

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ060319\
 Data File : PQ040533.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jun 2019 18:13
 Operator : SM\AJ
 Sample : K3017-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 A51E7

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 02:22:04 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	5.581	4.725	50930529	39356576	15.547	18.324
2)	SA Decachlor...	11.876	10.439	145.8E6	90642205	20.404	21.799
Target Compounds							
3)	L1 AR-1016-1	7.064	6.191	1349171	349862	8.065	2.727 #
4)	L1 AR-1016-2	7.064	6.191	1349171	349862	5.132	1.813 #
5)	L1 AR-1016-3	7.129	6.399	850996	545031	4.986	5.054
6)	L1 AR-1016-4	0.000	6.456	0	393480	N.D.	4.621 #
7)	L1 AR-1016-5	7.587	6.788	1041502	1788159	7.508	15.530 #
8)	L2 AR-1221-1	5.941	5.023	3118669	616295	88.996	25.148 #
9)	L2 AR-1221-2	5.975	5.118	1451152	2801621	65.866	172.008 #
10)	L2 AR-1221-3	6.094	5.240	1355454	352300	15.343	5.794 #
11)	L3 AR-1232-1	6.094	5.240	1355454	352300	20.928	7.688 #
12)	L3 AR-1232-2	0.000	6.191	0	349862	N.D.	5.832 #
13)	L3 AR-1232-3	7.064	6.399	1349171	545031	16.695	15.498
14)	L3 AR-1232-4	0.000	6.509	0	423217	N.D.	14.323 #
15)	L3 AR-1232-5	7.344	6.788	1281748	1788159	40.443	59.399 #
16)	L4 AR-1242-1	7.064	6.191	1349171	349862	13.915	4.731 #
17)	L4 AR-1242-2	7.064	6.191	1349171	349862	9.336	3.286 #
18)	L4 AR-1242-3	7.129	6.399	850996	545031	9.142	9.035
19)	L4 AR-1242-4	0.000	6.509	0	423217	N.D.	7.101 #
20)	L4 AR-1242-5	0.000	7.182	0	3416999	N.D.	42.401 #
21)	L5 AR-1248-1	7.064	6.191	1349171	349862	17.431	6.072 #
22)	L5 AR-1248-2	7.344	6.456	1281748	393480	11.380	4.475 #
23)	L5 AR-1248-3	7.587	6.509	1041502	423217	7.546	4.677 #
24)	L5 AR-1248-4	0.000	6.788	0	1788159	N.D.	16.193 #
25)	L5 AR-1248-5	0.000	7.182	0	3416999	N.D.	30.096 #
26)	L6 AR-1254-1	7.953	7.182	455260	3416999	2.611	17.840 #
27)	L6 AR-1254-2	8.243	7.274	2527195	1313575	9.138	7.561
28)	L6 AR-1254-3	0.000	7.728	0	1530497	N.D.	5.296 #
29)	L6 AR-1254-4	0.000	8.033	0	2175821	N.D.	12.186 #
30)	L6 AR-1254-5	9.399	8.458	921173	874514	3.199	3.394
31)	L7 AR-1260-1	8.819	7.889	1292201	5574243	3.887	20.334 #
32)	L7 AR-1260-2	9.058	8.118	1999716	1476266	4.950	4.268
33)	L7 AR-1260-3	9.499	8.237	1420546	971648	4.306	3.030 #
34)	L7 AR-1260-4	9.710	8.733	1891929	760957	5.134	2.801 #
35)	L7 AR-1260-5	0.000	8.975	0	5458257	N.D.	8.120 #
36)	L8 AR-1262-1	9.499	8.519	1420546	2099434	10.219	18.490 #
37)	L8 AR-1262-2	0.000	8.975	0	5458257	N.D.	11.001 #
38)	L8 AR-1262-3	0.000	9.272	0	567811	N.D.	2.701 #
39)	L8 AR-1262-4	10.513	9.383	1298593	1231226	3.438	3.252
40)	L8 AR-1262-5	0.000	9.863	0	1382521	N.D.	8.527 #
41)	L9 AR-1268-1	0.000	9.272	0	567811	N.D.	1.244 #
42)	L9 AR-1268-2	10.513	9.383	1298593	1231226	2.110	2.816 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ060319\
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 Acq On : 03 Jun 2019 18:13
 Operator : SM\AJ
 Sample : K3017-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

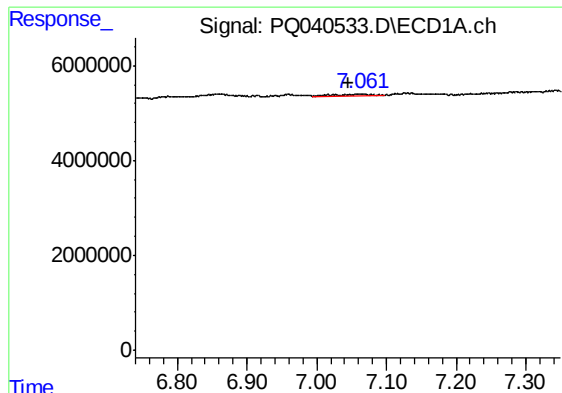
Instrument :
 ECD_Q
 ClientSampleId :
 A51E7

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 02:22:04 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 2019
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 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	10.767	9.552	-95632	240180	N.D.	0.640 #
44) L9	AR-1268-4	0.000	9.863	0	1382521	N.D.	10.034 #
45) L9	AR-1268-5	11.537	10.172	1447234	1818455	0.783	1.541 #

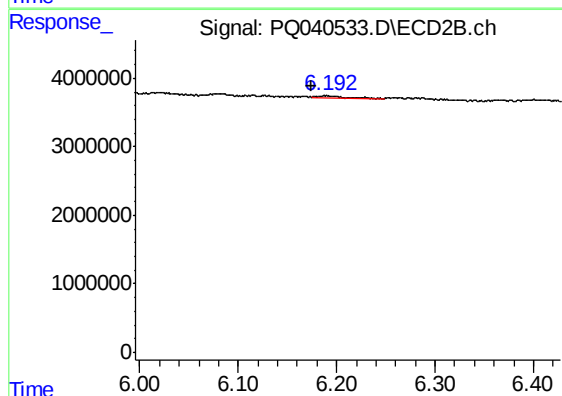
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

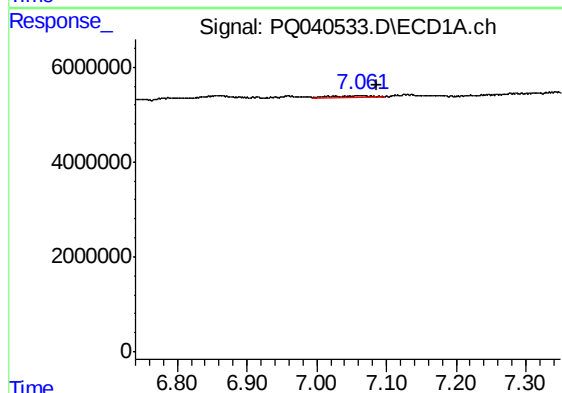
R.T.: 7.064 min
Delta R.T.: 0.019 min
Response: 1349171
Conc: 8.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51E7



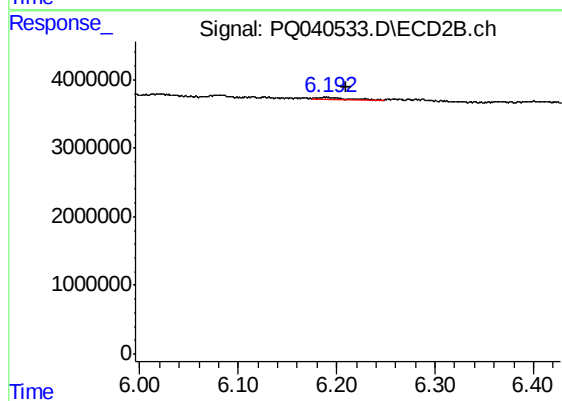
#3 AR-1016-1

R.T.: 6.191 min
Delta R.T.: 0.016 min
Response: 349862
Conc: 2.73 ng/ml



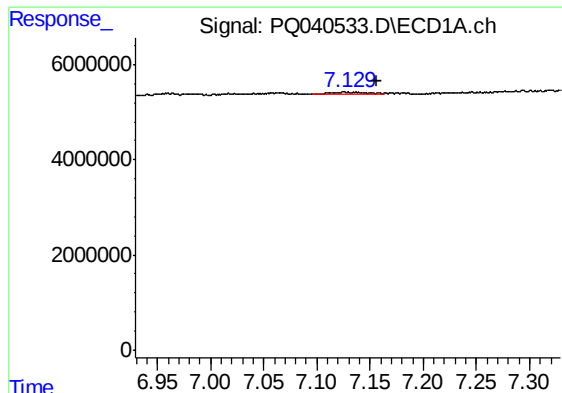
#4 AR-1016-2

R.T.: 7.064 min
Delta R.T.: -0.022 min
Response: 1349171
Conc: 5.13 ng/ml



#4 AR-1016-2

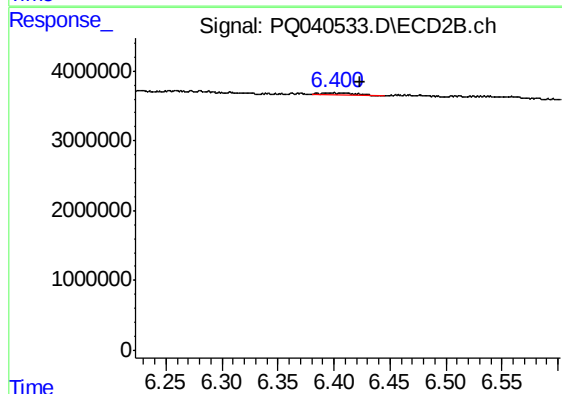
R.T.: 6.191 min
Delta R.T.: -0.019 min
Response: 349862
Conc: 1.81 ng/ml



#5 AR-1016-3

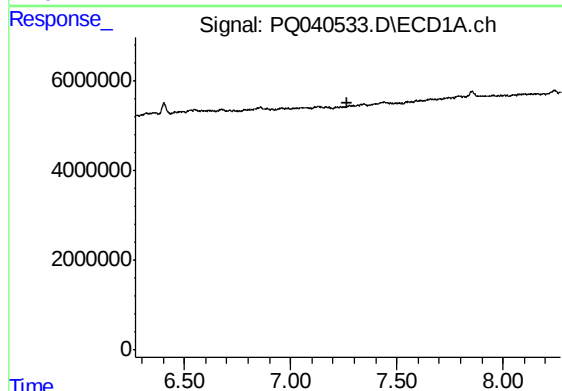
R.T.: 7.129 min
Delta R.T.: -0.027 min
Response: 850996
Conc: 4.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51E7



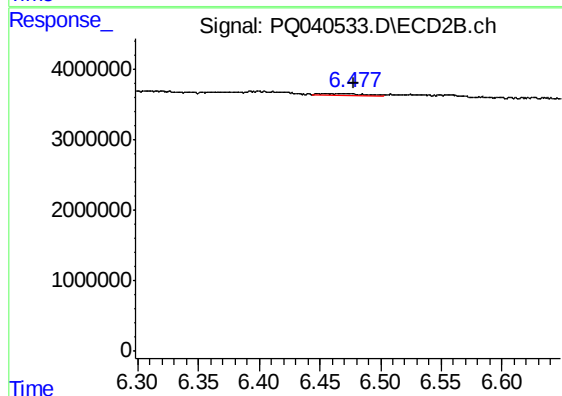
#5 AR-1016-3

R.T.: 6.399 min
Delta R.T.: -0.024 min
Response: 545031
Conc: 5.05 ng/ml



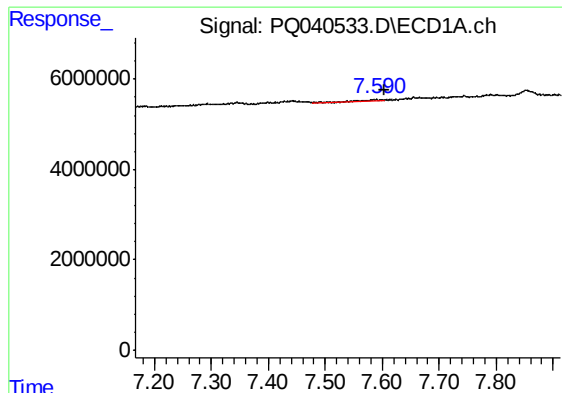
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 7.271 min
Response: 0
Conc: N.D.



#6 AR-1016-4

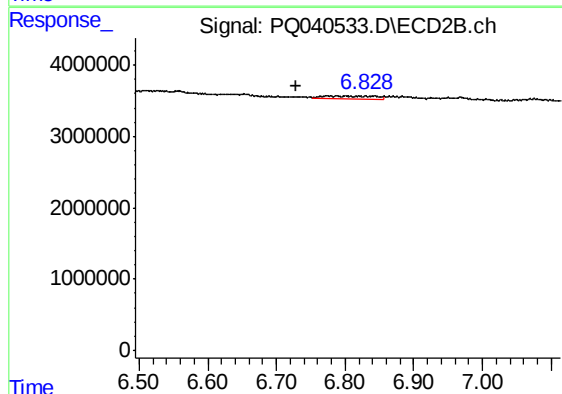
R.T.: 6.456 min
Delta R.T.: -0.022 min
Response: 393480
Conc: 4.62 ng/ml



#7 AR-1016-5

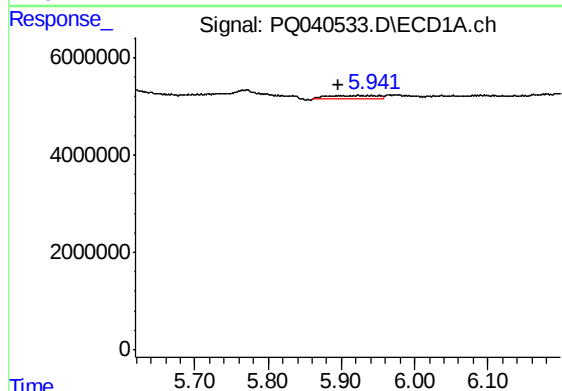
R.T.: 7.587 min
Delta R.T.: -0.016 min
Response: 1041502
Conc: 7.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51E7



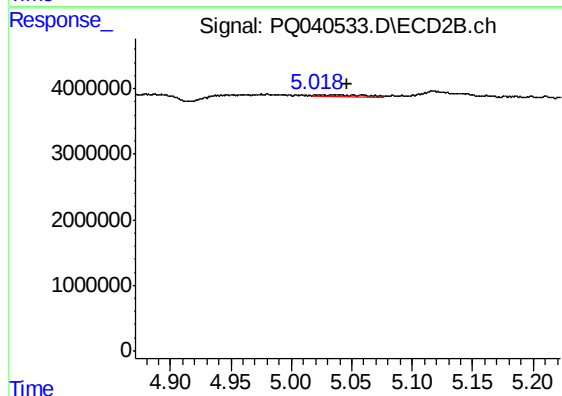
#7 AR-1016-5

R.T.: 6.788 min
Delta R.T.: 0.059 min
Response: 1788159
Conc: 15.53 ng/ml



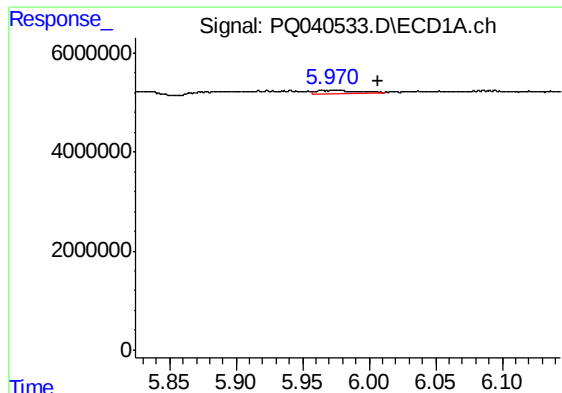
#8 AR-1221-1

R.T.: 5.941 min
Delta R.T.: 0.044 min
Response: 3118669
Conc: 89.00 ng/ml



#8 AR-1221-1

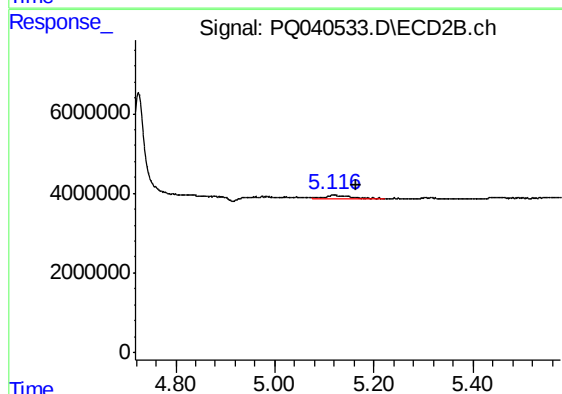
R.T.: 5.023 min
Delta R.T.: -0.024 min
Response: 616295
Conc: 25.15 ng/ml



#9 AR-1221-2

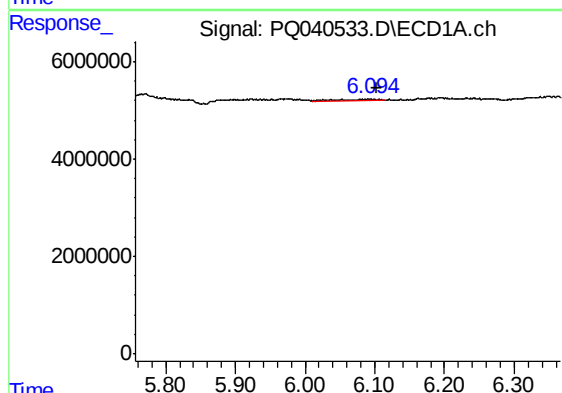
R.T.: 5.975 min
Delta R.T.: -0.031 min
Response: 1451152
Conc: 65.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51E7



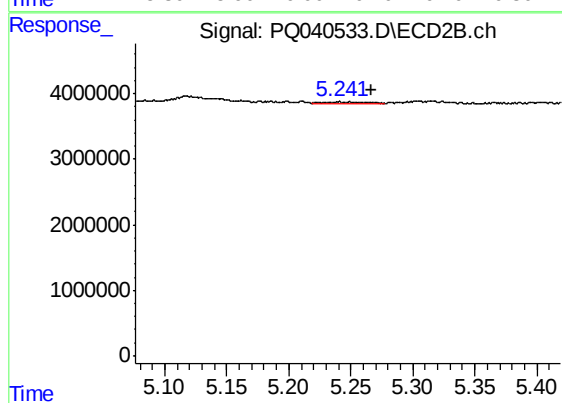
#9 AR-1221-2

R.T.: 5.118 min
Delta R.T.: -0.045 min
Response: 2801621
Conc: 172.01 ng/ml



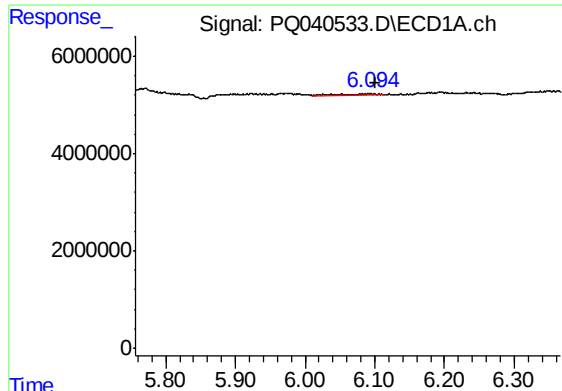
#10 AR-1221-3

R.T.: 6.094 min
Delta R.T.: -0.009 min
Response: 1355454
Conc: 15.34 ng/ml



#10 AR-1221-3

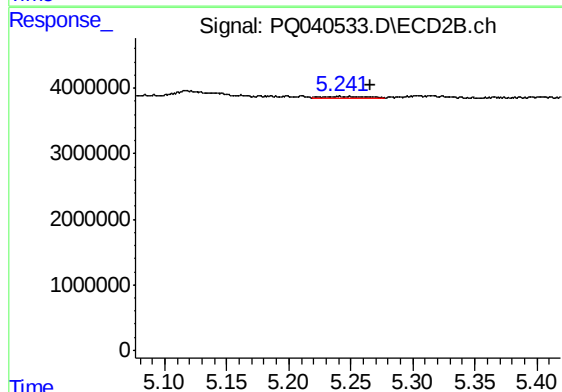
R.T.: 5.240 min
Delta R.T.: -0.027 min
Response: 352300
Conc: 5.79 ng/ml



#11 AR-1232-1

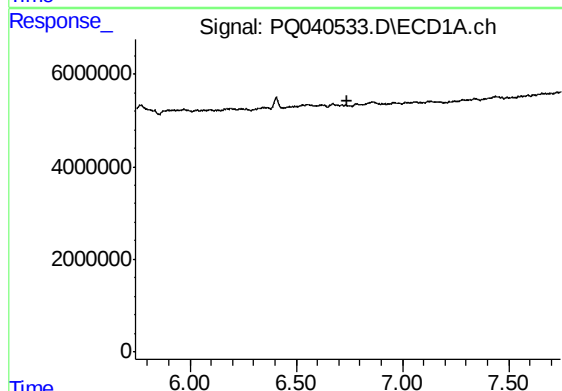
R.T.: 6.094 min
Delta R.T.: -0.007 min
Response: 1355454
Conc: 20.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51E7



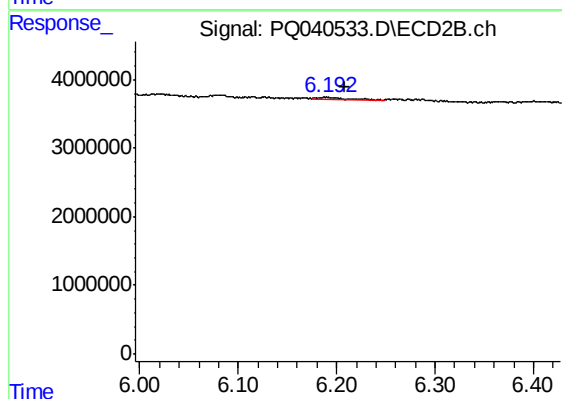
#11 AR-1232-1

R.T.: 5.240 min
Delta R.T.: -0.025 min
Response: 352300
Conc: 7.69 ng/ml



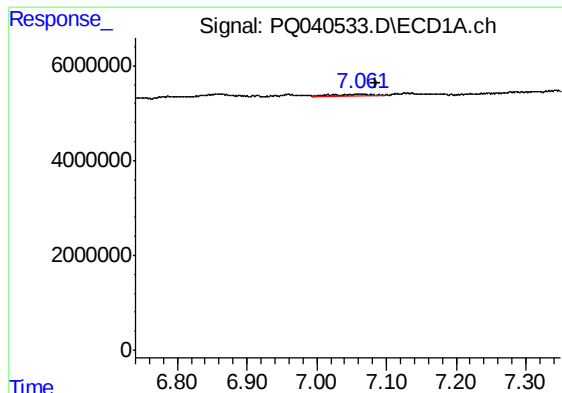
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.743 min
Response: 0
Conc: N.D.



#12 AR-1232-2

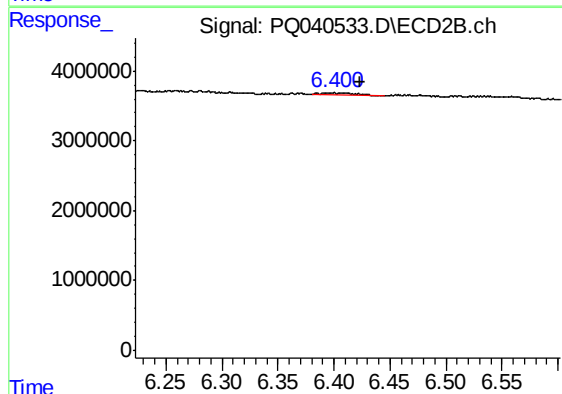
R.T.: 6.191 min
Delta R.T.: -0.018 min
Response: 349862
Conc: 5.83 ng/ml



#13 AR-1232-3

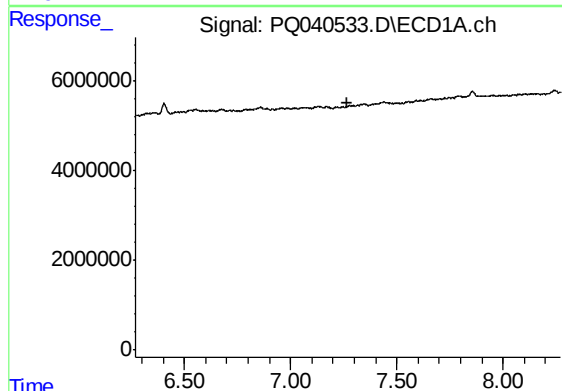
R.T.: 7.064 min
Delta R.T.: -0.021 min
Response: 1349171
Conc: 16.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51E7



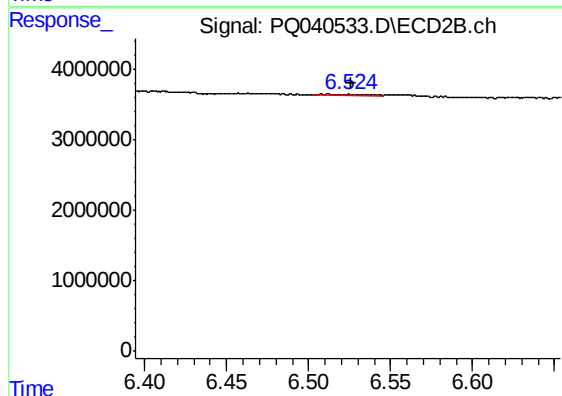
#13 AR-1232-3

R.T.: 6.399 min
Delta R.T.: -0.024 min
Response: 545031
Conc: 15.50 ng/ml



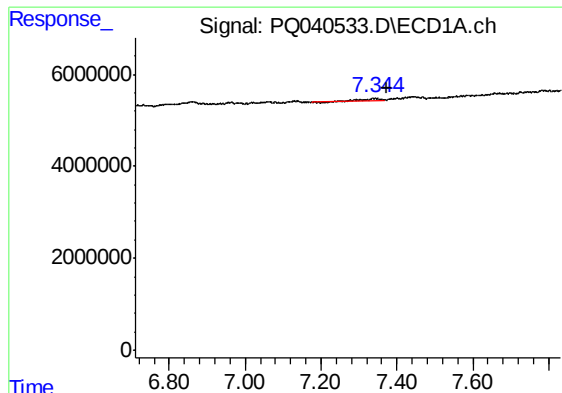
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 7.270 min
Response: 0
Conc: N.D.



#14 AR-1232-4

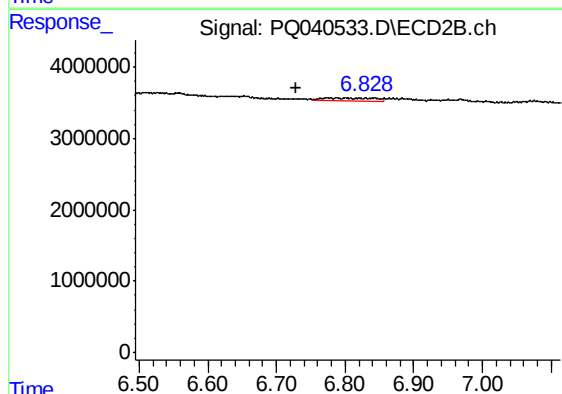
R.T.: 6.509 min
Delta R.T.: -0.017 min
Response: 423217
Conc: 14.32 ng/ml



#15 AR-1232-5

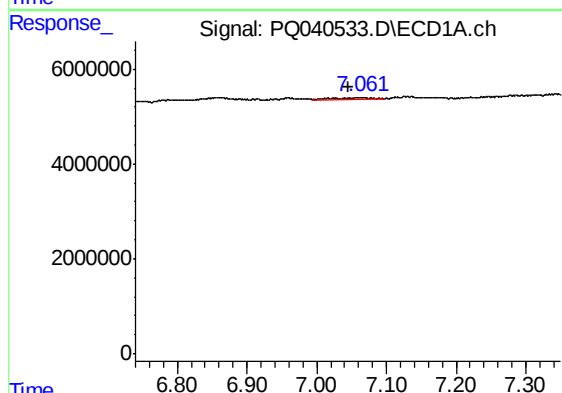
R.T.: 7.344 min
Delta R.T.: -0.028 min
Response: 1281748
Conc: 40.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51E7



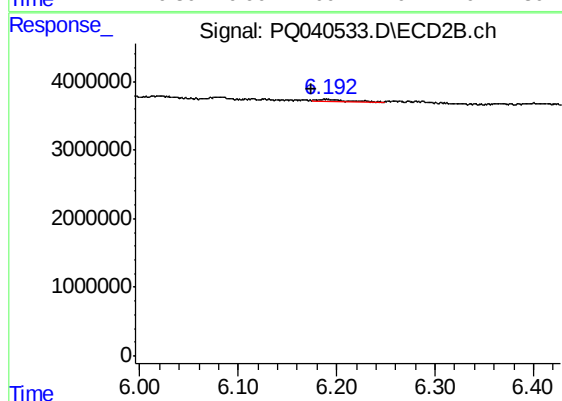
#15 AR-1232-5

R.T.: 6.788 min
Delta R.T.: 0.059 min
Response: 1788159
Conc: 59.40 ng/ml



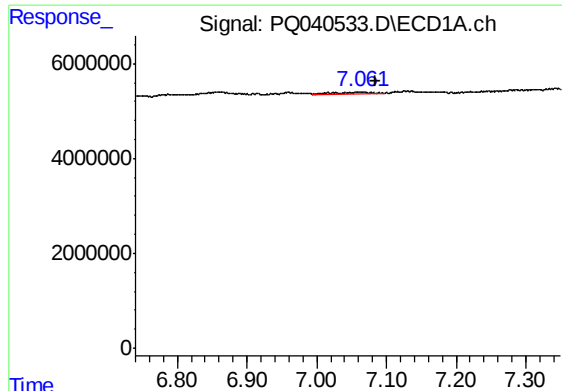
#16 AR-1242-1

R.T.: 7.064 min
Delta R.T.: 0.019 min
Response: 1349171
Conc: 13.92 ng/ml



#16 AR-1242-1

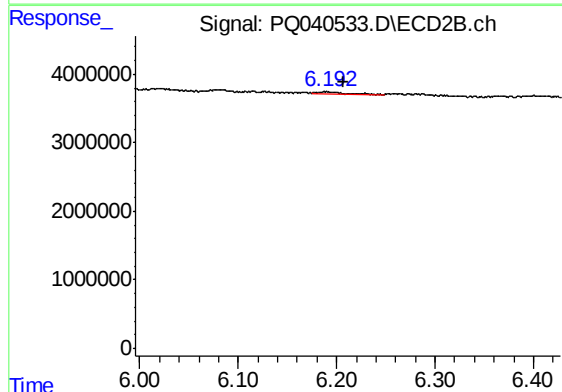
R.T.: 6.191 min
Delta R.T.: 0.016 min
Response: 349862
Conc: 4.73 ng/ml



#17 AR-1242-2

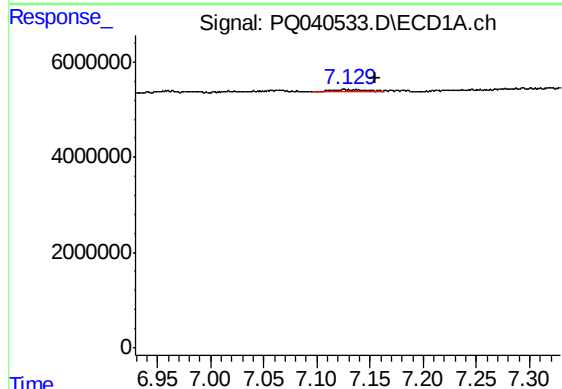
R.T.: 7.064 min
Delta R.T.: -0.021 min
Response: 1349171
Conc: 9.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51E7



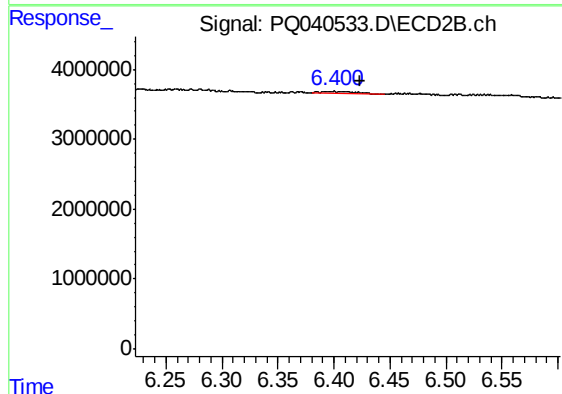
#17 AR-1242-2

R.T.: 6.191 min
Delta R.T.: -0.017 min
Response: 349862
Conc: 3.29 ng/ml



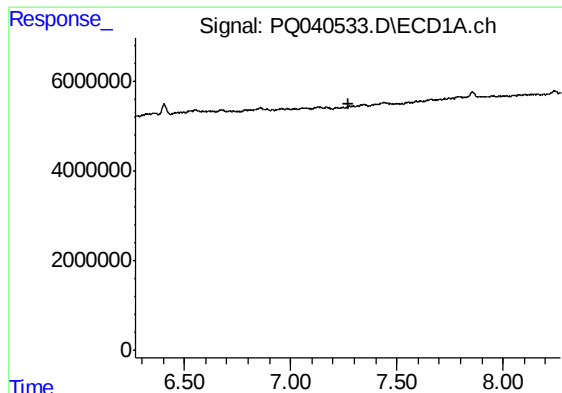
#18 AR-1242-3

R.T.: 7.129 min
Delta R.T.: -0.026 min
Response: 850996
Conc: 9.14 ng/ml



#18 AR-1242-3

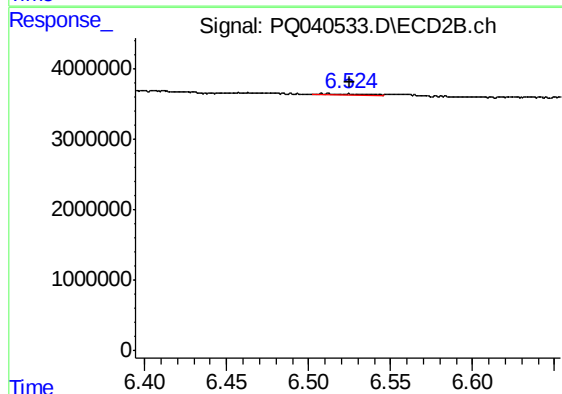
R.T.: 6.399 min
Delta R.T.: -0.024 min
Response: 545031
Conc: 9.04 ng/ml



#19 AR-1242-4

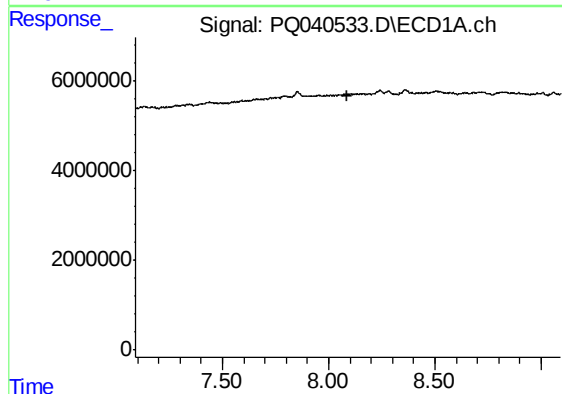
R.T.: 0.000 min
Exp R.T. : 7.270 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
A51E7



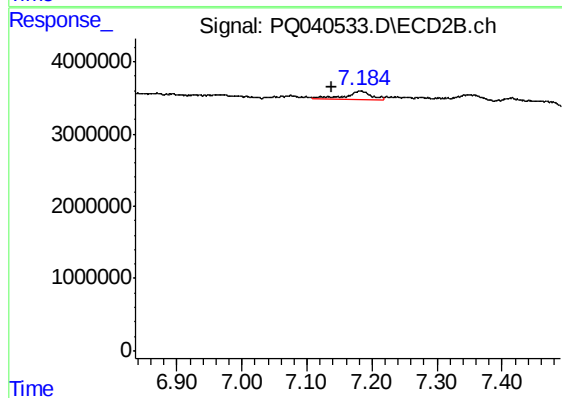
#19 AR-1242-4

R.T.: 6.509 min
Delta R.T.: -0.016 min
Response: 423217
Conc: 7.10 ng/ml



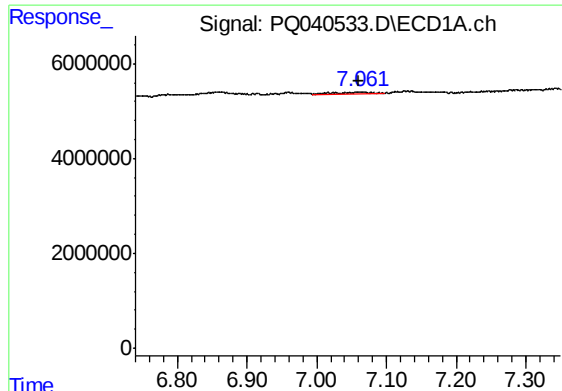
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 8.090 min
Response: 0
Conc: N.D.



#20 AR-1242-5

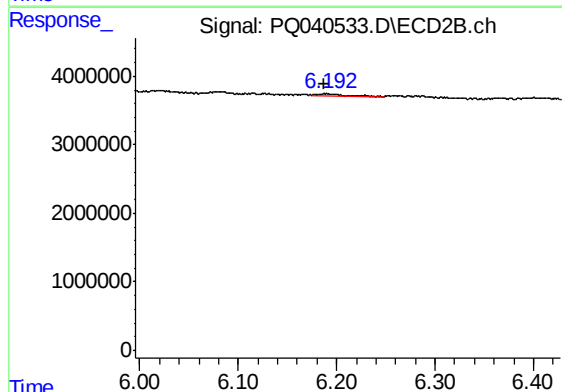
R.T.: 7.182 min
Delta R.T.: 0.044 min
Response: 3416999
Conc: 42.40 ng/ml



#21 AR-1248-1

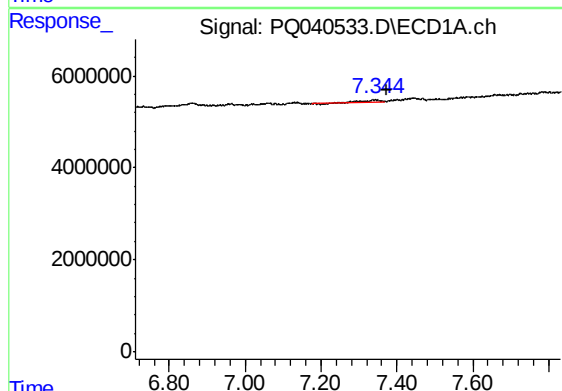
R.T.: 7.064 min
Delta R.T.: 0.003 min
Response: 1349171
Conc: 17.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51E7



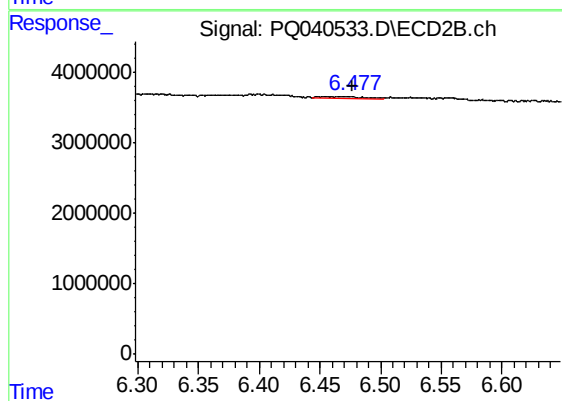
#21 AR-1248-1

R.T.: 6.191 min
Delta R.T.: 0.003 min
Response: 349862
Conc: 6.07 ng/ml



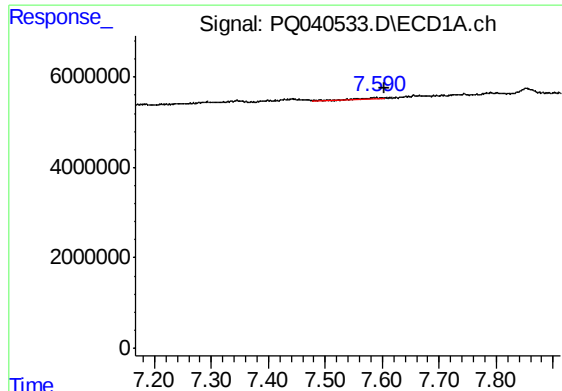
#22 AR-1248-2

R.T.: 7.344 min
Delta R.T.: -0.030 min
Response: 1281748
Conc: 11.38 ng/ml



#22 AR-1248-2

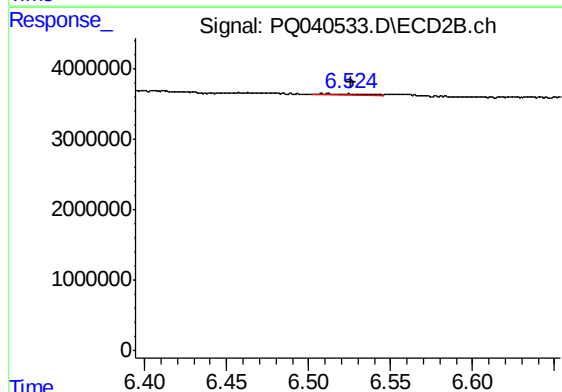
R.T.: 6.456 min
Delta R.T.: -0.021 min
Response: 393480
Conc: 4.48 ng/ml



#23 AR-1248-3

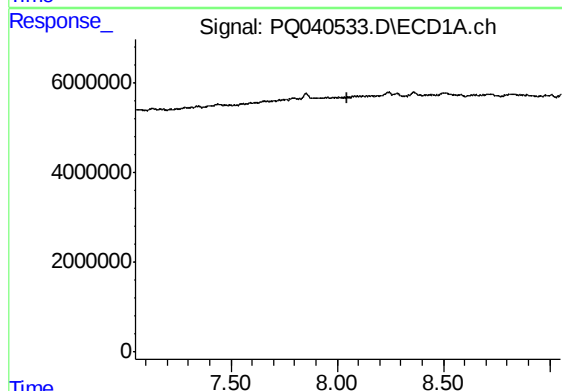
R.T.: 7.587 min
Delta R.T.: -0.016 min
Response: 1041502
Conc: 7.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51E7



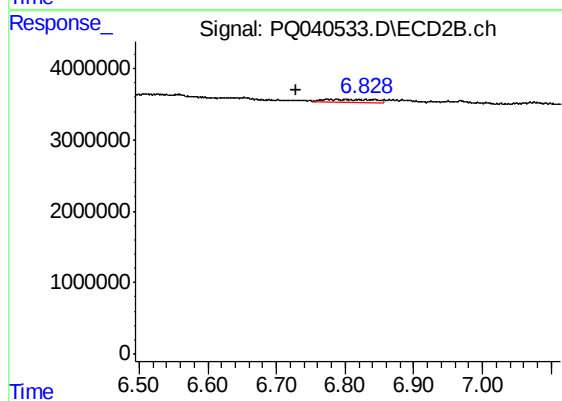
#23 AR-1248-3

R.T.: 6.509 min
Delta R.T.: -0.017 min
Response: 423217
Conc: 4.68 ng/ml



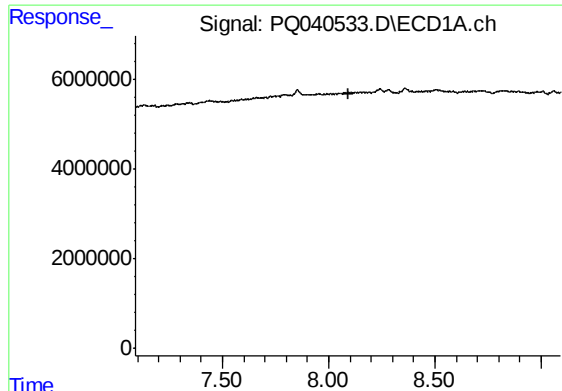
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 8.050 min
Response: 0
Conc: N.D.



#24 AR-1248-4

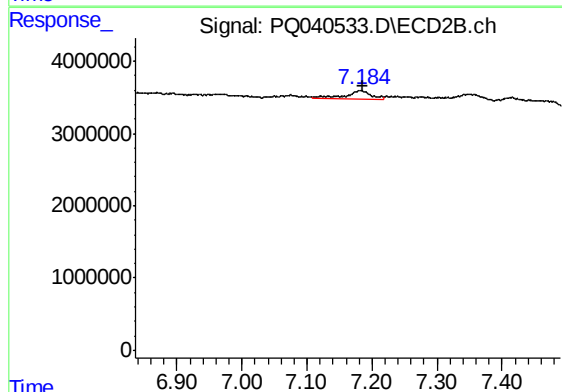
R.T.: 6.788 min
Delta R.T.: 0.059 min
Response: 1788159
Conc: 16.19 ng/ml



#25 AR-1248-5

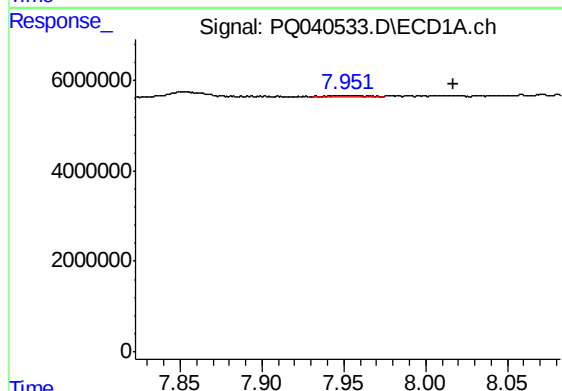
R.T.: 0.000 min
Exp R.T.: 8.091 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
A51E7



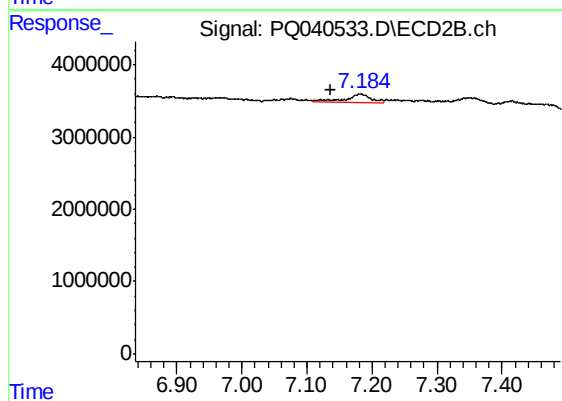
#25 AR-1248-5

R.T.: 7.182 min
Delta R.T.: -0.003 min
Response: 3416999
Conc: 30.10 ng/ml



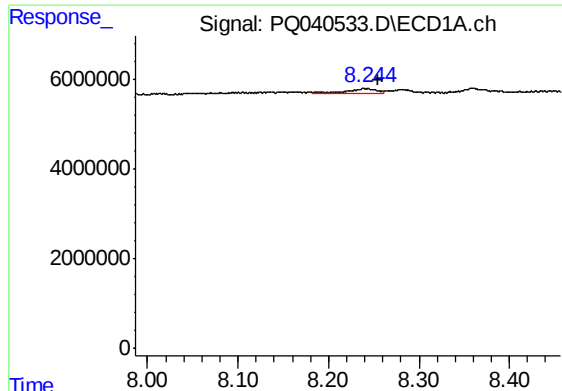
#26 AR-1254-1

R.T.: 7.953 min
Delta R.T.: -0.064 min
Response: 455260
Conc: 2.61 ng/ml



#26 AR-1254-1

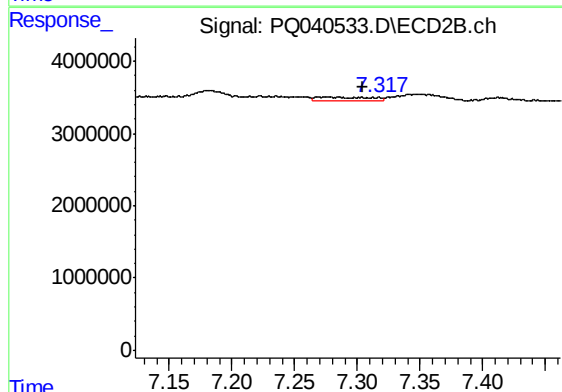
R.T.: 7.182 min
Delta R.T.: 0.046 min
Response: 3416999
Conc: 17.84 ng/ml



#27 AR-1254-2

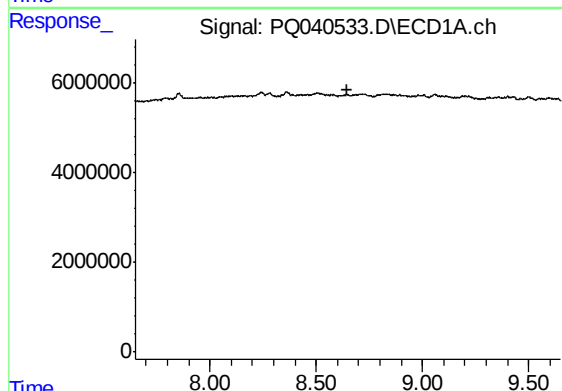
R.T.: 8.243 min
Delta R.T.: -0.011 min
Response: 2527195
Conc: 9.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51E7



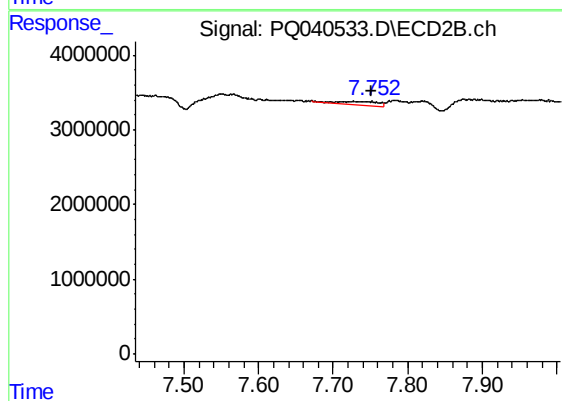
#27 AR-1254-2

R.T.: 7.274 min
Delta R.T.: -0.030 min
Response: 1313575
Conc: 7.56 ng/ml



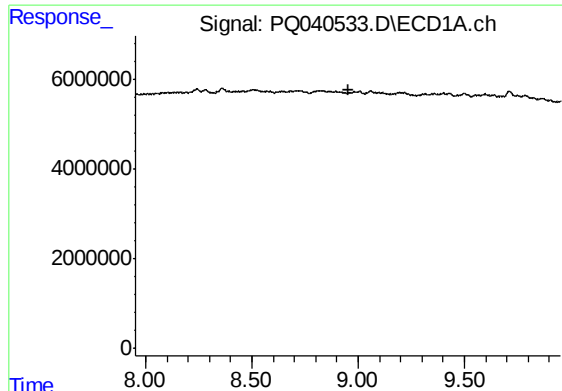
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 8.650 min
Response: 0
Conc: N.D.



#28 AR-1254-3

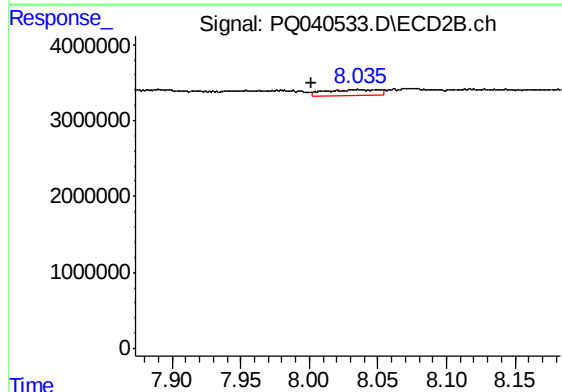
R.T.: 7.728 min
Delta R.T.: -0.024 min
Response: 1530497
Conc: 5.30 ng/ml



#29 AR-1254-4

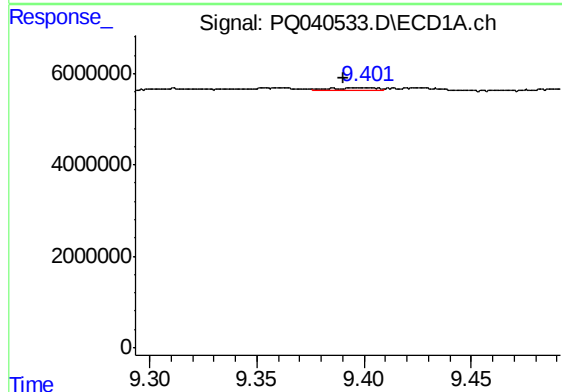
R.T.: 0.000 min
Exp R.T.: 8.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
A51E7



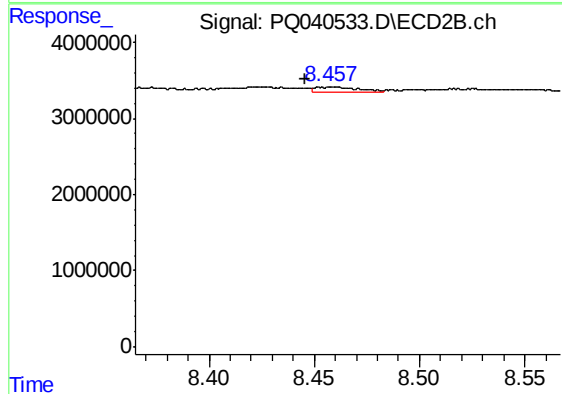
#29 AR-1254-4

R.T.: 8.033 min
Delta R.T.: 0.031 min
Response: 2175821
Conc: 12.19 ng/ml



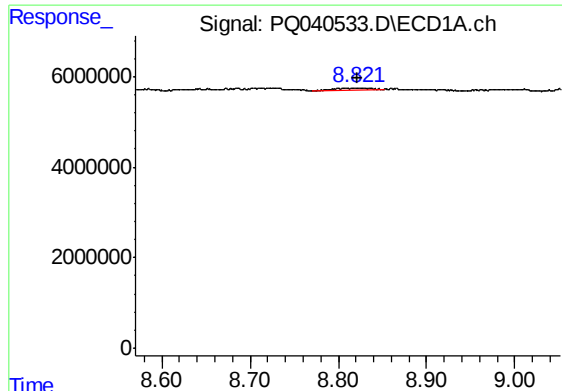
#30 AR-1254-5

R.T.: 9.399 min
Delta R.T.: 0.009 min
Response: 921173
Conc: 3.20 ng/ml



#30 AR-1254-5

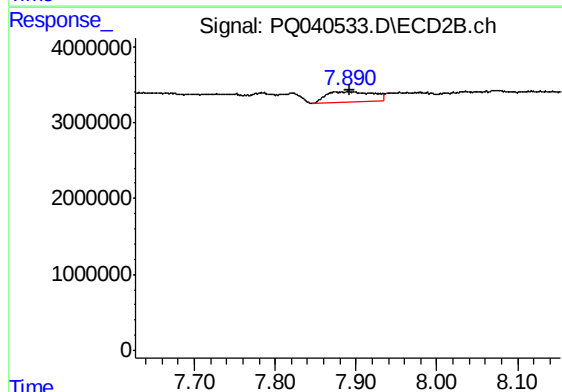
R.T.: 8.458 min
Delta R.T.: 0.013 min
Response: 874514
Conc: 3.39 ng/ml



#31 AR-1260-1

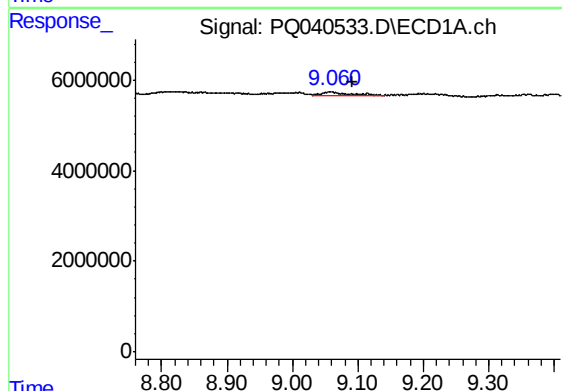
R.T.: 8.819 min
Delta R.T.: -0.003 min
Response: 1292201
Conc: 3.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51E7



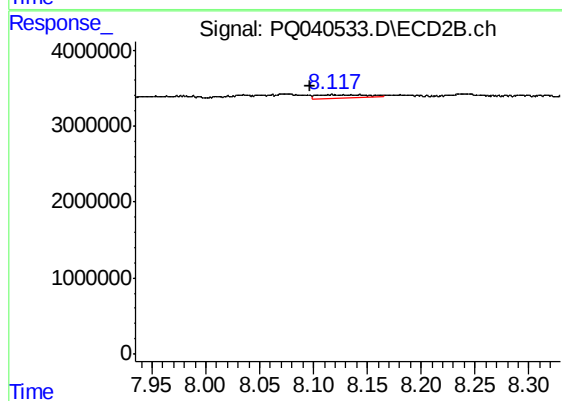
#31 AR-1260-1

R.T.: 7.889 min
Delta R.T.: -0.003 min
Response: 5574243
Conc: 20.33 ng/ml



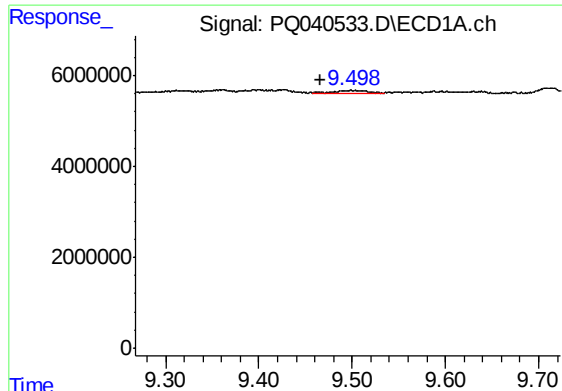
#32 AR-1260-2

R.T.: 9.058 min
Delta R.T.: -0.035 min
Response: 1999716
Conc: 4.95 ng/ml



#32 AR-1260-2

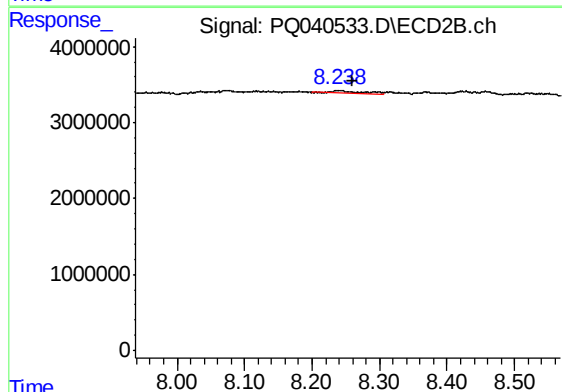
R.T.: 8.118 min
Delta R.T.: 0.020 min
Response: 1476266
Conc: 4.27 ng/ml



#33 AR-1260-3

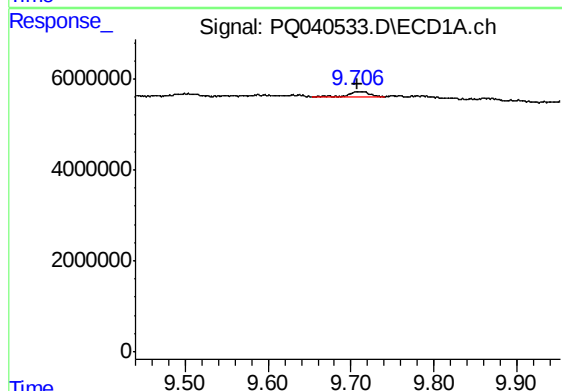
R.T.: 9.499 min
Delta R.T.: 0.033 min
Response: 1420546
Conc: 4.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51E7



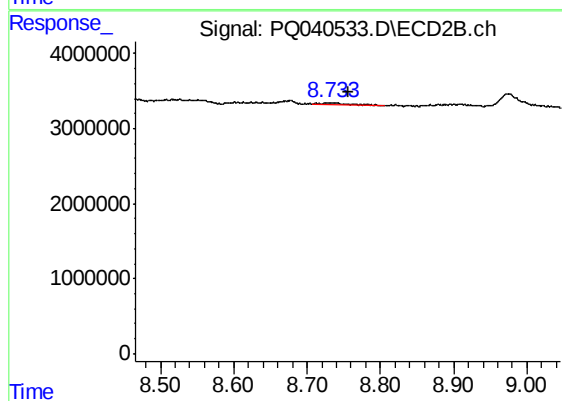
#33 AR-1260-3

R.T.: 8.237 min
Delta R.T.: -0.023 min
Response: 971648
Conc: 3.03 ng/ml



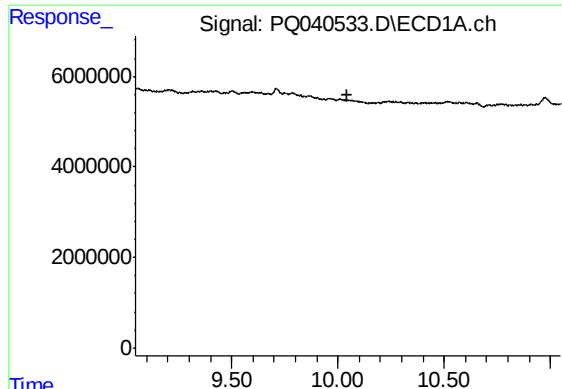
#34 AR-1260-4

R.T.: 9.710 min
Delta R.T.: 0.003 min
Response: 1891929
Conc: 5.13 ng/ml



#34 AR-1260-4

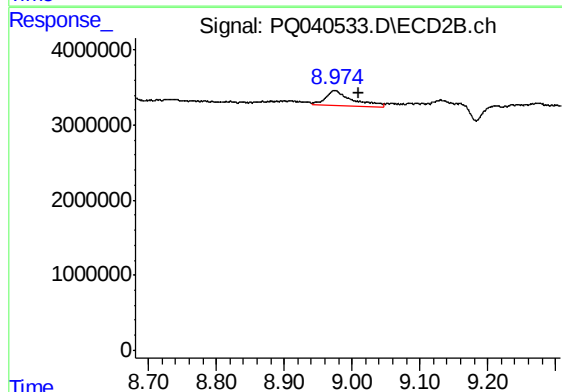
R.T.: 8.733 min
Delta R.T.: -0.024 min
Response: 760957
Conc: 2.80 ng/ml



#35 AR-1260-5

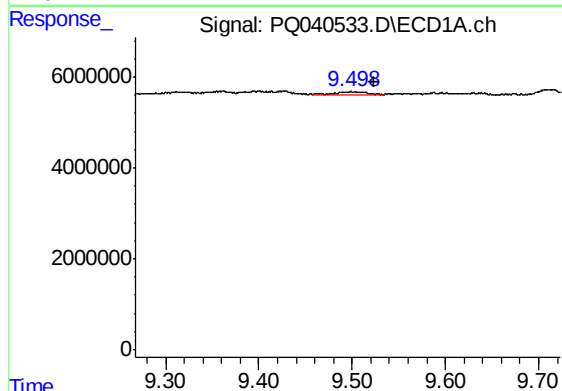
R.T.: 0.000 min
Exp R.T.: 10.047 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
A51E7



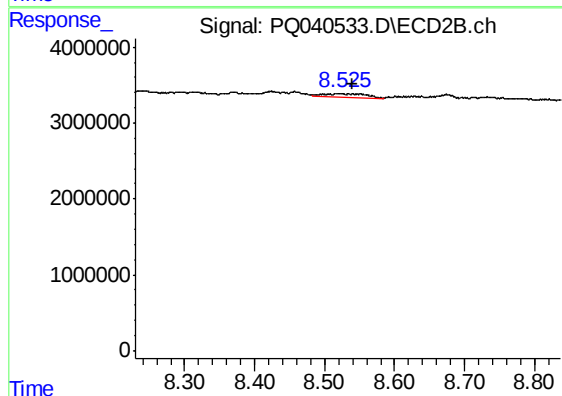
#35 AR-1260-5

R.T.: 8.975 min
Delta R.T.: -0.036 min
Response: 5458257
Conc: 8.12 ng/ml



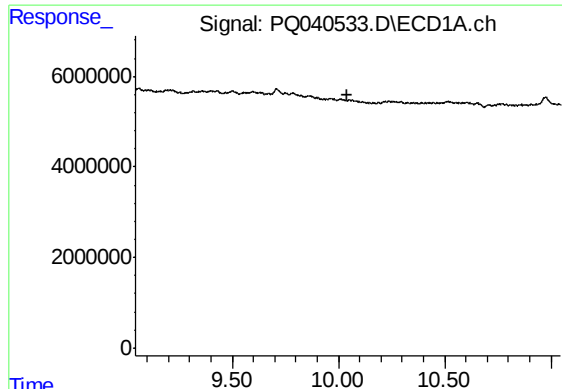
#36 AR-1262-1

R.T.: 9.499 min
Delta R.T.: -0.025 min
Response: 1420546
Conc: 10.22 ng/ml



#36 AR-1262-1

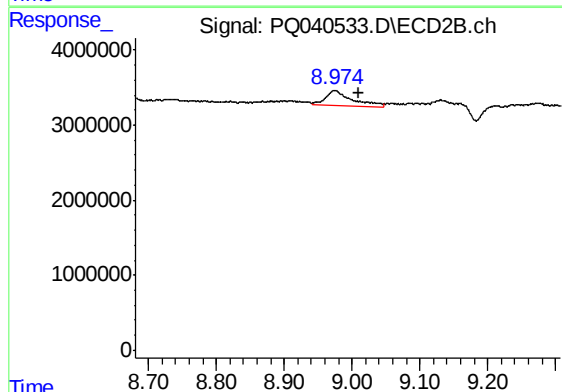
R.T.: 8.519 min
Delta R.T.: -0.020 min
Response: 2099434
Conc: 18.49 ng/ml



#37 AR-1262-2

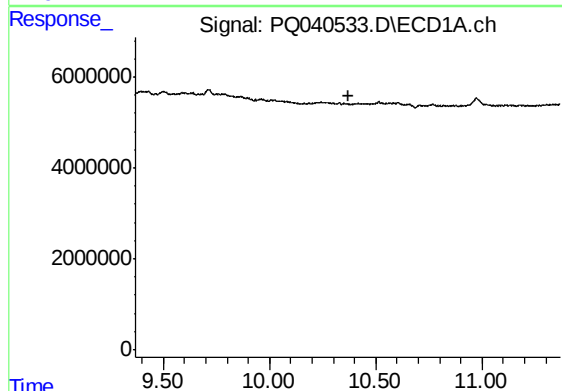
R.T.: 0.000 min
Exp R.T. : 10.045 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
A51E7



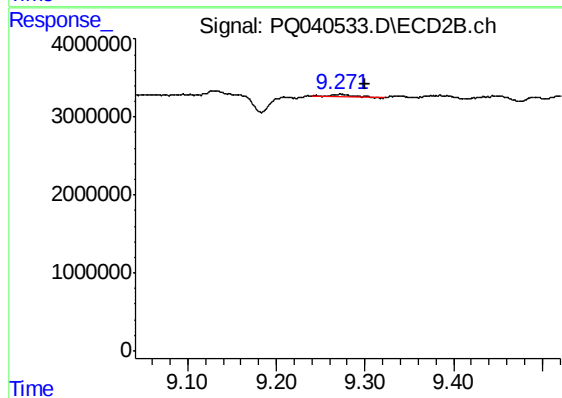
#37 AR-1262-2

R.T.: 8.975 min
Delta R.T.: -0.035 min
Response: 5458257
Conc: 11.00 ng/ml



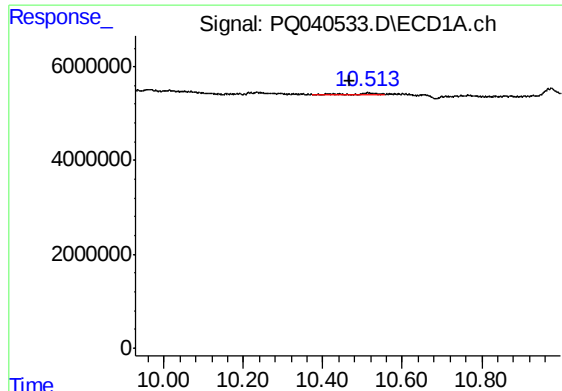
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 10.369 min
Response: 0
Conc: N.D.



#38 AR-1262-3

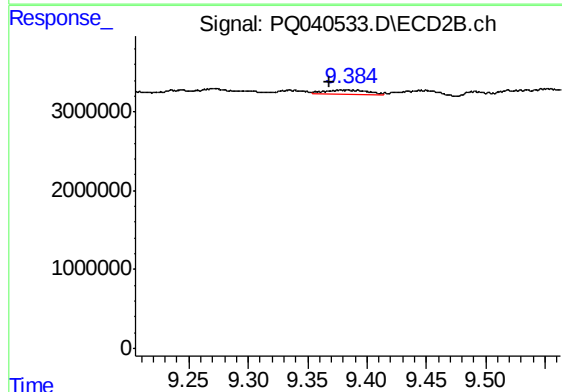
R.T.: 9.272 min
Delta R.T.: -0.028 min
Response: 567811
Conc: 2.70 ng/ml



#39 AR-1262-4

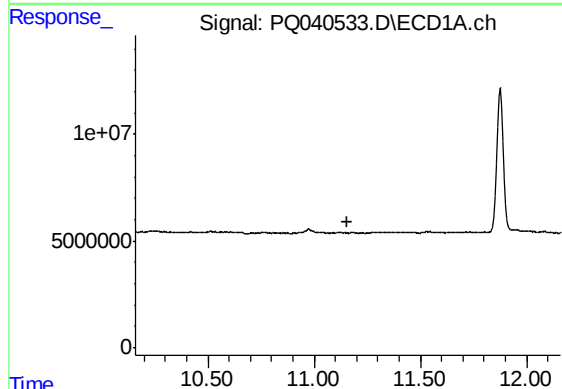
R.T.: 10.513 min
Delta R.T.: 0.046 min
Response: 1298593
Conc: 3.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51E7



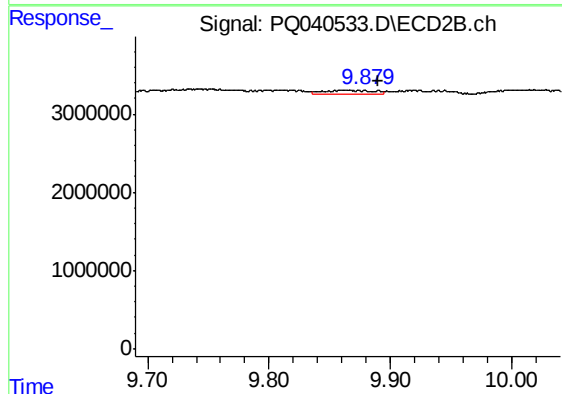
#39 AR-1262-4

R.T.: 9.383 min
Delta R.T.: 0.015 min
Response: 1231226
Conc: 3.25 ng/ml



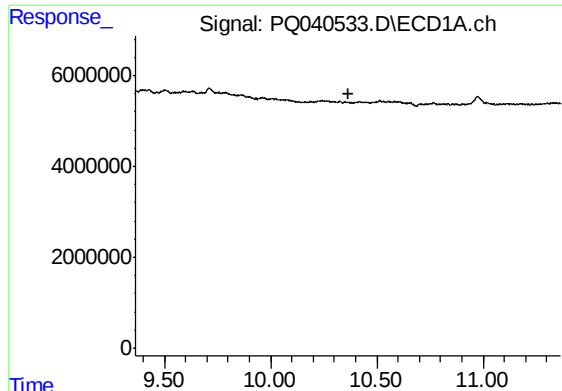
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 11.159 min
Response: 0
Conc: N.D.



#40 AR-1262-5

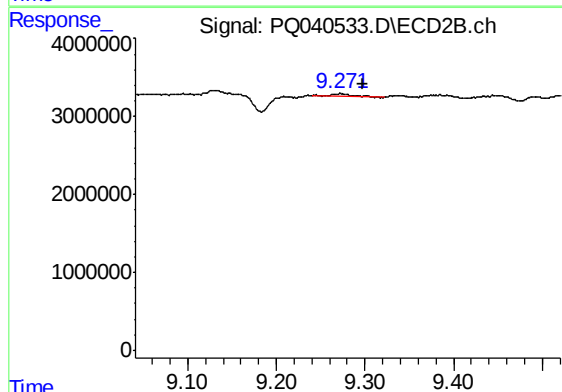
R.T.: 9.863 min
Delta R.T.: -0.027 min
Response: 1382521
Conc: 8.53 ng/ml



#41 AR-1268-1

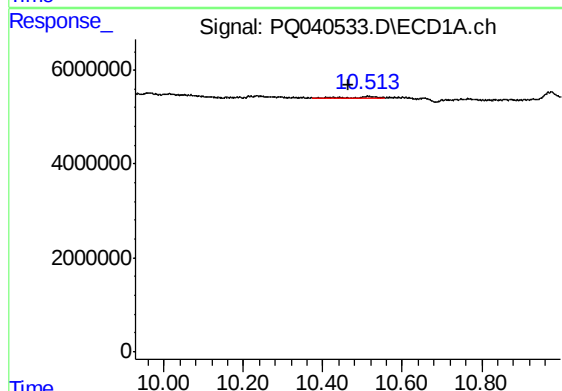
R.T.: 0.000 min
Exp R.T.: 10.364 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
A51E7



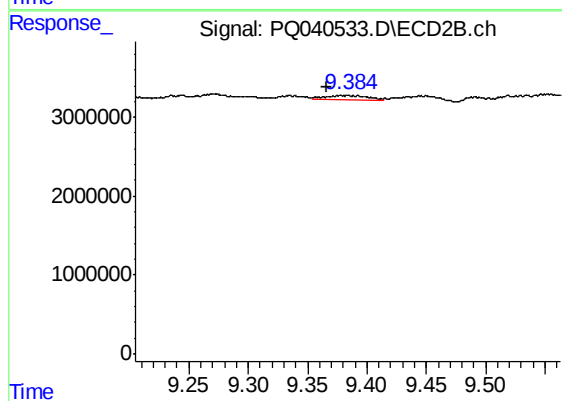
#41 AR-1268-1

R.T.: 9.272 min
Delta R.T.: -0.025 min
Response: 567811
Conc: 1.24 ng/ml



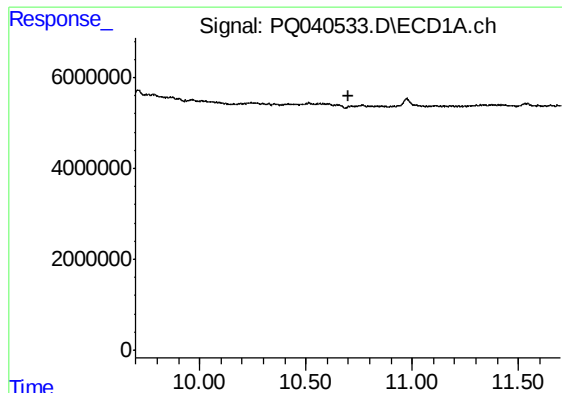
#42 AR-1268-2

R.T.: 10.513 min
Delta R.T.: 0.049 min
Response: 1298593
Conc: 2.11 ng/ml



#42 AR-1268-2

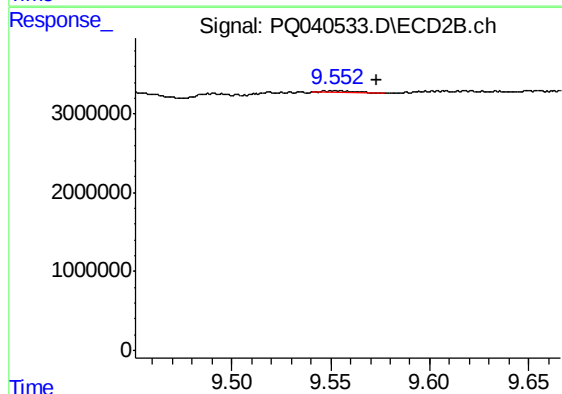
R.T.: 9.383 min
Delta R.T.: 0.018 min
Response: 1231226
Conc: 2.82 ng/ml



#43 AR-1268-3

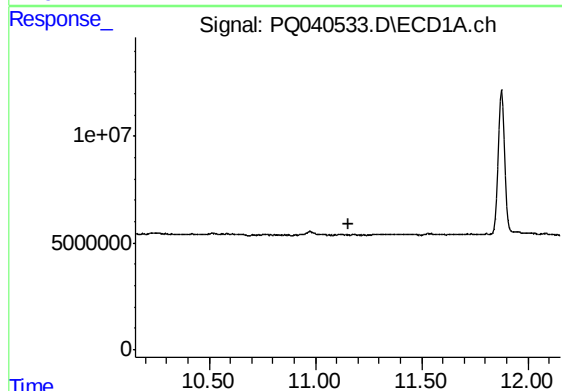
R.T.: 10.767 min
Delta R.T.: 0.069 min
Response: -95632
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
A51E7



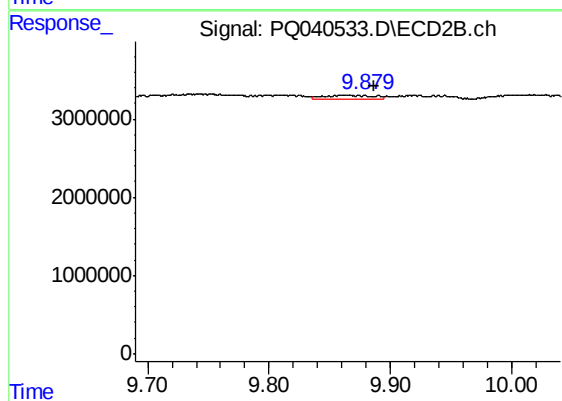
#43 AR-1268-3

R.T.: 9.552 min
Delta R.T.: -0.021 min
Response: 240180
Conc: 0.64 ng/ml



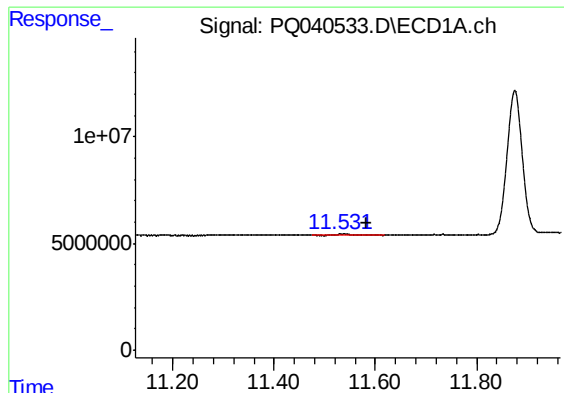
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 11.153 min
Response: 0
Conc: N.D.



#44 AR-1268-4

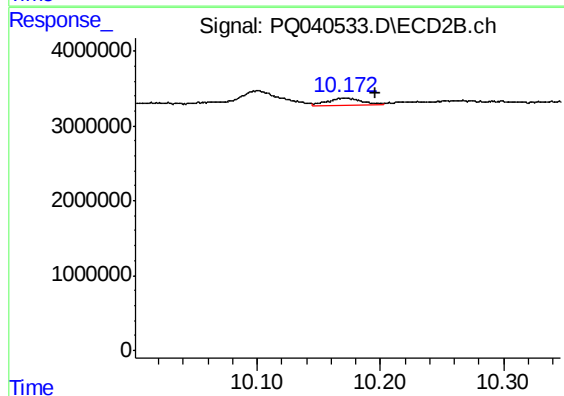
R.T.: 9.863 min
Delta R.T.: -0.024 min
Response: 1382521
Conc: 10.03 ng/ml



#45 AR-1268-5

R.T.: 11.537 min
Delta R.T.: -0.045 min
Response: 1447234
Conc: 0.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51E7



#45 AR-1268-5

R.T.: 10.172 min
Delta R.T.: -0.024 min
Response: 1818455
Conc: 1.54 ng/ml