

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122821\
 Data File : PQ055418.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Dec 2021 13:58
 Operator : AJ\MA
 Sample : M5244-03 12X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 29 01:28:38 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 28 03:55:41 2021
 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...	5.242	4.315	21013864	13346656	1.867	1.491
2)	SA Decachlor...	11.431	9.702	26942333	11655294	1.897	1.509
Target Compounds							
3)	L1 AR-1016-1	6.588f	5.581	2200455	566940	6.603	1.621 #
4)	L1 AR-1016-2	6.588	5.603	2200455	1337523	3.951	2.708 #
5)	L1 AR-1016-3	6.653	5.798	1819493	1063018	5.011	4.138
6)	L1 AR-1016-4	6.771	5.845	746692	1721877	2.474	8.472 #
7)	L1 AR-1016-5	7.082	6.079	677344	367887	2.710	1.449 #
8)	L2 AR-1221-1	5.502	4.573	578168	95458	4.638	0.901 #
9)	L2 AR-1221-2	0.000	4.675	0	773178	N.D.	10.095 #
10)	L2 AR-1221-3	5.685	4.762	1870057	753173	6.362	2.932 #
11)	L3 AR-1232-1	5.685	4.762	1870057	753173	7.783	3.552 #
12)	L3 AR-1232-2	6.288f	5.603	3641104	1337523	30.024	6.727 #
13)	L3 AR-1232-3	6.588	5.798	2200455	1063018	9.459	10.332
14)	L3 AR-1232-4	6.762	5.898	669516	492736	5.318	5.491
15)	L3 AR-1232-5	6.858	6.079	706504	367887	11.038	3.864 #
16)	L4 AR-1242-1	6.588f	5.581	2200455	566940	8.617	2.161 #
17)	L4 AR-1242-2	6.588	5.603	2200455	1337523	5.305	3.632 #
18)	L4 AR-1242-3	6.653	5.798	1819493	1063018	6.706	5.505
19)	L4 AR-1242-4	6.762	5.898	669516	492736	2.958	2.645
20)	L4 AR-1242-5	7.549	6.460	545195	1115985	2.387	4.702 #
21)	L5 AR-1248-1	6.588f	5.581	2200455	566940	11.458	2.904 #
22)	L5 AR-1248-2	6.858	5.845	706504	1721877	2.772	6.409 #
23)	L5 AR-1248-3	7.082	5.898	677344	492736	2.108	1.762
24)	L5 AR-1248-4	7.510	6.079	229797	367887	0.622	1.113 #
25)	L5 AR-1248-5	7.549	6.505	545195	457669	1.408	1.391
26)	L6 AR-1254-1	7.475	6.460	919840	1115985	2.475	2.059
27)	L6 AR-1254-2	7.712	6.619	859871	701030	1.480	1.500
28)	L6 AR-1254-3	8.099	7.063f	2179812	2733214	3.095	3.593
29)	L6 AR-1254-4	8.387	7.286	1003640	226537	1.898	0.487 #
30)	L6 AR-1254-5	8.806	7.711	4580830	725918	8.057	1.127 #
31)	L7 AR-1260-1	8.253	7.182	2004307	867736	4.605	1.825 #
32)	L7 AR-1260-2	8.530	7.377	2360294	513417	4.371	0.904 #
33)	L7 AR-1260-3	8.906f	7.522f	585131	273454	1.471	0.483 #
34)	L7 AR-1260-4	9.139	0.000	315958	0	0.643	N.D. #
35)	L7 AR-1260-5	9.476	8.263	846167	1173249	0.736	1.153 #
36)	L8 AR-1262-1	8.906	7.711	585131	725918	1.065	2.394 #
37)	L8 AR-1262-2	9.476	8.263	846167	1173249	0.704	1.073 #
39)	L8 AR-1262-4	9.904	8.619	524064	1319037	1.143	1.698 #
40)	L8 AR-1262-5	10.649f	9.153f	2386002	909262	4.153	2.613 #
42)	L9 AR-1268-2	9.904	8.619	524064	1319037	0.261	1.082 #
44)	L9 AR-1268-4	10.601f	9.153f	1507874	909262	1.991	2.174

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 Operator : AJ\MA
 Sample : M5244-03 12X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

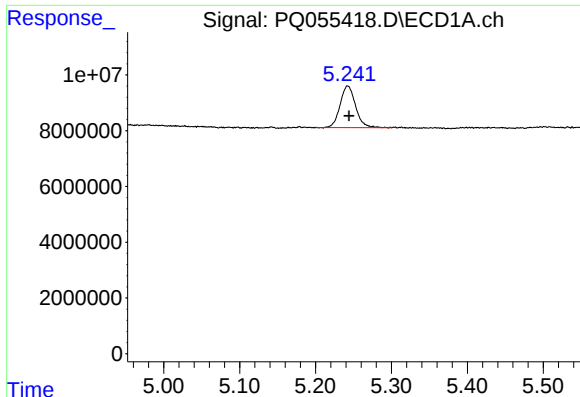
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 29 01:28:38 2021
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 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
45) L9	AR-1268-5	11.087f	0.000	1202138	0	0.203	N.D. #

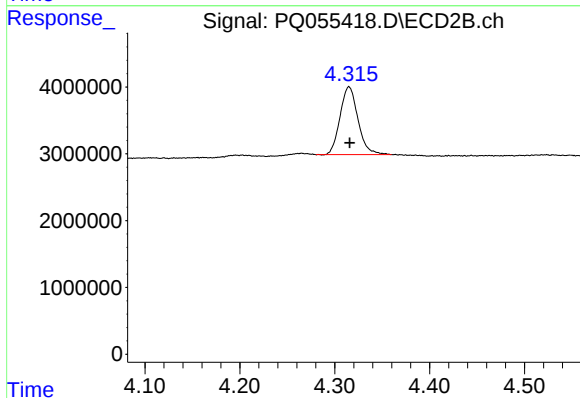
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

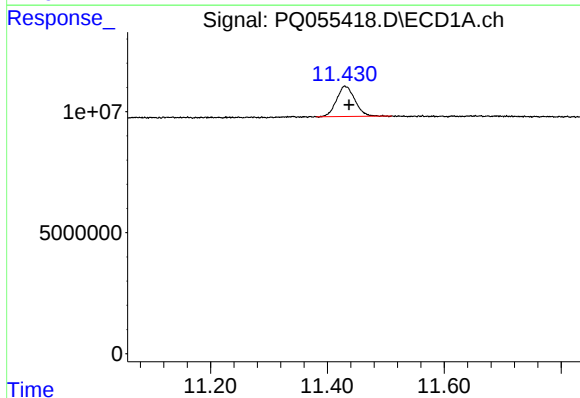
R.T.: 5.242 min
Delta R.T.: -0.002 min
Response: 21013864
Conc: 1.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



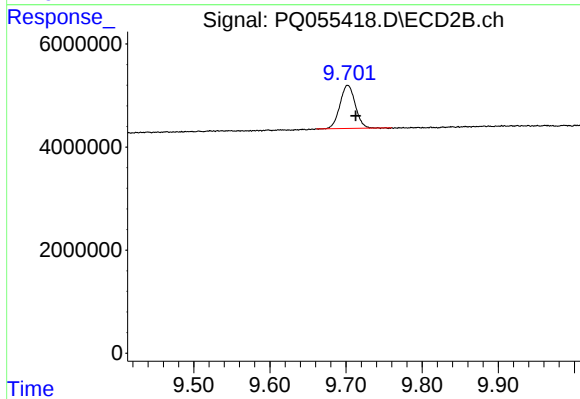
#1 Tetrachloro-m-xylene

R.T.: 4.315 min
Delta R.T.: 0.000 min
Response: 13346656
Conc: 1.49 ng/ml



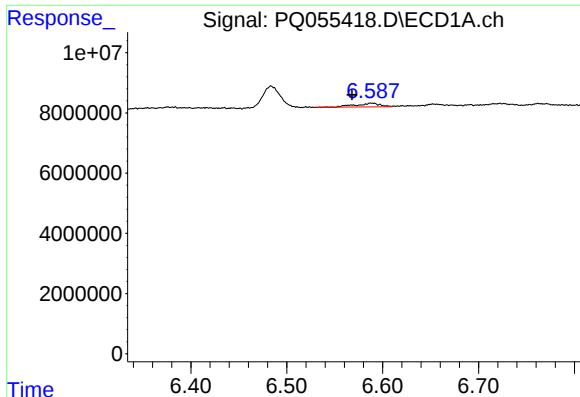
#2 Decachlorobiphenyl

R.T.: 11.431 min
Delta R.T.: -0.007 min
Response: 26942333
Conc: 1.90 ng/ml



#2 Decachlorobiphenyl

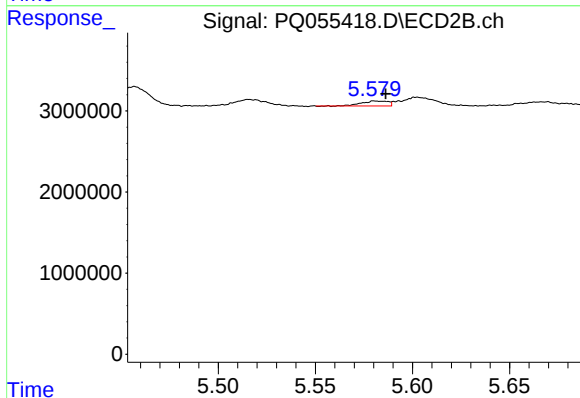
R.T.: 9.702 min
Delta R.T.: -0.010 min
Response: 11655294
Conc: 1.51 ng/ml



#3 AR-1016-1

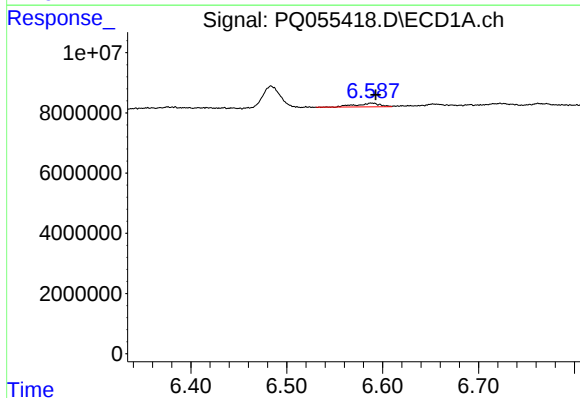
R.T.: 6.588 min
Delta R.T.: 0.020 min
Response: 2200455
Conc: 6.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



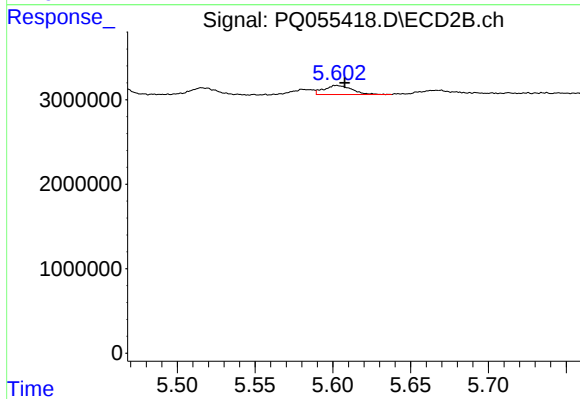
#3 AR-1016-1

R.T.: 5.581 min
Delta R.T.: -0.005 min
Response: 566940
Conc: 1.62 ng/ml



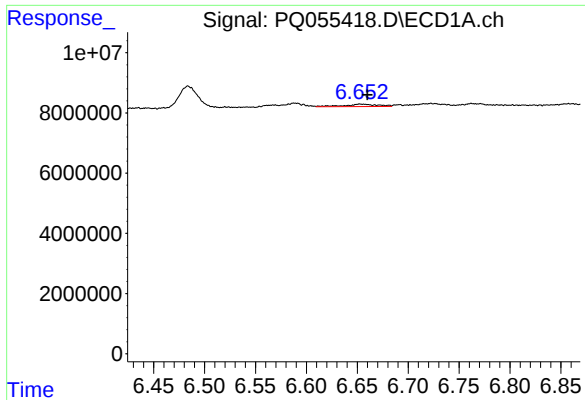
#4 AR-1016-2

R.T.: 6.588 min
Delta R.T.: -0.005 min
Response: 2200455
Conc: 3.95 ng/ml



#4 AR-1016-2

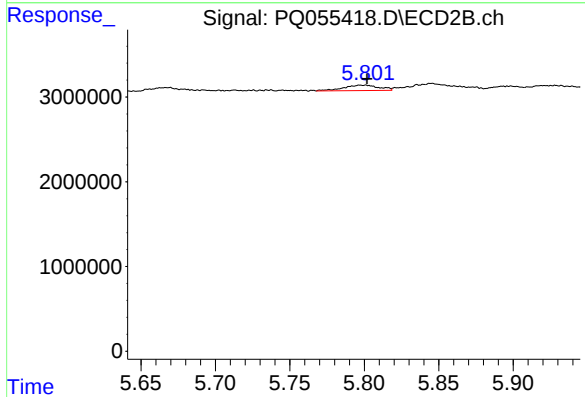
R.T.: 5.603 min
Delta R.T.: -0.005 min
Response: 1337523
Conc: 2.71 ng/ml



#5 AR-1016-3

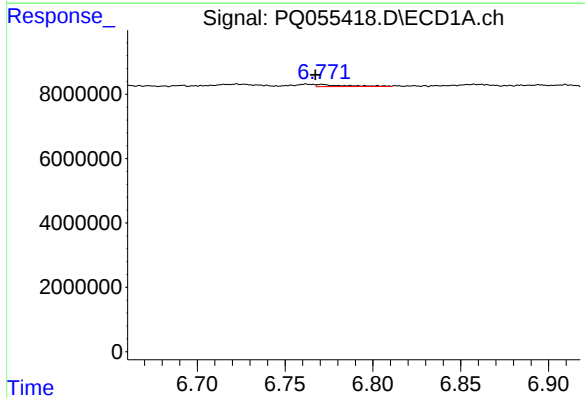
R.T.: 6.653 min
Delta R.T.: -0.007 min
Response: 1819493
Conc: 5.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



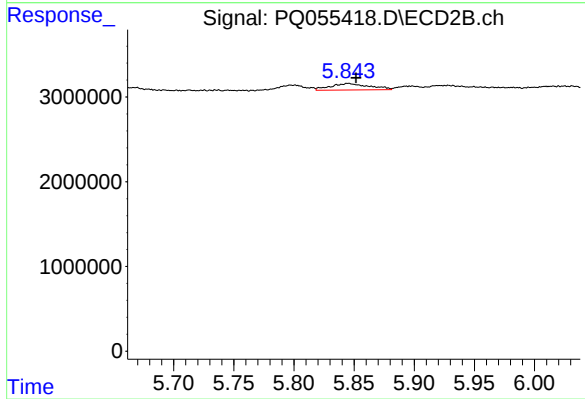
#5 AR-1016-3

R.T.: 5.798 min
Delta R.T.: -0.004 min
Response: 1063018
Conc: 4.14 ng/ml



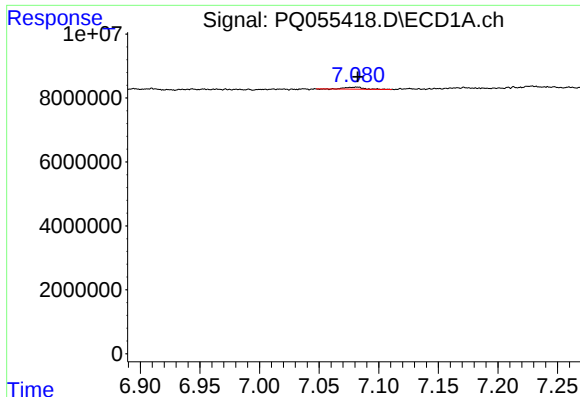
#6 AR-1016-4

R.T.: 6.771 min
Delta R.T.: 0.004 min
Response: 746692
Conc: 2.47 ng/ml



#6 AR-1016-4

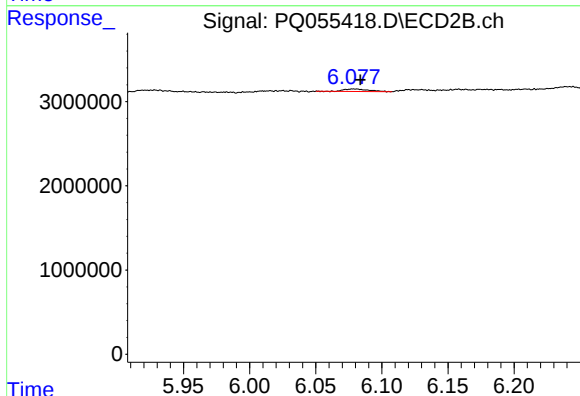
R.T.: 5.845 min
Delta R.T.: -0.006 min
Response: 1721877
Conc: 8.47 ng/ml



#7 AR-1016-5

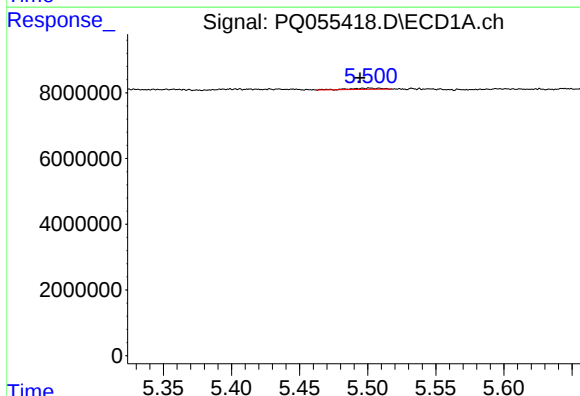
R.T.: 7.082 min
Delta R.T.: 0.000 min
Response: 677344
Conc: 2.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



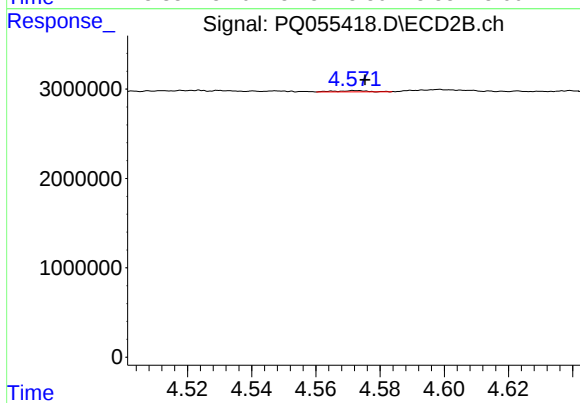
#7 AR-1016-5

R.T.: 6.079 min
Delta R.T.: -0.005 min
Response: 367887
Conc: 1.45 ng/ml



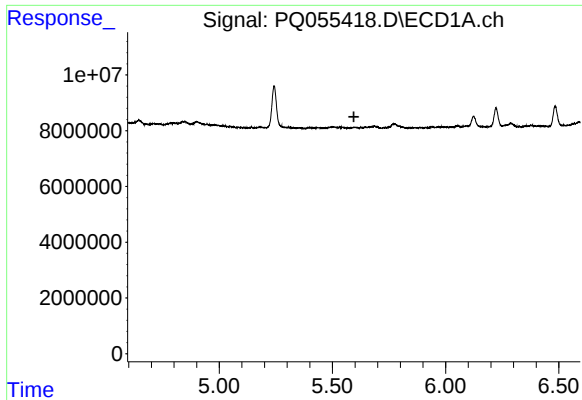
#8 AR-1221-1

R.T.: 5.502 min
Delta R.T.: 0.007 min
Response: 578168
Conc: 4.64 ng/ml



#8 AR-1221-1

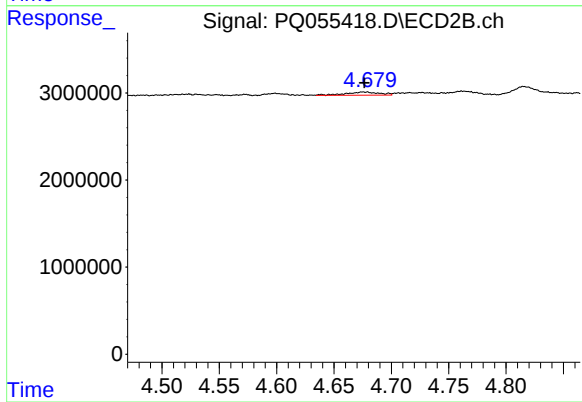
R.T.: 4.573 min
Delta R.T.: -0.003 min
Response: 95458
Conc: 0.90 ng/ml



#9 AR-1221-2

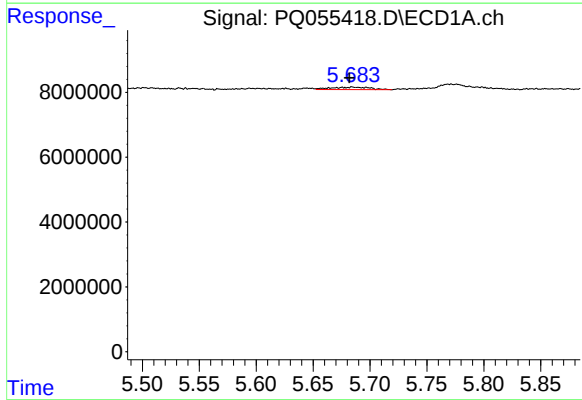
R.T.: 0.000 min
Exp R.T.: 5.595 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



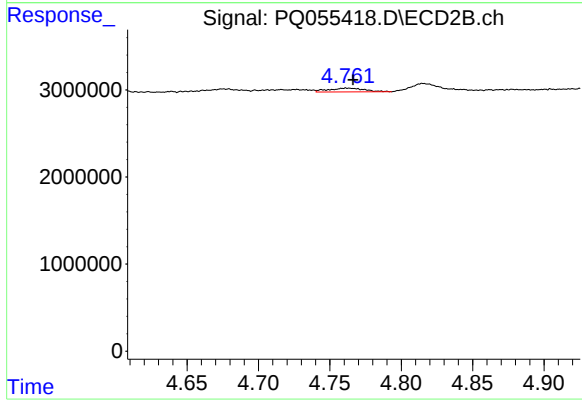
#9 AR-1221-2

R.T.: 4.675 min
Delta R.T.: -0.001 min
Response: 773178
Conc: 10.10 ng/ml



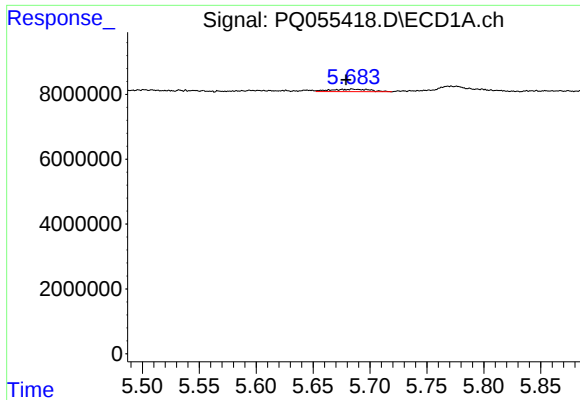
#10 AR-1221-3

R.T.: 5.685 min
Delta R.T.: 0.003 min
Response: 1870057
Conc: 6.36 ng/ml



#10 AR-1221-3

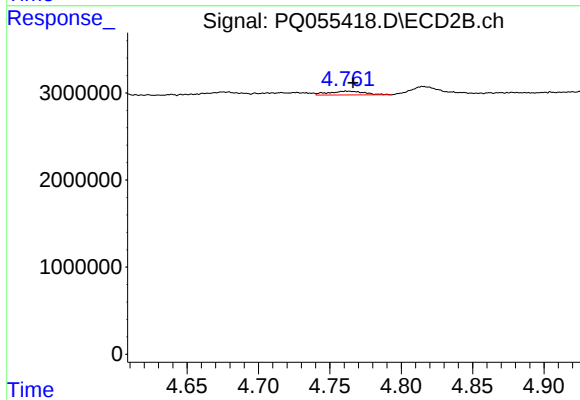
R.T.: 4.762 min
Delta R.T.: -0.004 min
Response: 753173
Conc: 2.93 ng/ml



#11 AR-1232-1

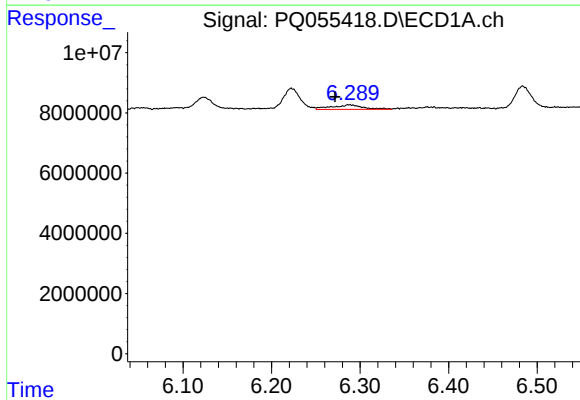
R.T.: 5.685 min
Delta R.T.: 0.006 min
Response: 1870057
Conc: 7.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



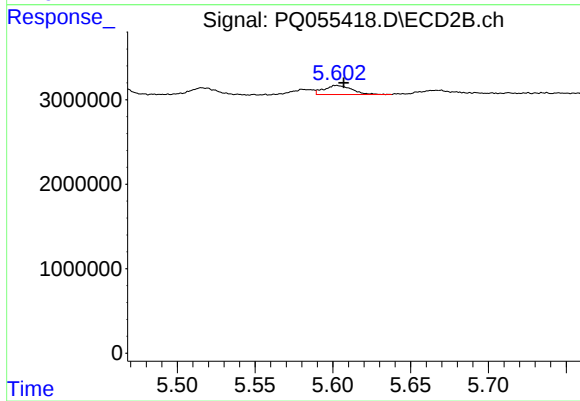
#11 AR-1232-1

R.T.: 4.762 min
Delta R.T.: -0.004 min
Response: 753173
Conc: 3.55 ng/ml



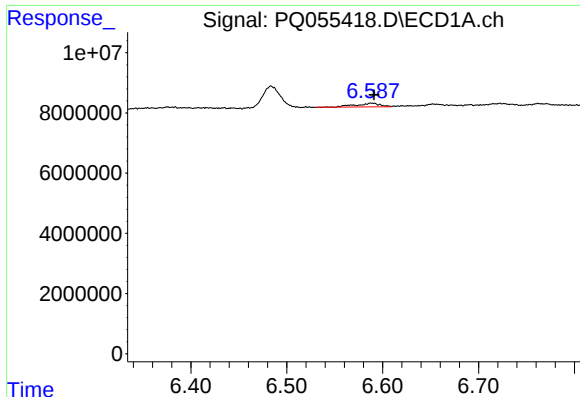
#12 AR-1232-2

R.T.: 6.288 min
Delta R.T.: 0.016 min
Response: 3641104
Conc: 30.02 ng/ml



#12 AR-1232-2

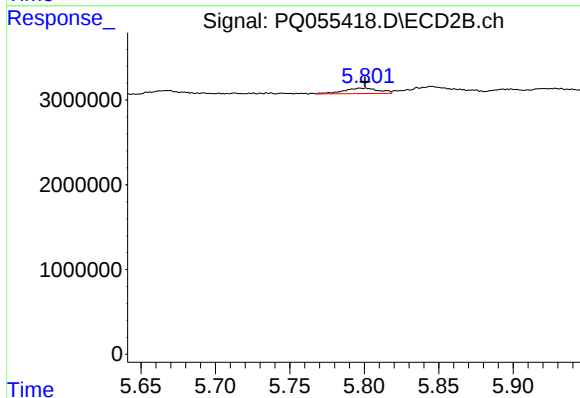
R.T.: 5.603 min
Delta R.T.: -0.004 min
Response: 1337523
Conc: 6.73 ng/ml



#13 AR-1232-3

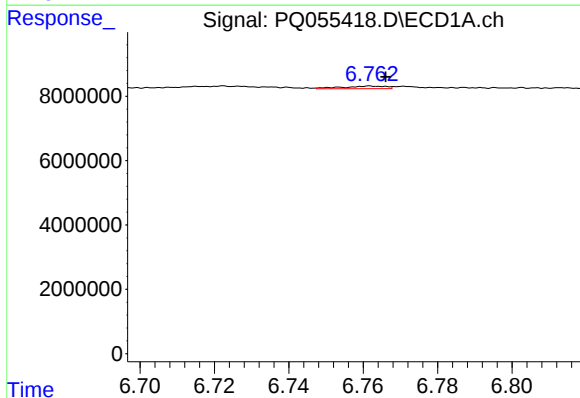
R.T.: 6.588 min
Delta R.T.: -0.003 min
Response: 2200455
Conc: 9.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



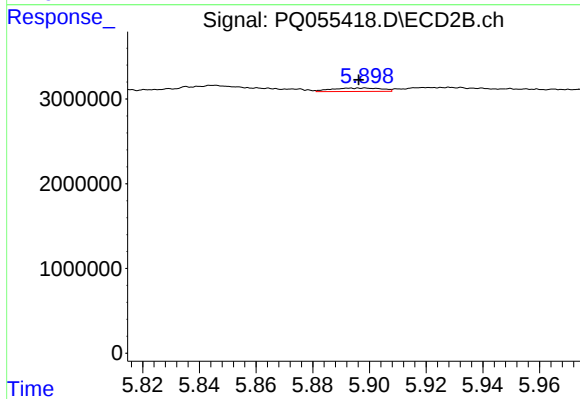
#13 AR-1232-3

R.T.: 5.798 min
Delta R.T.: -0.002 min
Response: 1063018
Conc: 10.33 ng/ml



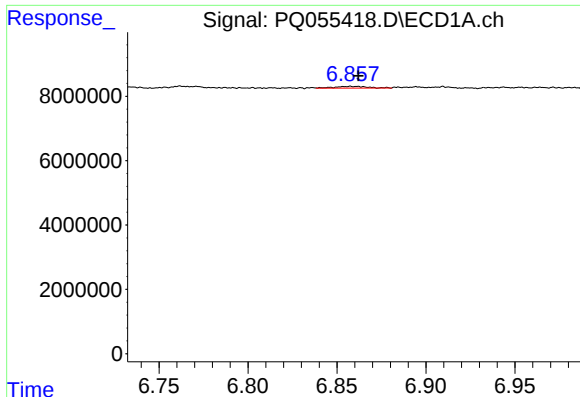
#14 AR-1232-4

R.T.: 6.762 min
Delta R.T.: -0.004 min
Response: 669516
Conc: 5.32 ng/ml



#14 AR-1232-4

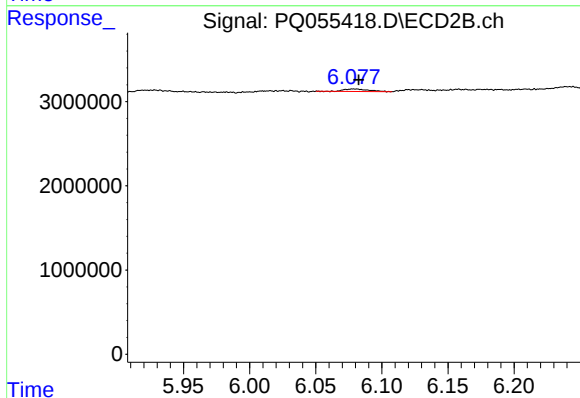
R.T.: 5.898 min
Delta R.T.: 0.002 min
Response: 492736
Conc: 5.49 ng/ml



#15 AR-1232-5

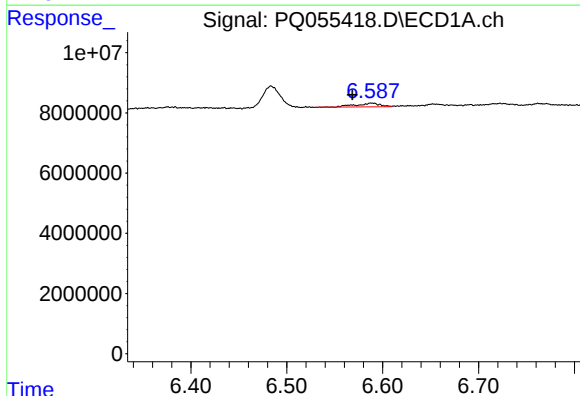
R.T.: 6.858 min
Delta R.T.: -0.005 min
Response: 706504
Conc: 11.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



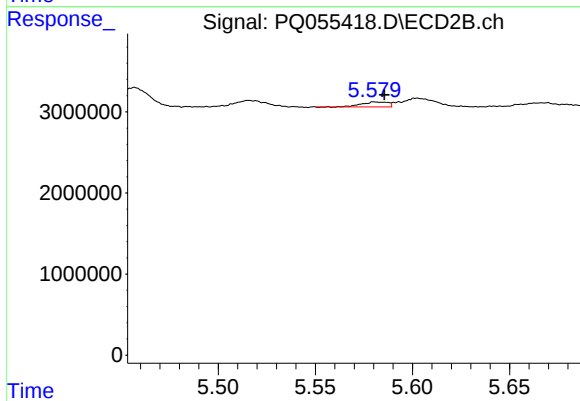
#15 AR-1232-5

R.T.: 6.079 min
Delta R.T.: -0.003 min
Response: 367887
Conc: 3.86 ng/ml



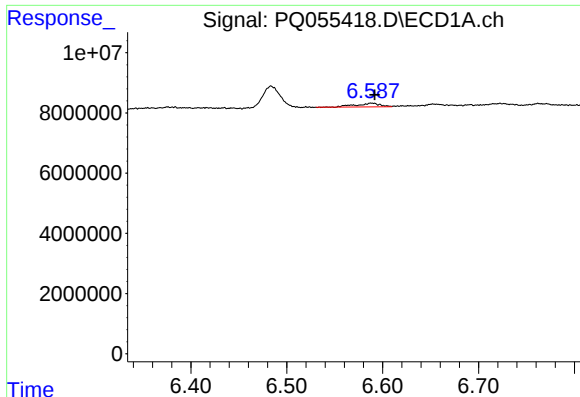
#16 AR-1242-1

R.T.: 6.588 min
Delta R.T.: 0.020 min
Response: 2200455
Conc: 8.62 ng/ml



#16 AR-1242-1

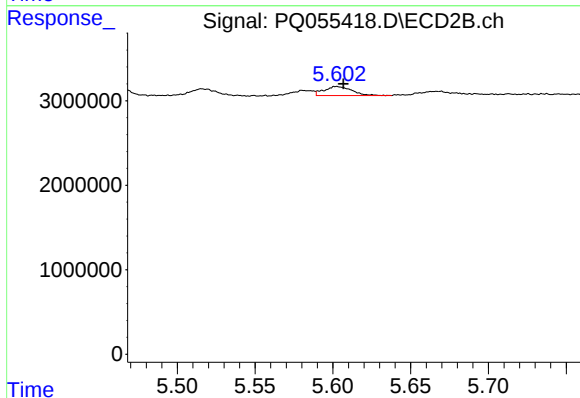
R.T.: 5.581 min
Delta R.T.: -0.004 min
Response: 566940
Conc: 2.16 ng/ml



#17 AR-1242-2

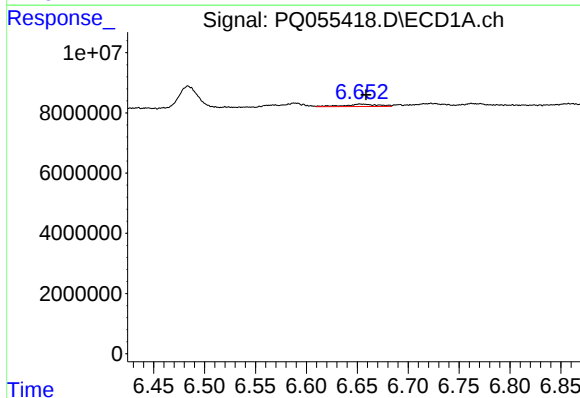
R.T.: 6.588 min
Delta R.T.: -0.004 min
Response: 2200455
Conc: 5.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



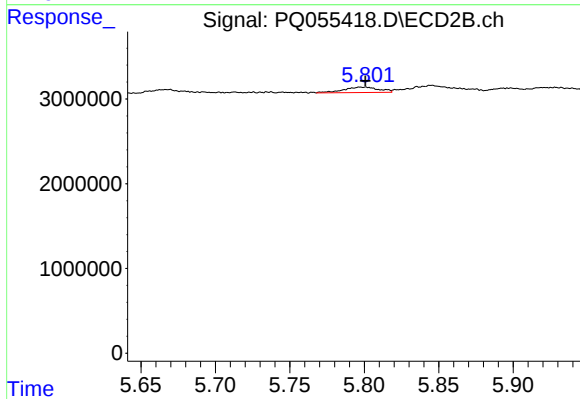
#17 AR-1242-2

R.T.: 5.603 min
Delta R.T.: -0.004 min
Response: 1337523
Conc: 3.63 ng/ml



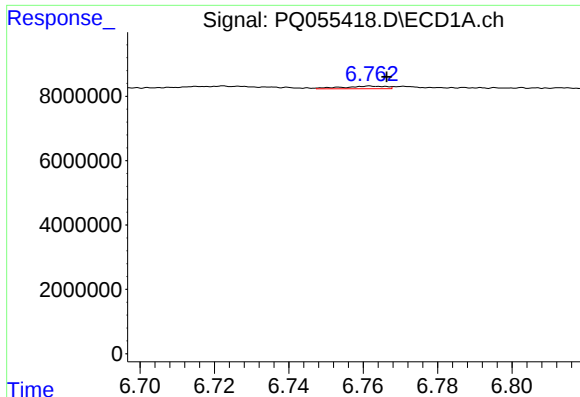
#18 AR-1242-3

R.T.: 6.653 min
Delta R.T.: -0.005 min
Response: 1819493
Conc: 6.71 ng/ml



#18 AR-1242-3

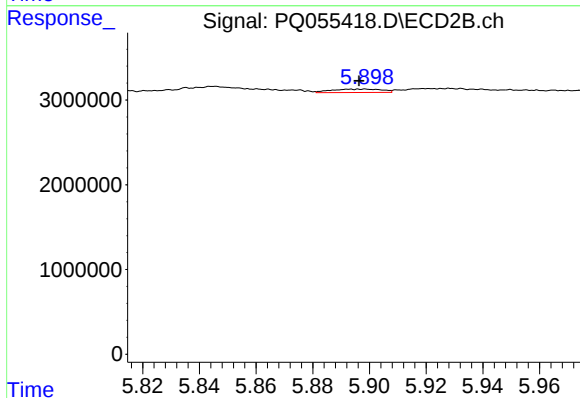
R.T.: 5.798 min
Delta R.T.: -0.003 min
Response: 1063018
Conc: 5.50 ng/ml



#19 AR-1242-4

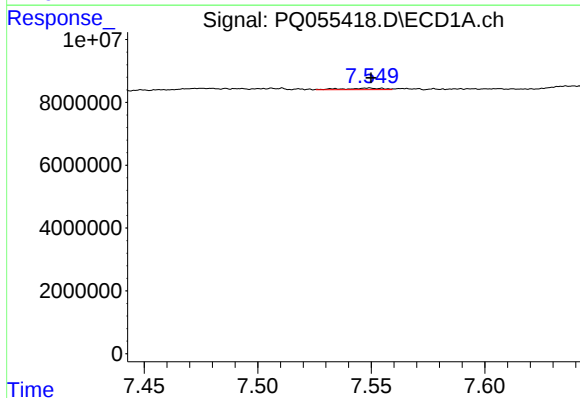
R.T.: 6.762 min
Delta R.T.: -0.004 min
Response: 669516
Conc: 2.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



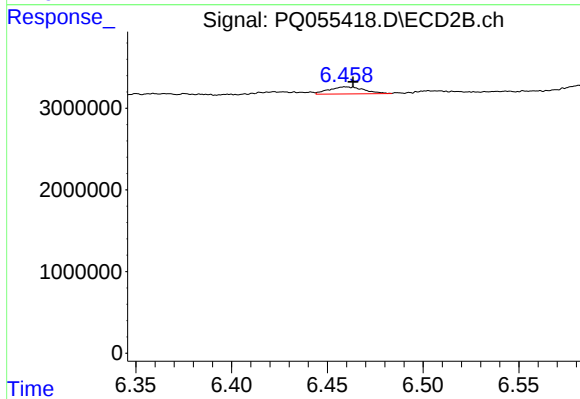
#19 AR-1242-4

R.T.: 5.898 min
Delta R.T.: 0.002 min
Response: 492736
Conc: 2.64 ng/ml



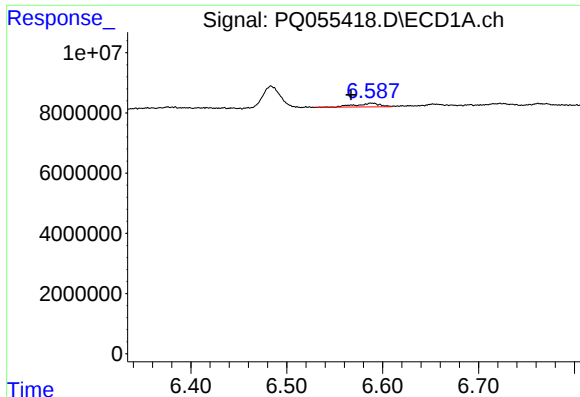
#20 AR-1242-5

R.T.: 7.549 min
Delta R.T.: -0.001 min
Response: 545195
Conc: 2.39 ng/ml



#20 AR-1242-5

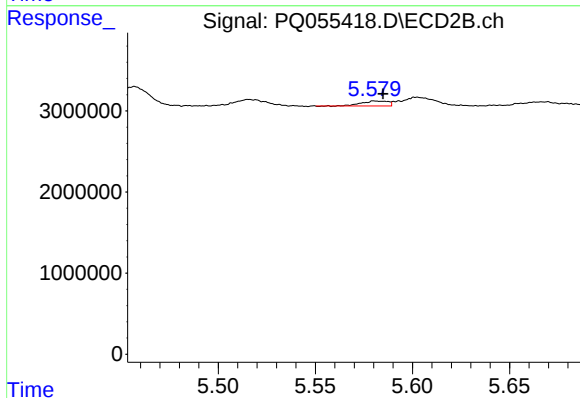
R.T.: 6.460 min
Delta R.T.: -0.003 min
Response: 1115985
Conc: 4.70 ng/ml



#21 AR-1248-1

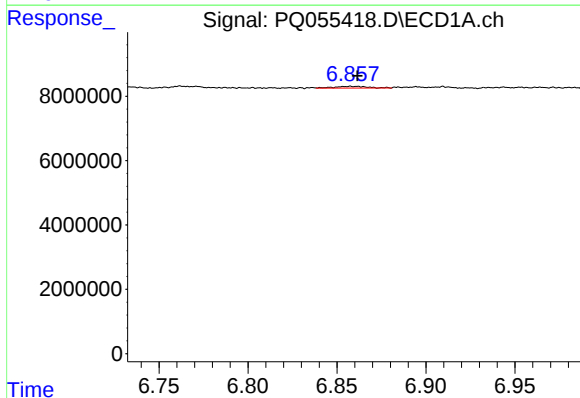
R.T.: 6.588 min
Delta R.T.: 0.021 min
Response: 2200455
Conc: 11.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



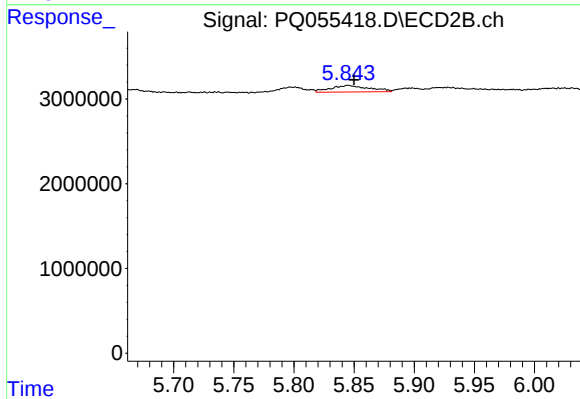
#21 AR-1248-1

R.T.: 5.581 min
Delta R.T.: -0.004 min
Response: 566940
Conc: 2.90 ng/ml



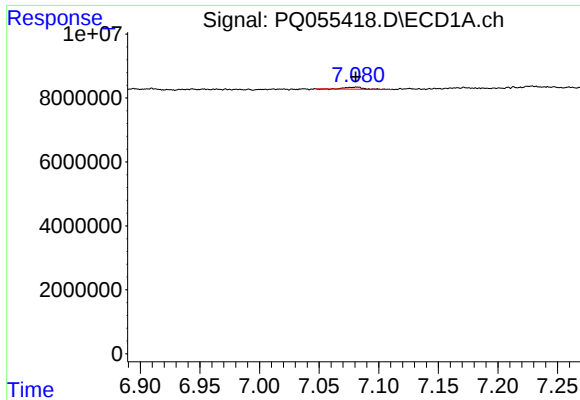
#22 AR-1248-2

R.T.: 6.858 min
Delta R.T.: -0.004 min
Response: 706504
Conc: 2.77 ng/ml



#22 AR-1248-2

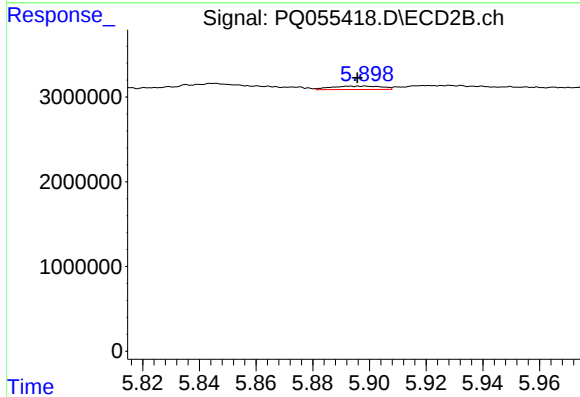
R.T.: 5.845 min
Delta R.T.: -0.005 min
Response: 1721877
Conc: 6.41 ng/ml



#23 AR-1248-3

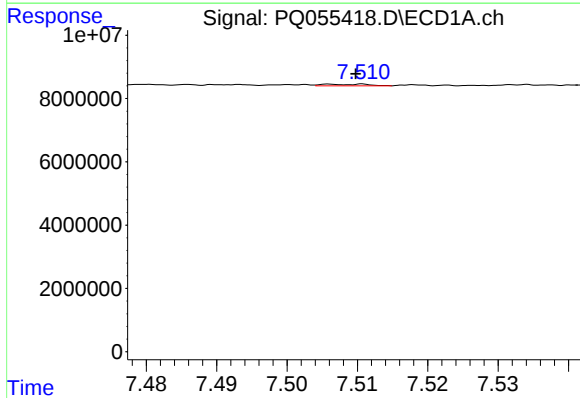
R.T.: 7.082 min
Delta R.T.: 0.000 min
Response: 677344
Conc: 2.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



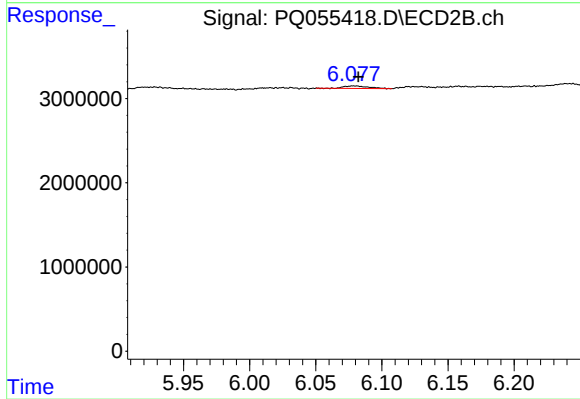
#23 AR-1248-3

R.T.: 5.898 min
Delta R.T.: 0.002 min
Response: 492736
Conc: 1.76 ng/ml



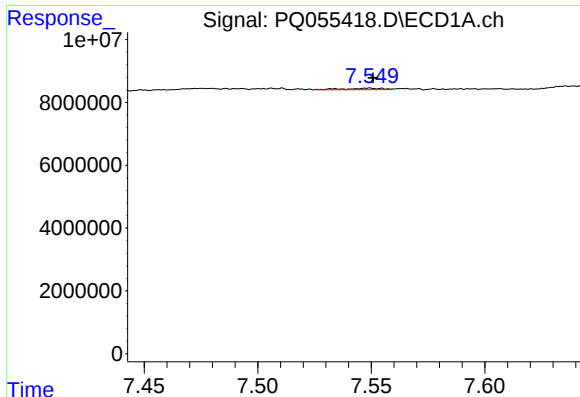
#24 AR-1248-4

R.T.: 7.510 min
Delta R.T.: 0.000 min
Response: 229797
Conc: 0.62 ng/ml



#24 AR-1248-4

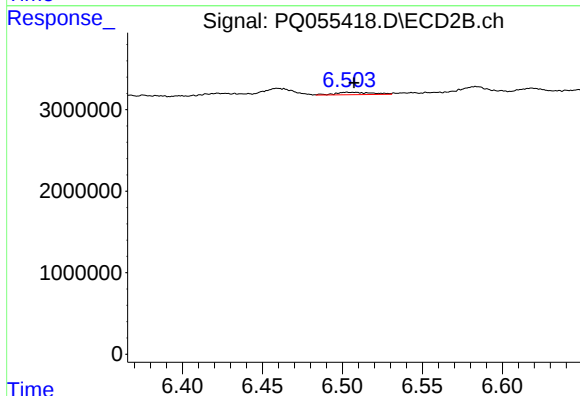
R.T.: 6.079 min
Delta R.T.: -0.003 min
Response: 367887
Conc: 1.11 ng/ml



#25 AR-1248-5

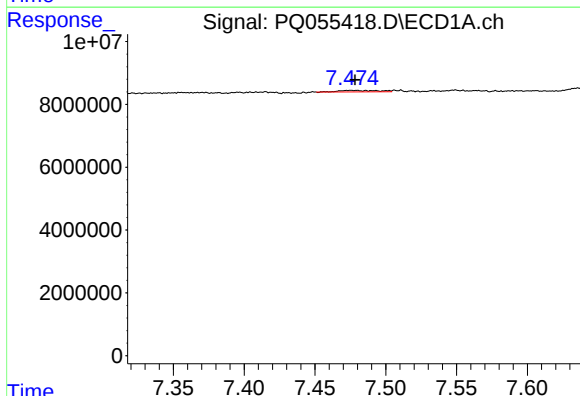
R.T.: 7.549 min
Delta R.T.: -0.002 min
Response: 545195
Conc: 1.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



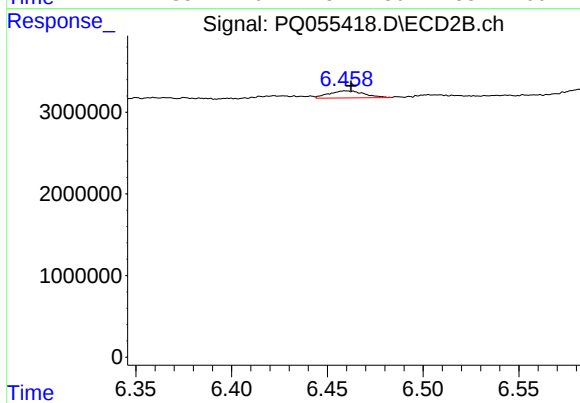
#25 AR-1248-5

R.T.: 6.505 min
Delta R.T.: -0.002 min
Response: 457669
Conc: 1.39 ng/ml



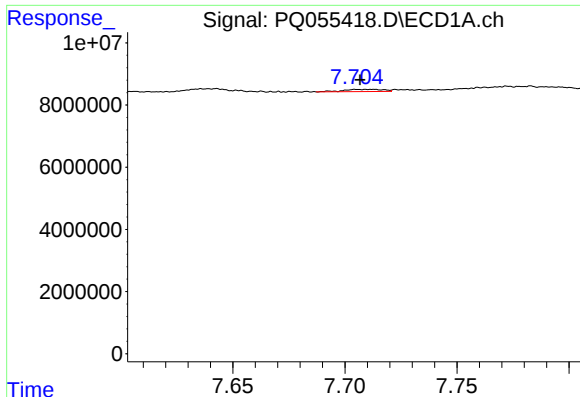
#26 AR-1254-1

R.T.: 7.475 min
Delta R.T.: -0.003 min
Response: 919840
Conc: 2.48 ng/ml



#26 AR-1254-1

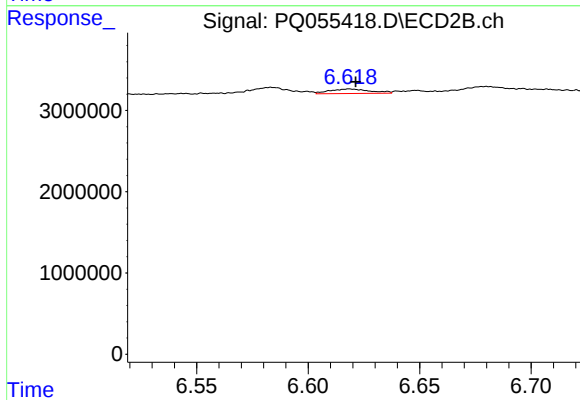
R.T.: 6.460 min
Delta R.T.: -0.002 min
Response: 1115985
Conc: 2.06 ng/ml



#27 AR-1254-2

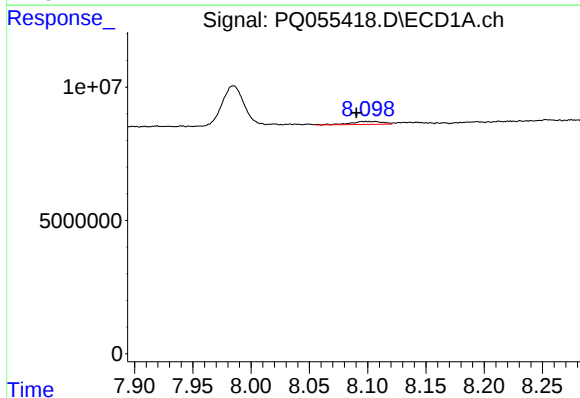
R.T.: 7.712 min
Delta R.T.: 0.005 min
Response: 859871
Conc: 1.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



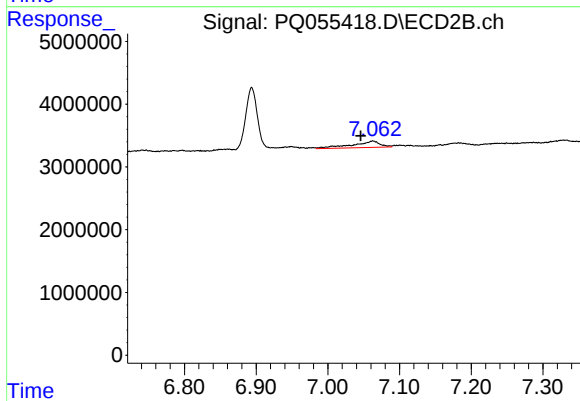
#27 AR-1254-2

R.T.: 6.619 min
Delta R.T.: -0.003 min
Response: 701030
Conc: 1.50 ng/ml



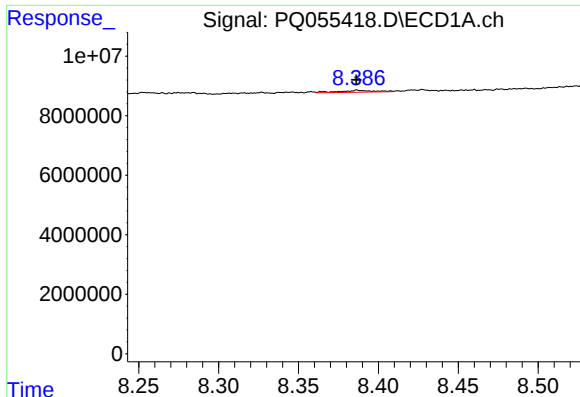
#28 AR-1254-3

R.T.: 8.099 min
Delta R.T.: 0.008 min
Response: 2179812
Conc: 3.09 ng/ml



#28 AR-1254-3

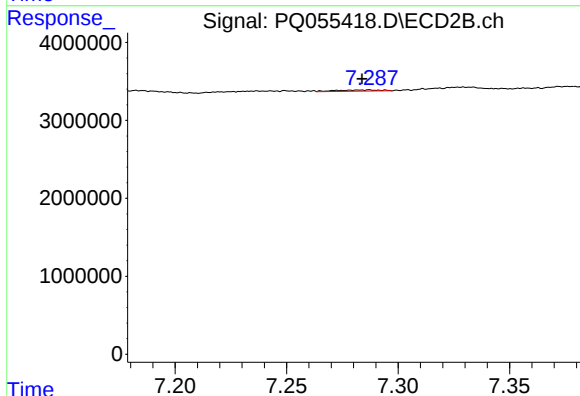
R.T.: 7.063 min
Delta R.T.: 0.017 min
Response: 2733214
Conc: 3.59 ng/ml



#29 AR-1254-4

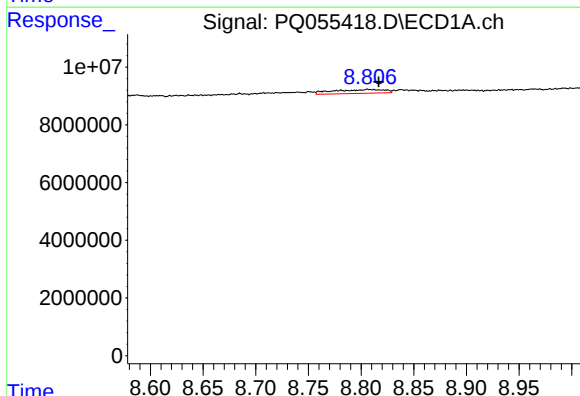
R.T.: 8.387 min
Delta R.T.: 0.000 min
Response: 1003640
Conc: 1.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



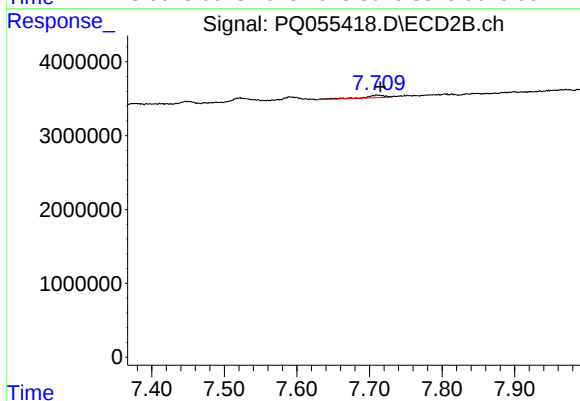
#29 AR-1254-4

R.T.: 7.286 min
Delta R.T.: 0.002 min
Response: 226537
Conc: 0.49 ng/ml



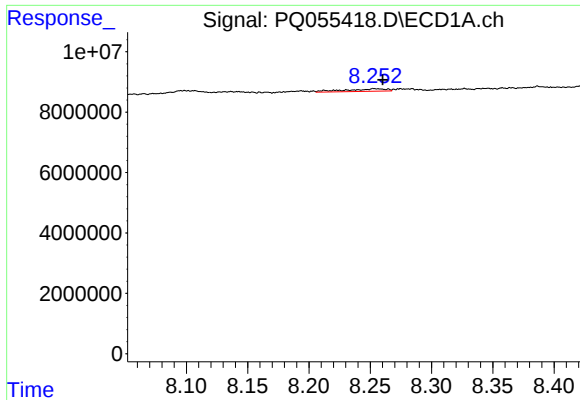
#30 AR-1254-5

R.T.: 8.806 min
Delta R.T.: -0.010 min
Response: 4580830
Conc: 8.06 ng/ml



#30 AR-1254-5

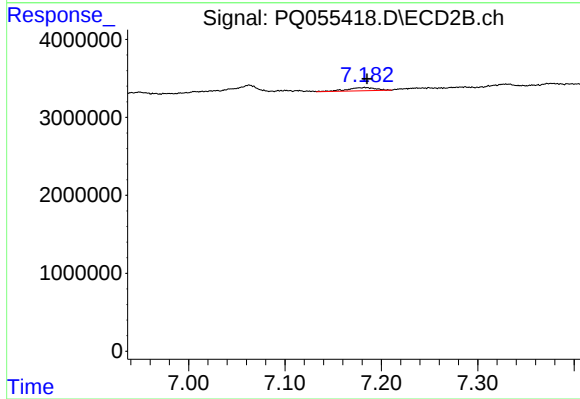
R.T.: 7.711 min
Delta R.T.: -0.004 min
Response: 725918
Conc: 1.13 ng/ml



#31 AR-1260-1

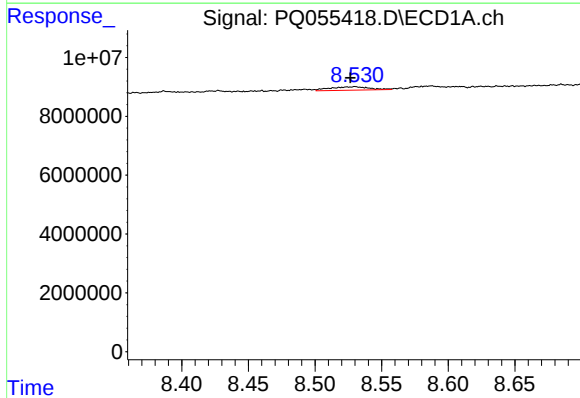
R.T.: 8.253 min
Delta R.T.: -0.007 min
Response: 2004307
Conc: 4.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



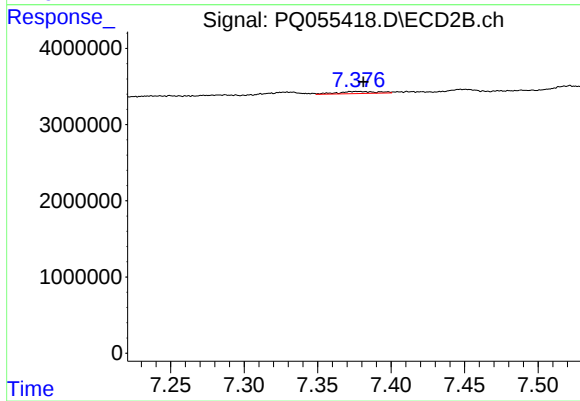
#31 AR-1260-1

R.T.: 7.182 min
Delta R.T.: -0.003 min
Response: 867736
Conc: 1.83 ng/ml



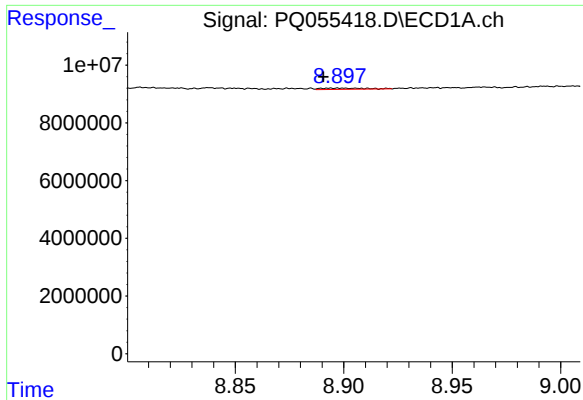
#32 AR-1260-2

R.T.: 8.530 min
Delta R.T.: 0.003 min
Response: 2360294
Conc: 4.37 ng/ml



#32 AR-1260-2

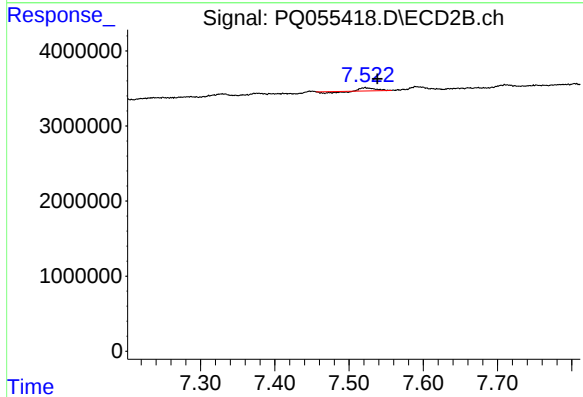
R.T.: 7.377 min
Delta R.T.: -0.004 min
Response: 513417
Conc: 0.90 ng/ml



#33 AR-1260-3

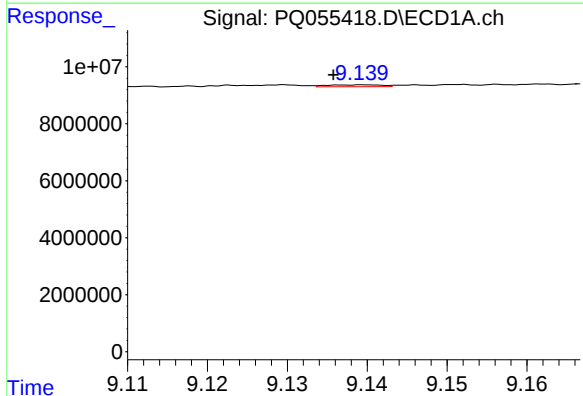
R.T.: 8.906 min
Delta R.T.: 0.015 min
Response: 585131
Conc: 1.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



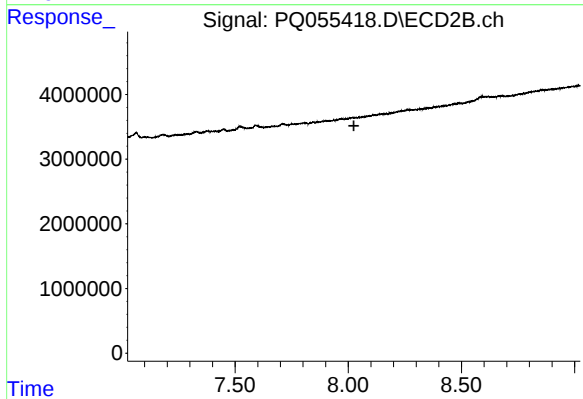
#33 AR-1260-3

R.T.: 7.522 min
Delta R.T.: -0.016 min
Response: 273454
Conc: 0.48 ng/ml



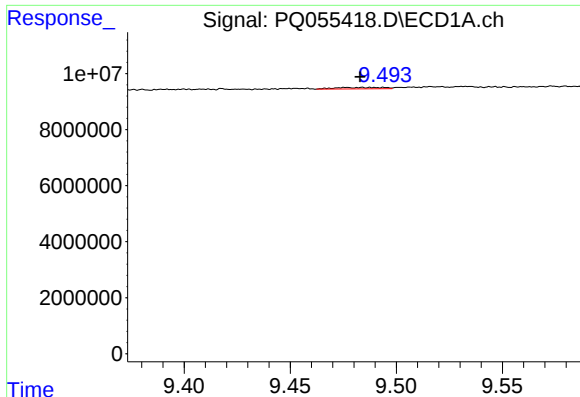
#34 AR-1260-4

R.T.: 9.139 min
Delta R.T.: 0.004 min
Response: 315958
Conc: 0.64 ng/ml



#34 AR-1260-4

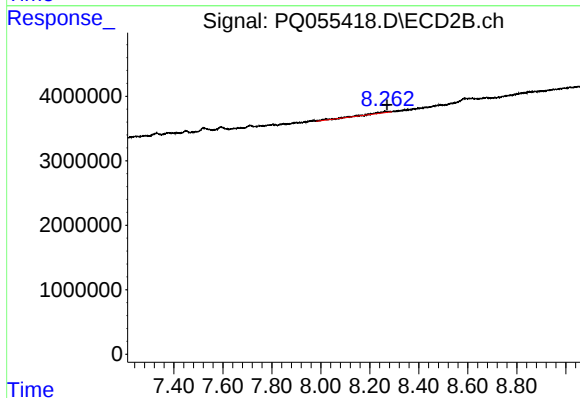
R.T.: 0.000 min
Exp R.T.: 8.025 min
Response: 0
Conc: N.D.



#35 AR-1260-5

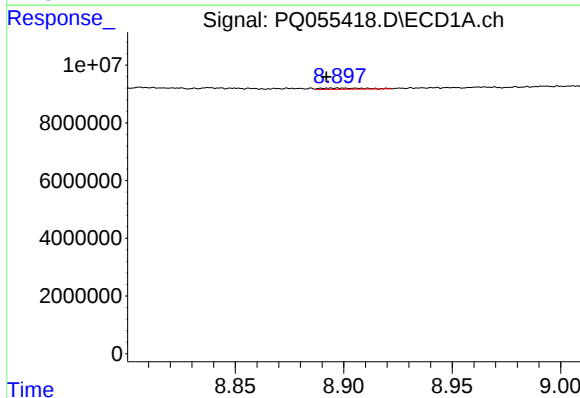
R.T.: 9.476 min
Delta R.T.: -0.007 min
Response: 846167
Conc: 0.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



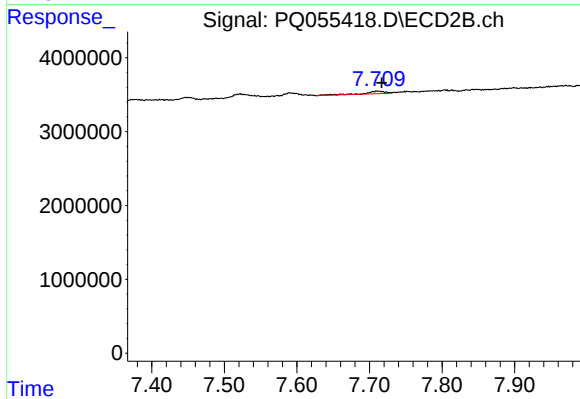
#35 AR-1260-5

R.T.: 8.263 min
Delta R.T.: -0.007 min
Response: 1173249
Conc: 1.15 ng/ml



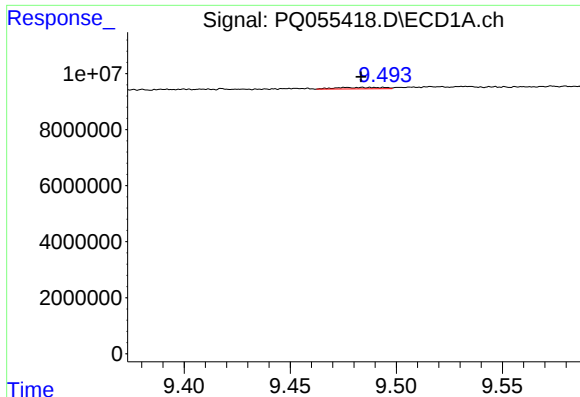
#36 AR-1262-1

R.T.: 8.906 min
Delta R.T.: 0.014 min
Response: 585131
Conc: 1.07 ng/ml



#36 AR-1262-1

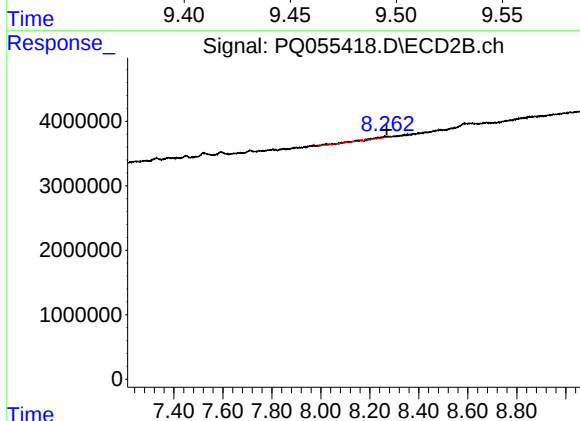
R.T.: 7.711 min
Delta R.T.: -0.006 min
Response: 725918
Conc: 2.39 ng/ml



#37 AR-1262-2

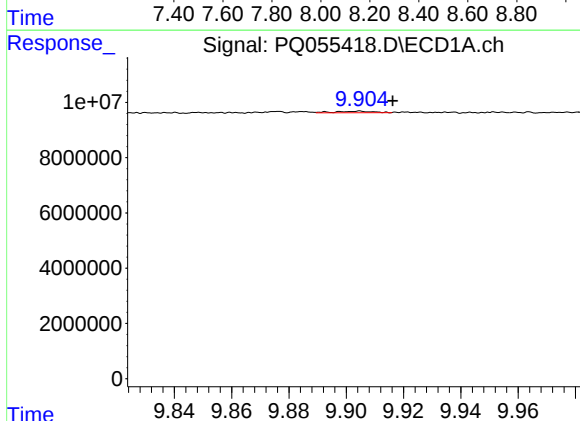
R.T.: 9.476 min
Delta R.T.: -0.007 min
Response: 846167
Conc: 0.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



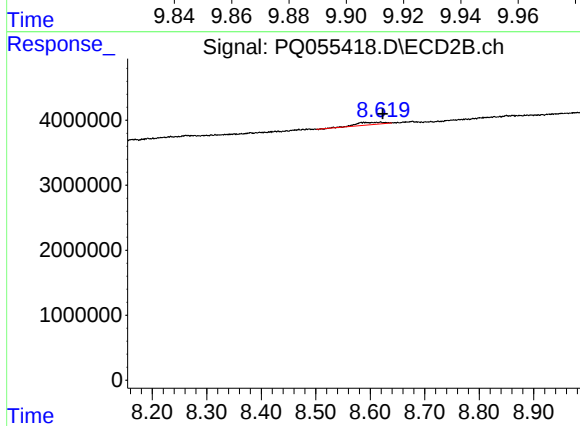
#37 AR-1262-2

R.T.: 8.263 min
Delta R.T.: -0.006 min
Response: 1173249
Conc: 1.07 ng/ml



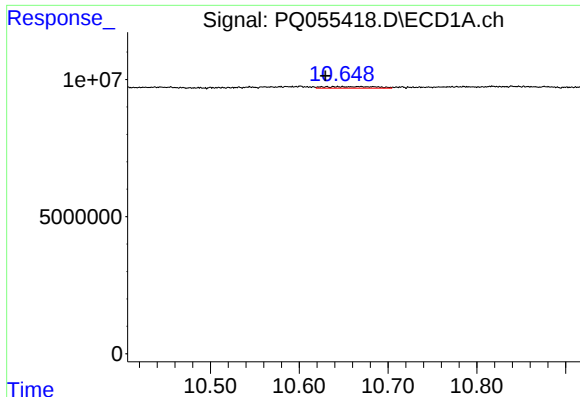
#39 AR-1262-4

R.T.: 9.904 min
Delta R.T.: -0.012 min
Response: 524064
Conc: 1.14 ng/ml



#39 AR-1262-4

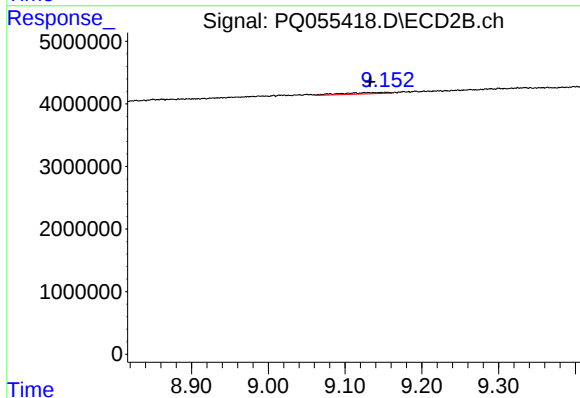
R.T.: 8.619 min
Delta R.T.: -0.004 min
Response: 1319037
Conc: 1.70 ng/ml



#40 AR-1262-5

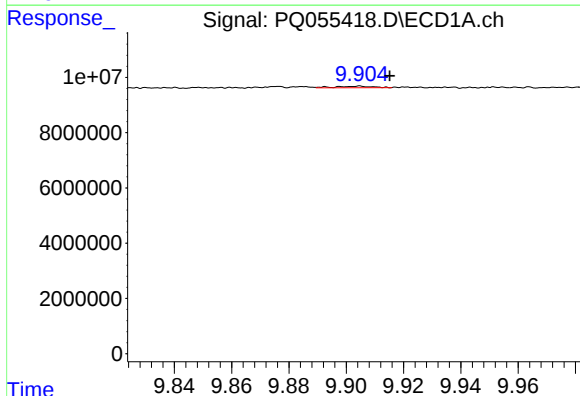
R.T.: 10.649 min
Delta R.T.: 0.019 min
Response: 2386002
Conc: 4.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



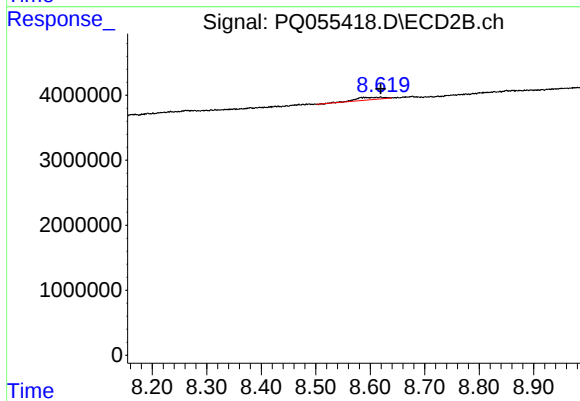
#40 AR-1262-5

R.T.: 9.153 min
Delta R.T.: 0.020 min
Response: 909262
Conc: 2.61 ng/ml



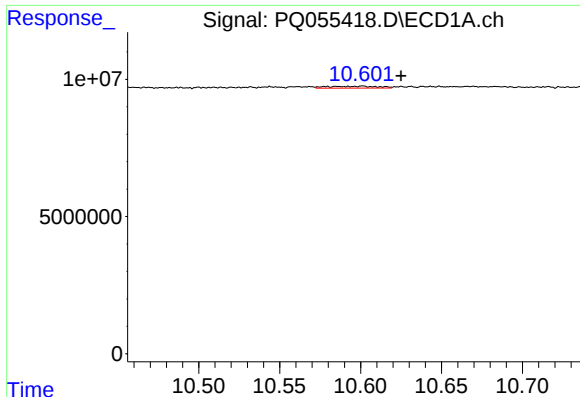
#42 AR-1268-2

R.T.: 9.904 min
Delta R.T.: -0.011 min
Response: 524064
Conc: 0.26 ng/ml



#42 AR-1268-2

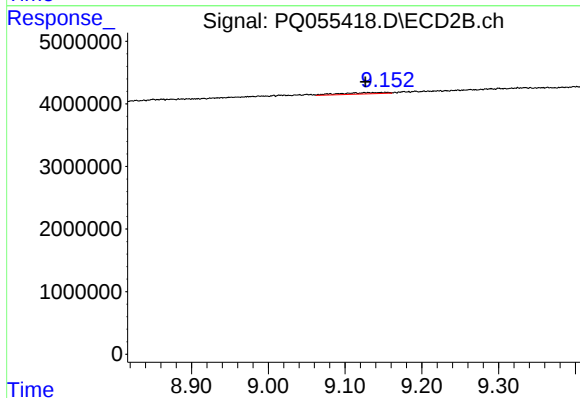
R.T.: 8.619 min
Delta R.T.: 0.000 min
Response: 1319037
Conc: 1.08 ng/ml



#44 AR-1268-4

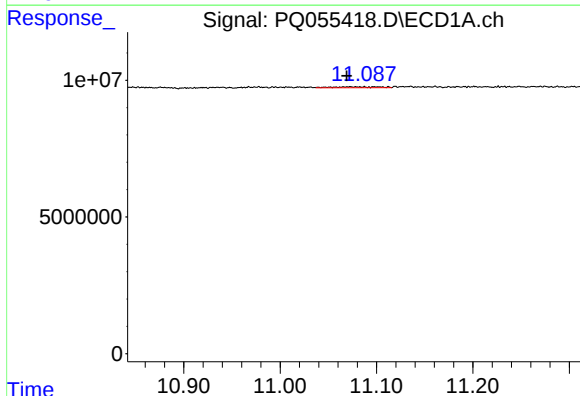
R.T.: 10.601 min
Delta R.T.: -0.024 min
Response: 1507874
Conc: 1.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



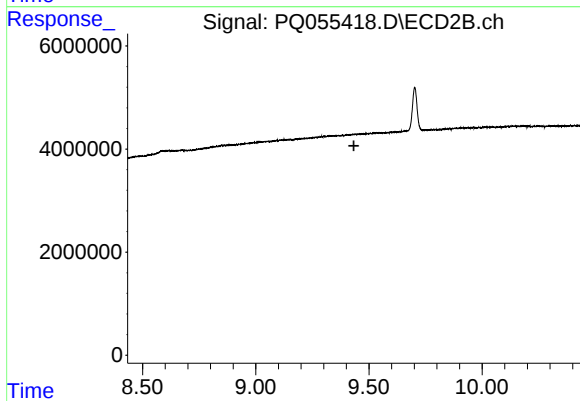
#44 AR-1268-4

R.T.: 9.153 min
Delta R.T.: 0.026 min
Response: 909262
Conc: 2.17 ng/ml



#45 AR-1268-5

R.T.: 11.087 min
Delta R.T.: 0.018 min
Response: 1202138
Conc: 0.20 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.434 min
Response: 0
Conc: N.D.