

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122821\
 Data File : PQ055419.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Dec 2021 14:15
 Operator : AJ\MA
 Sample : M5244-04 13X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 29 01:29:02 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	4.314	22520221	13685237	2.001	1.529
2) SA Decachlor...	11.432	9.701	27859957	12767345	1.962	1.653
Target Compounds						
3) L1 AR-1016-1	6.568	5.581	1134188	1350375	3.403	3.862
4) L1 AR-1016-2	6.589	5.605	3156444	2519250	5.667	5.101
5) L1 AR-1016-3	6.657	5.799	2492680	1455756	6.865	5.667
6) L1 AR-1016-4	6.765	5.846	2036110	2919356	6.747	14.365 #
7) L1 AR-1016-5	7.078	6.078	1380806	756821	5.525	2.980 #
8) L2 AR-1221-1	5.499	4.571	2880424	87051	23.109	0.821 #
9) L2 AR-1221-2	0.000	4.681	0	238945	N.D.	3.120 #
10) L2 AR-1221-3	5.679	4.764	2476878	1143233	8.426	4.451 #
11) L3 AR-1232-1	5.679	4.764	2476878	1143233	10.309	5.392 #
12) L3 AR-1232-2	6.291f	5.605	5595329	2519250	46.138	12.670 #
13) L3 AR-1232-3	6.589	5.799	3156444	1455756	13.568	14.150
14) L3 AR-1232-4	6.765	5.892	2036110	912492	16.174	10.168 #
15) L3 AR-1232-5	6.857	6.078	1949730	756821	30.462	7.950 #
16) L4 AR-1242-1	6.568	5.581	1134188	1350375	4.442	5.148
17) L4 AR-1242-2	6.589	5.605	3156444	2519250	7.609	6.840
18) L4 AR-1242-3	6.657	5.799	2492680	1455756	9.187	7.538
19) L4 AR-1242-4	6.765	5.892	2036110	912492	8.996	4.898 #
20) L4 AR-1242-5	7.549	6.459	2242620	2226869	9.819	9.383
21) L5 AR-1248-1	6.568	5.581	1134188	1350375	5.906	6.918
22) L5 AR-1248-2	6.857	5.846	1949730	2919356	7.650	10.865 #
23) L5 AR-1248-3	7.078	5.892	1380806	912492	4.297	3.262
24) L5 AR-1248-4	7.505	6.078	1471415	756821	3.981	2.289 #
25) L5 AR-1248-5	7.549	6.505	2242620	621762	5.791	1.890 #
26) L6 AR-1254-1	7.477	6.459	2548837	2226869	6.859	4.108 #
27) L6 AR-1254-2	7.711	6.619	2626951	1174071	4.521	2.512 #
28) L6 AR-1254-3	8.101	7.061f	3302998	3171146	4.689	4.169
29) L6 AR-1254-4	8.388	7.282	1445800	320679	2.734	0.689 #
30) L6 AR-1254-5	8.812	7.713	3361688	694853	5.913	1.079 #
31) L7 AR-1260-1	8.259	7.179	1133327	1087866	2.604	2.288
32) L7 AR-1260-2	8.523	7.374	2640985	643142	4.891	1.133 #
33) L7 AR-1260-3	8.894	7.529	1332781	379047	3.350	0.669 #
34) L7 AR-1260-4	0.000	8.021	0	286909	N.D.	0.696 #
35) L7 AR-1260-5	9.490	8.271	1725099	1127005	1.501	1.107 #
36) L8 AR-1262-1	8.894	7.713	1332781	694853	2.426	2.291
37) L8 AR-1262-2	9.490	8.271	1725099	1127005	1.435	1.031 #
38) L8 AR-1262-3	0.000	8.541f	0	37022	N.D.	0.092 #
39) L8 AR-1262-4	0.000	8.610	0	397416	N.D.	0.512 #
40) L8 AR-1262-5	10.645f	9.134	376567	741472	0.655	2.131 #
41) L9 AR-1268-1	0.000	8.541	0	37022	N.D.	0.028 #

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 Operator : AJ\MA
 Sample : M5244-04 13X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

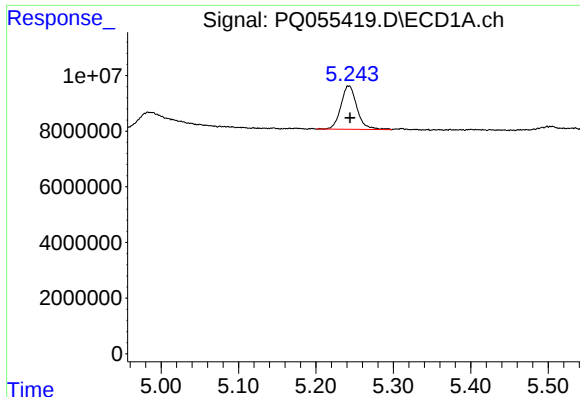
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 29 01:29:02 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
42) L9	AR-1268-2	0.000	8.610	0	397416	N.D.	0.326 #
43) L9	AR-1268-3	0.000	8.812f	0	59788	N.D.	0.059 #
44) L9	AR-1268-4	10.645f	9.134	376567	741472	0.497	1.773 #
45) L9	AR-1268-5	0.000	9.429	0	152434	N.D.	0.047 #

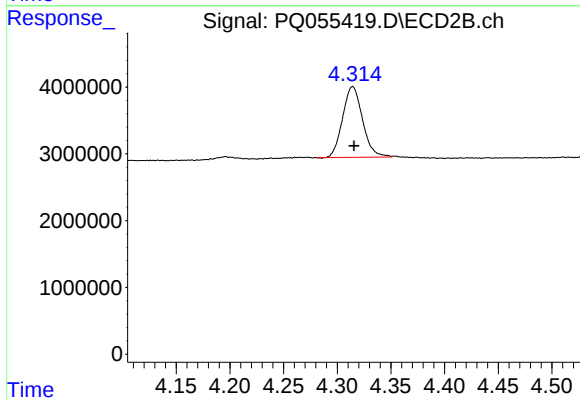
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

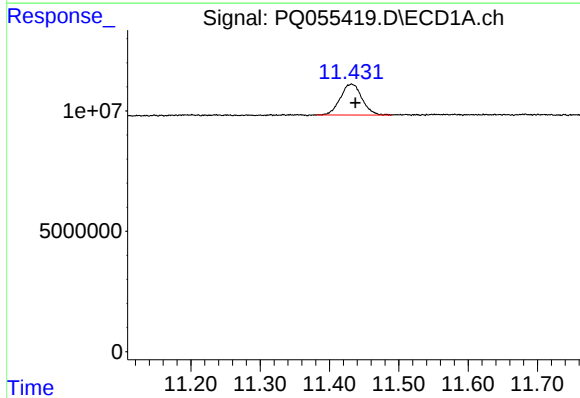
R.T.: 5.242 min
Delta R.T.: -0.002 min
Response: 22520221
Conc: 2.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



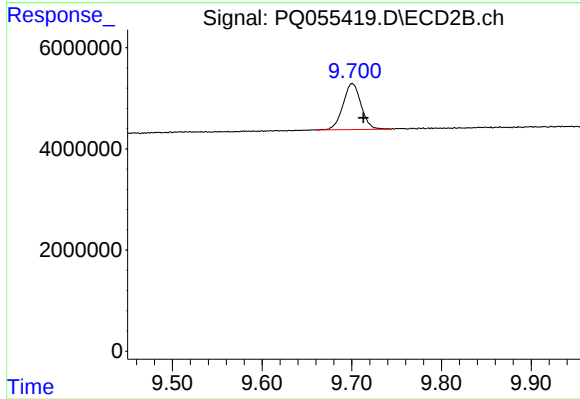
#1 Tetrachloro-m-xylene

R.T.: 4.314 min
Delta R.T.: -0.001 min
Response: 13685237
Conc: 1.53 ng/ml



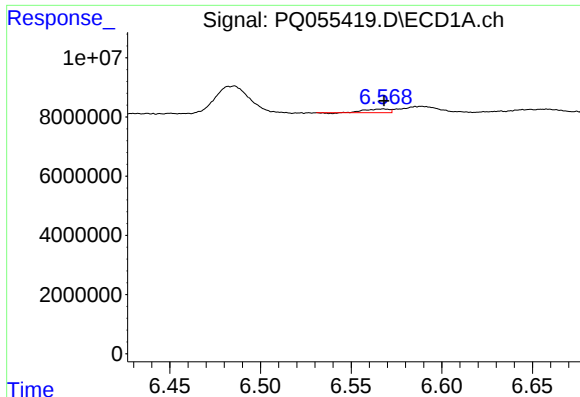
#2 Decachlorobiphenyl

R.T.: 11.432 min
Delta R.T.: -0.005 min
Response: 27859957
Conc: 1.96 ng/ml



#2 Decachlorobiphenyl

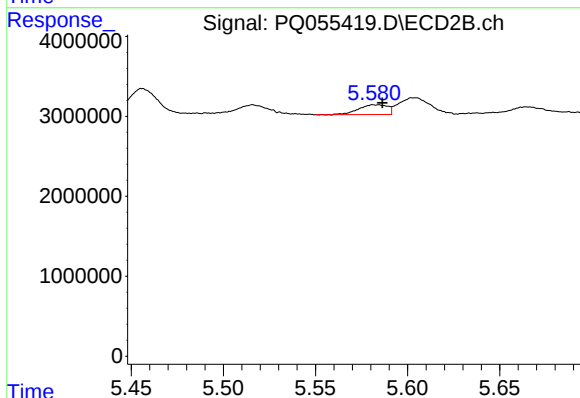
R.T.: 9.701 min
Delta R.T.: -0.012 min
Response: 12767345
Conc: 1.65 ng/ml



#3 AR-1016-1

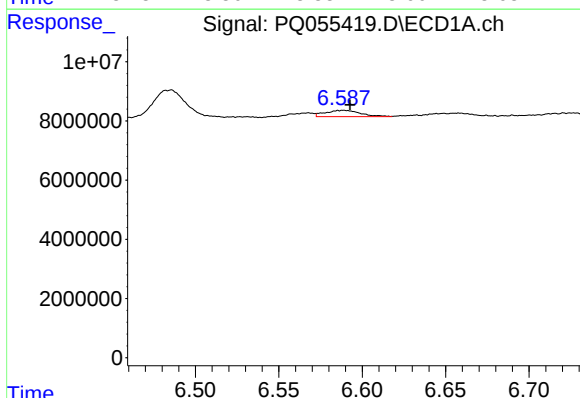
R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 1134188
Conc: 3.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



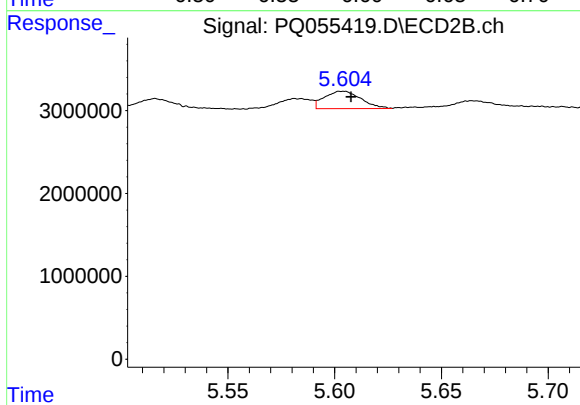
#3 AR-1016-1

R.T.: 5.581 min
Delta R.T.: -0.005 min
Response: 1350375
Conc: 3.86 ng/ml



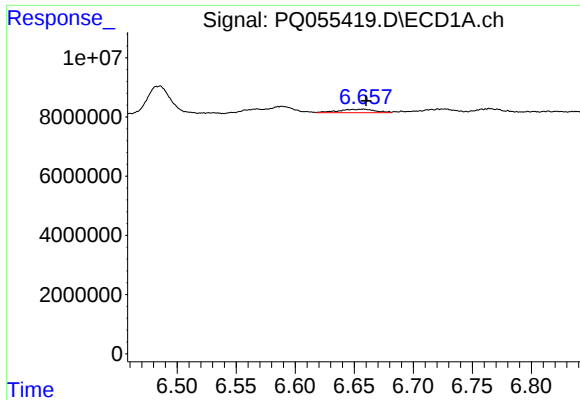
#4 AR-1016-2

R.T.: 6.589 min
Delta R.T.: -0.004 min
Response: 3156444
Conc: 5.67 ng/ml



#4 AR-1016-2

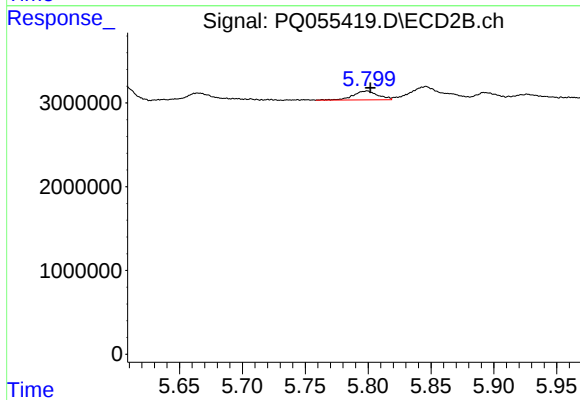
R.T.: 5.605 min
Delta R.T.: -0.003 min
Response: 2519250
Conc: 5.10 ng/ml



#5 AR-1016-3

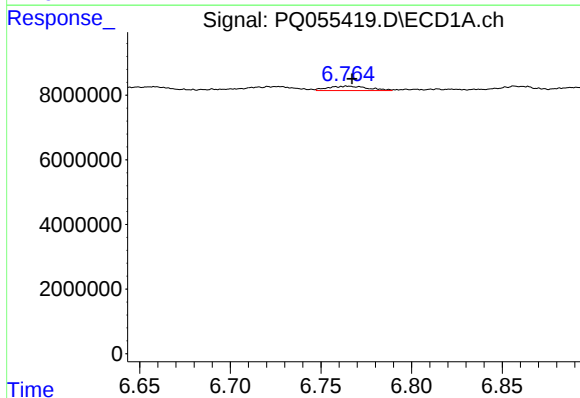
R.T.: 6.657 min
Delta R.T.: -0.002 min
Response: 2492680
Conc: 6.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



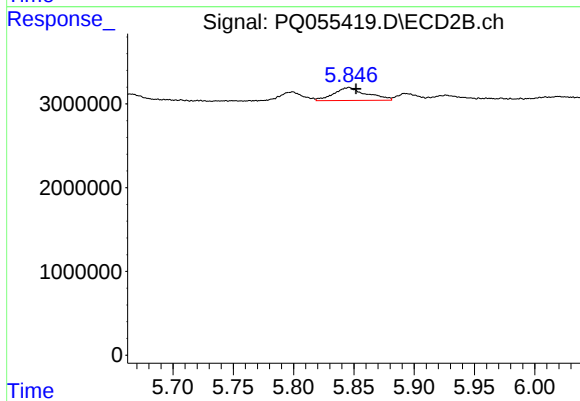
#5 AR-1016-3

R.T.: 5.799 min
Delta R.T.: -0.003 min
Response: 1455756
Conc: 5.67 ng/ml



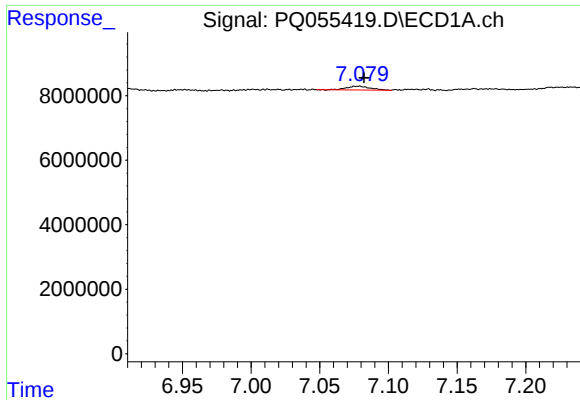
#6 AR-1016-4

R.T.: 6.765 min
Delta R.T.: -0.002 min
Response: 2036110
Conc: 6.75 ng/ml



#6 AR-1016-4

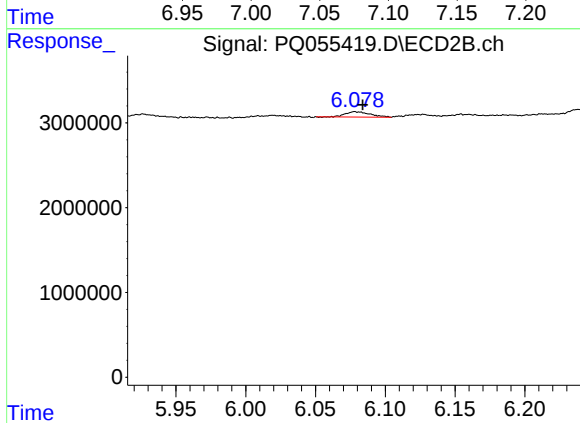
R.T.: 5.846 min
Delta R.T.: -0.006 min
Response: 2919356
Conc: 14.36 ng/ml



#7 AR-1016-5

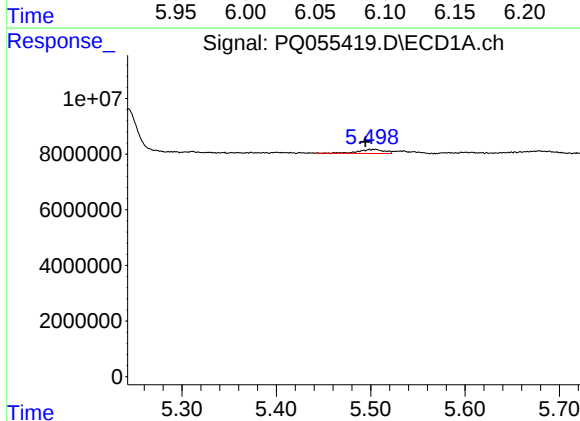
R.T.: 7.078 min
Delta R.T.: -0.004 min
Response: 1380806
Conc: 5.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



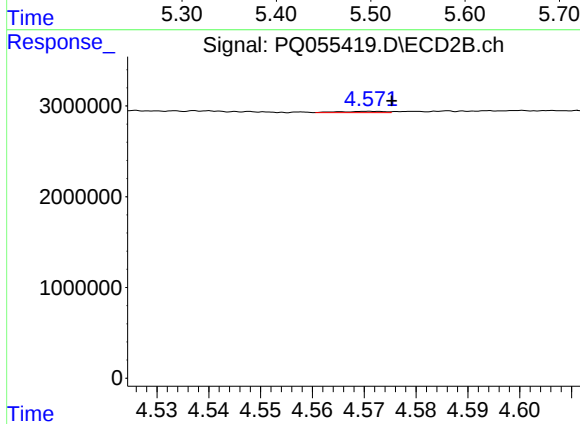
#7 AR-1016-5

R.T.: 6.078 min
Delta R.T.: -0.006 min
Response: 756821
Conc: 2.98 ng/ml



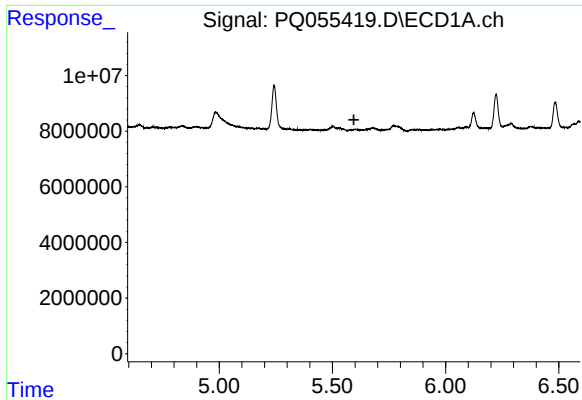
#8 AR-1221-1

R.T.: 5.499 min
Delta R.T.: 0.005 min
Response: 2880424
Conc: 23.11 ng/ml



#8 AR-1221-1

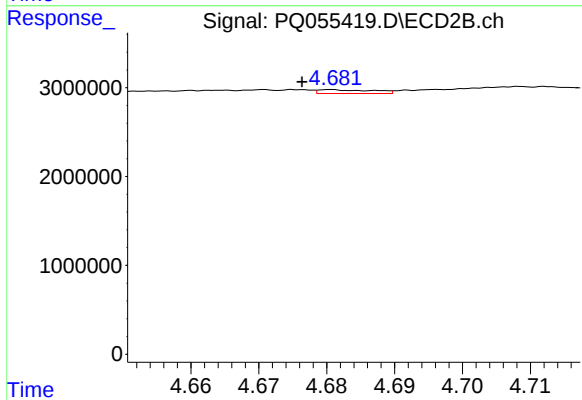
R.T.: 4.571 min
Delta R.T.: -0.004 min
Response: 87051
Conc: 0.82 ng/ml



#9 AR-1221-2

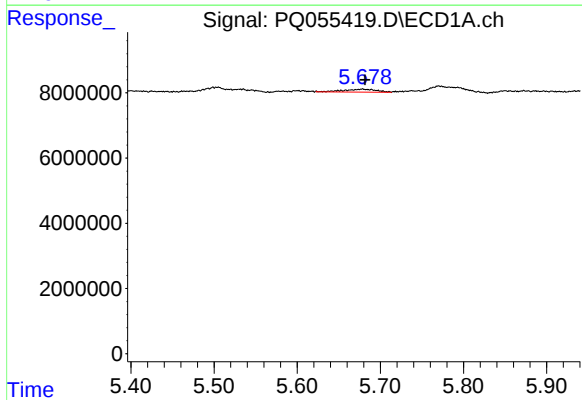
R.T.: 0.000 min
Exp R.T.: 5.595 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



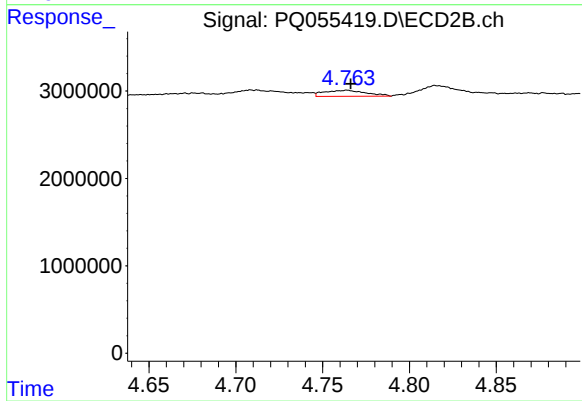
#9 AR-1221-2

R.T.: 4.681 min
Delta R.T.: 0.004 min
Response: 238945
Conc: 3.12 ng/ml



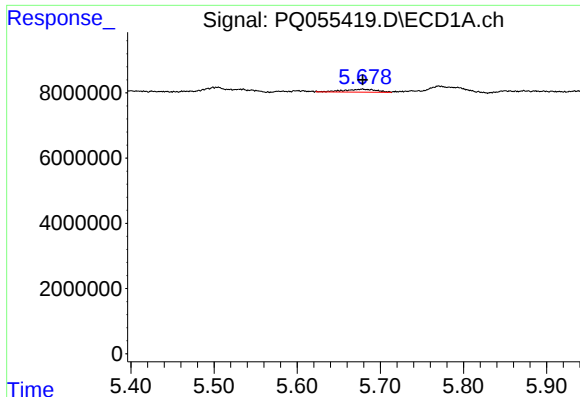
#10 AR-1221-3

R.T.: 5.679 min
Delta R.T.: -0.003 min
Response: 2476878
Conc: 8.43 ng/ml



#10 AR-1221-3

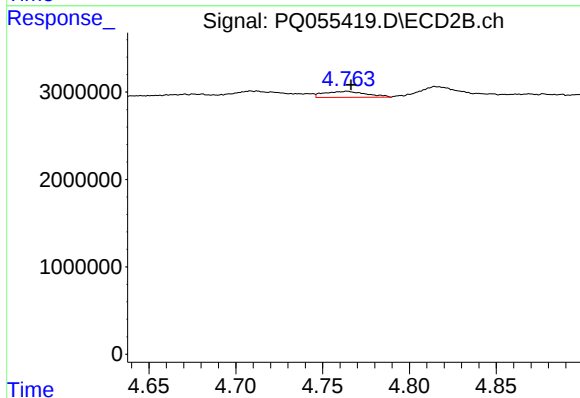
R.T.: 4.764 min
Delta R.T.: -0.002 min
Response: 1143233
Conc: 4.45 ng/ml



#11 AR-1232-1

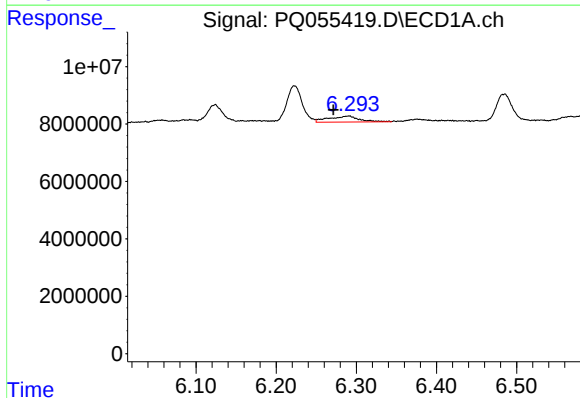
R.T.: 5.679 min
Delta R.T.: 0.000 min
Response: 2476878
Conc: 10.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



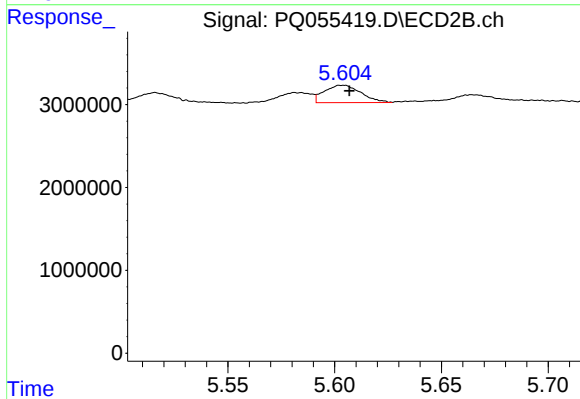
#11 AR-1232-1

R.T.: 4.764 min
Delta R.T.: -0.002 min
Response: 1143233
Conc: 5.39 ng/ml



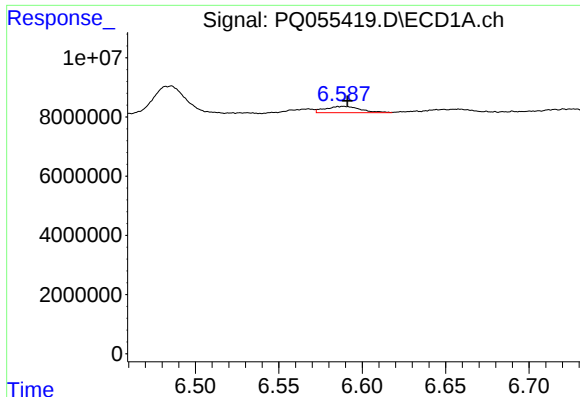
#12 AR-1232-2

R.T.: 6.291 min
Delta R.T.: 0.019 min
Response: 5595329
Conc: 46.14 ng/ml



#12 AR-1232-2

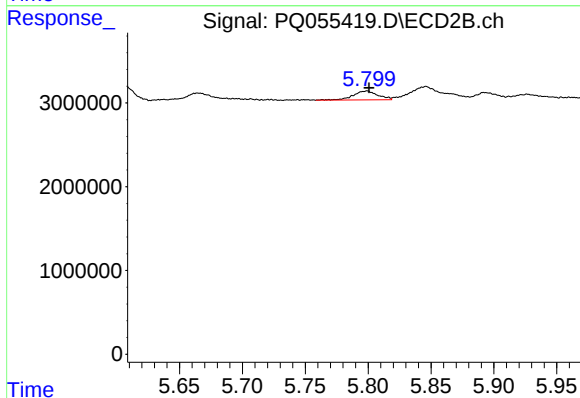
R.T.: 5.605 min
Delta R.T.: -0.002 min
Response: 2519250
Conc: 12.67 ng/ml



#13 AR-1232-3

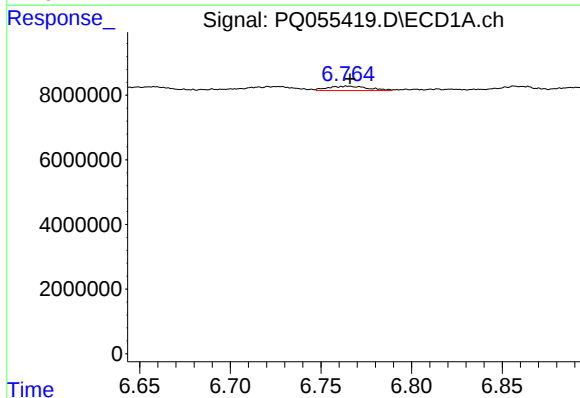
R.T.: 6.589 min
Delta R.T.: -0.003 min
Response: 3156444
Conc: 13.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



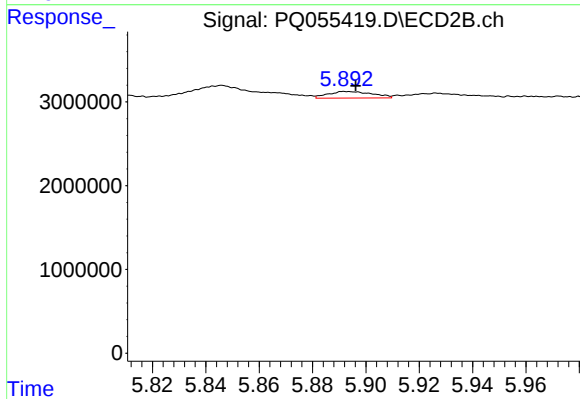
#13 AR-1232-3

R.T.: 5.799 min
Delta R.T.: -0.001 min
Response: 1455756
Conc: 14.15 ng/ml



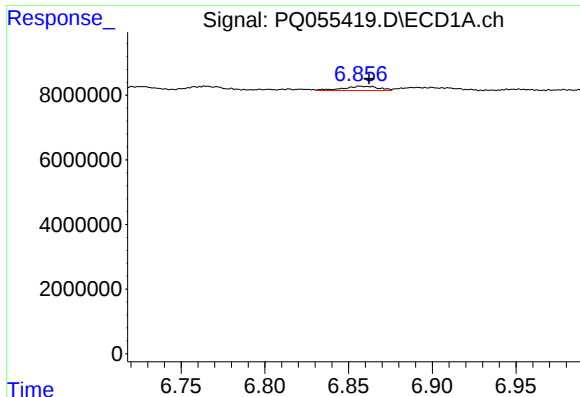
#14 AR-1232-4

R.T.: 6.765 min
Delta R.T.: -0.001 min
Response: 2036110
Conc: 16.17 ng/ml



#14 AR-1232-4

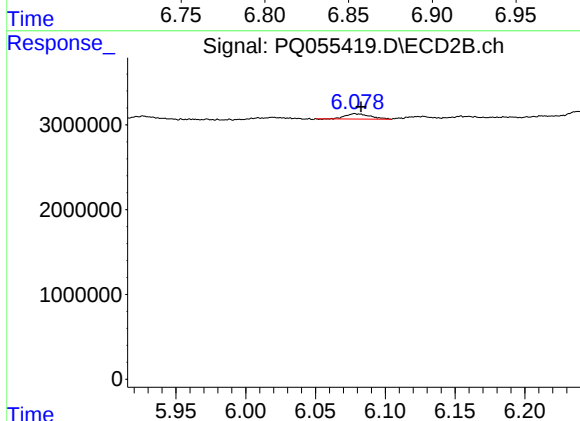
R.T.: 5.892 min
Delta R.T.: -0.004 min
Response: 912492
Conc: 10.17 ng/ml



#15 AR-1232-5

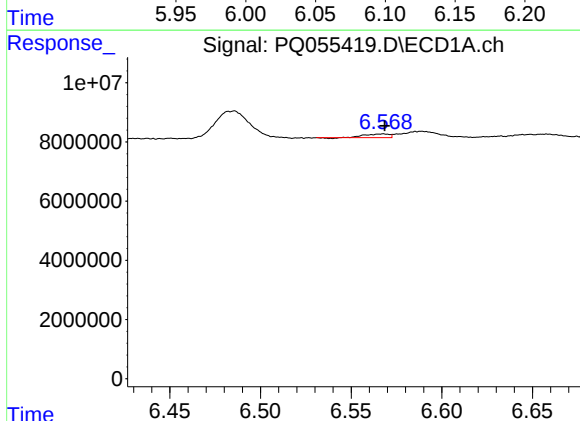
R.T.: 6.857 min
Delta R.T.: -0.005 min
Response: 1949730
Conc: 30.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



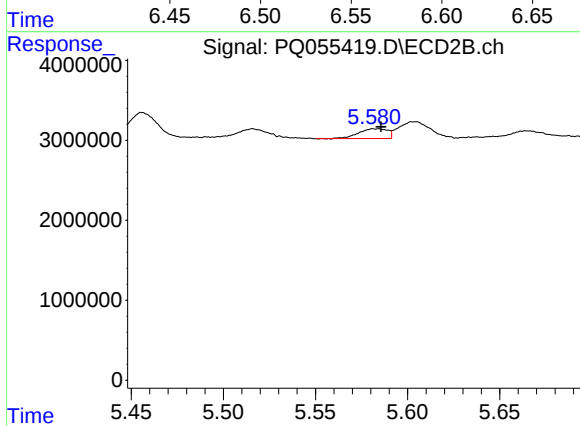
#15 AR-1232-5

R.T.: 6.078 min
Delta R.T.: -0.004 min
Response: 756821
Conc: 7.95 ng/ml



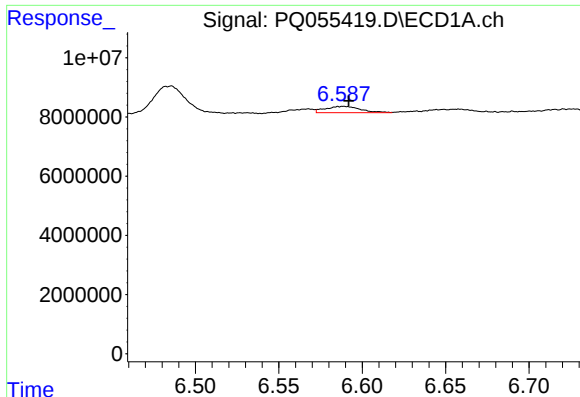
#16 AR-1242-1

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 1134188
Conc: 4.44 ng/ml



#16 AR-1242-1

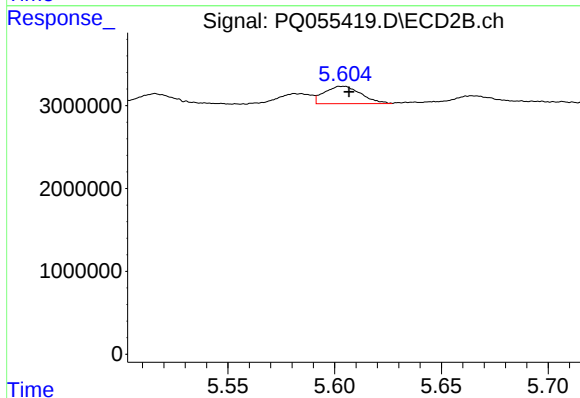
R.T.: 5.581 min
Delta R.T.: -0.004 min
Response: 1350375
Conc: 5.15 ng/ml



#17 AR-1242-2

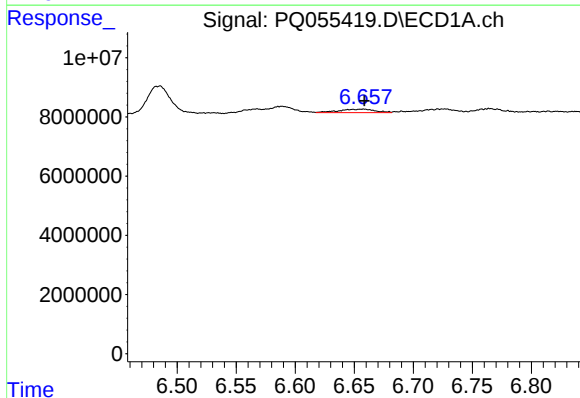
R.T.: 6.589 min
Delta R.T.: -0.003 min
Response: 3156444
Conc: 7.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



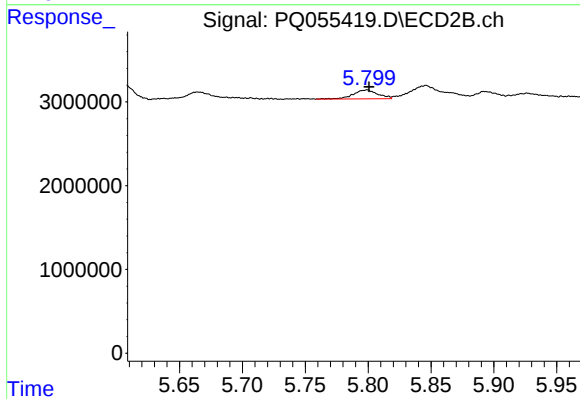
#17 AR-1242-2

R.T.: 5.605 min
Delta R.T.: -0.002 min
Response: 2519250
Conc: 6.84 ng/ml



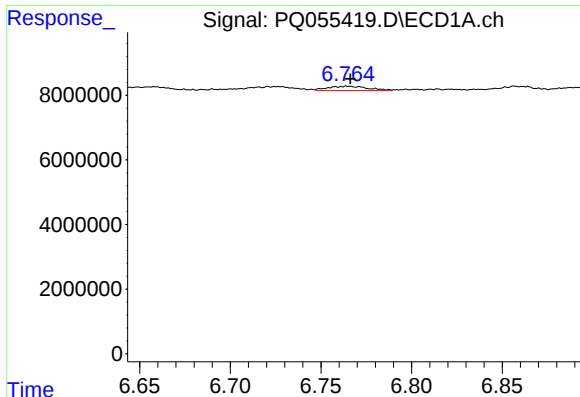
#18 AR-1242-3

R.T.: 6.657 min
Delta R.T.: -0.001 min
Response: 2492680
Conc: 9.19 ng/ml



#18 AR-1242-3

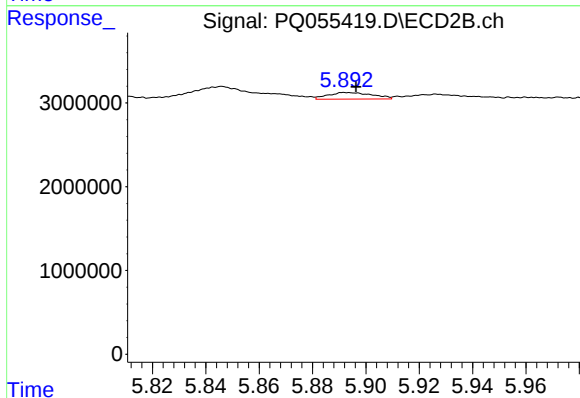
R.T.: 5.799 min
Delta R.T.: -0.001 min
Response: 1455756
Conc: 7.54 ng/ml



#19 AR-1242-4

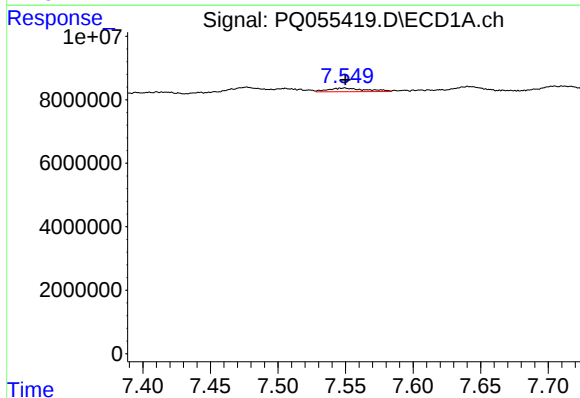
R.T.: 6.765 min
Delta R.T.: -0.001 min
Response: 2036110
Conc: 9.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



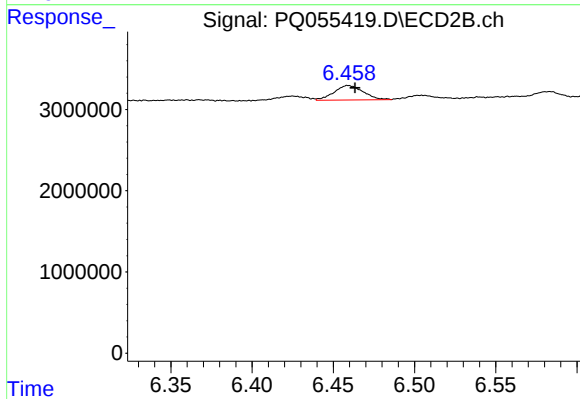
#19 AR-1242-4

R.T.: 5.892 min
Delta R.T.: -0.004 min
Response: 912492
Conc: 4.90 ng/ml



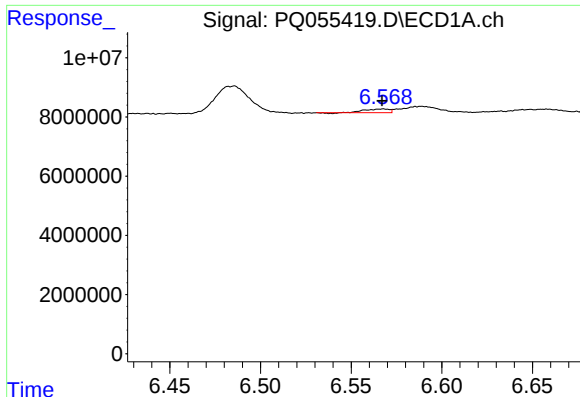
#20 AR-1242-5

R.T.: 7.549 min
Delta R.T.: -0.001 min
Response: 2242620
Conc: 9.82 ng/ml



#20 AR-1242-5

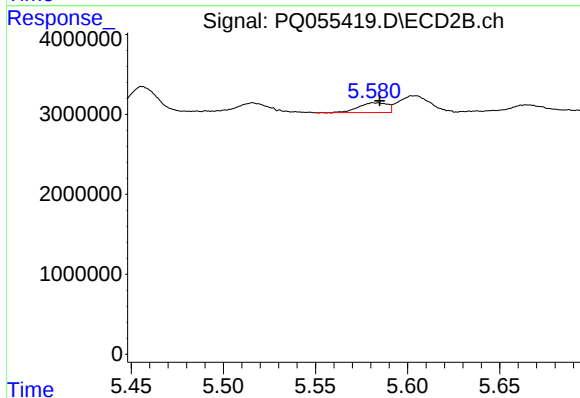
R.T.: 6.459 min
Delta R.T.: -0.004 min
Response: 2226869
Conc: 9.38 ng/ml



#21 AR-1248-1

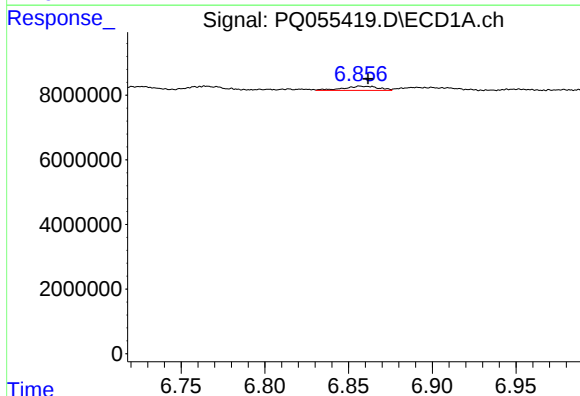
R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 1134188
Conc: 5.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



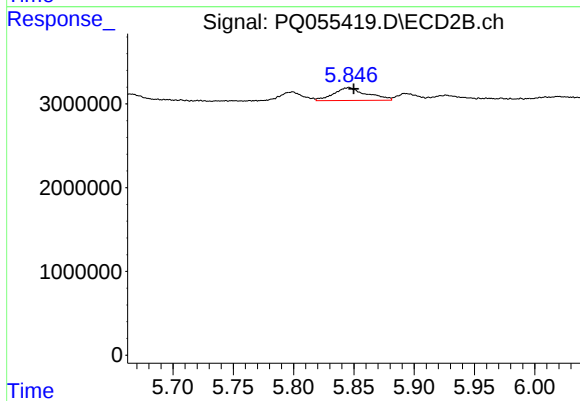
#21 AR-1248-1

R.T.: 5.581 min
Delta R.T.: -0.004 min
Response: 1350375
Conc: 6.92 ng/ml



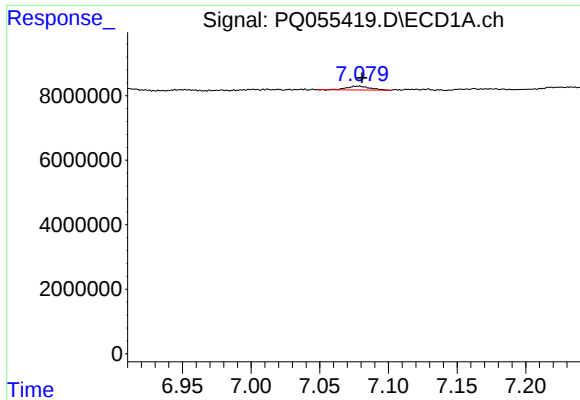
#22 AR-1248-2

R.T.: 6.857 min
Delta R.T.: -0.004 min
Response: 1949730
Conc: 7.65 ng/ml



#22 AR-1248-2

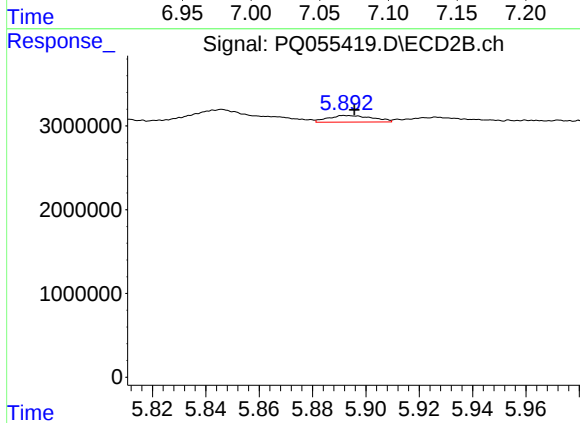
R.T.: 5.846 min
Delta R.T.: -0.004 min
Response: 2919356
Conc: 10.87 ng/ml



#23 AR-1248-3

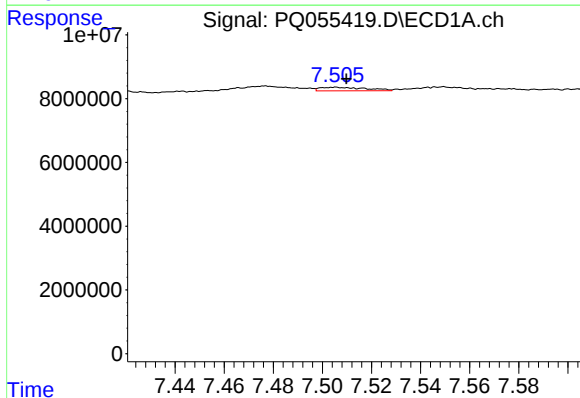
R.T.: 7.078 min
Delta R.T.: -0.003 min
Response: 1380806
Conc: 4.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



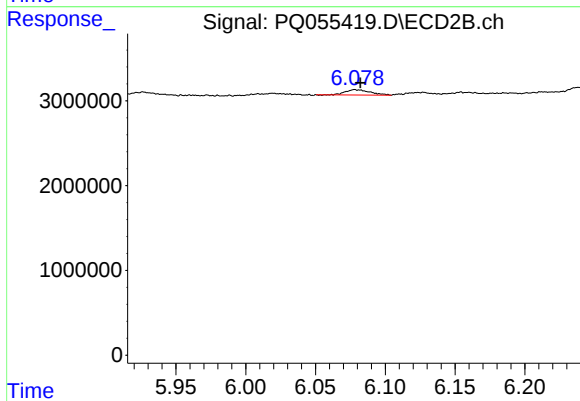
#23 AR-1248-3

R.T.: 5.892 min
Delta R.T.: -0.004 min
Response: 912492
Conc: 3.26 ng/ml



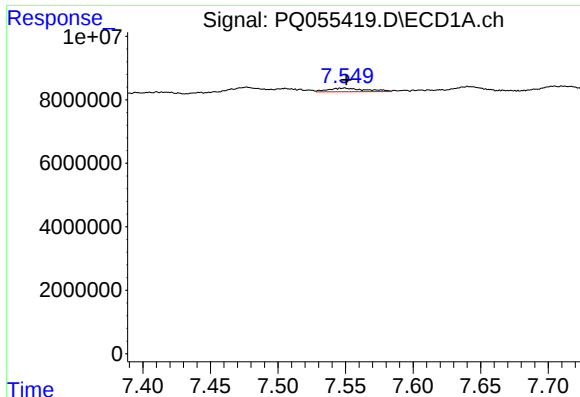
#24 AR-1248-4

R.T.: 7.505 min
Delta R.T.: -0.004 min
Response: 1471415
Conc: 3.98 ng/ml



#24 AR-1248-4

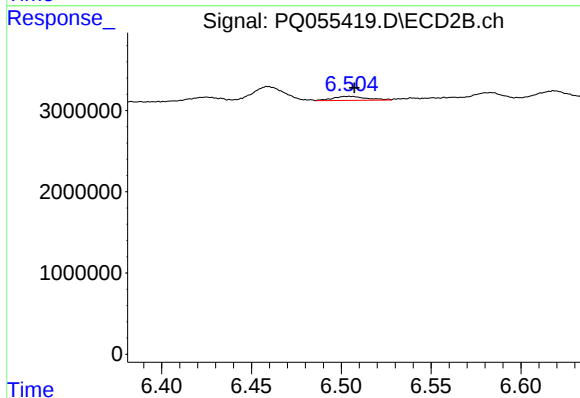
R.T.: 6.078 min
Delta R.T.: -0.004 min
Response: 756821
Conc: 2.29 ng/ml



#25 AR-1248-5

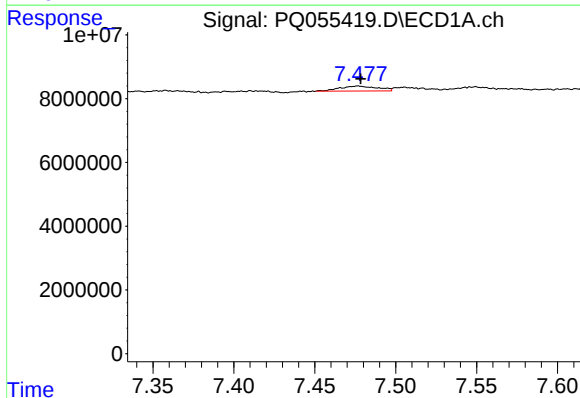
R.T.: 7.549 min
Delta R.T.: -0.002 min
Response: 2242620
Conc: 5.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



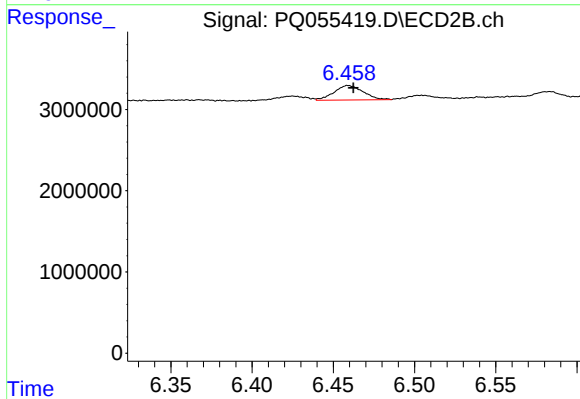
#25 AR-1248-5

R.T.: 6.505 min
Delta R.T.: -0.003 min
Response: 621762
Conc: 1.89 ng/ml



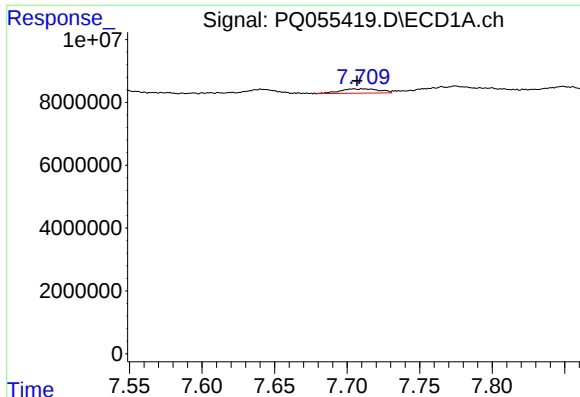
#26 AR-1254-1

R.T.: 7.477 min
Delta R.T.: -0.001 min
Response: 2548837
Conc: 6.86 ng/ml



#26 AR-1254-1

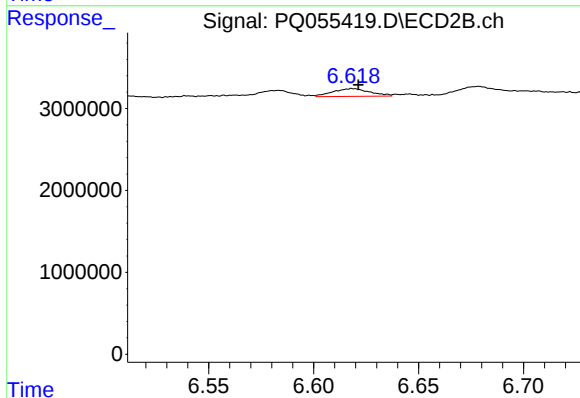
R.T.: 6.459 min
Delta R.T.: -0.003 min
Response: 2226869
Conc: 4.11 ng/ml



#27 AR-1254-2

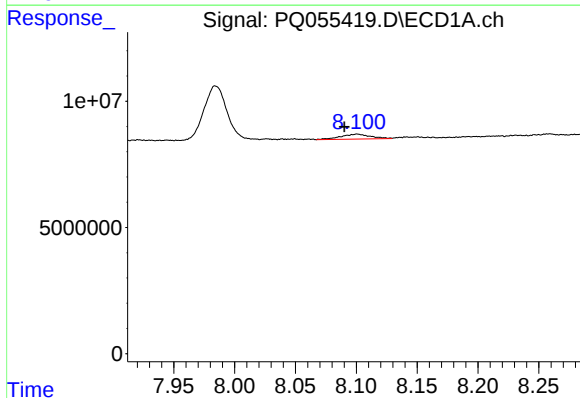
R.T.: 7.711 min
Delta R.T.: 0.005 min
Response: 2626951
Conc: 4.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



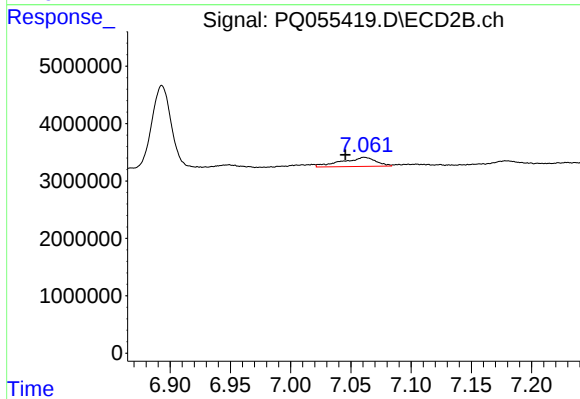
#27 AR-1254-2

R.T.: 6.619 min
Delta R.T.: -0.003 min
Response: 1174071
Conc: 2.51 ng/ml



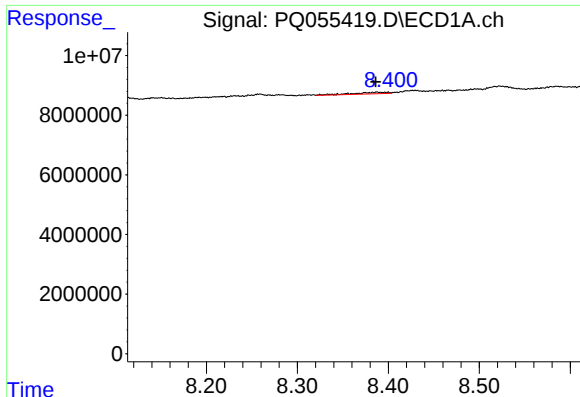
#28 AR-1254-3

R.T.: 8.101 min
Delta R.T.: 0.011 min
Response: 3302998
Conc: 4.69 ng/ml



#28 AR-1254-3

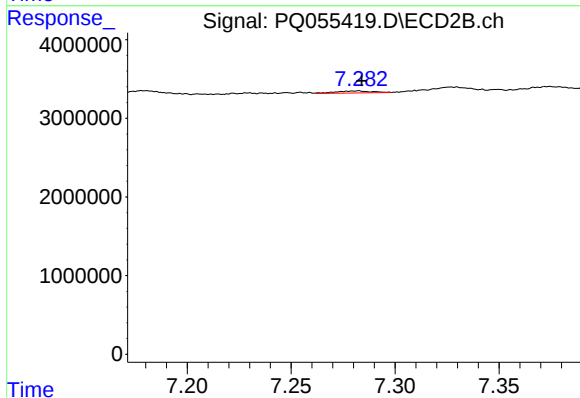
R.T.: 7.061 min
Delta R.T.: 0.015 min
Response: 3171146
Conc: 4.17 ng/ml



#29 AR-1254-4

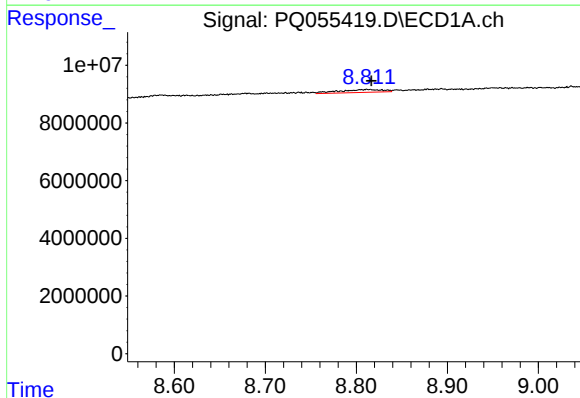
R.T.: 8.388 min
Delta R.T.: 0.002 min
Response: 1445800
Conc: 2.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



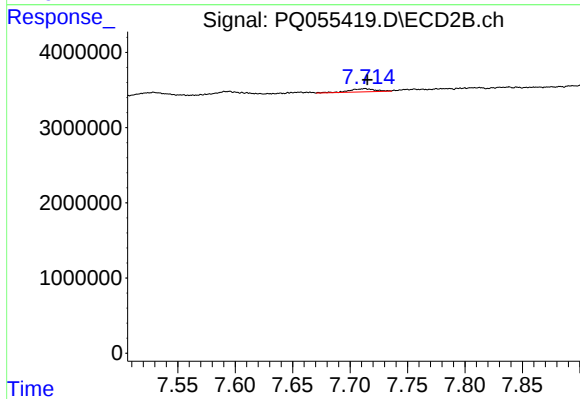
#29 AR-1254-4

R.T.: 7.282 min
Delta R.T.: -0.002 min
Response: 320679
Conc: 0.69 ng/ml



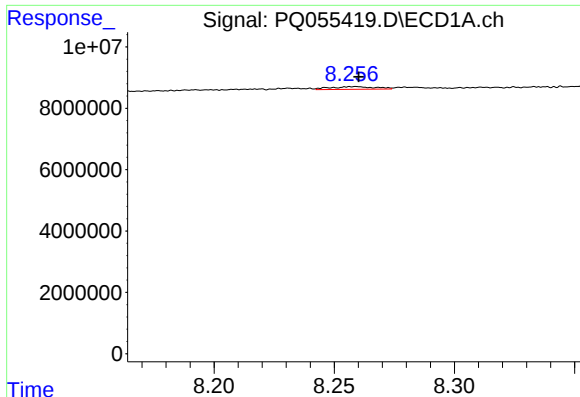
#30 AR-1254-5

R.T.: 8.812 min
Delta R.T.: -0.005 min
Response: 3361688
Conc: 5.91 ng/ml



#30 AR-1254-5

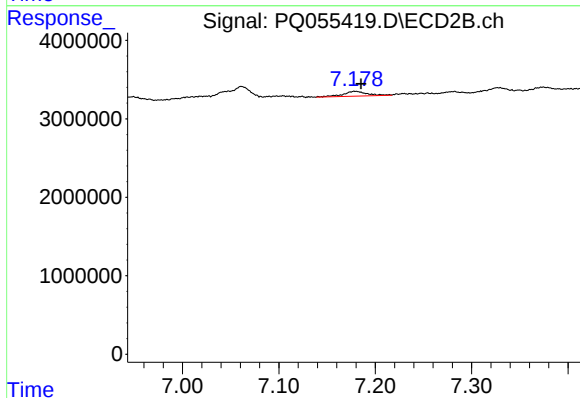
R.T.: 7.713 min
Delta R.T.: -0.002 min
Response: 694853
Conc: 1.08 ng/ml



#31 AR-1260-1

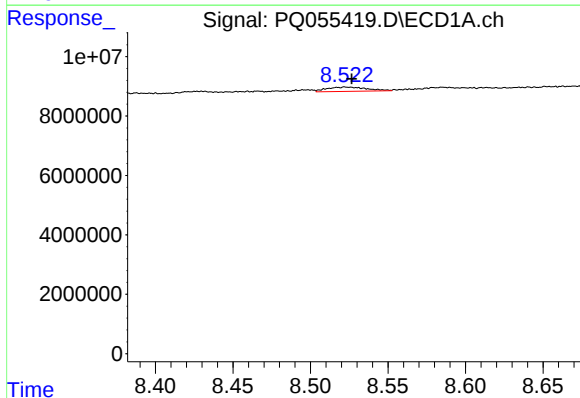
R.T.: 8.259 min
Delta R.T.: -0.001 min
Response: 1133327
Conc: 2.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



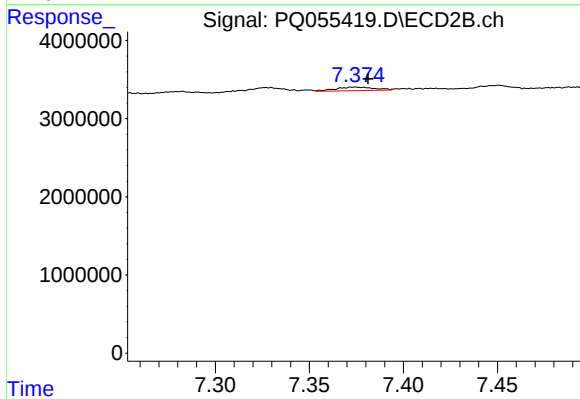
#31 AR-1260-1

R.T.: 7.179 min
Delta R.T.: -0.006 min
Response: 1087866
Conc: 2.29 ng/ml



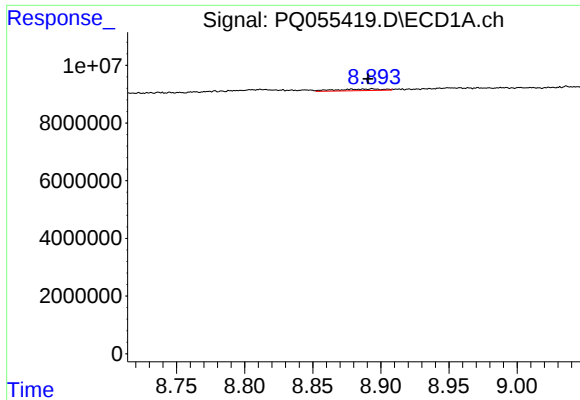
#32 AR-1260-2

R.T.: 8.523 min
Delta R.T.: -0.004 min
Response: 2640985
Conc: 4.89 ng/ml



#32 AR-1260-2

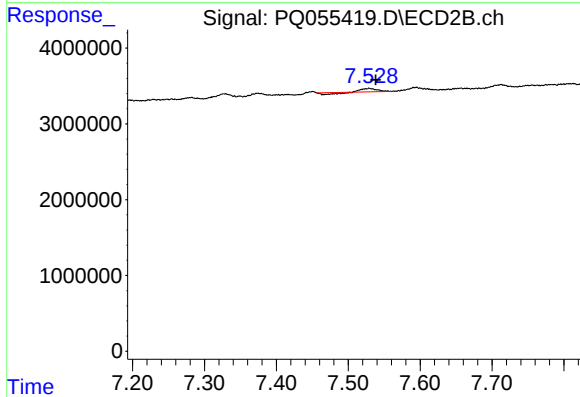
R.T.: 7.374 min
Delta R.T.: -0.007 min
Response: 643142
Conc: 1.13 ng/ml



#33 AR-1260-3

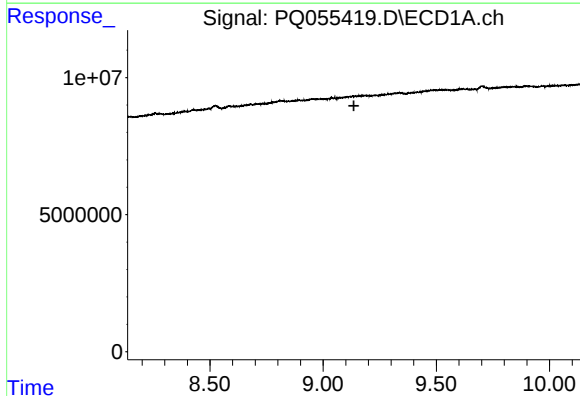
R.T.: 8.894 min
Delta R.T.: 0.003 min
Response: 1332781
Conc: 3.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



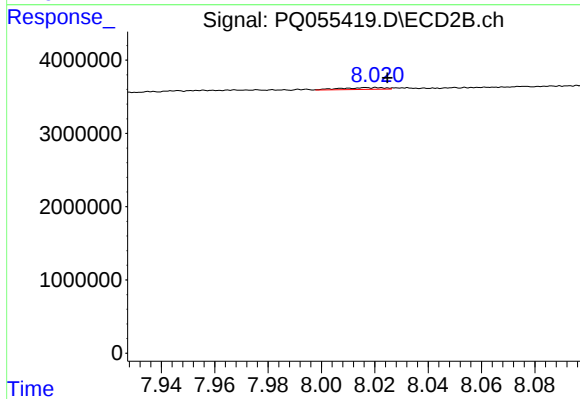
#33 AR-1260-3

R.T.: 7.529 min
Delta R.T.: -0.009 min
Response: 379047
Conc: 0.67 ng/ml



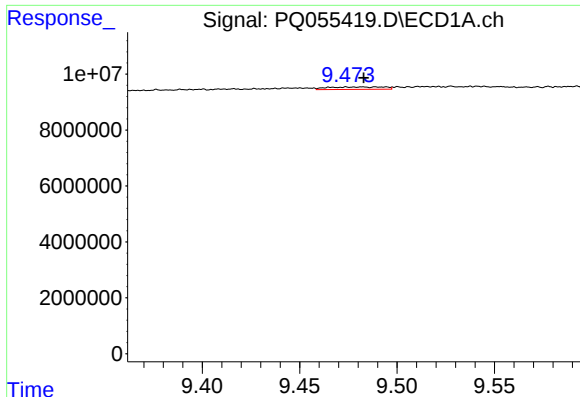
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 9.136 min
Response: 0
Conc: N.D.



#34 AR-1260-4

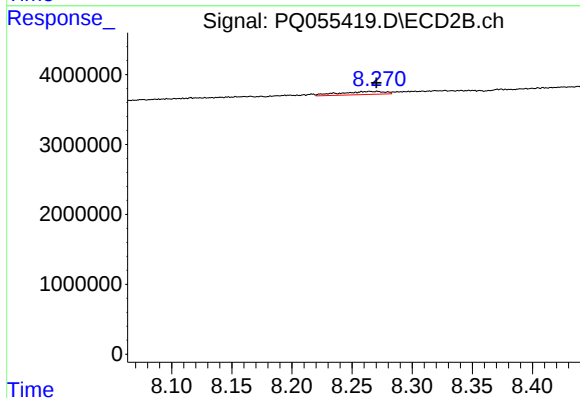
R.T.: 8.021 min
Delta R.T.: -0.004 min
Response: 286909
Conc: 0.70 ng/ml



#35 AR-1260-5

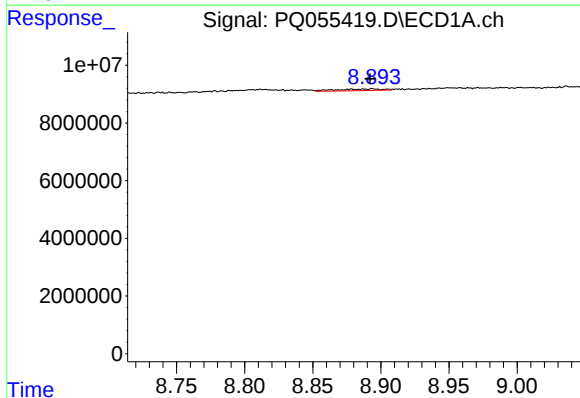
R.T.: 9.490 min
Delta R.T.: 0.007 min
Response: 1725099
Conc: 1.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



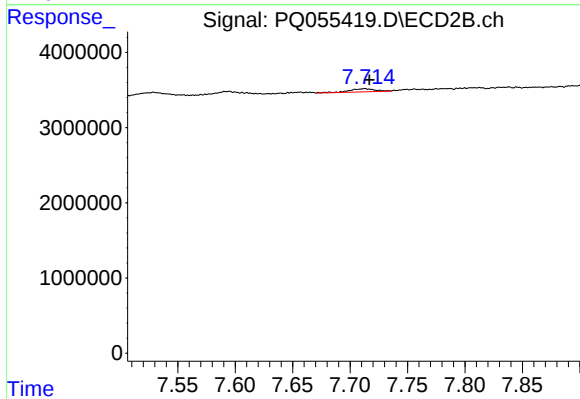
#35 AR-1260-5

R.T.: 8.271 min
Delta R.T.: 0.000 min
Response: 1127005
Conc: 1.11 ng/ml



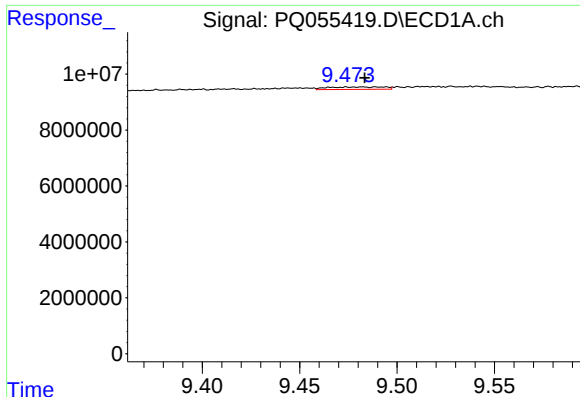
#36 AR-1262-1

R.T.: 8.894 min
Delta R.T.: 0.002 min
Response: 1332781
Conc: 2.43 ng/ml



#36 AR-1262-1

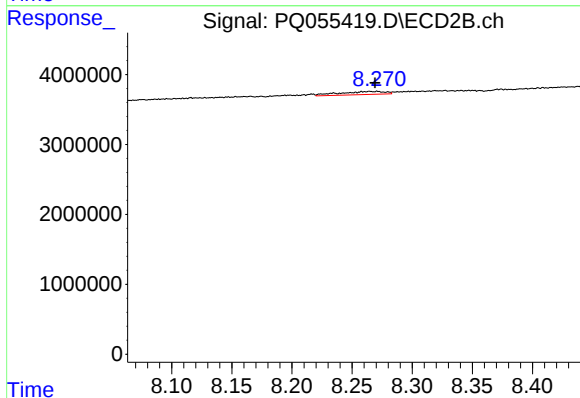
R.T.: 7.713 min
Delta R.T.: -0.004 min
Response: 694853
Conc: 2.29 ng/ml



#37 AR-1262-2

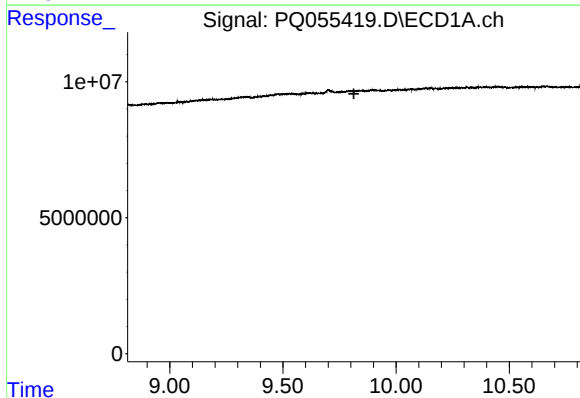
R.T.: 9.490 min
Delta R.T.: 0.006 min
Response: 1725099
Conc: 1.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



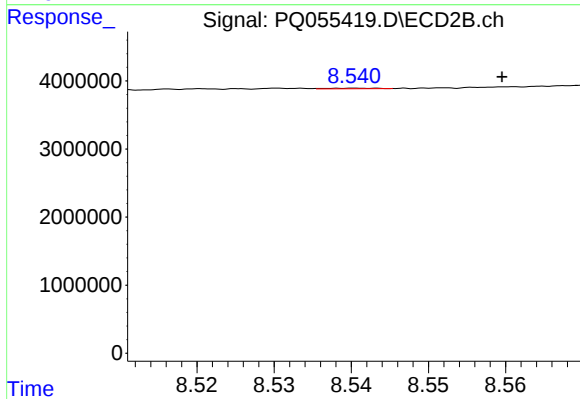
#37 AR-1262-2

R.T.: 8.271 min
Delta R.T.: 0.002 min
Response: 1127005
Conc: 1.03 ng/ml



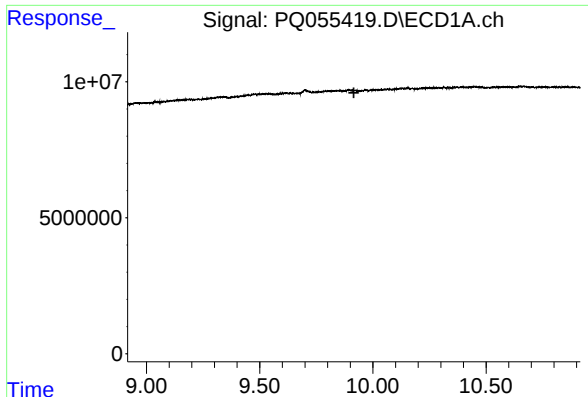
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.814 min
Response: 0
Conc: N.D.



#38 AR-1262-3

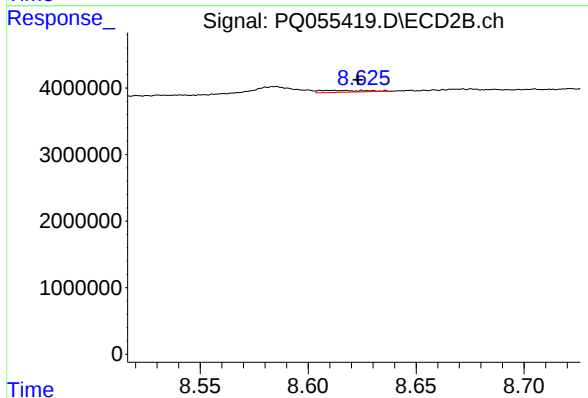
R.T.: 8.541 min
Delta R.T.: -0.019 min
Response: 37022
Conc: 0.09 ng/ml



#39 AR-1262-4

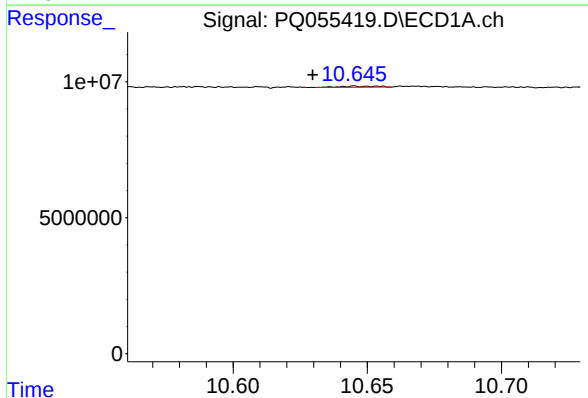
R.T.: 0.000 min
Exp R.T.: 9.916 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



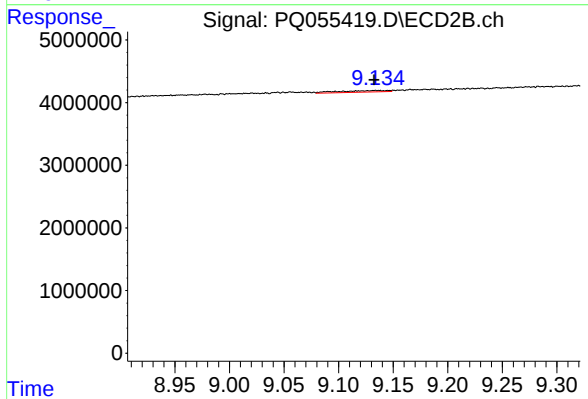
#39 AR-1262-4

R.T.: 8.610 min
Delta R.T.: -0.013 min
Response: 397416
Conc: 0.51 ng/ml



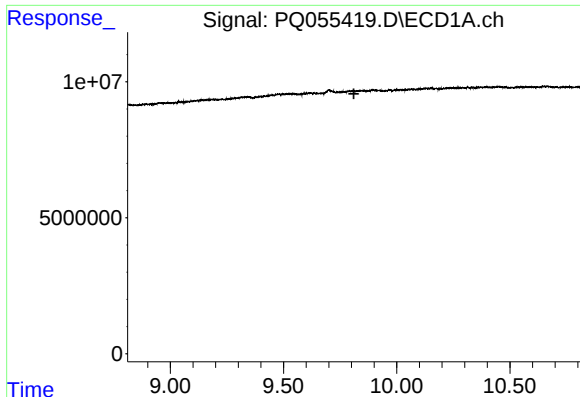
#40 AR-1262-5

R.T.: 10.645 min
Delta R.T.: 0.016 min
Response: 376567
Conc: 0.66 ng/ml



#40 AR-1262-5

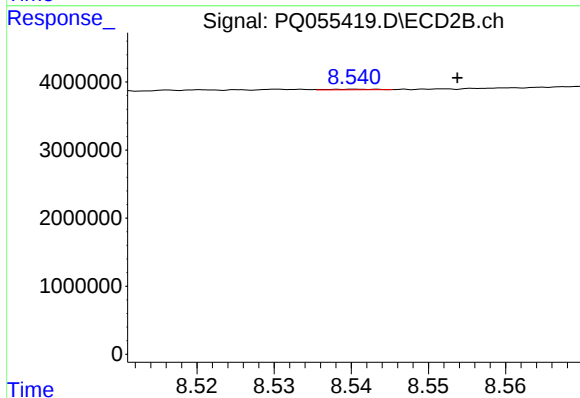
R.T.: 9.134 min
Delta R.T.: 0.001 min
Response: 741472
Conc: 2.13 ng/ml



#41 AR-1268-1

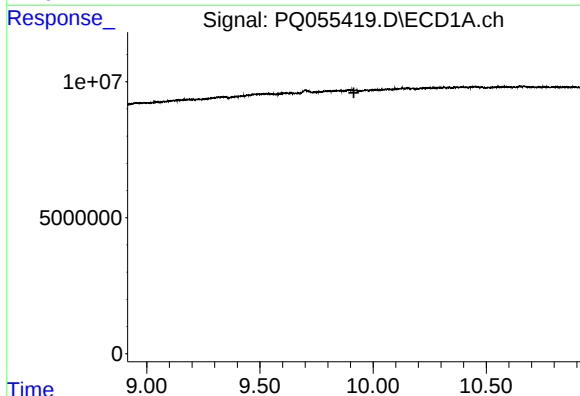
R.T.: 0.000 min
Exp R.T.: 9.811 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



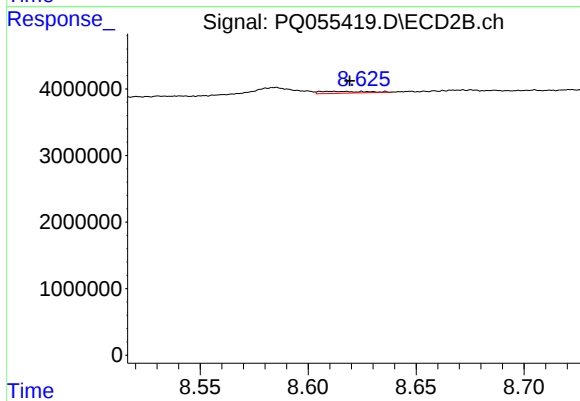
#41 AR-1268-1

R.T.: 8.541 min
Delta R.T.: -0.013 min
Response: 37022
Conc: 0.03 ng/ml



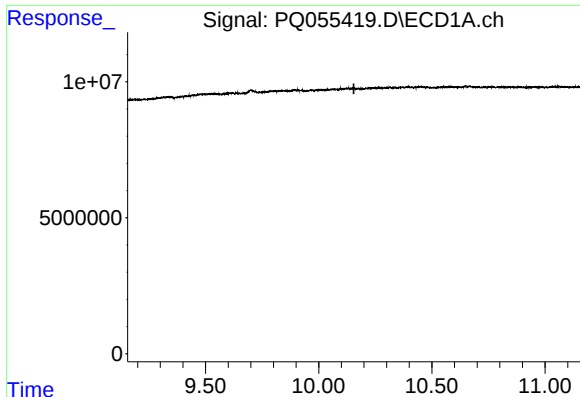
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.915 min
Response: 0
Conc: N.D.



#42 AR-1268-2

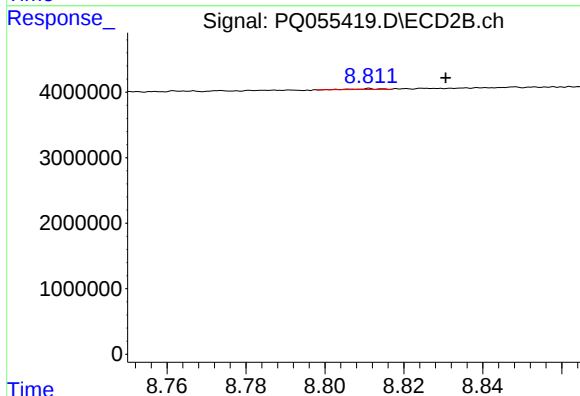
R.T.: 8.610 min
Delta R.T.: -0.009 min
Response: 397416
Conc: 0.33 ng/ml



#43 AR-1268-3

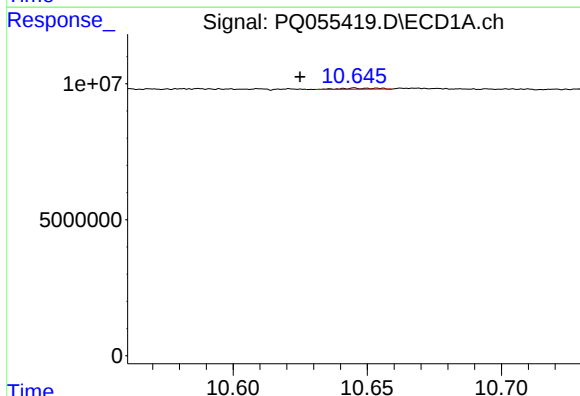
R.T.: 0.000 min
Exp R.T.: 10.156 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



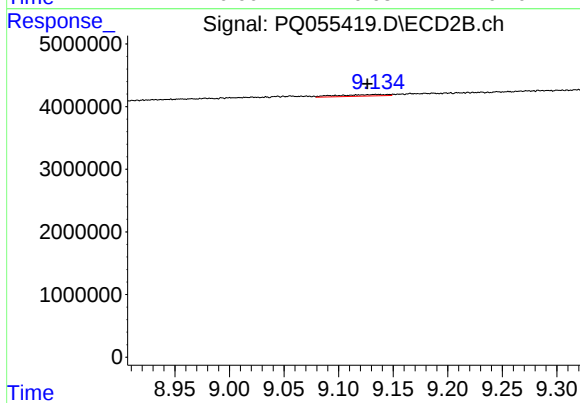
#43 AR-1268-3

R.T.: 8.812 min
Delta R.T.: -0.019 min
Response: 59788
Conc: 0.06 ng/ml



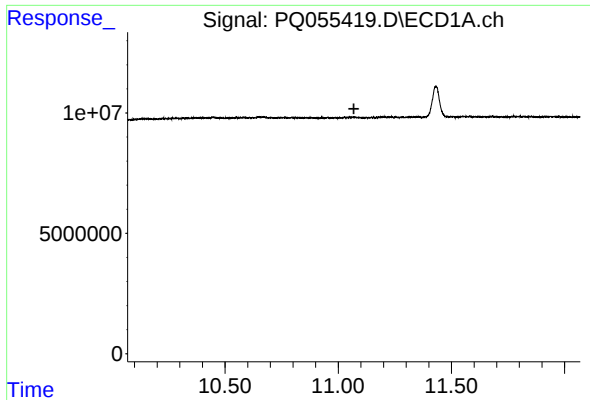
#44 AR-1268-4

R.T.: 10.645 min
Delta R.T.: 0.020 min
Response: 376567
Conc: 0.50 ng/ml



#44 AR-1268-4

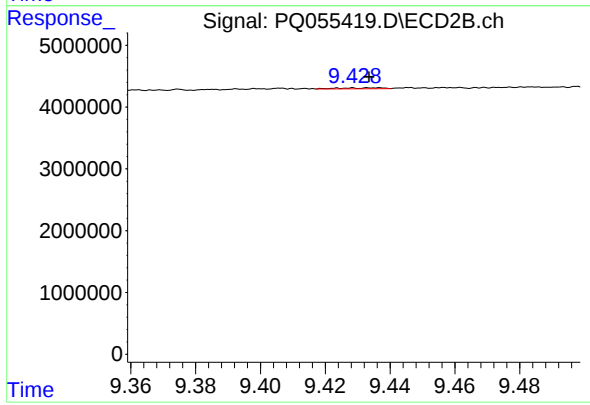
R.T.: 9.134 min
Delta R.T.: 0.007 min
Response: 741472
Conc: 1.77 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.069 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.429 min
Delta R.T.: -0.005 min
Response: 152434
Conc: 0.05 ng/ml