

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052819\
 Data File : PQ040319.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 May 2019 20:19
 Operator : SM\AJ
 Sample : K2948-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BFH97

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 01:40:57 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...	5.594	4.733	63994681	47831961	19.535	22.270
2)	SA Decachlor...	11.897	10.450	258.6E6	155.1E6	36.205	37.296
Target Compounds							
3)	L1 AR-1016-1	7.129	6.124	775411	-6777	4.635	N.D. #
4)	L1 AR-1016-2	7.129	0.000	775411	0	2.949	N.D. #
5)	L1 AR-1016-3	7.129	6.412	775411	906977	4.543	8.410 #
6)	L1 AR-1016-4	0.000	6.412	0	906977	N.D.	10.652 #
7)	L1 AR-1016-5	7.656	6.739	2070634	1100163	14.926	9.555 #
8)	L2 AR-1221-1	5.877	5.039	393670	1076580	11.234	43.930 #
9)	L2 AR-1221-2	5.986	5.150	2660861	4203001	120.773	258.047 #
10)	L2 AR-1221-3	0.000	5.304	0	68781	N.D.	1.131 #
11)	L3 AR-1232-1	0.000	5.304	0	68781	N.D.	1.501 #
12)	L3 AR-1232-2	6.745	0.000	420890	0	10.616	N.D. #
13)	L3 AR-1232-3	7.129	6.412	775411	906977	9.595	25.790 #
14)	L3 AR-1232-4	0.000	6.548	0	1239935	N.D.	41.963 #
15)	L3 AR-1232-5	7.434	6.739	1687387	1100163	53.242	36.545 #
16)	L4 AR-1242-1	7.129	6.124	775411	-6777	7.998	N.D. #
17)	L4 AR-1242-2	7.129	0.000	775411	0	5.365	N.D. #
18)	L4 AR-1242-3	7.129	6.412	775411	906977	8.330	15.035 #
19)	L4 AR-1242-4	0.000	6.548	0	1239935	N.D.	20.804 #
20)	L4 AR-1242-5	8.053	7.167	1569452	338742	18.103	4.203 #
21)	L5 AR-1248-1	7.129	6.124	775411	-6777	10.018	N.D. #
22)	L5 AR-1248-2	7.434	6.412	1687387	906977	14.981	10.316 #
23)	L5 AR-1248-3	7.656	6.548	2070634	1239935	15.002	13.703
24)	L5 AR-1248-4	8.053	6.739	1569452	1100163	10.396	9.963
25)	L5 AR-1248-5	8.053	7.167	1569452	338742	10.424	2.984 #
26)	L6 AR-1254-1	8.053	7.167	1569452	338742	8.999	1.769 #
27)	L6 AR-1254-2	8.269	7.339	1946813	724740	7.040	4.172 #
28)	L6 AR-1254-3	8.639	7.747	2324978	3422746	7.834	11.844 #
29)	L6 AR-1254-4	8.891	8.044	761554	766818	3.664	4.295
30)	L6 AR-1254-5	9.373	8.431	1557350	673087	5.408	2.613 #
31)	L7 AR-1260-1	8.802	7.909	1207988	1630974	3.634	5.949 #
32)	L7 AR-1260-2	9.047	8.077	1445253	576862	3.578	1.668 #
33)	L7 AR-1260-3	9.453	8.245	934447	556396	2.833	1.735 #
34)	L7 AR-1260-4	0.000	8.757	0	1175814	N.D.	4.327 #
35)	L7 AR-1260-5	0.000	8.969	0	375953	N.D.	0.559 #
36)	L8 AR-1262-1	9.504	8.561	1537364	208757	11.059	1.839 #
37)	L8 AR-1262-2	0.000	8.969	0	375953	N.D.	0.758 #
38)	L8 AR-1262-3	0.000	9.350	0	515904	N.D.	2.454 #
39)	L8 AR-1262-4	10.523	9.350	1931341	515904	5.113	1.363 #
40)	L8 AR-1262-5	0.000	9.848	0	5643753	N.D.	34.810 #
41)	L9 AR-1268-1	0.000	9.350	0	515904	N.D.	1.131 #

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Integration File signal 1: autoint1.e
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 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 2019
 Response via : Initial Calibration
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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
42) L9	AR-1268-2	10.523	9.350	1931341	515904	3.139	1.180 #
43) L9	AR-1268-3	10.677	9.563	1421814	872475	2.618	2.324
44) L9	AR-1268-4	0.000	9.848	0	5643753	N.D.	40.961 #
45) L9	AR-1268-5	11.556	10.185	3245001	1069705	1.756	0.906 #

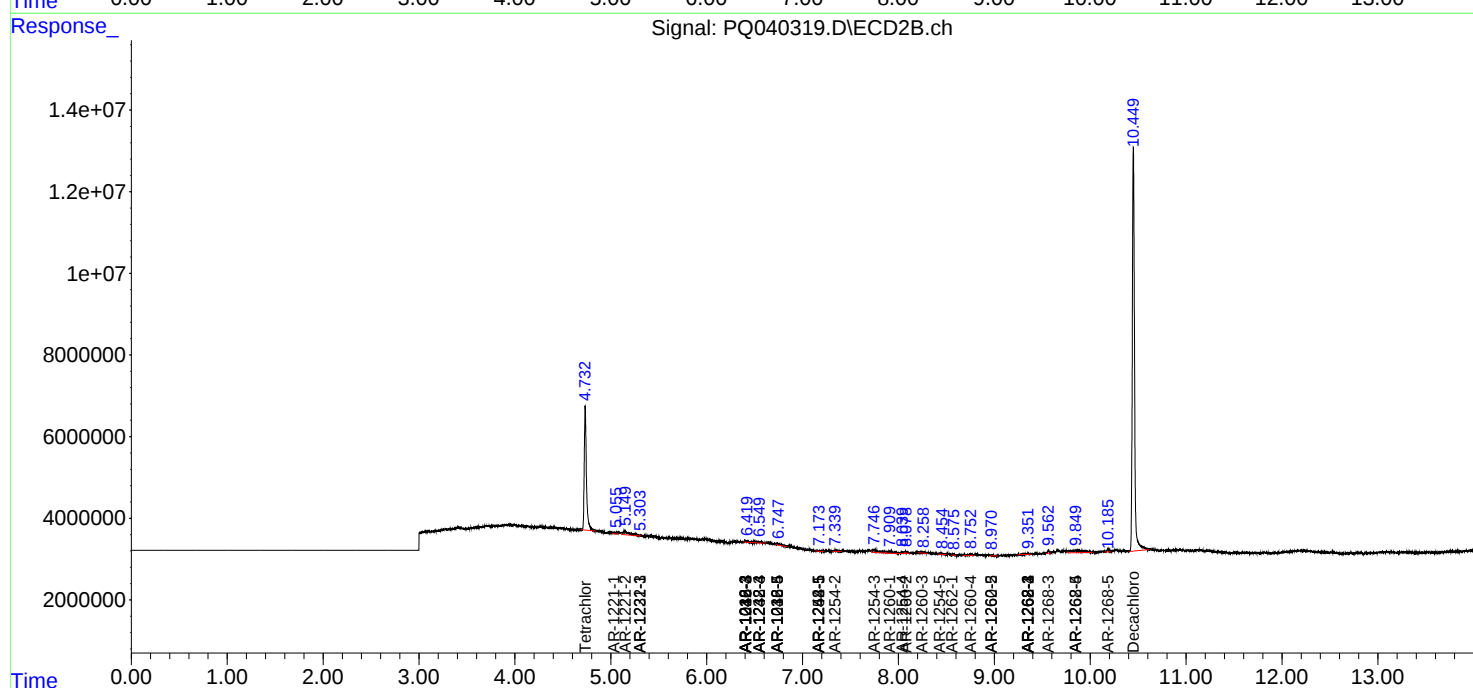
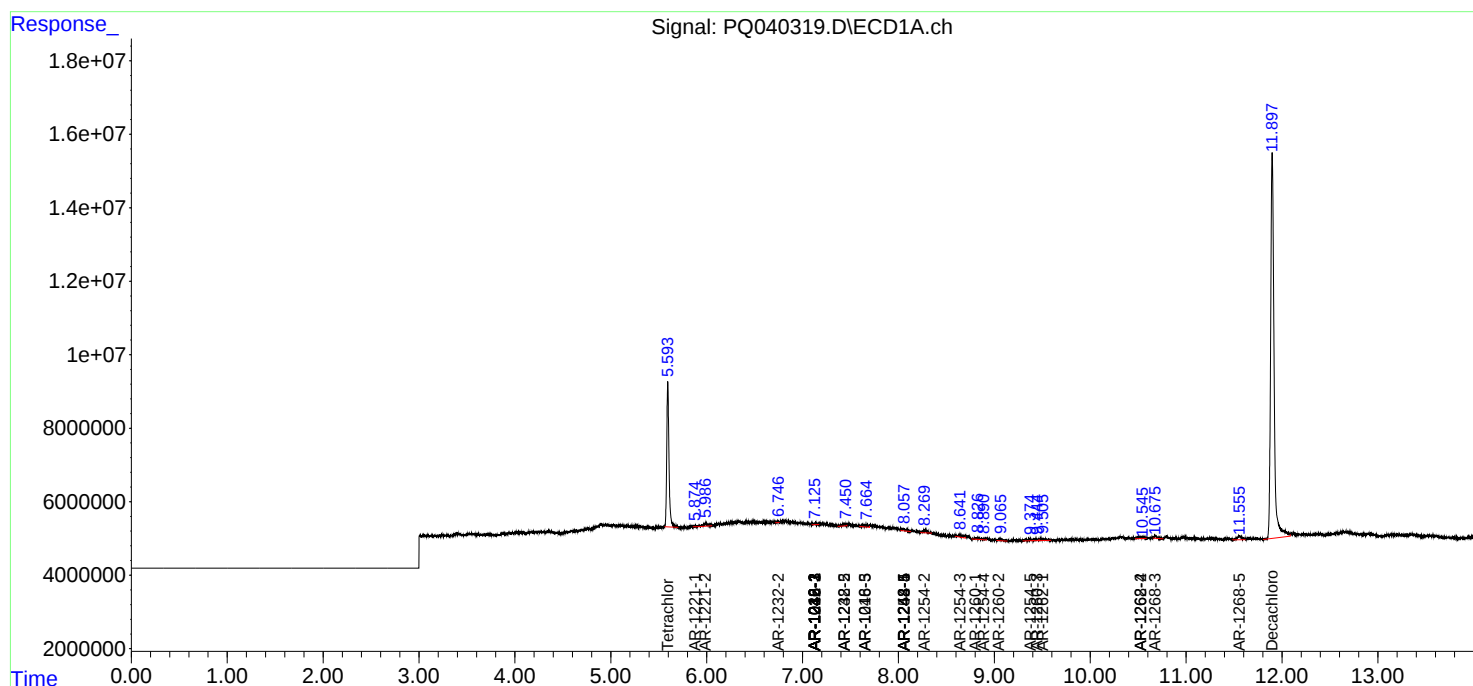
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

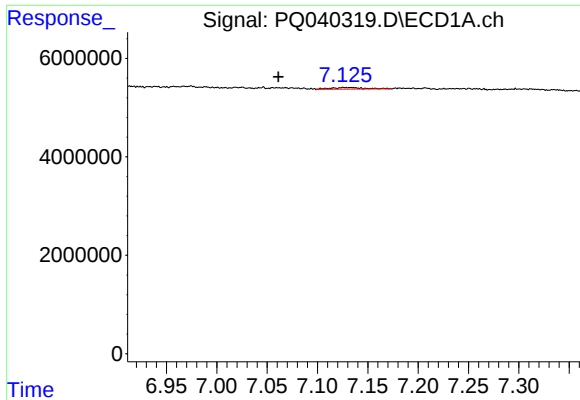
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052819\
Data File : PQ040319.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 May 2019 20:19
Operator : SM\AJ
Sample : K2948-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_Q
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 29 01:40:57 2019
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Quant Title : GC EXTRACTABLES
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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

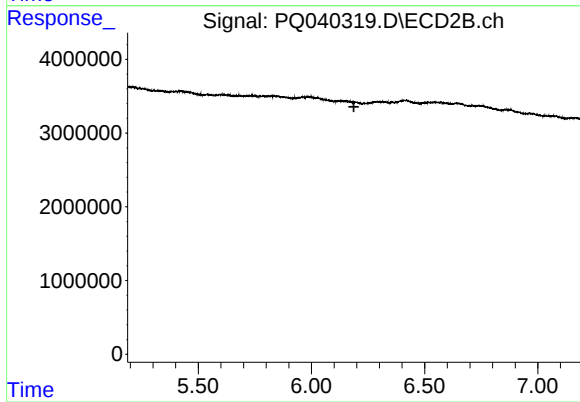




#3 AR-1016-1

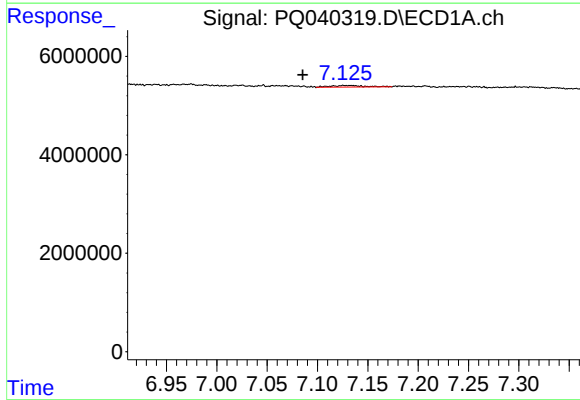
R.T.: 7.129 min
Delta R.T.: 0.068 min
Response: 775411
Conc: 4.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH97



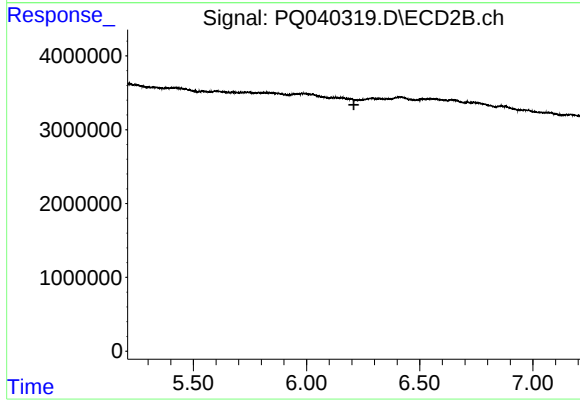
#3 AR-1016-1

R.T.: 6.124 min
Delta R.T.: -0.064 min
Response: -6777
Conc: N.D.



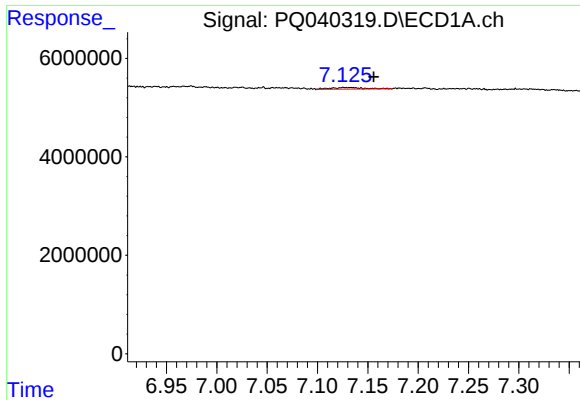
#4 AR-1016-2

R.T.: 7.129 min
Delta R.T.: 0.044 min
Response: 775411
Conc: 2.95 ng/ml



#4 AR-1016-2

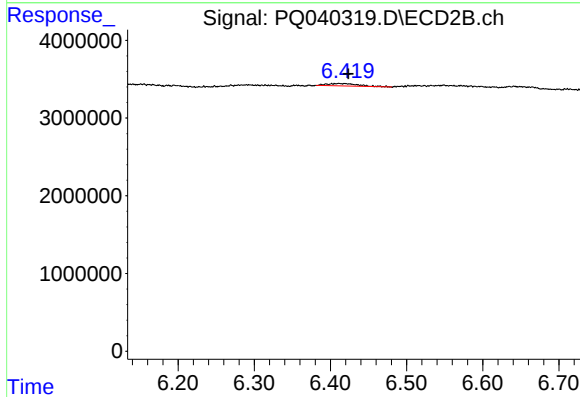
R.T.: 0.000 min
Exp R.T.: 6.209 min
Response: 0
Conc: N.D.



#5 AR-1016-3

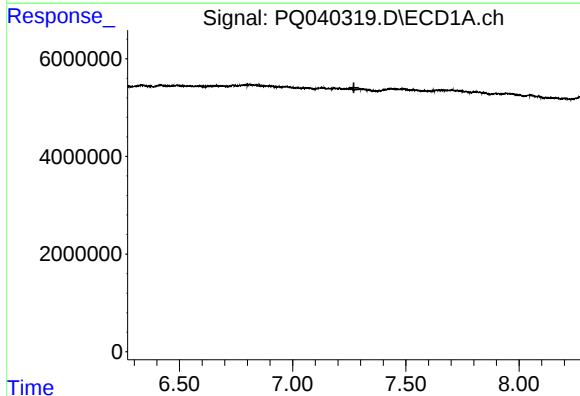
R.T.: 7.129 min
Delta R.T.: -0.027 min
Response: 775411
Conc: 4.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH97



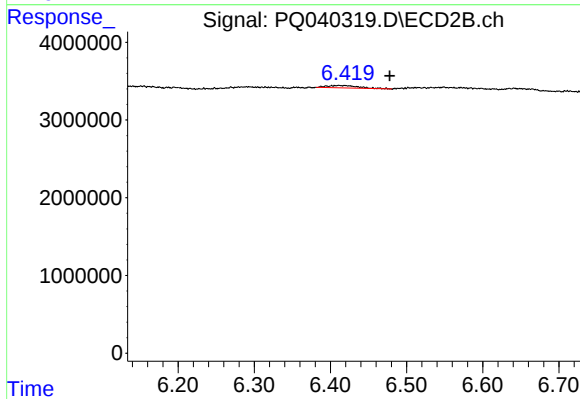
#5 AR-1016-3

R.T.: 6.412 min
Delta R.T.: -0.011 min
Response: 906977
Conc: 8.41 ng/ml



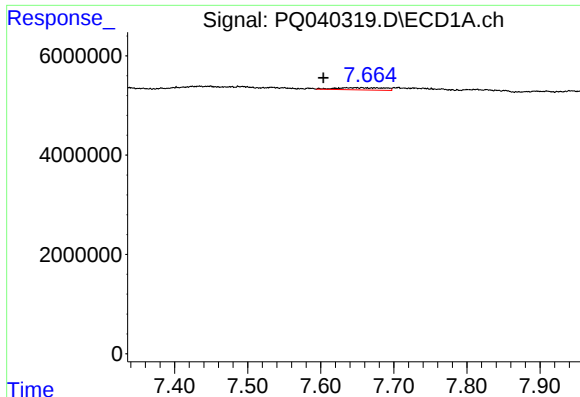
#6 AR-1016-4

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



#6 AR-1016-4

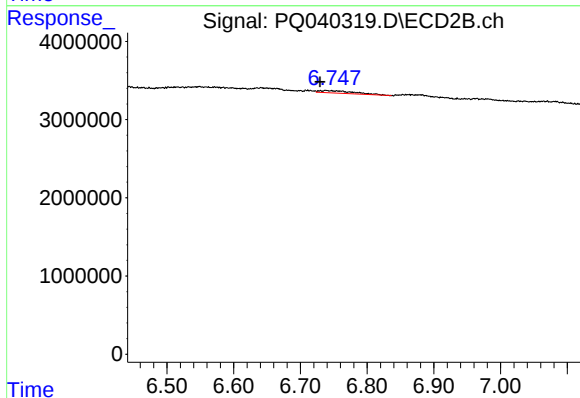
R.T.: 6.412 min
Delta R.T.: -0.066 min
Response: 906977
Conc: 10.65 ng/ml



#7 AR-1016-5

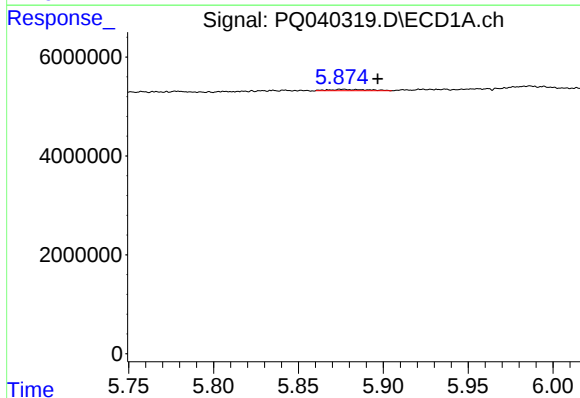
R.T.: 7.656 min
Delta R.T.: 0.052 min
Response: 2070634
Conc: 14.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH97



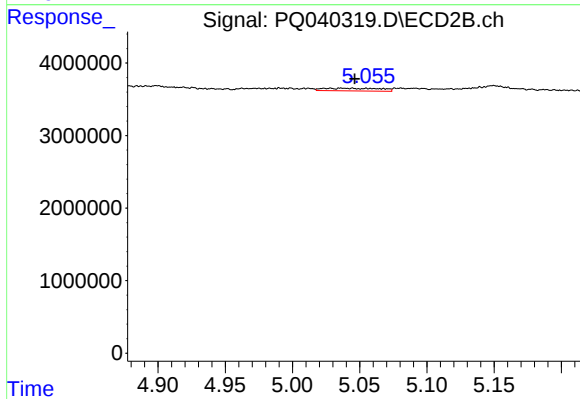
#7 AR-1016-5

R.T.: 6.739 min
Delta R.T.: 0.009 min
Response: 1100163
Conc: 9.55 ng/ml



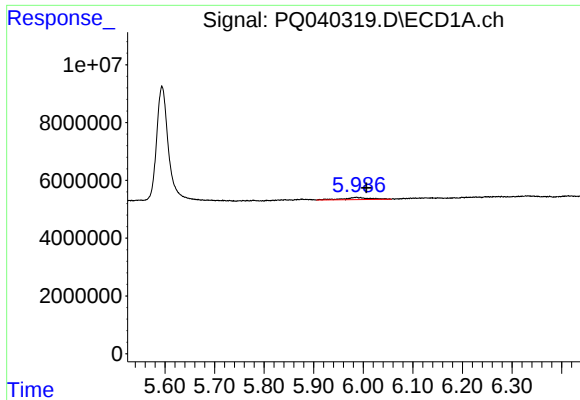
#8 AR-1221-1

R.T.: 5.877 min
Delta R.T.: -0.020 min
Response: 393670
Conc: 11.23 ng/ml



#8 AR-1221-1

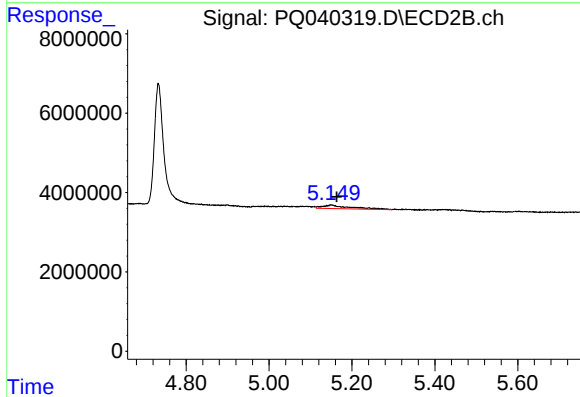
R.T.: 5.039 min
Delta R.T.: -0.008 min
Response: 1076580
Conc: 43.93 ng/ml



#9 AR-1221-2

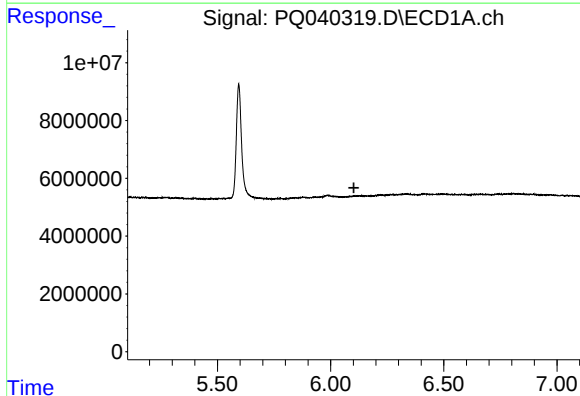
R.T.: 5.986 min
Delta R.T.: -0.020 min
Response: 2660861
Conc: 120.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH97



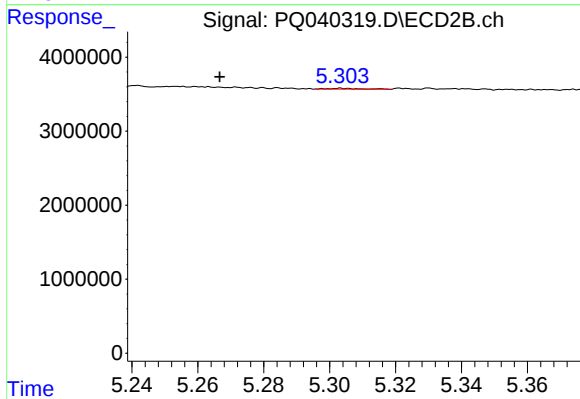
#9 AR-1221-2

R.T.: 5.150 min
Delta R.T.: -0.013 min
Response: 4203001
Conc: 258.05 ng/ml



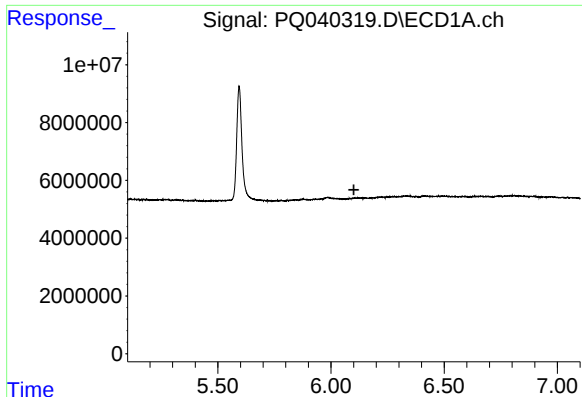
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.103 min
Response: 0
Conc: N.D.



#10 AR-1221-3

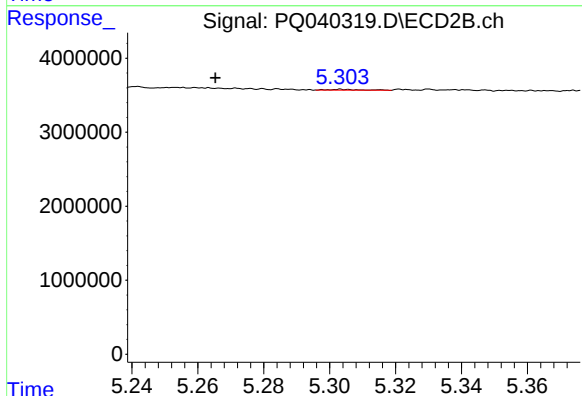
R.T.: 5.304 min
Delta R.T.: 0.037 min
Response: 68781
Conc: 1.13 ng/ml



#11 AR-1232-1

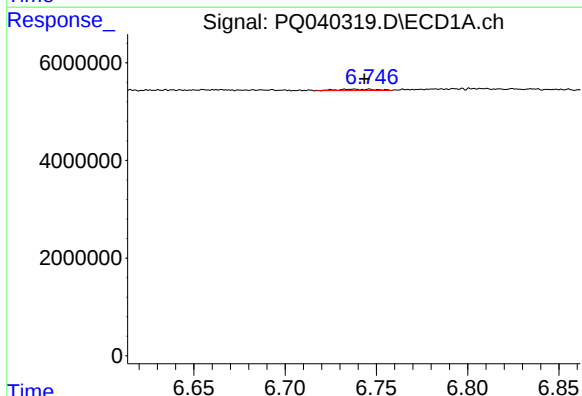
R.T.: 0.000 min
Exp R.T.: 6.101 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BFH97



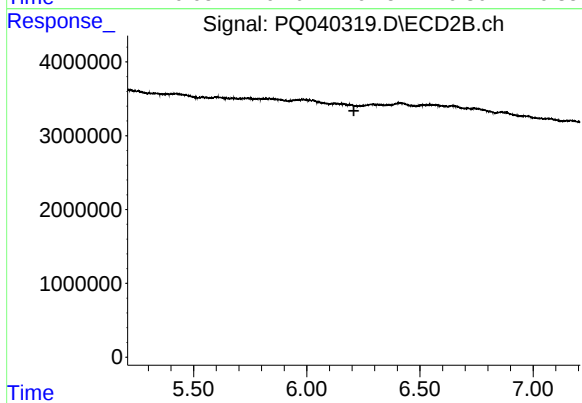
#11 AR-1232-1

R.T.: 5.304 min
Delta R.T.: 0.038 min
Response: 68781
Conc: 1.50 ng/ml



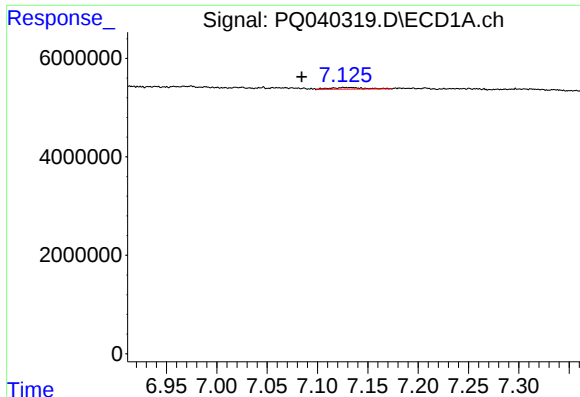
#12 AR-1232-2

R.T.: 6.745 min
Delta R.T.: 0.002 min
Response: 420890
Conc: 10.62 ng/ml



#12 AR-1232-2

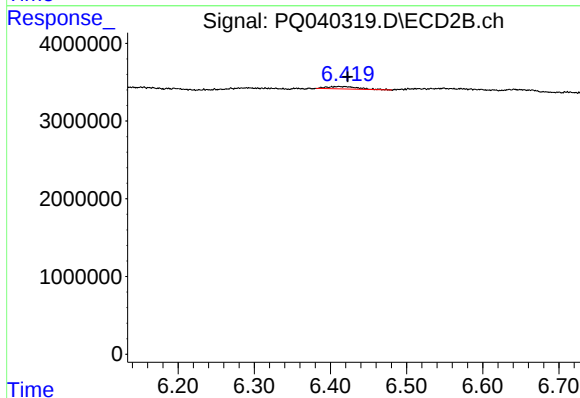
R.T.: 0.000 min
Exp R.T.: 6.208 min
Response: 0
Conc: N.D.



#13 AR-1232-3

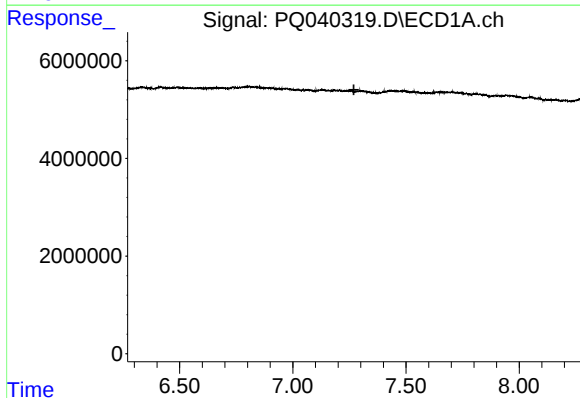
R.T.: 7.129 min
Delta R.T.: 0.045 min
Response: 775411
Conc: 9.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH97



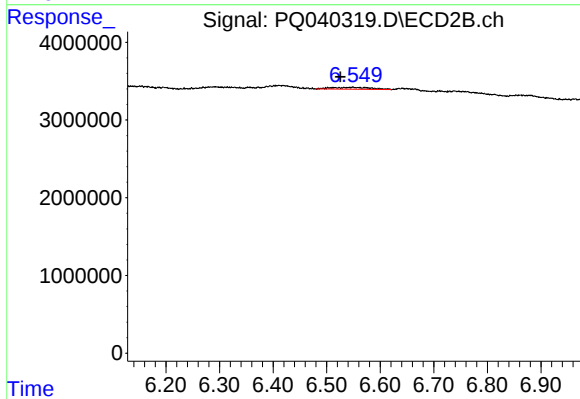
#13 AR-1232-3

R.T.: 6.412 min
Delta R.T.: -0.011 min
Response: 906977
Conc: 25.79 ng/ml



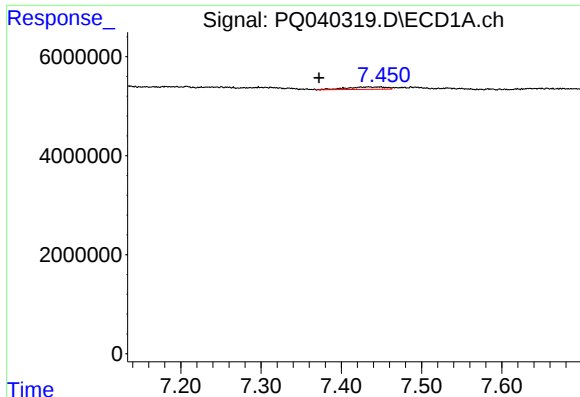
#14 AR-1232-4

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



#14 AR-1232-4

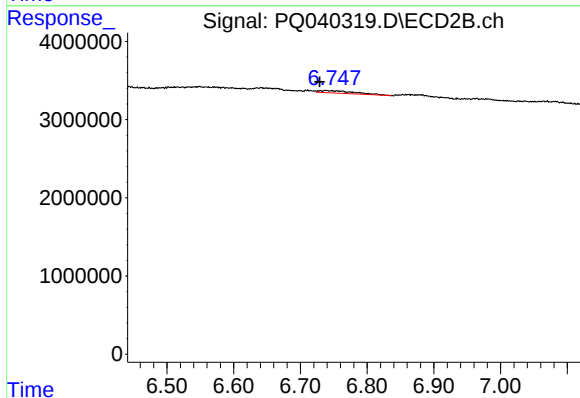
R.T.: 6.548 min
Delta R.T.: 0.022 min
Response: 1239935
Conc: 41.96 ng/ml



#15 AR-1232-5

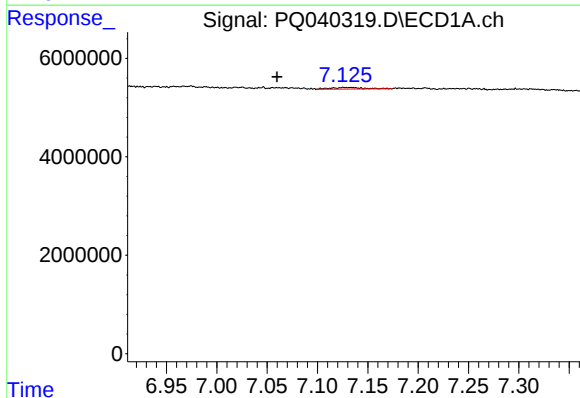
R.T.: 7.434 min
Delta R.T.: 0.061 min
Response: 1687387
Conc: 53.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH97



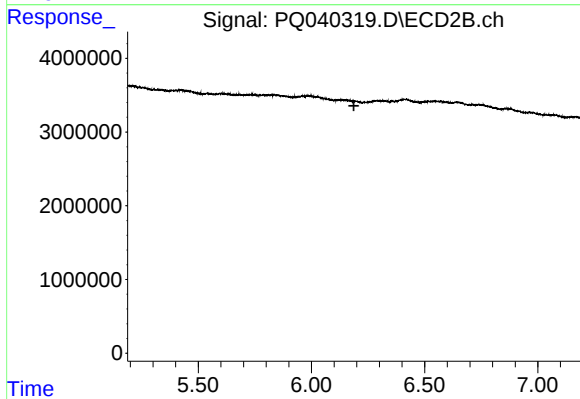
#15 AR-1232-5

R.T.: 6.739 min
Delta R.T.: 0.010 min
Response: 1100163
Conc: 36.54 ng/ml



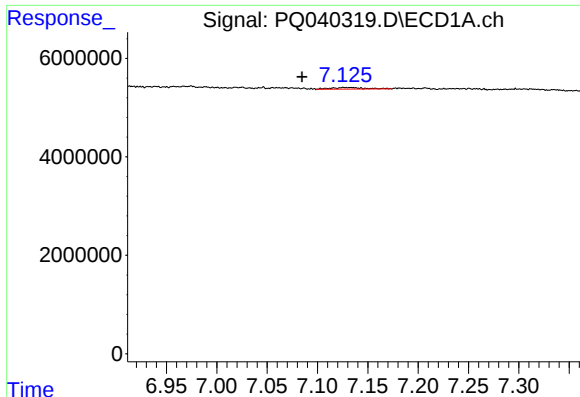
#16 AR-1242-1

R.T.: 7.129 min
Delta R.T.: 0.069 min
Response: 775411
Conc: 8.00 ng/ml



#16 AR-1242-1

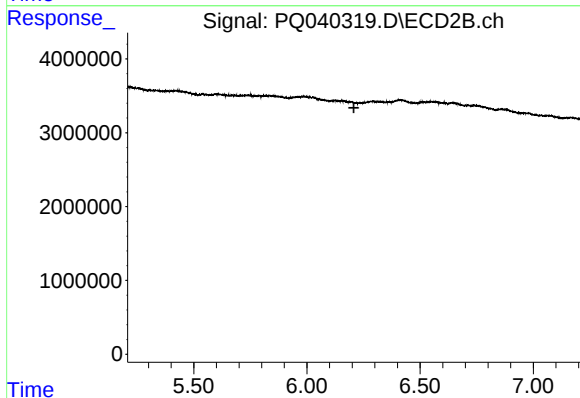
R.T.: 6.124 min
Delta R.T.: -0.064 min
Response: -6777
Conc: N.D.



#17 AR-1242-2

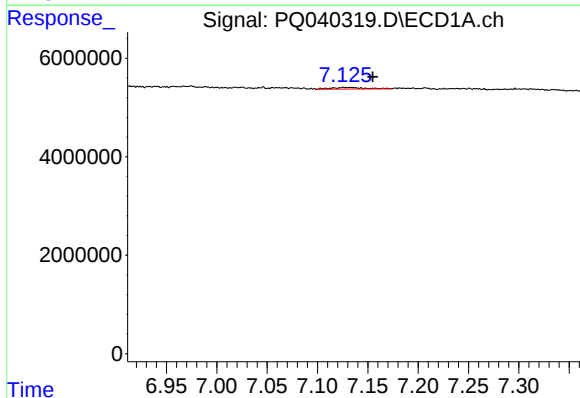
R.T.: 7.129 min
Delta R.T.: 0.044 min
Response: 775411
Conc: 5.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH97



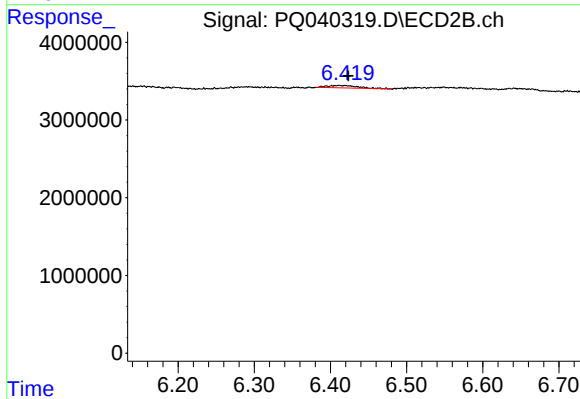
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 6.207 min
Response: 0
Conc: N.D.



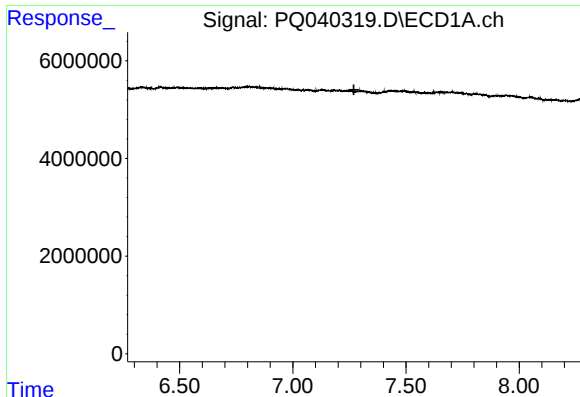
#18 AR-1242-3

R.T.: 7.129 min
Delta R.T.: -0.026 min
Response: 775411
Conc: 8.33 ng/ml



#18 AR-1242-3

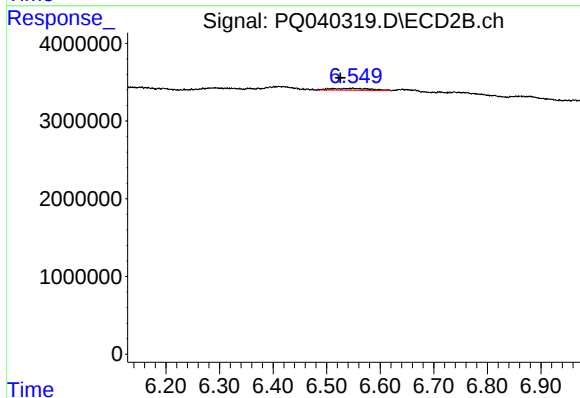
R.T.: 6.412 min
Delta R.T.: -0.011 min
Response: 906977
Conc: 15.03 ng/ml



#19 AR-1242-4

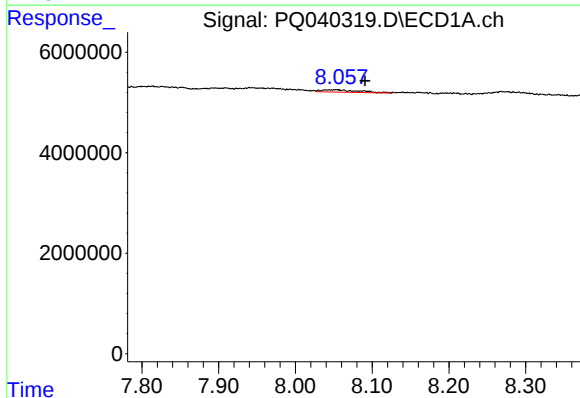
R.T.: 0.000 min
Exp R.T.: 7.270 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BFH97



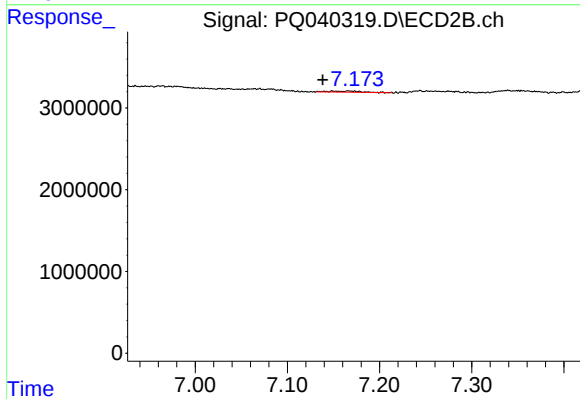
#19 AR-1242-4

R.T.: 6.548 min
Delta R.T.: 0.022 min
Response: 1239935
Conc: 20.80 ng/ml



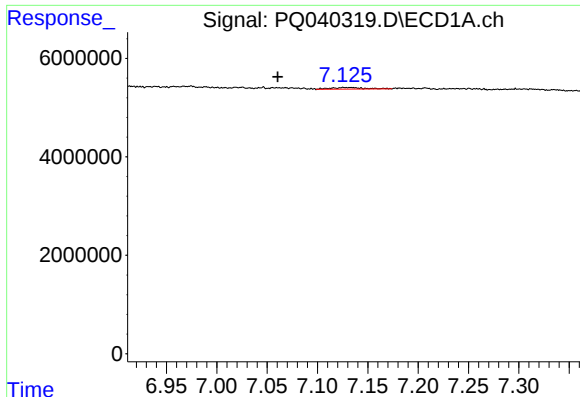
#20 AR-1242-5

R.T.: 8.053 min
Delta R.T.: -0.037 min
Response: 1569452
Conc: 18.10 ng/ml



#20 AR-1242-5

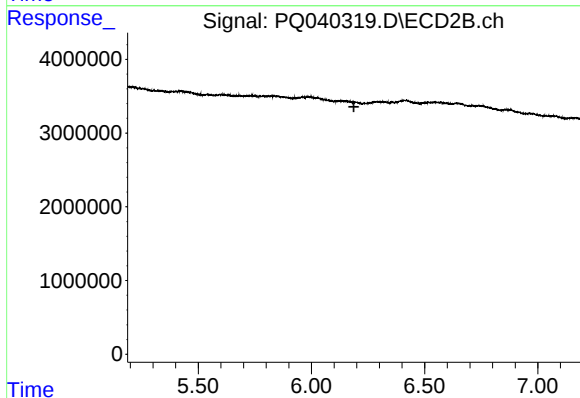
R.T.: 7.167 min
Delta R.T.: 0.029 min
Response: 338742
Conc: 4.20 ng/ml



#21 AR-1248-1

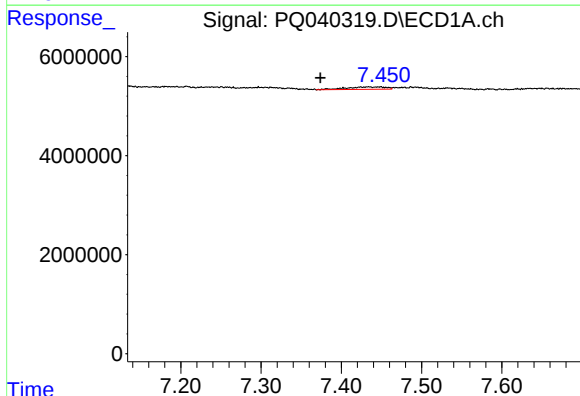
R.T.: 7.129 min
Delta R.T.: 0.068 min
Response: 775411
Conc: 10.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH97



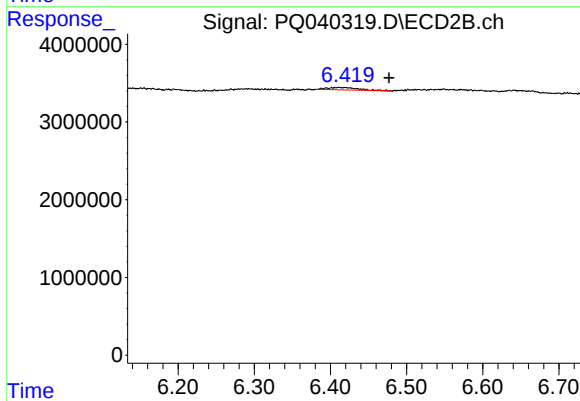
#21 AR-1248-1

R.T.: 6.124 min
Delta R.T.: -0.064 min
Response: -6777
Conc: N.D.



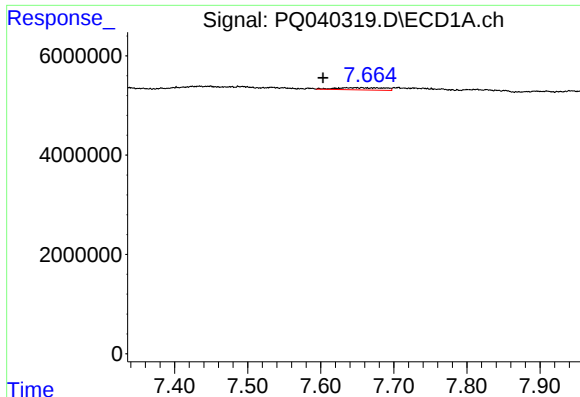
#22 AR-1248-2

R.T.: 7.434 min
Delta R.T.: 0.060 min
Response: 1687387
Conc: 14.98 ng/ml



#22 AR-1248-2

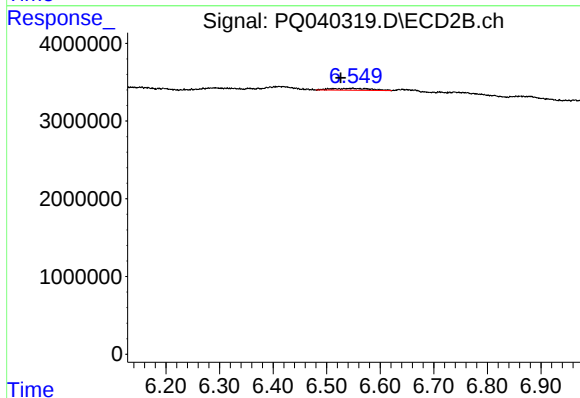
R.T.: 6.412 min
Delta R.T.: -0.065 min
Response: 906977
Conc: 10.32 ng/ml



#23 AR-1248-3

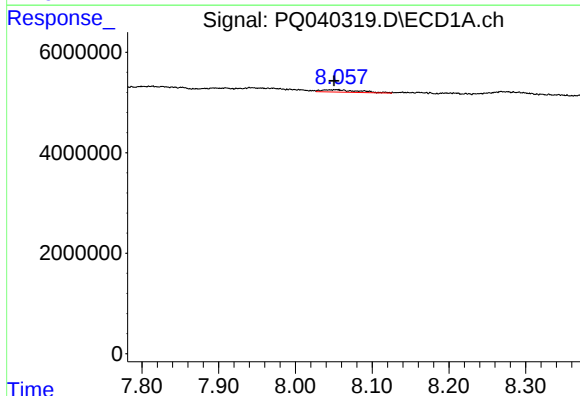
R.T.: 7.656 min
Delta R.T.: 0.052 min
Response: 2070634
Conc: 15.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH97



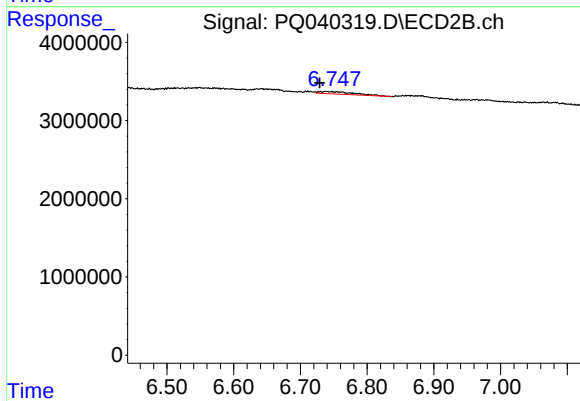
#23 AR-1248-3

R.T.: 6.548 min
Delta R.T.: 0.022 min
Response: 1239935
Conc: 13.70 ng/ml



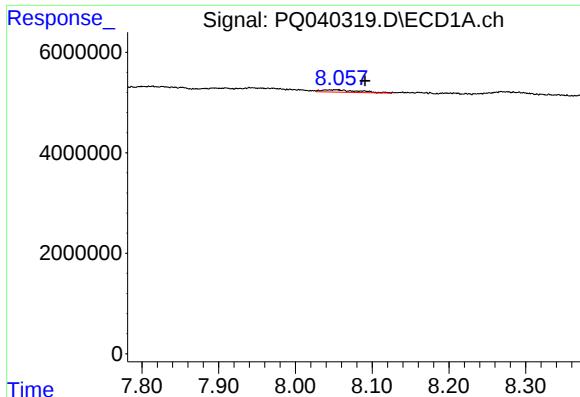
#24 AR-1248-4

R.T.: 8.053 min
Delta R.T.: 0.003 min
Response: 1569452
Conc: 10.40 ng/ml



#24 AR-1248-4

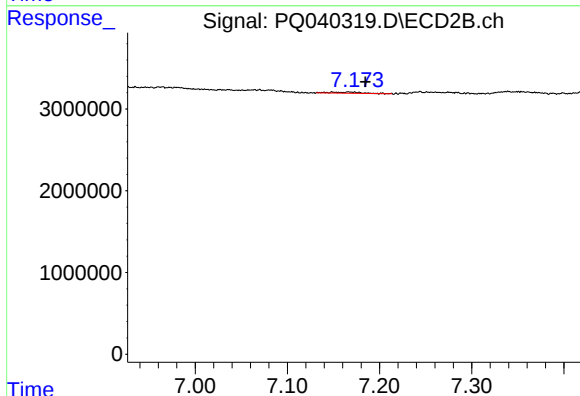
R.T.: 6.739 min
Delta R.T.: 0.009 min
Response: 1100163
Conc: 9.96 ng/ml



#25 AR-1248-5

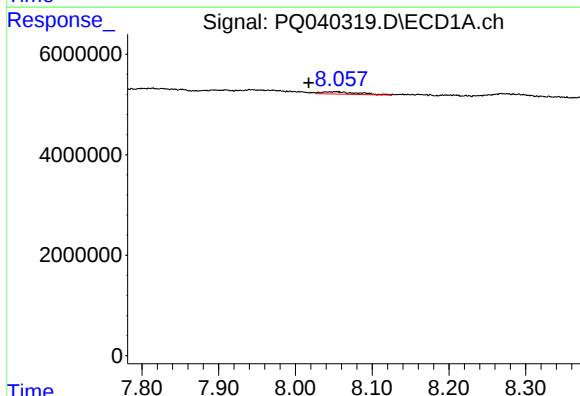
R.T.: 8.053 min
Delta R.T.: -0.038 min
Response: 1569452
Conc: 10.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH97



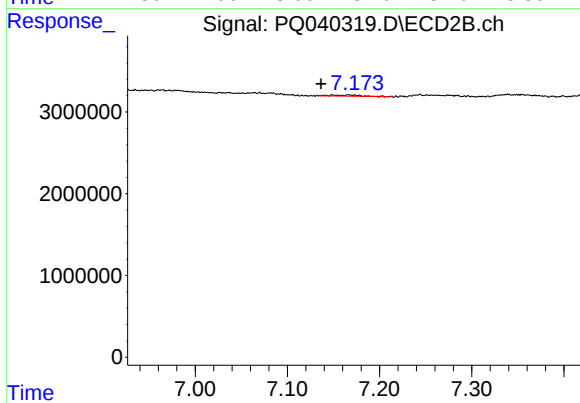
#25 AR-1248-5

R.T.: 7.167 min
Delta R.T.: -0.018 min
Response: 338742
Conc: 2.98 ng/ml



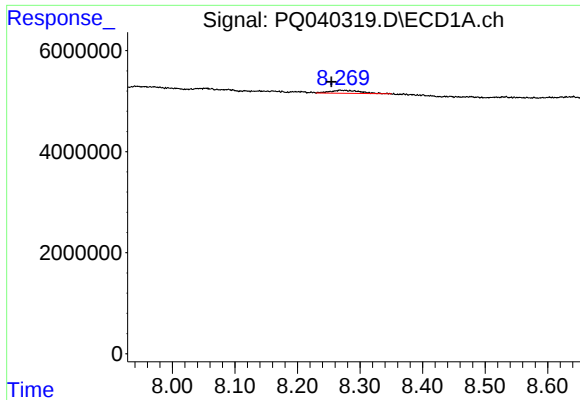
#26 AR-1254-1

R.T.: 8.053 min
Delta R.T.: 0.036 min
Response: 1569452
Conc: 9.00 ng/ml



#26 AR-1254-1

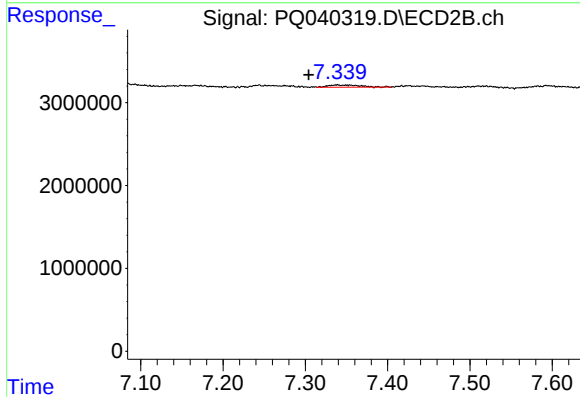
R.T.: 7.167 min
Delta R.T.: 0.031 min
Response: 338742
Conc: 1.77 ng/ml



#27 AR-1254-2

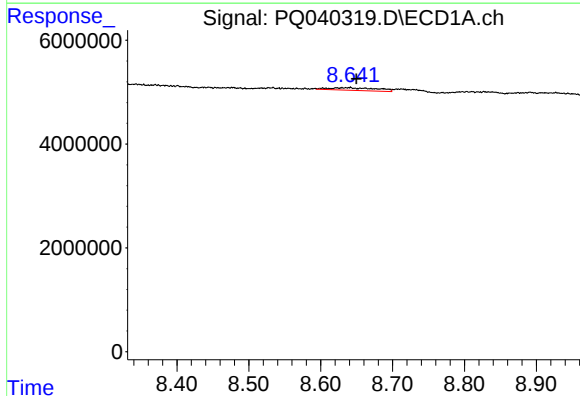
R.T.: 8.269 min
Delta R.T.: 0.015 min
Response: 1946813
Conc: 7.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH97



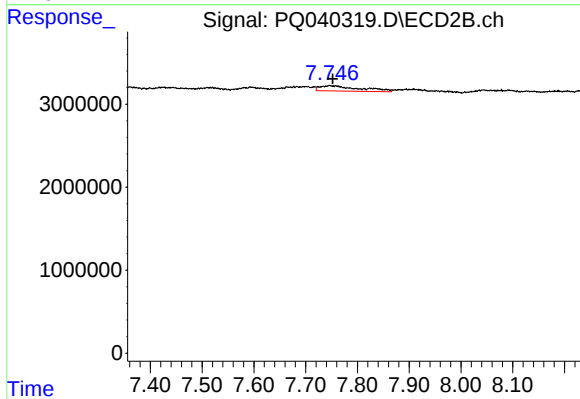
#27 AR-1254-2

R.T.: 7.339 min
Delta R.T.: 0.035 min
Response: 724740
Conc: 4.17 ng/ml



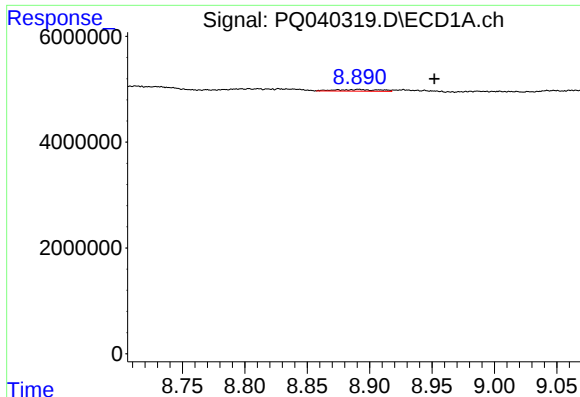
#28 AR-1254-3

R.T.: 8.639 min
Delta R.T.: -0.010 min
Response: 2324978
Conc: 7.83 ng/ml



#28 AR-1254-3

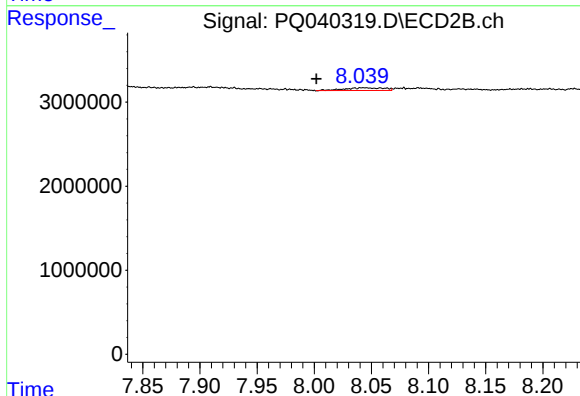
R.T.: 7.747 min
Delta R.T.: -0.005 min
Response: 3422746
Conc: 11.84 ng/ml



#29 AR-1254-4

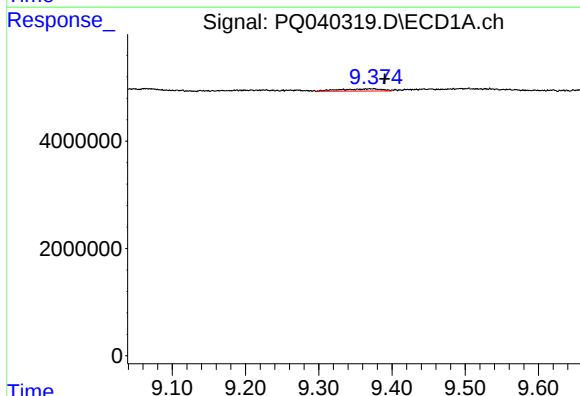
R.T.: 8.891 min
Delta R.T.: -0.061 min
Response: 761554
Conc: 3.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH97



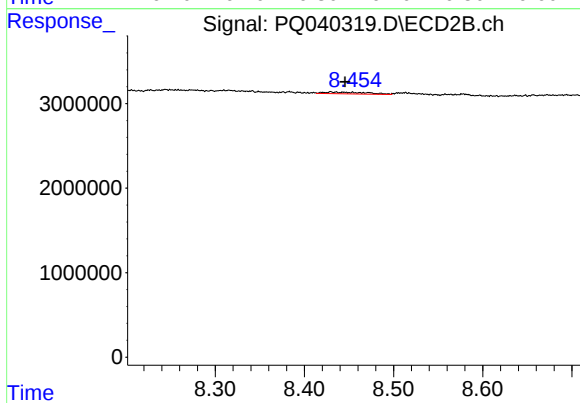
#29 AR-1254-4

R.T.: 8.044 min
Delta R.T.: 0.042 min
Response: 766818
Conc: 4.29 ng/ml



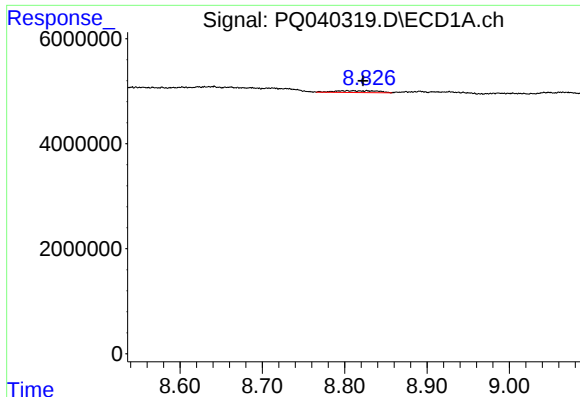
#30 AR-1254-5

R.T.: 9.373 min
Delta R.T.: -0.017 min
Response: 1557350
Conc: 5.41 ng/ml



#30 AR-1254-5

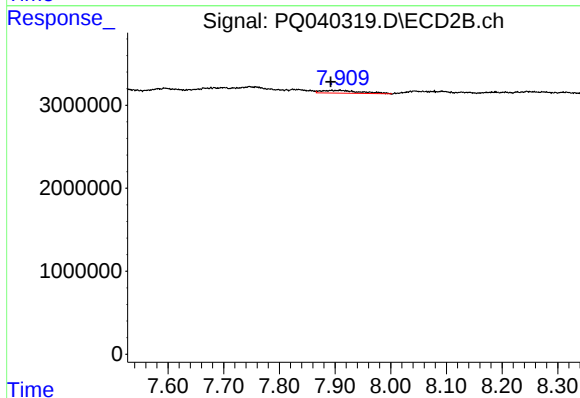
R.T.: 8.431 min
Delta R.T.: -0.014 min
Response: 673087
Conc: 2.61 ng/ml



#31 AR-1260-1

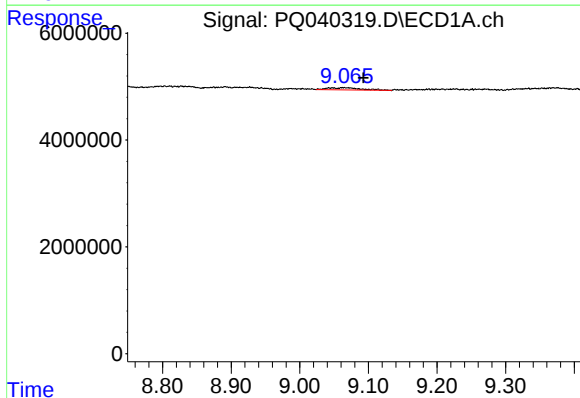
R.T.: 8.802 min
Delta R.T.: -0.020 min
Response: 1207988
Conc: 3.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH97



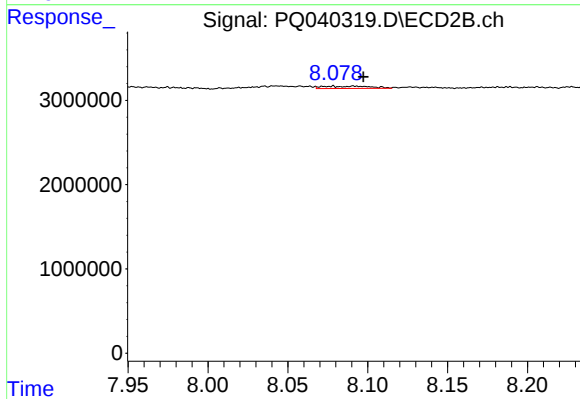
#31 AR-1260-1

R.T.: 7.909 min
Delta R.T.: 0.017 min
Response: 1630974
Conc: 5.95 ng/ml



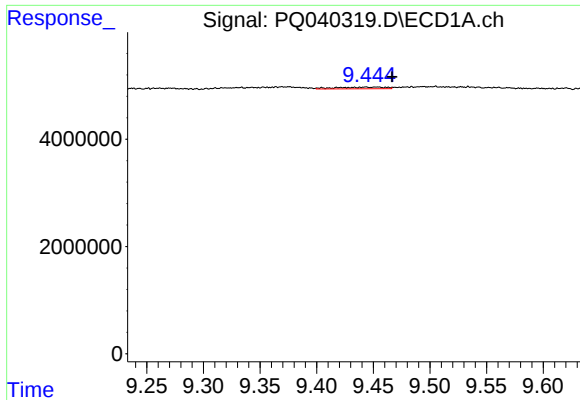
#32 AR-1260-2

R.T.: 9.047 min
Delta R.T.: -0.046 min
Response: 1445253
Conc: 3.58 ng/ml



#32 AR-1260-2

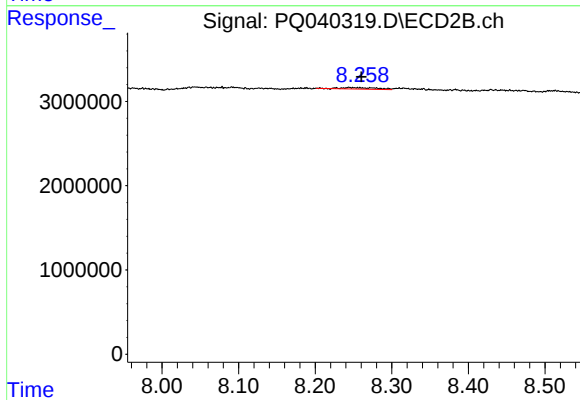
R.T.: 8.077 min
Delta R.T.: -0.021 min
Response: 576862
Conc: 1.67 ng/ml



#33 AR-1260-3

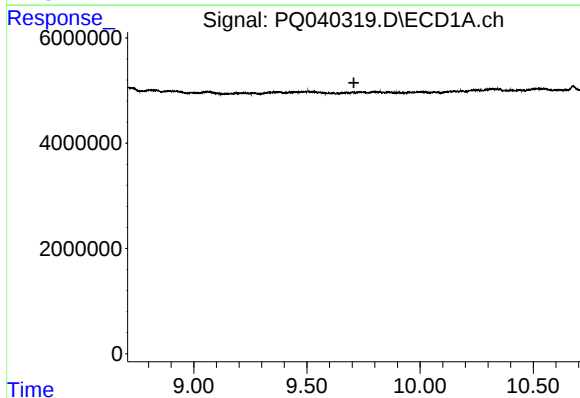
R.T.: 9.453 min
Delta R.T.: -0.014 min
Response: 934447
Conc: 2.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH97



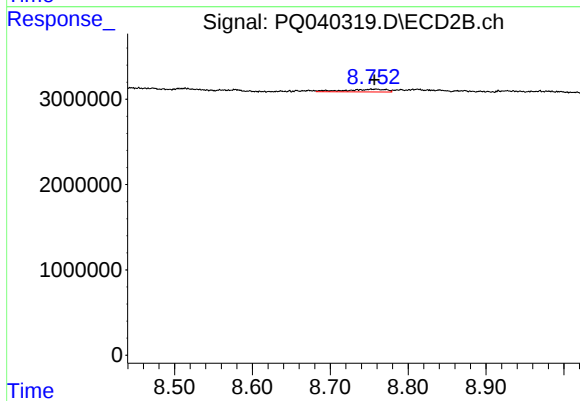
#33 AR-1260-3

R.T.: 8.245 min
Delta R.T.: -0.015 min
Response: 556396
Conc: 1.73 ng/ml



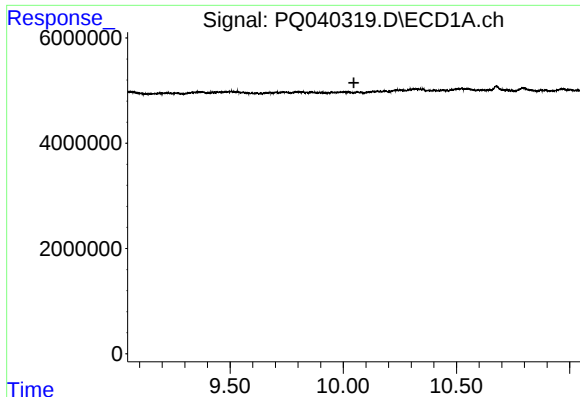
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 9.707 min
Response: 0
Conc: N.D.



#34 AR-1260-4

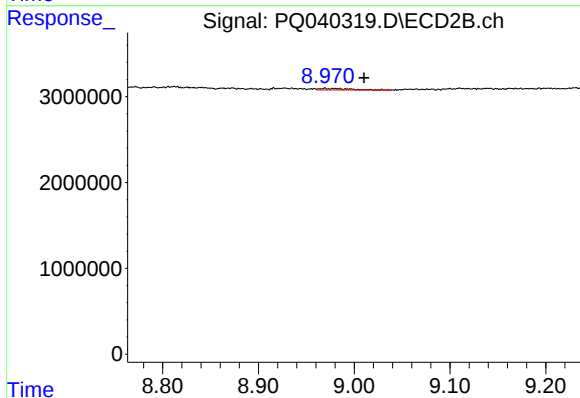
R.T.: 8.757 min
Delta R.T.: 0.000 min
Response: 1175814
Conc: 4.33 ng/ml



#35 AR-1260-5

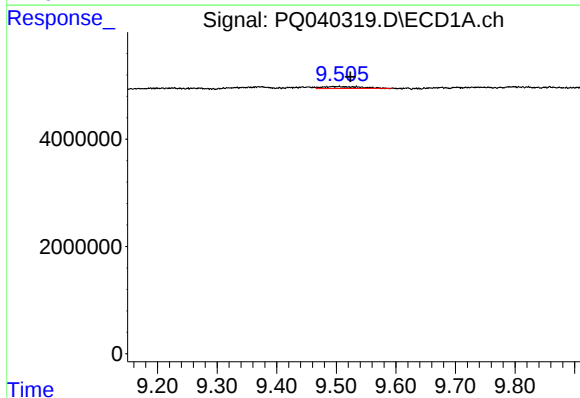
R.T.: 0.000 min
Exp R.T.: 10.047 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BFH97



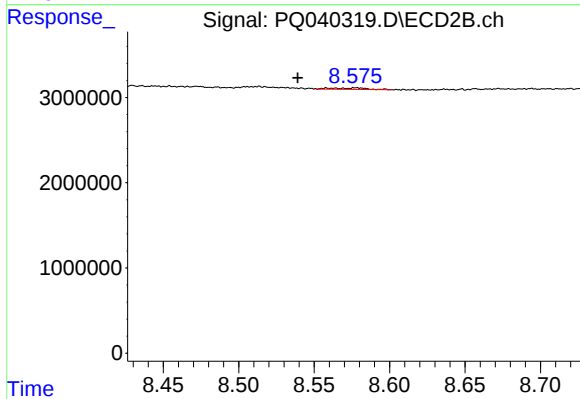
#35 AR-1260-5

R.T.: 8.969 min
Delta R.T.: -0.042 min
Response: 375953
Conc: 0.56 ng/ml



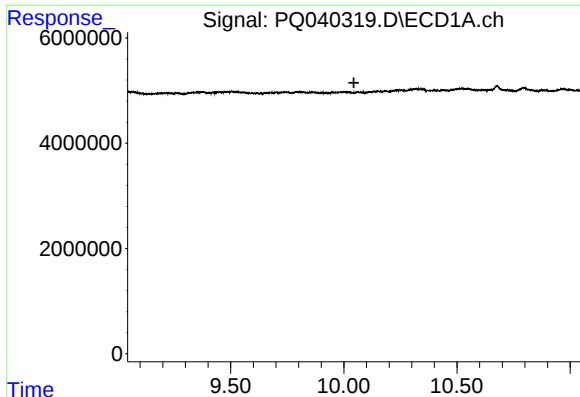
#36 AR-1262-1

R.T.: 9.504 min
Delta R.T.: -0.019 min
Response: 1537364
Conc: 11.06 ng/ml



#36 AR-1262-1

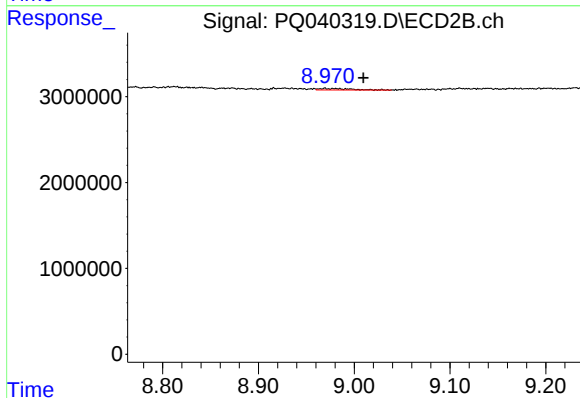
R.T.: 8.561 min
Delta R.T.: 0.022 min
Response: 208757
Conc: 1.84 ng/ml



#37 AR-1262-2

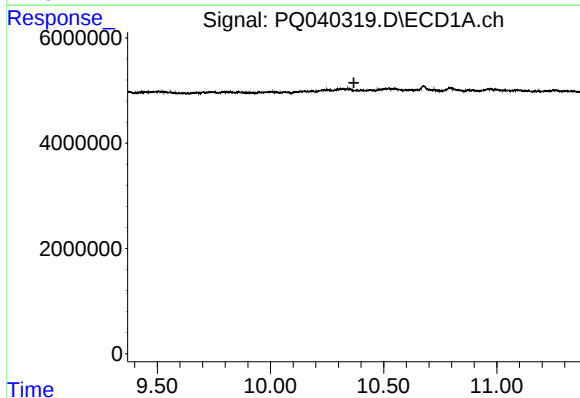
R.T.: 0.000 min
Exp R.T.: 10.045 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BFH97



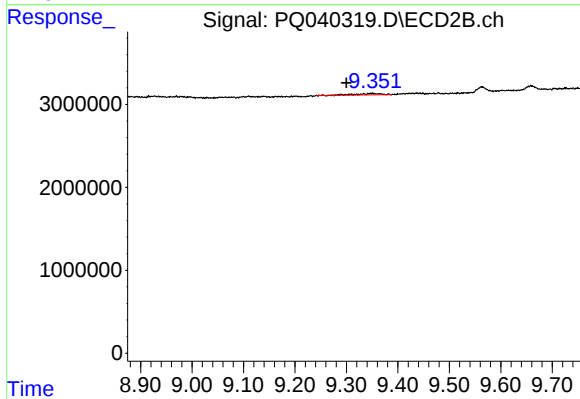
#37 AR-1262-2

R.T.: 8.969 min
Delta R.T.: -0.041 min
Response: 375953
Conc: 0.76 ng/ml



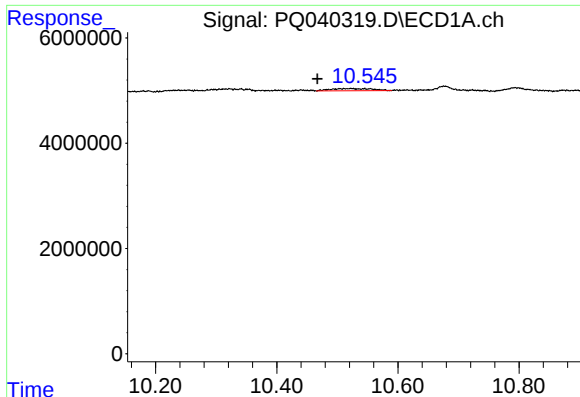
#38 AR-1262-3

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



#38 AR-1262-3

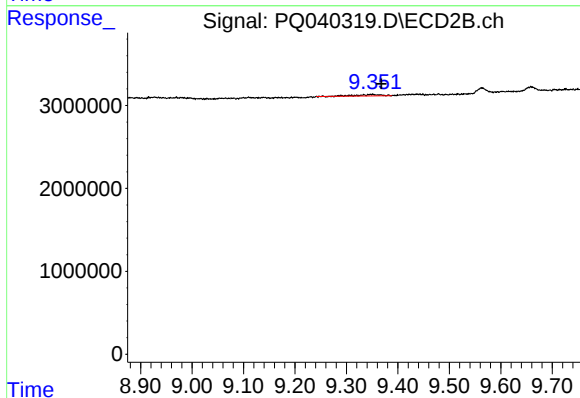
R.T.: 9.350 min
Delta R.T.: 0.049 min
Response: 515904
Conc: 2.45 ng/ml



#39 AR-1262-4

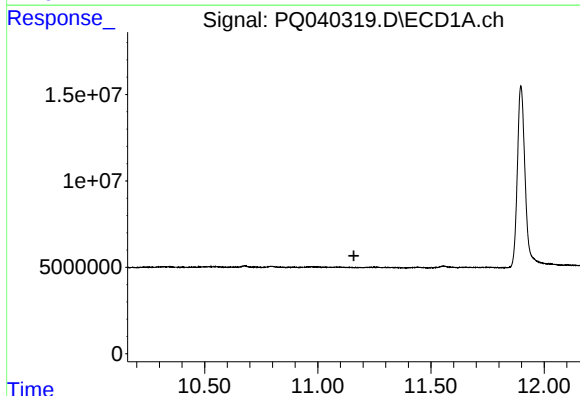
R.T.: 10.523 min
Delta R.T.: 0.056 min
Response: 1931341
Conc: 5.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH97



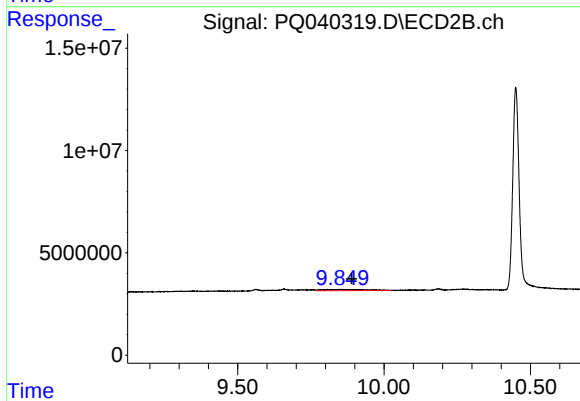
#39 AR-1262-4

R.T.: 9.350 min
Delta R.T.: -0.019 min
Response: 515904
Conc: 1.36 ng/ml



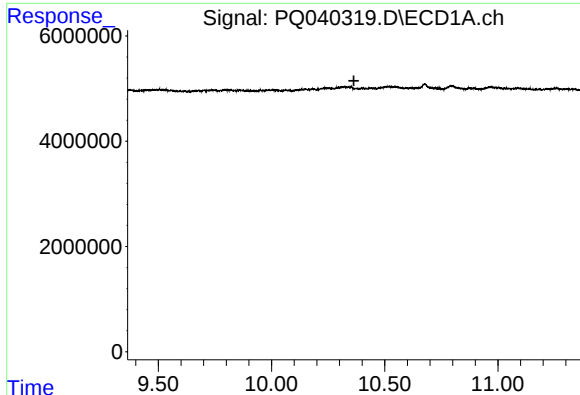
#40 AR-1262-5

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



#40 AR-1262-5

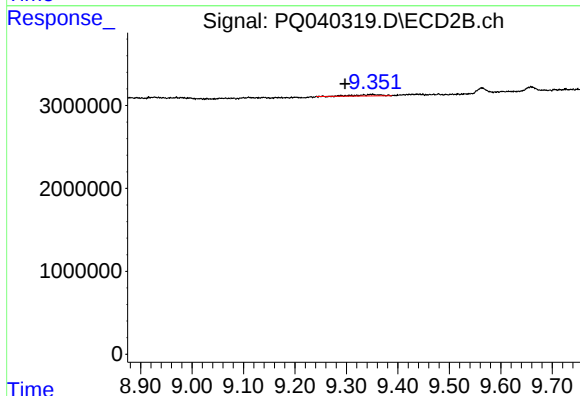
R.T.: 9.848 min
Delta R.T.: -0.042 min
Response: 5643753
Conc: 34.81 ng/ml



#41 AR-1268-1

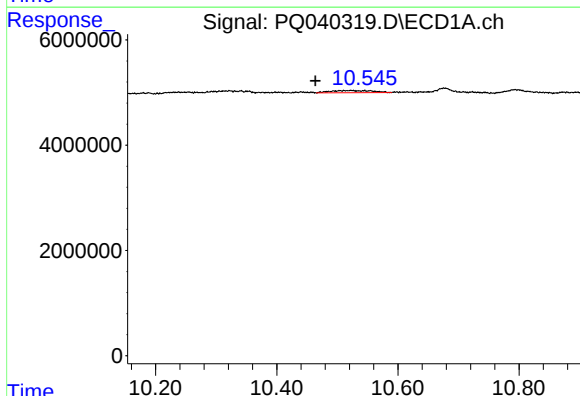
R.T.: 0.000 min
Exp R.T.: 10.364 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BFH97



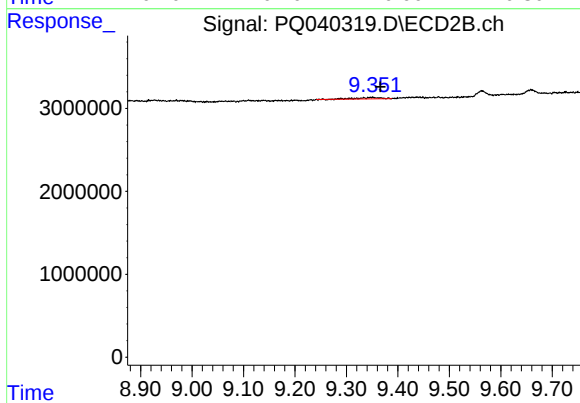
#41 AR-1268-1

R.T.: 9.350 min
Delta R.T.: 0.053 min
Response: 515904
Conc: 1.13 ng/ml



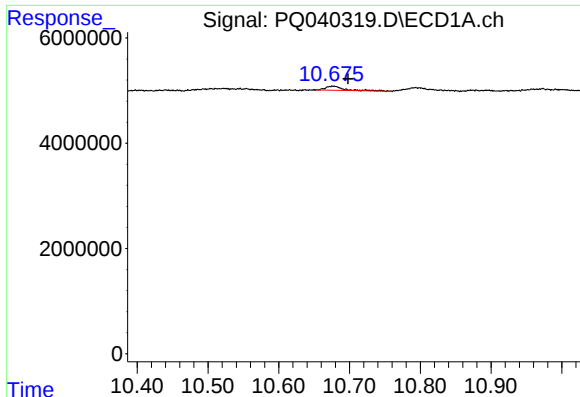
#42 AR-1268-2

R.T.: 10.523 min
Delta R.T.: 0.059 min
Response: 1931341
Conc: 3.14 ng/ml



#42 AR-1268-2

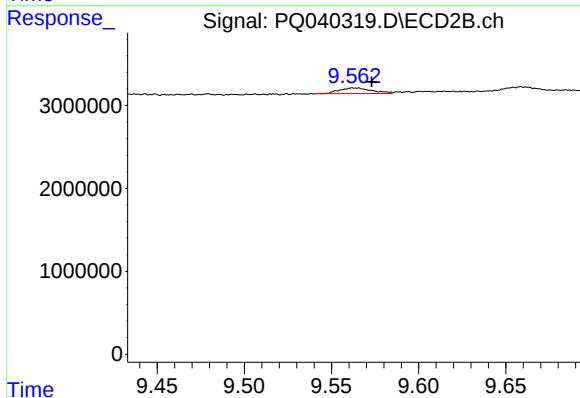
R.T.: 9.350 min
Delta R.T.: -0.016 min
Response: 515904
Conc: 1.18 ng/ml



#43 AR-1268-3

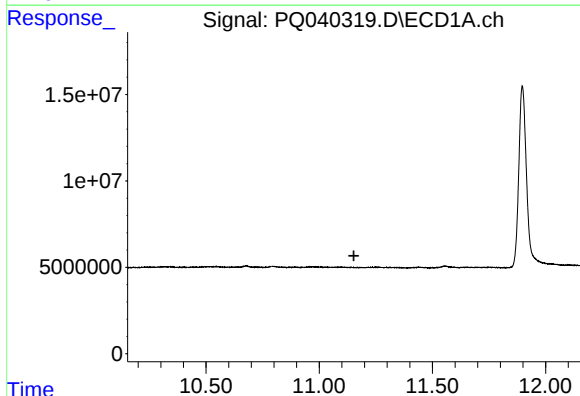
R.T.: 10.677 min
Delta R.T.: -0.021 min
Response: 1421814
Conc: 2.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH97



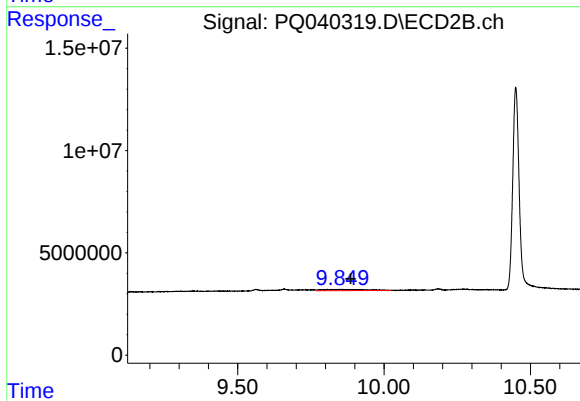
#43 AR-1268-3

R.T.: 9.563 min
Delta R.T.: -0.010 min
Response: 872475
Conc: 2.32 ng/ml



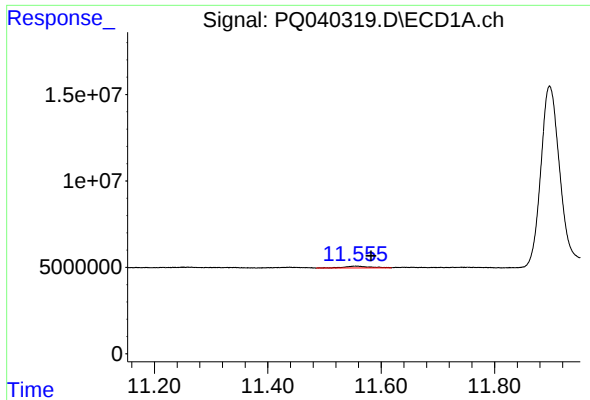
#44 AR-1268-4

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



#44 AR-1268-4

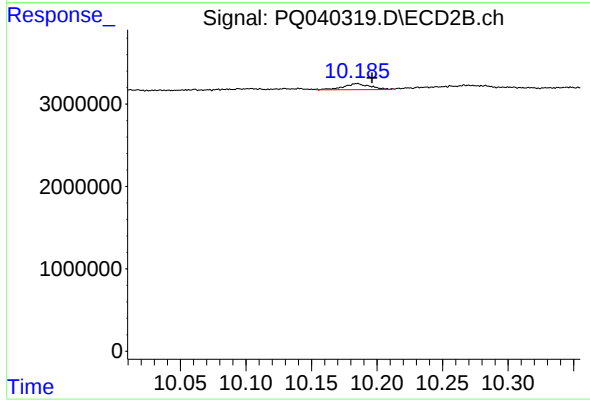
R.T.: 9.848 min
Delta R.T.: -0.039 min
Response: 5643753
Conc: 40.96 ng/ml



#45 AR-1268-5

R.T.: 11.556 min
Delta R.T.: -0.026 min
Response: 3245001
Conc: 1.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH97



#45 AR-1268-5

R.T.: 10.185 min
Delta R.T.: -0.011 min
Response: 1069705
Conc: 0.91 ng/ml