

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012122\
 Data File : PQ055875.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jan 2022 22:54
 Operator : AJ\MA
 Sample : N1222-15 10X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 22 03:50:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ011922.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 20 13:18:56 2022
 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...	5.239	4.298	21613621	19701023	1.596	1.752
2)	SA Decachlor...	11.420	9.663	27463220	13728657	1.881	1.721
Target Compounds							
3)	L1 AR-1016-1	6.572	5.576	536191	436084	1.533	1.420
4)	L1 AR-1016-2	6.572f	5.591	536191	102848	0.789	0.165 #
5)	L1 AR-1016-3	6.647	5.786	330700	178032	0.727	0.652
6)	L1 AR-1016-4	6.759	5.829	525310	127887	1.419	0.507 #
7)	L1 AR-1016-5	7.077	6.056	445715	15189	1.522	0.052 #
8)	L2 AR-1221-1	5.483	4.572	1624283	31083	11.381	0.274 #
9)	L2 AR-1221-2	5.601	4.664	481070	48277	4.386	0.552 #
10)	L2 AR-1221-3	0.000	4.752	0	20871	N.D.	0.074 #
11)	L3 AR-1232-1	0.000	4.752	0	20871	N.D.	0.091 #
12)	L3 AR-1232-2	6.267	5.591	1212939	102848	8.181	0.423 #
13)	L3 AR-1232-3	6.572f	5.786	536191	178032	1.930	1.714
14)	L3 AR-1232-4	6.759	5.878	525310	137055	3.552	1.320 #
15)	L3 AR-1232-5	6.854	6.056	803774	15189	8.501	0.138 #
16)	L4 AR-1242-1	6.572	5.576	536191	436084	1.987	1.884
17)	L4 AR-1242-2	6.572f	5.591	536191	102848	1.024	0.218 #
18)	L4 AR-1242-3	6.661	5.786	333968	178032	0.923	0.857
19)	L4 AR-1242-4	6.759	5.878	525310	137055	1.801	0.614 #
20)	L4 AR-1242-5	7.527f	6.437	96531	438298	0.364	1.623 #
21)	L5 AR-1248-1	6.572	5.576	536191	436084	2.561	2.523
22)	L5 AR-1248-2	6.854	5.829	803774	127887	2.510	0.401 #
23)	L5 AR-1248-3	7.077	5.878	445715	137055	1.178	0.419 #
24)	L5 AR-1248-4	7.527f	6.056	96531	15189	0.228	0.040 #
25)	L5 AR-1248-5	7.527f	6.492	96531	100988	0.210	0.275 #
26)	L6 AR-1254-1	7.451f	6.437	1724934	438298	4.234	0.707 #
27)	L6 AR-1254-2	7.679f	6.591	27734	334788	0.043	0.618 #
28)	L6 AR-1254-3	0.000	7.019	0	97143	N.D.	0.113 #
29)	L6 AR-1254-4	8.384	7.244f	230498	268535	0.407	0.430
30)	L6 AR-1254-5	8.813	7.695	1367574	328659	2.167	0.433 #
31)	L7 AR-1260-1	8.239	7.162	1028995	385120	2.141	0.703 #
32)	L7 AR-1260-2	8.527	7.349	2685470	887641	4.559	1.337 #
33)	L7 AR-1260-3	8.897	7.492f	2194035	1764169	4.388	2.866 #
34)	L7 AR-1260-4	0.000	7.987	0	344286	N.D.	0.682 #
35)	L7 AR-1260-5	9.458f	8.243	620884	237125	0.472	0.200 #
36)	L8 AR-1262-1	8.897	7.695	2194035	328659	3.063	0.904 #
37)	L8 AR-1262-2	9.458	8.243	620884	237125	0.415	0.179 #
38)	L8 AR-1262-3	9.813	8.518	331164	293806	0.430	0.594 #
39)	L8 AR-1262-4	9.903	8.586	118314	385499	0.179	0.418 #
40)	L8 AR-1262-5	10.608	9.089	387879	1760	0.567	0.004 #
41)	L9 AR-1268-1	9.813	8.518	331164	293806	0.175	0.200

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Integration File signal 1: autoint1.e
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 Quant Time: Jan 22 03:50:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ011922.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 20 13:18:56 2022
 Response via : Initial Calibration
 Integrator: ChemStation

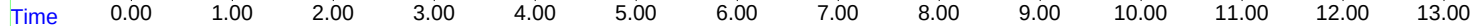
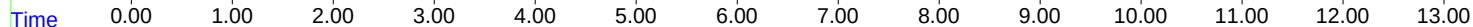
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

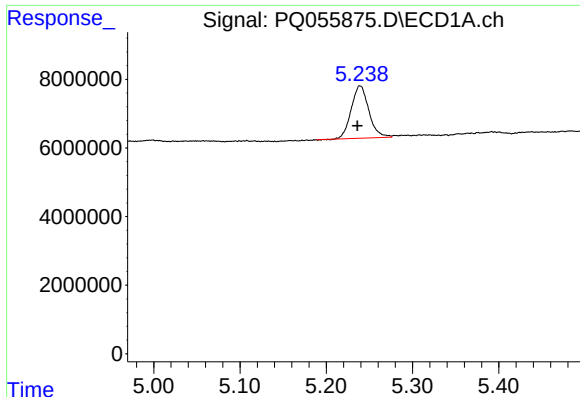
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.903	8.586	118314	385499	0.059	0.291 #
43) L9	AR-1268-3	10.173f	8.789	573210	737095	0.335	0.667 #
44) L9	AR-1268-4	10.608	9.089	387879	1760	0.520	0.004 #
45) L9	AR-1268-5	11.068	9.385	95154	230860	0.017	0.070 #

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

Instrument :
ECD_Q
ClientSampleId :

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

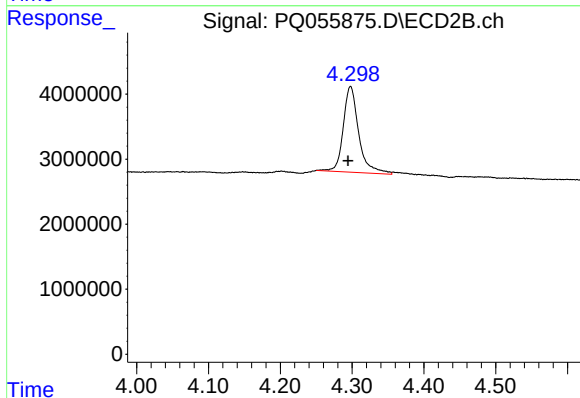




#1 Tetrachloro-m-xylene

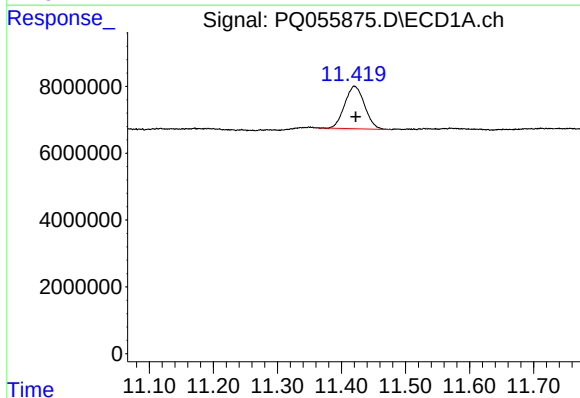
R.T.: 5.239 min
Delta R.T.: 0.003 min
Response: 21613621
Conc: 1.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



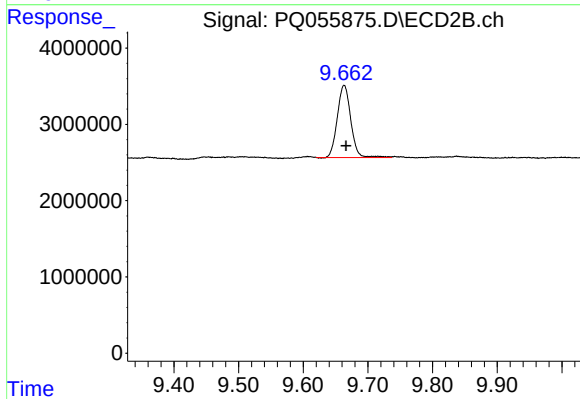
#1 Tetrachloro-m-xylene

R.T.: 4.298 min
Delta R.T.: 0.004 min
Response: 19701023
Conc: 1.75 ng/ml



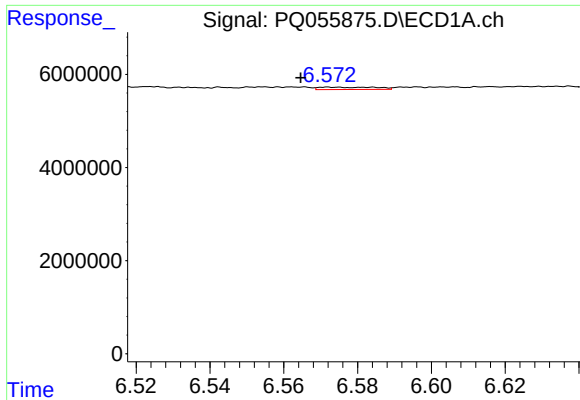
#2 Decachlorobiphenyl

R.T.: 11.420 min
Delta R.T.: -0.002 min
Response: 27463220
Conc: 1.88 ng/ml



#2 Decachlorobiphenyl

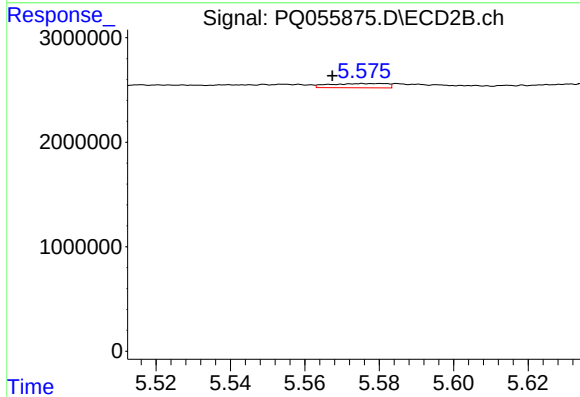
R.T.: 9.663 min
Delta R.T.: -0.003 min
Response: 13728657
Conc: 1.72 ng/ml



#3 AR-1016-1

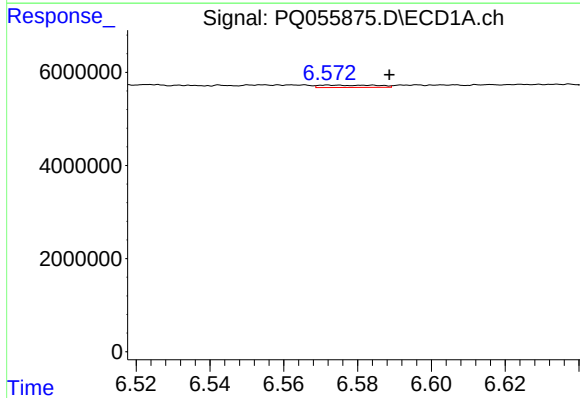
R.T.: 6.572 min
Delta R.T.: 0.008 min
Response: 536191
Conc: 1.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



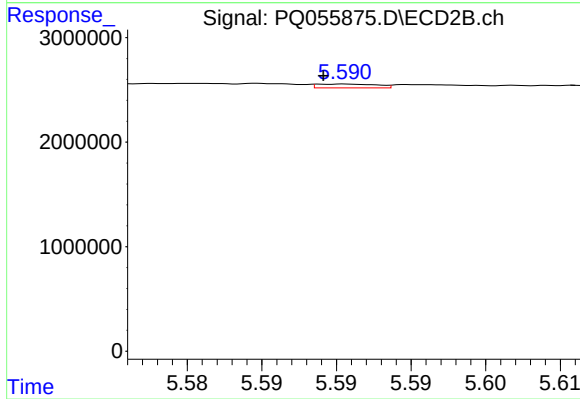
#3 AR-1016-1

R.T.: 5.576 min
Delta R.T.: 0.008 min
Response: 436084
Conc: 1.42 ng/ml



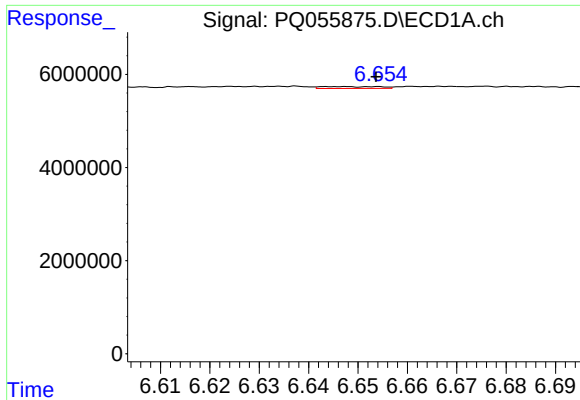
#4 AR-1016-2

R.T.: 6.572 min
Delta R.T.: -0.016 min
Response: 536191
Conc: 0.79 ng/ml



#4 AR-1016-2

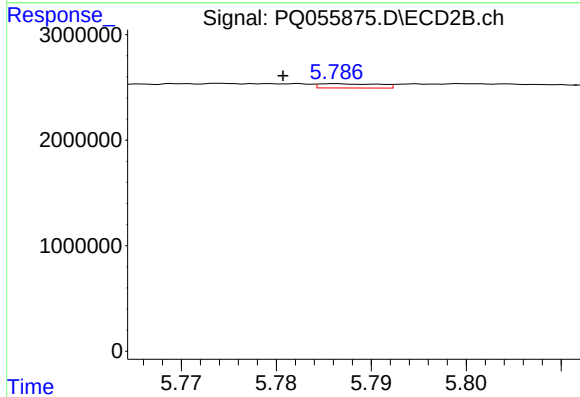
R.T.: 5.591 min
Delta R.T.: 0.001 min
Response: 102848
Conc: 0.17 ng/ml



#5 AR-1016-3

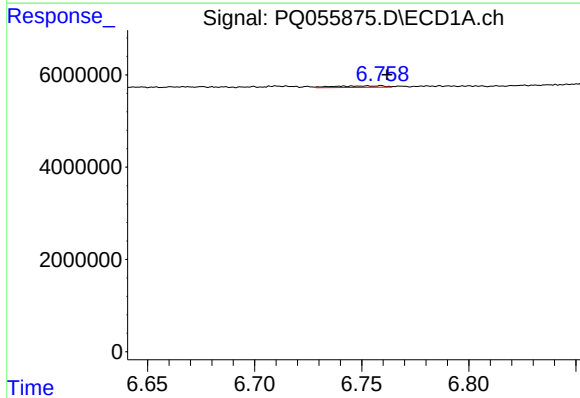
R.T.: 6.647 min
Delta R.T.: -0.007 min
Response: 330700
Conc: 0.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



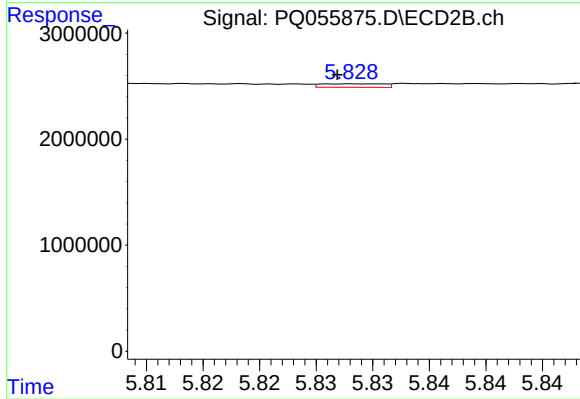
#5 AR-1016-3

R.T.: 5.786 min
Delta R.T.: 0.006 min
Response: 178032
Conc: 0.65 ng/ml



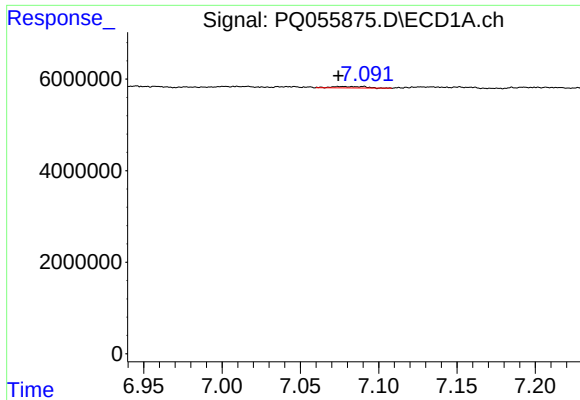
#6 AR-1016-4

R.T.: 6.759 min
Delta R.T.: -0.003 min
Response: 525310
Conc: 1.42 ng/ml



#6 AR-1016-4

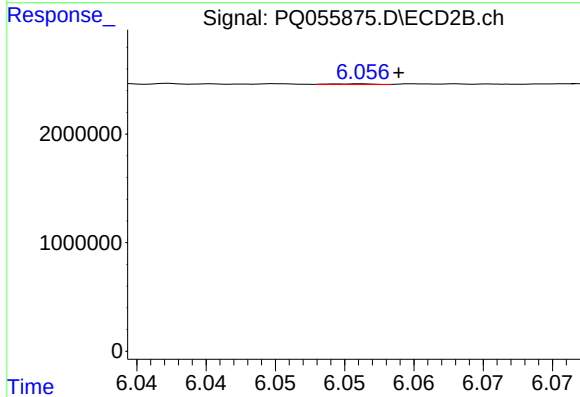
R.T.: 5.829 min
Delta R.T.: 0.002 min
Response: 127887
Conc: 0.51 ng/ml



#7 AR-1016-5

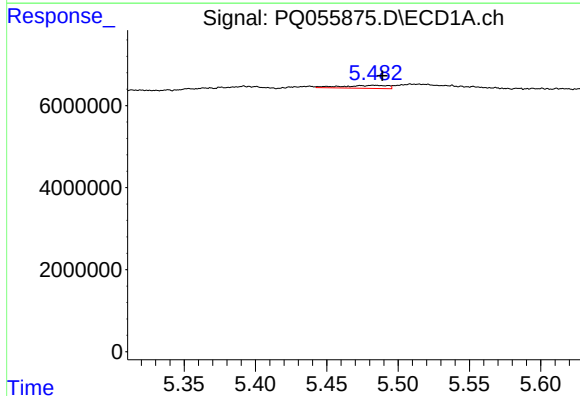
R.T.: 7.077 min
Delta R.T.: 0.003 min
Response: 445715
Conc: 1.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



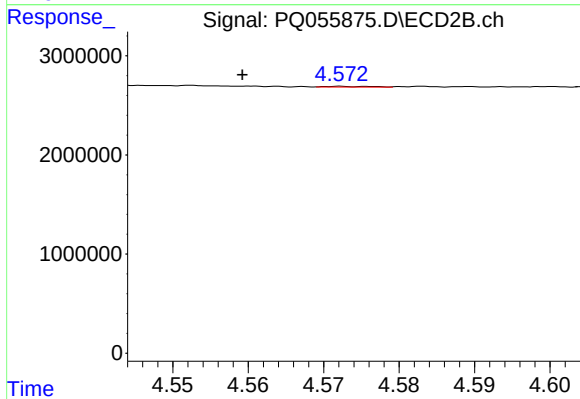
#7 AR-1016-5

R.T.: 6.056 min
Delta R.T.: -0.003 min
Response: 15189
Conc: 0.05 ng/ml



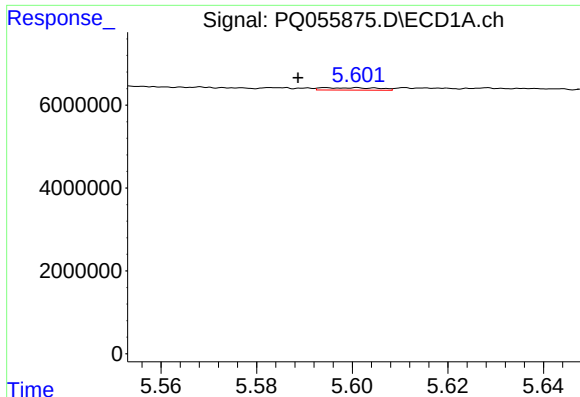
#8 AR-1221-1

R.T.: 5.483 min
Delta R.T.: -0.006 min
Response: 1624283
Conc: 11.38 ng/ml



#8 AR-1221-1

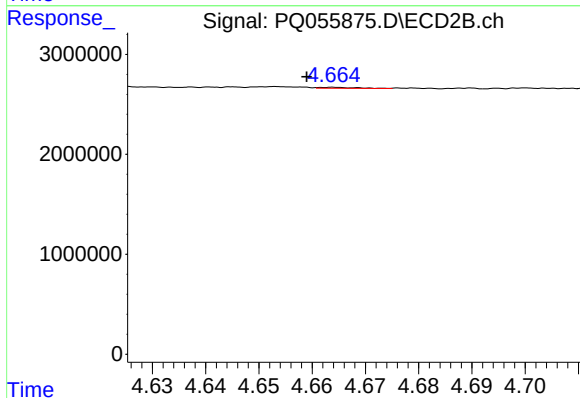
R.T.: 4.572 min
Delta R.T.: 0.013 min
Response: 31083
Conc: 0.27 ng/ml



#9 AR-1221-2

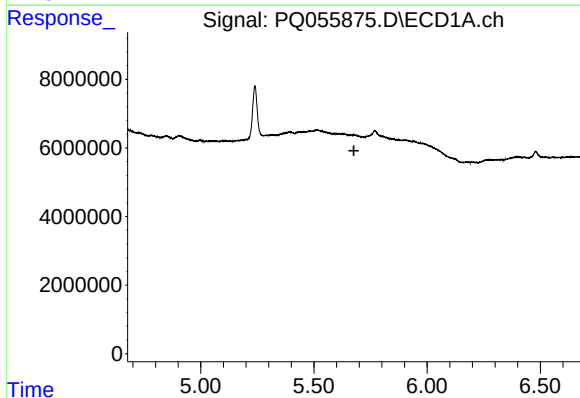
R.T.: 5.601 min
Delta R.T.: 0.012 min
Response: 481070
Conc: 4.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



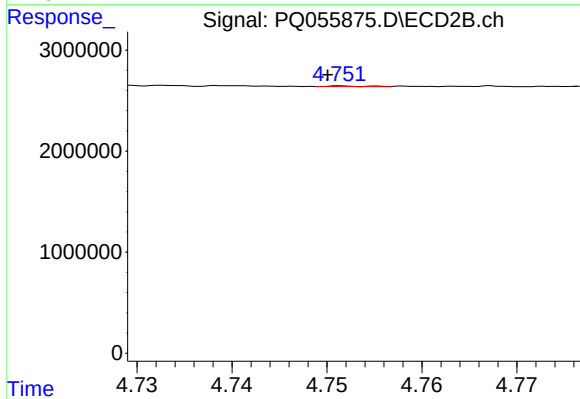
#9 AR-1221-2

R.T.: 4.664 min
Delta R.T.: 0.005 min
Response: 48277
Conc: 0.55 ng/ml



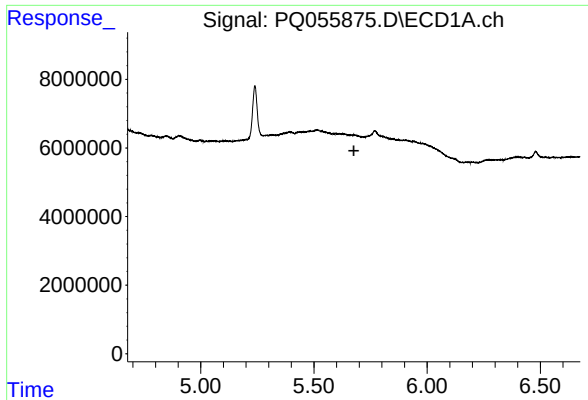
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.677 min
Response: 0
Conc: N.D.



#10 AR-1221-3

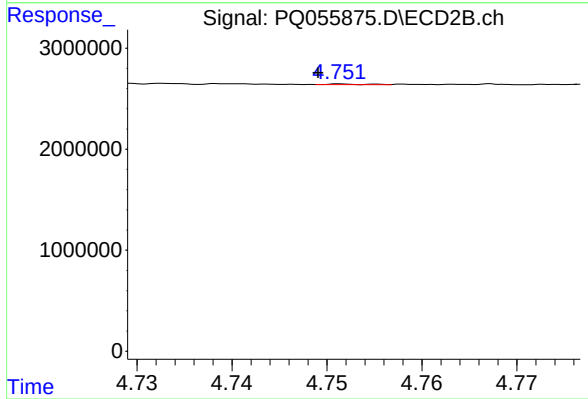
R.T.: 4.752 min
Delta R.T.: 0.002 min
Response: 20871
Conc: 0.07 ng/ml



#11 AR-1232-1

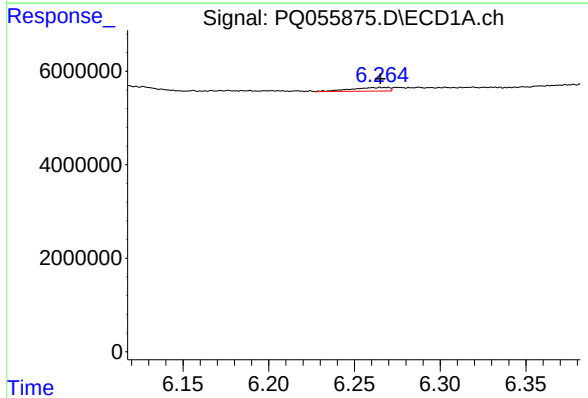
R.T.: 0.000 min
Exp R.T.: 5.676 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



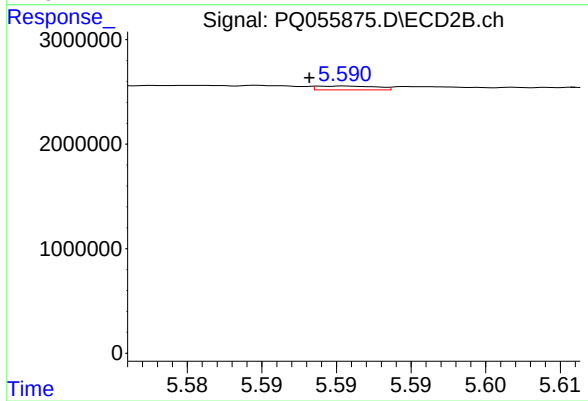
#11 AR-1232-1

R.T.: 4.752 min
Delta R.T.: 0.003 min
Response: 20871
Conc: 0.09 ng/ml



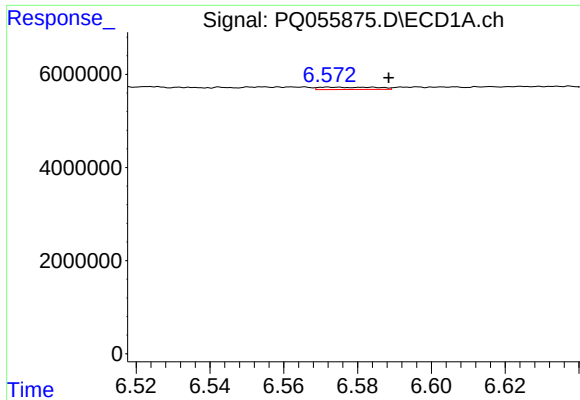
#12 AR-1232-2

R.T.: 6.267 min
Delta R.T.: 0.002 min
Response: 1212939
Conc: 8.18 ng/ml



#12 AR-1232-2

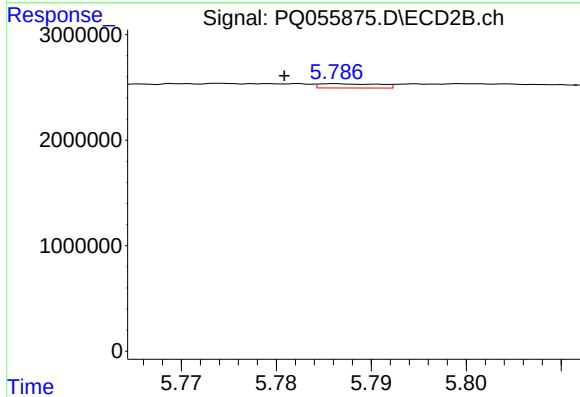
R.T.: 5.591 min
Delta R.T.: 0.002 min
Response: 102848
Conc: 0.42 ng/ml



#13 AR-1232-3

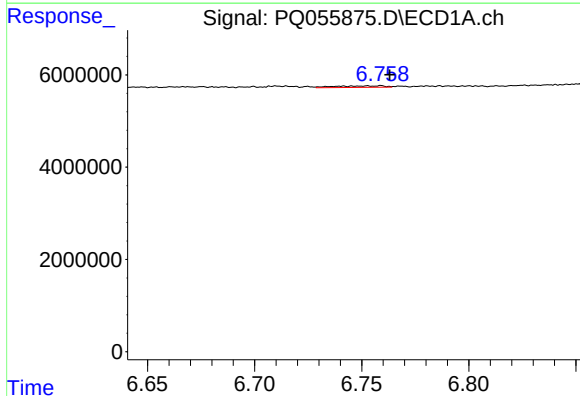
R.T.: 6.572 min
Delta R.T.: -0.016 min
Response: 536191
Conc: 1.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



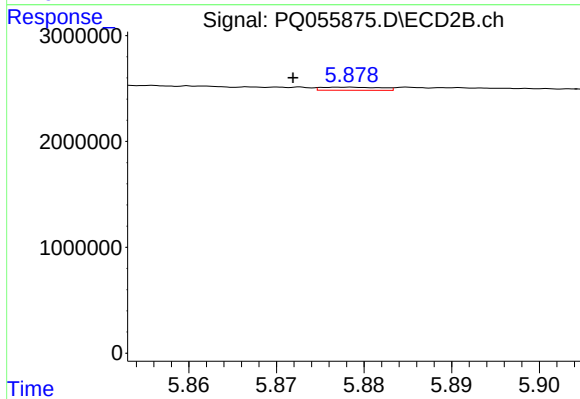
#13 AR-1232-3

R.T.: 5.786 min
Delta R.T.: 0.005 min
Response: 178032
Conc: 1.71 ng/ml



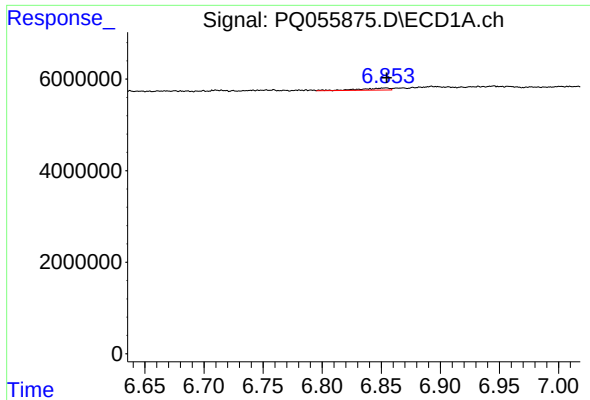
#14 AR-1232-4

R.T.: 6.759 min
Delta R.T.: -0.004 min
Response: 525310
Conc: 3.55 ng/ml



#14 AR-1232-4

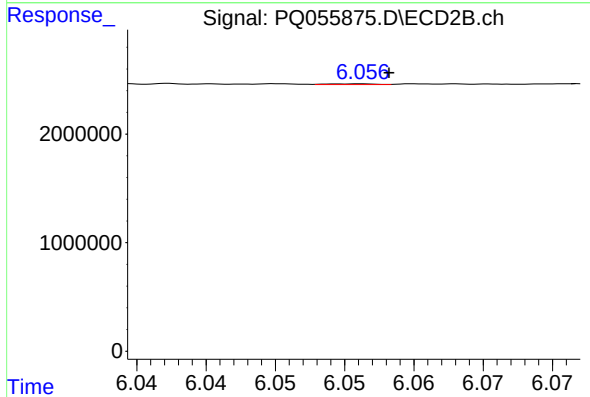
R.T.: 5.878 min
Delta R.T.: 0.006 min
Response: 137055
Conc: 1.32 ng/ml



#15 AR-1232-5

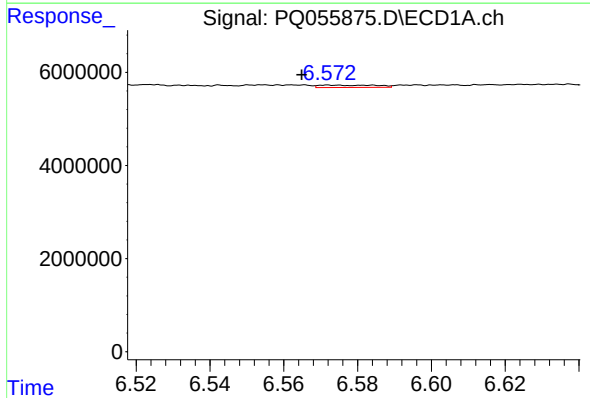
R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 803774
Conc: 8.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



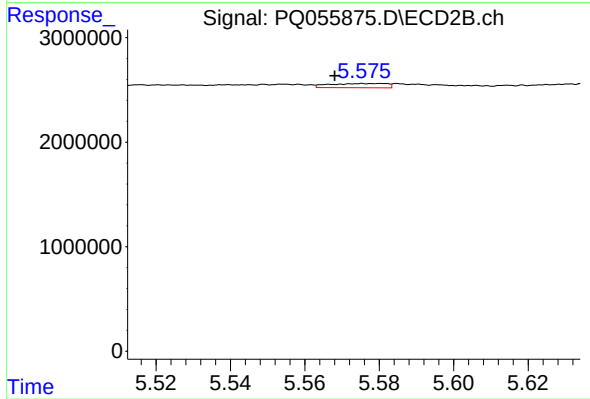
#15 AR-1232-5

R.T.: 6.056 min
Delta R.T.: -0.002 min
Response: 15189
Conc: 0.14 ng/ml



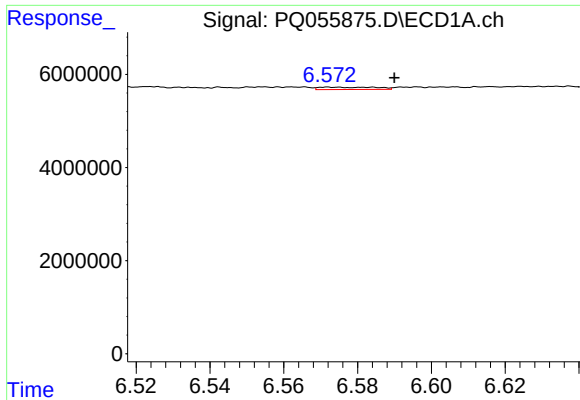
#16 AR-1242-1

R.T.: 6.572 min
Delta R.T.: 0.008 min
Response: 536191
Conc: 1.99 ng/ml



#16 AR-1242-1

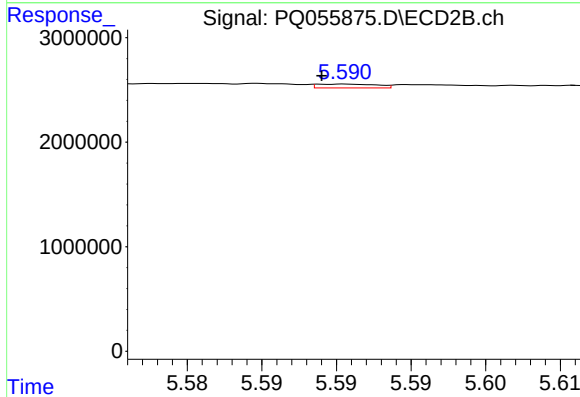
R.T.: 5.576 min
Delta R.T.: 0.008 min
Response: 436084
Conc: 1.88 ng/ml



#17 AR-1242-2

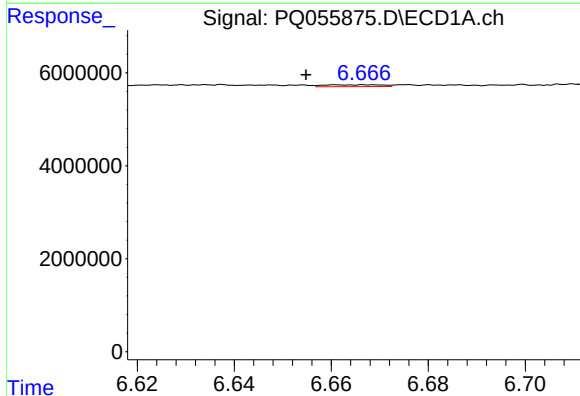
R.T.: 6.572 min
Delta R.T.: -0.018 min
Response: 536191
Conc: 1.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



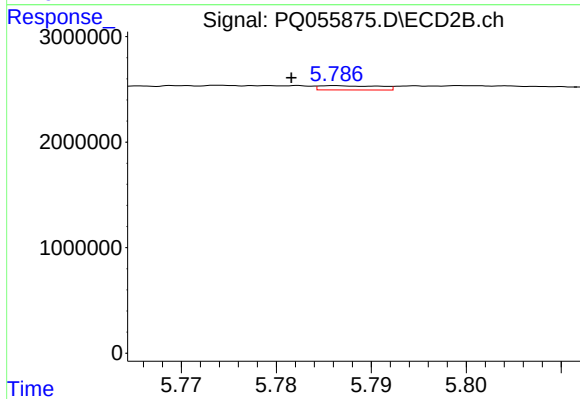
#17 AR-1242-2

R.T.: 5.591 min
Delta R.T.: 0.002 min
Response: 102848
Conc: 0.22 ng/ml



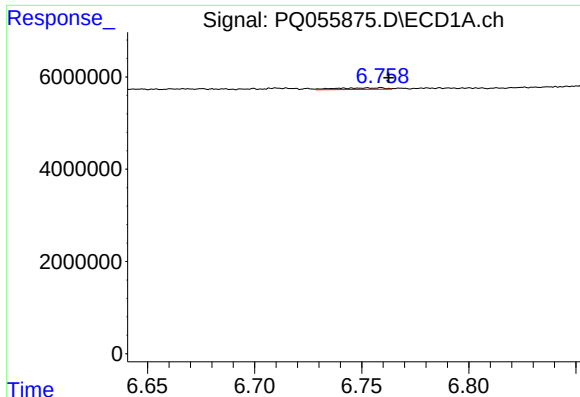
#18 AR-1242-3

R.T.: 6.661 min
Delta R.T.: 0.007 min
Response: 333968
Conc: 0.92 ng/ml



#18 AR-1242-3

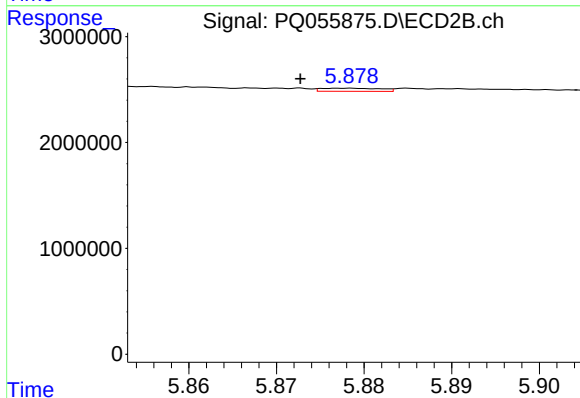
R.T.: 5.786 min
Delta R.T.: 0.005 min
Response: 178032
Conc: 0.86 ng/ml



#19 AR-1242-4

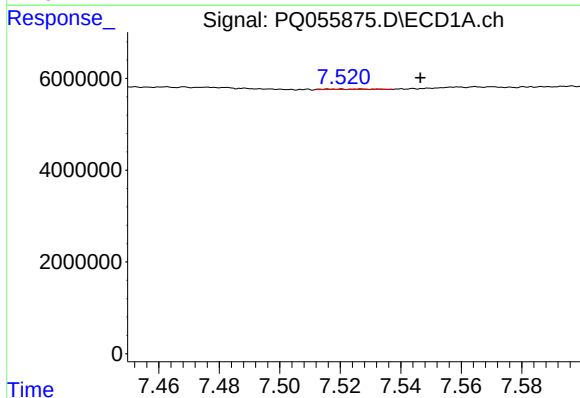
R.T.: 6.759 min
Delta R.T.: -0.004 min
Response: 525310
Conc: 1.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



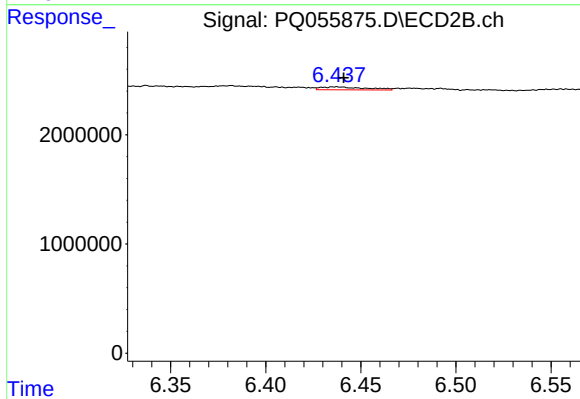
#19 AR-1242-4

R.T.: 5.878 min
Delta R.T.: 0.005 min
Response: 137055
Conc: 0.61 ng/ml



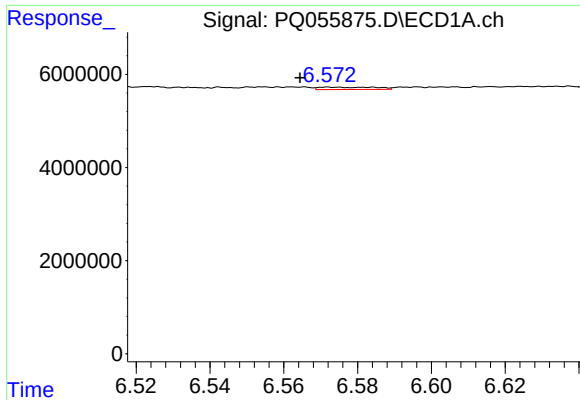
#20 AR-1242-5

R.T.: 7.527 min
Delta R.T.: -0.020 min
Response: 96531
Conc: 0.36 ng/ml



#20 AR-1242-5

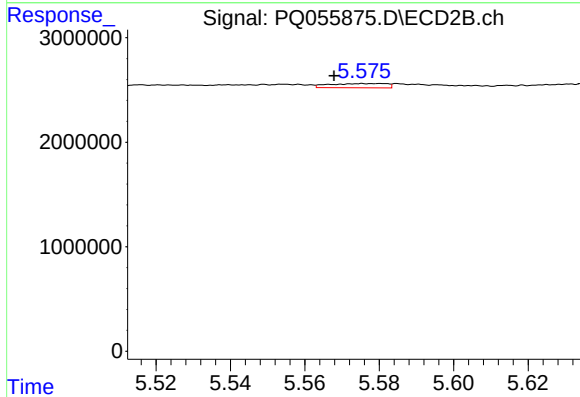
R.T.: 6.437 min
Delta R.T.: -0.004 min
Response: 438298
Conc: 1.62 ng/ml



#21 AR-1248-1

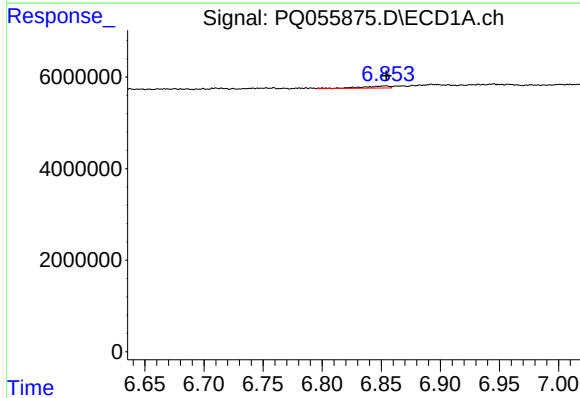
R.T.: 6.572 min
Delta R.T.: 0.008 min
Response: 536191
Conc: 2.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



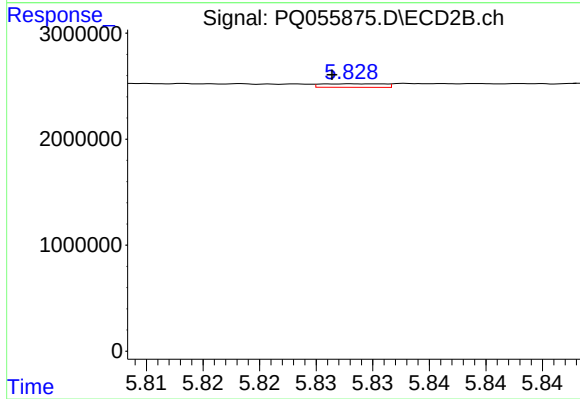
#21 AR-1248-1

R.T.: 5.576 min
Delta R.T.: 0.008 min
Response: 436084
Conc: 2.52 ng/ml



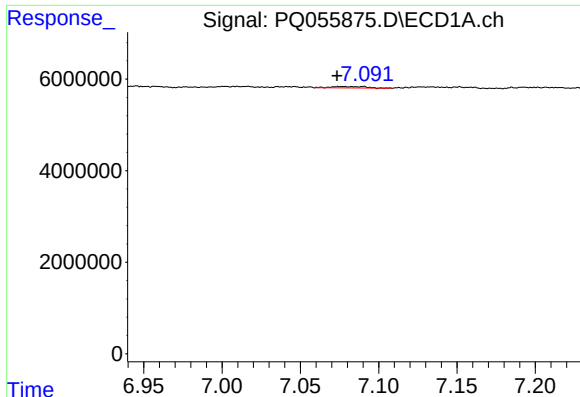
#22 AR-1248-2

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 803774
Conc: 2.51 ng/ml



#22 AR-1248-2

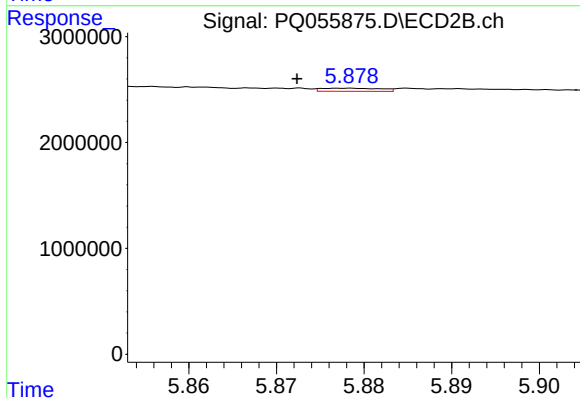
R.T.: 5.829 min
Delta R.T.: 0.002 min
Response: 127887
Conc: 0.40 ng/ml



#23 AR-1248-3

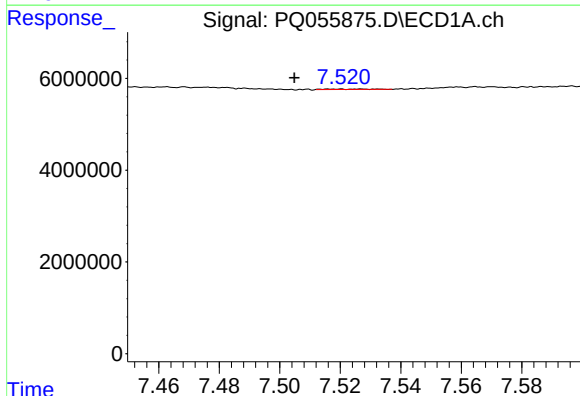
R.T.: 7.077 min
Delta R.T.: 0.003 min
Response: 445715
Conc: 1.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



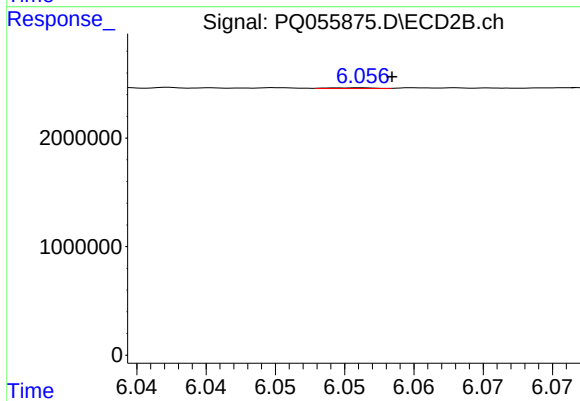
#23 AR-1248-3

R.T.: 5.878 min
Delta R.T.: 0.006 min
Response: 137055
Conc: 0.42 ng/ml



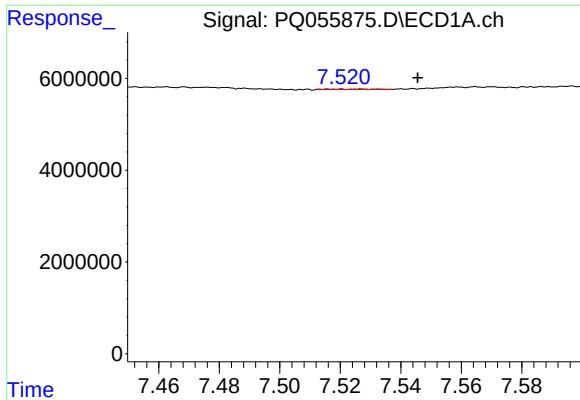
#24 AR-1248-4

R.T.: 7.527 min
Delta R.T.: 0.022 min
Response: 96531
Conc: 0.23 ng/ml



#24 AR-1248-4

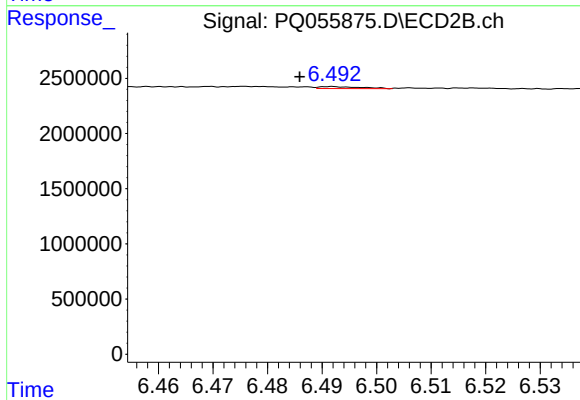
R.T.: 6.056 min
Delta R.T.: -0.002 min
Response: 15189
Conc: 0.04 ng/ml



#25 AR-1248-5

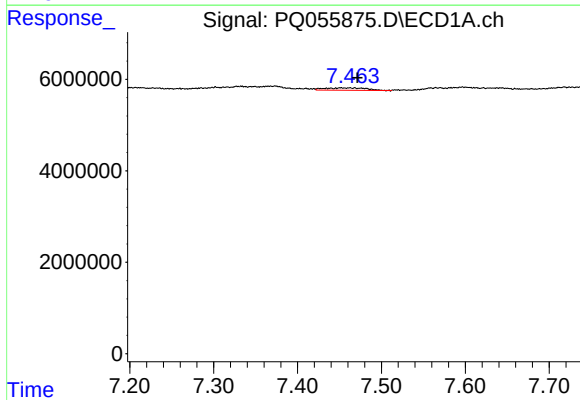
R.T.: 7.527 min
Delta R.T.: -0.019 min
Response: 96531
Conc: 0.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



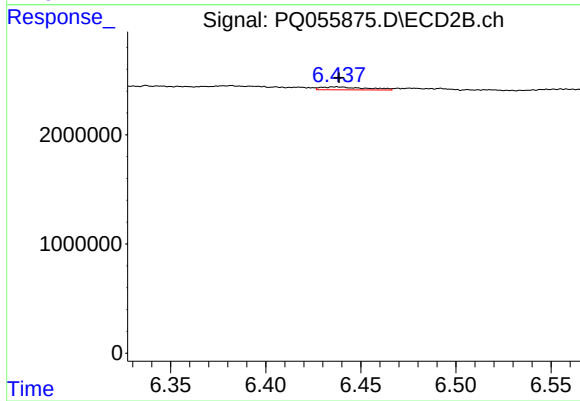
#25 AR-1248-5

R.T.: 6.492 min
Delta R.T.: 0.006 min
Response: 100988
Conc: 0.27 ng/ml



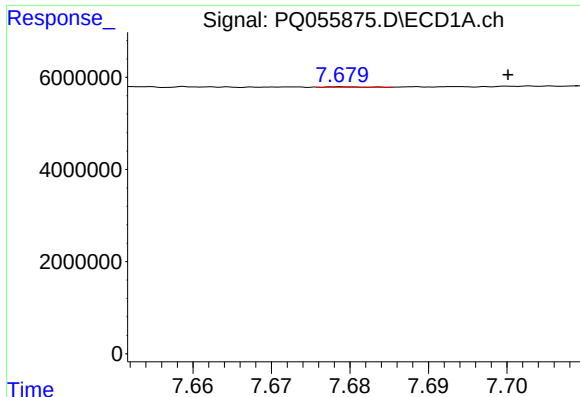
#26 AR-1254-1

R.T.: 7.451 min
Delta R.T.: -0.020 min
Response: 1724934
Conc: 4.23 ng/ml



#26 AR-1254-1

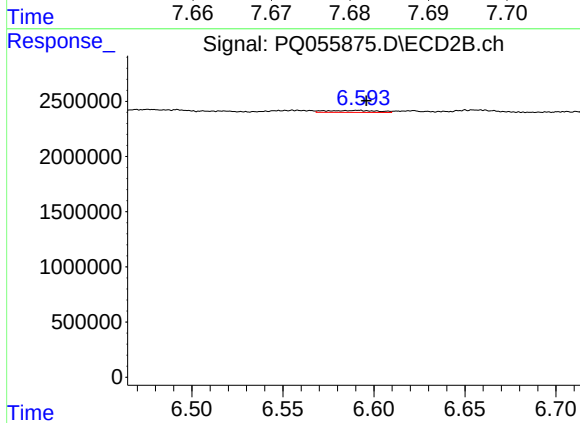
R.T.: 6.437 min
Delta R.T.: -0.001 min
Response: 438298
Conc: 0.71 ng/ml



#27 AR-1254-2

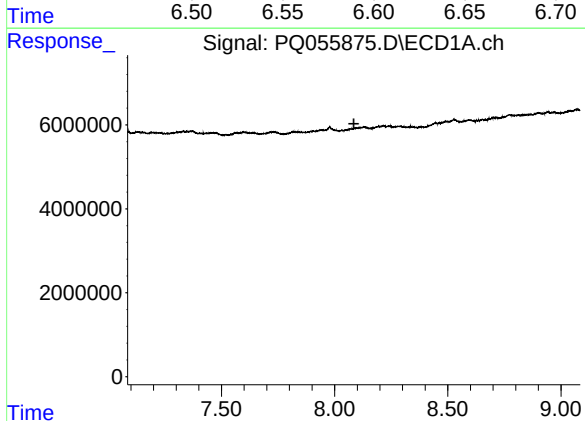
R.T.: 7.679 min
Delta R.T.: -0.021 min
Response: 27734
Conc: 0.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



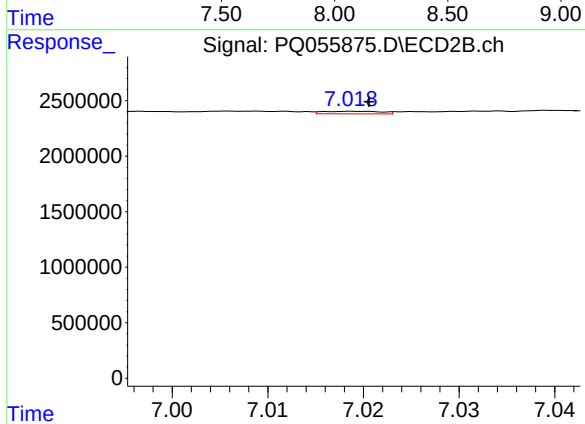
#27 AR-1254-2

R.T.: 6.591 min
Delta R.T.: -0.005 min
Response: 334788
Conc: 0.62 ng/ml



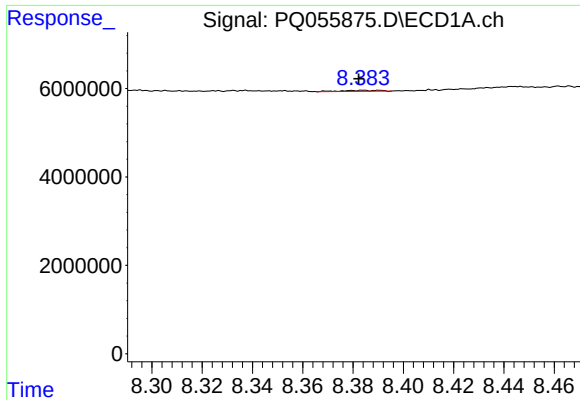
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 8.085 min
Response: 0
Conc: N.D.



#28 AR-1254-3

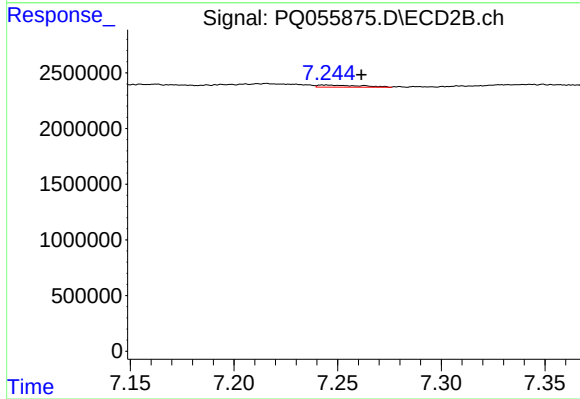
R.T.: 7.019 min
Delta R.T.: -0.002 min
Response: 97143
Conc: 0.11 ng/ml



#29 AR-1254-4

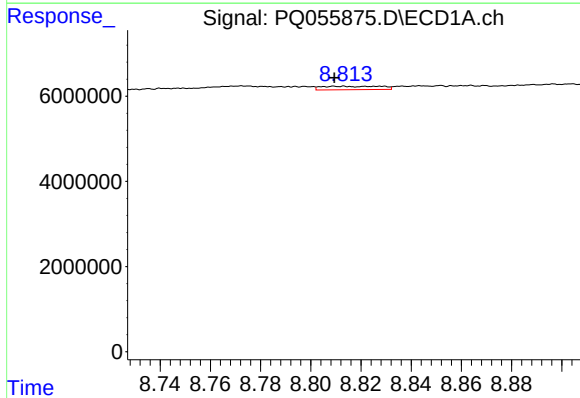
R.T.: 8.384 min
Delta R.T.: 0.002 min
Response: 230498
Conc: 0.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



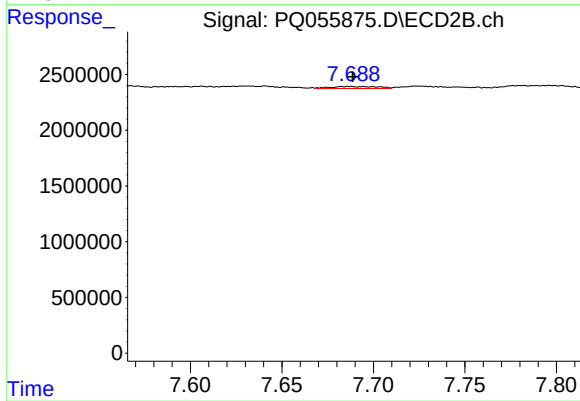
#29 AR-1254-4

R.T.: 7.244 min
Delta R.T.: -0.017 min
Response: 268535
Conc: 0.43 ng/ml



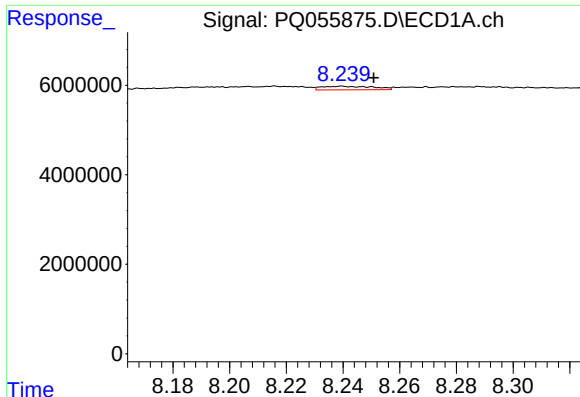
#30 AR-1254-5

R.T.: 8.813 min
Delta R.T.: 0.004 min
Response: 1367574
Conc: 2.17 ng/ml



#30 AR-1254-5

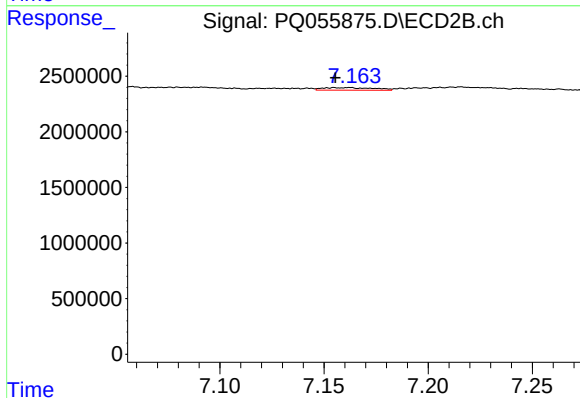
R.T.: 7.695 min
Delta R.T.: 0.006 min
Response: 328659
Conc: 0.43 ng/ml



#31 AR-1260-1

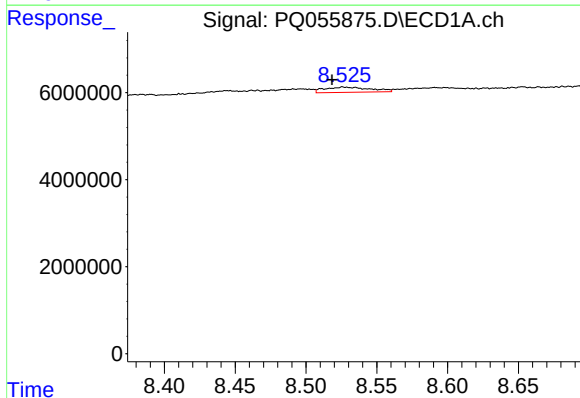
R.T.: 8.239 min
Delta R.T.: -0.011 min
Response: 1028995
Conc: 2.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



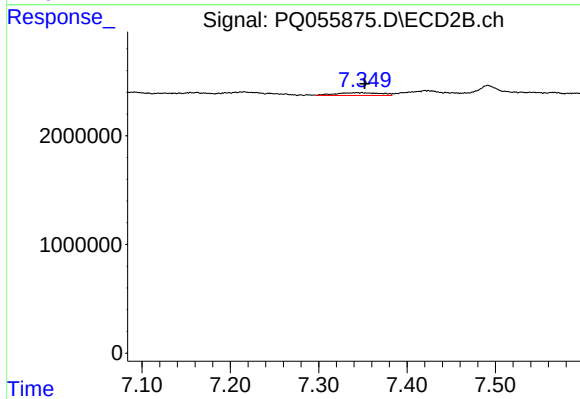
#31 AR-1260-1

R.T.: 7.162 min
Delta R.T.: 0.007 min
Response: 385120
Conc: 0.70 ng/ml



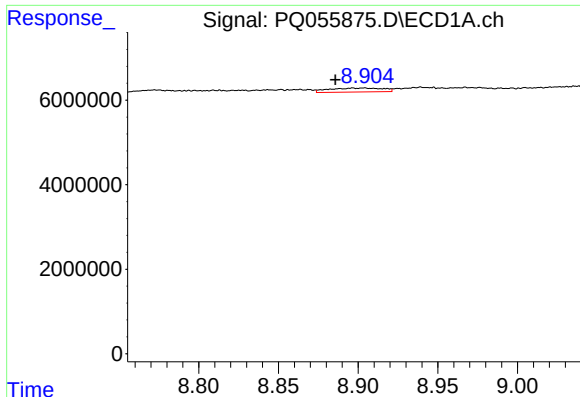
#32 AR-1260-2

R.T.: 8.527 min
Delta R.T.: 0.008 min
Response: 2685470
Conc: 4.56 ng/ml



#32 AR-1260-2

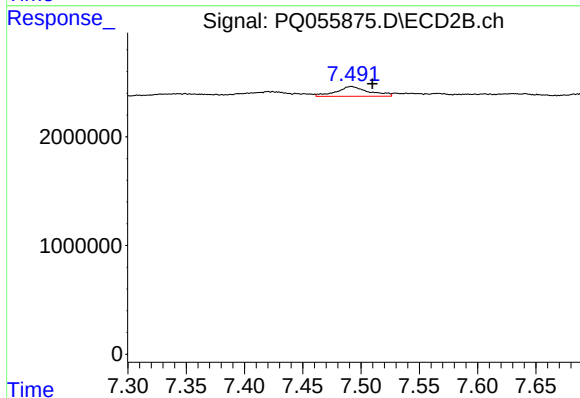
R.T.: 7.349 min
Delta R.T.: -0.003 min
Response: 887641
Conc: 1.34 ng/ml



#33 AR-1260-3

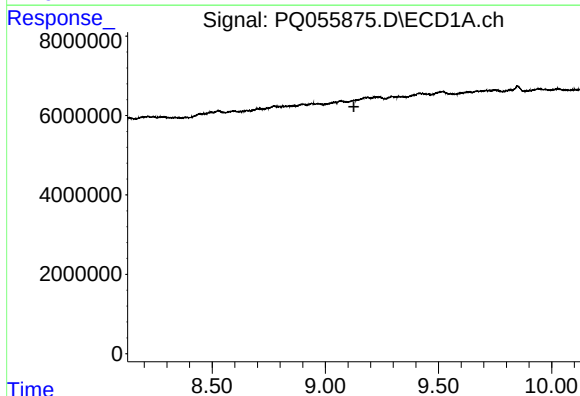
R.T.: 8.897 min
Delta R.T.: 0.011 min
Response: 2194035
Conc: 4.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



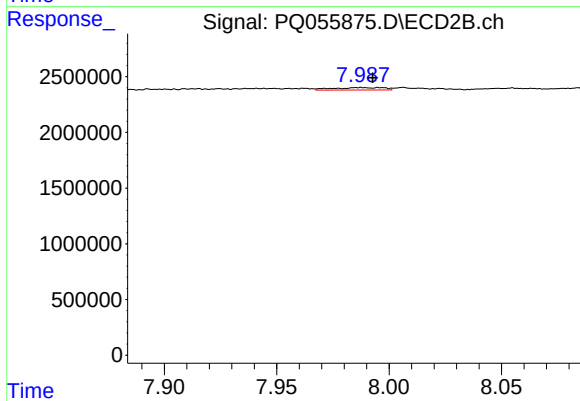
#33 AR-1260-3

R.T.: 7.492 min
Delta R.T.: -0.018 min
Response: 1764169
Conc: 2.87 ng/ml



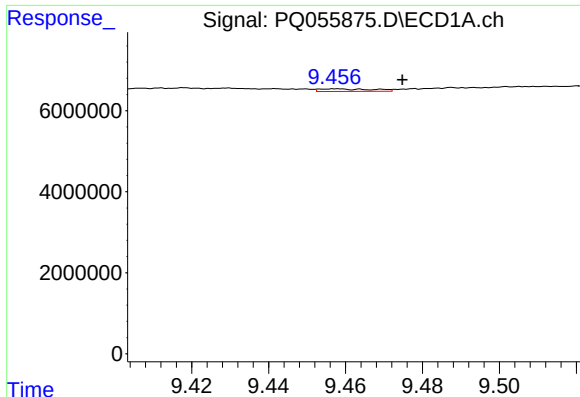
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 9.126 min
Response: 0
Conc: N.D.



#34 AR-1260-4

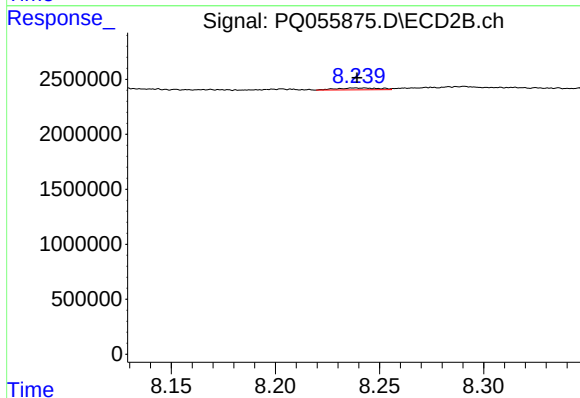
R.T.: 7.987 min
Delta R.T.: -0.005 min
Response: 344286
Conc: 0.68 ng/ml



#35 AR-1260-5

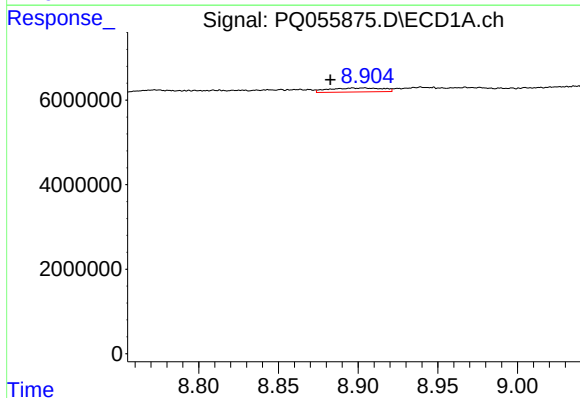
R.T.: 9.458 min
Delta R.T.: -0.017 min
Response: 620884
Conc: 0.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



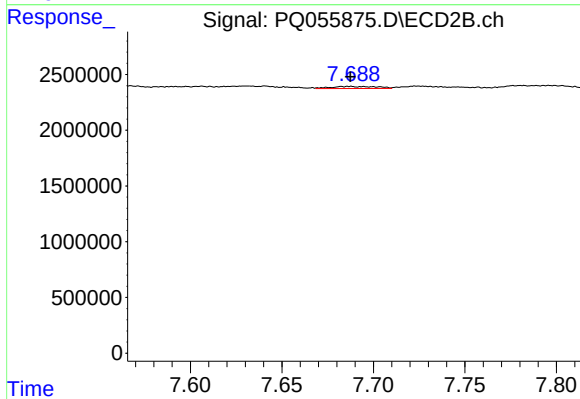
#35 AR-1260-5

R.T.: 8.243 min
Delta R.T.: 0.004 min
Response: 237125
Conc: 0.20 ng/ml



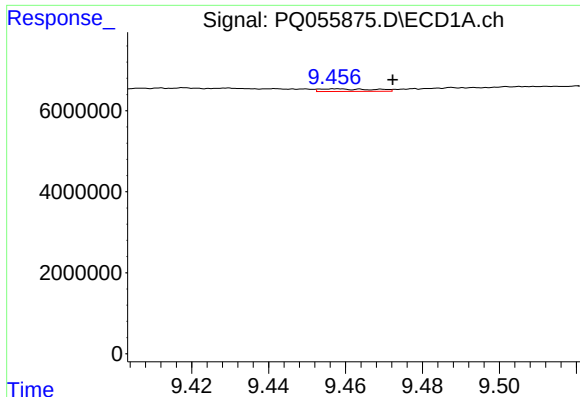
#36 AR-1262-1

R.T.: 8.897 min
Delta R.T.: 0.014 min
Response: 2194035
Conc: 3.06 ng/ml



#36 AR-1262-1

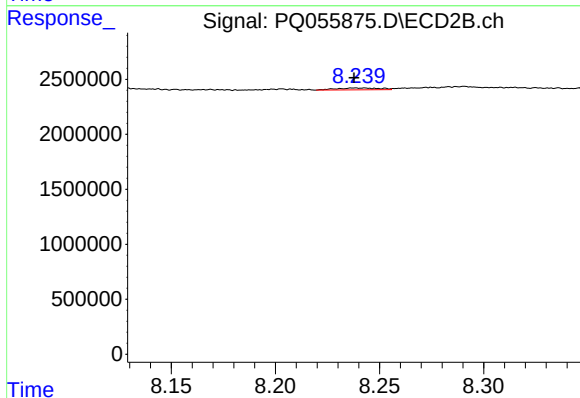
R.T.: 7.695 min
Delta R.T.: 0.007 min
Response: 328659
Conc: 0.90 ng/ml



#37 AR-1262-2

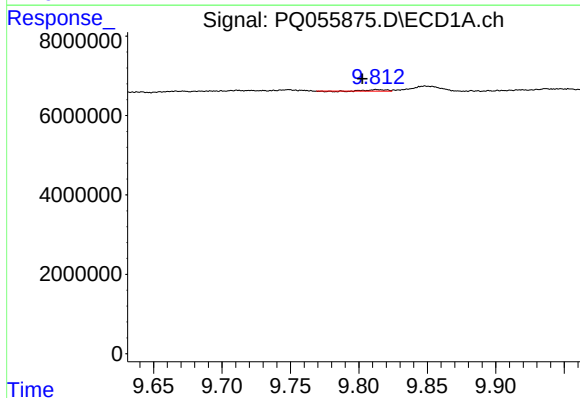
R.T.: 9.458 min
Delta R.T.: -0.015 min
Response: 620884
Conc: 0.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



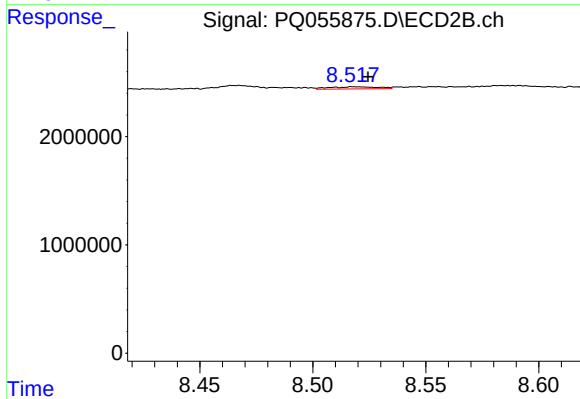
#37 AR-1262-2

R.T.: 8.243 min
Delta R.T.: 0.005 min
Response: 237125
Conc: 0.18 ng/ml



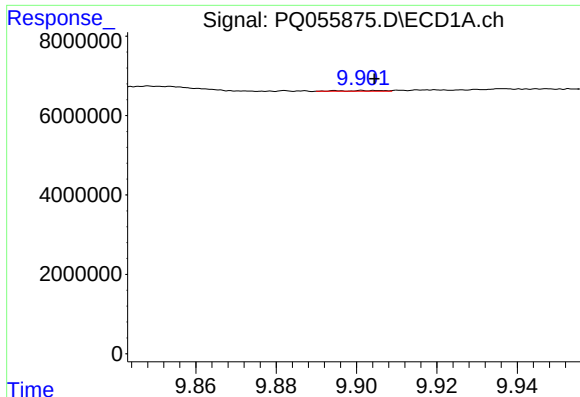
#38 AR-1262-3

R.T.: 9.813 min
Delta R.T.: 0.010 min
Response: 331164
Conc: 0.43 ng/ml



#38 AR-1262-3

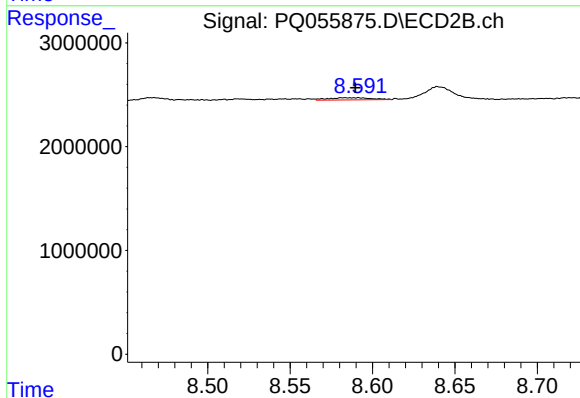
R.T.: 8.518 min
Delta R.T.: -0.006 min
Response: 293806
Conc: 0.59 ng/ml



#39 AR-1262-4

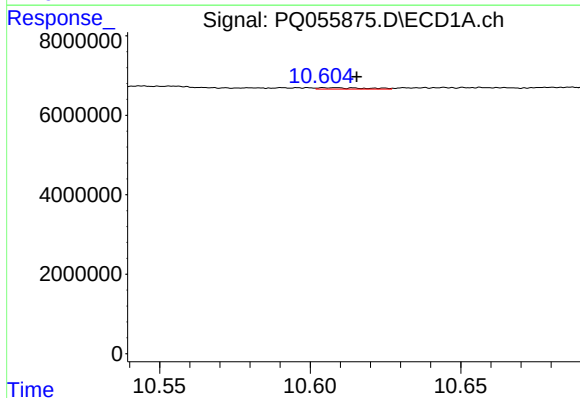
R.T.: 9.903 min
Delta R.T.: -0.002 min
Response: 118314
Conc: 0.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



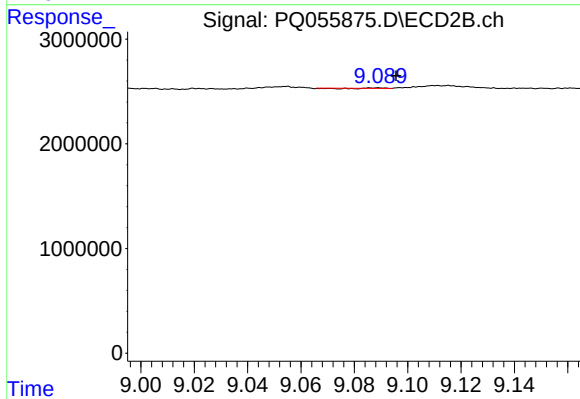
#39 AR-1262-4

R.T.: 8.586 min
Delta R.T.: -0.003 min
Response: 385499
Conc: 0.42 ng/ml



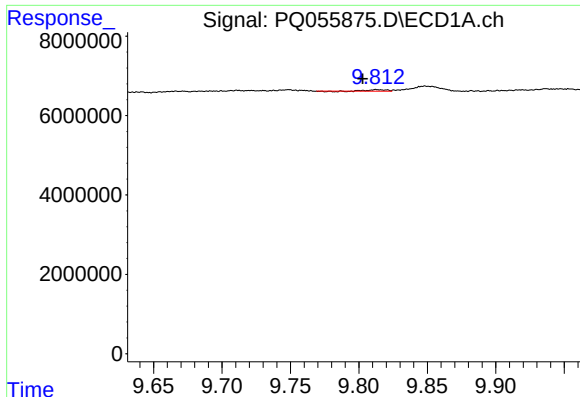
#40 AR-1262-5

R.T.: 10.608 min
Delta R.T.: -0.007 min
Response: 387879
Conc: 0.57 ng/ml



#40 AR-1262-5

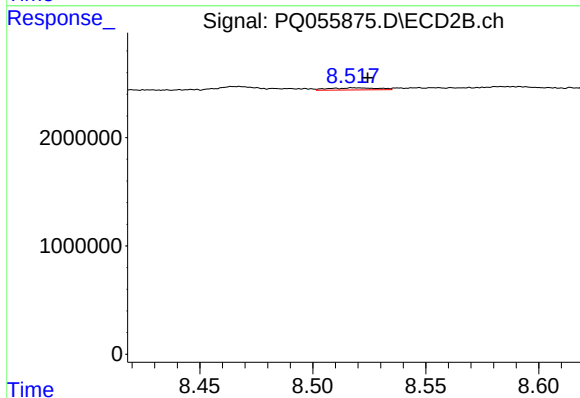
R.T.: 9.089 min
Delta R.T.: -0.007 min
Response: 1760
Conc: 0.00 ng/ml



#41 AR-1268-1

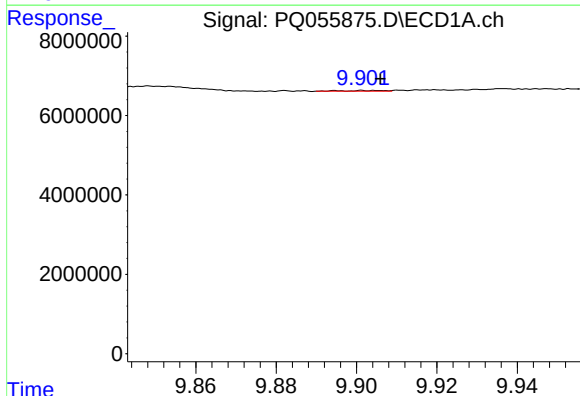
R.T.: 9.813 min
Delta R.T.: 0.010 min
Response: 331164
Conc: 0.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



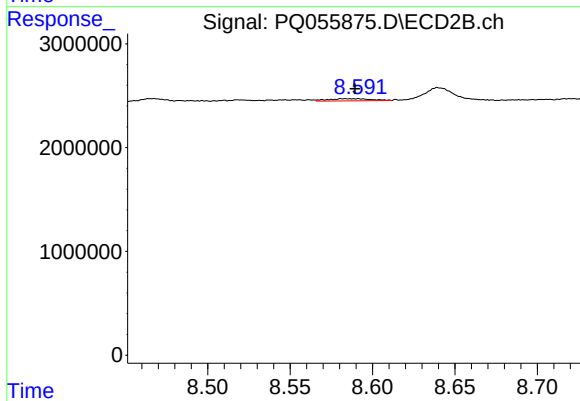
#41 AR-1268-1

R.T.: 8.518 min
Delta R.T.: -0.006 min
Response: 293806
Conc: 0.20 ng/ml



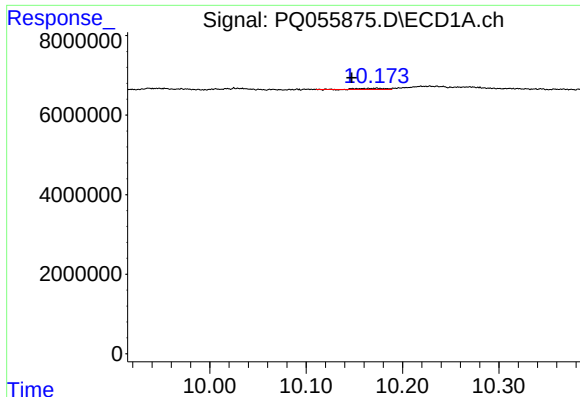
#42 AR-1268-2

R.T.: 9.903 min
Delta R.T.: -0.003 min
Response: 118314
Conc: 0.06 ng/ml



#42 AR-1268-2

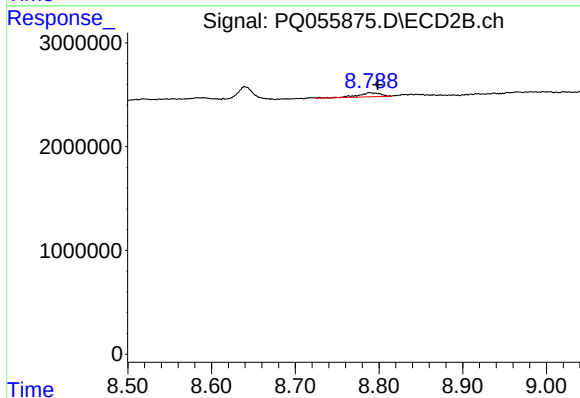
R.T.: 8.586 min
Delta R.T.: -0.003 min
Response: 385499
Conc: 0.29 ng/ml



#43 AR-1268-3

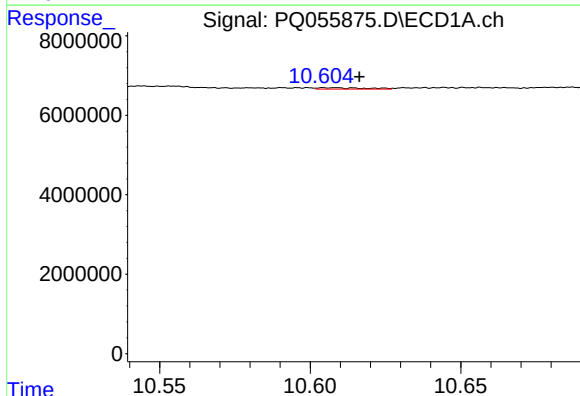
R.T.: 10.173 min
Delta R.T.: 0.026 min
Response: 573210
Conc: 0.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



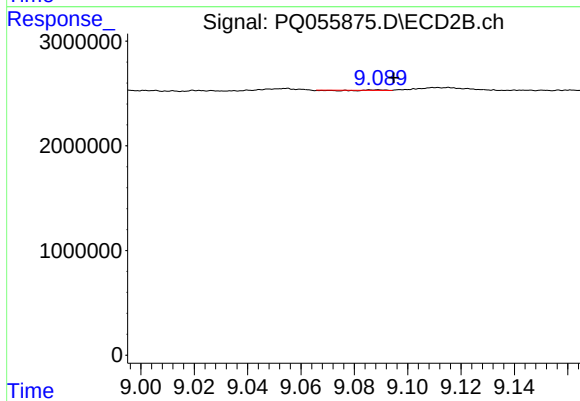
#43 AR-1268-3

R.T.: 8.789 min
Delta R.T.: -0.010 min
Response: 737095
Conc: 0.67 ng/ml



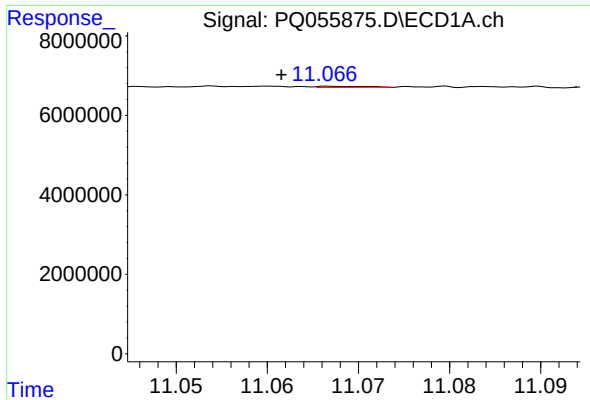
#44 AR-1268-4

R.T.: 10.608 min
Delta R.T.: -0.008 min
Response: 387879
Conc: 0.52 ng/ml



#44 AR-1268-4

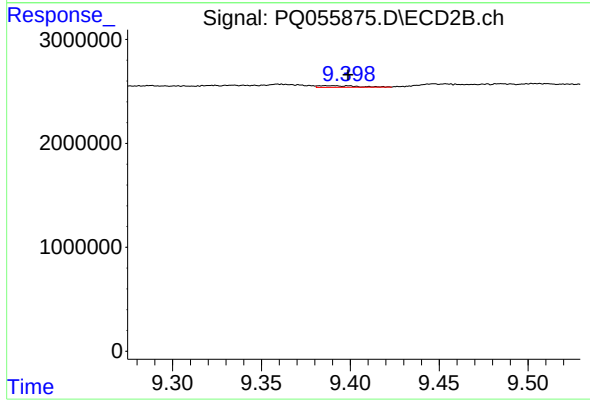
R.T.: 9.089 min
Delta R.T.: -0.006 min
Response: 1760
Conc: 0.00 ng/ml



#45 AR-1268-5

R.T.: 11.068 min
Delta R.T.: 0.006 min
Response: 95154
Conc: 0.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.385 min
Delta R.T.: -0.013 min
Response: 230860
Conc: 0.07 ng/ml