

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040922\
 Data File : PQ056917.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2022 08:59
 Operator : YP\AJ
 Sample : N2182-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 12:09:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032322CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Mar 24 09:20:48 2022
 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...	4.531	3.749	191.2E6	124.2E6	10.734	11.575
2)	SA Decachlor...	10.301	8.679	217.3E6	129.1E6	14.881	12.516
Target Compounds							
3)	L1 AR-1016-1	5.723	4.818	273291	375090	0.644	1.127 #
4)	L1 AR-1016-2	5.731	4.845	398377	624683	0.466	1.043 #
5)	L1 AR-1016-3	5.814	5.001	310497	892339	0.560	3.319 #
6)	L1 AR-1016-4	5.962f	5.068	1571681	2305180	3.678	10.124 #
7)	L1 AR-1016-5	6.183	5.248	1370858	1443309	3.470	5.028 #
8)	L2 AR-1221-1	4.758	3.998f	746491	315116	4.283	2.762 #
9)	L2 AR-1221-2	4.841	4.044	3903277	2746799	31.794	34.696
10)	L2 AR-1221-3	4.916	4.121	86161	372160	0.206	1.342 #
11)	L3 AR-1232-1	4.916	4.121	86161	372160	0.246	1.636 #
12)	L3 AR-1232-2	5.439	4.845	1823423	624683	7.256	2.652 #
13)	L3 AR-1232-3	5.731	5.001	398377	892339	1.116	7.685 #
14)	L3 AR-1232-4	5.962f	5.085	1571681	504766	8.578	5.178 #
15)	L3 AR-1232-5	5.962	5.248	1571681	1443309	5.497	14.049 #
16)	L4 AR-1242-1	5.723	4.818	273291	375090	0.702	1.317 #
17)	L4 AR-1242-2	5.731	4.845	398377	624683	0.519	1.235 #
18)	L4 AR-1242-3	5.814	5.001	310497	892339	0.612	3.920 #
19)	L4 AR-1242-4	5.962f	5.085	1571681	504766	4.029	2.208 #
20)	L4 AR-1242-5	6.622	5.596	1003548	1722351	2.539	5.767 #
21)	L5 AR-1248-1	5.723	4.818	273291	375090	0.931	1.681 #
22)	L5 AR-1248-2	5.962	5.068	1571681	2305180	2.928	6.914 #
23)	L5 AR-1248-3	6.183	5.085	1370858	504766	2.181	1.441 #
24)	L5 AR-1248-4	6.566	5.248	579661	1443309	0.886	3.455 #
25)	L5 AR-1248-5	6.622	5.632	1003548	873581	1.445	1.949 #
26)	L6 AR-1254-1	6.554	5.596	1293229	1722351	2.009	2.583 #
27)	L6 AR-1254-2	6.768	5.742	640091	1005066	0.642	1.830 #
28)	L6 AR-1254-3	7.158	6.168	3775496	3263570	3.409	3.511
29)	L6 AR-1254-4	7.428	6.366	906288	6560880	1.237	9.702 #
30)	L6 AR-1254-5	7.881f	6.778	3118370	4775485	3.687	5.846 #
31)	L7 AR-1260-1	7.311	6.268	5019816	9397515	7.834	17.204 #
32)	L7 AR-1260-2	7.561	6.444	11425670	4753976	15.503	7.143 #
33)	L7 AR-1260-3	7.881f	6.611	3118370	2275257	3.344	3.677
34)	L7 AR-1260-4	8.145	7.085	6749275	1543884	9.776	2.920 #
35)	L7 AR-1260-5	8.463	7.337	6585975	3232296	4.744	2.469 #
36)	L8 AR-1262-1	7.912	6.778	2908477	4775485	2.901	11.278 #
37)	L8 AR-1262-2	8.463	7.337	6585975	3232296	3.588	2.024 #
38)	L8 AR-1262-3	8.794	7.590	18036542	5367333	22.348	8.366 #
39)	L8 AR-1262-4	8.867	7.639	31084445	24392680	51.899	20.674 #
41)	L9 AR-1268-1	8.794	7.590	18036542	5367333	8.307	2.909 #
42)	L9 AR-1268-2	8.867	7.639	31084445	24392680	14.790	14.501

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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
43) L9	AR-1268-3	0.000	7.870	0	2584080	N.D.	2.020 #
45) L9	AR-1268-5	9.965	8.462	2102423	1094004	0.356	0.245 #

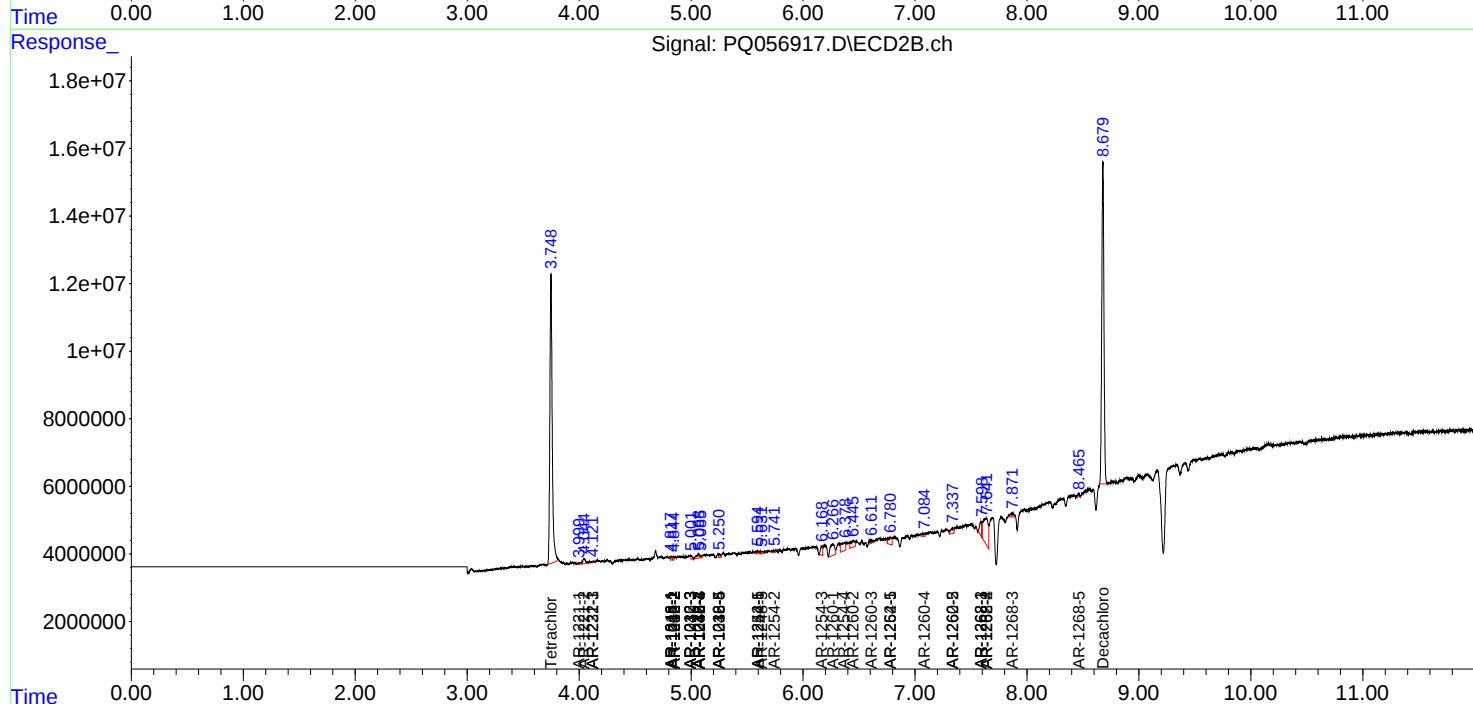
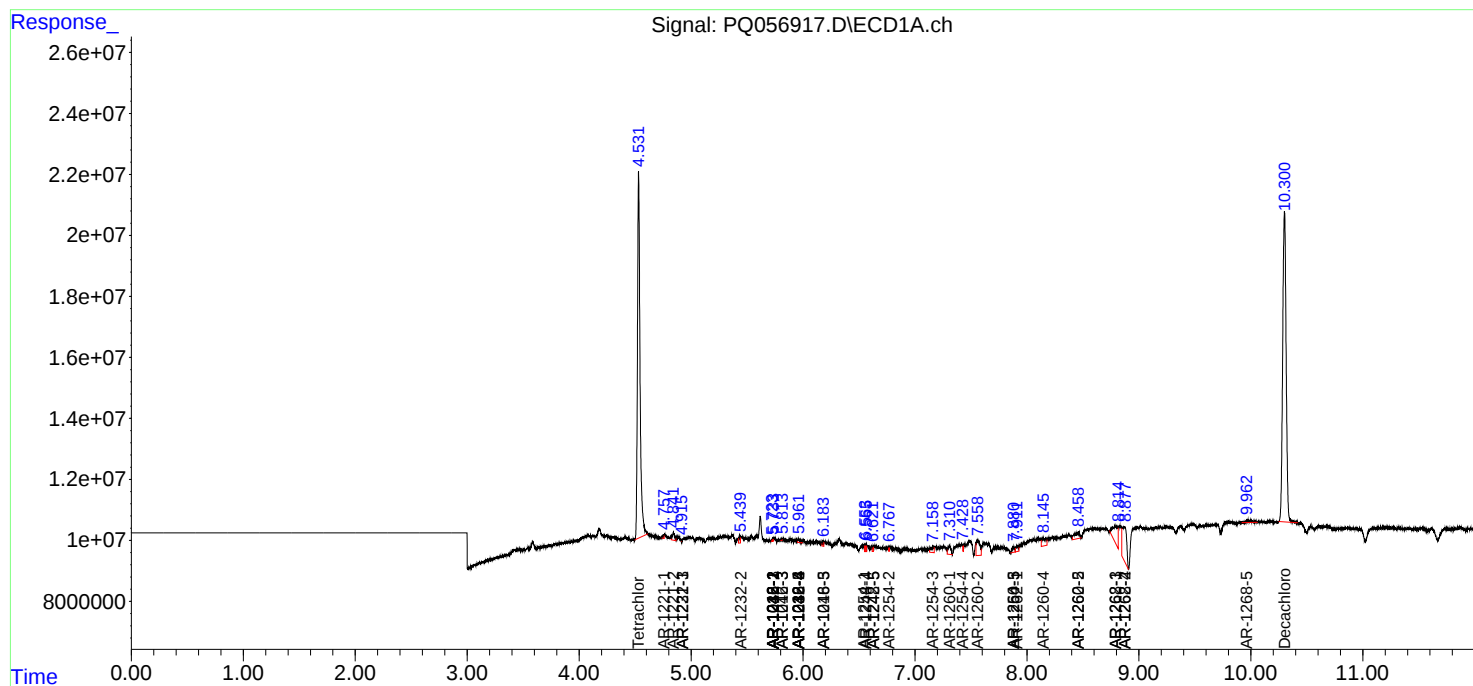
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

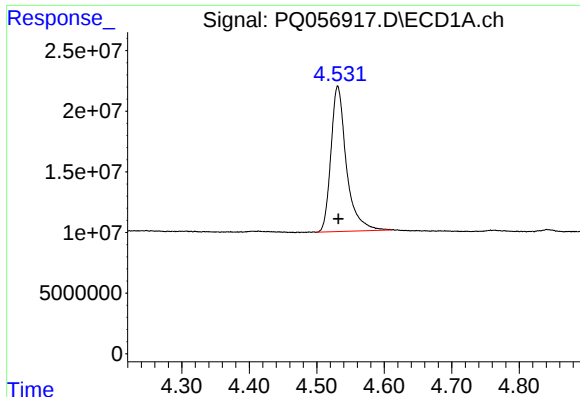
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

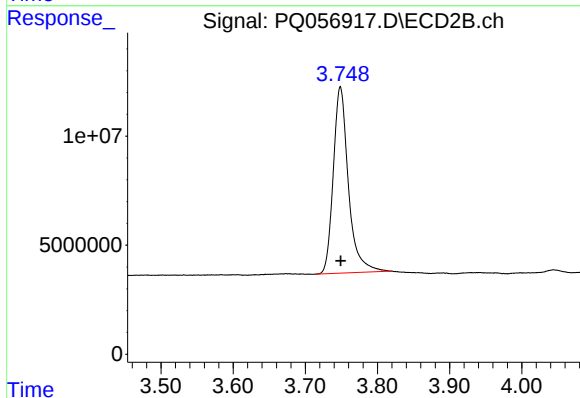




#1 Tetrachloro-m-xylene

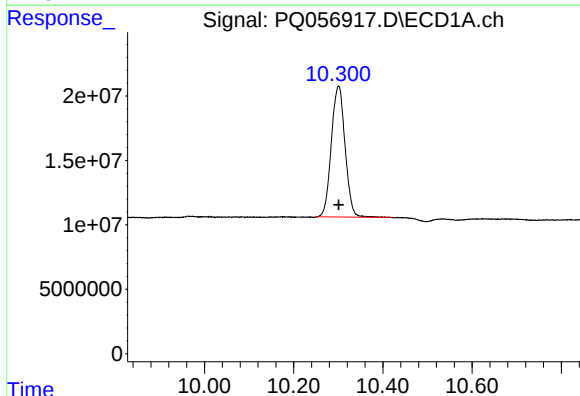
R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 191175555
Conc: 10.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



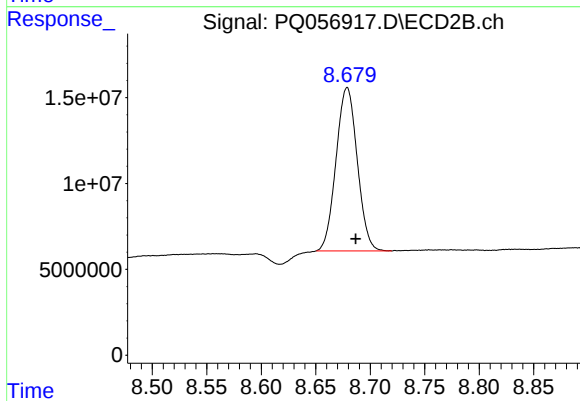
#1 Tetrachloro-m-xylene

R.T.: 3.749 min
Delta R.T.: 0.000 min
Response: 124177352
Conc: 11.57 ng/ml



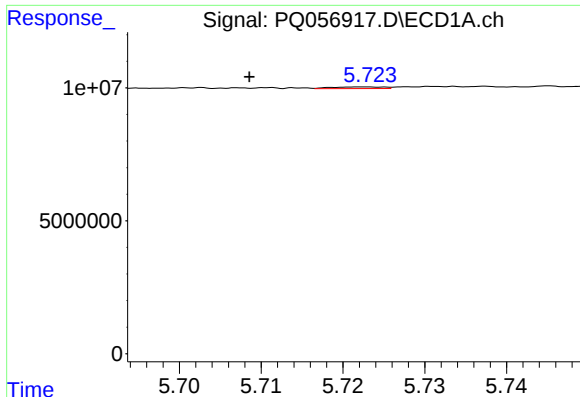
#2 Decachlorobiphenyl

R.T.: 10.301 min
Delta R.T.: 0.000 min
Response: 217282553
Conc: 14.88 ng/ml



#2 Decachlorobiphenyl

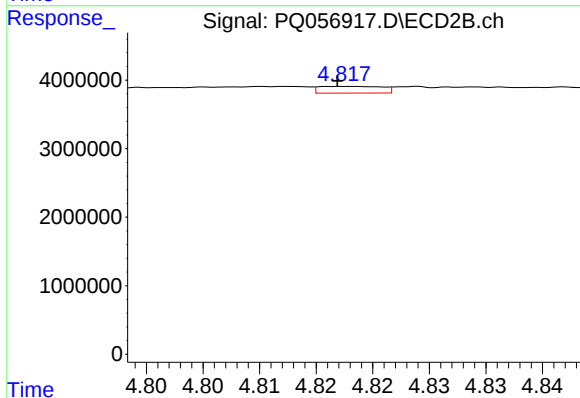
R.T.: 8.679 min
Delta R.T.: -0.008 min
Response: 129123137
Conc: 12.52 ng/ml



#3 AR-1016-1

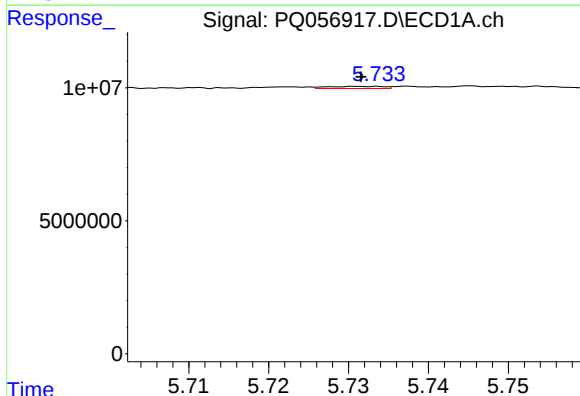
R.T.: 5.723 min
Delta R.T.: 0.014 min
Response: 273291
Conc: 0.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



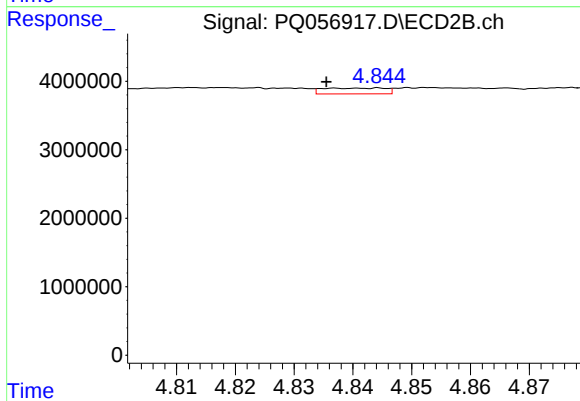
#3 AR-1016-1

R.T.: 4.818 min
Delta R.T.: 0.000 min
Response: 375090
Conc: 1.13 ng/ml



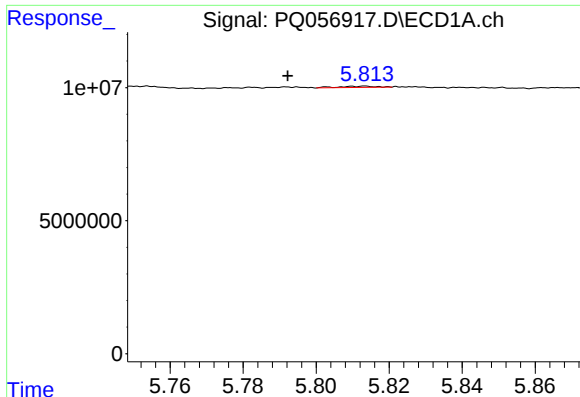
#4 AR-1016-2

R.T.: 5.731 min
Delta R.T.: 0.000 min
Response: 398377
Conc: 0.47 ng/ml



#4 AR-1016-2

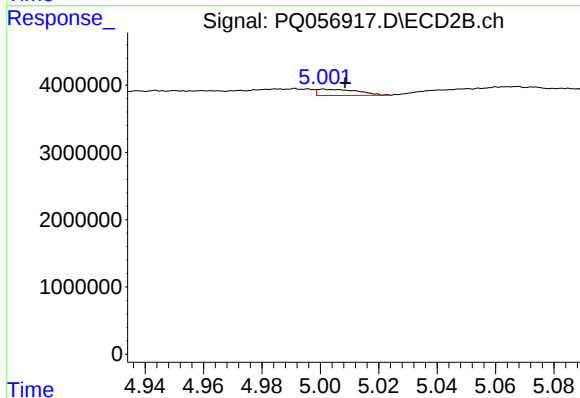
R.T.: 4.845 min
Delta R.T.: 0.009 min
Response: 624683
Conc: 1.04 ng/ml



#5 AR-1016-3

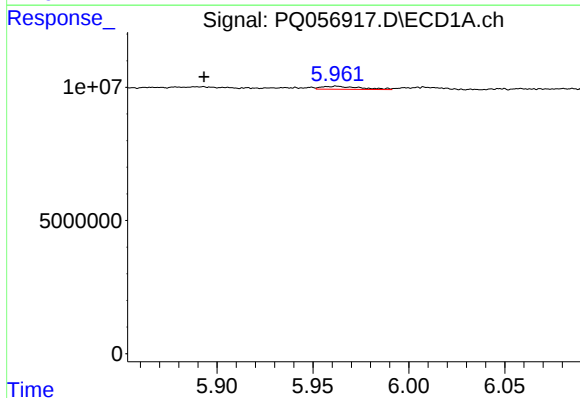
R.T.: 5.814 min
Delta R.T.: 0.021 min
Response: 310497
Conc: 0.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



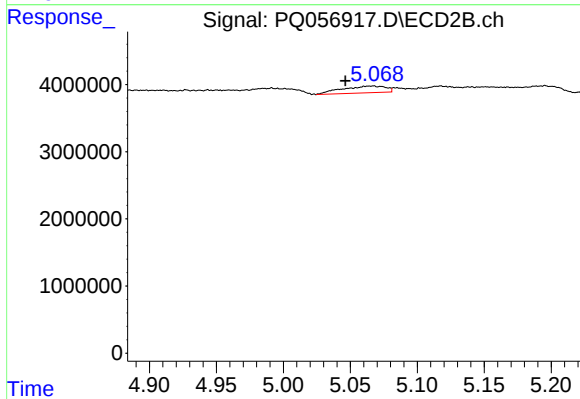
#5 AR-1016-3

R.T.: 5.001 min
Delta R.T.: -0.007 min
Response: 892339
Conc: 3.32 ng/ml



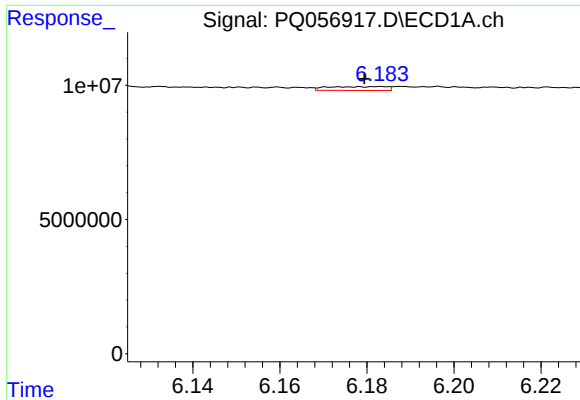
#6 AR-1016-4

R.T.: 5.962 min
Delta R.T.: 0.069 min
Response: 1571681
Conc: 3.68 ng/ml



#6 AR-1016-4

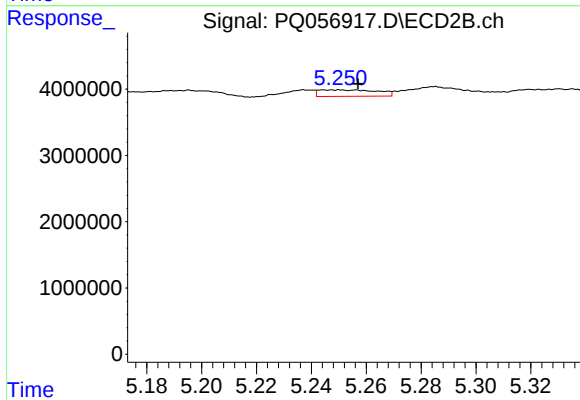
R.T.: 5.068 min
Delta R.T.: 0.021 min
Response: 2305180
Conc: 10.12 ng/ml



#7 AR-1016-5

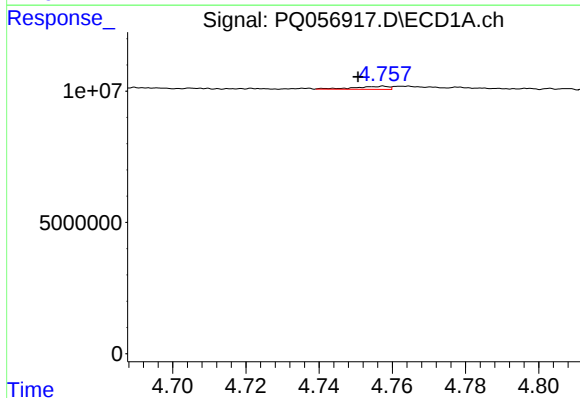
R.T.: 6.183 min
Delta R.T.: 0.004 min
Response: 1370858
Conc: 3.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



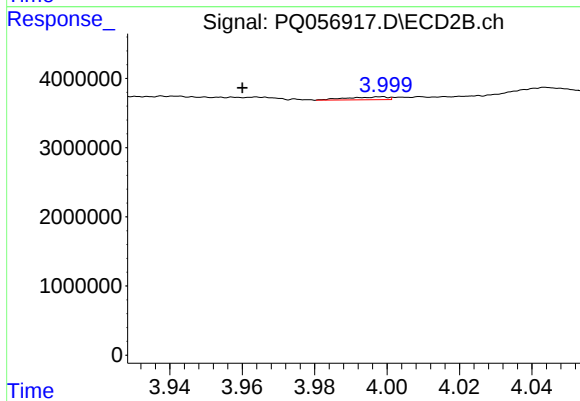
#7 AR-1016-5

R.T.: 5.248 min
Delta R.T.: -0.010 min
Response: 1443309
Conc: 5.03 ng/ml



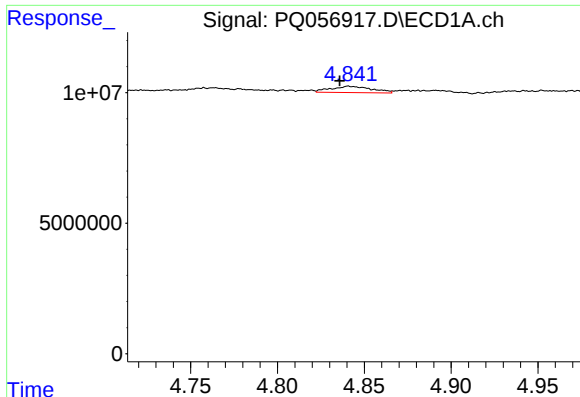
#8 AR-1221-1

R.T.: 4.758 min
Delta R.T.: 0.007 min
Response: 746491
Conc: 4.28 ng/ml



#8 AR-1221-1

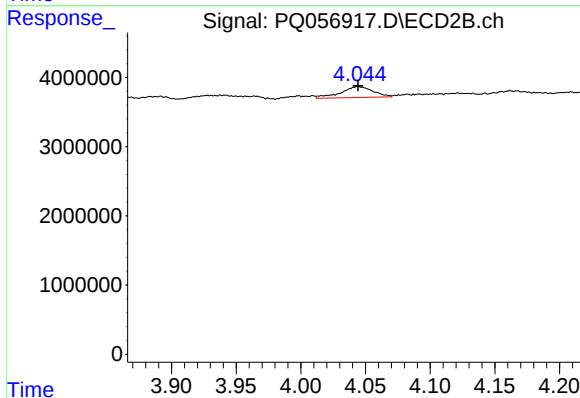
R.T.: 3.998 min
Delta R.T.: 0.038 min
Response: 315116
Conc: 2.76 ng/ml



#9 AR-1221-2

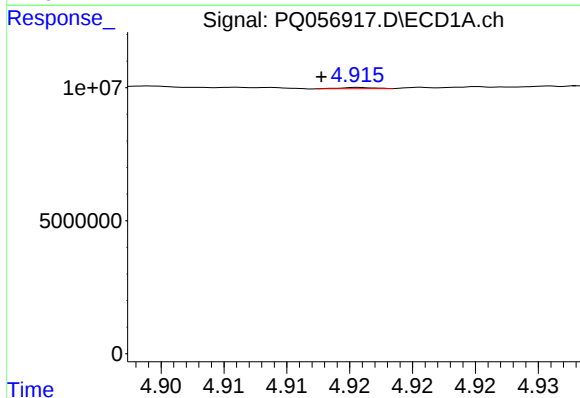
R.T.: 4.841 min
Delta R.T.: 0.005 min
Response: 3903277
Conc: 31.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



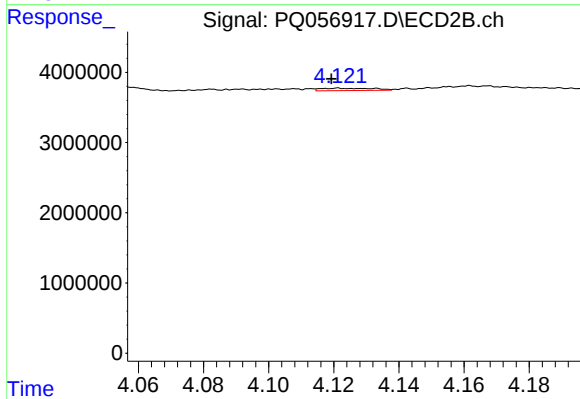
#9 AR-1221-2

R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 2746799
Conc: 34.70 ng/ml



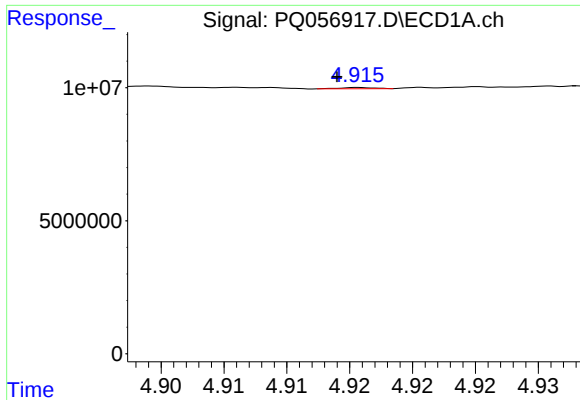
#10 AR-1221-3

R.T.: 4.916 min
Delta R.T.: 0.003 min
Response: 86161
Conc: 0.21 ng/ml



#10 AR-1221-3

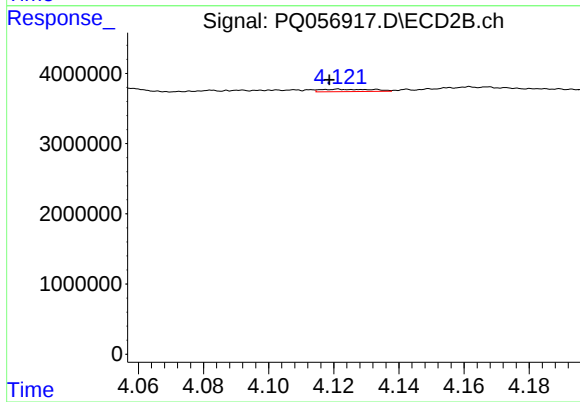
R.T.: 4.121 min
Delta R.T.: 0.002 min
Response: 372160
Conc: 1.34 ng/ml



#11 AR-1232-1

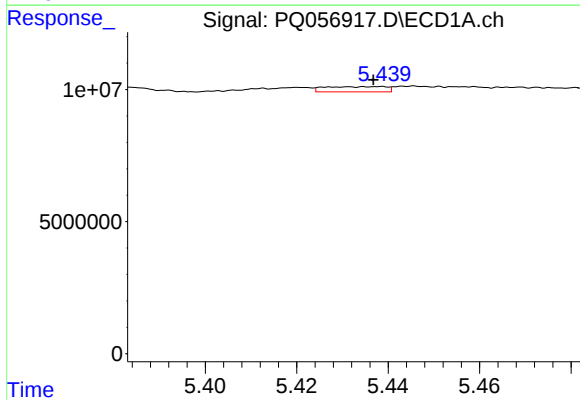
R.T.: 4.916 min
Delta R.T.: 0.002 min
Response: 86161
Conc: 0.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



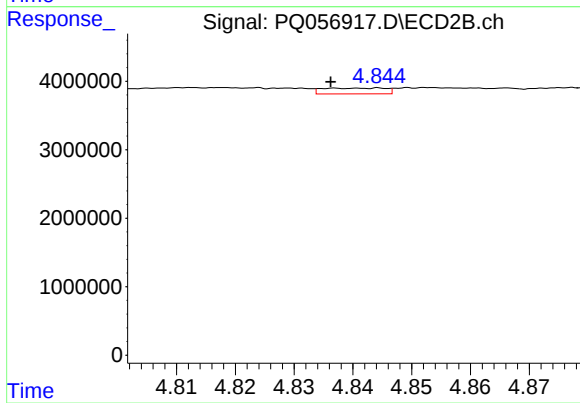
#11 AR-1232-1

R.T.: 4.121 min
Delta R.T.: 0.003 min
Response: 372160
Conc: 1.64 ng/ml



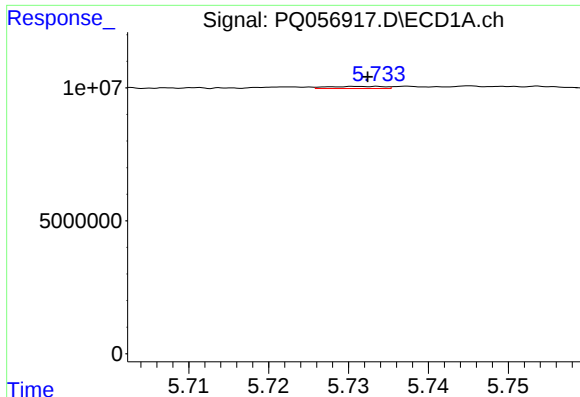
#12 AR-1232-2

R.T.: 5.439 min
Delta R.T.: 0.002 min
Response: 1823423
Conc: 7.26 ng/ml



#12 AR-1232-2

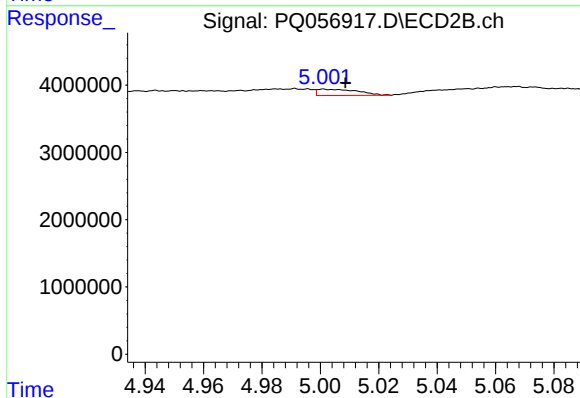
R.T.: 4.845 min
Delta R.T.: 0.008 min
Response: 624683
Conc: 2.65 ng/ml



#13 AR-1232-3

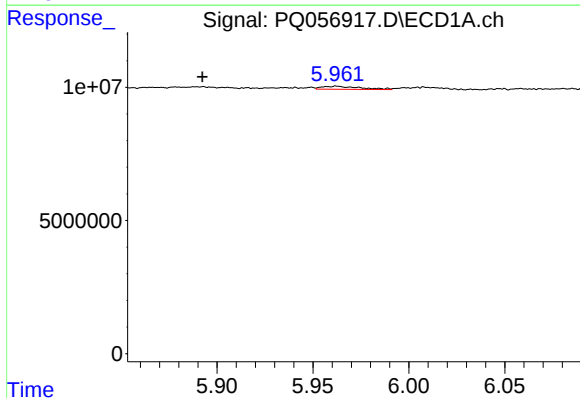
R.T.: 5.731 min
Delta R.T.: -0.001 min
Response: 398377
Conc: 1.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



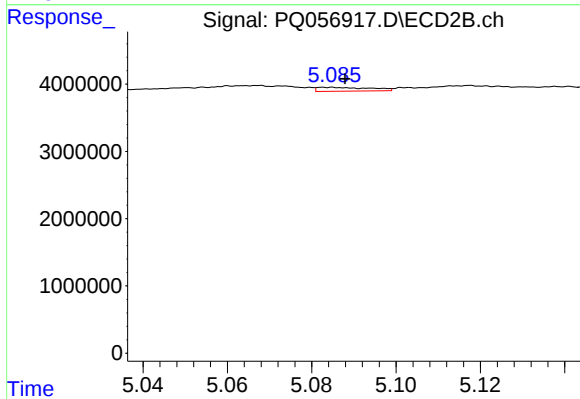
#13 AR-1232-3

R.T.: 5.001 min
Delta R.T.: -0.007 min
Response: 892339
Conc: 7.69 ng/ml



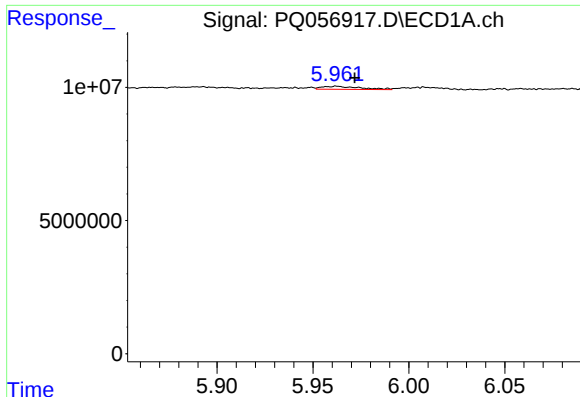
#14 AR-1232-4

R.T.: 5.962 min
Delta R.T.: 0.070 min
Response: 1571681
Conc: 8.58 ng/ml



#14 AR-1232-4

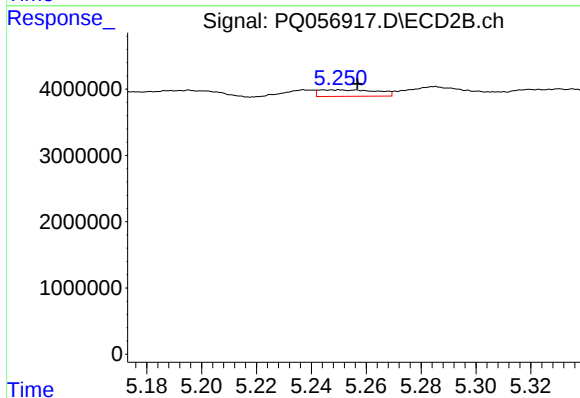
R.T.: 5.085 min
Delta R.T.: -0.003 min
Response: 504766
Conc: 5.18 ng/ml



#15 AR-1232-5

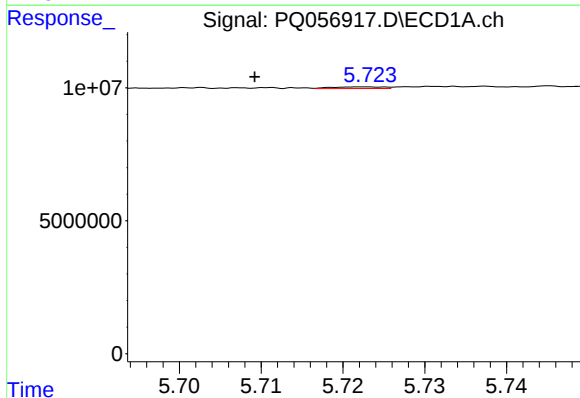
R.T.: 5.962 min
Delta R.T.: -0.010 min
Response: 1571681
Conc: 5.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



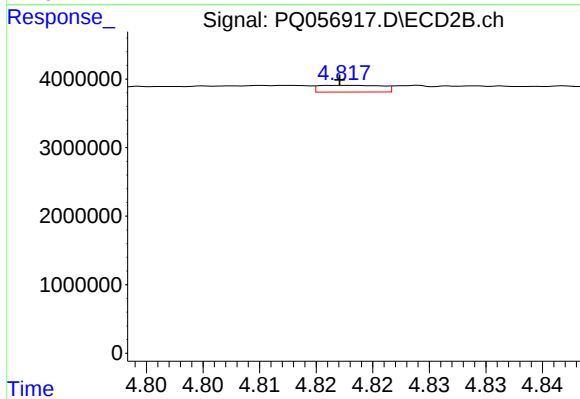
#15 AR-1232-5

R.T.: 5.248 min
Delta R.T.: -0.009 min
Response: 1443309
Conc: 14.05 ng/ml



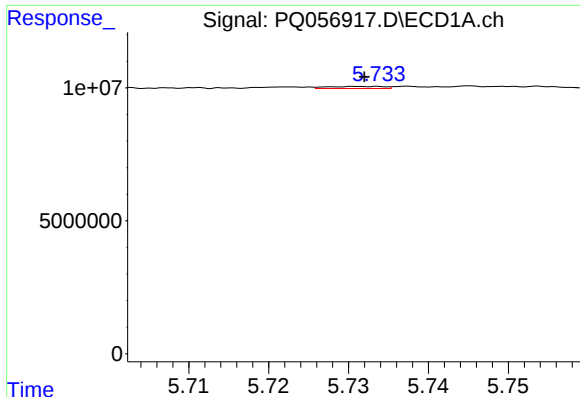
#16 AR-1242-1

R.T.: 5.723 min
Delta R.T.: 0.014 min
Response: 273291
Conc: 0.70 ng/ml



#16 AR-1242-1

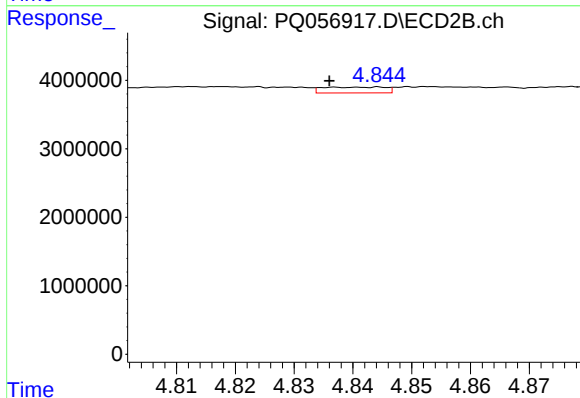
R.T.: 4.818 min
Delta R.T.: 0.000 min
Response: 375090
Conc: 1.32 ng/ml



#17 AR-1242-2

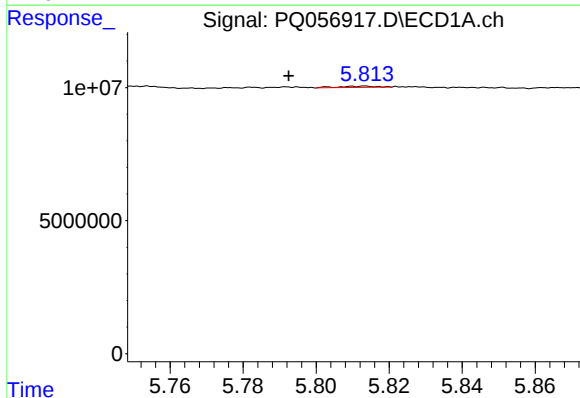
R.T.: 5.731 min
Delta R.T.: 0.000 min
Response: 398377
Conc: 0.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



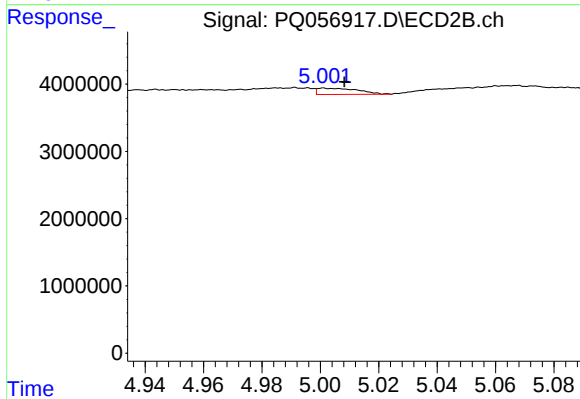
#17 AR-1242-2

R.T.: 4.845 min
Delta R.T.: 0.009 min
Response: 624683
Conc: 1.24 ng/ml



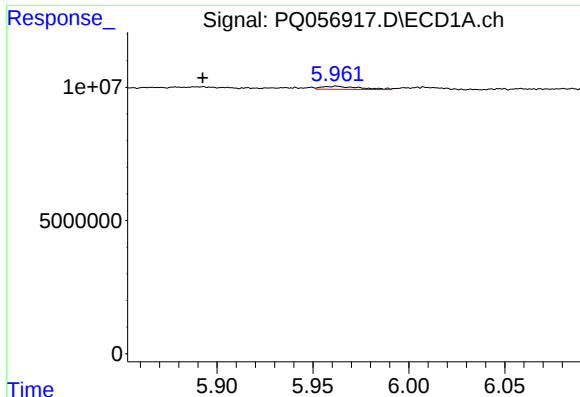
#18 AR-1242-3

R.T.: 5.814 min
Delta R.T.: 0.021 min
Response: 310497
Conc: 0.61 ng/ml



#18 AR-1242-3

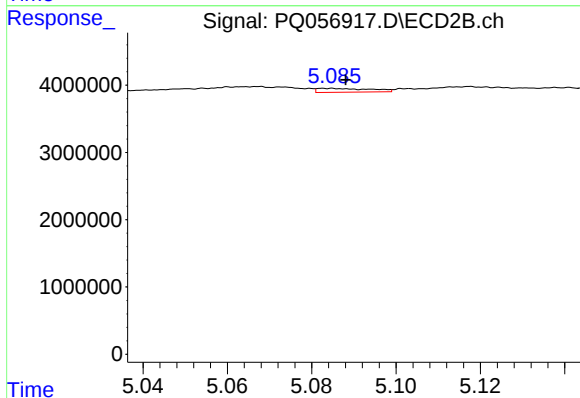
R.T.: 5.001 min
Delta R.T.: -0.007 min
Response: 892339
Conc: 3.92 ng/ml



#19 AR-1242-4

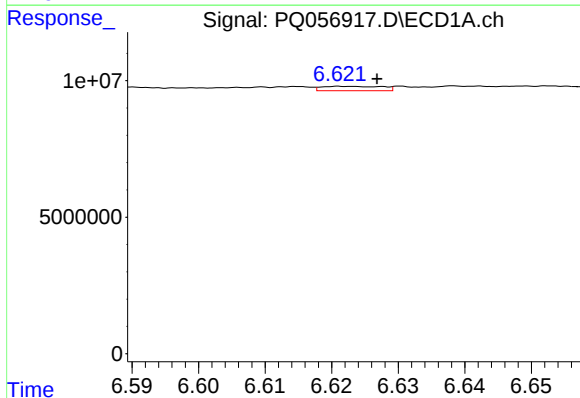
R.T.: 5.962 min
Delta R.T.: 0.070 min
Response: 1571681
Conc: 4.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



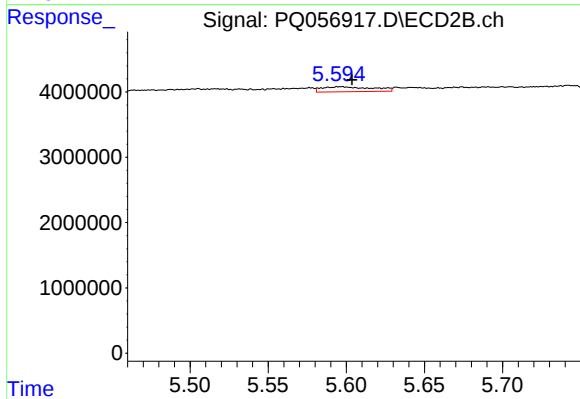
#19 AR-1242-4

R.T.: 5.085 min
Delta R.T.: -0.003 min
Response: 504766
Conc: 2.21 ng/ml



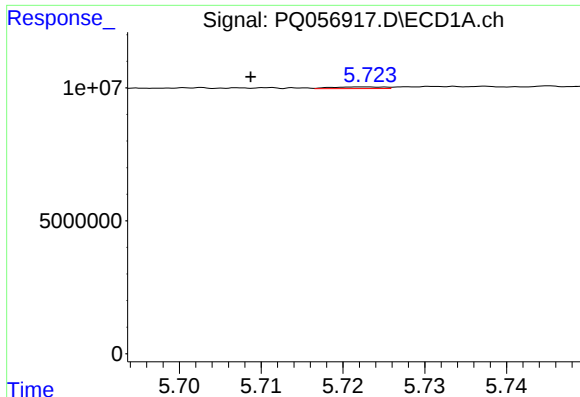
#20 AR-1242-5

R.T.: 6.622 min
Delta R.T.: -0.005 min
Response: 1003548
Conc: 2.54 ng/ml



#20 AR-1242-5

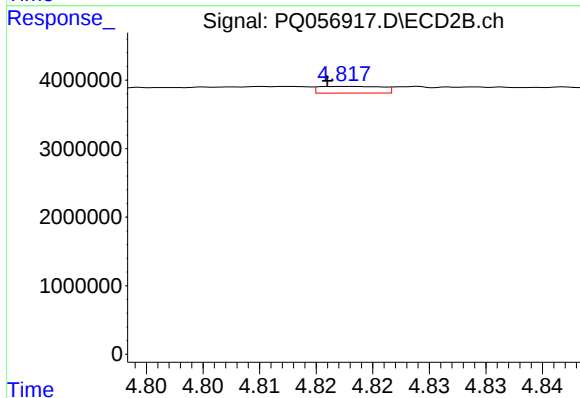
R.T.: 5.596 min
Delta R.T.: -0.007 min
Response: 1722351
Conc: 5.77 ng/ml



#21 AR-1248-1

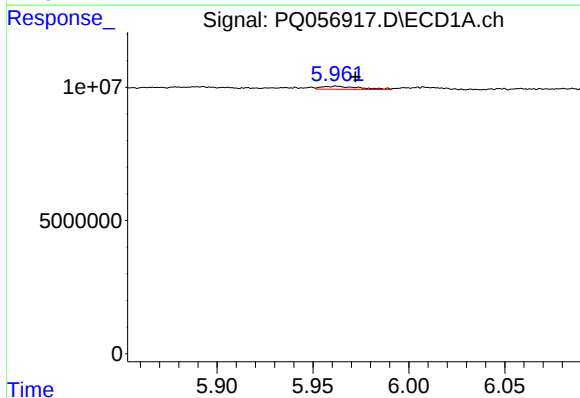
R.T.: 5.723 min
Delta R.T.: 0.014 min
Response: 273291
Conc: 0.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



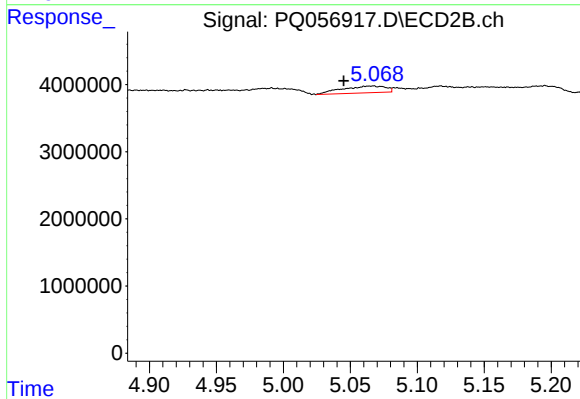
#21 AR-1248-1

R.T.: 4.818 min
Delta R.T.: 0.002 min
Response: 375090
Conc: 1.68 ng/ml



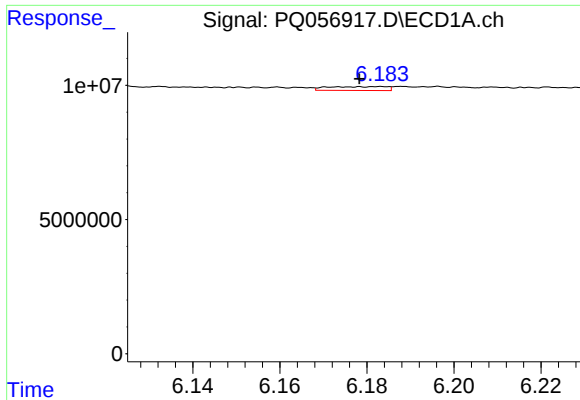
#22 AR-1248-2

R.T.: 5.962 min
Delta R.T.: -0.010 min
Response: 1571681
Conc: 2.93 ng/ml



#22 AR-1248-2

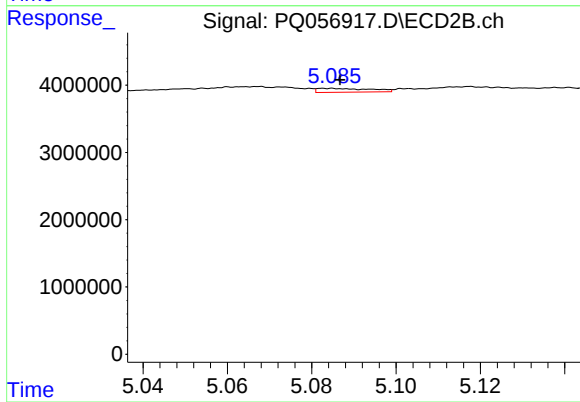
R.T.: 5.068 min
Delta R.T.: 0.023 min
Response: 2305180
Conc: 6.91 ng/ml



#23 AR-1248-3

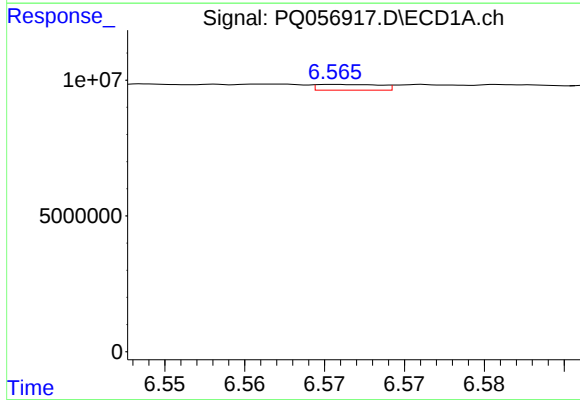
R.T.: 6.183 min
Delta R.T.: 0.005 min
Response: 1370858
Conc: 2.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



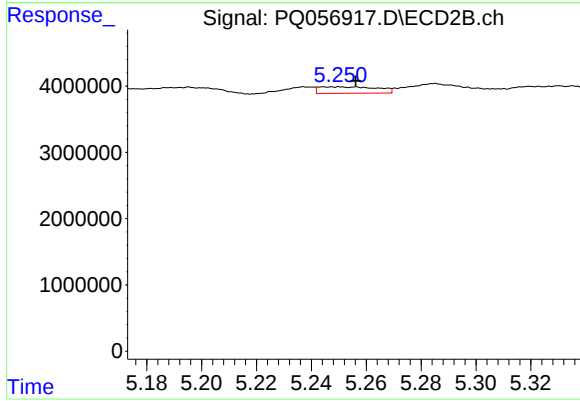
#23 AR-1248-3

R.T.: 5.085 min
Delta R.T.: -0.002 min
Response: 504766
Conc: 1.44 ng/ml



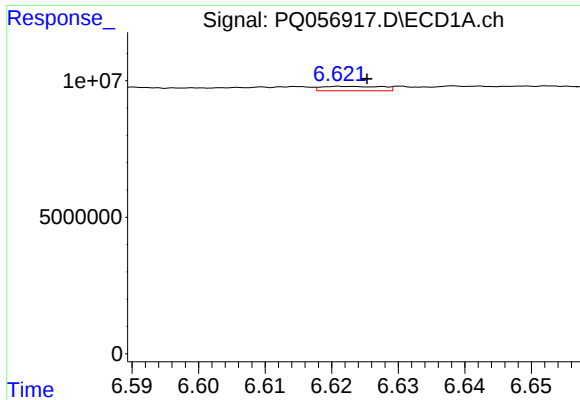
#24 AR-1248-4

R.T.: 6.566 min
Delta R.T.: -0.020 min
Response: 579661
Conc: 0.89 ng/ml



#24 AR-1248-4

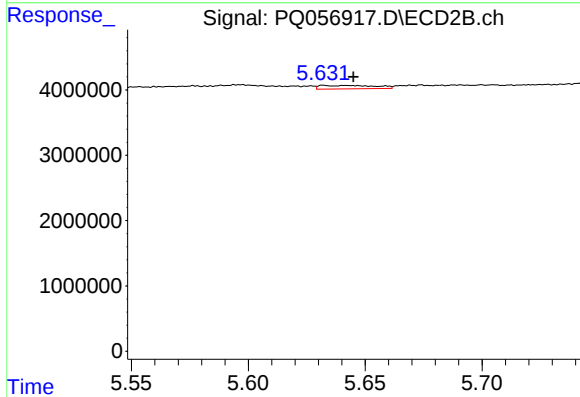
R.T.: 5.248 min
Delta R.T.: -0.009 min
Response: 1443309
Conc: 3.45 ng/ml



#25 AR-1248-5

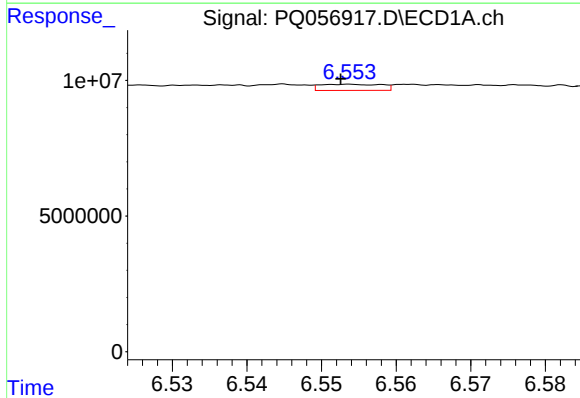
R.T.: 6.622 min
Delta R.T.: -0.004 min
Response: 1003548
Conc: 1.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



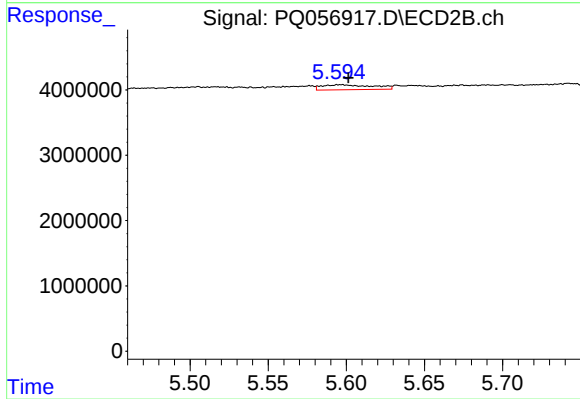
#25 AR-1248-5

R.T.: 5.632 min
Delta R.T.: -0.013 min
Response: 873581
Conc: 1.95 ng/ml



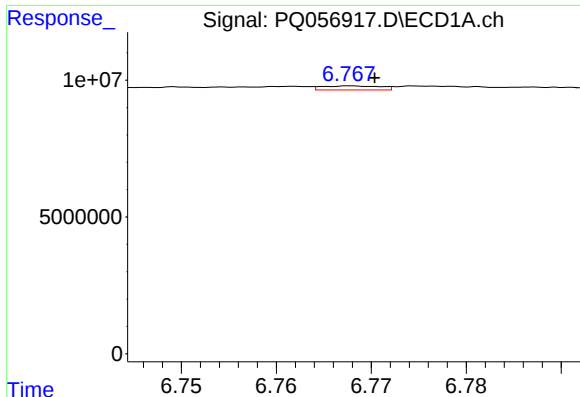
#26 AR-1254-1

R.T.: 6.554 min
Delta R.T.: 0.001 min
Response: 1293229
Conc: 2.01 ng/ml



#26 AR-1254-1

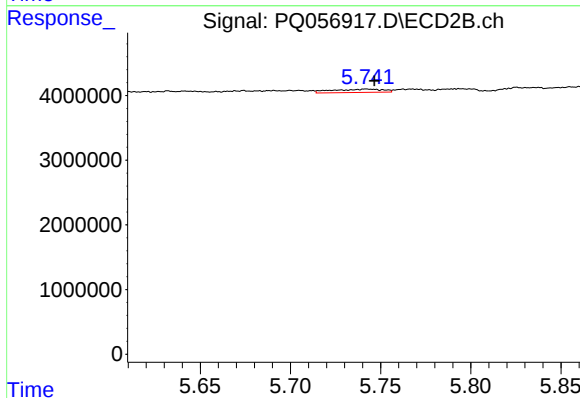
R.T.: 5.596 min
Delta R.T.: -0.005 min
Response: 1722351
Conc: 2.58 ng/ml



#27 AR-1254-2

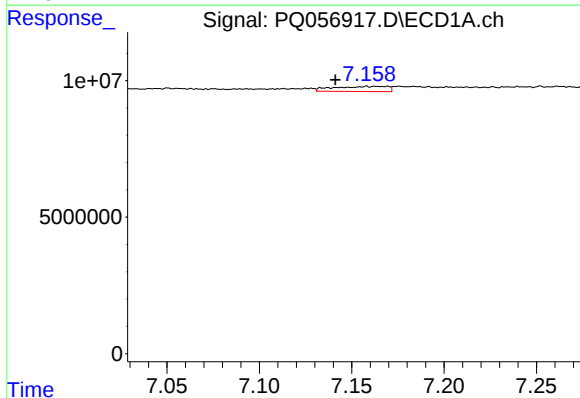
R.T.: 6.768 min
Delta R.T.: -0.002 min
Response: 640091
Conc: 0.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



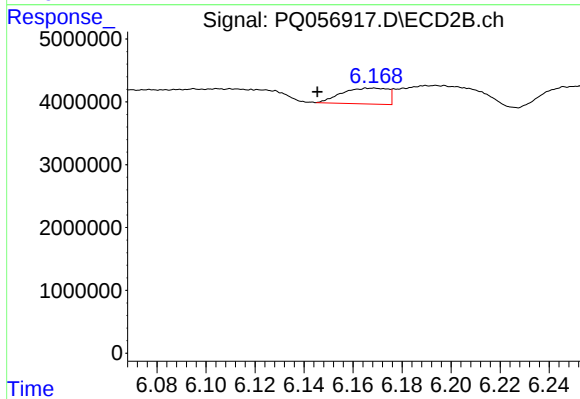
#27 AR-1254-2

R.T.: 5.742 min
Delta R.T.: -0.004 min
Response: 1005066
Conc: 1.83 ng/ml



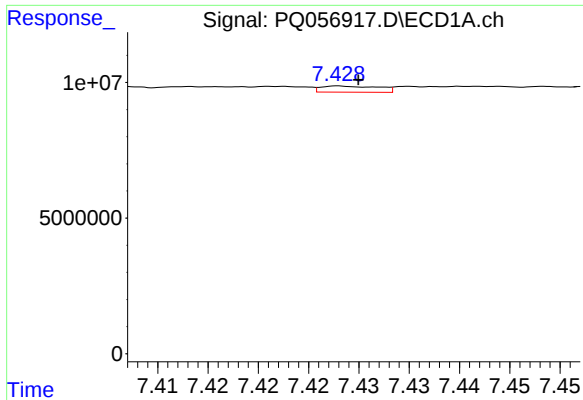
#28 AR-1254-3

R.T.: 7.158 min
Delta R.T.: 0.017 min
Response: 3775496
Conc: 3.41 ng/ml



#28 AR-1254-3

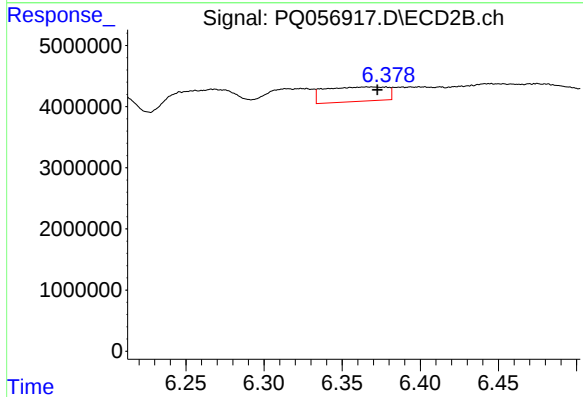
R.T.: 6.168 min
Delta R.T.: 0.022 min
Response: 3263570
Conc: 3.51 ng/ml



#29 AR-1254-4

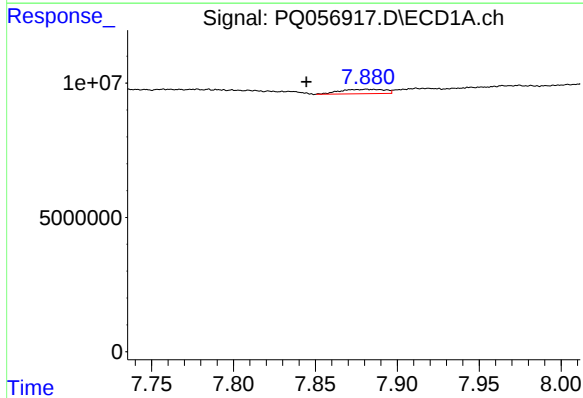
R.T.: 7.428 min
Delta R.T.: -0.002 min
Response: 906288
Conc: 1.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



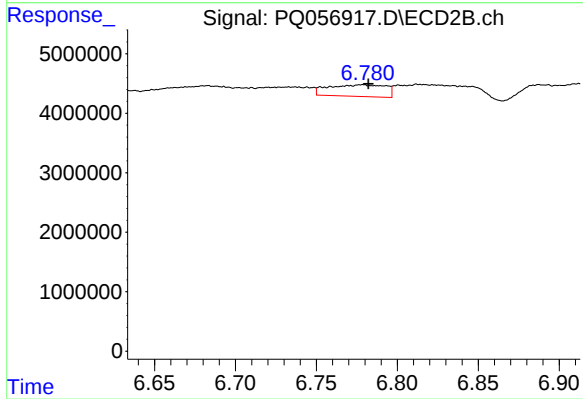
#29 AR-1254-4

R.T.: 6.366 min
Delta R.T.: -0.007 min
Response: 6560880
Conc: 9.70 ng/ml



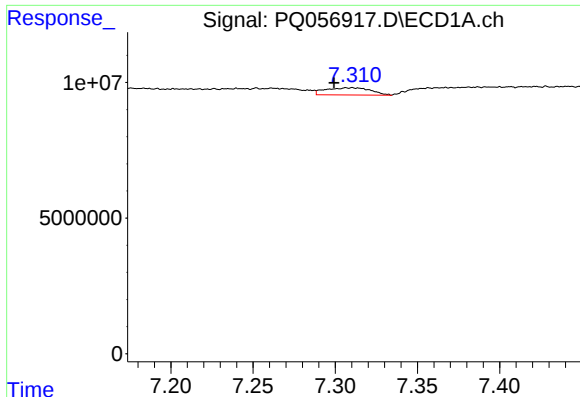
#30 AR-1254-5

R.T.: 7.881 min
Delta R.T.: 0.037 min
Response: 3118370
Conc: 3.69 ng/ml



#30 AR-1254-5

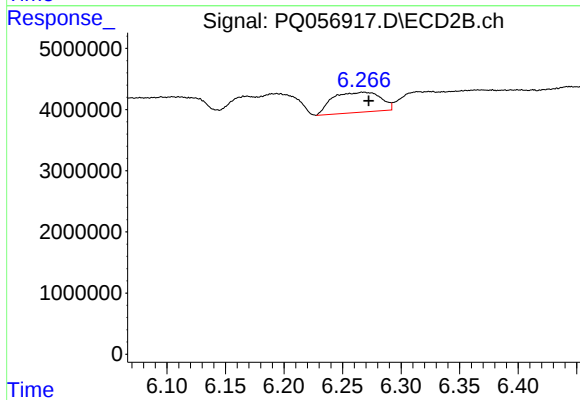
R.T.: 6.778 min
Delta R.T.: -0.004 min
Response: 4775485
Conc: 5.85 ng/ml



#31 AR-1260-1

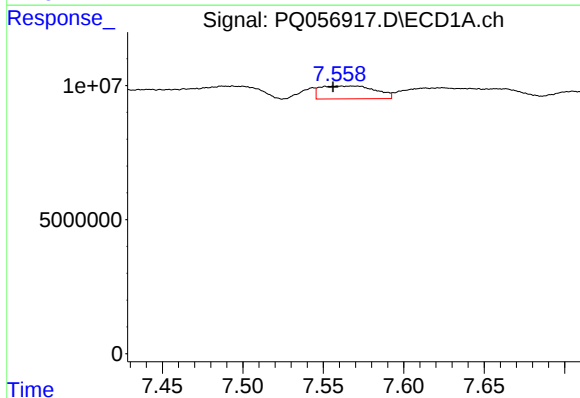
R.T.: 7.311 min
Delta R.T.: 0.011 min
Response: 5019816
Conc: 7.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



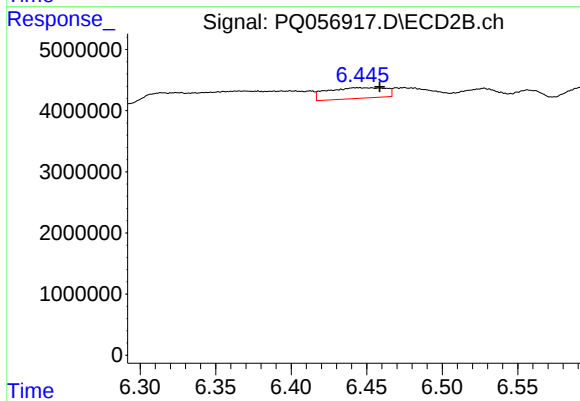
#31 AR-1260-1

R.T.: 6.268 min
Delta R.T.: -0.005 min
Response: 9397515
Conc: 17.20 ng/ml



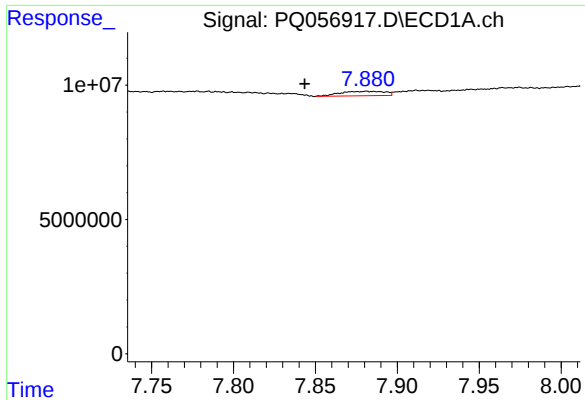
#32 AR-1260-2

R.T.: 7.561 min
Delta R.T.: 0.005 min
Response: 11425670
Conc: 15.50 ng/ml



#32 AR-1260-2

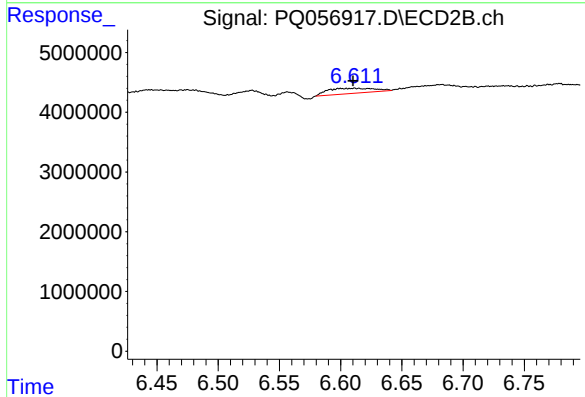
R.T.: 6.444 min
Delta R.T.: -0.015 min
Response: 4753976
Conc: 7.14 ng/ml



#33 AR-1260-3

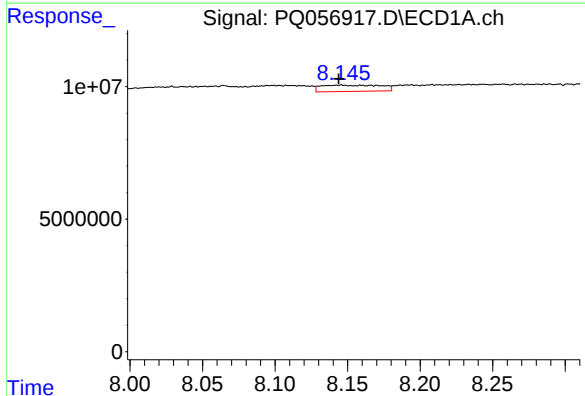
R.T.: 7.881 min
Delta R.T.: 0.038 min
Response: 3118370
Conc: 3.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



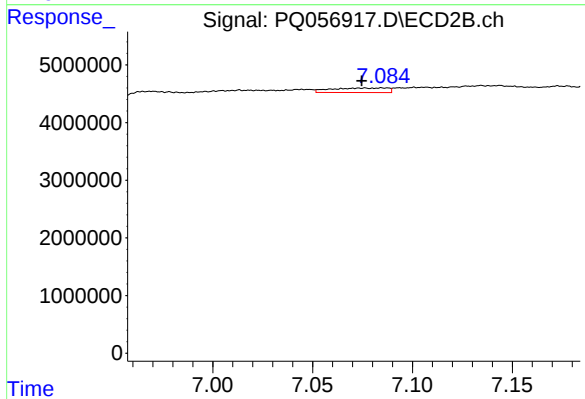
#33 AR-1260-3

R.T.: 6.611 min
Delta R.T.: 0.001 min
Response: 2275257
Conc: 3.68 ng/ml



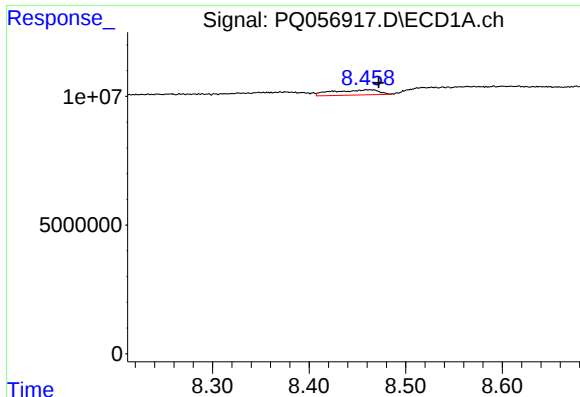
#34 AR-1260-4

R.T.: 8.145 min
Delta R.T.: 0.001 min
Response: 6749275
Conc: 9.78 ng/ml



#34 AR-1260-4

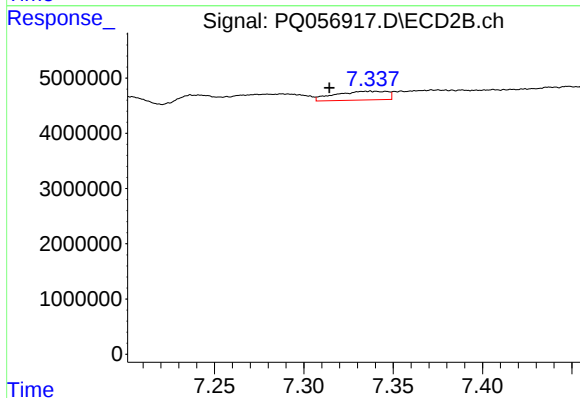
R.T.: 7.085 min
Delta R.T.: 0.010 min
Response: 1543884
Conc: 2.92 ng/ml



#35 AR-1260-5

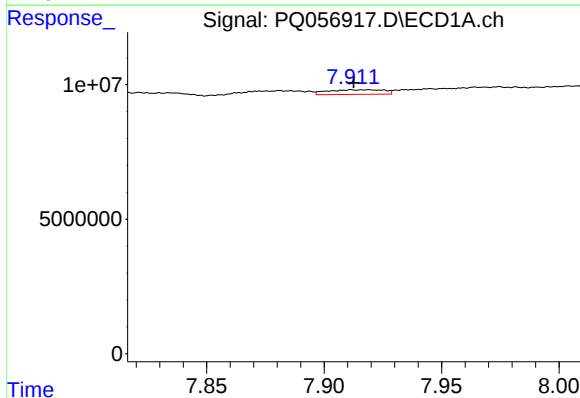
R.T.: 8.463 min
Delta R.T.: -0.010 min
Response: 6585975
Conc: 4.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



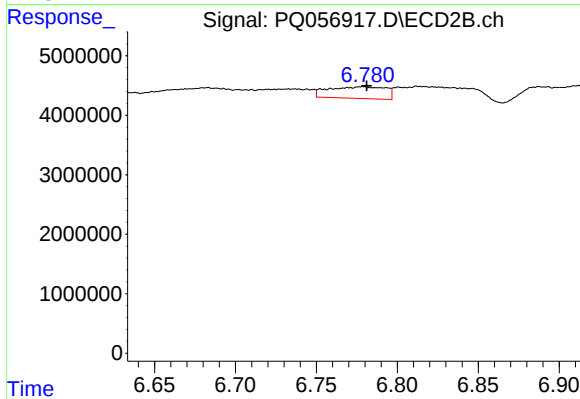
#35 AR-1260-5

R.T.: 7.337 min
Delta R.T.: 0.023 min
Response: 3232296
Conc: 2.47 ng/ml



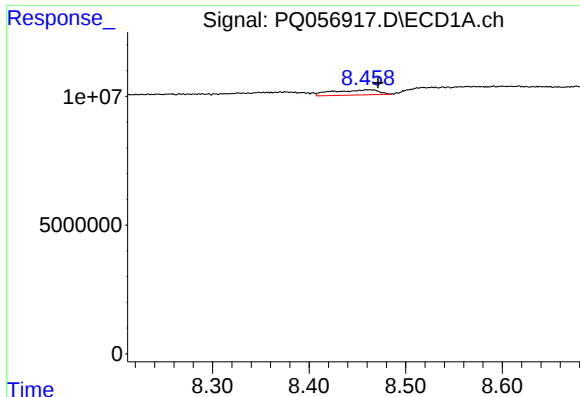
#36 AR-1262-1

R.T.: 7.912 min
Delta R.T.: 0.000 min
Response: 2908477
Conc: 2.90 ng/ml



#36 AR-1262-1

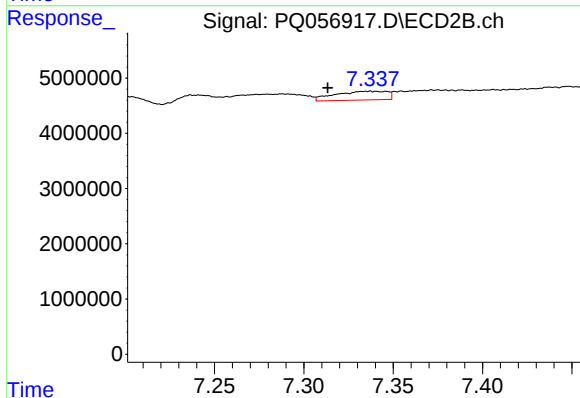
R.T.: 6.778 min
Delta R.T.: -0.003 min
Response: 4775485
Conc: 11.28 ng/ml



#37 AR-1262-2

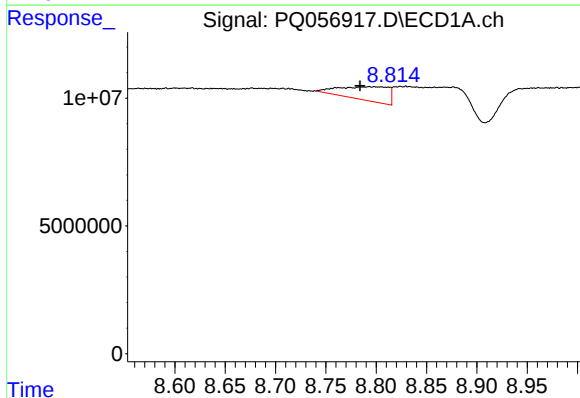
R.T.: 8.463 min
Delta R.T.: -0.009 min
Response: 6585975
Conc: 3.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



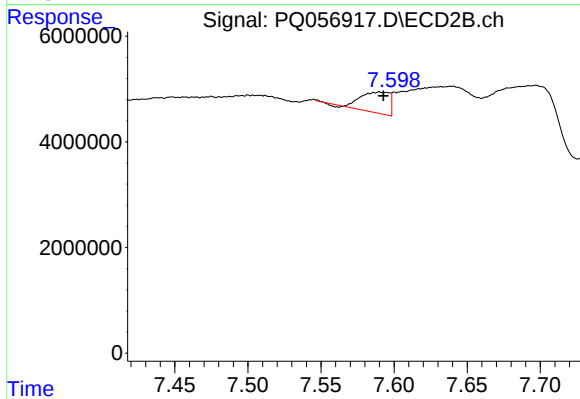
#37 AR-1262-2

R.T.: 7.337 min
Delta R.T.: 0.024 min
Response: 3232296
Conc: 2.02 ng/ml



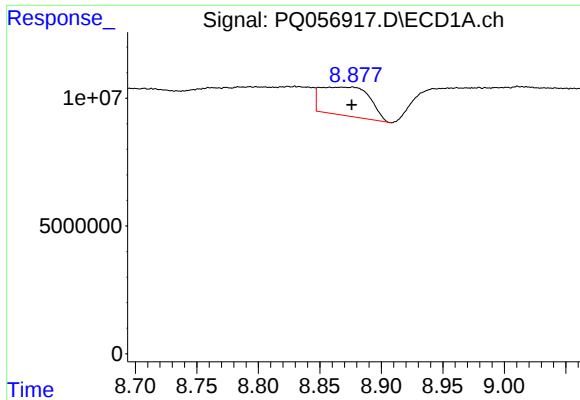
#38 AR-1262-3

R.T.: 8.794 min
Delta R.T.: 0.010 min
Response: 18036542
Conc: 22.35 ng/ml



#38 AR-1262-3

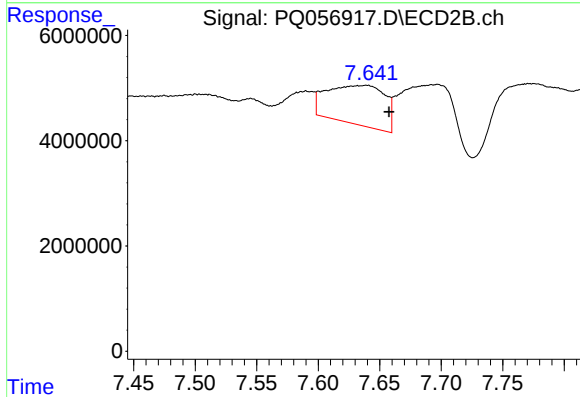
R.T.: 7.590 min
Delta R.T.: -0.003 min
Response: 5367333
Conc: 8.37 ng/ml



#39 AR-1262-4

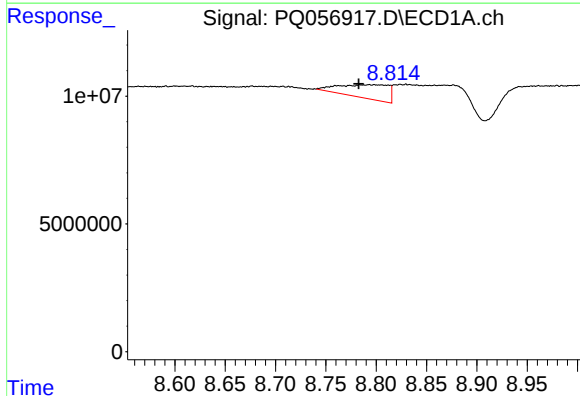
R.T.: 8.867 min
Delta R.T.: -0.008 min
Response: 31084445
Conc: 51.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



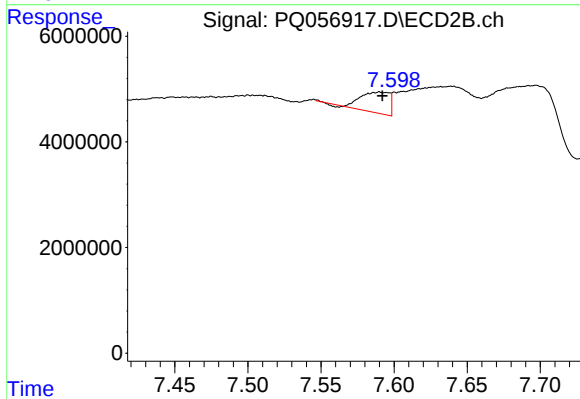
#39 AR-1262-4

R.T.: 7.639 min
Delta R.T.: -0.018 min
Response: 24392680
Conc: 20.67 ng/ml



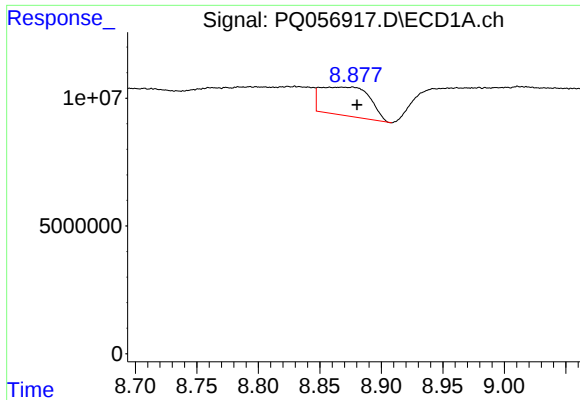
#41 AR-1268-1

R.T.: 8.794 min
Delta R.T.: 0.011 min
Response: 18036542
Conc: 8.31 ng/ml



#41 AR-1268-1

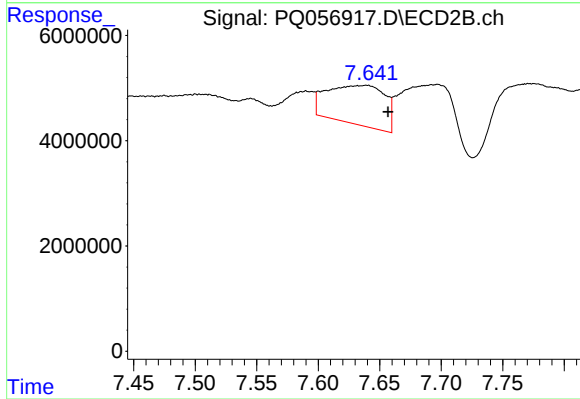
R.T.: 7.590 min
Delta R.T.: -0.002 min
Response: 5367333
Conc: 2.91 ng/ml



#42 AR-1268-2

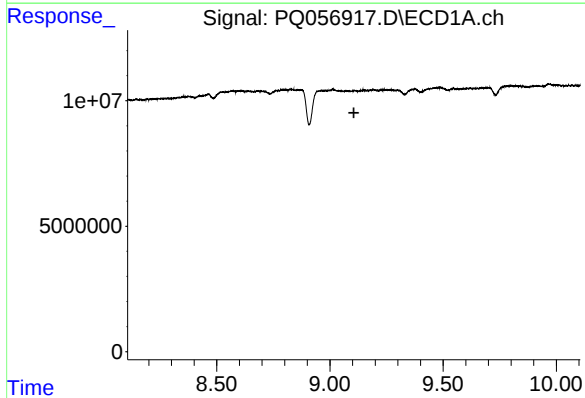
R.T.: 8.867 min
Delta R.T.: -0.013 min
Response: 31084445
Conc: 14.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



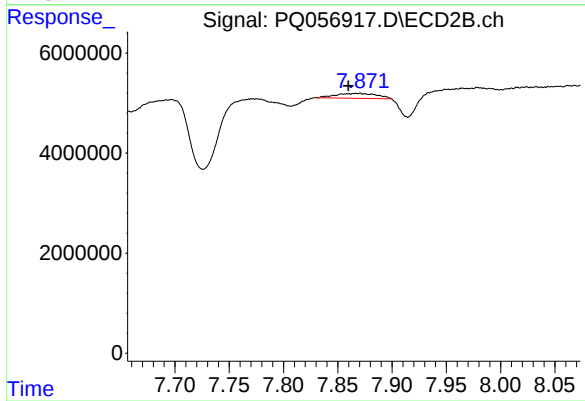
#42 AR-1268-2

R.T.: 7.639 min
Delta R.T.: -0.017 min
Response: 24392680
Conc: 14.50 ng/ml



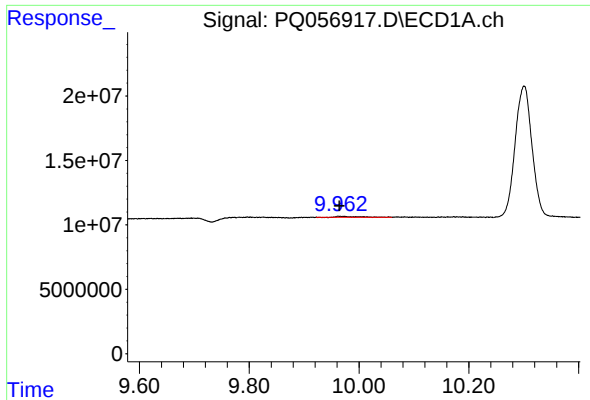
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.106 min
Response: 0
Conc: N.D.



#43 AR-1268-3

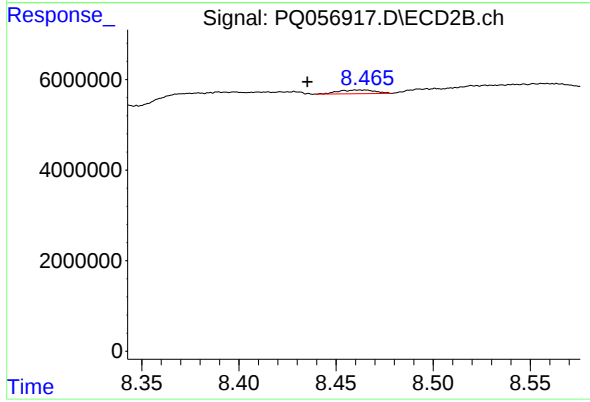
R.T.: 7.870 min
Delta R.T.: 0.010 min
Response: 2584080
Conc: 2.02 ng/ml



#45 AR-1268-5

R.T.: 9.965 min
Delta R.T.: 0.000 min
Response: 2102423
Conc: 0.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.462 min
Delta R.T.: 0.027 min
Response: 1094004
Conc: 0.24 ng/ml