

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092220\
 Data File : PQ049949.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2020 23:55
 Operator : DD\AJ
 Sample : L4103-09
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 04:57:44 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092120.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 22 04:20:45 2020
 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...	5.214	4.269	272.9E6	98905976	17.622	16.874
2)	SA Decachlor...	11.414	9.620	111.3E6	79946330	15.787	16.683
Target Compounds							
3)	L1 AR-1016-1	0.000	5.523	0	399602	N.D.	1.777 #
4)	L1 AR-1016-2	0.000	5.556	0	270600	N.D.	0.887 #
5)	L1 AR-1016-3	0.000	5.746	0	298618	N.D.	1.927 #
6)	L1 AR-1016-4	0.000	5.787	0	109801	N.D.	0.896 #
7)	L1 AR-1016-5	0.000	6.027	0	155952	N.D.	0.977 #
8)	L2 AR-1221-1	0.000	4.549f	0	119052	N.D.	2.014 #
9)	L2 AR-1221-2	0.000	4.626	0	1443685	N.D.	31.943 #
10)	L2 AR-1221-3	0.000	4.714	0	215837	N.D.	1.501 #
11)	L3 AR-1232-1	0.000	4.714	0	215837	N.D.	1.804 #
12)	L3 AR-1232-2	0.000	5.556	0	270600	N.D.	2.152 #
13)	L3 AR-1232-3	0.000	5.746	0	298618	N.D.	4.697 #
14)	L3 AR-1232-4	0.000	5.837	0	433026	N.D.	7.209 #
15)	L3 AR-1232-5	0.000	6.027	0	155952	N.D.	2.522 #
16)	L4 AR-1242-1	0.000	5.523	0	399602	N.D.	2.462 #
17)	L4 AR-1242-2	0.000	5.556	0	270600	N.D.	1.230 #
18)	L4 AR-1242-3	0.000	5.746	0	298618	N.D.	2.628 #
19)	L4 AR-1242-4	0.000	5.837	0	433026	N.D.	3.837 #
20)	L4 AR-1242-5	0.000	6.427f	0	542372	N.D.	3.481 #
21)	L5 AR-1248-1	0.000	5.523	0	399602	N.D.	3.238 #
22)	L5 AR-1248-2	0.000	5.787	0	109801	N.D.	0.706 #
23)	L5 AR-1248-3	0.000	5.837	0	433026	N.D.	2.618 #
24)	L5 AR-1248-4	0.000	6.027	0	155952	N.D.	0.784 #
25)	L5 AR-1248-5	0.000	6.442	0	170342	N.D.	0.796 #
26)	L6 AR-1254-1	0.000	6.427f	0	542372	N.D.	1.718 #
27)	L6 AR-1254-2	0.000	6.555	0	83181	N.D.	0.321 #
28)	L6 AR-1254-3	0.000	6.985	0	1664116	N.D.	3.926 #
29)	L6 AR-1254-4	0.000	7.224	0	1314807	N.D.	4.433 #
30)	L6 AR-1254-5	0.000	7.652	0	1311852	N.D.	3.641 #
31)	L7 AR-1260-1	0.000	7.135	0	784366	N.D.	3.049 #
32)	L7 AR-1260-2	0.000	7.315	0	1527582	N.D.	4.110 #
33)	L7 AR-1260-3	0.000	7.476	0	1463717	N.D.	4.269 #
34)	L7 AR-1260-4	0.000	7.950	0	414919	N.D.	1.520 #
35)	L7 AR-1260-5	0.000	8.203	0	480812	N.D.	0.679 #
36)	L8 AR-1262-1	0.000	7.652	0	1311852	N.D.	7.027 #
37)	L8 AR-1262-2	0.000	8.203	0	480812	N.D.	0.667 #
38)	L8 AR-1262-3	0.000	8.493	0	406108	N.D.	1.426 #
39)	L8 AR-1262-4	0.000	8.558	0	462081	N.D.	0.946 #
40)	L8 AR-1262-5	0.000	9.056	0	304102	N.D.	1.255 #
41)	L9 AR-1268-1	0.000	8.493	0	406108	N.D.	0.448 #

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 Operator : DD\AJ
 Sample : L4103-09
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

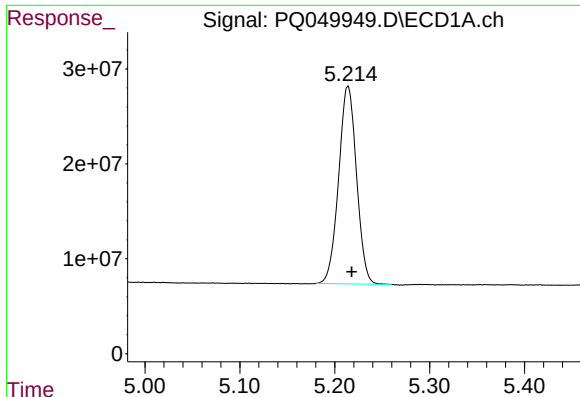
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 04:57:44 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092120.M
 Quant Title : GC EXTRACTABLES
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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	0.000	8.558	0	462081	N.D.	0.603 #
43) L9	AR-1268-3	0.000	8.766	0	1822686	N.D.	2.683 #
44) L9	AR-1268-4	0.000	9.056	0	304102	N.D.	1.099 #
45) L9	AR-1268-5	0.000	9.357	0	2095643	N.D.	1.169 #

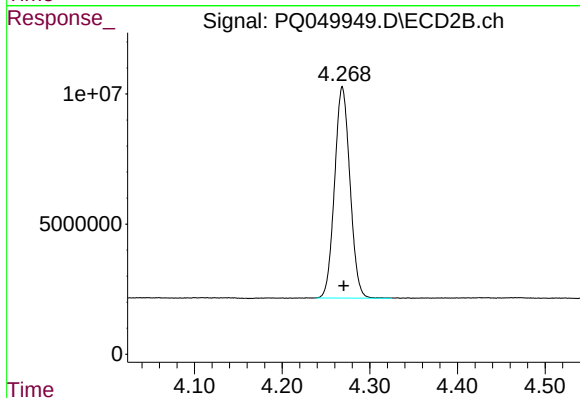
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

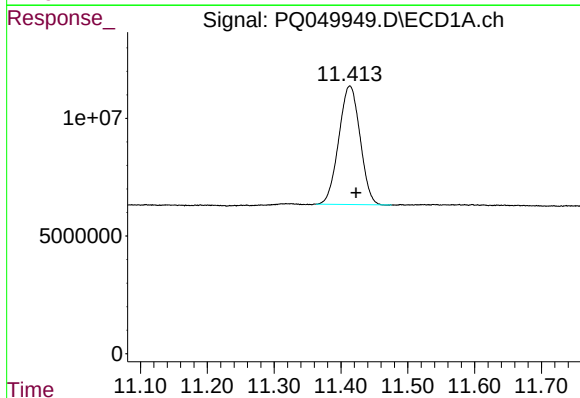
R.T.: 5.214 min
Delta R.T.: -0.004 min
Response: 272895317
Conc: 17.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



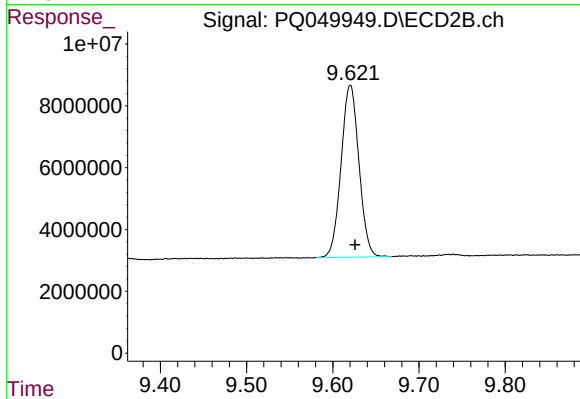
#1 Tetrachloro-m-xylene

R.T.: 4.269 min
Delta R.T.: -0.002 min
Response: 98905976
Conc: 16.87 ng/ml



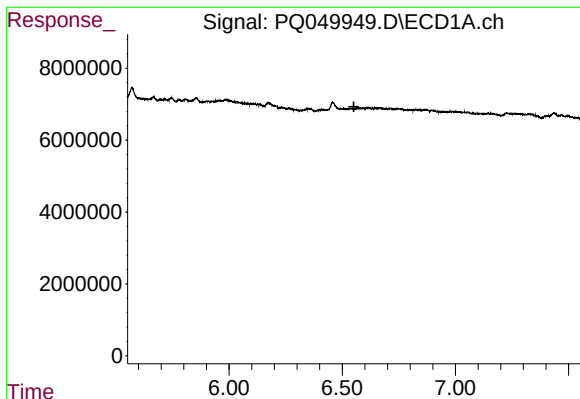
#2 Decachlorobiphenyl

R.T.: 11.414 min
Delta R.T.: -0.009 min
Response: 111297454
Conc: 15.79 ng/ml



#2 Decachlorobiphenyl

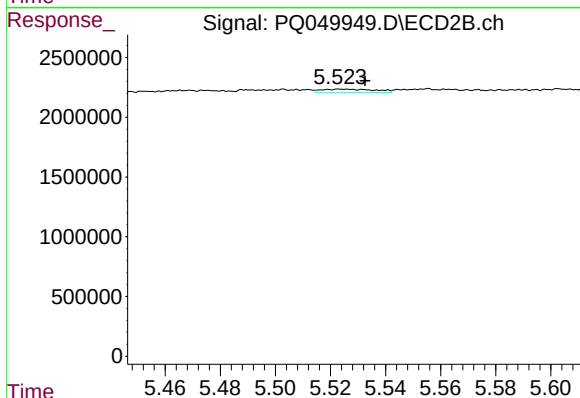
R.T.: 9.620 min
Delta R.T.: -0.006 min
Response: 79946330
Conc: 16.68 ng/ml



#3 AR-1016-1

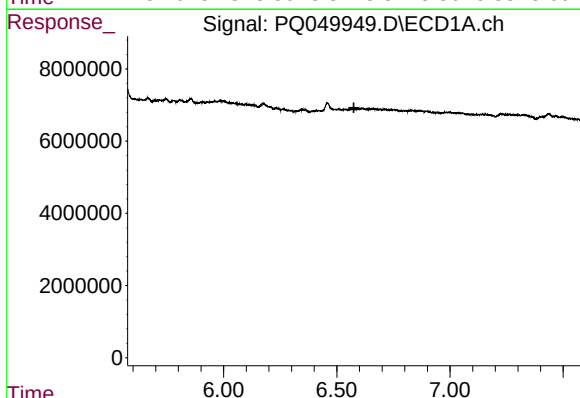
R.T.: 0.000 min
Exp R.T.: 6.551 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



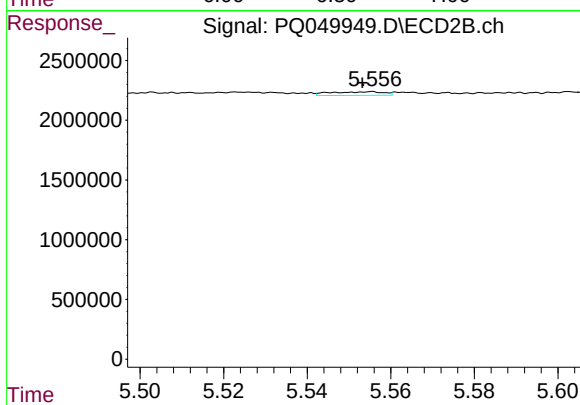
#3 AR-1016-1

R.T.: 5.523 min
Delta R.T.: -0.010 min
Response: 399602
Conc: 1.78 ng/ml



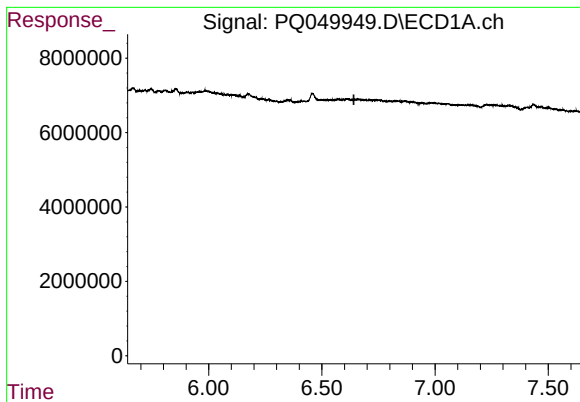
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.576 min
Response: 0
Conc: N.D.



#4 AR-1016-2

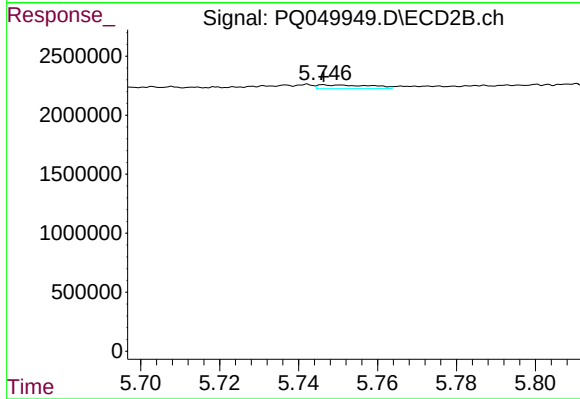
R.T.: 5.556 min
Delta R.T.: 0.002 min
Response: 270600
Conc: 0.89 ng/ml



#5 AR-1016-3

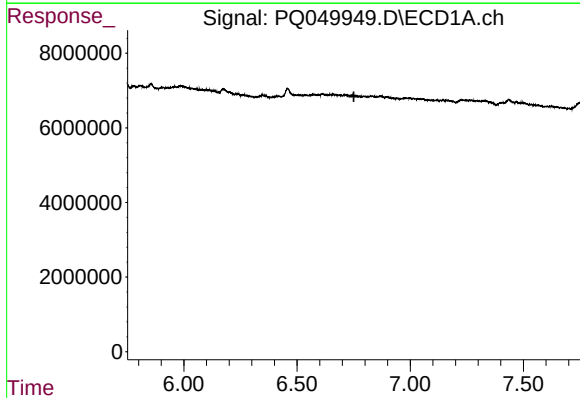
R.T.: 0.000 min
Exp R.T.: 6.641 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



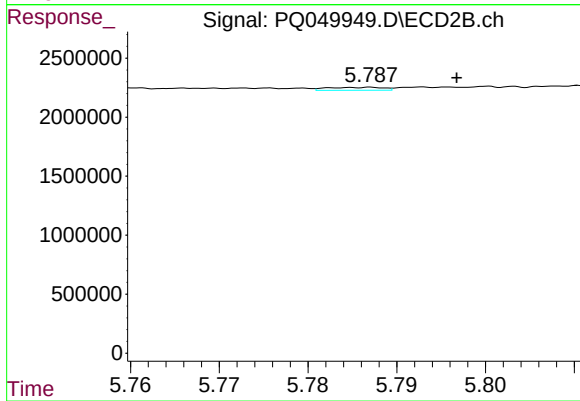
#5 AR-1016-3

R.T.: 5.746 min
Delta R.T.: 0.000 min
Response: 298618
Conc: 1.93 ng/ml



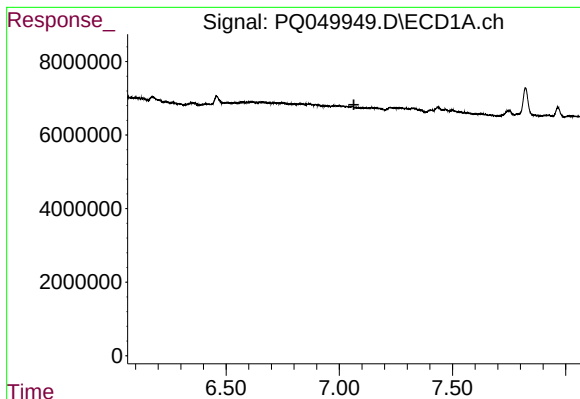
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.751 min
Response: 0
Conc: N.D.



#6 AR-1016-4

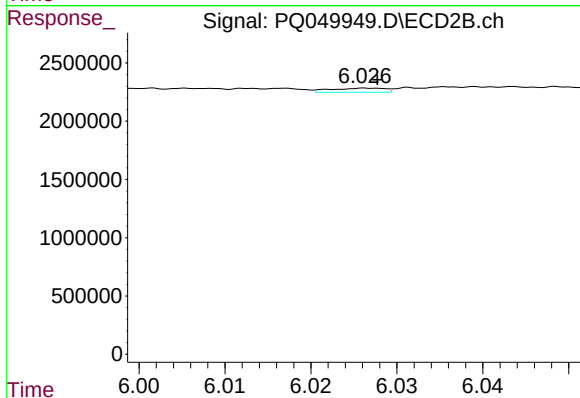
R.T.: 5.787 min
Delta R.T.: -0.010 min
Response: 109801
Conc: 0.90 ng/ml



#7 AR-1016-5

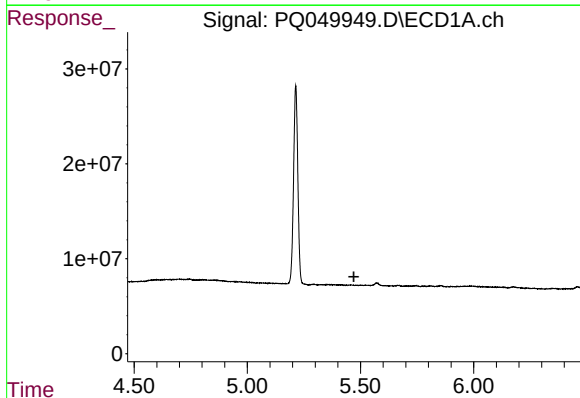
R.T.: 0.000 min
Exp R.T.: 7.065 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



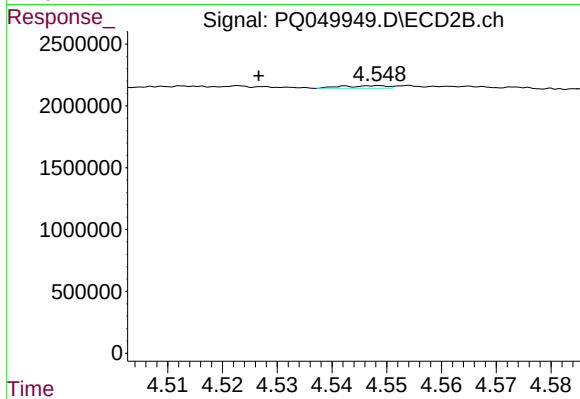
#7 AR-1016-5

R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 155952
Conc: 0.98 ng/ml



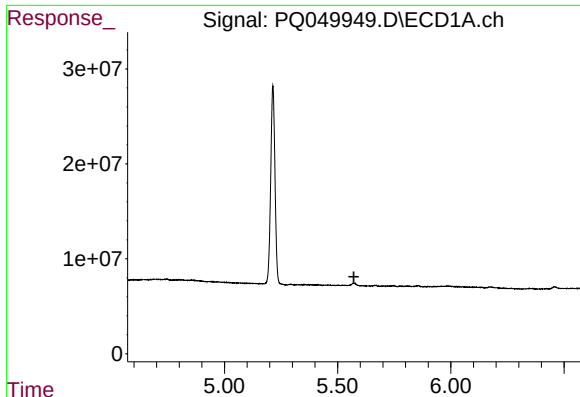
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 5.471 min
Response: 0
Conc: N.D.



#8 AR-1221-1

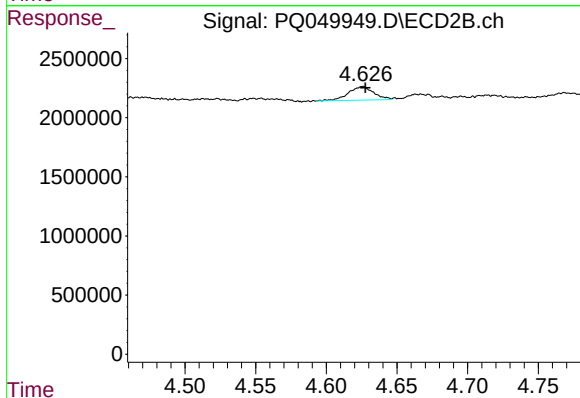
R.T.: 4.549 min
Delta R.T.: 0.022 min
Response: 119052
Conc: 2.01 ng/ml



#9 AR-1221-2

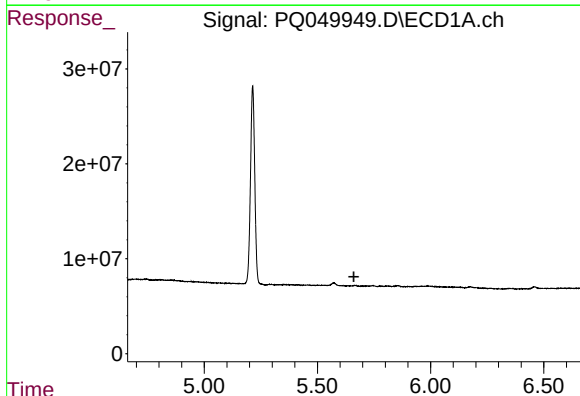
R.T.: 0.000 min
Exp R.T. : 5.572 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



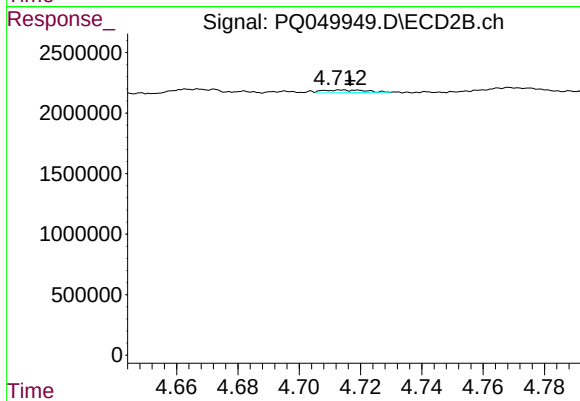
#9 AR-1221-2

R.T.: 4.626 min
Delta R.T.: -0.001 min
Response: 1443685
Conc: 31.94 ng/ml



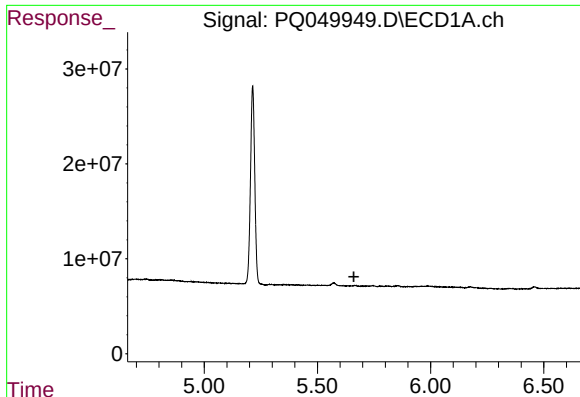
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.661 min
Response: 0
Conc: N.D.



#10 AR-1221-3

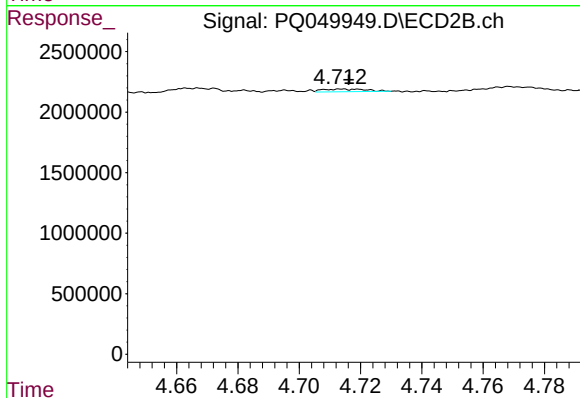
R.T.: 4.714 min
Delta R.T.: -0.003 min
Response: 215837
Conc: 1.50 ng/ml



#11 AR-1232-1

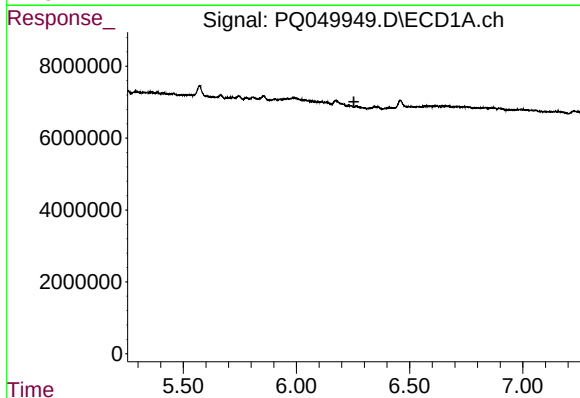
R.T.: 0.000 min
Exp R.T.: 5.661 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



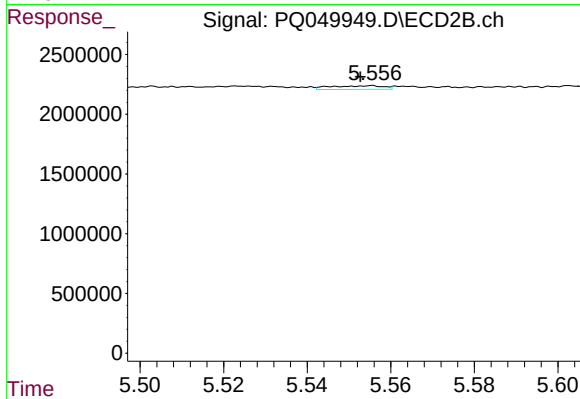
#11 AR-1232-1

R.T.: 4.714 min
Delta R.T.: -0.002 min
Response: 215837
Conc: 1.80 ng/ml



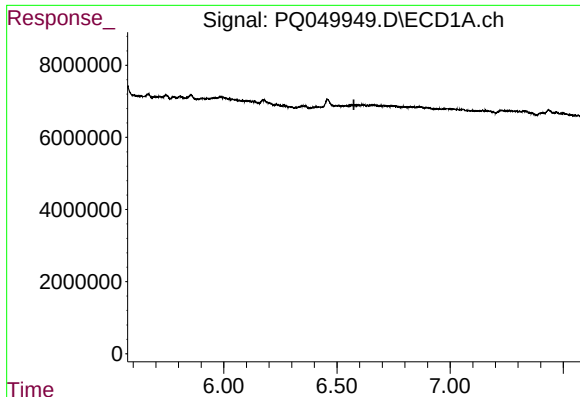
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 6.254 min
Response: 0
Conc: N.D.



#12 AR-1232-2

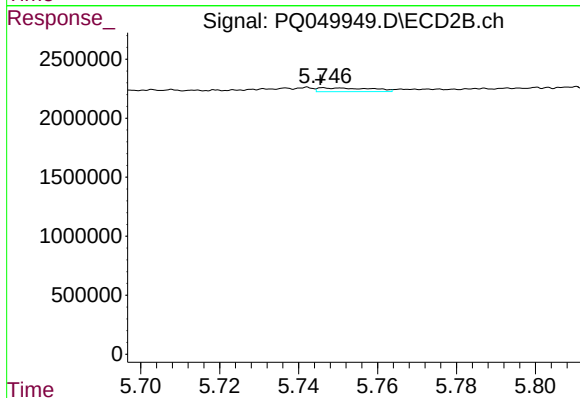
R.T.: 5.556 min
Delta R.T.: 0.003 min
Response: 270600
Conc: 2.15 ng/ml



#13 AR-1232-3

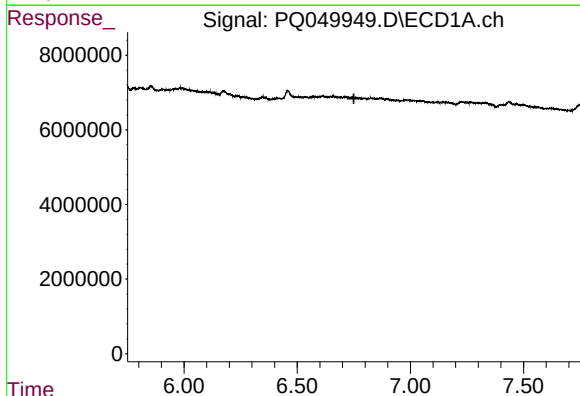
R.T.: 0.000 min
Exp R.T.: 6.575 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



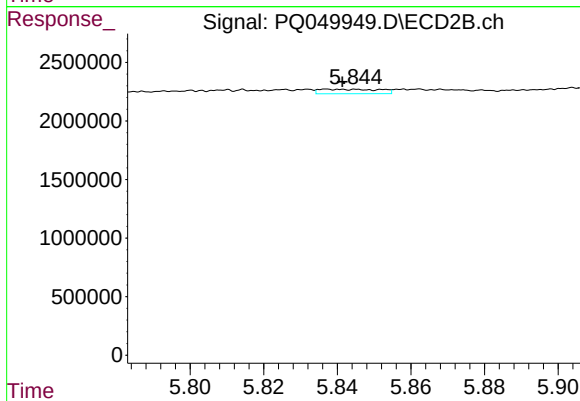
#13 AR-1232-3

R.T.: 5.746 min
Delta R.T.: 0.000 min
Response: 298618
Conc: 4.70 ng/ml



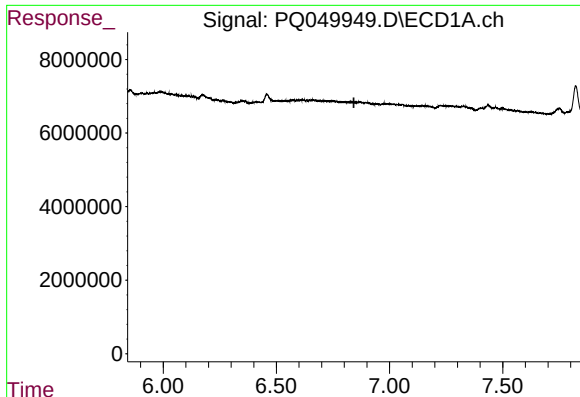
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 6.750 min
Response: 0
Conc: N.D.



#14 AR-1232-4

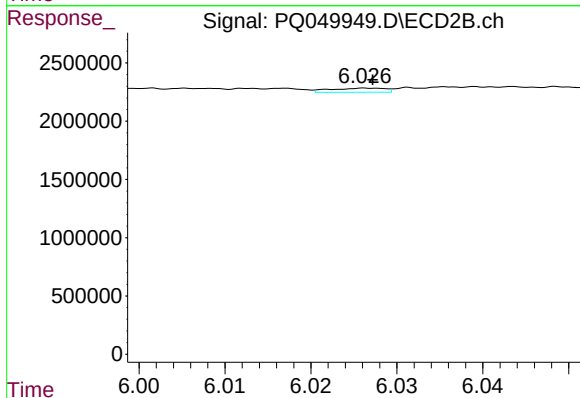
R.T.: 5.837 min
Delta R.T.: -0.004 min
Response: 433026
Conc: 7.21 ng/ml



#15 AR-1232-5

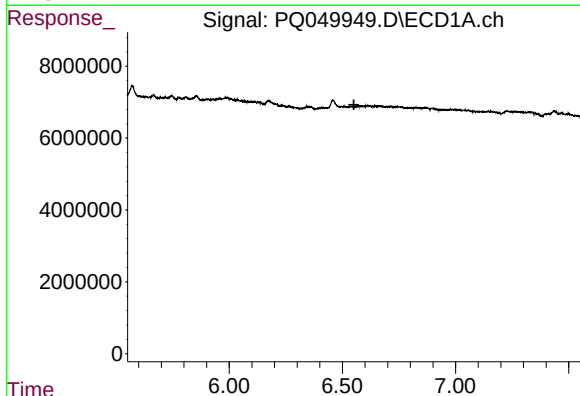
R.T.: 0.000 min
Exp R.T.: 6.843 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



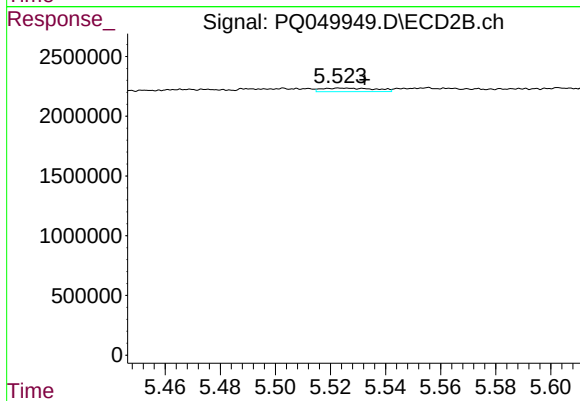
#15 AR-1232-5

R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 155952
Conc: 2.52 ng/ml



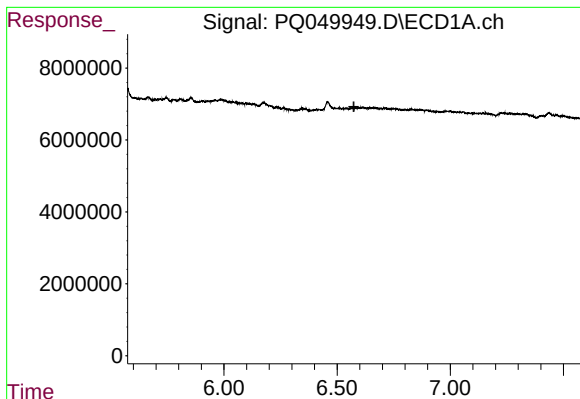
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 6.551 min
Response: 0
Conc: N.D.



#16 AR-1242-1

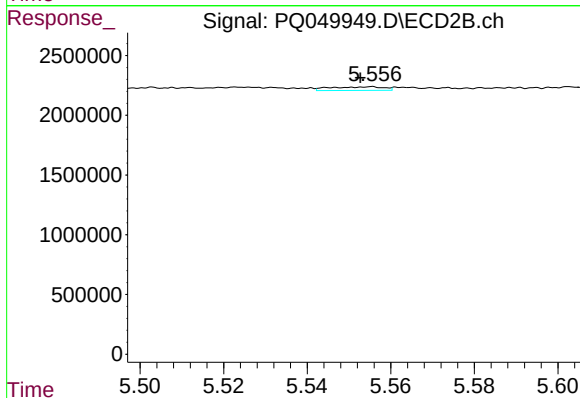
R.T.: 5.523 min
Delta R.T.: -0.009 min
Response: 399602
Conc: 2.46 ng/ml



#17 AR-1242-2

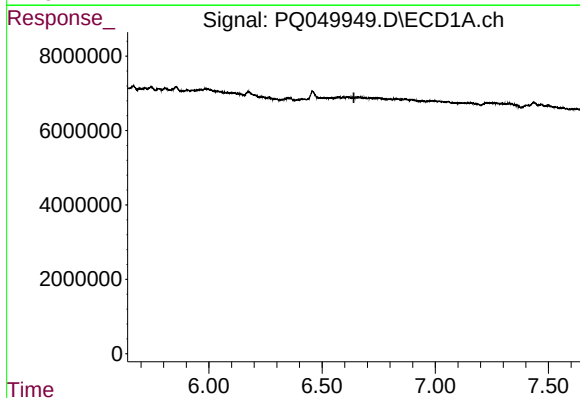
R.T.: 0.000 min
Exp R.T.: 6.574 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



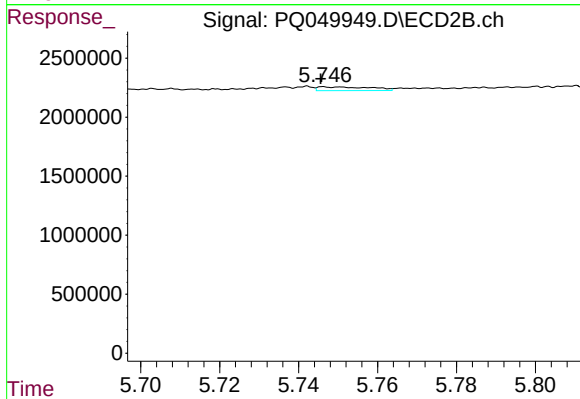
#17 AR-1242-2

R.T.: 5.556 min
Delta R.T.: 0.003 min
Response: 270600
Conc: 1.23 ng/ml



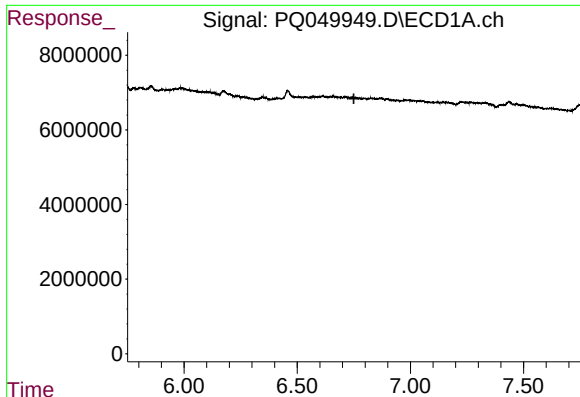
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 6.641 min
Response: 0
Conc: N.D.



#18 AR-1242-3

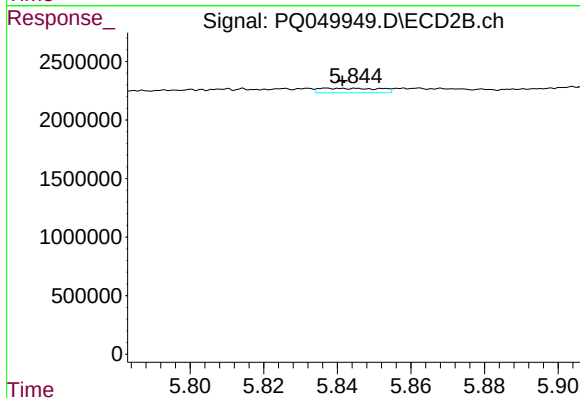
R.T.: 5.746 min
Delta R.T.: 0.000 min
Response: 298618
Conc: 2.63 ng/ml



#19 AR-1242-4

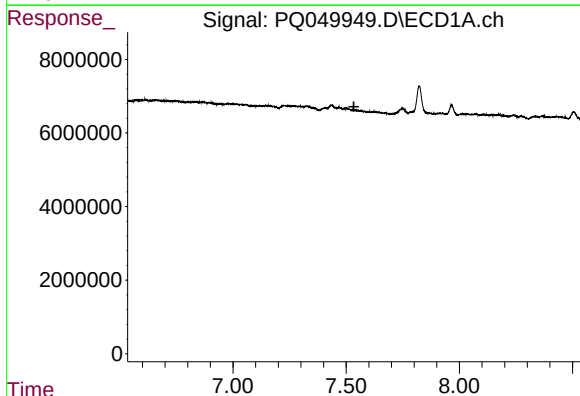
R.T.: 0.000 min
Exp R.T.: 6.750 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



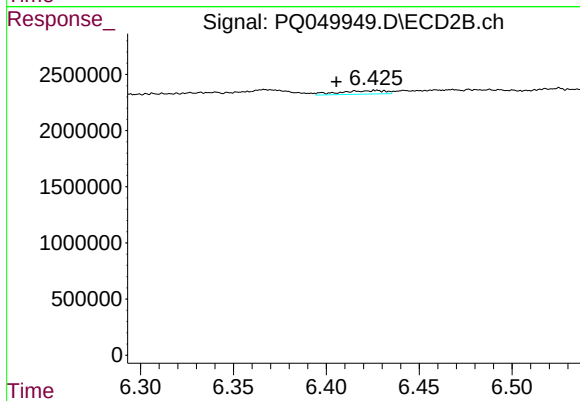
#19 AR-1242-4

R.T.: 5.837 min
Delta R.T.: -0.004 min
Response: 433026
Conc: 3.84 ng/ml



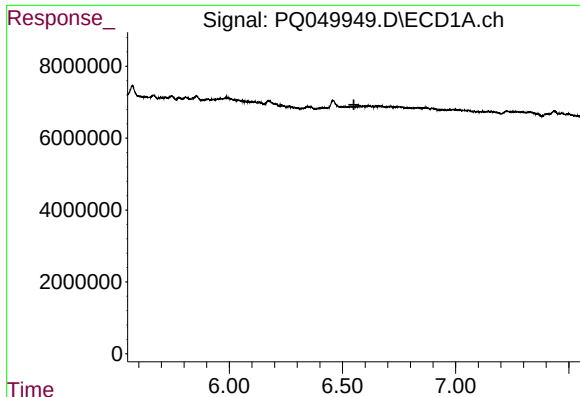
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 7.534 min
Response: 0
Conc: N.D.



#20 AR-1242-5

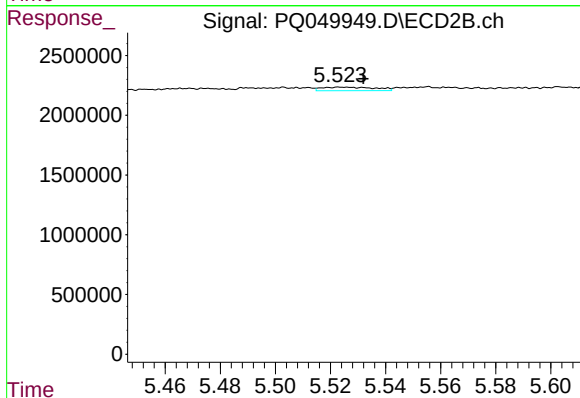
R.T.: 6.427 min
Delta R.T.: 0.021 min
Response: 542372
Conc: 3.48 ng/ml



#21 AR-1248-1

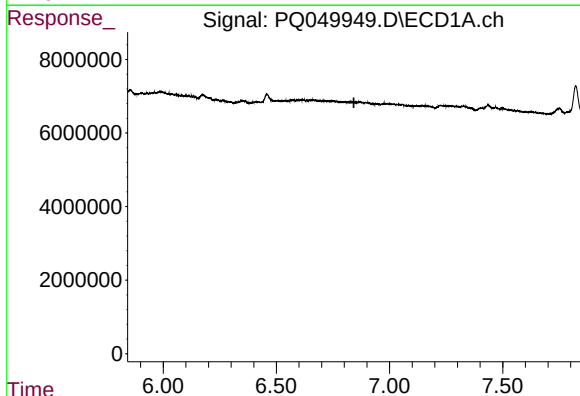
R.T.: 0.000 min
Exp R.T.: 6.550 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



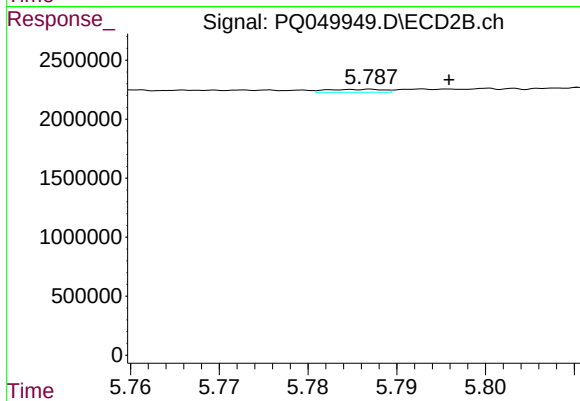
#21 AR-1248-1

R.T.: 5.523 min
Delta R.T.: -0.009 min
Response: 399602
Conc: 3.24 ng/ml



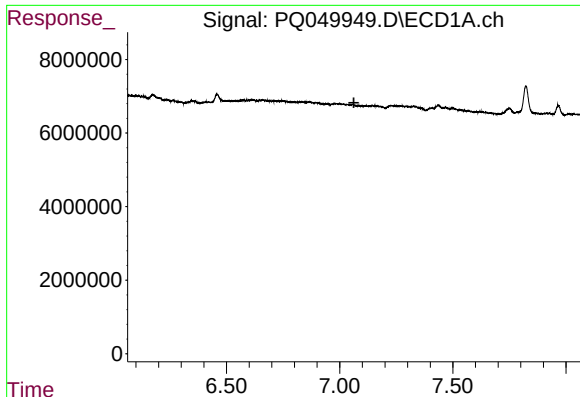
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 6.843 min
Response: 0
Conc: N.D.



#22 AR-1248-2

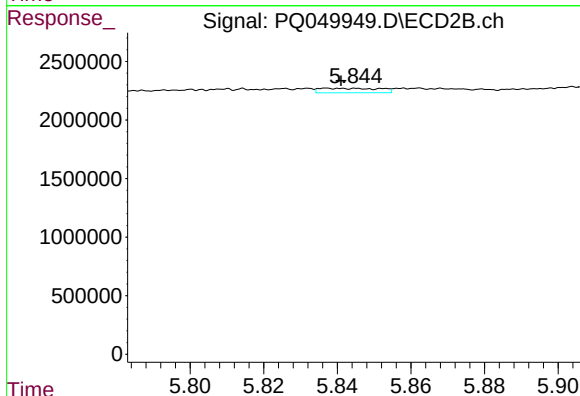
R.T.: 5.787 min
Delta R.T.: -0.009 min
Response: 109801
Conc: 0.71 ng/ml



#23 AR-1248-3

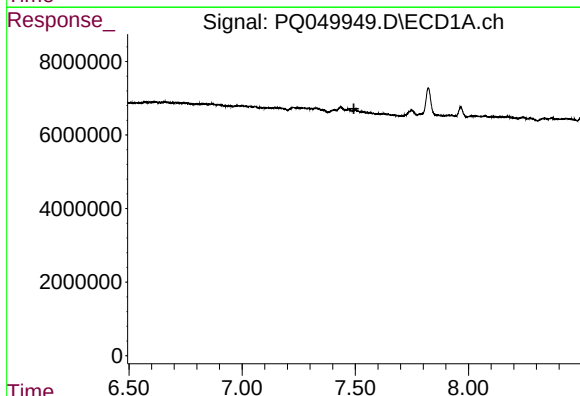
R.T.: 0.000 min
Exp R.T.: 7.063 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



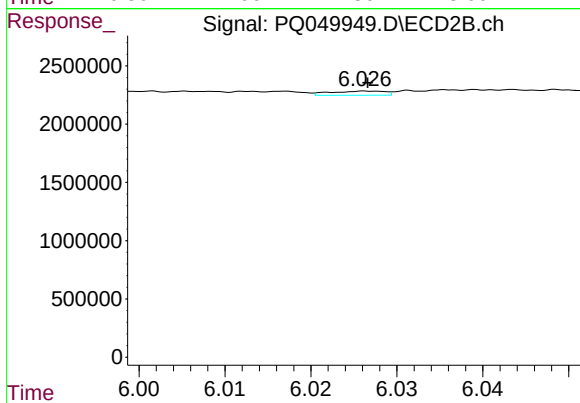
#23 AR-1248-3

R.T.: 5.837 min
Delta R.T.: -0.004 min
Response: 433026
Conc: 2.62 ng/ml



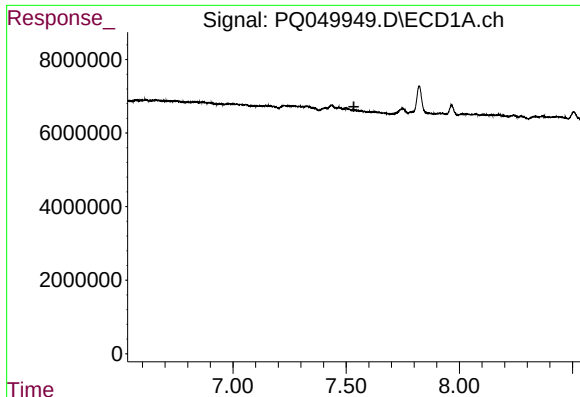
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 7.494 min
Response: 0
Conc: N.D.



#24 AR-1248-4

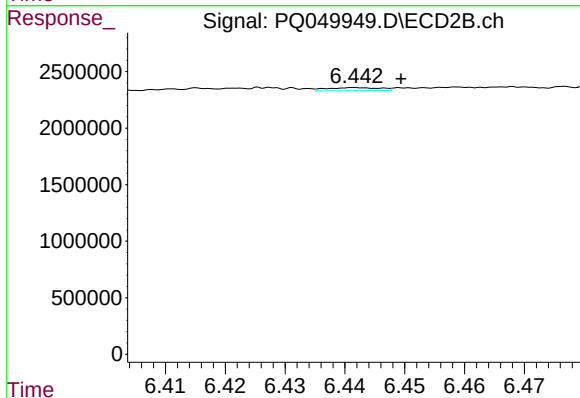
R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 155952
Conc: 0.78 ng/ml



#25 AR-1248-5

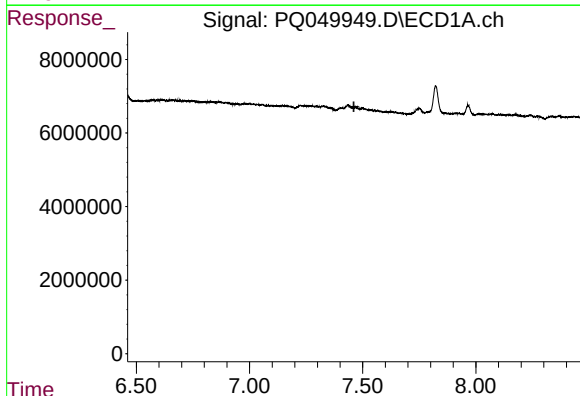
R.T.: 0.000 min
Exp R.T.: 7.534 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



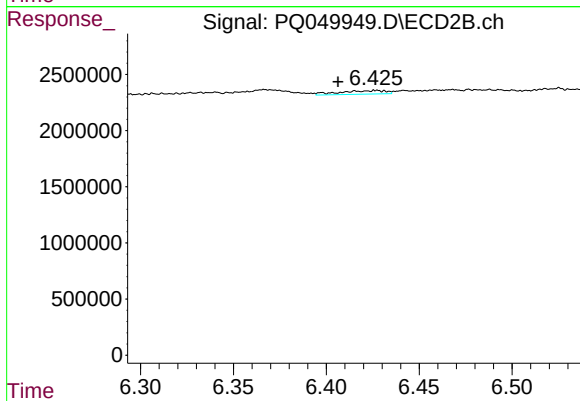
#25 AR-1248-5

R.T.: 6.442 min
Delta R.T.: -0.007 min
Response: 170342
Conc: 0.80 ng/ml



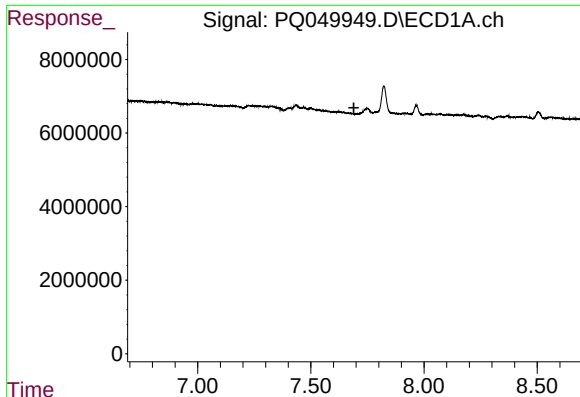
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 7.461 min
Response: 0
Conc: N.D.



#26 AR-1254-1

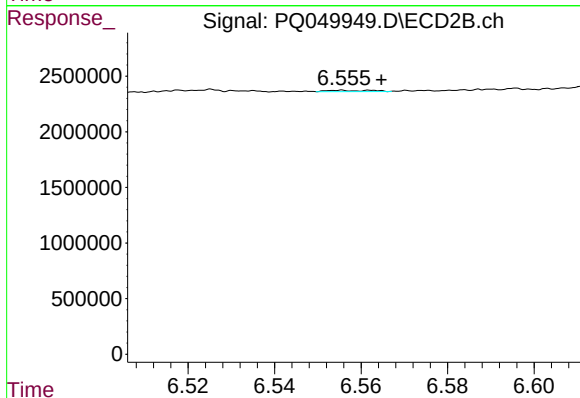
R.T.: 6.427 min
Delta R.T.: 0.021 min
Response: 542372
Conc: 1.72 ng/ml



#27 AR-1254-2

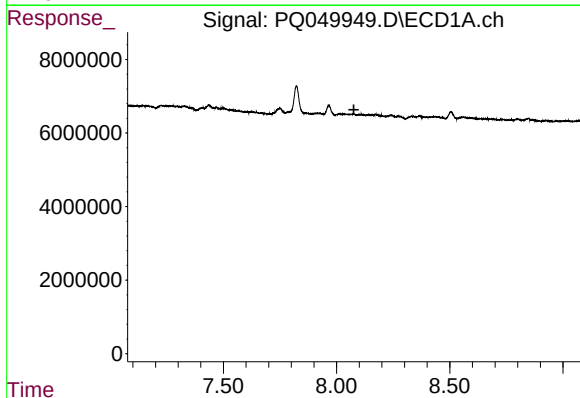
R.T.: 0.000 min
Exp R.T.: 7.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



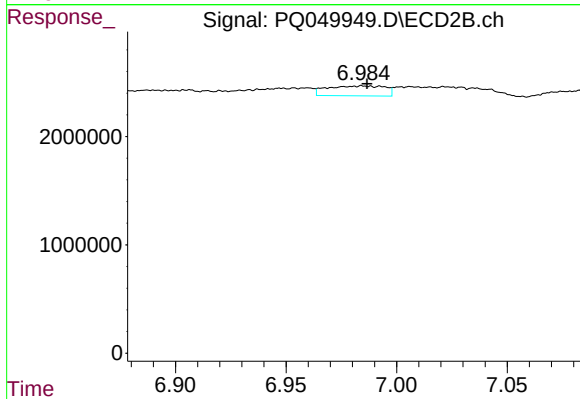
#27 AR-1254-2

R.T.: 6.555 min
Delta R.T.: -0.010 min
Response: 83181
Conc: 0.32 ng/ml



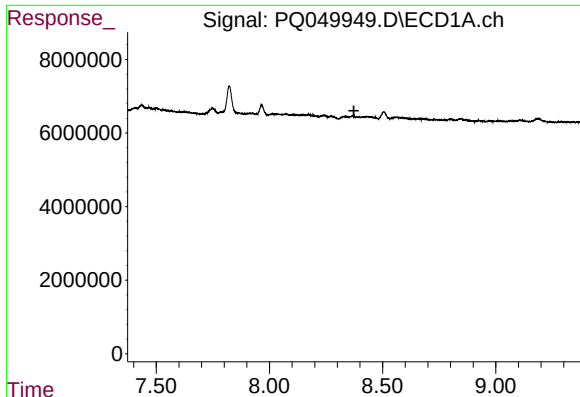
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T.: 8.077 min
Response: 0
Conc: N.D.



#28 AR-1254-3

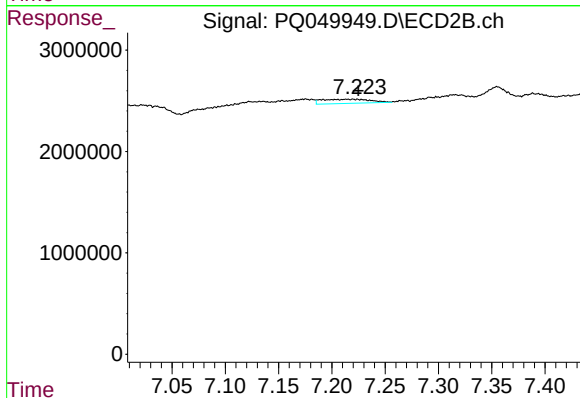
R.T.: 6.985 min
Delta R.T.: -0.002 min
Response: 1664116
Conc: 3.93 ng/ml



#29 AR-1254-4

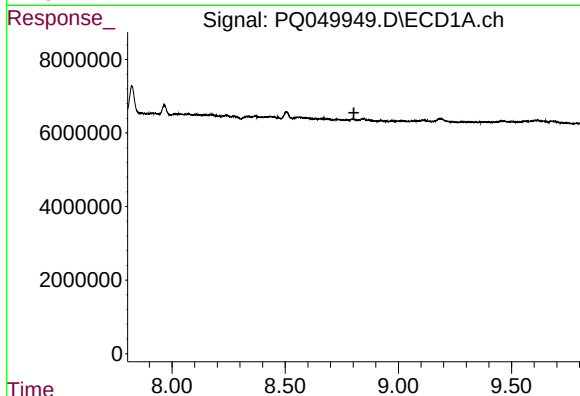
R.T.: 0.000 min
Exp R.T. : 8.373 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



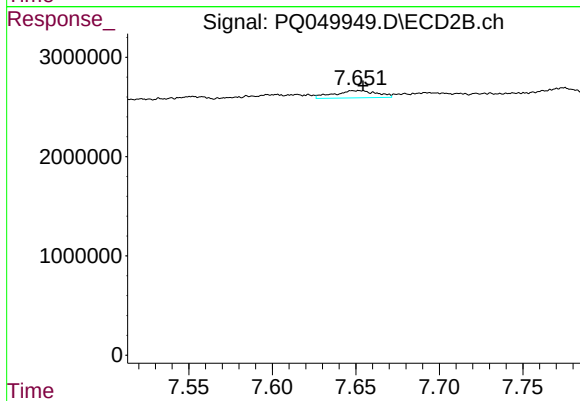
#29 AR-1254-4

R.T.: 7.224 min
Delta R.T.: -0.001 min
Response: 1314807
Conc: 4.43 ng/ml



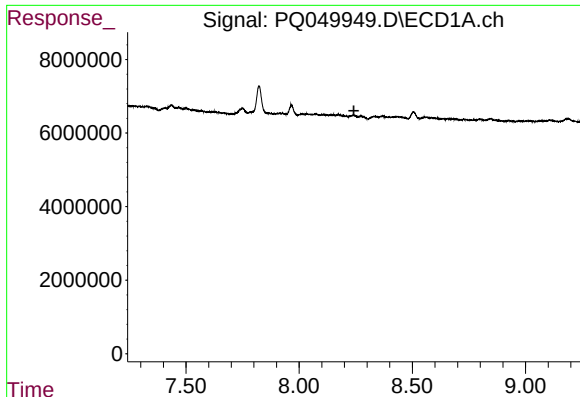
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 8.804 min
Response: 0
Conc: N.D.



#30 AR-1254-5

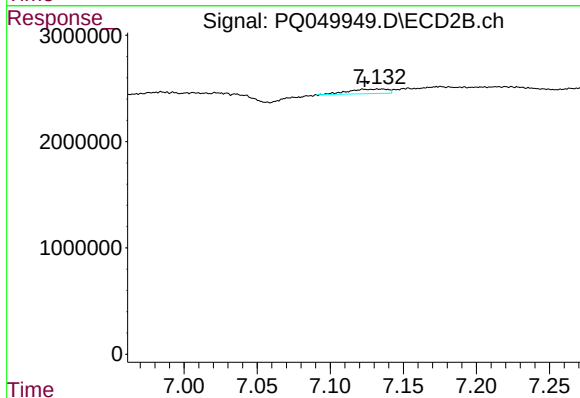
R.T.: 7.652 min
Delta R.T.: -0.002 min
Response: 1311852
Conc: 3.64 ng/ml



#31 AR-1260-1

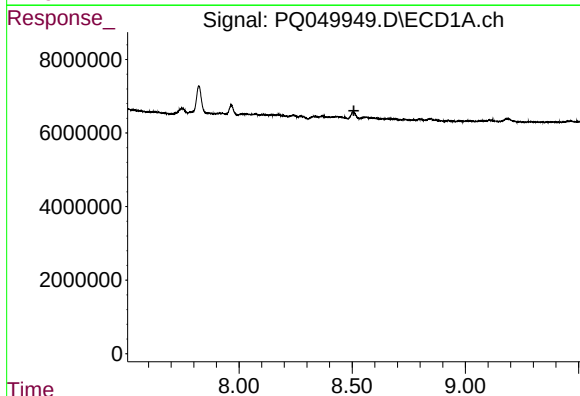
R.T.: 0.000 min
Exp R.T.: 8.242 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



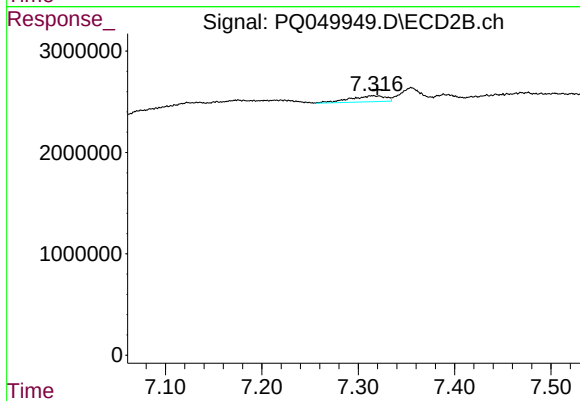
#31 AR-1260-1

R.T.: 7.135 min
Delta R.T.: 0.011 min
Response: 784366
Conc: 3.05 ng/ml



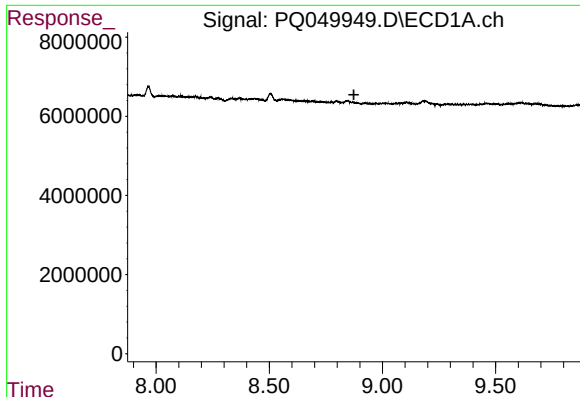
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 8.508 min
Response: 0
Conc: N.D.



#32 AR-1260-2

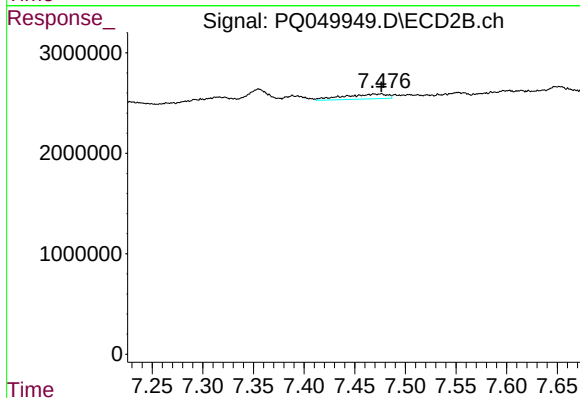
R.T.: 7.315 min
Delta R.T.: -0.005 min
Response: 1527582
Conc: 4.11 ng/ml



#33 AR-1260-3

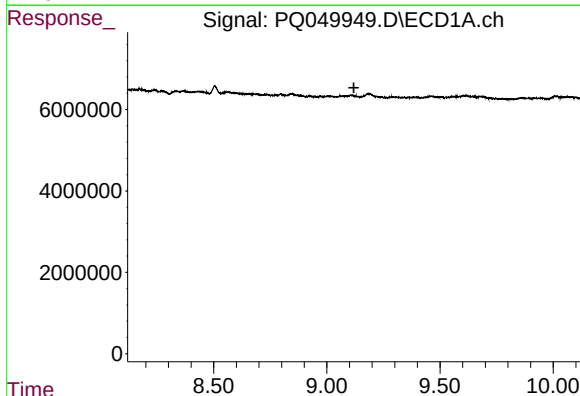
R.T.: 0.000 min
Exp R.T. : 8.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



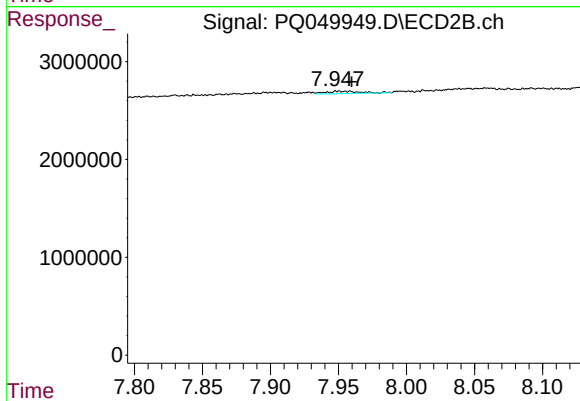
#33 AR-1260-3

R.T.: 7.476 min
Delta R.T.: 0.000 min
Response: 1463717
Conc: 4.27 ng/ml



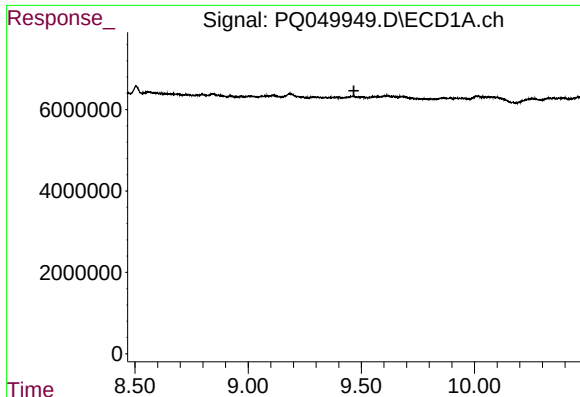
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 9.120 min
Response: 0
Conc: N.D.



#34 AR-1260-4

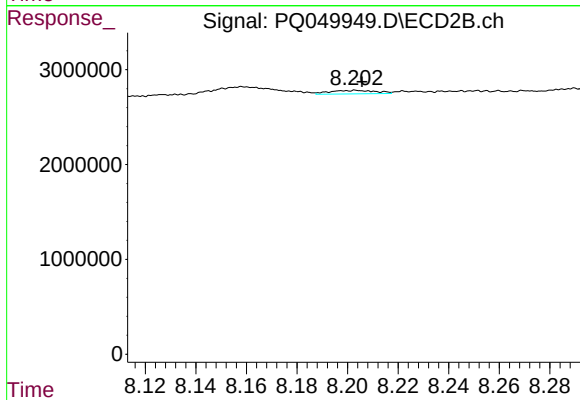
R.T.: 7.950 min
Delta R.T.: -0.010 min
Response: 414919
Conc: 1.52 ng/ml



#35 AR-1260-5

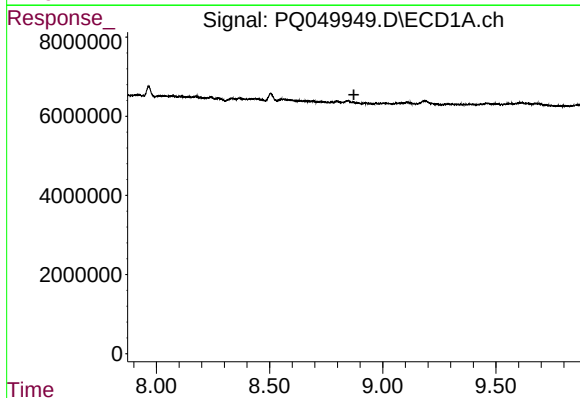
R.T.: 0.000 min
Exp R.T.: 9.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



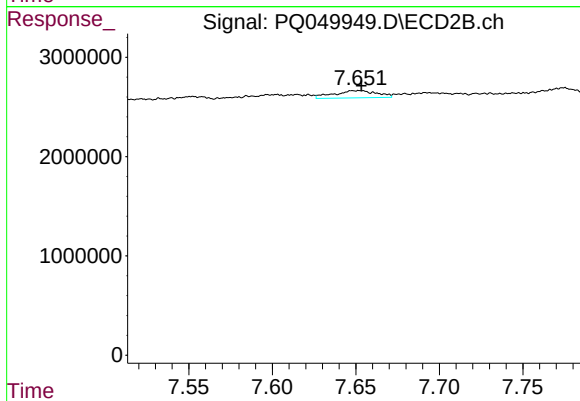
#35 AR-1260-5

R.T.: 8.203 min
Delta R.T.: -0.002 min
Response: 480812
Conc: 0.68 ng/ml



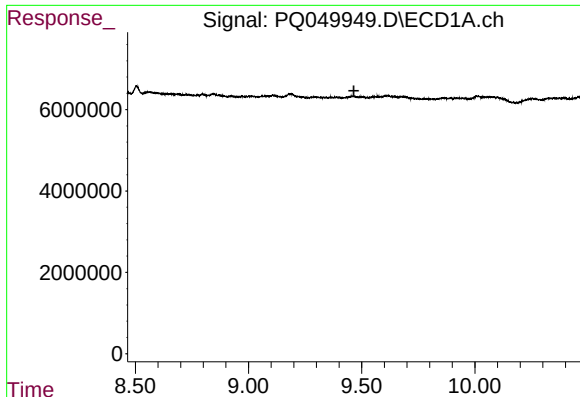
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 8.872 min
Response: 0
Conc: N.D.



#36 AR-1262-1

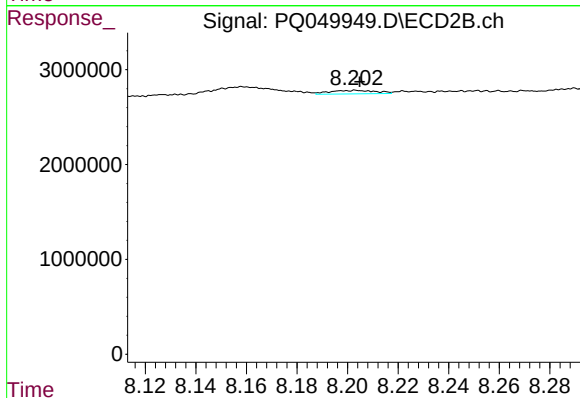
R.T.: 7.652 min
Delta R.T.: -0.001 min
Response: 1311852
Conc: 7.03 ng/ml



#37 AR-1262-2

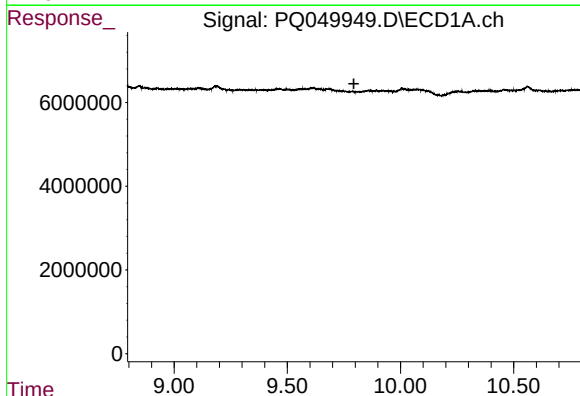
R.T.: 0.000 min
Exp R.T.: 9.466 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



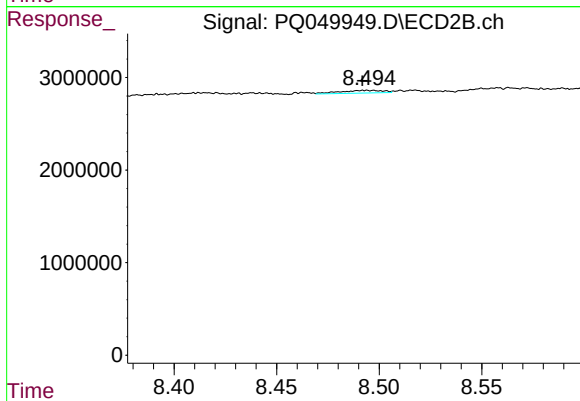
#37 AR-1262-2

R.T.: 8.203 min
Delta R.T.: -0.001 min
Response: 480812
Conc: 0.67 ng/ml



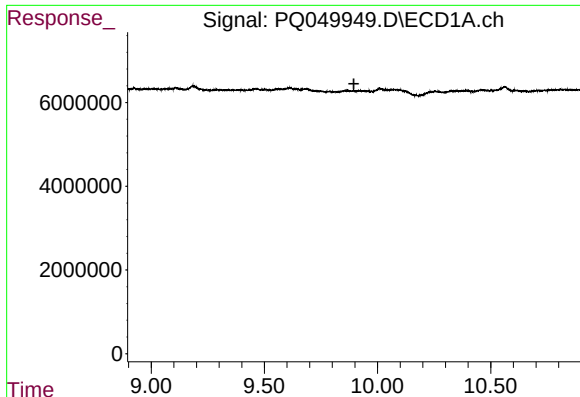
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 9.794 min
Response: 0
Conc: N.D.



#38 AR-1262-3

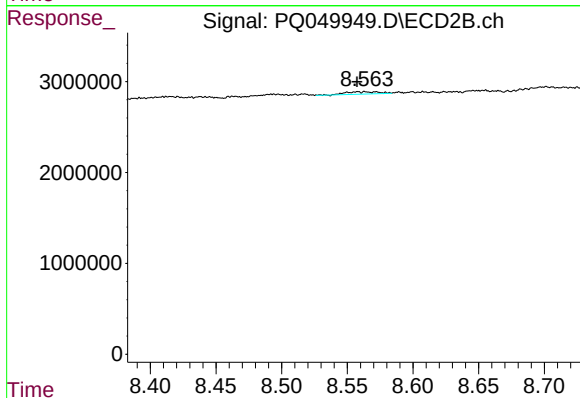
R.T.: 8.493 min
Delta R.T.: 0.002 min
Response: 406108
Conc: 1.43 ng/ml



#39 AR-1262-4

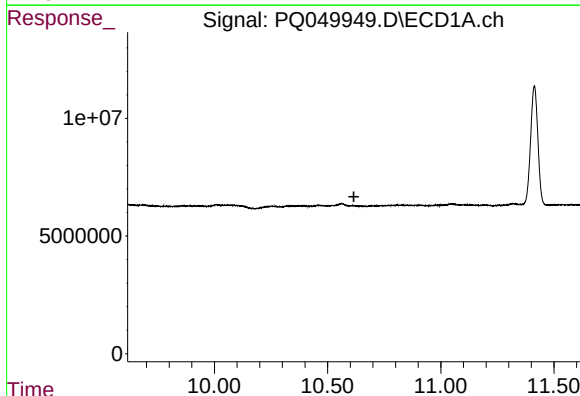
R.T.: 0.000 min
Exp R.T. : 9.896 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



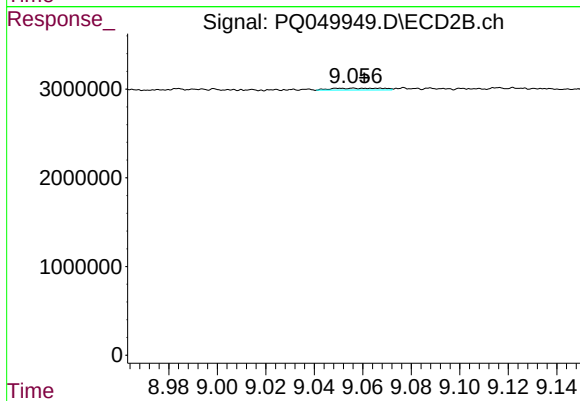
#39 AR-1262-4

R.T.: 8.558 min
Delta R.T.: 0.000 min
Response: 462081
Conc: 0.95 ng/ml



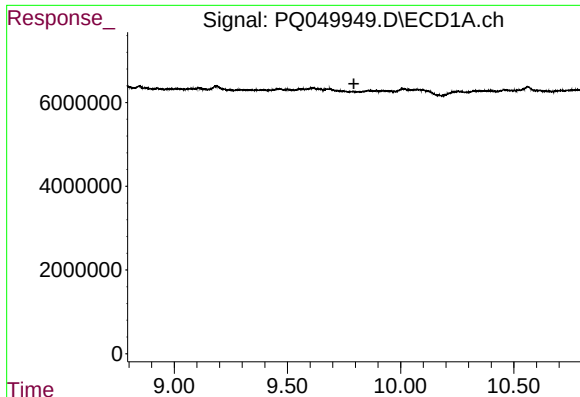
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 10.616 min
Response: 0
Conc: N.D.



#40 AR-1262-5

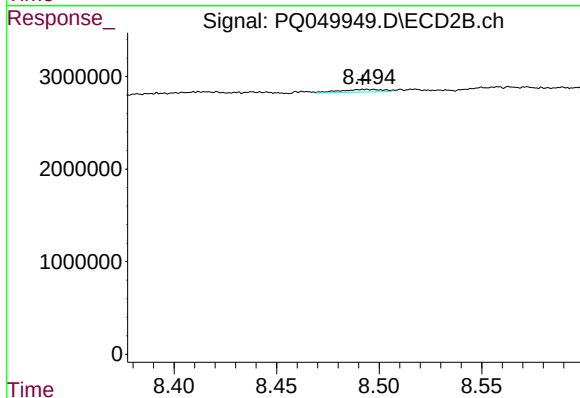
R.T.: 9.056 min
Delta R.T.: -0.004 min
Response: 304102
Conc: 1.26 ng/ml



#41 AR-1268-1

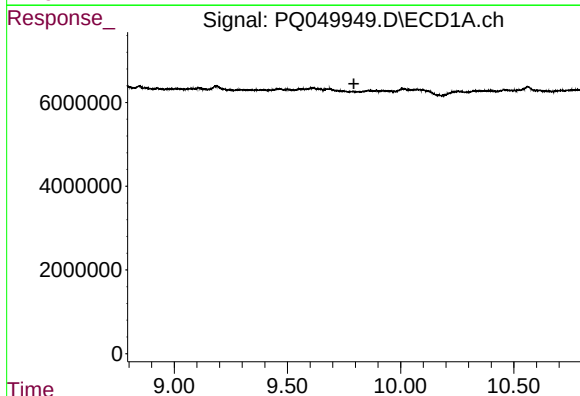
R.T.: 0.000 min
Exp R.T.: 9.793 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



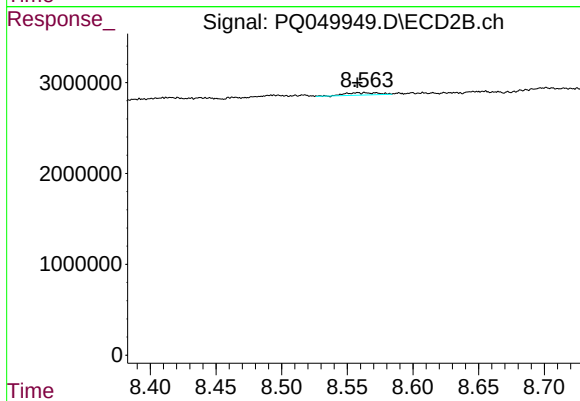
#41 AR-1268-1

R.T.: 8.493 min
Delta R.T.: 0.001 min
Response: 406108
Conc: 0.45 ng/ml



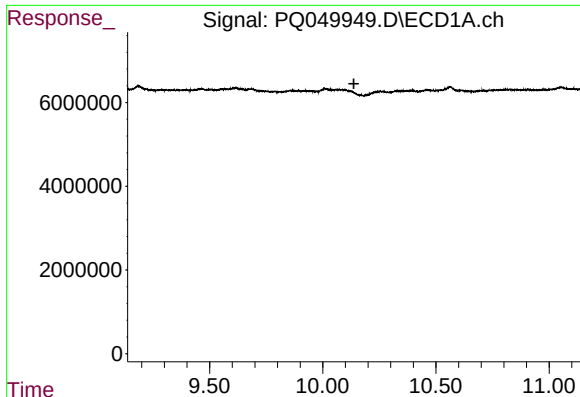
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.793 min
Response: 0
Conc: N.D.



#42 AR-1268-2

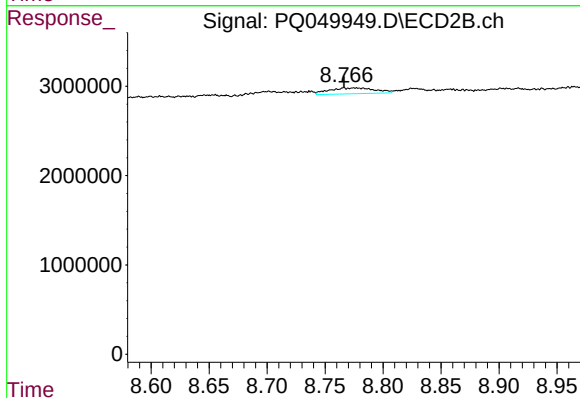
R.T.: 8.558 min
Delta R.T.: 0.000 min
Response: 462081
Conc: 0.60 ng/ml



#43 AR-1268-3

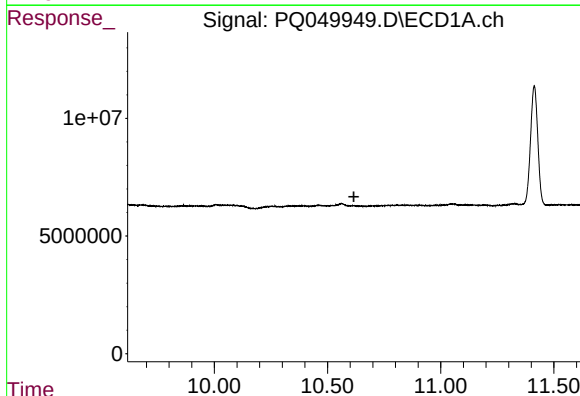
R.T.: 0.000 min
Exp R.T.: 10.138 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



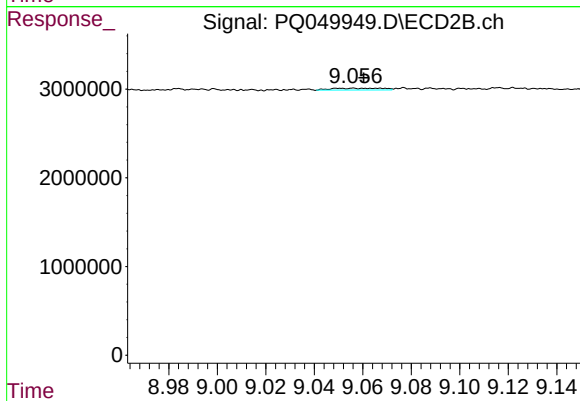
#43 AR-1268-3

R.T.: 8.766 min
Delta R.T.: 0.000 min
Response: 1822686
Conc: 2.68 ng/ml



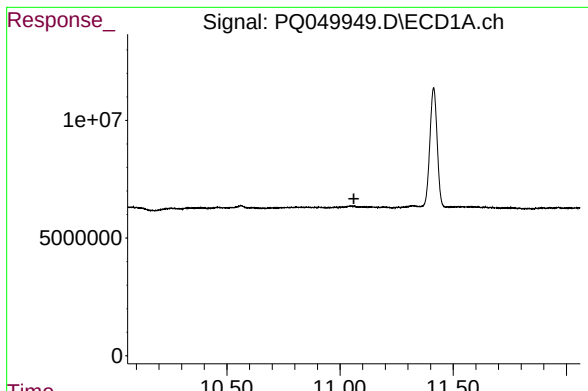
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 10.617 min
Response: 0
Conc: N.D.



#44 AR-1268-4

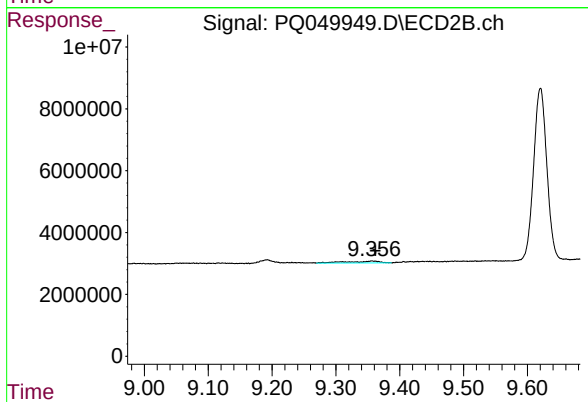
R.T.: 9.056 min
Delta R.T.: -0.004 min
Response: 304102
Conc: 1.10 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.061 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.357 min
Delta R.T.: -0.005 min
Response: 2095643
Conc: 1.17 ng/ml