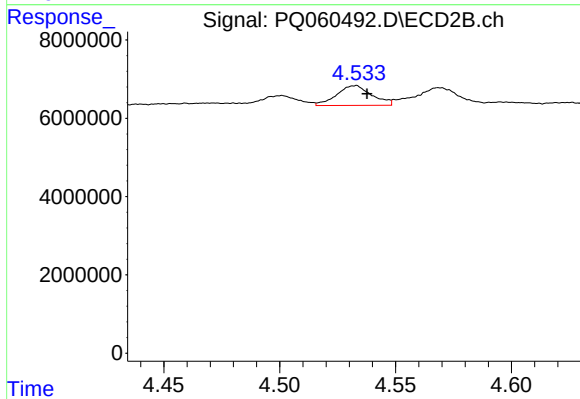
#19 AR-1242-4

R.T.: 4.044 min
Delta R.T.: -0.006 min
Response: 3835410
Conc: 16.02 ng/ml



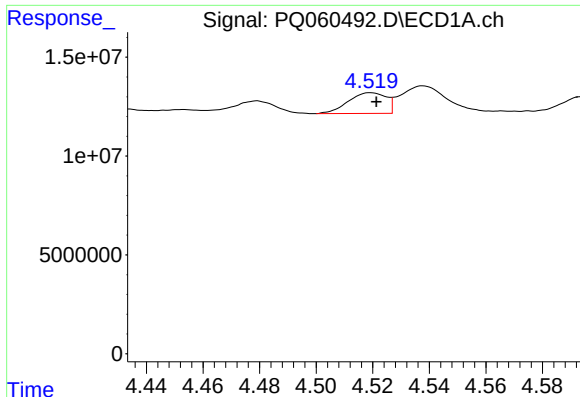
#20 AR-1242-5

R.T.: 5.389 min
Delta R.T.: -0.003 min
Response: 10324762
Conc: 20.70 ng/ml



#20 AR-1242-5

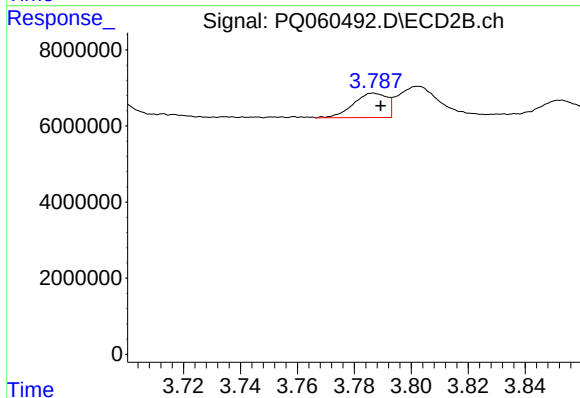
R.T.: 4.532 min
Delta R.T.: -0.005 min
Response: 5361439
Conc: 17.36 ng/ml



#21 AR-1248-1

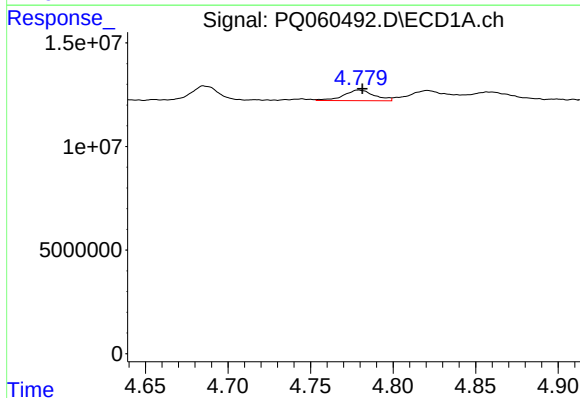
R.T.: 4.519 min
Delta R.T.: -0.002 min
Response: 9785394
Conc: 20.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



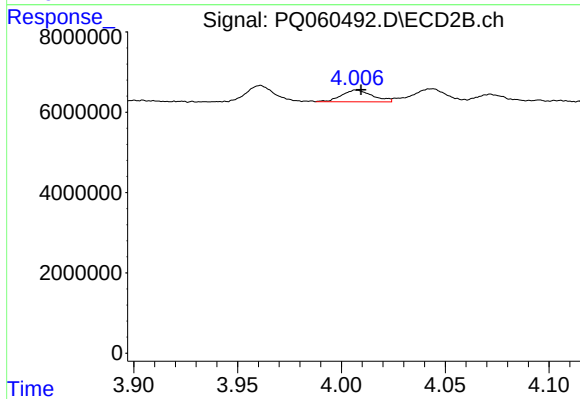
#21 AR-1248-1

R.T.: 3.787 min
Delta R.T.: -0.002 min
Response: 5220741
Conc: 21.31 ng/ml



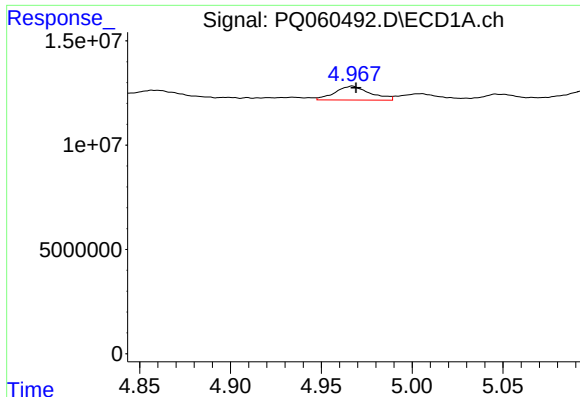
#22 AR-1248-2

R.T.: 4.779 min
Delta R.T.: -0.002 min
Response: 6554777
Conc: 10.54 ng/ml



#22 AR-1248-2

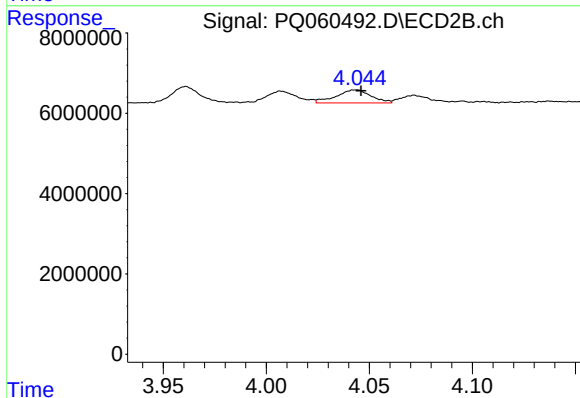
R.T.: 4.007 min
Delta R.T.: -0.002 min
Response: 3019673
Conc: 8.77 ng/ml



#23 AR-1248-3

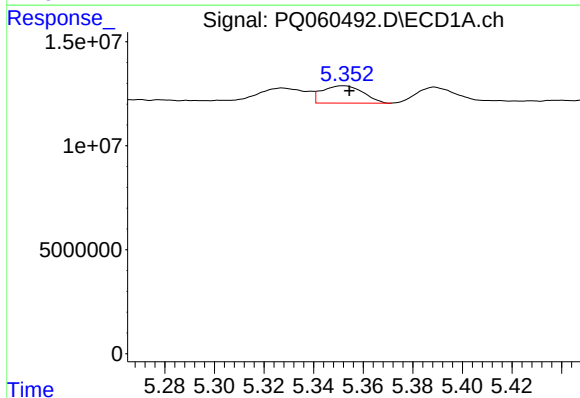
R.T.: 4.967 min
Delta R.T.: -0.002 min
Response: 8976604
Conc: 11.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



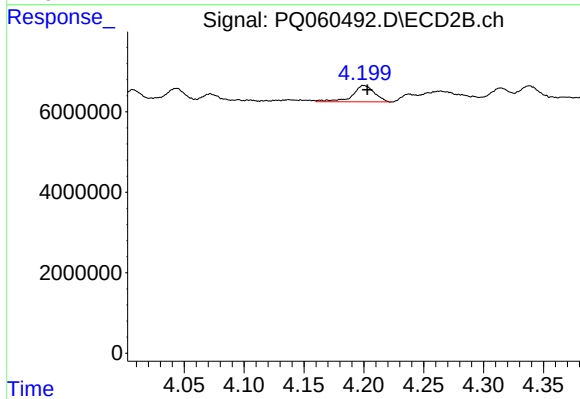
#23 AR-1248-3

R.T.: 4.044 min
Delta R.T.: -0.002 min
Response: 3835410
Conc: 11.00 ng/ml



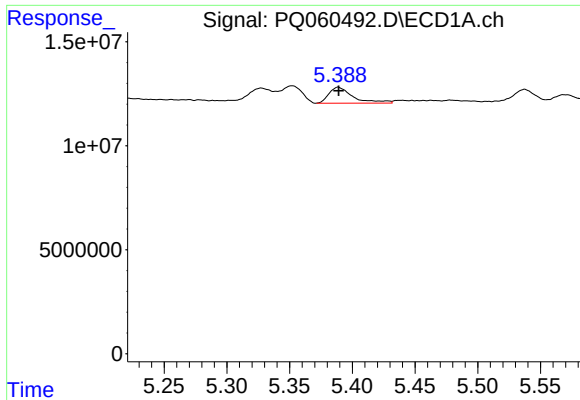
#24 AR-1248-4

R.T.: 5.352 min
Delta R.T.: -0.003 min
Response: 9509885
Conc: 11.39 ng/ml



#24 AR-1248-4

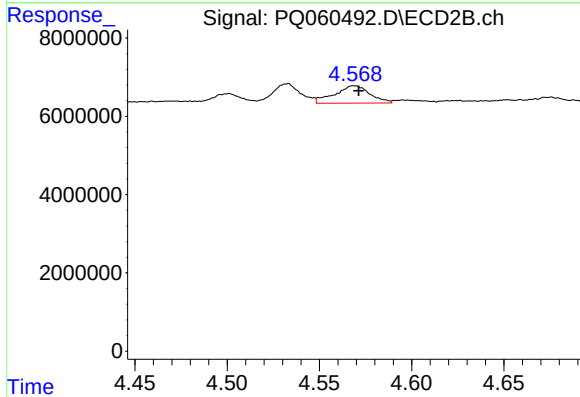
R.T.: 4.200 min
Delta R.T.: -0.003 min
Response: 5222788
Conc: 12.34 ng/ml



#25 AR-1248-5

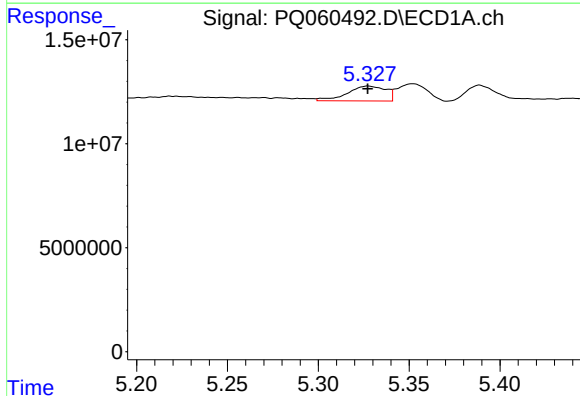
R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 10324762
Conc: 12.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



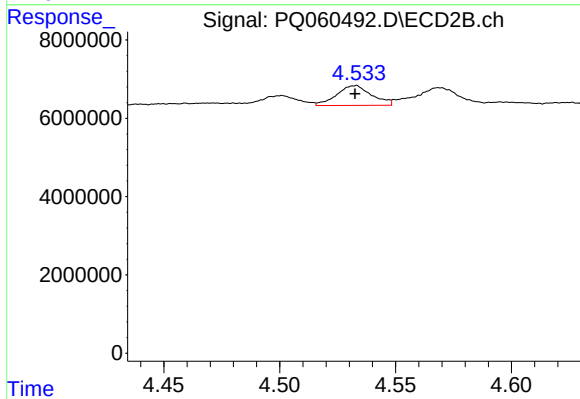
#25 AR-1248-5

R.T.: 4.569 min
Delta R.T.: -0.002 min
Response: 5922036
Conc: 13.91 ng/ml



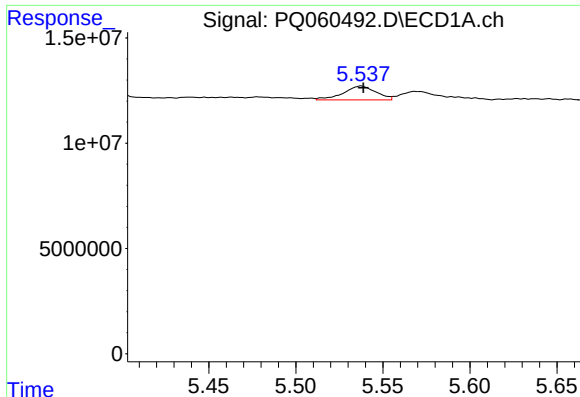
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: 0.000 min
Response: 10568325
Conc: 12.63 ng/ml



#26 AR-1254-1

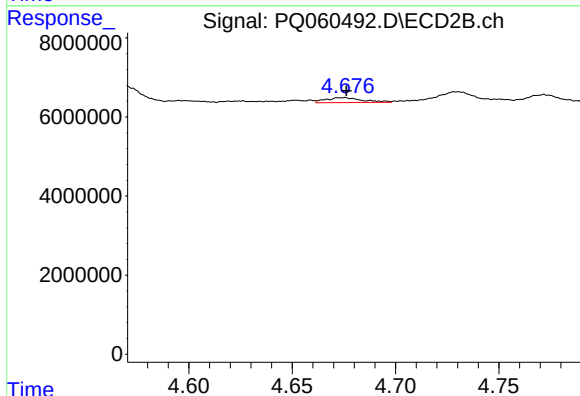
R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 5361439
Conc: 8.28 ng/ml



#27 AR-1254-2

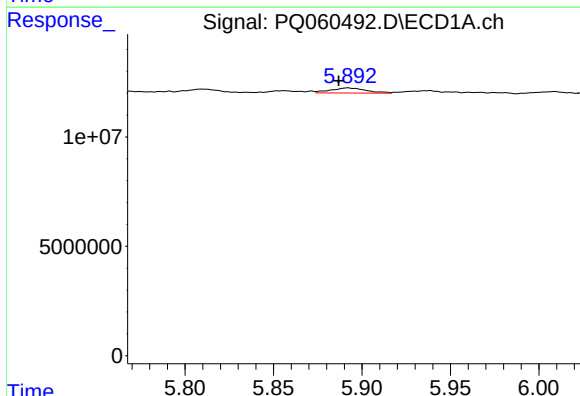
R.T.: 5.537 min
Delta R.T.: -0.001 min
Response: 8643499
Conc: 6.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



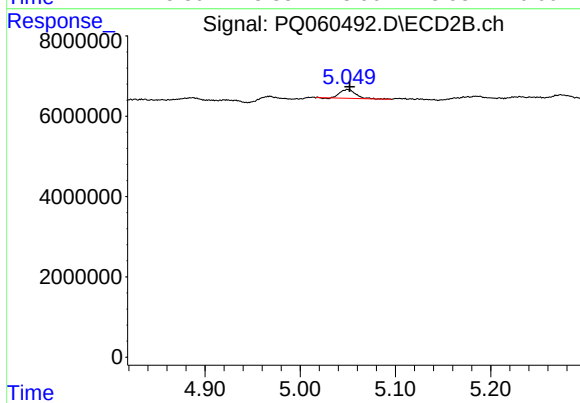
#27 AR-1254-2

R.T.: 4.675 min
Delta R.T.: -0.001 min
Response: 1533896
Conc: 2.78 ng/ml



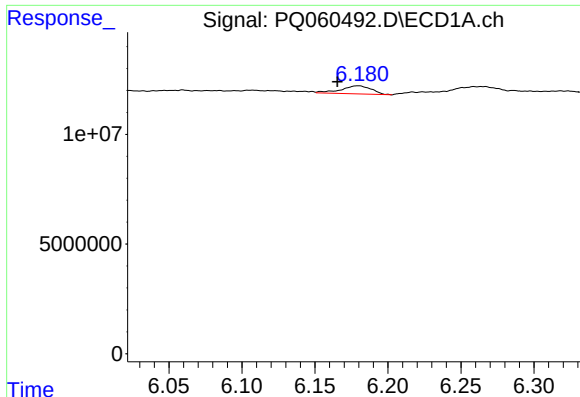
#28 AR-1254-3

R.T.: 5.892 min
Delta R.T.: 0.005 min
Response: 3249543
Conc: 2.39 ng/ml



#28 AR-1254-3

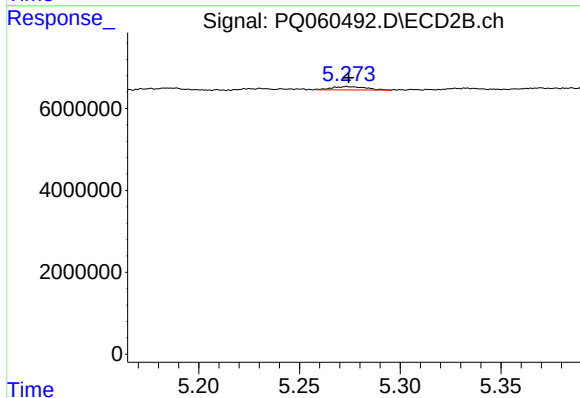
R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 2572866
Conc: 3.00 ng/ml



#29 AR-1254-4

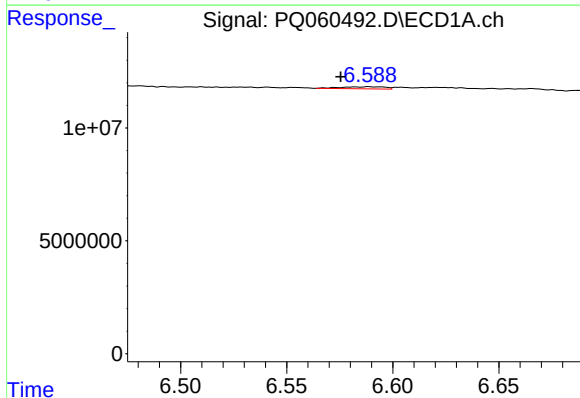
R.T.: 6.180 min
Delta R.T.: 0.014 min
Response: 5419550
Conc: 5.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



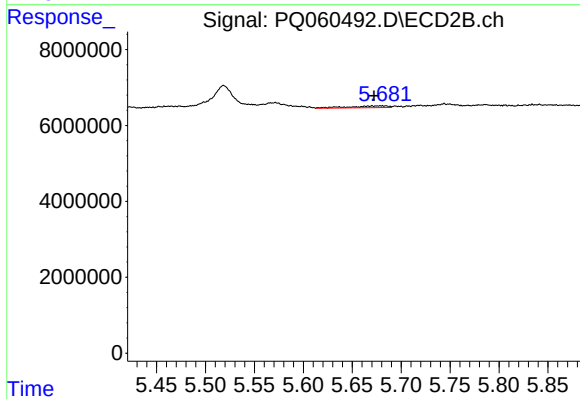
#29 AR-1254-4

R.T.: 5.274 min
Delta R.T.: 0.000 min
Response: 960450
Conc: 1.72 ng/ml



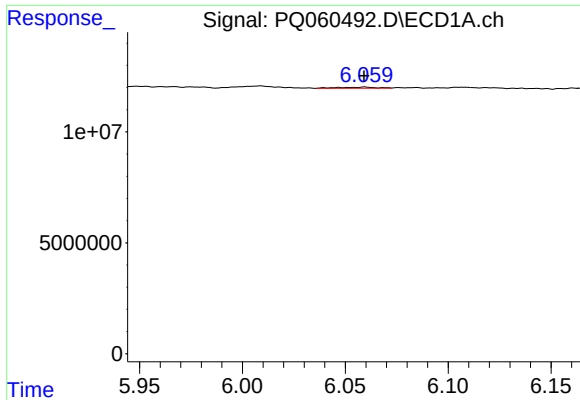
#30 AR-1254-5

R.T.: 6.589 min
Delta R.T.: 0.013 min
Response: 1339531
Conc: 1.28 ng/ml



#30 AR-1254-5

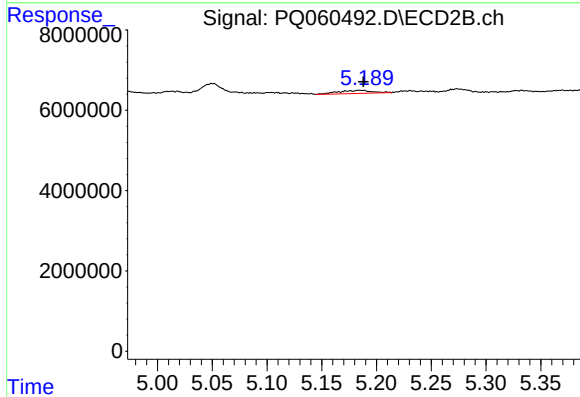
R.T.: 5.671 min
Delta R.T.: -0.002 min
Response: 1231345
Conc: 1.52 ng/ml



#31 AR-1260-1

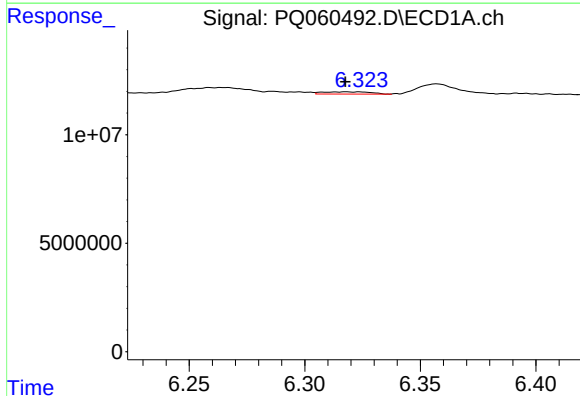
R.T.: 6.060 min
Delta R.T.: 0.000 min
Response: 664356
Conc: 0.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



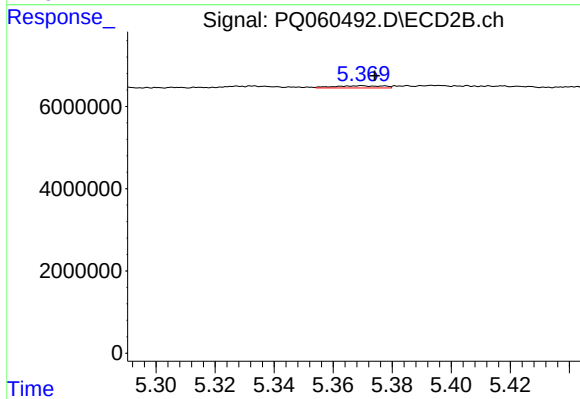
#31 AR-1260-1

R.T.: 5.184 min
Delta R.T.: -0.004 min
Response: 1653756
Conc: 2.69 ng/ml



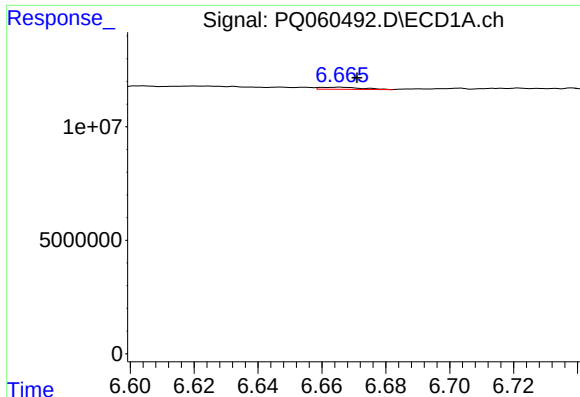
#32 AR-1260-2

R.T.: 6.318 min
Delta R.T.: 0.000 min
Response: 1476799
Conc: 1.19 ng/ml



#32 AR-1260-2

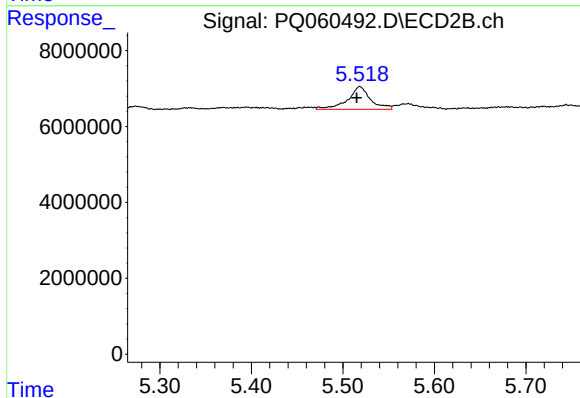
R.T.: 5.370 min
Delta R.T.: -0.005 min
Response: 610316
Conc: 0.82 ng/ml



#33 AR-1260-3

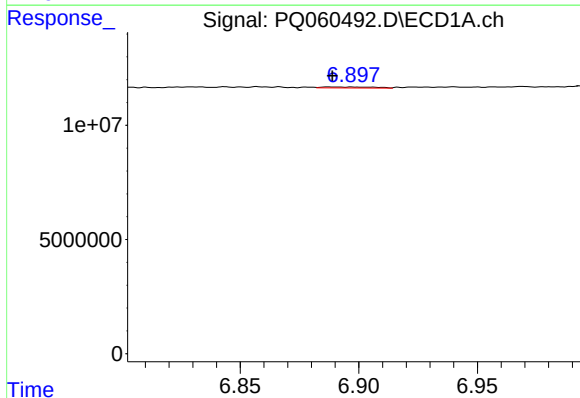
R.T.: 6.666 min
Delta R.T.: -0.005 min
Response: 799075
Conc: 0.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



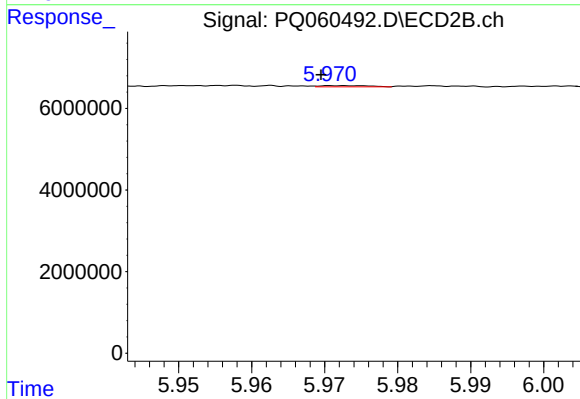
#33 AR-1260-3

R.T.: 5.519 min
Delta R.T.: 0.003 min
Response: 10397380
Conc: 14.31 ng/ml



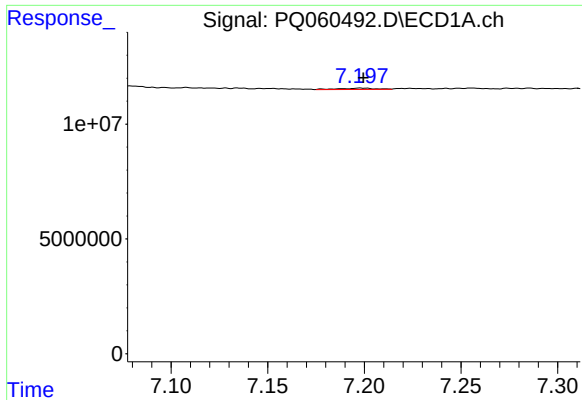
#34 AR-1260-4

R.T.: 6.887 min
Delta R.T.: -0.001 min
Response: 648453
Conc: 0.66 ng/ml



#34 AR-1260-4

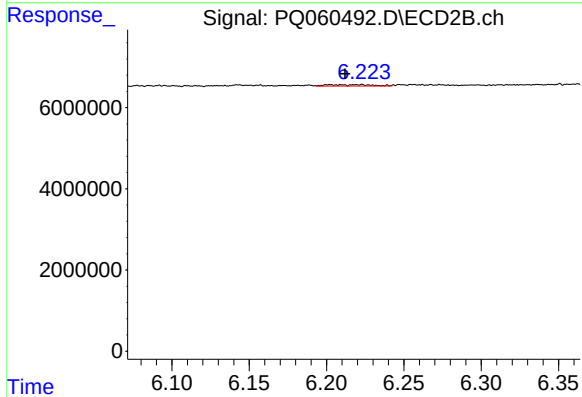
R.T.: 5.973 min
Delta R.T.: 0.003 min
Response: 136510
Conc: 0.23 ng/ml



#35 AR-1260-5

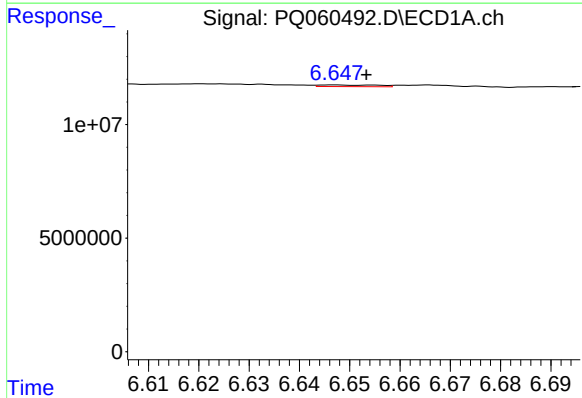
R.T.: 7.198 min
Delta R.T.: -0.001 min
Response: 712558
Conc: 0.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



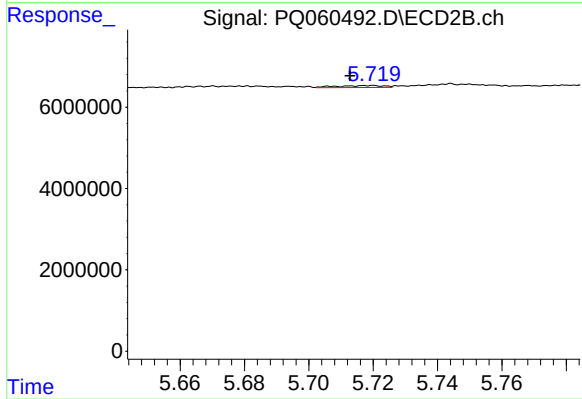
#35 AR-1260-5

R.T.: 6.202 min
Delta R.T.: -0.010 min
Response: 682530
Conc: 0.50 ng/ml



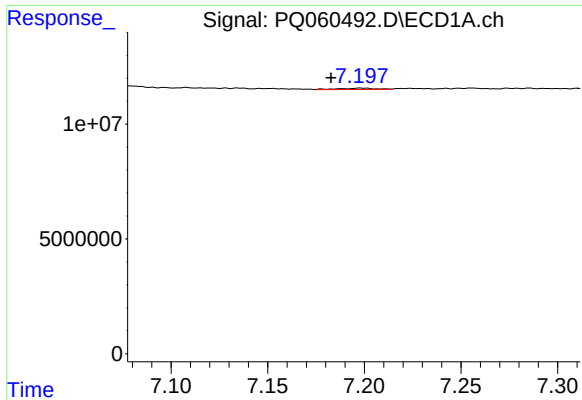
#36 AR-1262-1

R.T.: 6.647 min
Delta R.T.: -0.006 min
Response: 628578
Conc: 0.55 ng/ml



#36 AR-1262-1

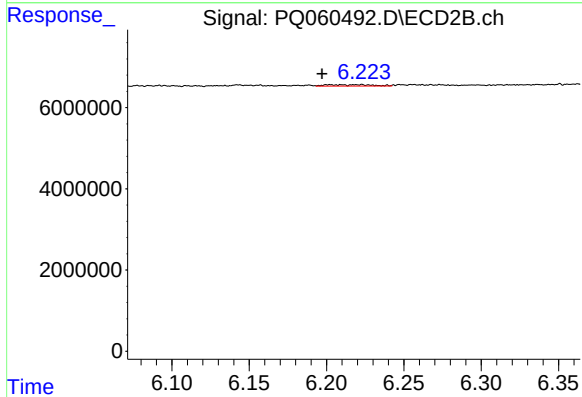
R.T.: 5.719 min
Delta R.T.: 0.006 min
Response: 477182
Conc: 0.61 ng/ml



#37 AR-1262-2

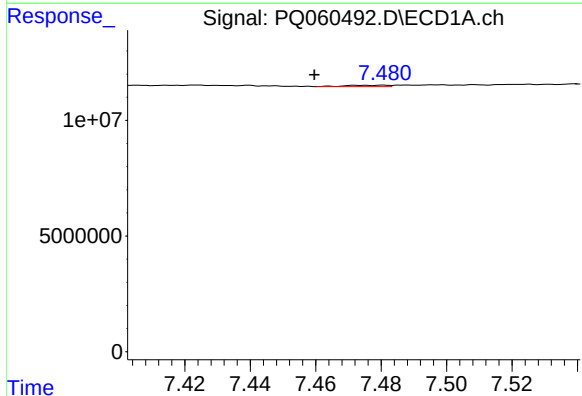
R.T.: 7.198 min
Delta R.T.: 0.015 min
Response: 712558
Conc: 0.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



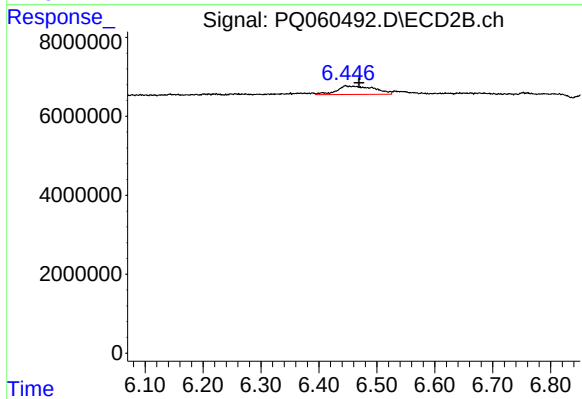
#37 AR-1262-2

R.T.: 6.202 min
Delta R.T.: 0.005 min
Response: 682530
Conc: 0.48 ng/ml



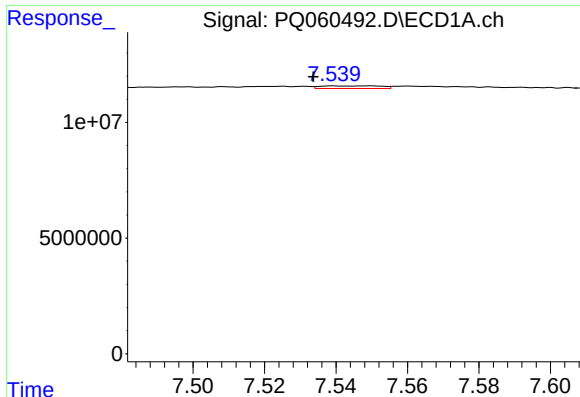
#38 AR-1262-3

R.T.: 7.473 min
Delta R.T.: 0.013 min
Response: 514335
Conc: 0.39 ng/ml



#38 AR-1262-3

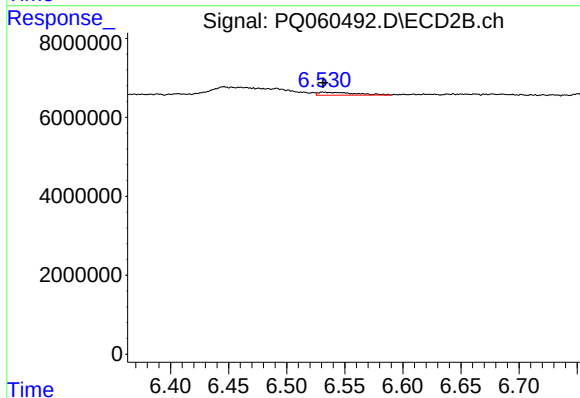
R.T.: 6.447 min
Delta R.T.: -0.022 min
Response: 9685820
Conc: 17.06 ng/ml



#39 AR-1262-4

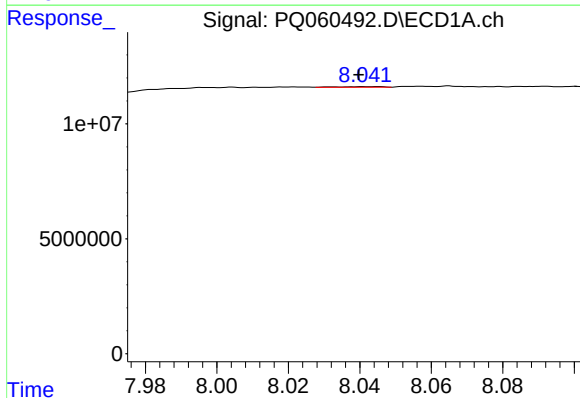
R.T.: 7.539 min
Delta R.T.: 0.005 min
Response: 1368929
Conc: 1.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



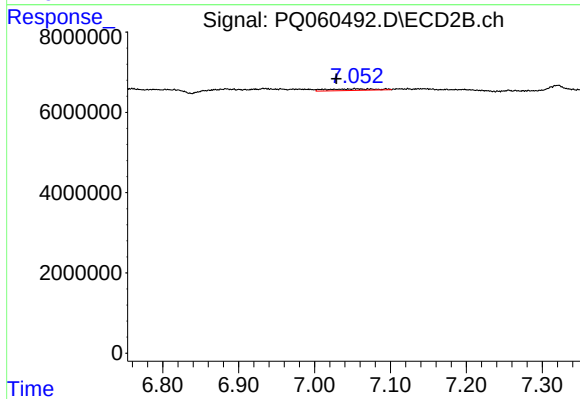
#39 AR-1262-4

R.T.: 6.532 min
Delta R.T.: 0.001 min
Response: 1653402
Conc: 1.55 ng/ml



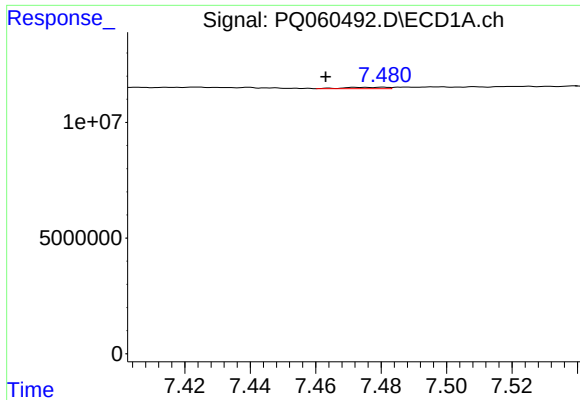
#40 AR-1262-5

R.T.: 8.045 min
Delta R.T.: 0.005 min
Response: 250311
Conc: 0.38 ng/ml



#40 AR-1262-5

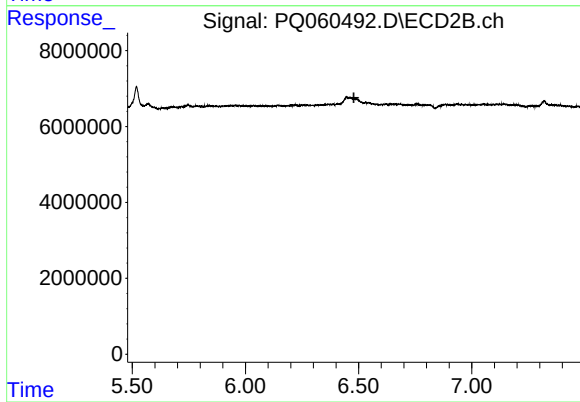
R.T.: 7.054 min
Delta R.T.: 0.025 min
Response: 1755182
Conc: 3.39 ng/ml



#41 AR-1268-1

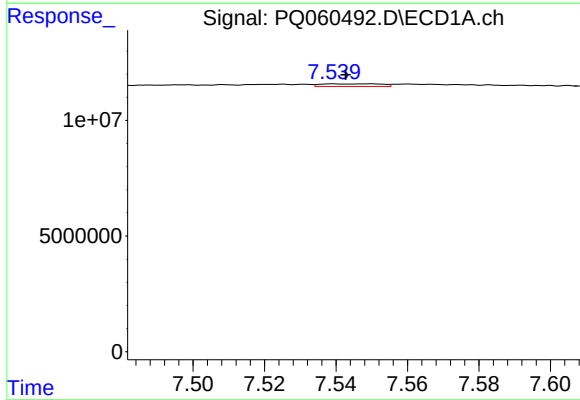
R.T.: 7.473 min
Delta R.T.: 0.010 min
Response: 514335
Conc: 0.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



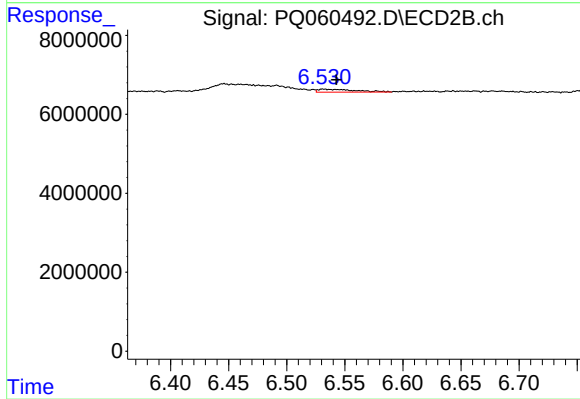
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 6.479 min
Response: 0
Conc: N.D.



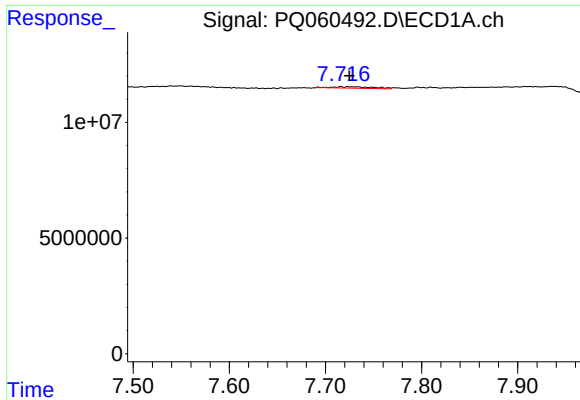
#42 AR-1268-2

R.T.: 7.539 min
Delta R.T.: -0.004 min
Response: 1368929
Conc: 0.64 ng/ml



#42 AR-1268-2

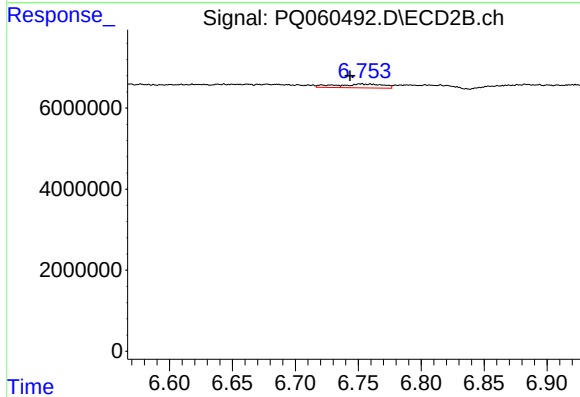
R.T.: 6.532 min
Delta R.T.: -0.010 min
Response: 1653402
Conc: 1.06 ng/ml



#43 AR-1268-3

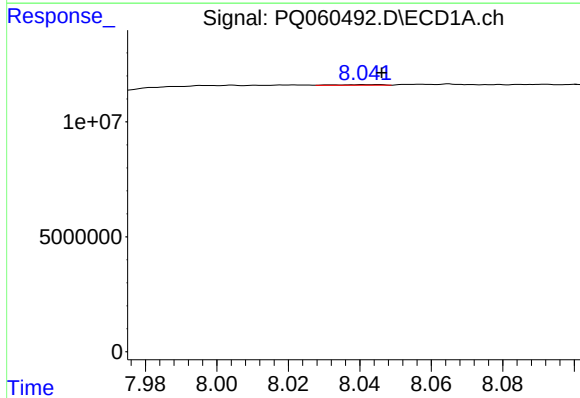
R.T.: 7.716 min
Delta R.T.: -0.009 min
Response: 1920261
Conc: 1.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



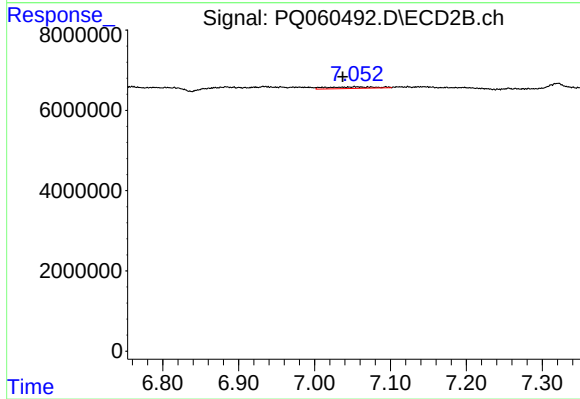
#43 AR-1268-3

R.T.: 6.753 min
Delta R.T.: 0.009 min
Response: 2463749
Conc: 1.81 ng/ml



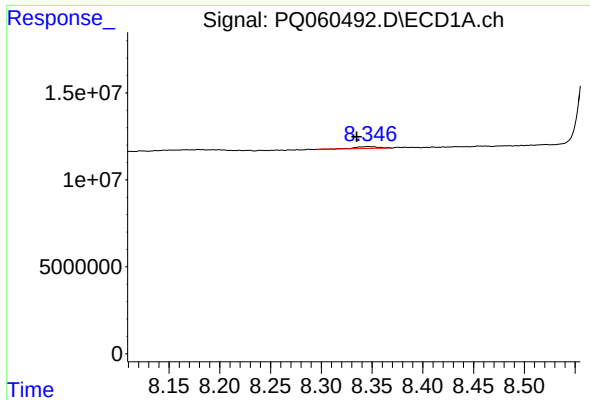
#44 AR-1268-4

R.T.: 8.045 min
Delta R.T.: -0.001 min
Response: 250311
Conc: 0.34 ng/ml



#44 AR-1268-4

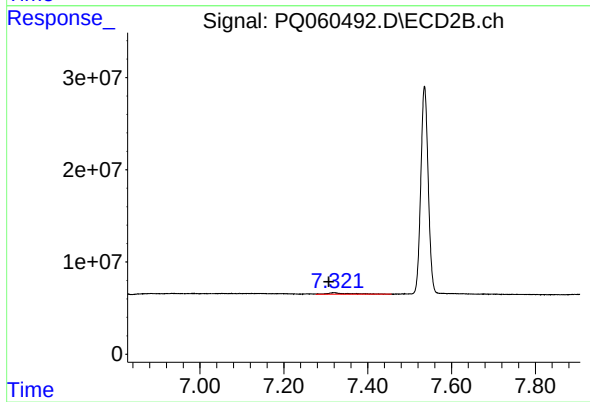
R.T.: 7.054 min
Delta R.T.: 0.017 min
Response: 1755182
Conc: 2.97 ng/ml



#45 AR-1268-5

R.T.: 8.346 min
Delta R.T.: 0.011 min
Response: 1687325
Conc: 0.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.320 min
Delta R.T.: 0.013 min
Response: 5255075
Conc: 1.23 ng/ml