

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022423\
 Data File : PQ060461.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2023 23:46
 Operator : YP\AJ
 Sample : 01627-02
 Misc : AR1232 LOQ 50 PPB
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 08:25:59 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...	3.442	2.798	495.0E6	257.2E6	21.512	22.861
2)	SA Decachlor...	8.571	7.532	316.5E6	254.4E6	23.343	23.705
Target Compounds							
3)	L1 AR-1016-1	4.526	3.796	19610070	9488341	24.668	24.320
4)	L1 AR-1016-2	4.545	3.812	30800184	15981407	25.737	27.091
5)	L1 AR-1016-3	4.602	3.970	21736026	7769705	29.330	24.713
6)	L1 AR-1016-4	4.693	4.017	16350650	5742006	26.358	23.424
7)	L1 AR-1016-5	4.972	4.209	18663456	10068525	31.723	31.527
8)	L2 AR-1221-1	3.637	2.999	12820746	5443492	53.519	48.430
9)	L2 AR-1221-2	3.717	3.073	16224775	7034079	92.820	84.498
10)	L2 AR-1221-3	3.787	3.144	34111035	14855262	65.204	57.496
11)	L3 AR-1232-1	3.787	3.144	34111035	14855262	64.966	55.490
12)	L3 AR-1232-2	4.273	3.812	15560557	15981407	58.266	59.509
13)	L3 AR-1232-3	4.545	3.970	30800184	7769705	56.477	55.791
14)	L3 AR-1232-4	4.693	4.052	16350650	8095193	60.520	68.209
15)	L3 AR-1232-5	4.786	4.209	13335242	10068525	71.439	73.886
16)	L4 AR-1242-1	4.526	3.796	19610070	9488341	31.757	29.507
17)	L4 AR-1242-2	4.545	3.812	30800184	15981407	32.803	33.358
18)	L4 AR-1242-3	4.602	3.970	21736026	7769705	37.630	29.971
19)	L4 AR-1242-4	4.693	4.052	16350650	8095193	33.532	33.821
20)	L4 AR-1242-5	5.393	4.540	22438453	9798804	44.991	31.737 #
21)	L5 AR-1248-1	4.526	3.796	19610070	9488341	41.128	38.736
22)	L5 AR-1248-2	4.786	4.017	13335242	5742006	21.441	16.674
23)	L5 AR-1248-3	4.972	4.052	18663456	8095193	24.626	23.220
24)	L5 AR-1248-4	5.357	4.209	17921983	10068525	21.460	23.790
25)	L5 AR-1248-5	5.393	4.577	22438453	11452635	26.829	26.906
26)	L6 AR-1254-1	5.330	4.540	20673211	9798804	24.714	15.133 #
27)	L6 AR-1254-2	5.541	4.681	16624952	2717300	12.994	4.933 #
28)	L6 AR-1254-3	5.892	5.056	6542587	3569646	4.816	4.163
29)	L6 AR-1254-4	6.175	5.279	7398757	2033001	7.460	3.631 #
30)	L6 AR-1254-5	6.588	5.679	1979717	1371355	1.886	1.692
31)	L7 AR-1260-1	6.056	5.189	783347	2306963	0.748	3.756 #
32)	L7 AR-1260-2	6.316	5.374	3349860	596527	2.701	0.800 #
33)	L7 AR-1260-3	0.000	5.515	0	5679435	N.D.	7.814 #
34)	L7 AR-1260-4	6.883	5.962	116897	262122	0.119	0.445 #
35)	L7 AR-1260-5	7.205	6.210	943424	761243	0.485	0.553
36)	L8 AR-1262-1	0.000	5.727	0	759023	N.D.	0.971 #
37)	L8 AR-1262-2	7.175	6.210	54079	761243	0.027	0.536 #
38)	L8 AR-1262-3	7.487f	6.443f	1096747	7854717	0.838	13.836 #
39)	L8 AR-1262-4	7.525	6.527	779188	868044	0.762	0.813
40)	L8 AR-1262-5	8.046	7.034	747664	508826	1.150	0.983
41)	L9 AR-1268-1	7.487f	0.000	1096747	0	0.480	N.D. #

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 Operator : YP\AJ
 Sample : 01627-02
 Misc : AR1232 LOQ 50 PPB
 ALS Vial : 37 Sample Multiplier: 1

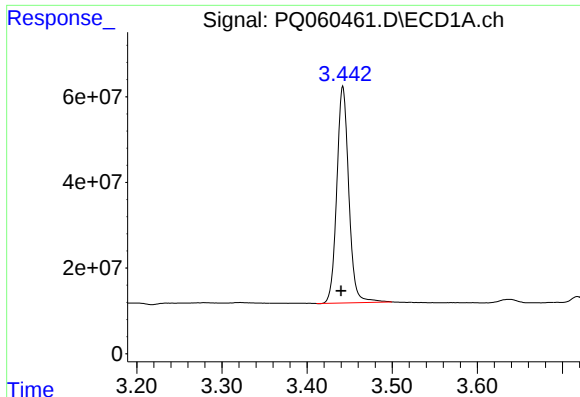
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 08:25:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022423.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
42) L9	AR-1268-2	7.553	6.527f	2403564	868044	1.132	0.558 #
43) L9	AR-1268-3	7.719	6.751	641882	3849831	0.369	2.829 #
44) L9	AR-1268-4	8.046	7.034	747664	508826	1.006	0.862
45) L9	AR-1268-5	8.342	7.315	2127838	3882413	0.413	0.910 #

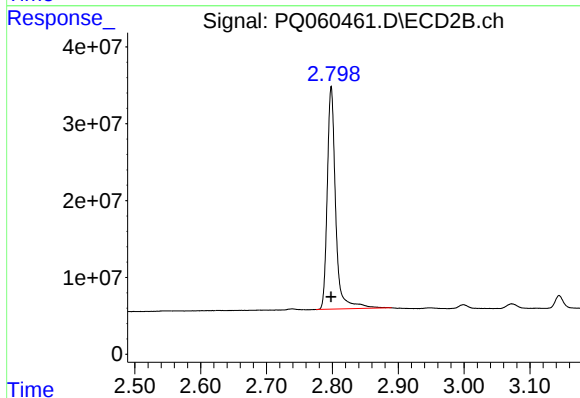
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

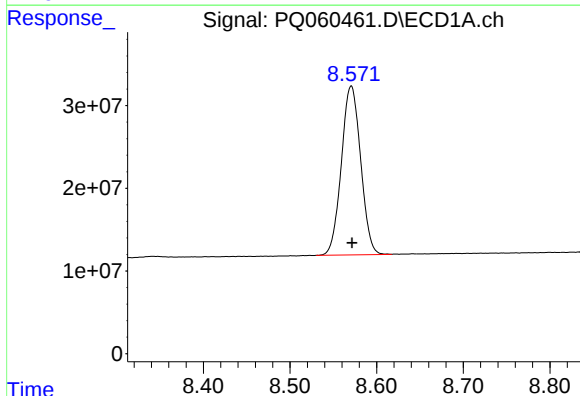
R.T.: 3.442 min
Delta R.T.: 0.002 min
Response: 494998814
Conc: 21.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



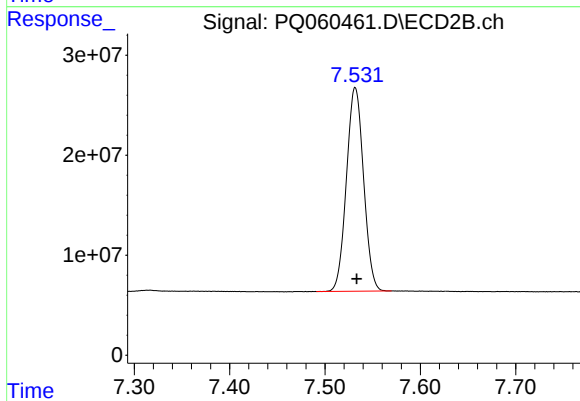
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.000 min
Response: 257187270
Conc: 22.86 ng/ml



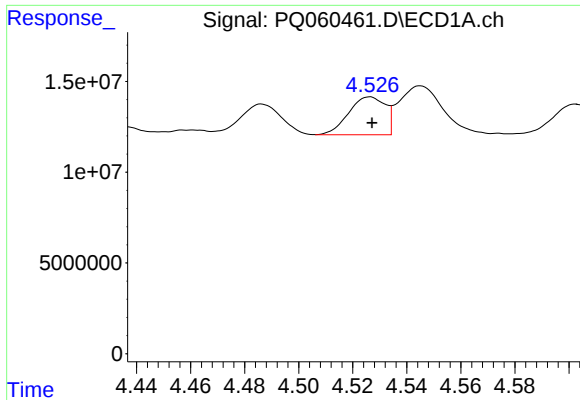
#2 Decachlorobiphenyl

R.T.: 8.571 min
Delta R.T.: -0.001 min
Response: 316506517
Conc: 23.34 ng/ml



#2 Decachlorobiphenyl

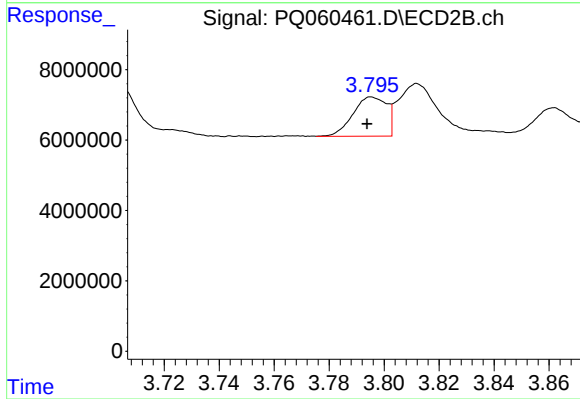
R.T.: 7.532 min
Delta R.T.: -0.001 min
Response: 254406672
Conc: 23.70 ng/ml



#3 AR-1016-1

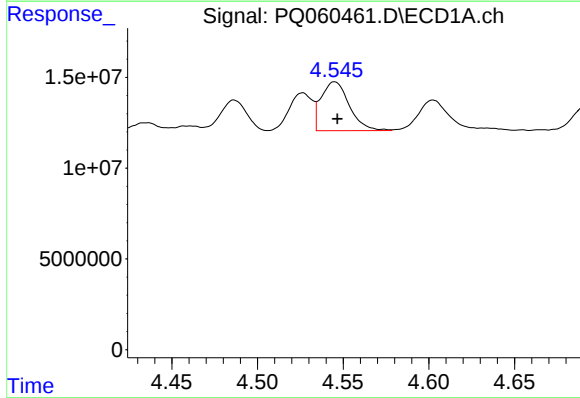
R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 19610070
Conc: 24.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



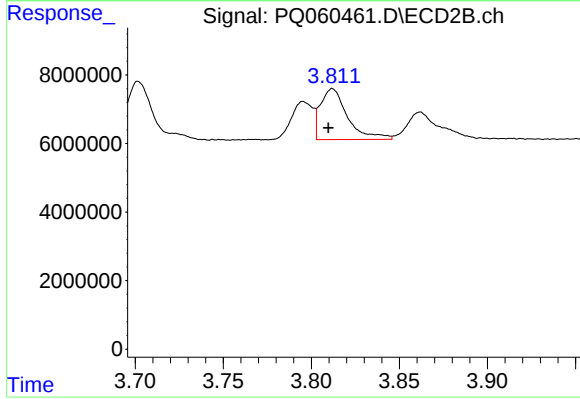
#3 AR-1016-1

R.T.: 3.796 min
Delta R.T.: 0.002 min
Response: 9488341
Conc: 24.32 ng/ml



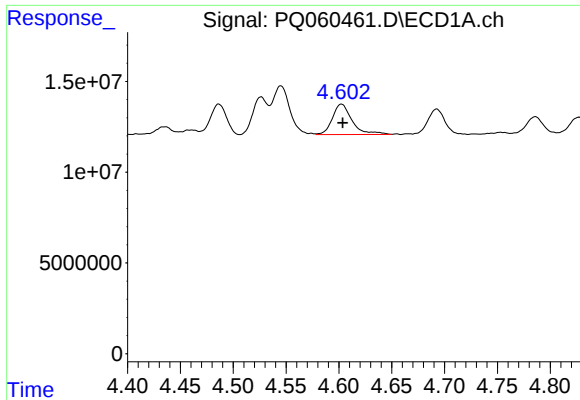
#4 AR-1016-2

R.T.: 4.545 min
Delta R.T.: -0.001 min
Response: 30800184
Conc: 25.74 ng/ml



#4 AR-1016-2

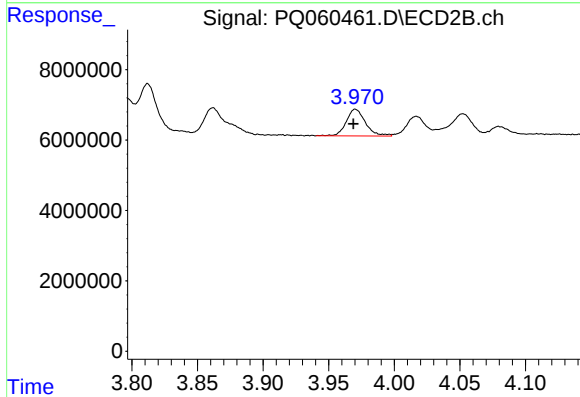
R.T.: 3.812 min
Delta R.T.: 0.002 min
Response: 15981407
Conc: 27.09 ng/ml



#5 AR-1016-3

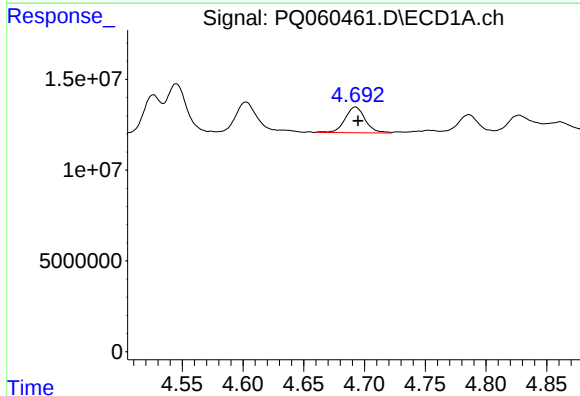
R.T.: 4.602 min
Delta R.T.: -0.001 min
Response: 21736026
Conc: 29.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



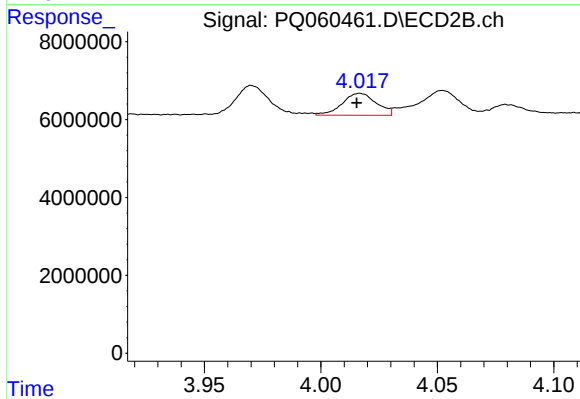
#5 AR-1016-3

R.T.: 3.970 min
Delta R.T.: 0.001 min
Response: 7769705
Conc: 24.71 ng/ml



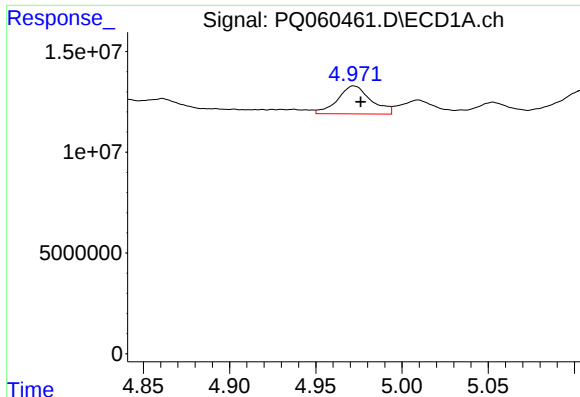
#6 AR-1016-4

R.T.: 4.693 min
Delta R.T.: -0.002 min
Response: 16350650
Conc: 26.36 ng/ml



#6 AR-1016-4

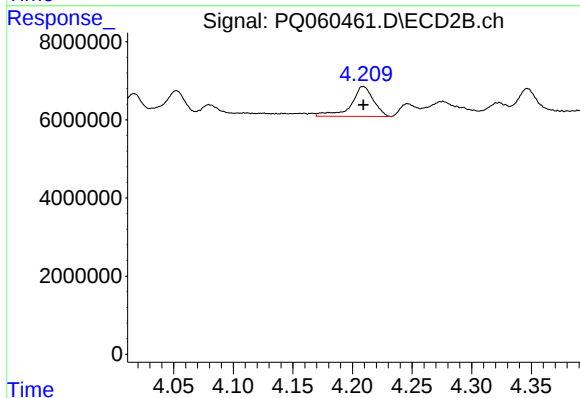
R.T.: 4.017 min
Delta R.T.: 0.001 min
Response: 5742006
Conc: 23.42 ng/ml



#7 AR-1016-5

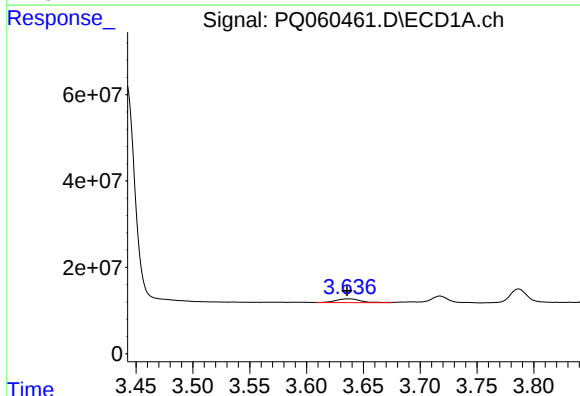
R.T.: 4.972 min
Delta R.T.: -0.004 min
Response: 18663456
Conc: 31.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



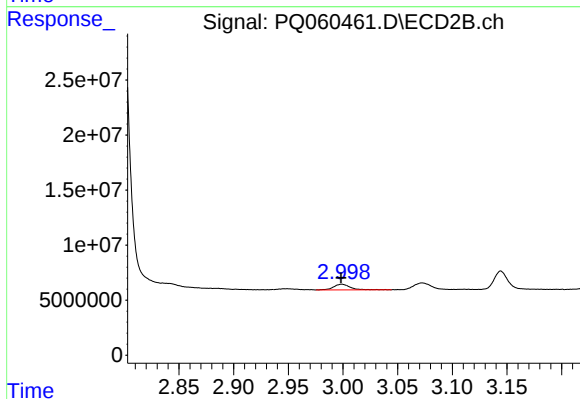
#7 AR-1016-5

R.T.: 4.209 min
Delta R.T.: 0.000 min
Response: 10068525
Conc: 31.53 ng/ml



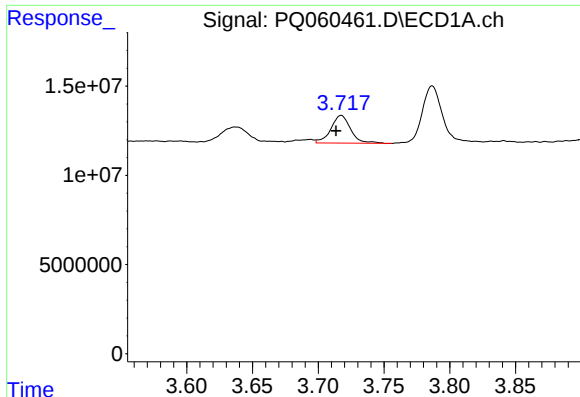
#8 AR-1221-1

R.T.: 3.637 min
Delta R.T.: 0.002 min
Response: 12820746
Conc: 53.52 ng/ml



#8 AR-1221-1

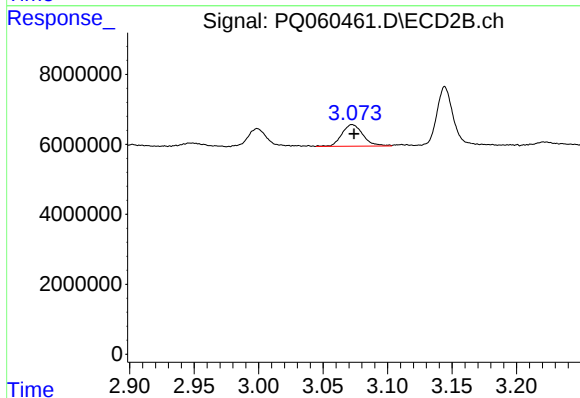
R.T.: 2.999 min
Delta R.T.: 0.000 min
Response: 5443492
Conc: 48.43 ng/ml



#9 AR-1221-2

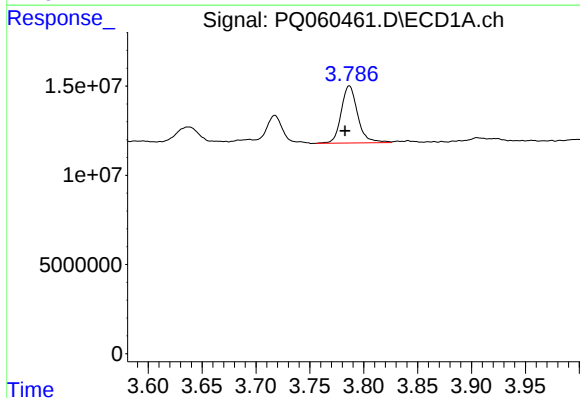
R.T.: 3.717 min
Delta R.T.: 0.004 min
Response: 16224775
Conc: 92.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



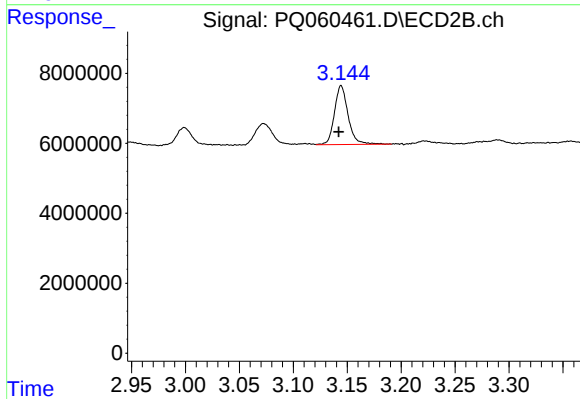
#9 AR-1221-2

R.T.: 3.073 min
Delta R.T.: -0.001 min
Response: 7034079
Conc: 84.50 ng/ml



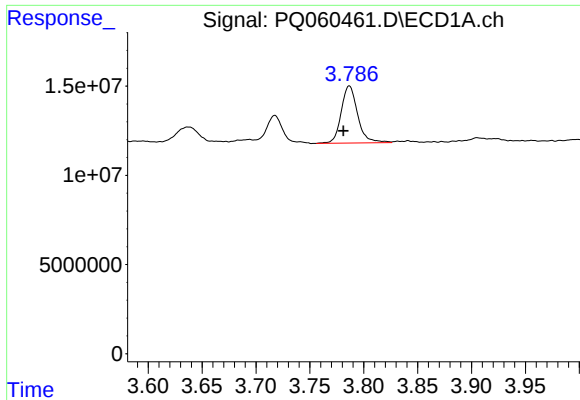
#10 AR-1221-3

R.T.: 3.787 min
Delta R.T.: 0.004 min
Response: 34111035
Conc: 65.20 ng/ml



#10 AR-1221-3

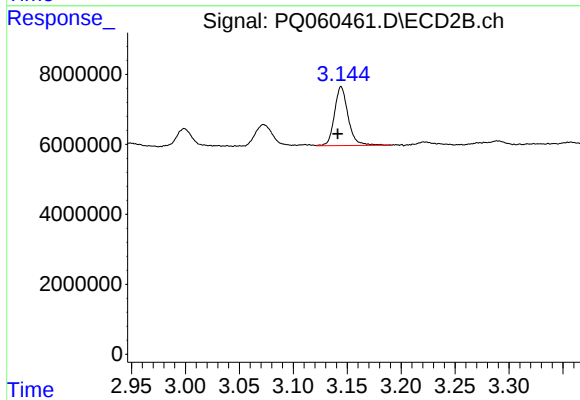
R.T.: 3.144 min
Delta R.T.: 0.002 min
Response: 14855262
Conc: 57.50 ng/ml



#11 AR-1232-1

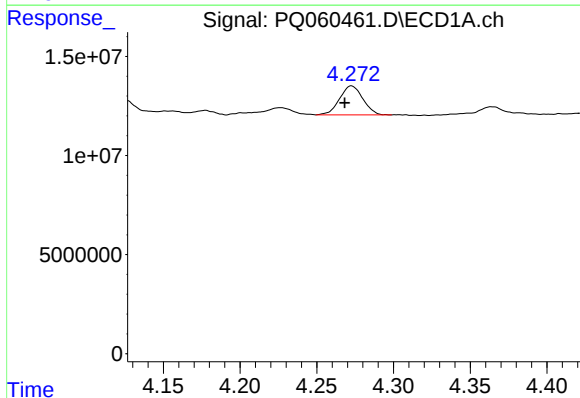
R.T.: 3.787 min
Delta R.T.: 0.006 min
Response: 34111035
Conc: 64.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



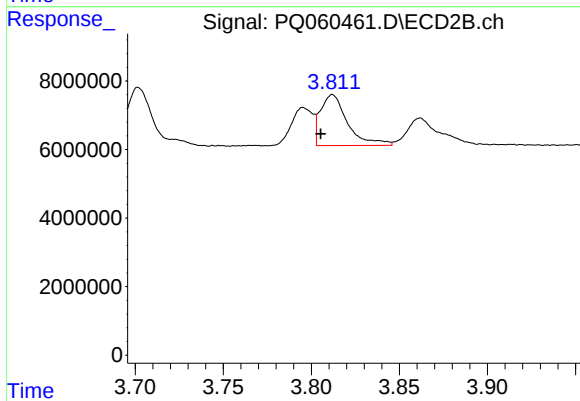
#11 AR-1232-1

R.T.: 3.144 min
Delta R.T.: 0.003 min
Response: 14855262
Conc: 55.49 ng/ml



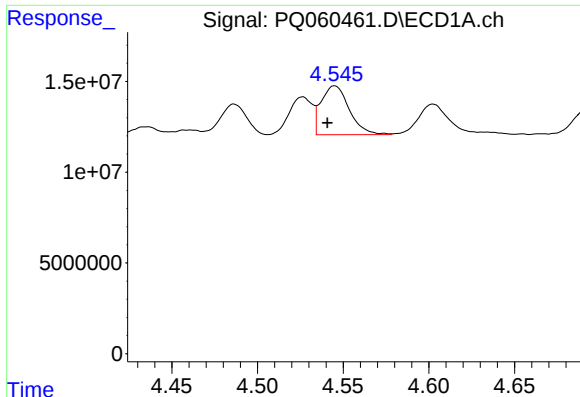
#12 AR-1232-2

R.T.: 4.273 min
Delta R.T.: 0.004 min
Response: 15560557
Conc: 58.27 ng/ml



#12 AR-1232-2

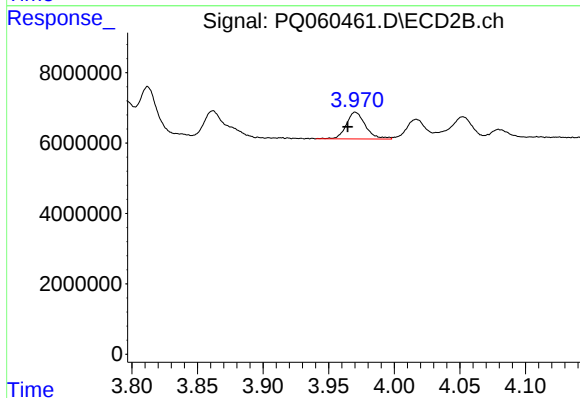
R.T.: 3.812 min
Delta R.T.: 0.007 min
Response: 15981407
Conc: 59.51 ng/ml



#13 AR-1232-3

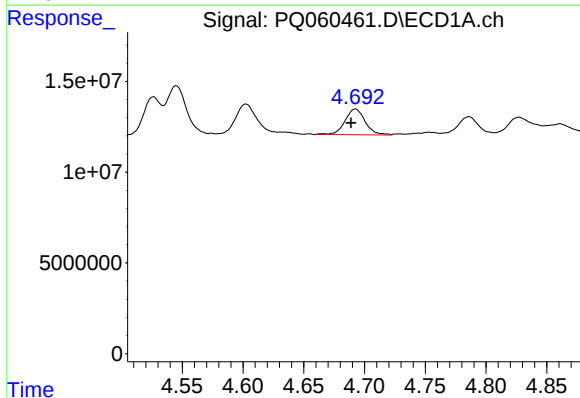
R.T.: 4.545 min
Delta R.T.: 0.004 min
Response: 30800184
Conc: 56.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



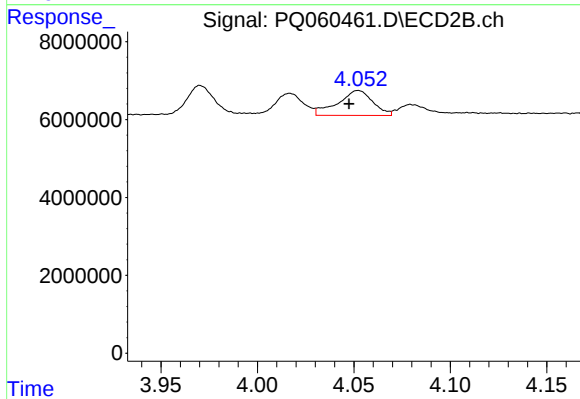
#13 AR-1232-3

R.T.: 3.970 min
Delta R.T.: 0.006 min
Response: 7769705
Conc: 55.79 ng/ml



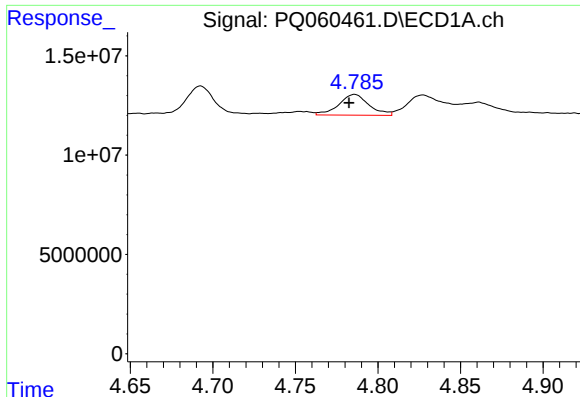
#14 AR-1232-4

R.T.: 4.693 min
Delta R.T.: 0.004 min
Response: 16350650
Conc: 60.52 ng/ml



#14 AR-1232-4

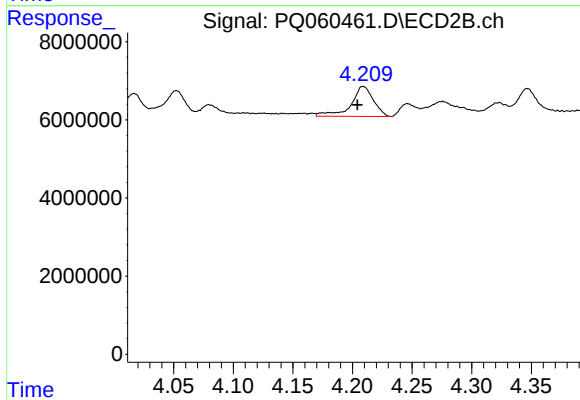
R.T.: 4.052 min
Delta R.T.: 0.005 min
Response: 8095193
Conc: 68.21 ng/ml



#15 AR-1232-5

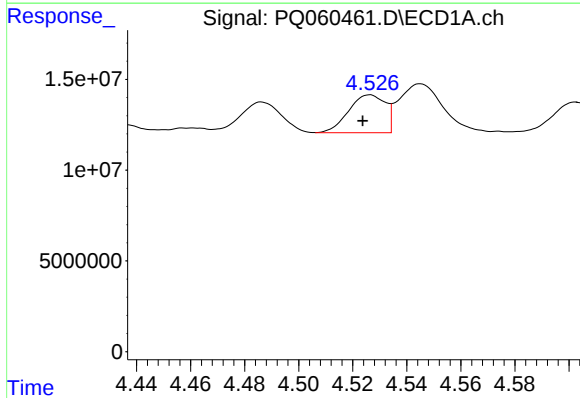
R.T.: 4.786 min
Delta R.T.: 0.004 min
Response: 13335242
Conc: 71.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



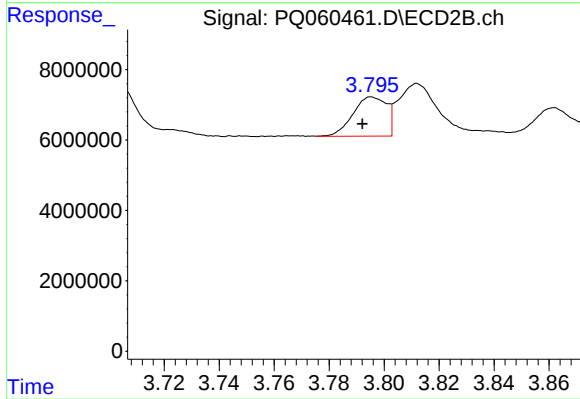
#15 AR-1232-5

R.T.: 4.209 min
Delta R.T.: 0.005 min
Response: 10068525
Conc: 73.89 ng/ml



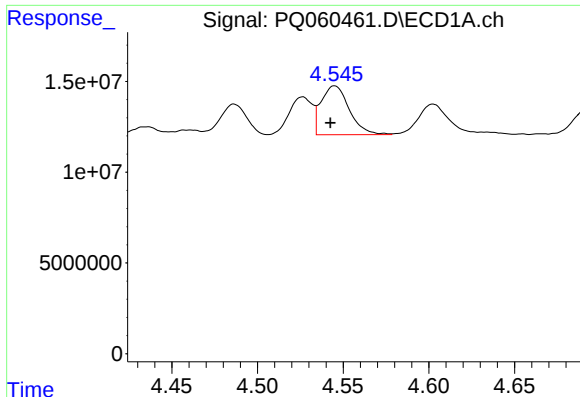
#16 AR-1242-1

R.T.: 4.526 min
Delta R.T.: 0.003 min
Response: 19610070
Conc: 31.76 ng/ml



#16 AR-1242-1

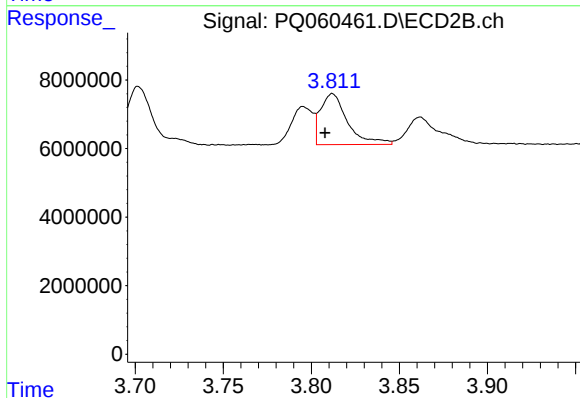
R.T.: 3.796 min
Delta R.T.: 0.003 min
Response: 9488341
Conc: 29.51 ng/ml



#17 AR-1242-2

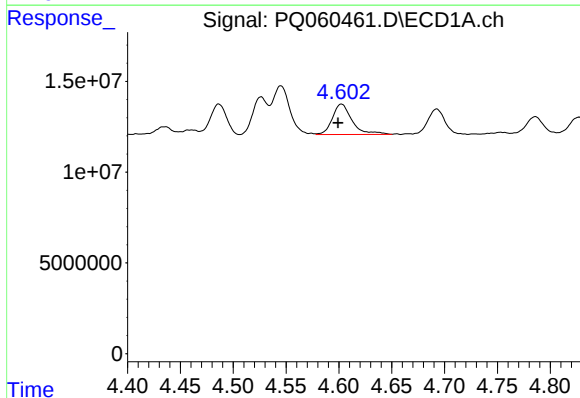
R.T.: 4.545 min
Delta R.T.: 0.002 min
Response: 30800184
Conc: 32.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



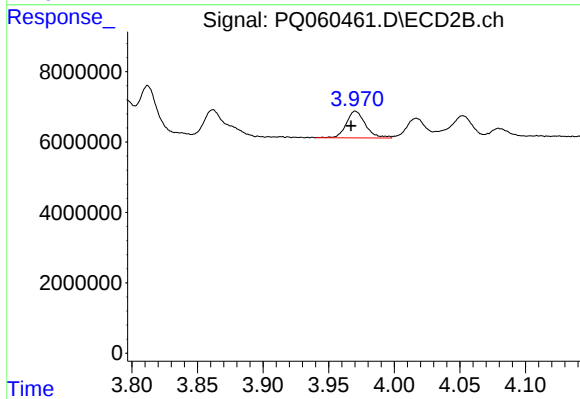
#17 AR-1242-2

R.T.: 3.812 min
Delta R.T.: 0.004 min
Response: 15981407
Conc: 33.36 ng/ml



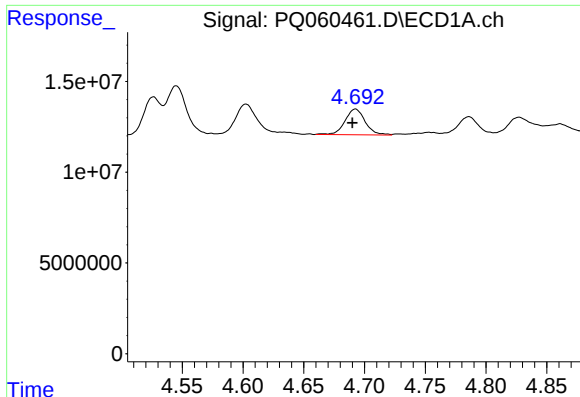
#18 AR-1242-3

R.T.: 4.602 min
Delta R.T.: 0.003 min
Response: 21736026
Conc: 37.63 ng/ml



#18 AR-1242-3

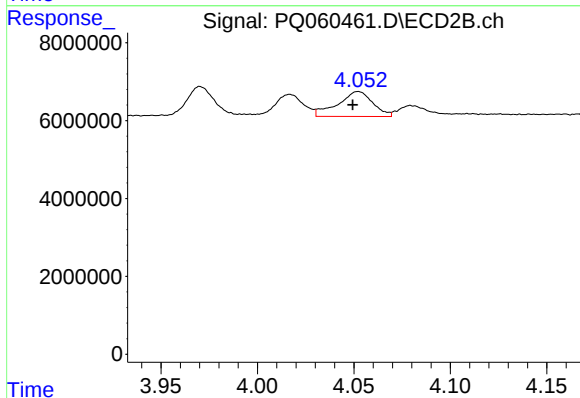
R.T.: 3.970 min
Delta R.T.: 0.003 min
Response: 7769705
Conc: 29.97 ng/ml



#19 AR-1242-4

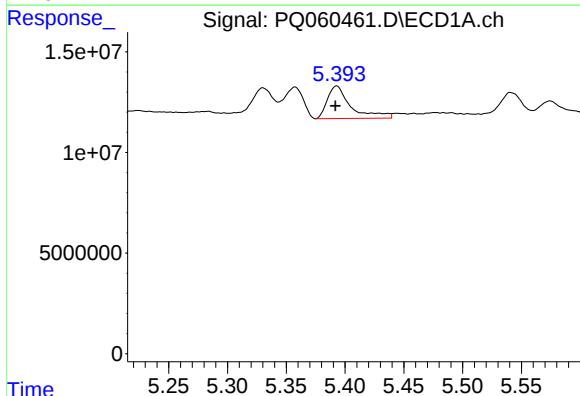
R.T.: 4.693 min
Delta R.T.: 0.003 min
Response: 16350650
Conc: 33.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



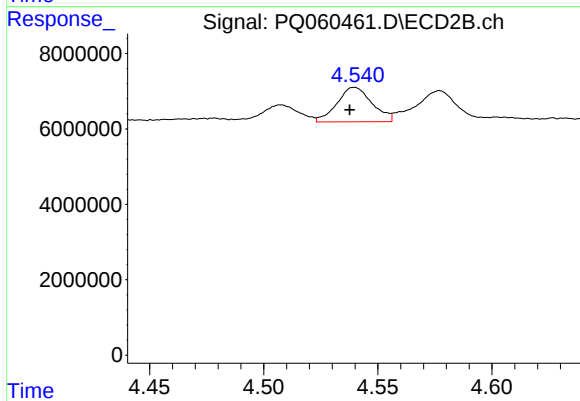
#19 AR-1242-4

R.T.: 4.052 min
Delta R.T.: 0.003 min
Response: 8095193
Conc: 33.82 ng/ml



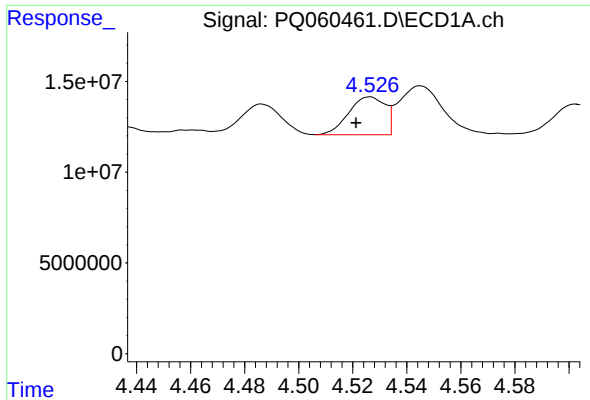
#20 AR-1242-5

R.T.: 5.393 min
Delta R.T.: 0.001 min
Response: 22438453
Conc: 44.99 ng/ml



#20 AR-1242-5

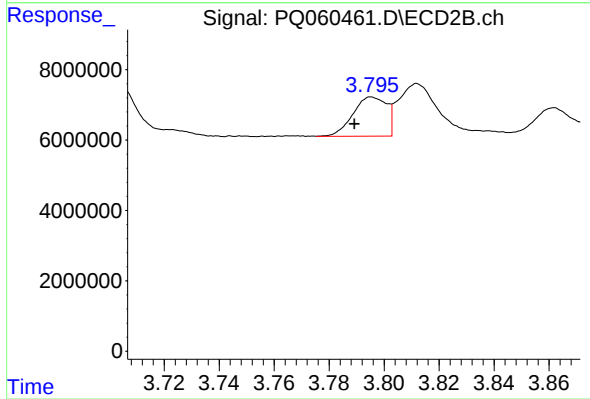
R.T.: 4.540 min
Delta R.T.: 0.002 min
Response: 9798804
Conc: 31.74 ng/ml



#21 AR-1248-1

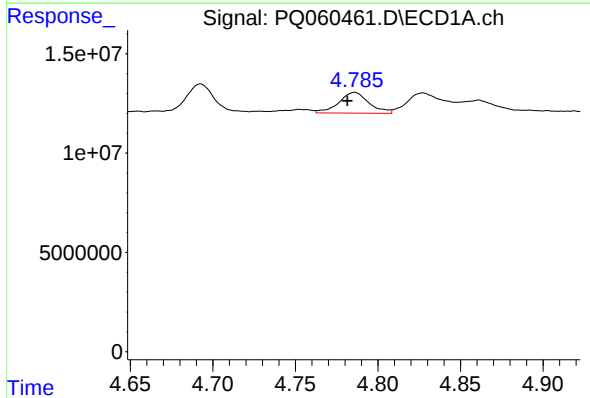
R.T.: 4.526 min
Delta R.T.: 0.005 min
Response: 19610070
Conc: 41.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



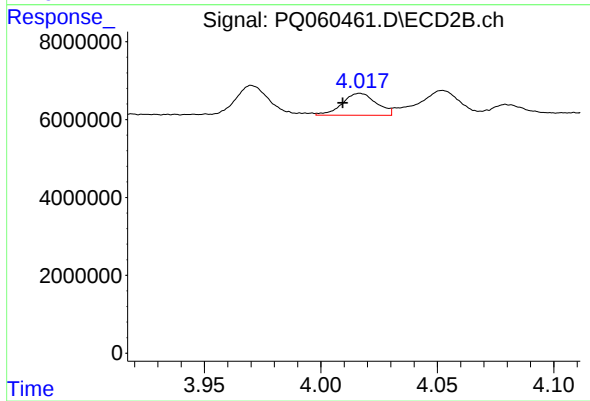
#21 AR-1248-1

R.T.: 3.796 min
Delta R.T.: 0.006 min
Response: 9488341
Conc: 38.74 ng/ml



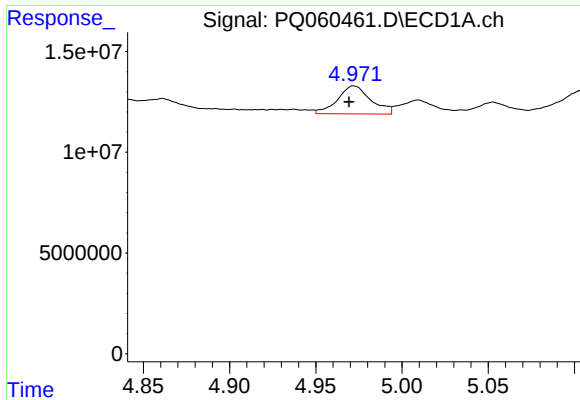
#22 AR-1248-2

R.T.: 4.786 min
Delta R.T.: 0.004 min
Response: 13335242
Conc: 21.44 ng/ml



#22 AR-1248-2

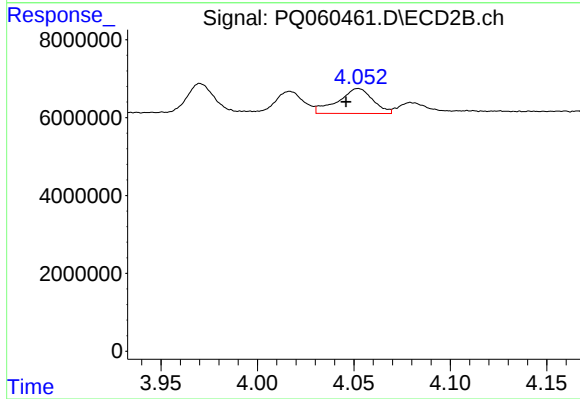
R.T.: 4.017 min
Delta R.T.: 0.007 min
Response: 5742006
Conc: 16.67 ng/ml



#23 AR-1248-3

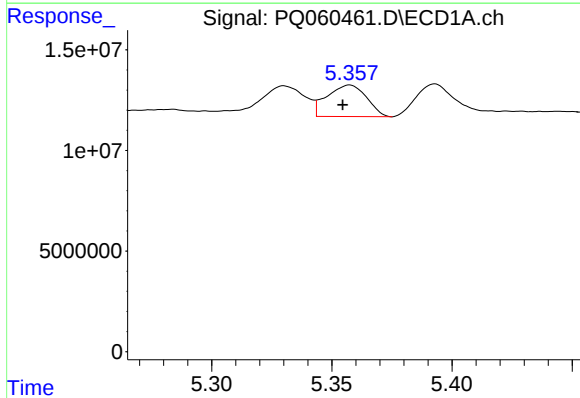
R.T.: 4.972 min
Delta R.T.: 0.003 min
Response: 18663456
Conc: 24.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



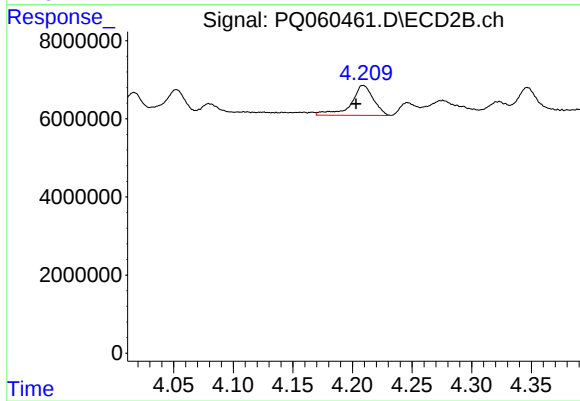
#23 AR-1248-3

R.T.: 4.052 min
Delta R.T.: 0.006 min
Response: 8095193
Conc: 23.22 ng/ml



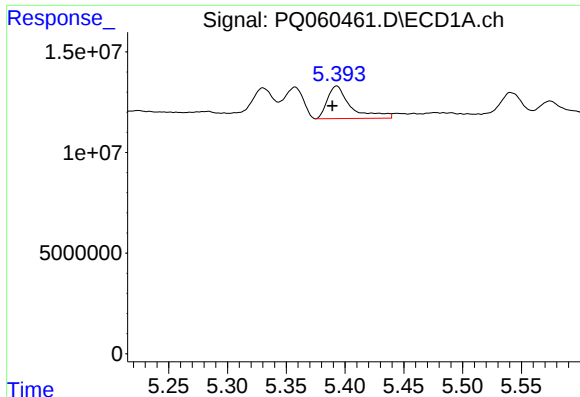
#24 AR-1248-4

R.T.: 5.357 min
Delta R.T.: 0.003 min
Response: 17921983
Conc: 21.46 ng/ml



#24 AR-1248-4

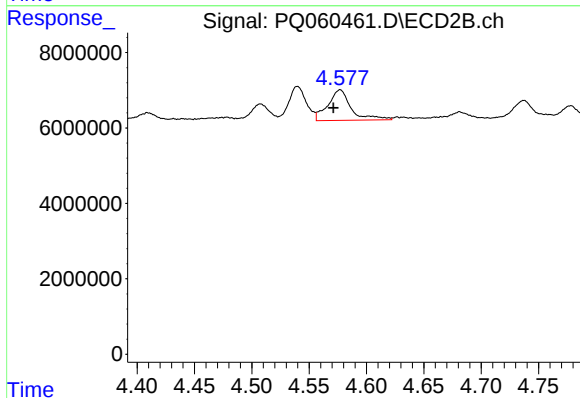
R.T.: 4.209 min
Delta R.T.: 0.006 min
Response: 10068525
Conc: 23.79 ng/ml



#25 AR-1248-5

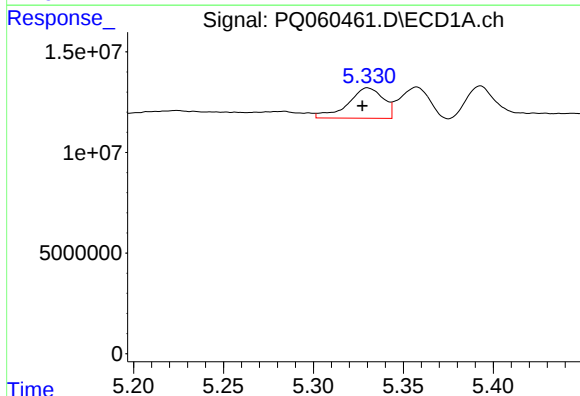
R.T.: 5.393 min
Delta R.T.: 0.004 min
Response: 22438453
Conc: 26.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



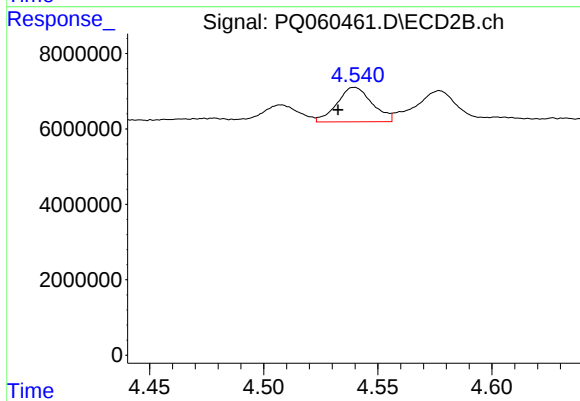
#25 AR-1248-5

R.T.: 4.577 min
Delta R.T.: 0.006 min
Response: 11452635
Conc: 26.91 ng/ml



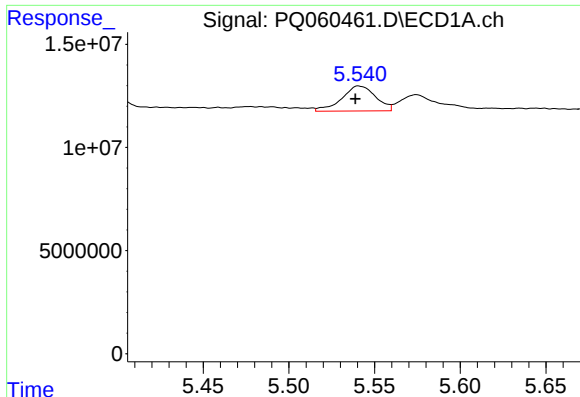
#26 AR-1254-1

R.T.: 5.330 min
Delta R.T.: 0.003 min
Response: 20673211
Conc: 24.71 ng/ml



#26 AR-1254-1

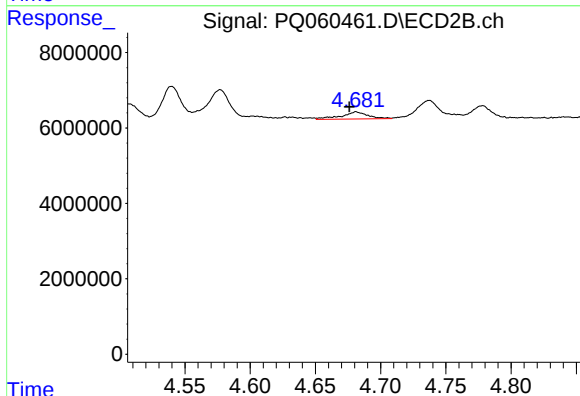
R.T.: 4.540 min
Delta R.T.: 0.007 min
Response: 9798804
Conc: 15.13 ng/ml



#27 AR-1254-2

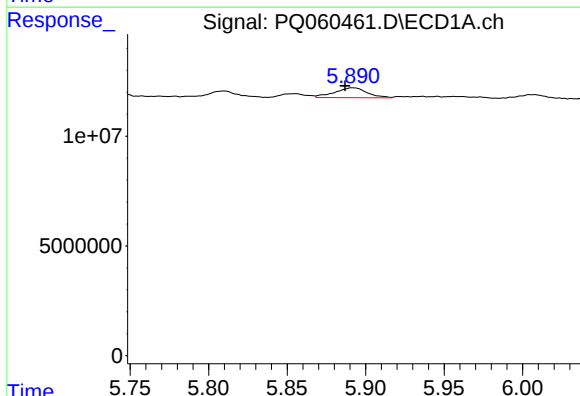
R.T.: 5.541 min
Delta R.T.: 0.002 min
Response: 16624952
Conc: 12.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



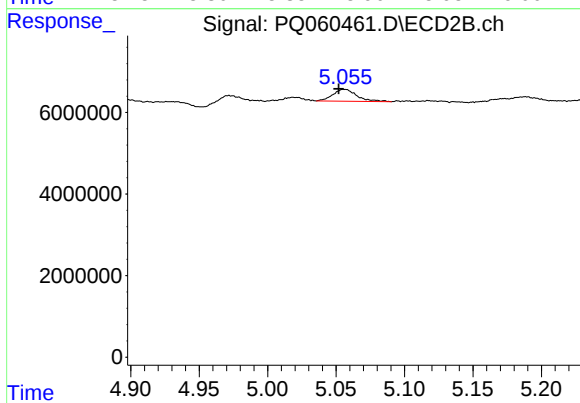
#27 AR-1254-2

R.T.: 4.681 min
Delta R.T.: 0.005 min
Response: 2717300
Conc: 4.93 ng/ml



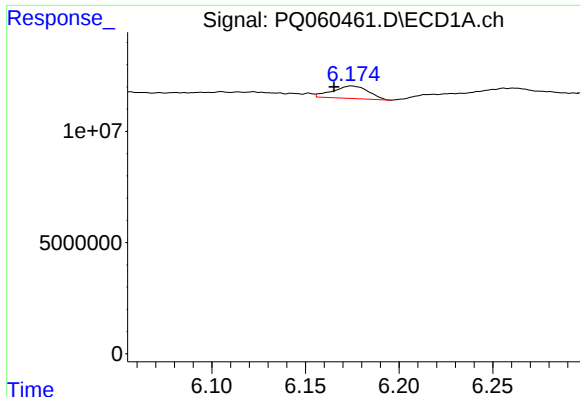
#28 AR-1254-3

R.T.: 5.892 min
Delta R.T.: 0.005 min
Response: 6542587
Conc: 4.82 ng/ml



#28 AR-1254-3

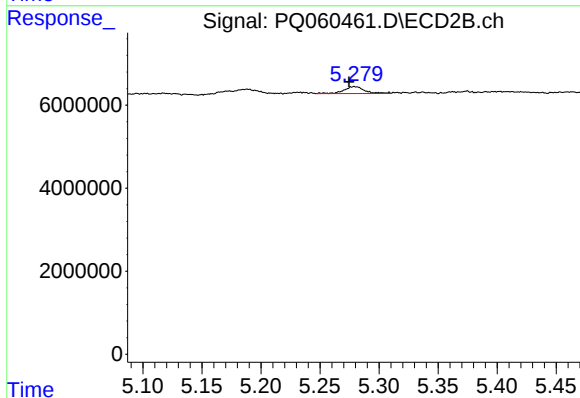
R.T.: 5.056 min
Delta R.T.: 0.004 min
Response: 3569646
Conc: 4.16 ng/ml



#29 AR-1254-4

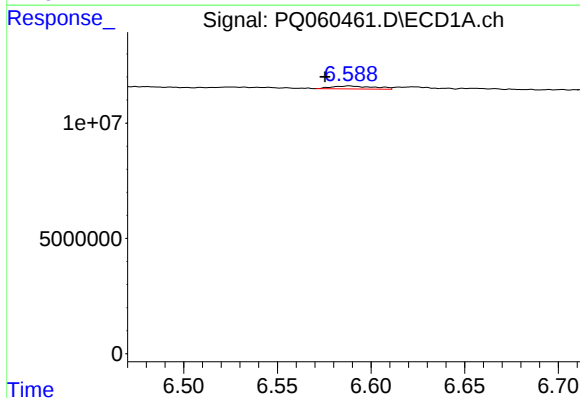
R.T.: 6.175 min
Delta R.T.: 0.009 min
Response: 7398757
Conc: 7.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



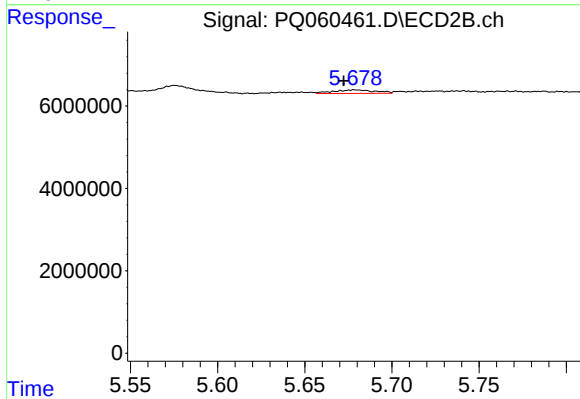
#29 AR-1254-4

R.T.: 5.279 min
Delta R.T.: 0.005 min
Response: 2033001
Conc: 3.63 ng/ml



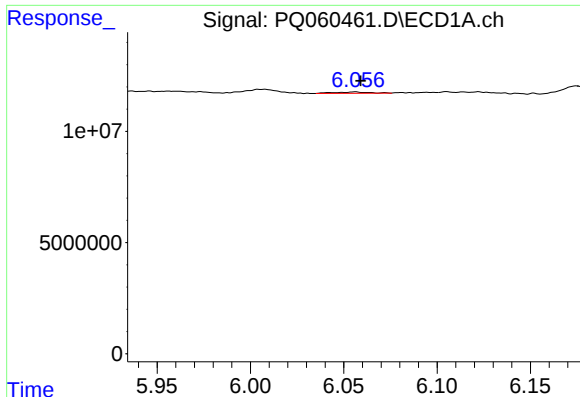
#30 AR-1254-5

R.T.: 6.588 min
Delta R.T.: 0.013 min
Response: 1979717
Conc: 1.89 ng/ml



#30 AR-1254-5

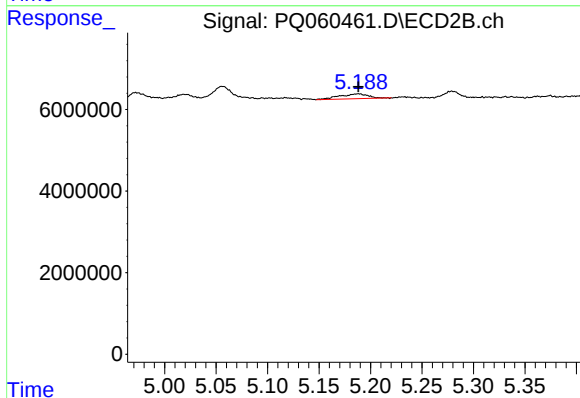
R.T.: 5.679 min
Delta R.T.: 0.006 min
Response: 1371355
Conc: 1.69 ng/ml



#31 AR-1260-1

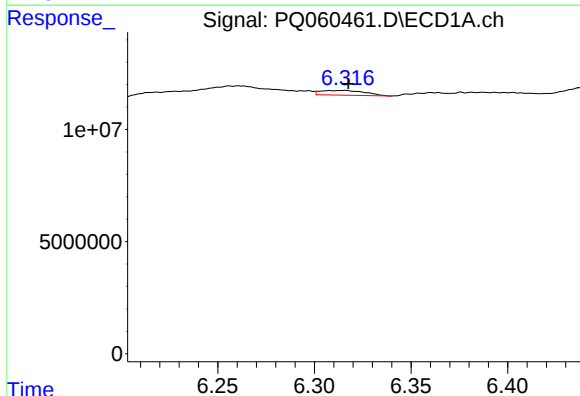
R.T.: 6.056 min
Delta R.T.: -0.003 min
Response: 783347
Conc: 0.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



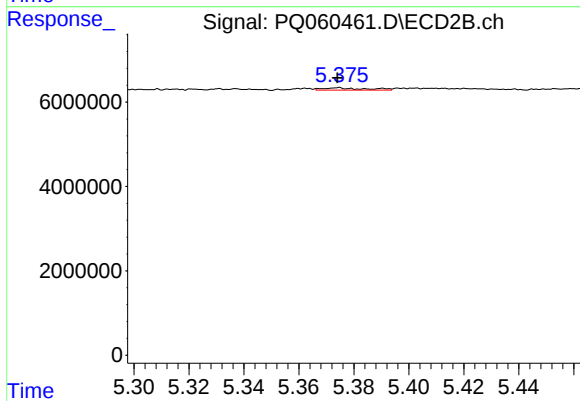
#31 AR-1260-1

R.T.: 5.189 min
Delta R.T.: 0.000 min
Response: 2306963
Conc: 3.76 ng/ml



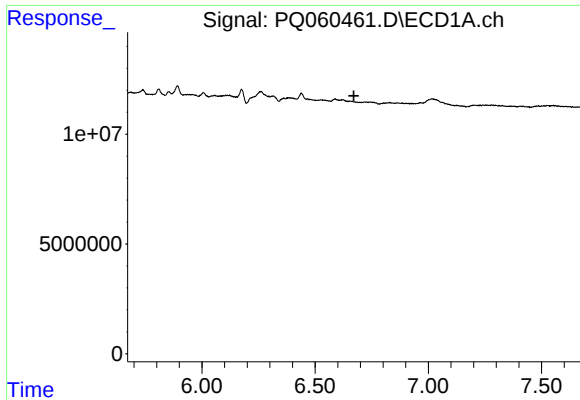
#32 AR-1260-2

R.T.: 6.316 min
Delta R.T.: -0.002 min
Response: 3349860
Conc: 2.70 ng/ml



#32 AR-1260-2

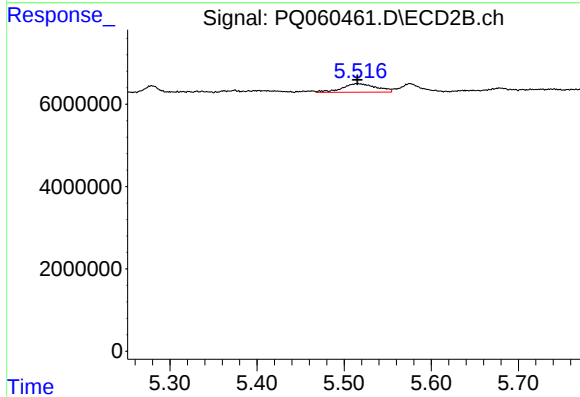
R.T.: 5.374 min
Delta R.T.: 0.000 min
Response: 596527
Conc: 0.80 ng/ml



#33 AR-1260-3

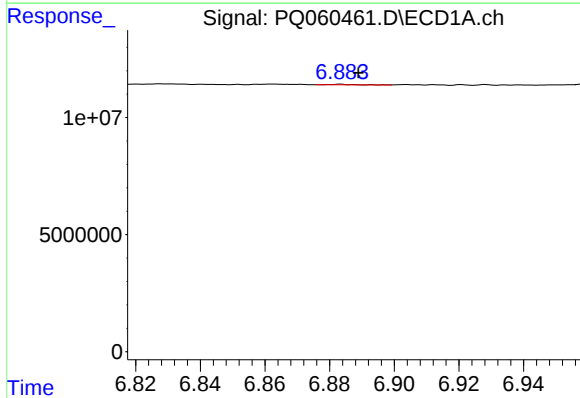
R.T.: 0.000 min
Exp R.T.: 6.671 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



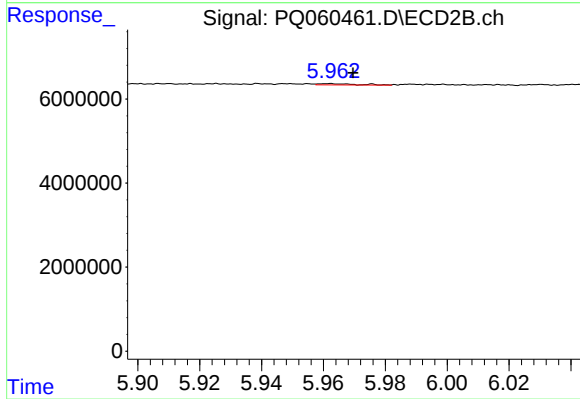
#33 AR-1260-3

R.T.: 5.515 min
Delta R.T.: 0.000 min
Response: 5679435
Conc: 7.81 ng/ml



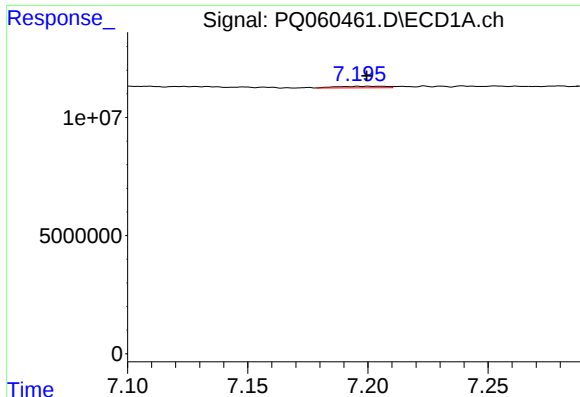
#34 AR-1260-4

R.T.: 6.883 min
Delta R.T.: -0.006 min
Response: 116897
Conc: 0.12 ng/ml



#34 AR-1260-4

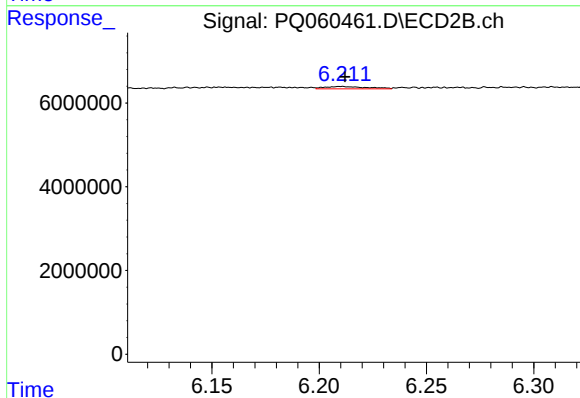
R.T.: 5.962 min
Delta R.T.: -0.008 min
Response: 262122
Conc: 0.44 ng/ml



#35 AR-1260-5

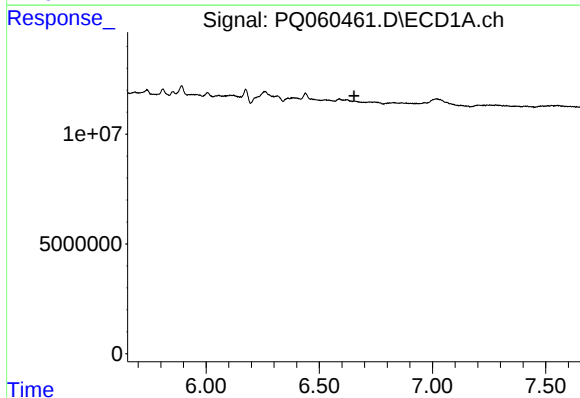
R.T.: 7.205 min
Delta R.T.: 0.006 min
Response: 943424
Conc: 0.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



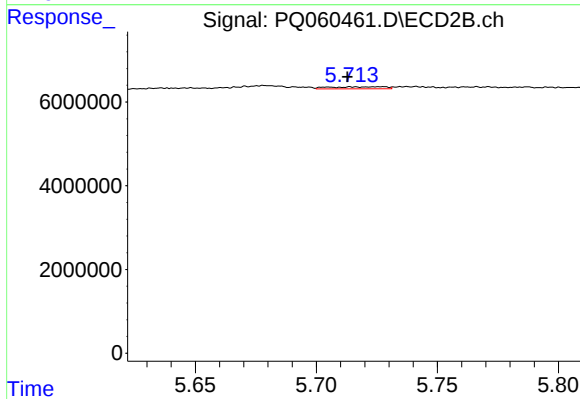
#35 AR-1260-5

R.T.: 6.210 min
Delta R.T.: -0.002 min
Response: 761243
Conc: 0.55 ng/ml



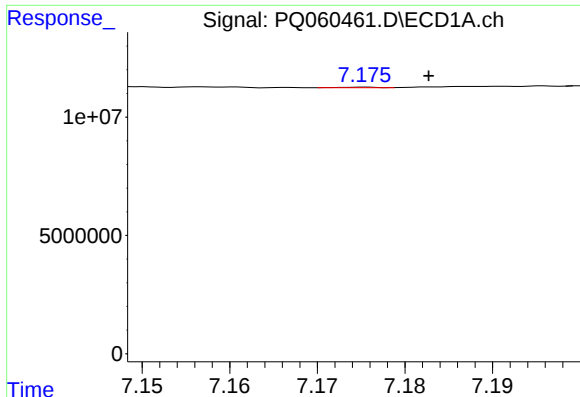
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.653 min
Response: 0
Conc: N.D.



#36 AR-1262-1

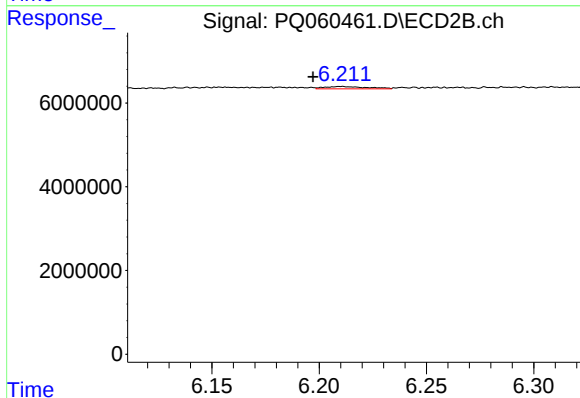
R.T.: 5.727 min
Delta R.T.: 0.014 min
Response: 759023
Conc: 0.97 ng/ml



#37 AR-1262-2

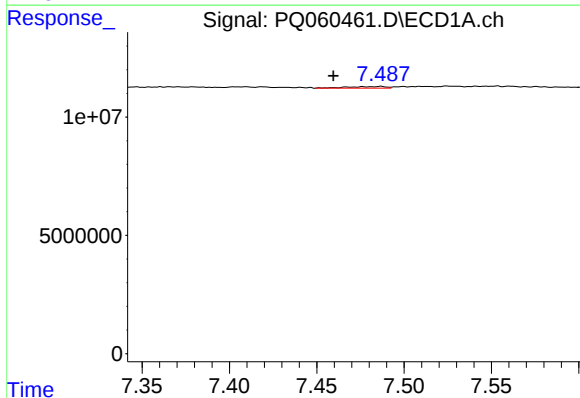
R.T.: 7.175 min
Delta R.T.: -0.007 min
Response: 54079
Conc: 0.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



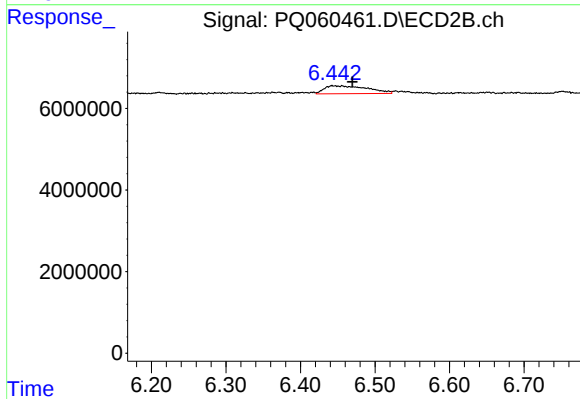
#37 AR-1262-2

R.T.: 6.210 min
Delta R.T.: 0.013 min
Response: 761243
Conc: 0.54 ng/ml



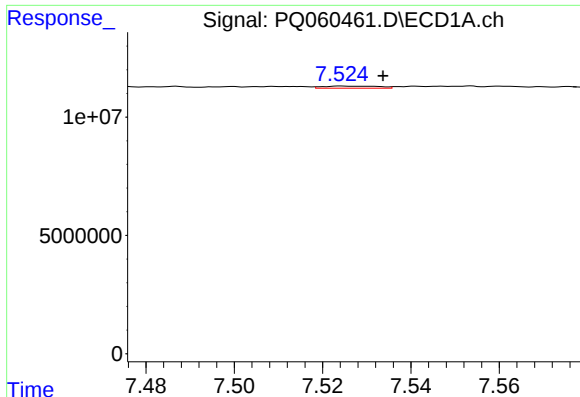
#38 AR-1262-3

R.T.: 7.487 min
Delta R.T.: 0.027 min
Response: 1096747
Conc: 0.84 ng/ml



#38 AR-1262-3

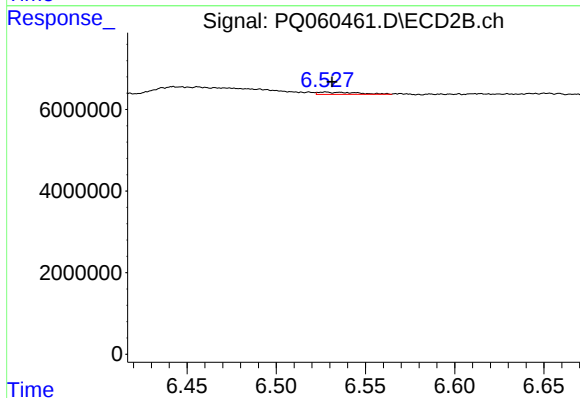
R.T.: 6.443 min
Delta R.T.: -0.027 min
Response: 7854717
Conc: 13.84 ng/ml



#39 AR-1262-4

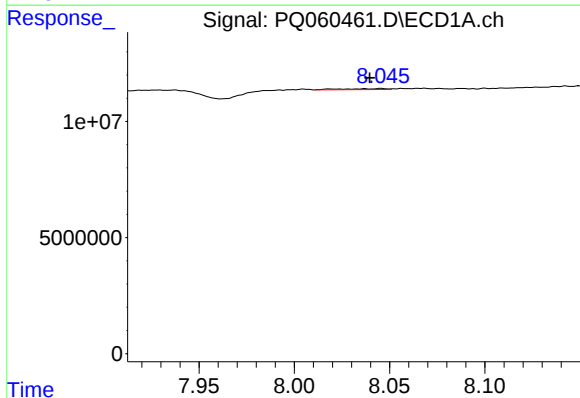
R.T.: 7.525 min
Delta R.T.: -0.009 min
Response: 779188
Conc: 0.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



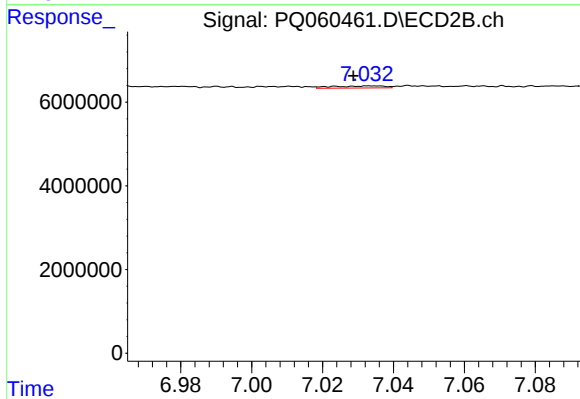
#39 AR-1262-4

R.T.: 6.527 min
Delta R.T.: -0.004 min
Response: 868044
Conc: 0.81 ng/ml



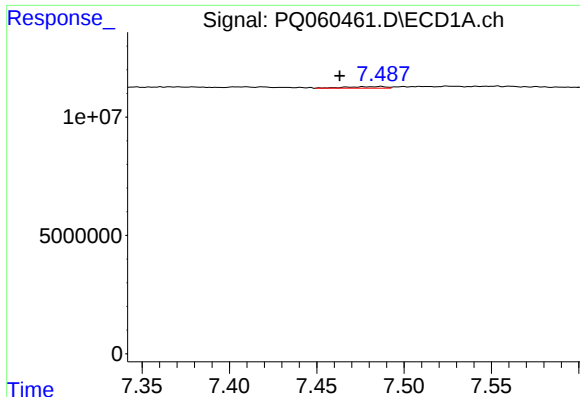
#40 AR-1262-5

R.T.: 8.046 min
Delta R.T.: 0.006 min
Response: 747664
Conc: 1.15 ng/ml



#40 AR-1262-5

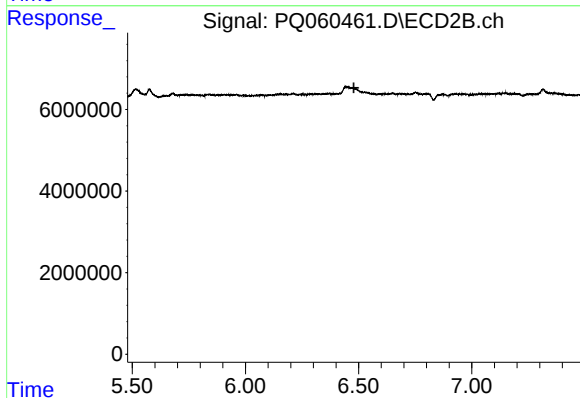
R.T.: 7.034 min
Delta R.T.: 0.005 min
Response: 508826
Conc: 0.98 ng/ml



#41 AR-1268-1

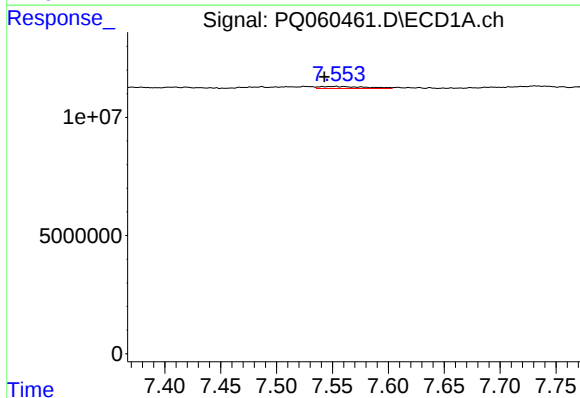
R.T.: 7.487 min
Delta R.T.: 0.024 min
Response: 1096747
Conc: 0.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



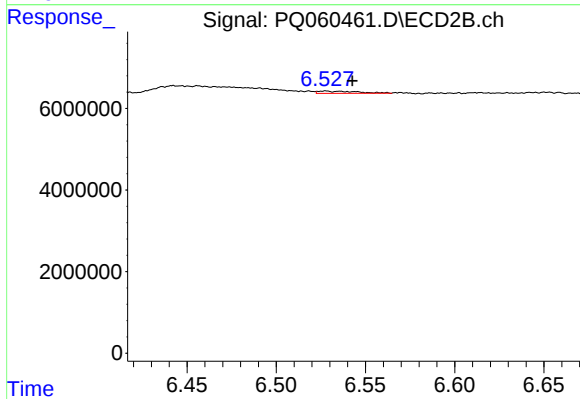
#41 AR-1268-1

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



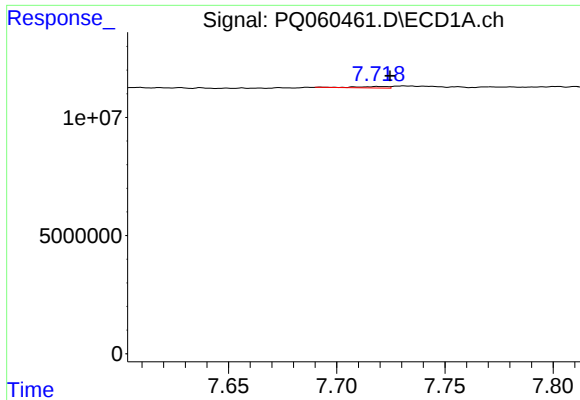
#42 AR-1268-2

R.T.: 7.553 min
Delta R.T.: 0.010 min
Response: 2403564
Conc: 1.13 ng/ml



#42 AR-1268-2

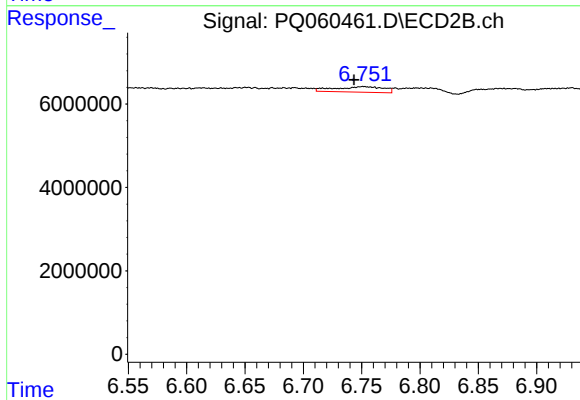
R.T.: 6.527 min
Delta R.T.: -0.015 min
Response: 868044
Conc: 0.56 ng/ml



#43 AR-1268-3

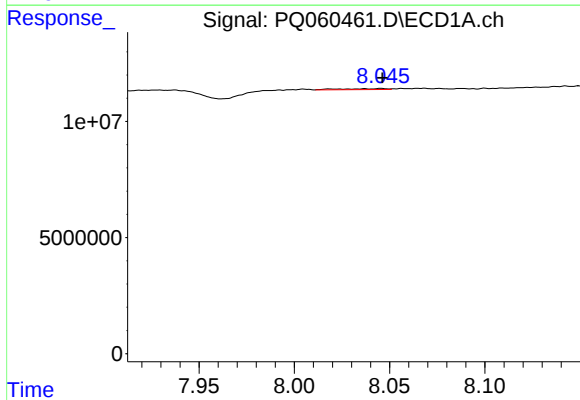
R.T.: 7.719 min
Delta R.T.: -0.005 min
Response: 641882
Conc: 0.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



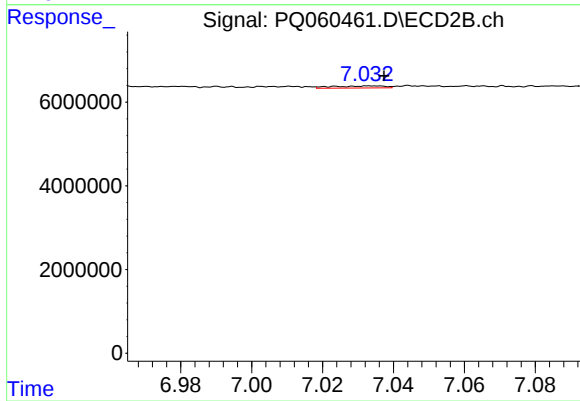
#43 AR-1268-3

R.T.: 6.751 min
Delta R.T.: 0.008 min
Response: 3849831
Conc: 2.83 ng/ml



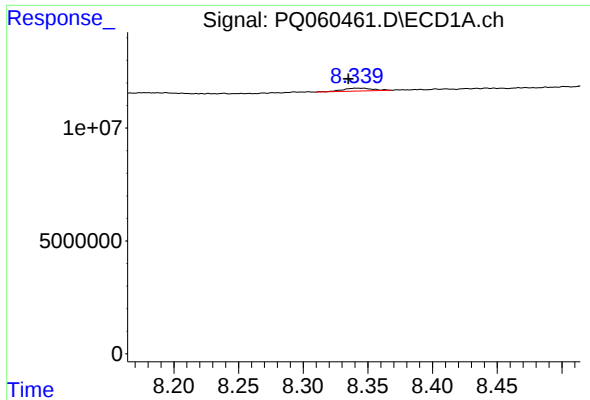
#44 AR-1268-4

R.T.: 8.046 min
Delta R.T.: 0.000 min
Response: 747664
Conc: 1.01 ng/ml



#44 AR-1268-4

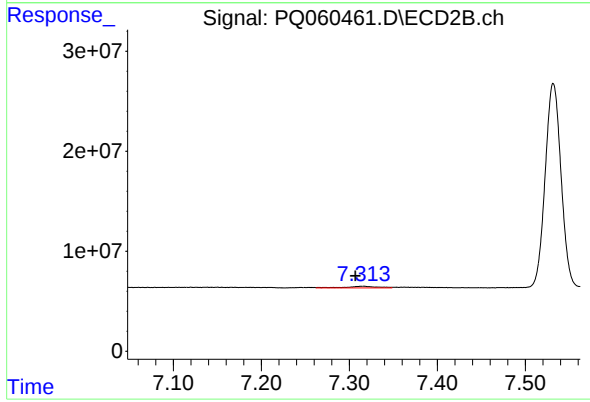
R.T.: 7.034 min
Delta R.T.: -0.003 min
Response: 508826
Conc: 0.86 ng/ml



#45 AR-1268-5

R.T.: 8.342 min
Delta R.T.: 0.007 min
Response: 2127838
Conc: 0.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.315 min
Delta R.T.: 0.009 min
Response: 3882413
Conc: 0.91 ng/ml