

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ120621\
 Data File : PQ055289.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Dec 2021 11:25
 Operator : AJ\MA
 Sample : M4927-04
 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 06 23:13:49 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 30 02:09:05 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...	5.245	4.316	400.5E6	252.8E6	22.780	24.584
2) SA Decachlor...	11.435	9.721	336.6E6	193.8E6	21.338	21.642
Target Compounds						
3) L1 AR-1016-1	0.000	5.623f	0	766118	N.D.	2.137 #
4) L1 AR-1016-2	0.000	5.623	0	766118	N.D.	1.488 #
5) L1 AR-1016-3	0.000	5.801	0	1661858	N.D.	6.206 #
6) L1 AR-1016-4	0.000	5.849	0	2837523	N.D.	13.081 #
7) L1 AR-1016-5	0.000	6.108	0	58635	N.D.	0.214 #
8) L2 AR-1221-1	5.497	4.570	53671841	1176067	257.468	10.904 #
9) L2 AR-1221-2	5.600	4.676	7676666	8285954	43.871	106.923 #
10) L2 AR-1221-3	0.000	4.771	0	6047993	N.D.	23.485 #
11) L3 AR-1232-1	0.000	4.771	0	6047993	N.D.	27.828 #
12) L3 AR-1232-2	6.284	5.623	13063886	766118	65.426	3.636 #
13) L3 AR-1232-3	0.000	5.801	0	1661858	N.D.	15.142 #
14) L3 AR-1232-4	0.000	5.899	0	1849525	N.D.	19.053 #
15) L3 AR-1232-5	0.000	6.108	0	58635	N.D.	0.569 #
16) L4 AR-1242-1	0.000	5.623f	0	766118	N.D.	2.876 #
17) L4 AR-1242-2	0.000	5.623	0	766118	N.D.	1.978 #
18) L4 AR-1242-3	0.000	5.801	0	1661858	N.D.	8.241 #
19) L4 AR-1242-4	0.000	5.899	0	1849525	N.D.	9.447 #
20) L4 AR-1242-5	0.000	6.473	0	4327045	N.D.	17.161 #
21) L5 AR-1248-1	0.000	5.623f	0	766118	N.D.	3.828 #
22) L5 AR-1248-2	0.000	5.849	0	2837523	N.D.	10.092 #
23) L5 AR-1248-3	0.000	5.899	0	1849525	N.D.	6.322 #
24) L5 AR-1248-4	7.487f	6.108	3530054	58635	5.817	0.168 #
26) L6 AR-1254-1	7.487	6.473	3530054	4327045	6.013	7.823 #
27) L6 AR-1254-2	0.000	6.627	0	1906319	N.D.	4.028 #
28) L6 AR-1254-3	0.000	7.053	0	2113834	N.D.	2.692 #
29) L6 AR-1254-4	0.000	7.290	0	624913	N.D.	1.310 #
30) L6 AR-1254-5	0.000	7.722	0	1948708	N.D.	2.913 #
31) L7 AR-1260-1	0.000	7.203	0	1798235	N.D.	3.588 #
32) L7 AR-1260-2	8.526	7.385	5203214	2829785	6.270	4.680 #
33) L7 AR-1260-3	0.000	7.533f	0	1034340	N.D.	1.811 #
34) L7 AR-1260-4	0.000	8.030	0	1645591	N.D.	3.473 #
35) L7 AR-1260-5	0.000	8.267	0	3566244	N.D.	3.088 #
36) L8 AR-1262-1	0.000	7.722	0	1948708	N.D.	5.729 #
37) L8 AR-1262-2	0.000	8.267f	0	3566244	N.D.	2.894 #
38) L8 AR-1262-3	0.000	8.573	0	3142805	N.D.	6.800 #
39) L8 AR-1262-4	0.000	8.633	0	1532911	N.D.	1.717 #
40) L8 AR-1262-5	0.000	9.160	0	301782	N.D.	0.751 #
41) L9 AR-1268-1	0.000	8.573	0	3142805	N.D.	2.221 #
42) L9 AR-1268-2	0.000	8.633	0	1532911	N.D.	1.176 #

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 Integration File signal 2: autoint2.e
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 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
43) L9	AR-1268-3	0.000	8.844	0	978363	N.D.	0.894 #
44) L9	AR-1268-4	0.000	9.160	0	301782	N.D.	0.668 #
45) L9	AR-1268-5	0.000	9.448	0	1391842	N.D.	0.394 #

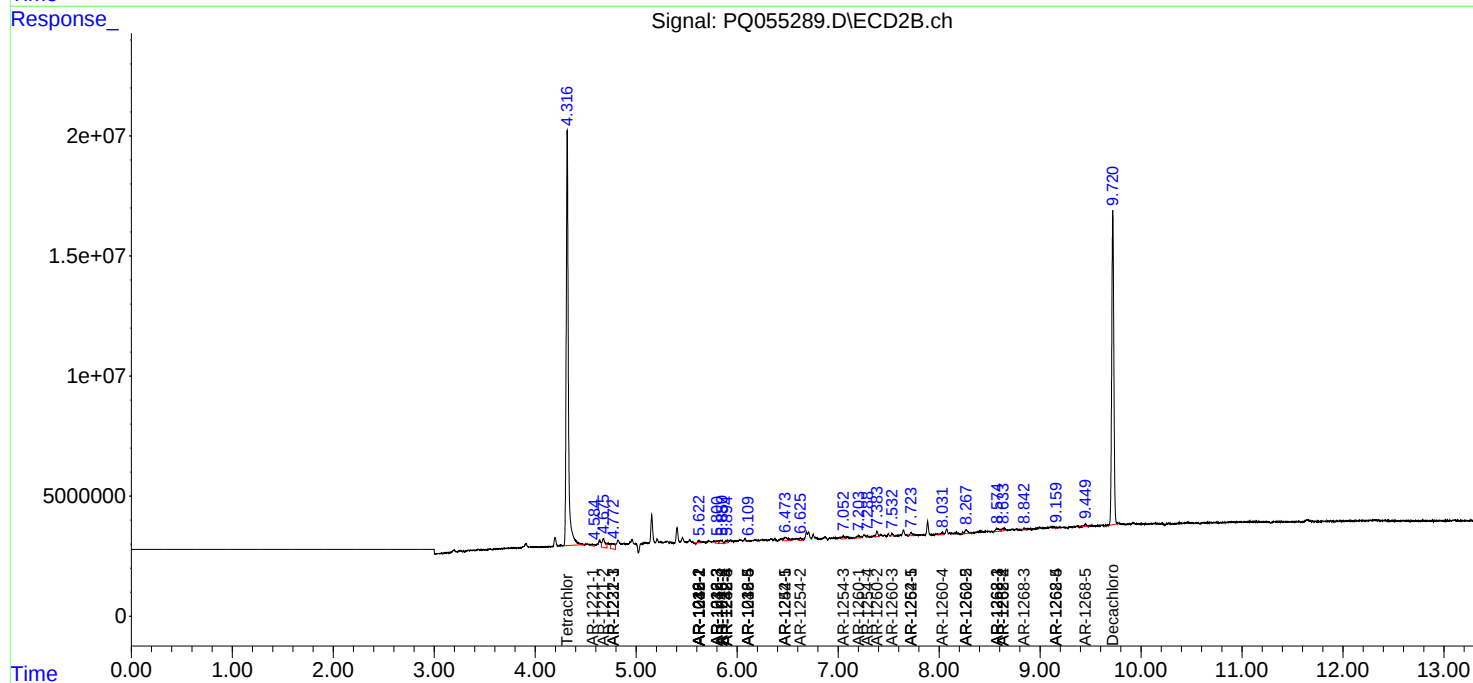
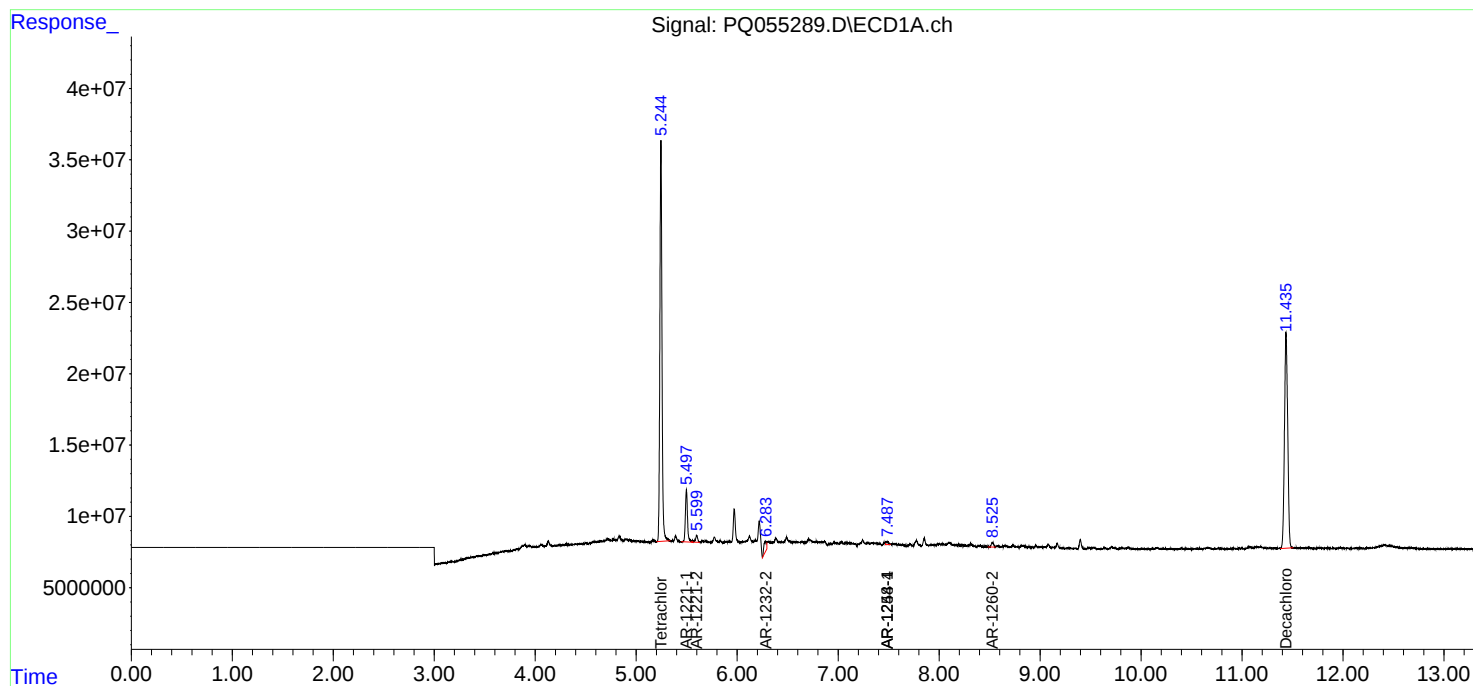
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

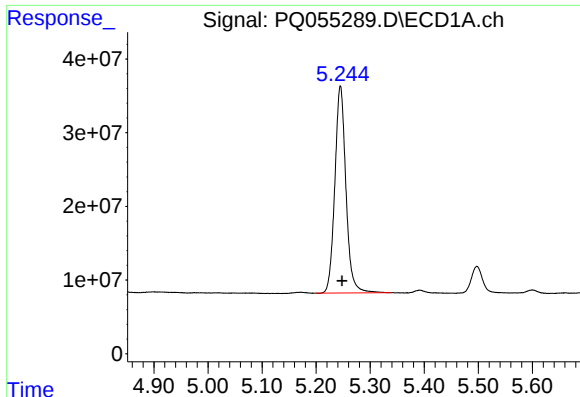
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ120621\
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

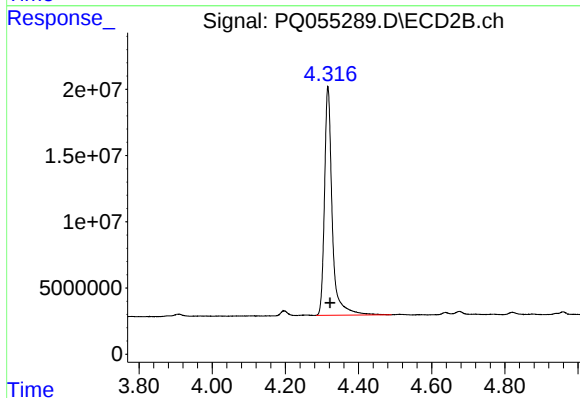




#1 Tetrachloro-m-xylene

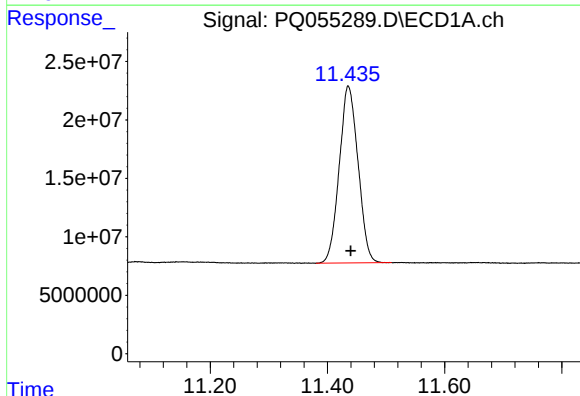
R.T.: 5.245 min
Delta R.T.: -0.003 min
Response: 400515830
Conc: 22.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



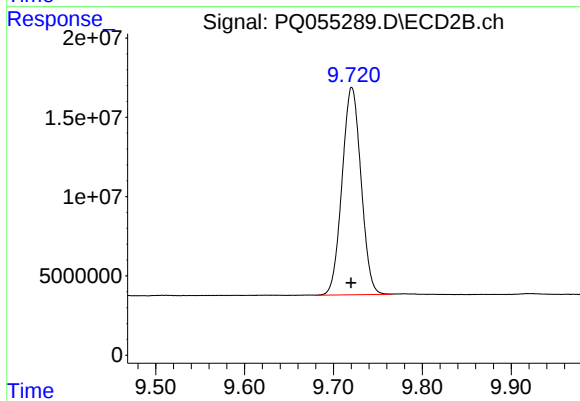
#1 Tetrachloro-m-xylene

R.T.: 4.316 min
Delta R.T.: -0.006 min
Response: 252810158
Conc: 24.58 ng/ml



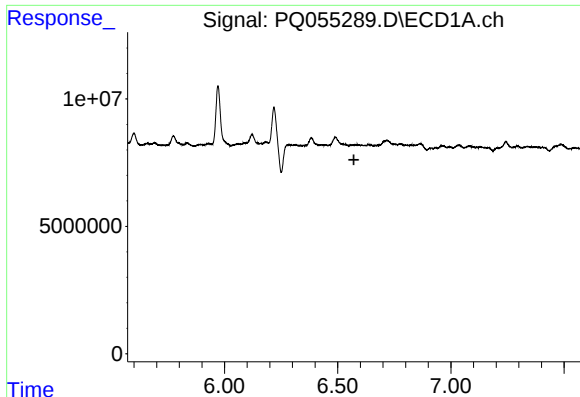
#2 Decachlorobiphenyl

R.T.: 11.435 min
Delta R.T.: -0.005 min
Response: 336558609
Conc: 21.34 ng/ml



#2 Decachlorobiphenyl

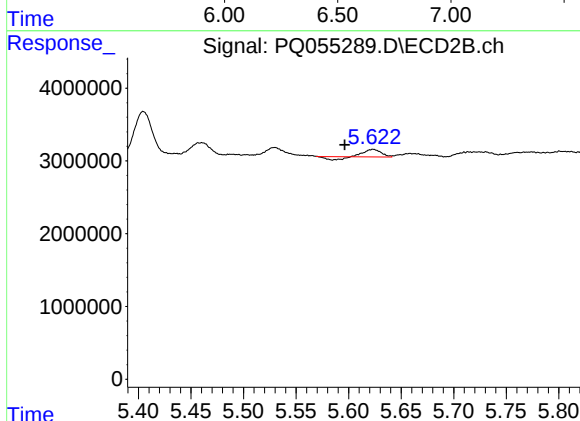
R.T.: 9.721 min
Delta R.T.: 0.000 min
Response: 193786134
Conc: 21.64 ng/ml



#3 AR-1016-1

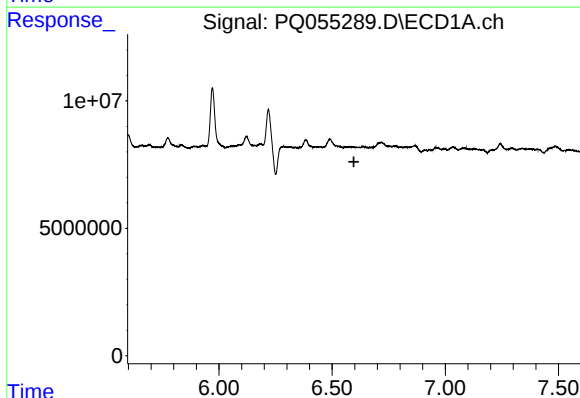
R.T.: 0.000 min
Exp R.T.: 6.572 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



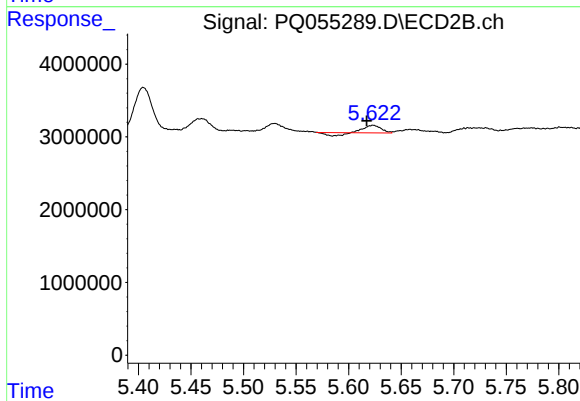
#3 AR-1016-1

R.T.: 5.623 min
Delta R.T.: 0.027 min
Response: 766118
Conc: 2.14 ng/ml



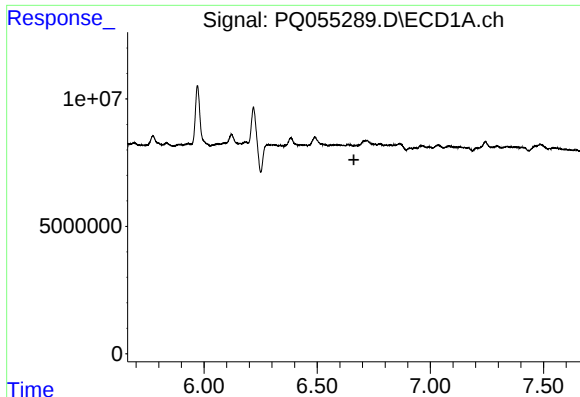
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.596 min
Response: 0
Conc: N.D.



#4 AR-1016-2

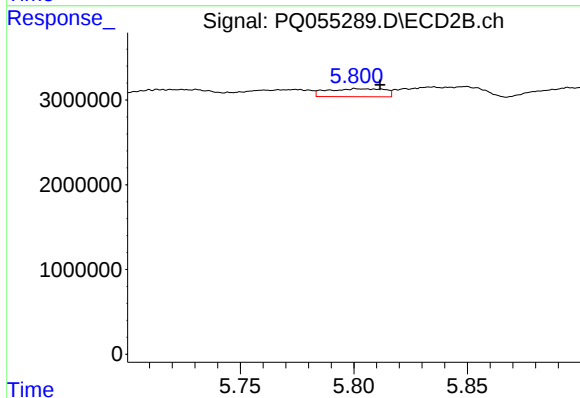
R.T.: 5.623 min
Delta R.T.: 0.006 min
Response: 766118
Conc: 1.49 ng/ml



#5 AR-1016-3

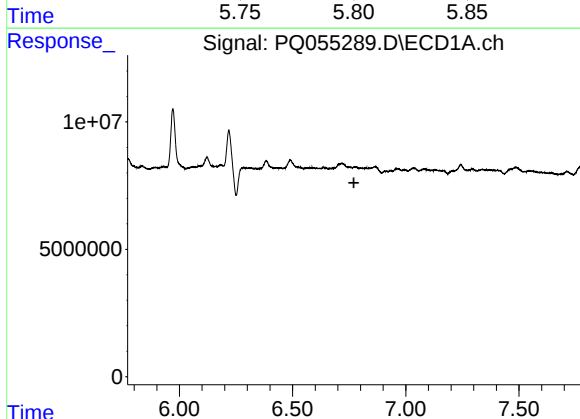
R.T.: 0.000 min
Exp R.T.: 6.662 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



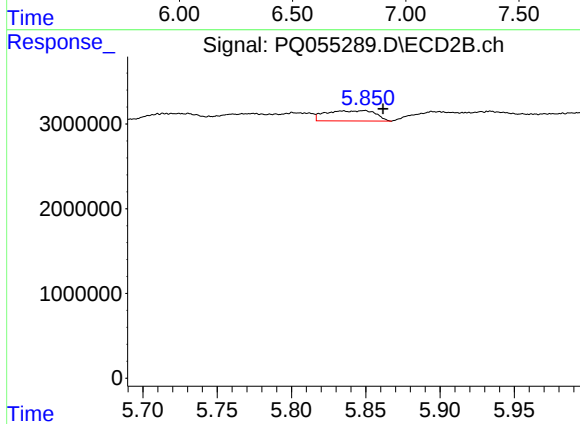
#5 AR-1016-3

R.T.: 5.801 min
Delta R.T.: -0.010 min
Response: 1661858
Conc: 6.21 ng/ml



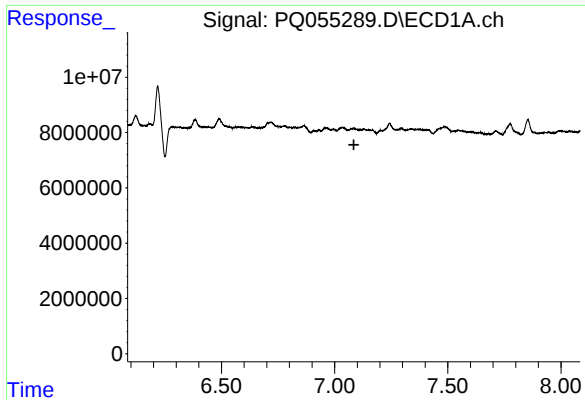
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.771 min
Response: 0
Conc: N.D.



#6 AR-1016-4

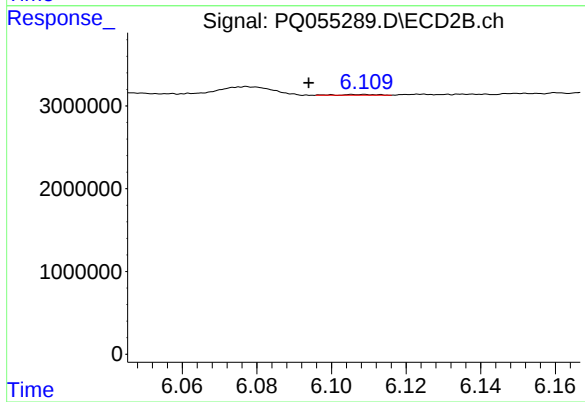
R.T.: 5.849 min
Delta R.T.: -0.013 min
Response: 2837523
Conc: 13.08 ng/ml



#7 AR-1016-5

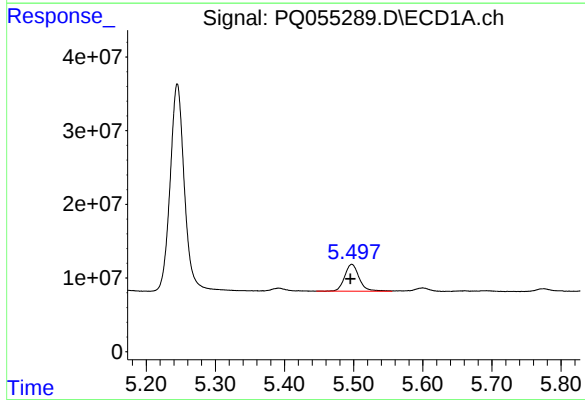
R.T.: 0.000 min
Exp R.T.: 7.085 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



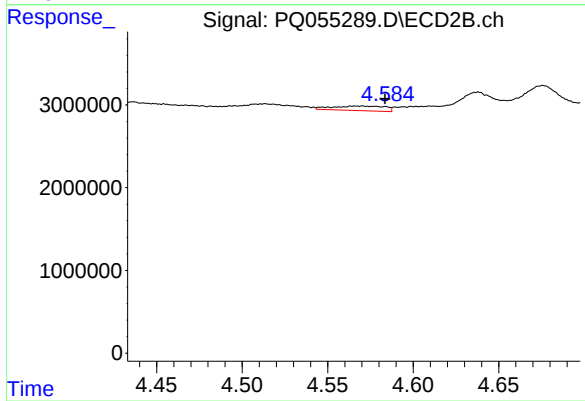
#7 AR-1016-5

R.T.: 6.108 min
Delta R.T.: 0.014 min
Response: 58635
Conc: 0.21 ng/ml



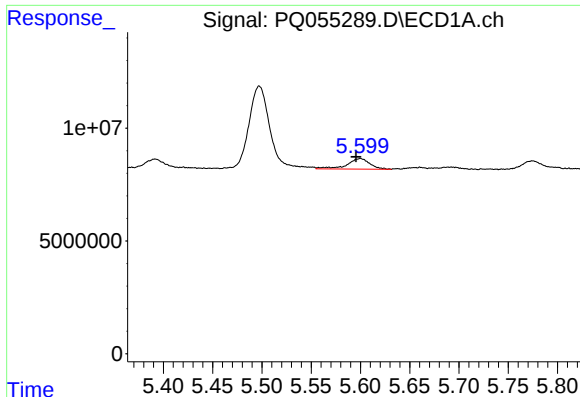
#8 AR-1221-1

R.T.: 5.497 min
Delta R.T.: 0.002 min
Response: 53671841
Conc: 257.47 ng/ml



#8 AR-1221-1

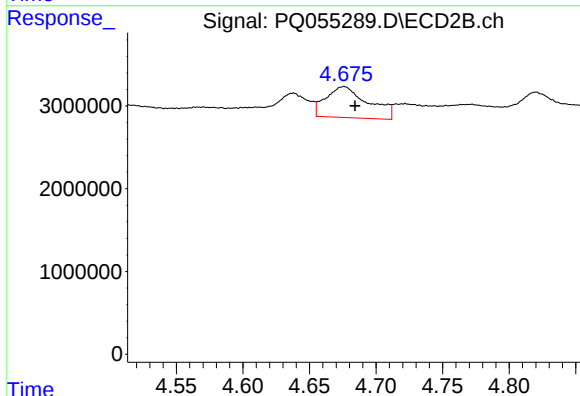
R.T.: 4.570 min
Delta R.T.: -0.013 min
Response: 1176067
Conc: 10.90 ng/ml



#9 AR-1221-2

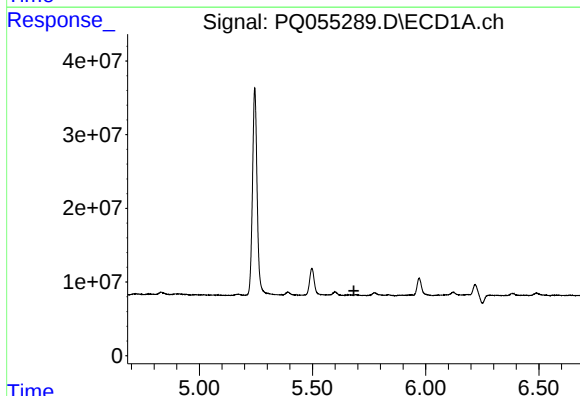
R.T.: 5.600 min
Delta R.T.: 0.005 min
Response: 7676666
Conc: 43.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



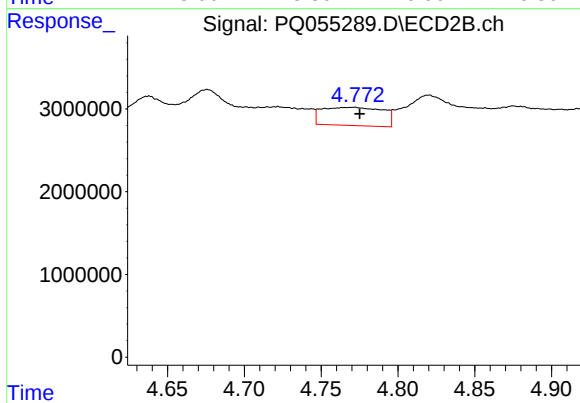
#9 AR-1221-2

R.T.: 4.676 min
Delta R.T.: -0.008 min
Response: 8285954
Conc: 106.92 ng/ml



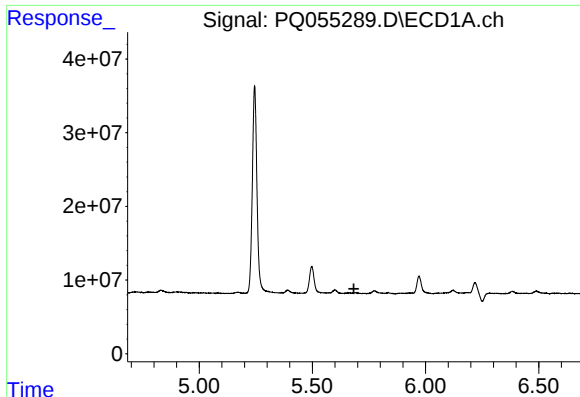
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.683 min
Response: 0
Conc: N.D.



#10 AR-1221-3

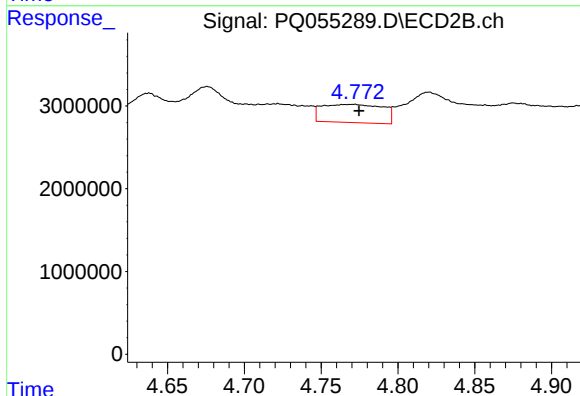
R.T.: 4.771 min
Delta R.T.: -0.004 min
Response: 6047993
Conc: 23.48 ng/ml



#11 AR-1232-1

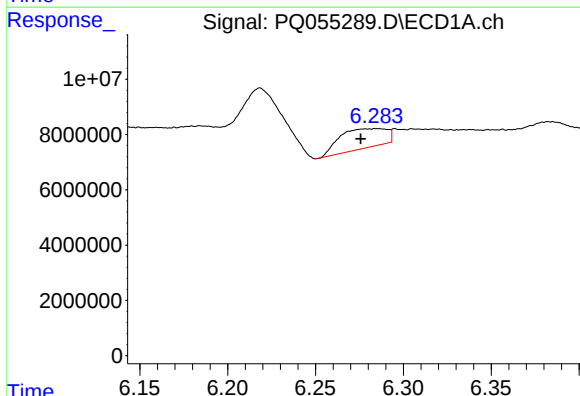
R.T.: 0.000 min
Exp R.T.: 5.683 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



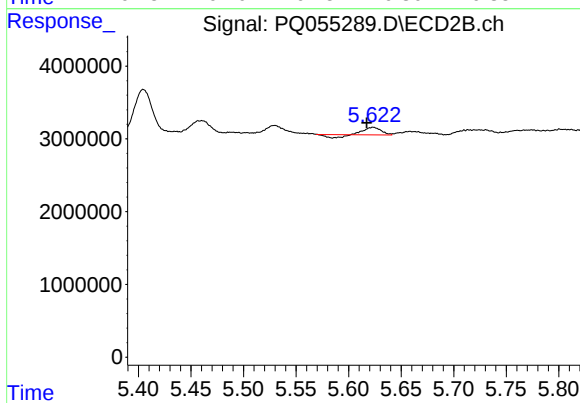
#11 AR-1232-1

R.T.: 4.771 min
Delta R.T.: -0.004 min
Response: 6047993
Conc: 27.83 ng/ml



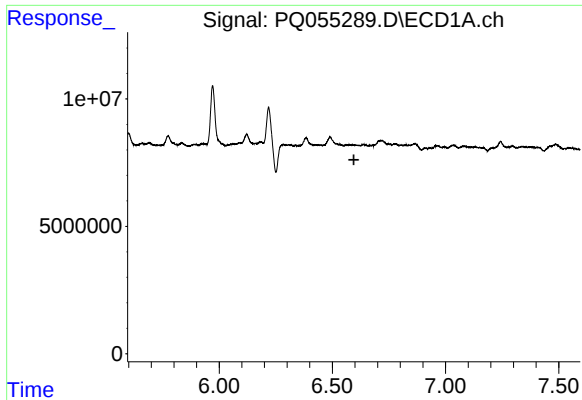
#12 AR-1232-2

R.T.: 6.284 min
Delta R.T.: 0.009 min
Response: 13063886
Conc: 65.43 ng/ml



#12 AR-1232-2

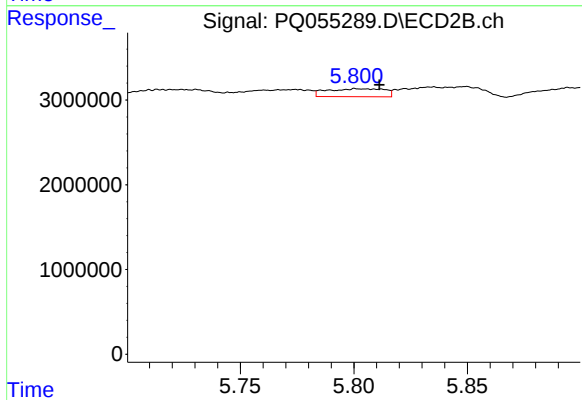
R.T.: 5.623 min
Delta R.T.: 0.006 min
Response: 766118
Conc: 3.64 ng/ml



#13 AR-1232-3

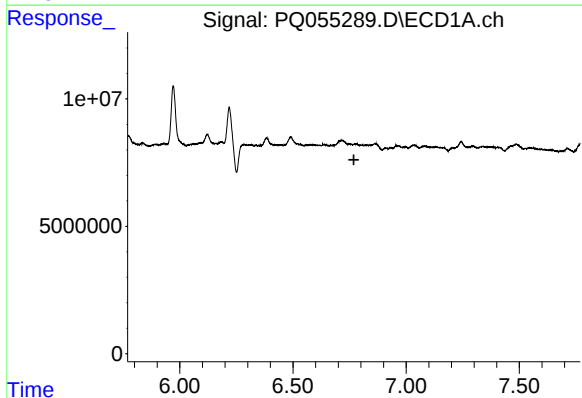
R.T.: 0.000 min
Exp R.T.: 6.595 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



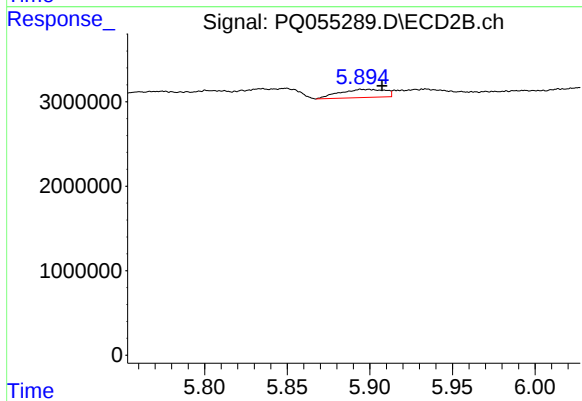
#13 AR-1232-3

R.T.: 5.801 min
Delta R.T.: -0.010 min
Response: 1661858
Conc: 15.14 ng/ml



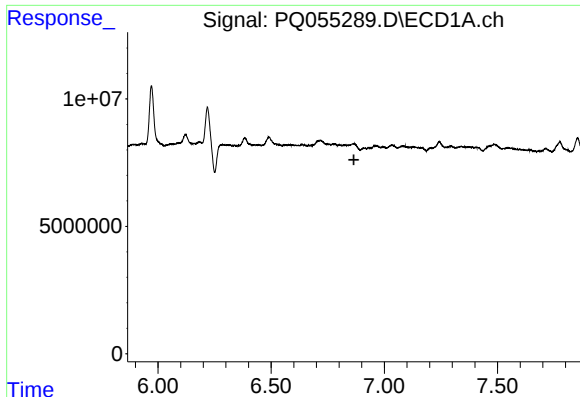
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 6.769 min
Response: 0
Conc: N.D.



#14 AR-1232-4

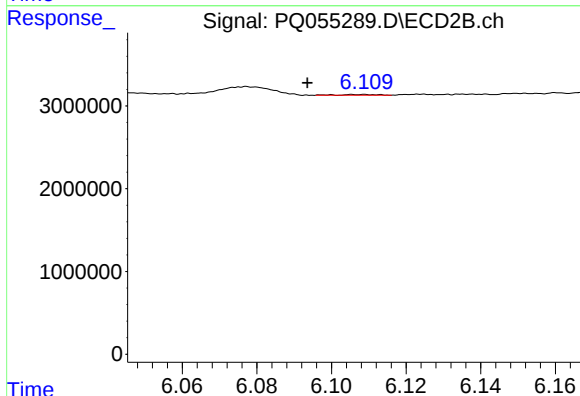
R.T.: 5.899 min
Delta R.T.: -0.008 min
Response: 1849525
Conc: 19.05 ng/ml



#15 AR-1232-5

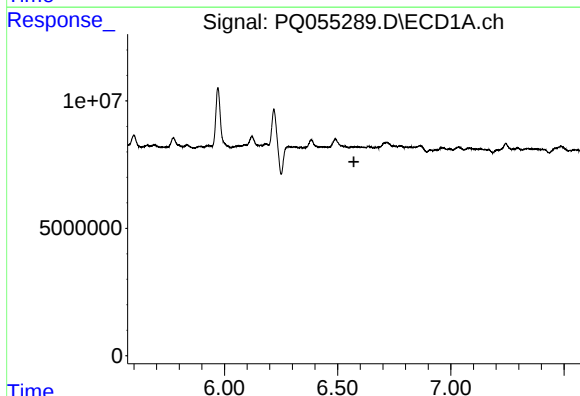
R.T.: 0.000 min
Exp R.T.: 6.865 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



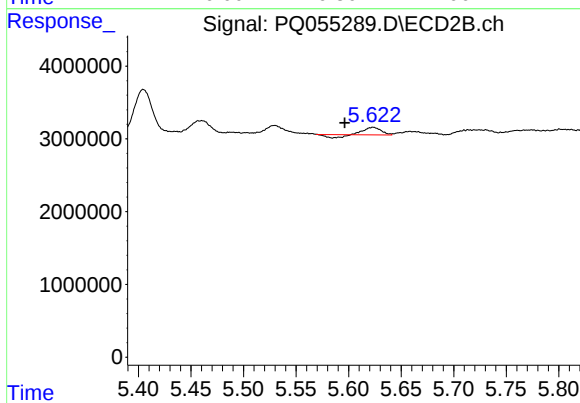
#15 AR-1232-5

R.T.: 6.108 min
Delta R.T.: 0.015 min
Response: 58635
Conc: 0.57 ng/ml



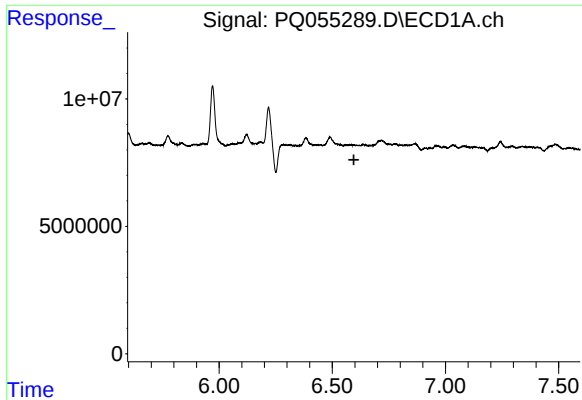
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 6.572 min
Response: 0
Conc: N.D.



#16 AR-1242-1

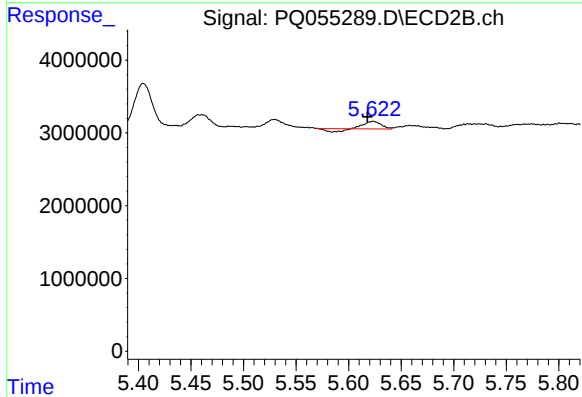
R.T.: 5.623 min
Delta R.T.: 0.027 min
Response: 766118
Conc: 2.88 ng/ml



#17 AR-1242-2

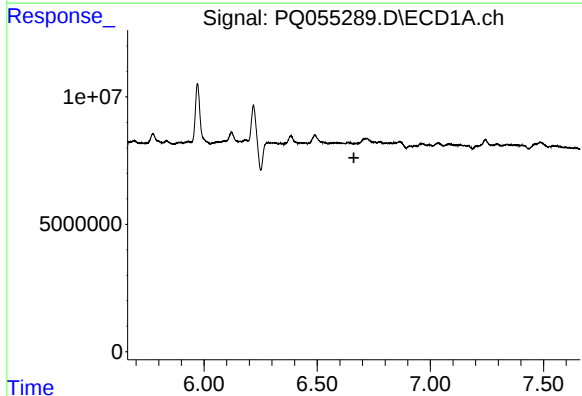
R.T.: 0.000 min
Exp R.T.: 6.596 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



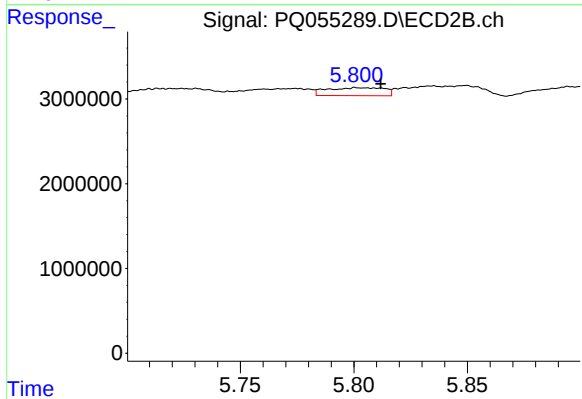
#17 AR-1242-2

R.T.: 5.623 min
Delta R.T.: 0.005 min
Response: 766118
Conc: 1.98 ng/ml



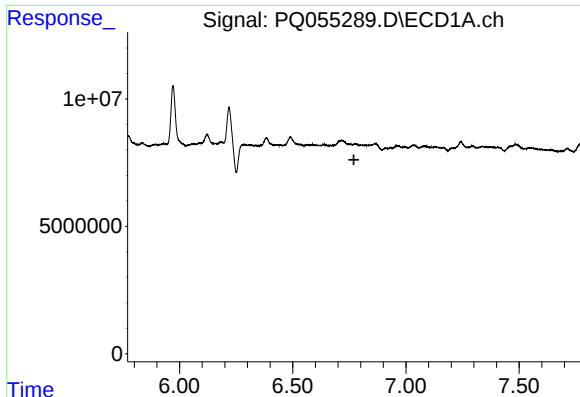
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 6.662 min
Response: 0
Conc: N.D.



#18 AR-1242-3

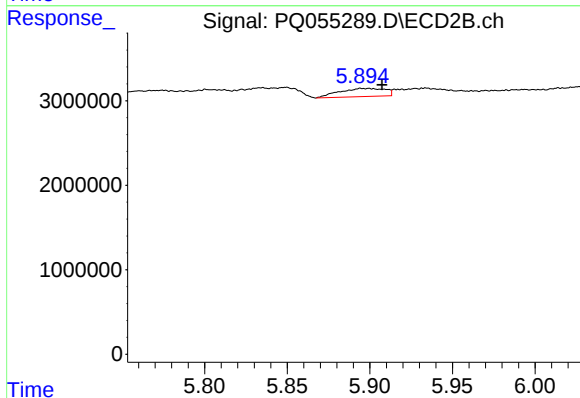
R.T.: 5.801 min
Delta R.T.: -0.010 min
Response: 1661858
Conc: 8.24 ng/ml



#19 AR-1242-4

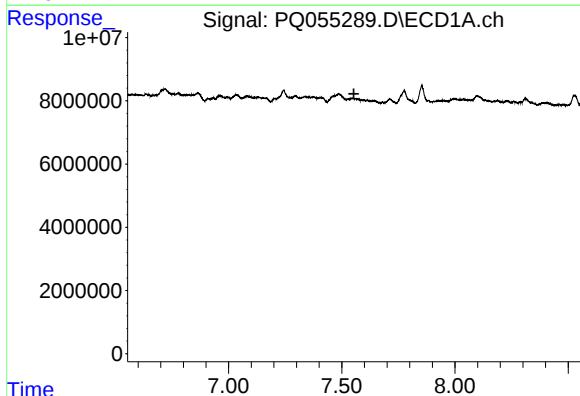
R.T.: 0.000 min
Exp R.T.: 6.770 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



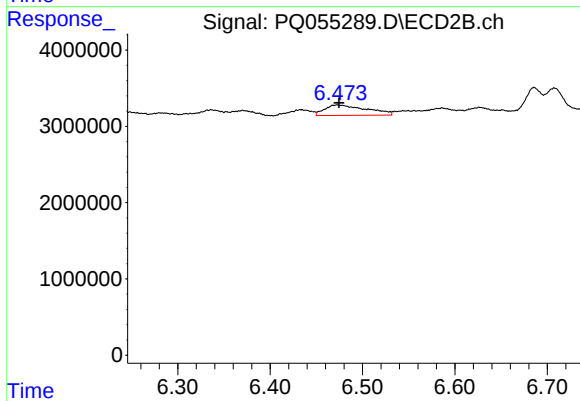
#19 AR-1242-4

R.T.: 5.899 min
Delta R.T.: -0.008 min
Response: 1849525
Conc: 9.45 ng/ml



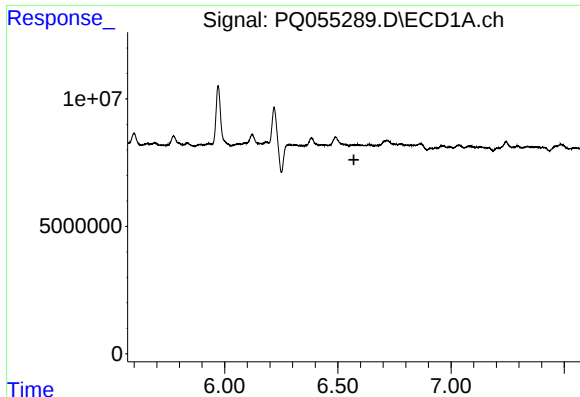
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 7.554 min
Response: 0
Conc: N.D.



#20 AR-1242-5

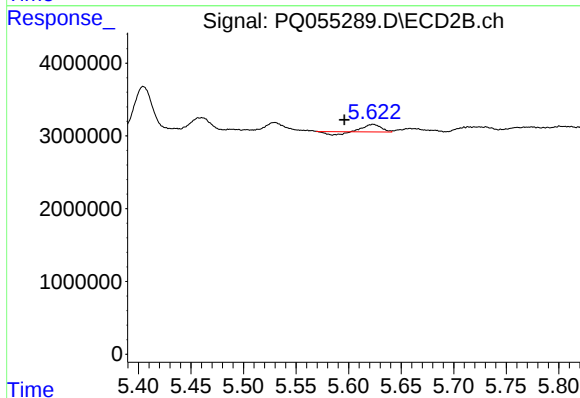
R.T.: 6.473 min
Delta R.T.: -0.002 min
Response: 4327045
Conc: 17.16 ng/ml



#21 AR-1248-1

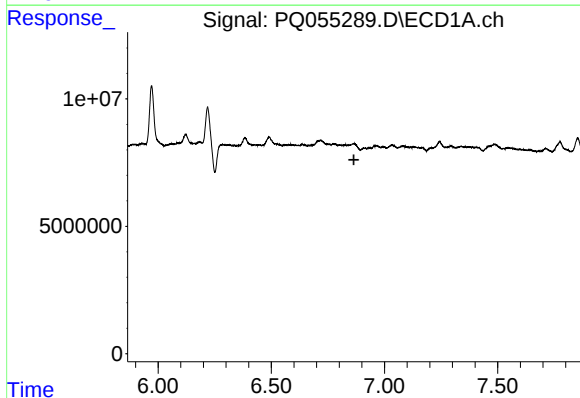
R.T.: 0.000 min
Exp R.T.: 6.571 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



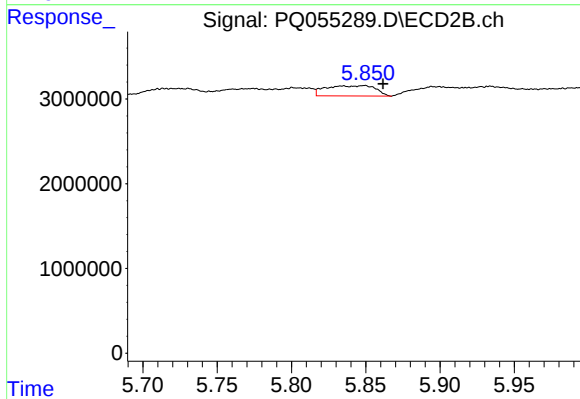
#21 AR-1248-1

R.T.: 5.623 min
Delta R.T.: 0.027 min
Response: 766118
Conc: 3.83 ng/ml



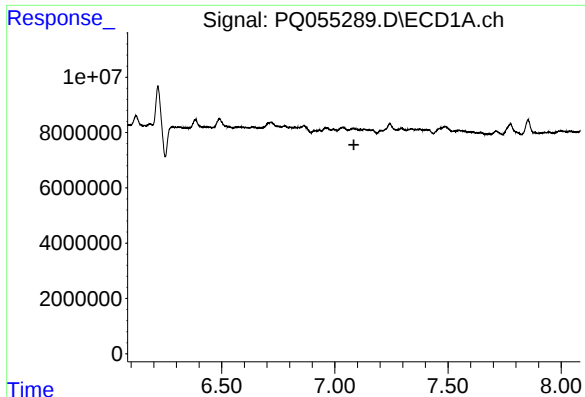
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 6.865 min
Response: 0
Conc: N.D.



#22 AR-1248-2

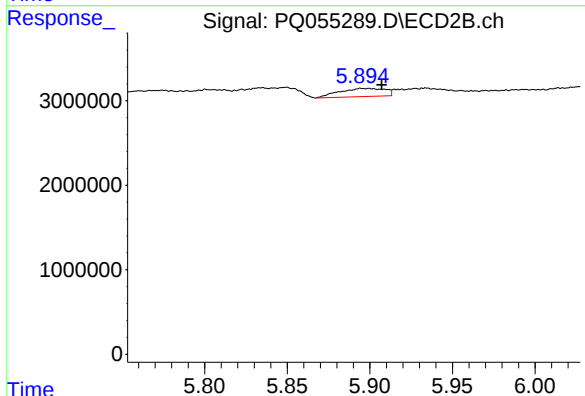
R.T.: 5.849 min
Delta R.T.: -0.013 min
Response: 2837523
Conc: 10.09 ng/ml



#23 AR-1248-3

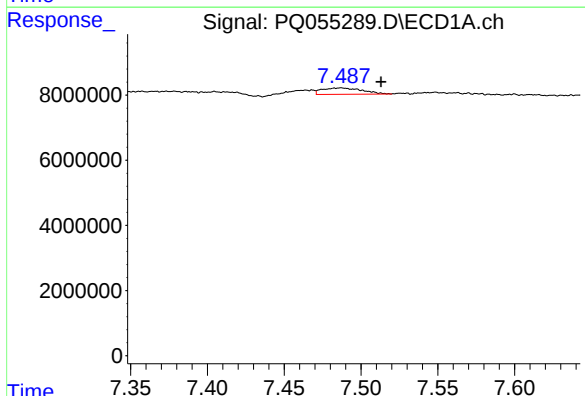
R.T.: 0.000 min
Exp R.T.: 7.084 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



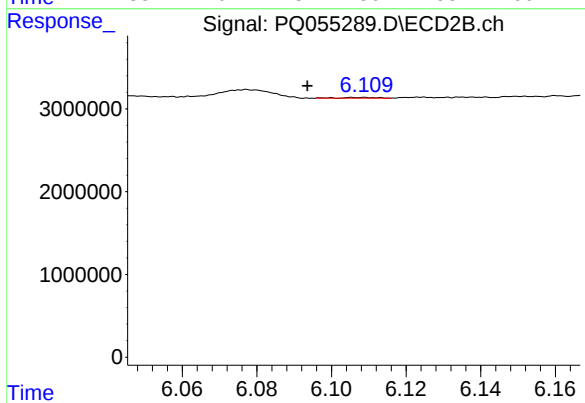
#23 AR-1248-3

R.T.: 5.899 min
Delta R.T.: -0.008 min
Response: 1849525
Conc: 6.32 ng/ml



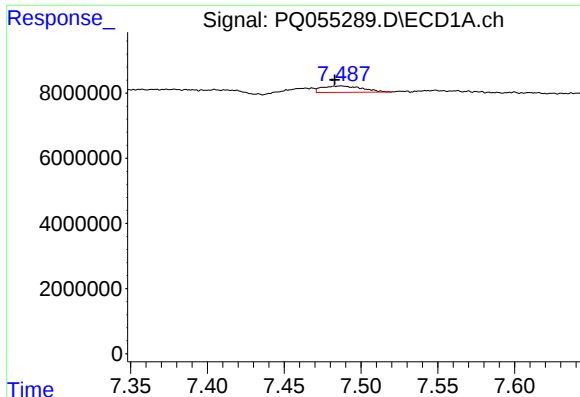
#24 AR-1248-4

R.T.: 7.487 min
Delta R.T.: -0.026 min
Response: 3530054
Conc: 5.82 ng/ml



#24 AR-1248-4

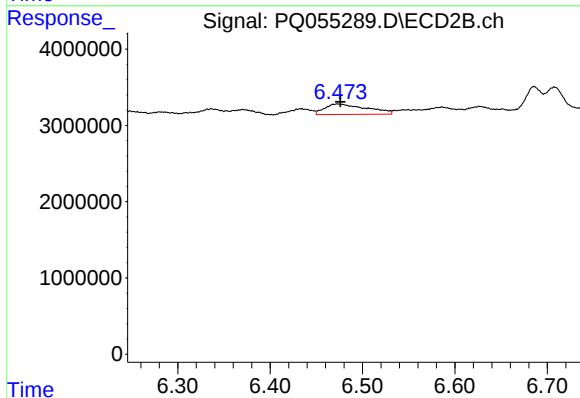
R.T.: 6.108 min
Delta R.T.: 0.015 min
Response: 58635
Conc: 0.17 ng/ml



#26 AR-1254-1

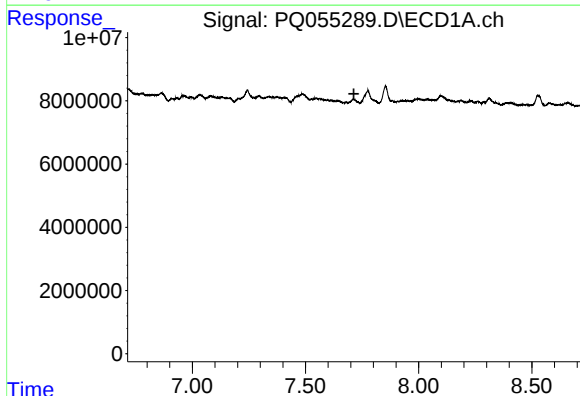
R.T.: 7.487 min
Delta R.T.: 0.004 min
Response: 3530054
Conc: 6.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



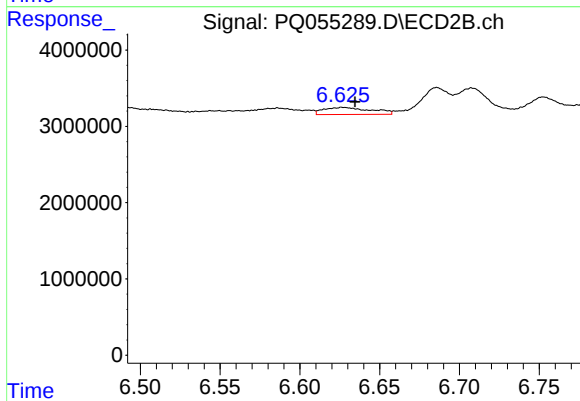
#26 AR-1254-1

R.T.: 6.473 min
Delta R.T.: -0.003 min
Response: 4327045
Conc: 7.82 ng/ml



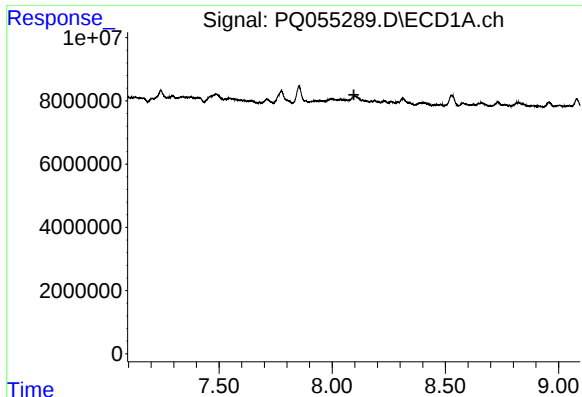
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 7.714 min
Response: 0
Conc: N.D.



#27 AR-1254-2

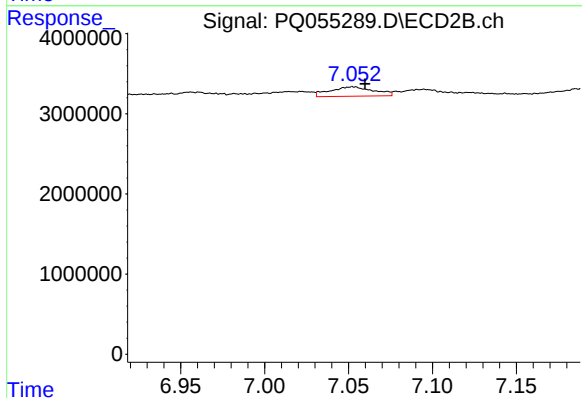
R.T.: 6.627 min
Delta R.T.: -0.008 min
Response: 1906319
Conc: 4.03 ng/ml



#28 AR-1254-3

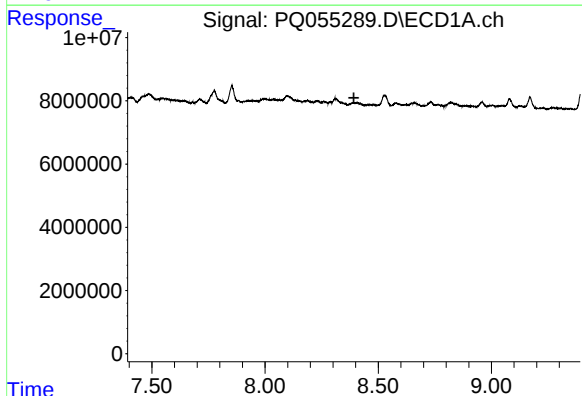
R.T.: 0.000 min
Exp R.T.: 8.096 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



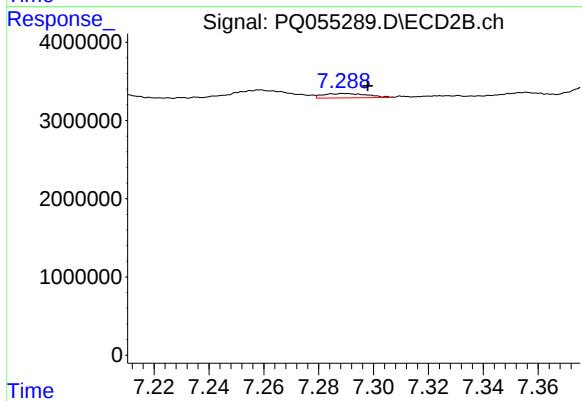
#28 AR-1254-3

R.T.: 7.053 min
Delta R.T.: -0.007 min
Response: 2113834
Conc: 2.69 ng/ml



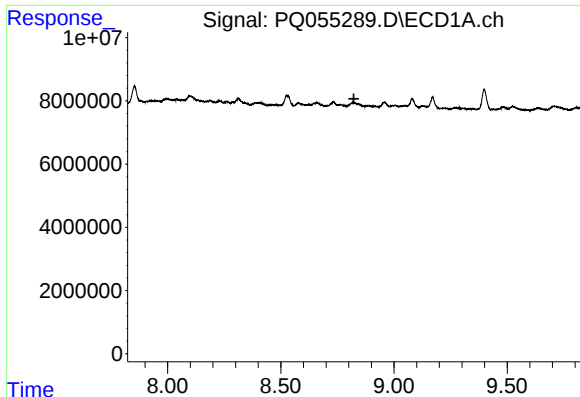
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T.: 8.392 min
Response: 0
Conc: N.D.



#29 AR-1254-4

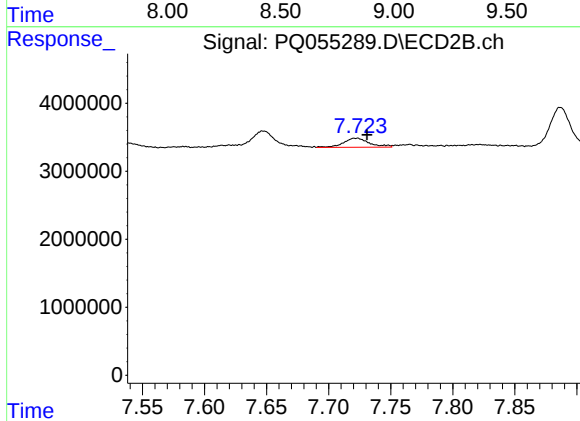
R.T.: 7.290 min
Delta R.T.: -0.008 min
Response: 624913
Conc: 1.31 ng/ml



#30 AR-1254-5

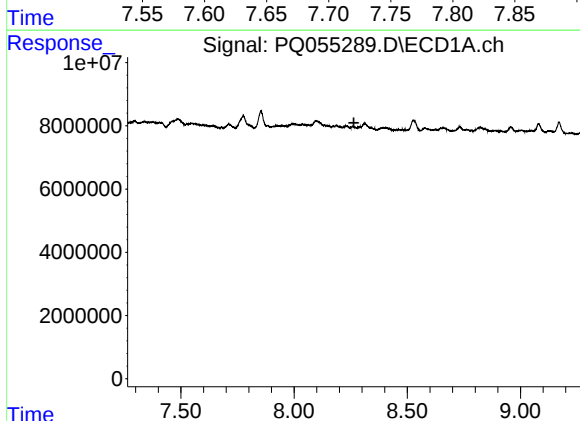
R.T.: 0.000 min
Exp R.T.: 8.823 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



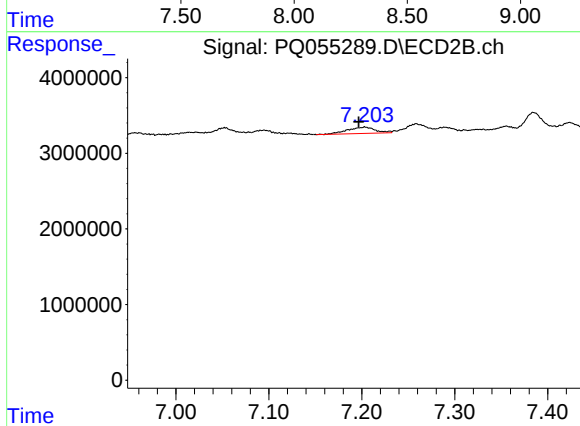
#30 AR-1254-5

R.T.: 7.722 min
Delta R.T.: -0.009 min
Response: 1948708
Conc: 2.91 ng/ml



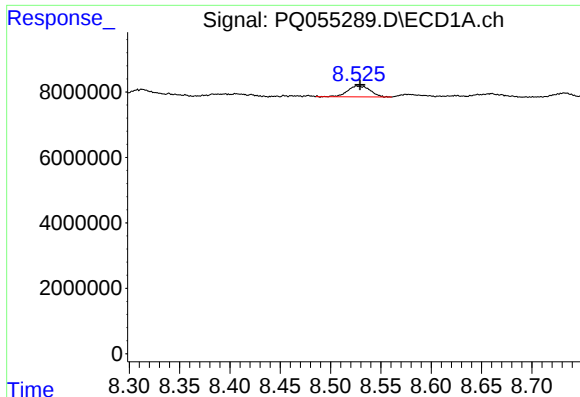
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T.: 8.264 min
Response: 0
Conc: N.D.



#31 AR-1260-1

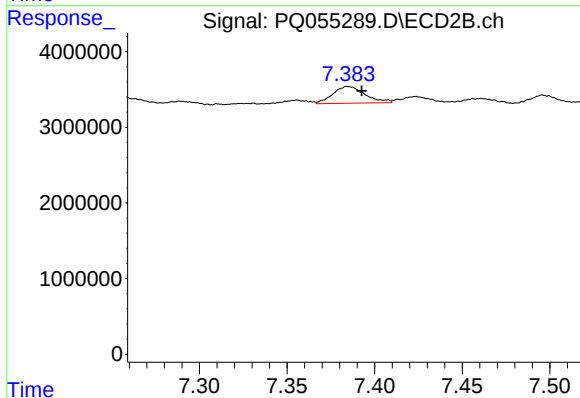
R.T.: 7.203 min
Delta R.T.: 0.006 min
Response: 1798235
Conc: 3.59 ng/ml



#32 AR-1260-2

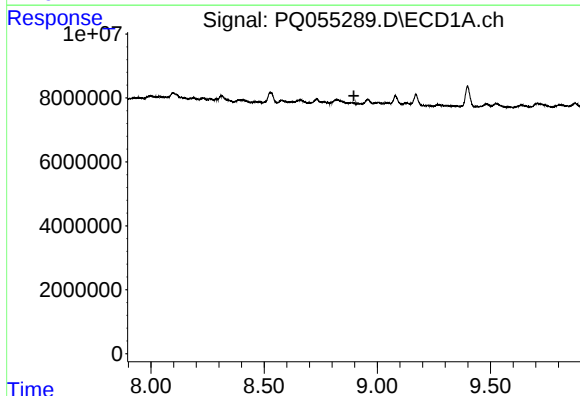
R.T.: 8.526 min
Delta R.T.: -0.003 min
Response: 5203214
Conc: 6.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



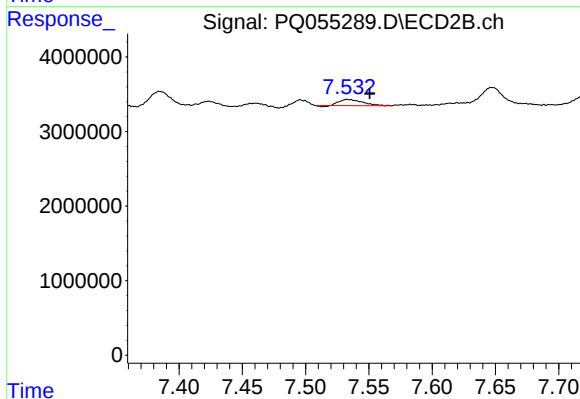
#32 AR-1260-2

R.T.: 7.385 min
Delta R.T.: -0.008 min
Response: 2829785
Conc: 4.68 ng/ml



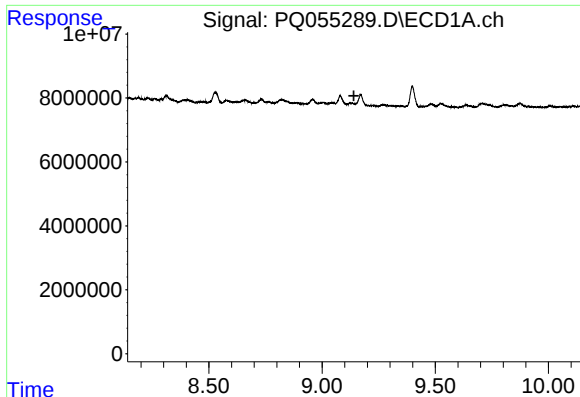
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 8.897 min
Response: 0
Conc: N.D.



#33 AR-1260-3

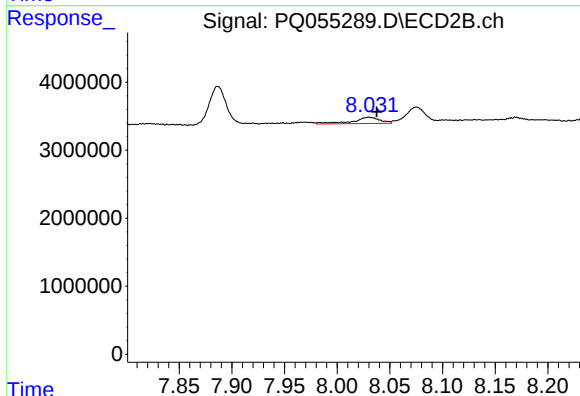
R.T.: 7.533 min
Delta R.T.: -0.018 min
Response: 1034340
Conc: 1.81 ng/ml



#34 AR-1260-4

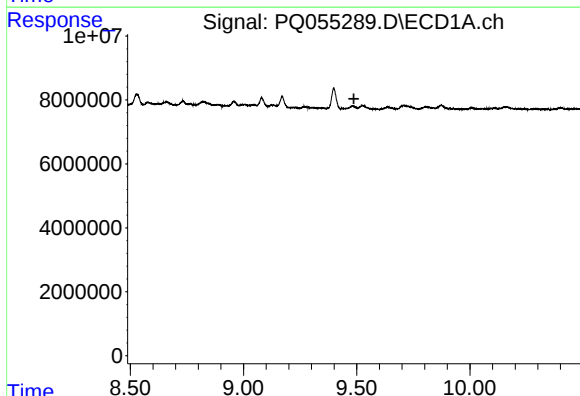
R.T.: 0.000 min
Exp R.T.: 9.140 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



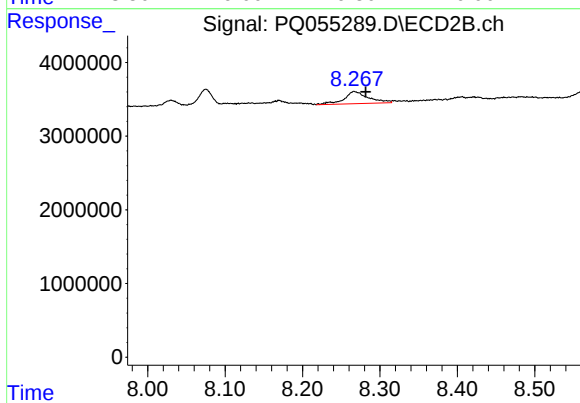
#34 AR-1260-4

R.T.: 8.030 min
Delta R.T.: -0.007 min
Response: 1645591
Conc: 3.47 ng/ml



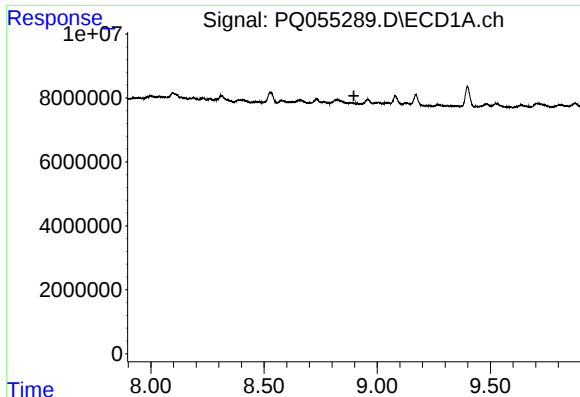
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 9.488 min
Response: 0
Conc: N.D.



#35 AR-1260-5

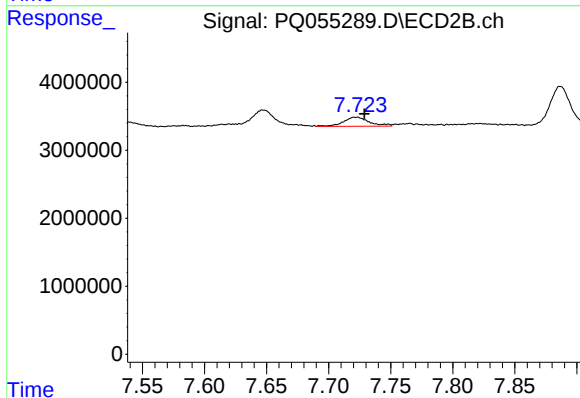
R.T.: 8.267 min
Delta R.T.: -0.015 min
Response: 3566244
Conc: 3.09 ng/ml



#36 AR-1262-1

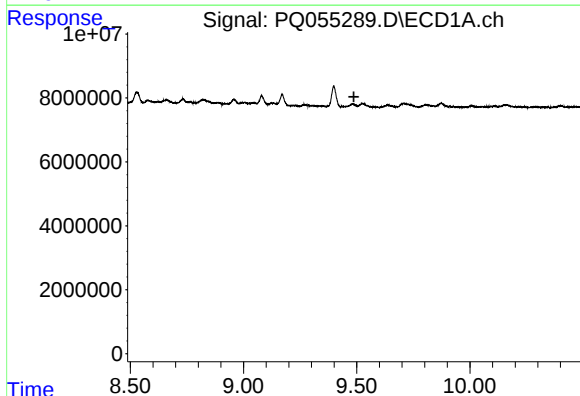
R.T.: 0.000 min
Exp R.T.: 8.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



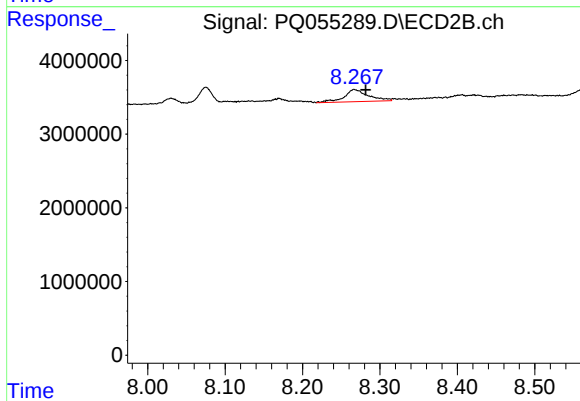
#36 AR-1262-1

R.T.: 7.722 min
Delta R.T.: -0.007 min
Response: 1948708
Conc: 5.73 ng/ml



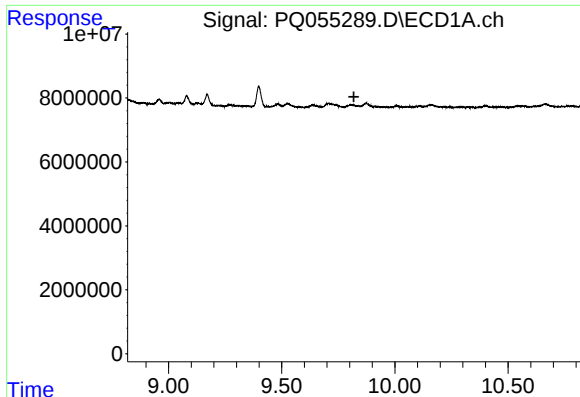
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 9.487 min
Response: 0
Conc: N.D.



#37 AR-1262-2

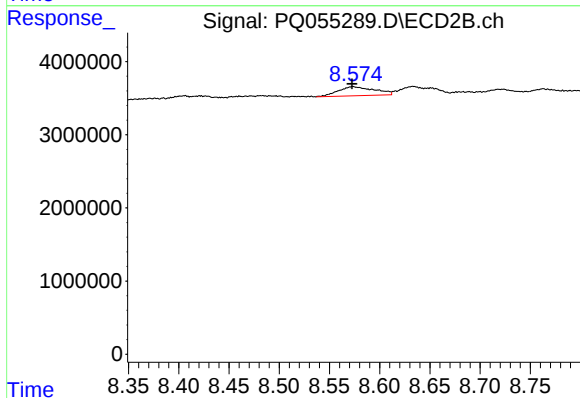
R.T.: 8.267 min
Delta R.T.: -0.015 min
Response: 3566244
Conc: 2.89 ng/ml



#38 AR-1262-3

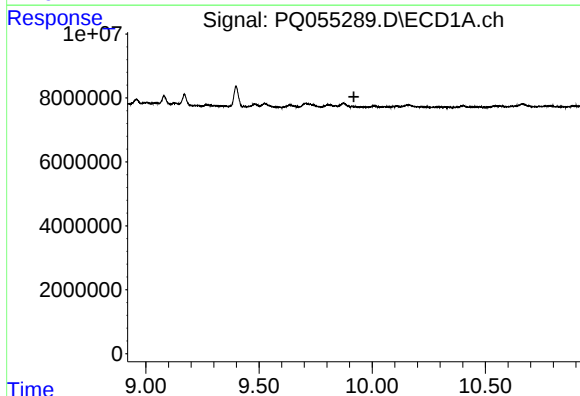
R.T.: 0.000 min
Exp R.T.: 9.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



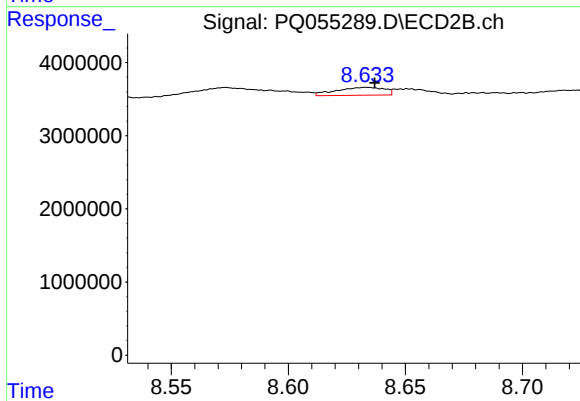
#38 AR-1262-3

R.T.: 8.573 min
Delta R.T.: 0.000 min
Response: 3142805
Conc: 6.80 ng/ml



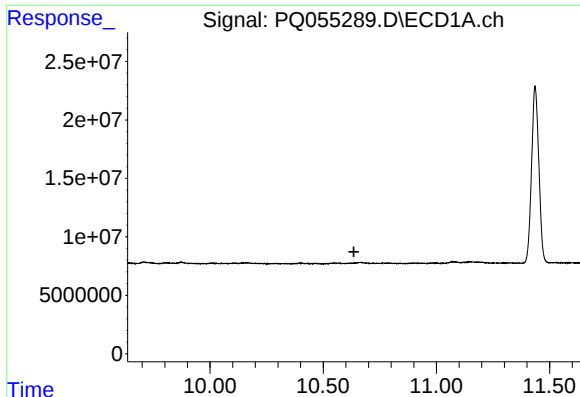
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 9.919 min
Response: 0
Conc: N.D.



#39 AR-1262-4

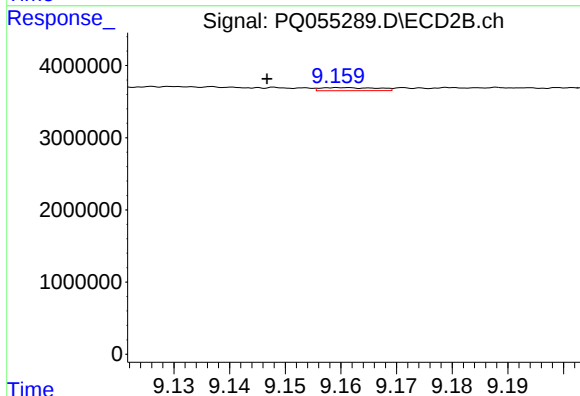
R.T.: 8.633 min
Delta R.T.: -0.004 min
Response: 1532911
Conc: 1.72 ng/ml



#40 AR-1262-5

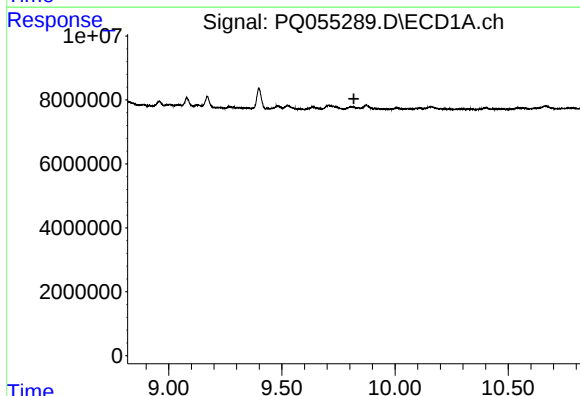
R.T.: 0.000 min
Exp R.T.: 10.635 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



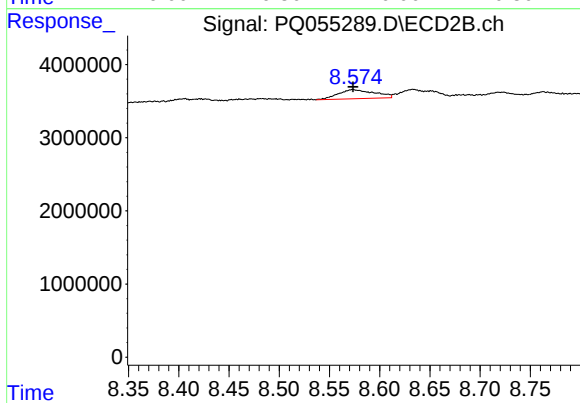
#40 AR-1262-5

R.T.: 9.160 min
Delta R.T.: 0.013 min
Response: 301782
Conc: 0.75 ng/ml



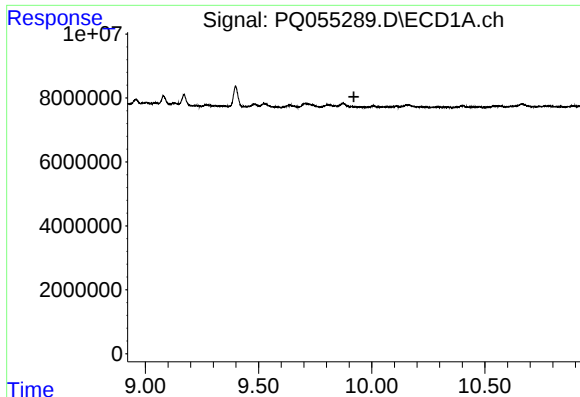
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 9.818 min
Response: 0
Conc: N.D.



#41 AR-1268-1

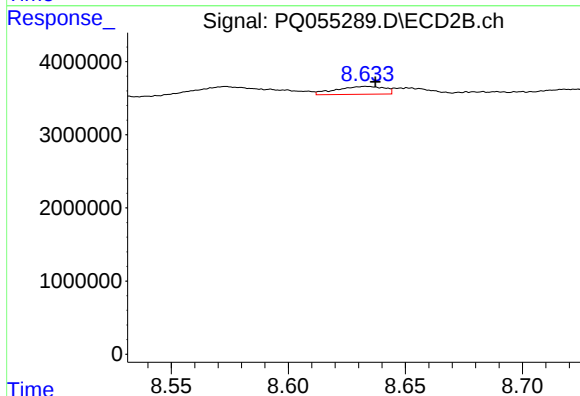
R.T.: 8.573 min
Delta R.T.: 0.000 min
Response: 3142805
Conc: 2.22 ng/ml



#42 AR-1268-2

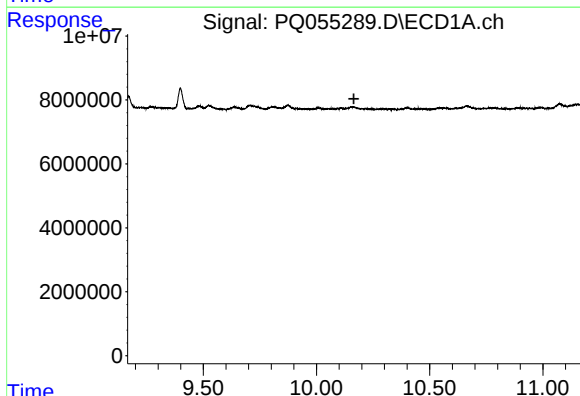
R.T.: 0.000 min
Exp R.T.: 9.921 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



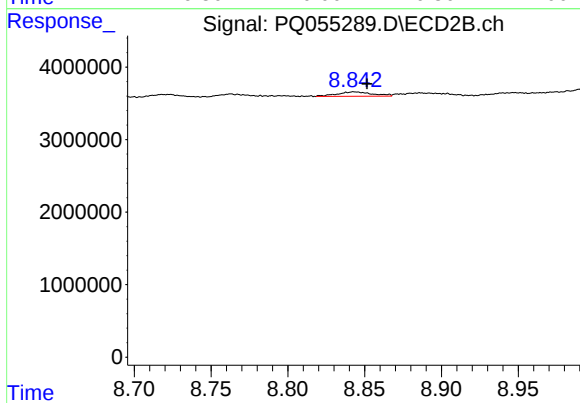
#42 AR-1268-2

R.T.: 8.633 min
Delta R.T.: -0.004 min
Response: 1532911
Conc: 1.18 ng/ml



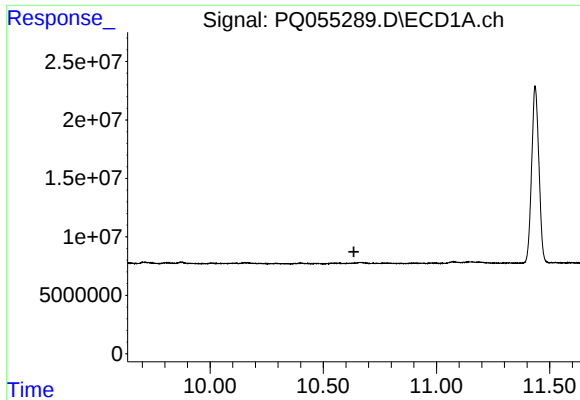
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 10.165 min
Response: 0
Conc: N.D.



#43 AR-1268-3

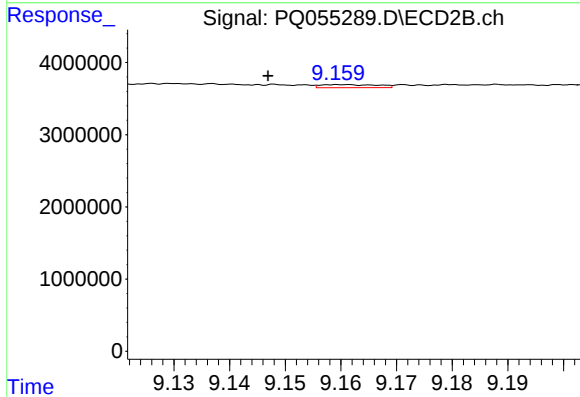
R.T.: 8.844 min
Delta R.T.: -0.008 min
Response: 978363
Conc: 0.89 ng/ml



#44 AR-1268-4

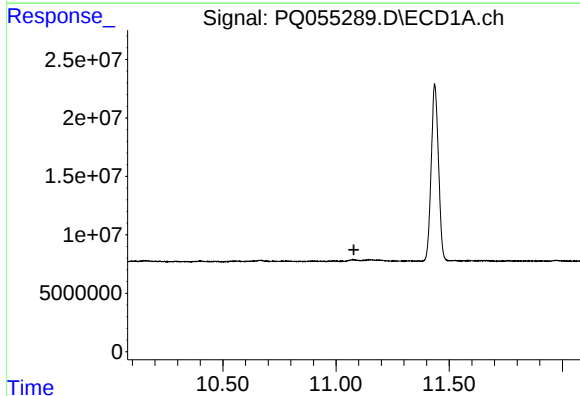
R.T.: 0.000 min
Exp R.T. : 10.635 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



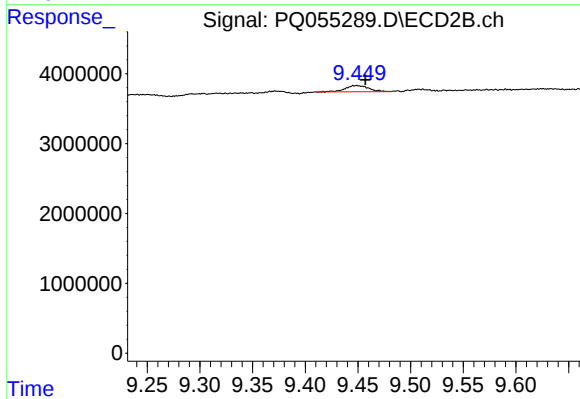
#44 AR-1268-4

R.T.: 9.160 min
Delta R.T.: 0.013 min
Response: 301782
Conc: 0.67 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 11.079 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.448 min
Delta R.T.: -0.009 min
Response: 1391842
Conc: 0.39 ng/ml