

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ060419\
 Data File : PQ040548.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2019 10:32
 Operator : SM\AJ
 Sample : K3017-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 A51G3

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 01:57:45 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	4.723	33229796	25453189	10.144	11.851
2)	SA Decachlor...	11.870	10.437	91490617	52034241	12.808	12.514
Target Compounds							
3)	L1 AR-1016-1	7.034	6.116	187882	14819	1.123	0.116 #
4)	L1 AR-1016-2	7.057	6.274	278096	1172790	1.058	6.076 #
5)	L1 AR-1016-3	7.129	6.400	2425350	385339	14.210	3.573 #
6)	L1 AR-1016-4	7.235	6.473	846354	256766	6.123	3.015 #
7)	L1 AR-1016-5	7.598	6.727	3939235	669019	28.396	5.810 #
8)	L2 AR-1221-1	0.000	5.030	0	611192	N.D.	24.940 #
9)	L2 AR-1221-2	5.976	5.142	2608807	286518	118.410	17.591 #
10)	L2 AR-1221-3	6.088	5.246	806029	565536	9.124	9.301
11)	L3 AR-1232-1	6.088	5.246	806029	565536	12.445	12.342
12)	L3 AR-1232-2	6.711	6.274	830436	1172790	20.945	19.551
13)	L3 AR-1232-3	7.057	6.400	278096	385339	3.441	10.957 #
14)	L3 AR-1232-4	7.235	6.473	846354	256766	20.248	8.690 #
15)	L3 AR-1232-5	7.347	6.727	1608552	669019	50.755	22.223 #
16)	L4 AR-1242-1	7.034	6.116	187882	14819	1.938	0.200 #
17)	L4 AR-1242-2	7.057	6.274	278096	1172790	1.924	11.016 #
18)	L4 AR-1242-3	7.129	6.400	2425350	385339	26.054	6.388 #
19)	L4 AR-1242-4	7.235	6.473	846354	256766	11.253	4.308 #
20)	L4 AR-1242-5	8.095	7.138	881308	1056976	10.166	13.116 #
21)	L5 AR-1248-1	7.057	0.000	278096	0	3.593	N.D. #
22)	L5 AR-1248-2	7.347	6.473	1608552	256766	14.281	2.920 #
23)	L5 AR-1248-3	7.598	6.473	3939235	256766	28.540	2.838 #
24)	L5 AR-1248-4	8.043	6.727	1507626	669019	9.986	6.058 #
25)	L5 AR-1248-5	8.095	7.138	881308	1056976	5.854	9.310 #
26)	L6 AR-1254-1	8.043	7.138	1507626	1056976	8.645	5.518 #
27)	L6 AR-1254-2	8.277	7.280	626614	289744	2.266	1.668 #
28)	L6 AR-1254-3	0.000	7.729	0	718168	N.D.	2.485 #
29)	L6 AR-1254-4	8.945	8.028	3119507	780004	15.010	4.369 #
30)	L6 AR-1254-5	0.000	8.418	0	1778331	N.D.	6.903 #
31)	L7 AR-1260-1	0.000	7.894	0	291472	N.D.	1.063 #
32)	L7 AR-1260-2	0.000	8.119	0	295068	N.D.	0.853 #
33)	L7 AR-1260-3	0.000	8.237	0	690983	N.D.	2.155 #
34)	L7 AR-1260-4	0.000	8.770	0	604426	N.D.	2.224 #
35)	L7 AR-1260-5	0.000	8.978	0	2071135	N.D.	3.081 #
36)	L8 AR-1262-1	0.000	8.493	0	1289528	N.D.	11.357 #
37)	L8 AR-1262-2	0.000	8.978	0	2071135	N.D.	4.174 #
38)	L8 AR-1262-3	0.000	9.336	0	209176	N.D.	0.995 #
39)	L8 AR-1262-4	0.000	9.336	0	209176	N.D.	0.552 #
40)	L8 AR-1262-5	0.000	9.860	0	867042	N.D.	5.348 #
41)	L9 AR-1268-1	0.000	9.336	0	209176	N.D.	0.458 #
42)	L9 AR-1268-2	0.000	9.336	0	209176	N.D.	0.478 #

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 Acq On : 04 Jun 2019 10:32
 Operator : SM\AJ
 Sample : K3017-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

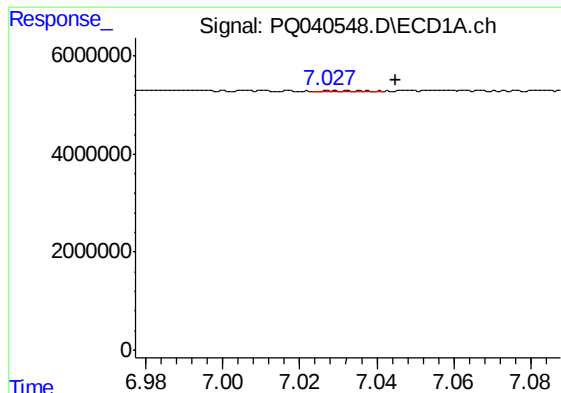
Instrument :
 ECD_Q
 ClientSampleId :
 A51G3

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 01:57:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
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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
43) L9	AR-1268-3	0.000	9.555	0	222073	N.D.	0.592 #
44) L9	AR-1268-4	0.000	9.860	0	867042	N.D.	6.293 #
45) L9	AR-1268-5	0.000	10.171	0	621572	N.D.	0.527 #

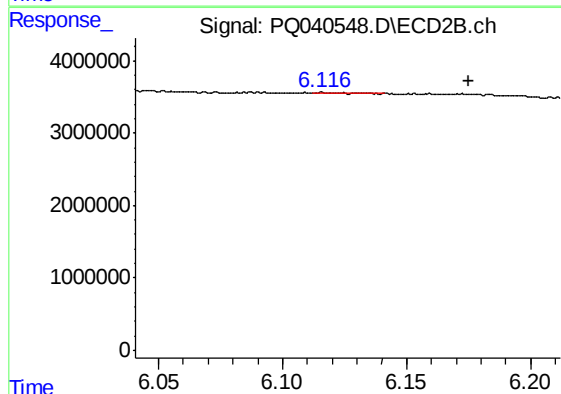
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

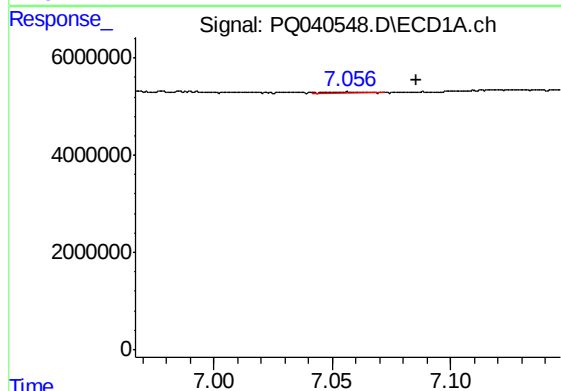
R.T.: 7.034 min
Delta R.T.: -0.011 min
Response: 187882
Conc: 1.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51G3



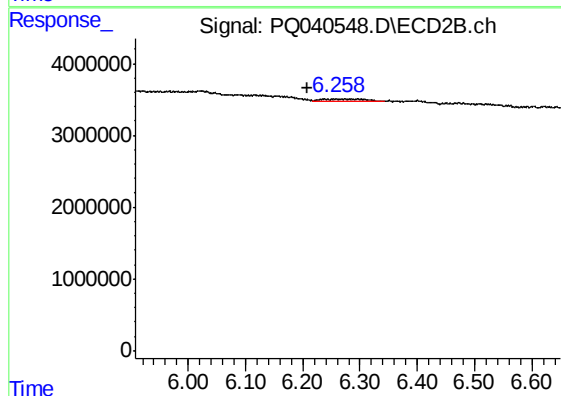
#3 AR-1016-1

R.T.: 6.116 min
Delta R.T.: -0.059 min
Response: 14819
Conc: 0.12 ng/ml



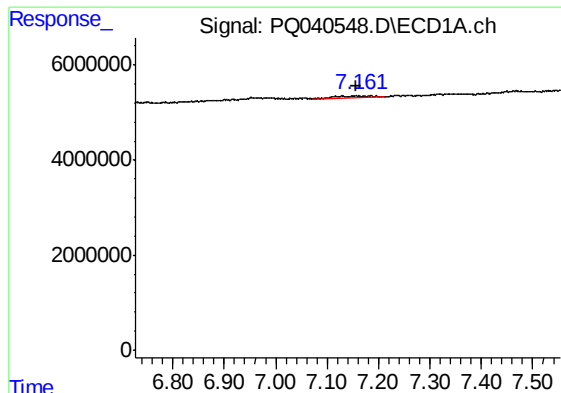
#4 AR-1016-2

R.T.: 7.057 min
Delta R.T.: -0.028 min
Response: 278096
Conc: 1.06 ng/ml



#4 AR-1016-2

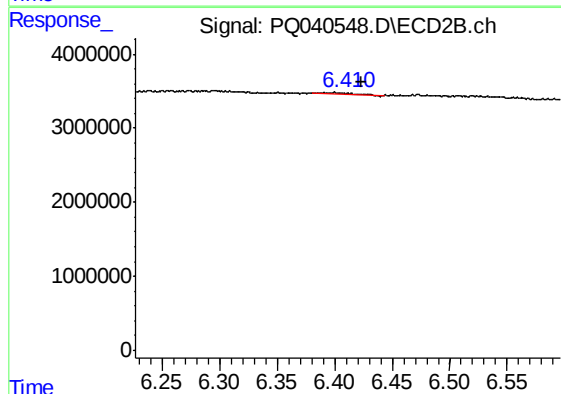
R.T.: 6.274 min
Delta R.T.: 0.065 min
Response: 1172790
Conc: 6.08 ng/ml



#5 AR-1016-3

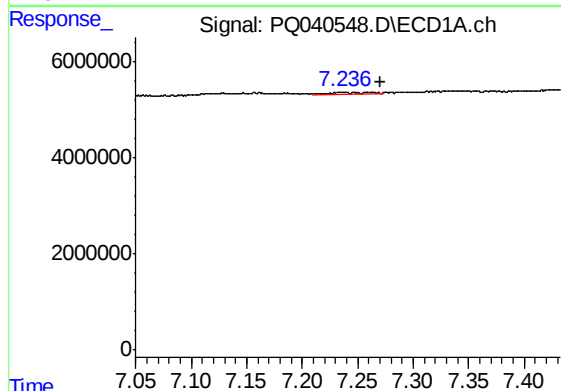
R.T.: 7.129 min
Delta R.T.: -0.027 min
Response: 2425350
Conc: 14.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51G3



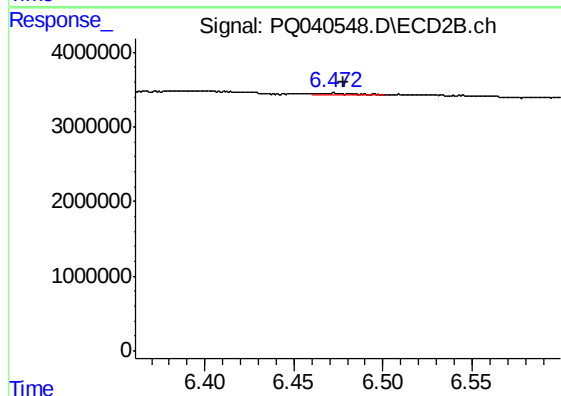
#5 AR-1016-3

R.T.: 6.400 min
Delta R.T.: -0.023 min
Response: 385339
Conc: 3.57 ng/ml



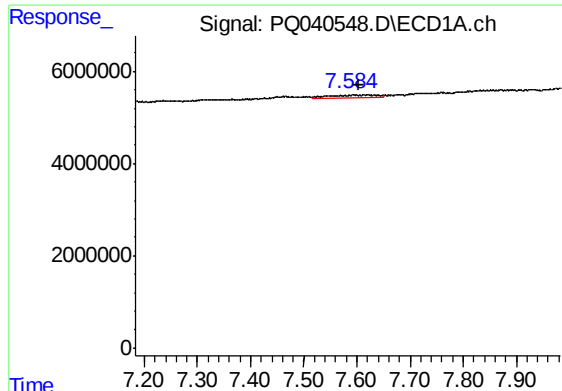
#6 AR-1016-4

R.T.: 7.235 min
Delta R.T.: -0.035 min
Response: 846354
Conc: 6.12 ng/ml



#6 AR-1016-4

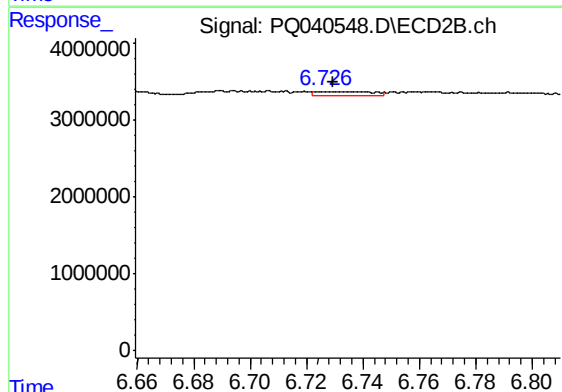
R.T.: 6.473 min
Delta R.T.: -0.005 min
Response: 256766
Conc: 3.02 ng/ml



#7 AR-1016-5

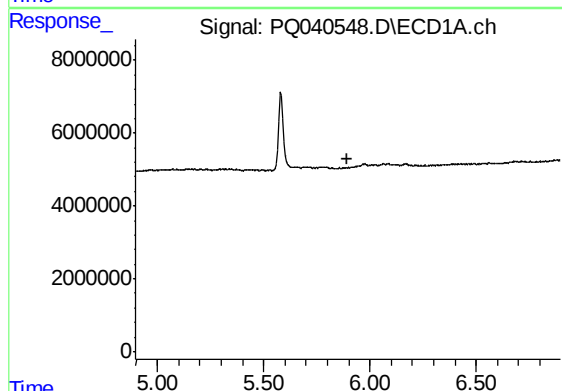
R.T.: 7.598 min
Delta R.T.: -0.005 min
Response: 3939235
Conc: 28.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51G3



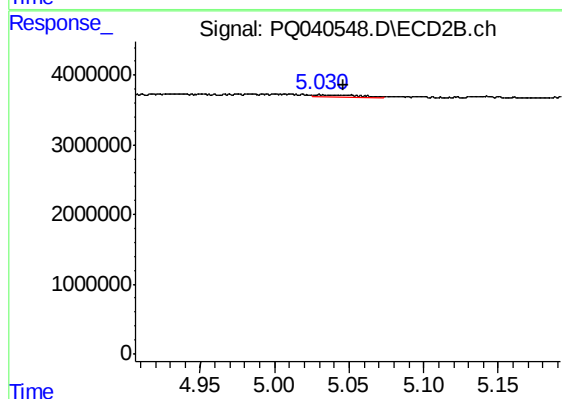
#7 AR-1016-5

R.T.: 6.727 min
Delta R.T.: -0.002 min
Response: 669019
Conc: 5.81 ng/ml



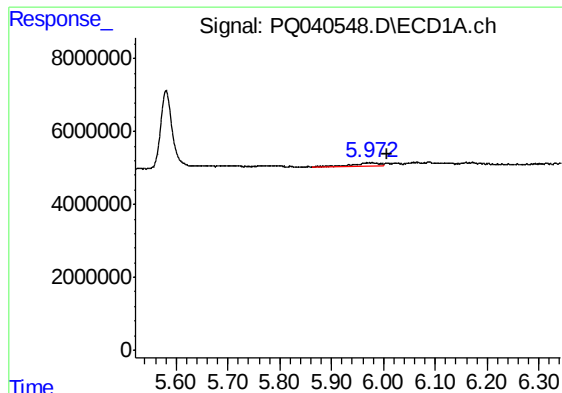
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.897 min
Response: 0
Conc: N.D.



#8 AR-1221-1

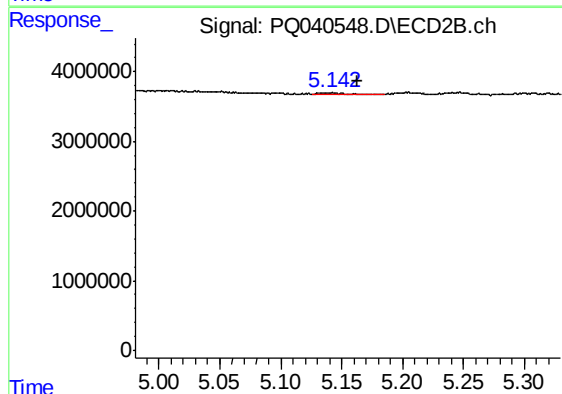
R.T.: 5.030 min
Delta R.T.: -0.016 min
Response: 611192
Conc: 24.94 ng/ml



#9 AR-1221-2

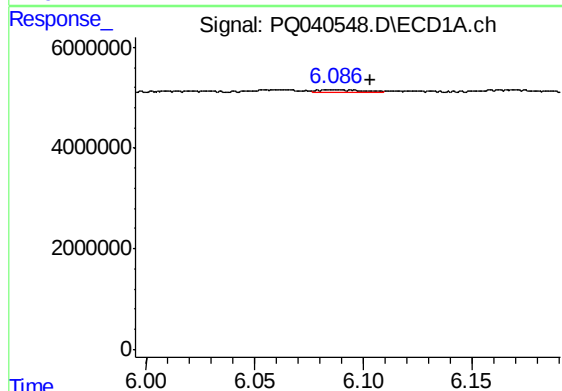
R.T.: 5.976 min
Delta R.T.: -0.030 min
Response: 2608807
Conc: 118.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51G3



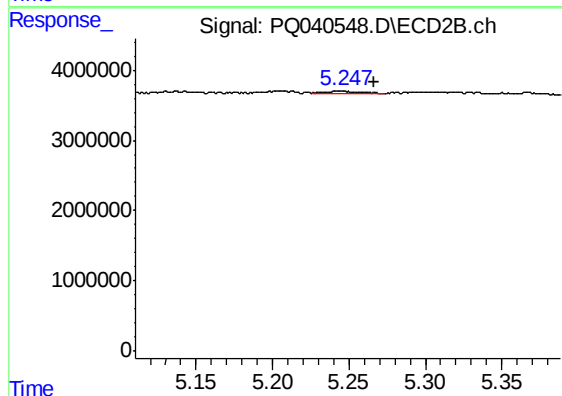
#9 AR-1221-2

R.T.: 5.142 min
Delta R.T.: -0.021 min
Response: 286518
Conc: 17.59 ng/ml



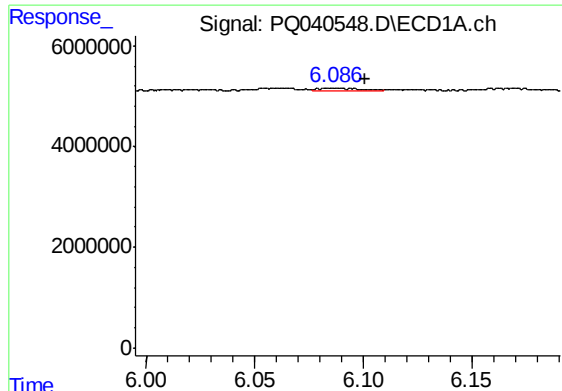
#10 AR-1221-3

R.T.: 6.088 min
Delta R.T.: -0.015 min
Response: 806029
Conc: 9.12 ng/ml



#10 AR-1221-3

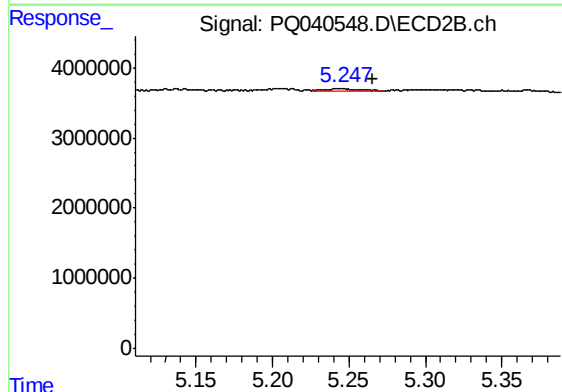
R.T.: 5.246 min
Delta R.T.: -0.020 min
Response: 565536
Conc: 9.30 ng/ml



#11 AR-1232-1

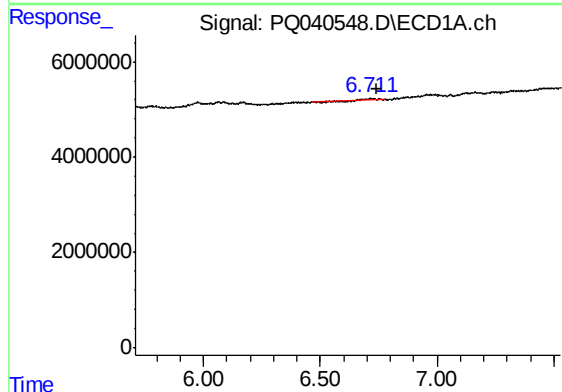
R.T.: 6.088 min
Delta R.T.: -0.013 min
Response: 806029
Conc: 12.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51G3



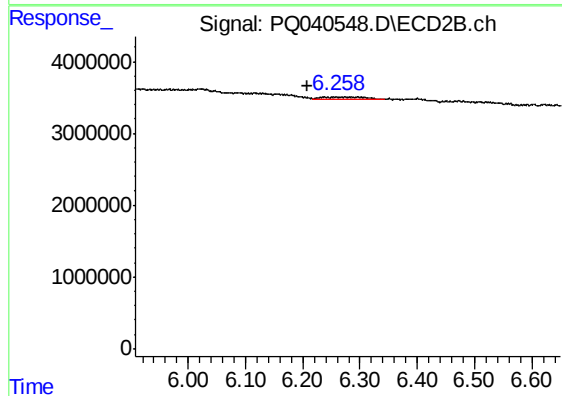
#11 AR-1232-1

R.T.: 5.246 min
Delta R.T.: -0.019 min
Response: 565536
Conc: 12.34 ng/ml



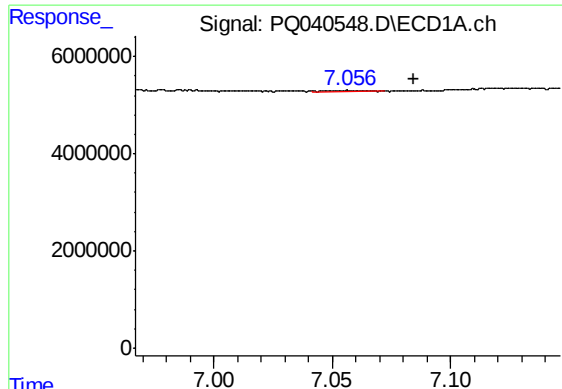
#12 AR-1232-2

R.T.: 6.711 min
Delta R.T.: -0.032 min
Response: 830436
Conc: 20.95 ng/ml



#12 AR-1232-2

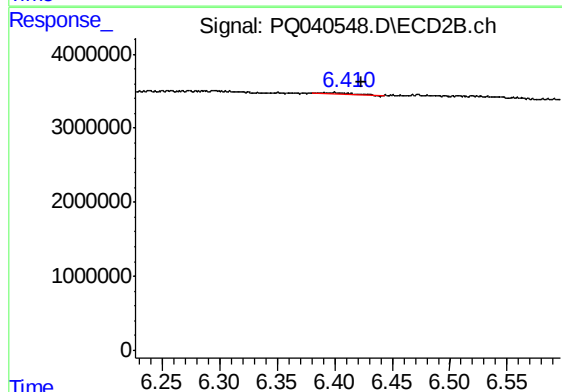
R.T.: 6.274 min
Delta R.T.: 0.066 min
Response: 1172790
Conc: 19.55 ng/ml



#13 AR-1232-3

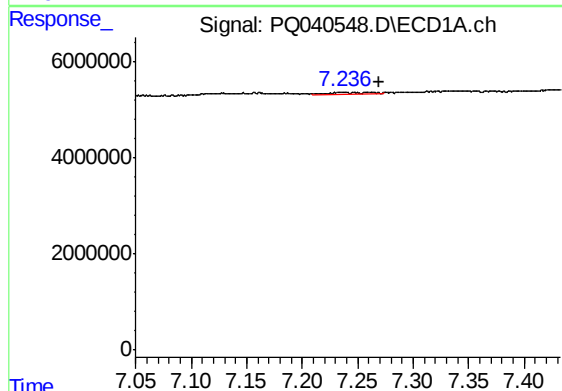
R.T.: 7.057 min
Delta R.T.: -0.027 min
Response: 278096
Conc: 3.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51G3



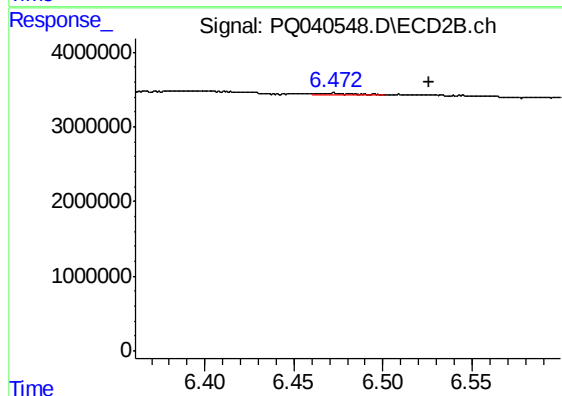
#13 AR-1232-3

R.T.: 6.400 min
Delta R.T.: -0.023 min
Response: 385339
Conc: 10.96 ng/ml



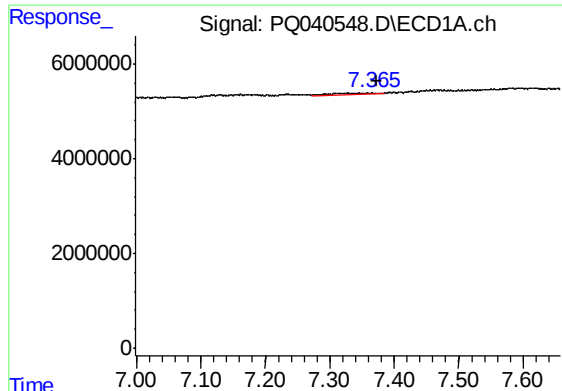
#14 AR-1232-4

R.T.: 7.235 min
Delta R.T.: -0.034 min
Response: 846354
Conc: 20.25 ng/ml



#14 AR-1232-4

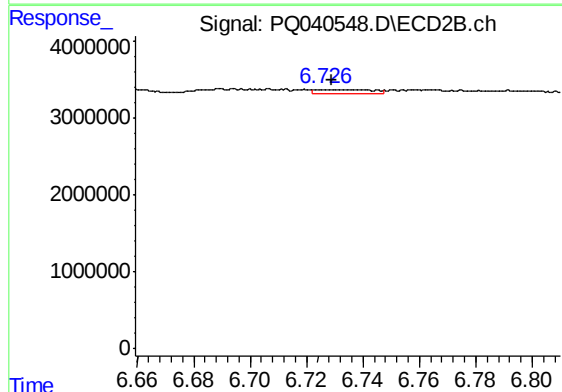
R.T.: 6.473 min
Delta R.T.: -0.053 min
Response: 256766
Conc: 8.69 ng/ml



#15 AR-1232-5

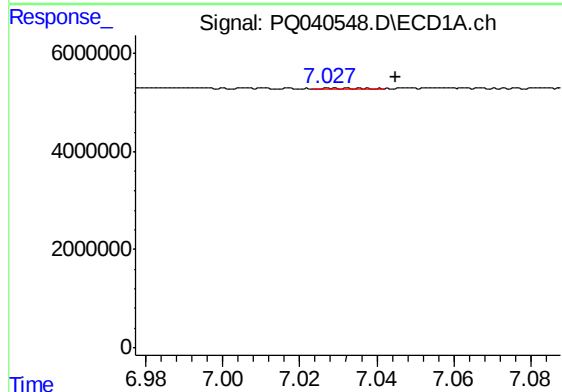
R.T.: 7.347 min
Delta R.T.: -0.025 min
Response: 1608552
Conc: 50.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51G3



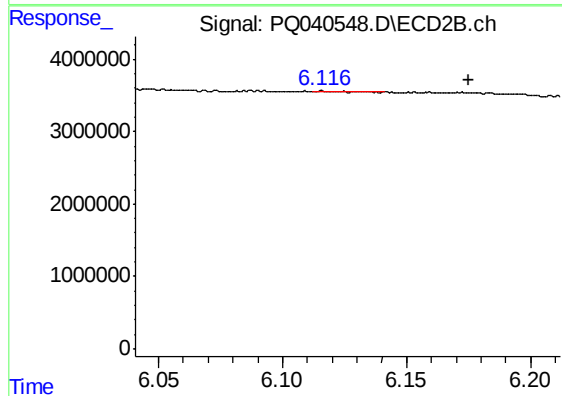
#15 AR-1232-5

R.T.: 6.727 min
Delta R.T.: -0.002 min
Response: 669019
Conc: 22.22 ng/ml



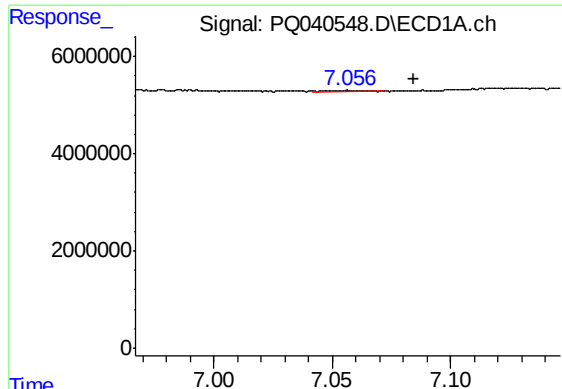
#16 AR-1242-1

R.T.: 7.034 min
Delta R.T.: -0.011 min
Response: 187882
Conc: 1.94 ng/ml



#16 AR-1242-1

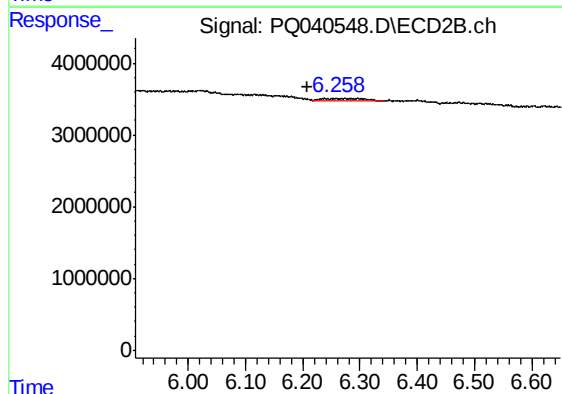
R.T.: 6.116 min
Delta R.T.: -0.059 min
Response: 14819
Conc: 0.20 ng/ml



#17 AR-1242-2

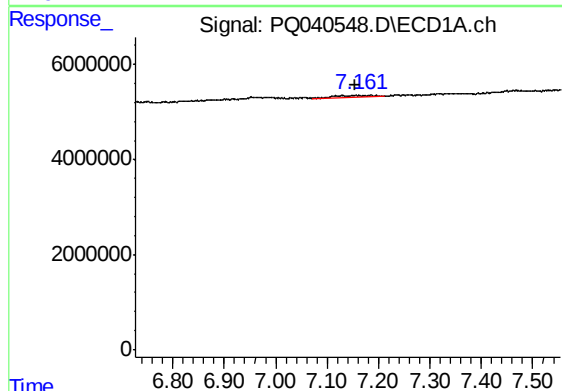
R.T.: 7.057 min
Delta R.T.: -0.027 min
Response: 278096
Conc: 1.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51G3



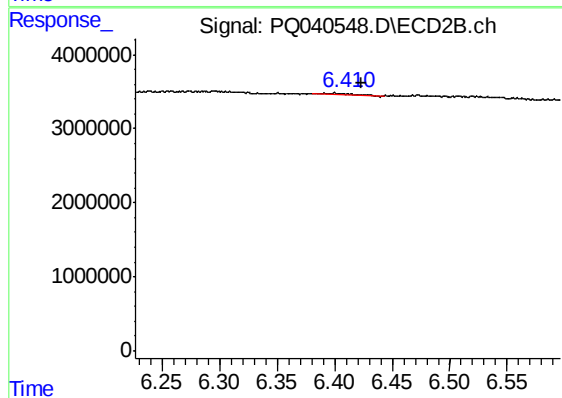
#17 AR-1242-2

R.T.: 6.274 min
Delta R.T.: 0.066 min
Response: 1172790
Conc: 11.02 ng/ml



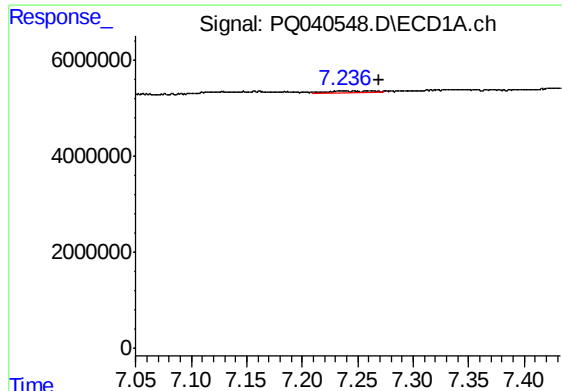
#18 AR-1242-3

R.T.: 7.129 min
Delta R.T.: -0.026 min
Response: 2425350
Conc: 26.05 ng/ml



#18 AR-1242-3

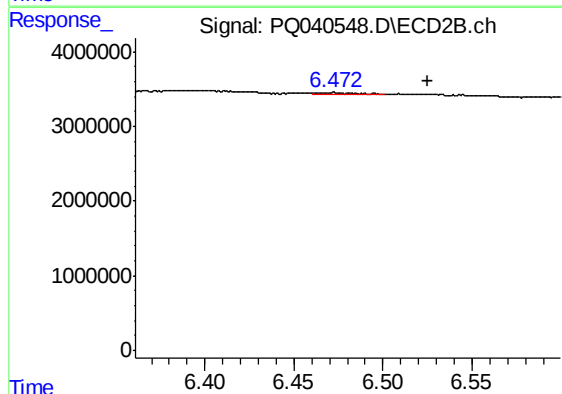
R.T.: 6.400 min
Delta R.T.: -0.023 min
Response: 385339
Conc: 6.39 ng/ml



#19 AR-1242-4

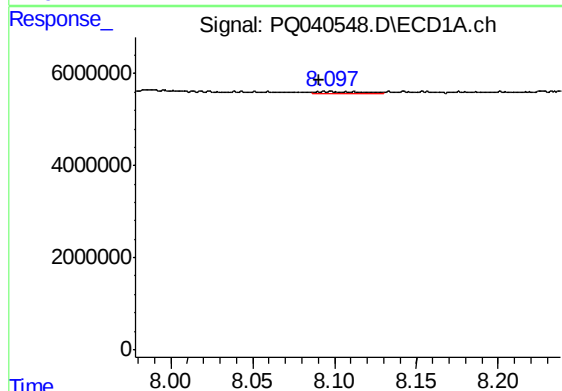
R.T.: 7.235 min
Delta R.T.: -0.035 min
Response: 846354
Conc: 11.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51G3



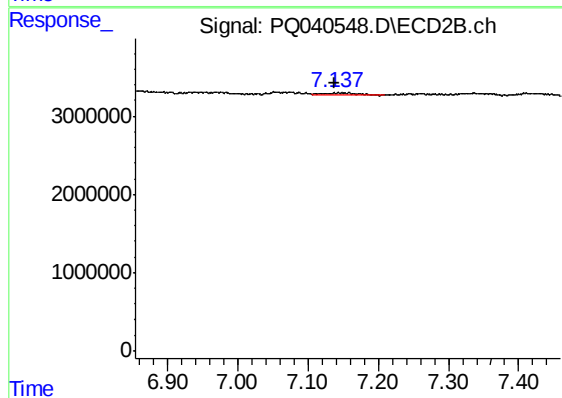
#19 AR-1242-4

R.T.: 6.473 min
Delta R.T.: -0.053 min
Response: 256766
Conc: 4.31 ng/ml



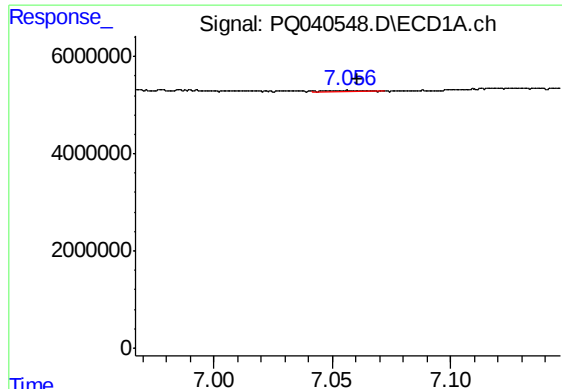
#20 AR-1242-5

R.T.: 8.095 min
Delta R.T.: 0.005 min
Response: 881308
Conc: 10.17 ng/ml



#20 AR-1242-5

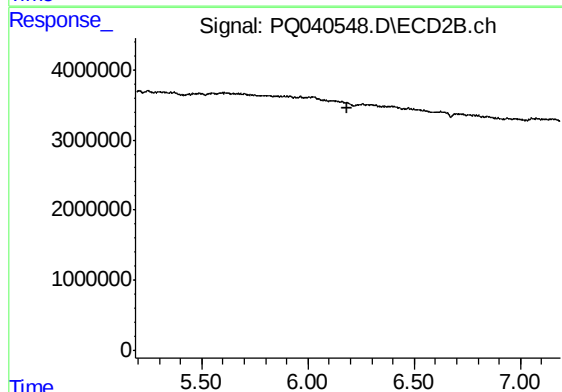
R.T.: 7.138 min
Delta R.T.: 0.000 min
Response: 1056976
Conc: 13.12 ng/ml



#21 AR-1248-1

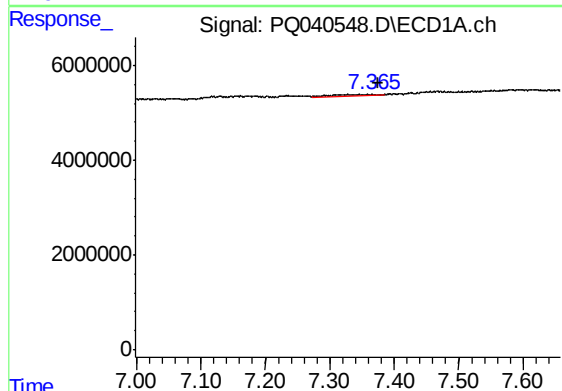
R.T.: 7.057 min
Delta R.T.: -0.003 min
Response: 278096
Conc: 3.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51G3



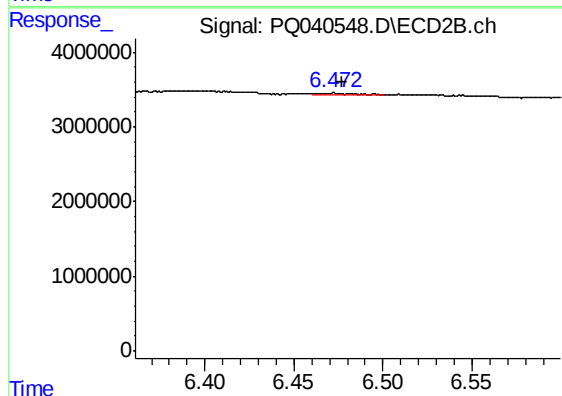
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 6.188 min
Response: 0
Conc: N.D.



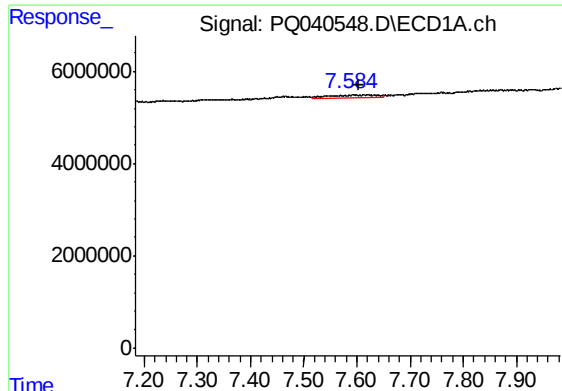
#22 AR-1248-2

R.T.: 7.347 min
Delta R.T.: -0.027 min
Response: 1608552
Conc: 14.28 ng/ml



#22 AR-1248-2

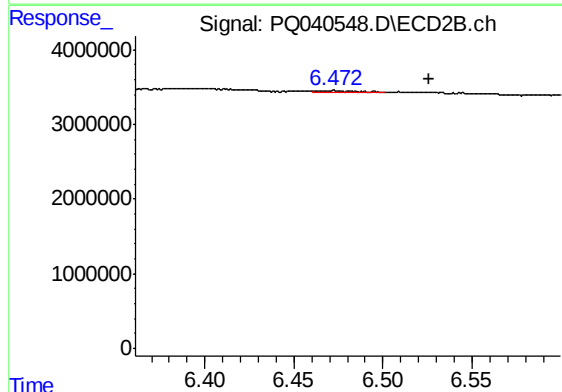
R.T.: 6.473 min
Delta R.T.: -0.004 min
Response: 256766
Conc: 2.92 ng/ml



#23 AR-1248-3

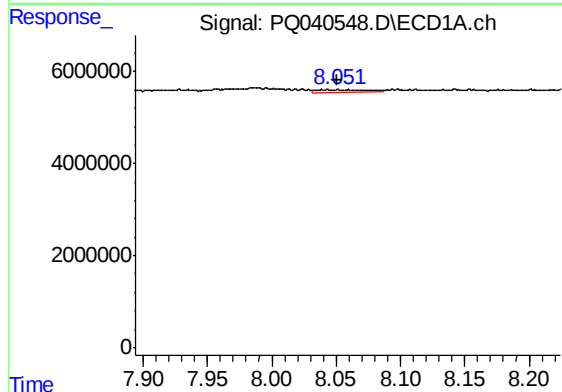
R.T.: 7.598 min
Delta R.T.: -0.005 min
Response: 3939235
Conc: 28.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51G3



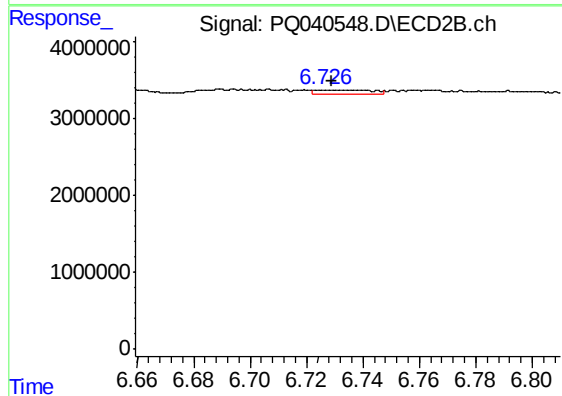
#23 AR-1248-3

R.T.: 6.473 min
Delta R.T.: -0.053 min
Response: 256766
Conc: 2.84 ng/ml



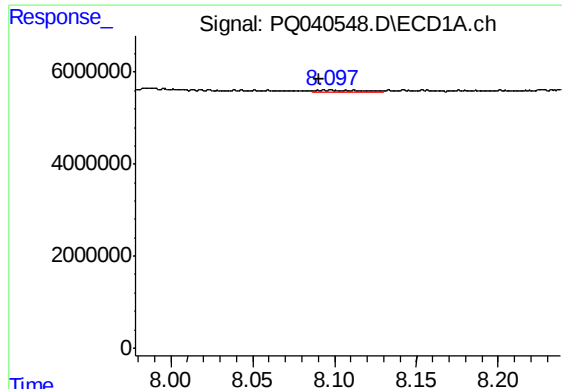
#24 AR-1248-4

R.T.: 8.043 min
Delta R.T.: -0.007 min
Response: 1507626
Conc: 9.99 ng/ml



#24 AR-1248-4

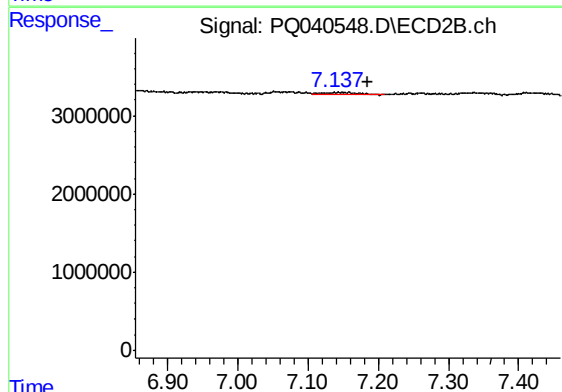
R.T.: 6.727 min
Delta R.T.: -0.002 min
Response: 669019
Conc: 6.06 ng/ml



#25 AR-1248-5

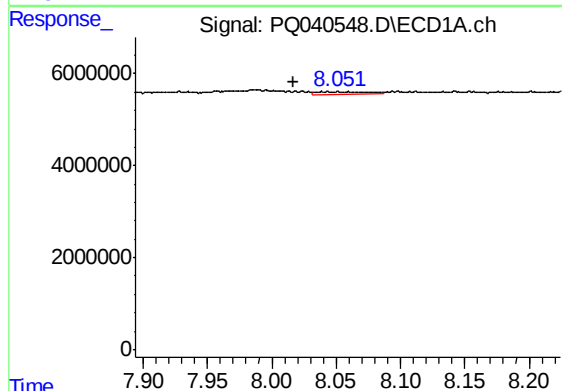
R.T.: 8.095 min
Delta R.T.: 0.004 min
Response: 881308
Conc: 5.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51G3



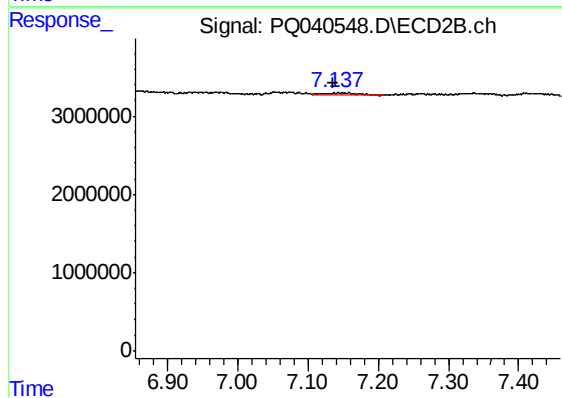
#25 AR-1248-5

R.T.: 7.138 min
Delta R.T.: -0.047 min
Response: 1056976
Conc: 9.31 ng/ml



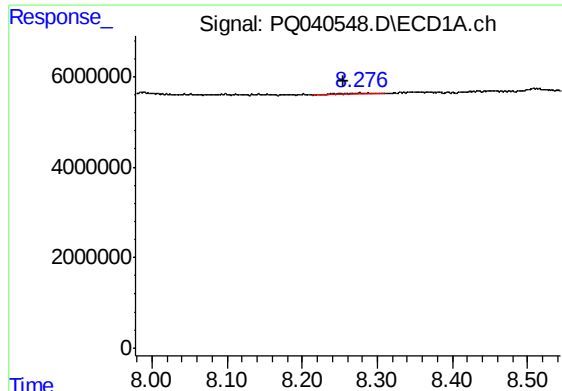
#26 AR-1254-1

R.T.: 8.043 min
Delta R.T.: 0.026 min
Response: 1507626
Conc: 8.64 ng/ml



#26 AR-1254-1

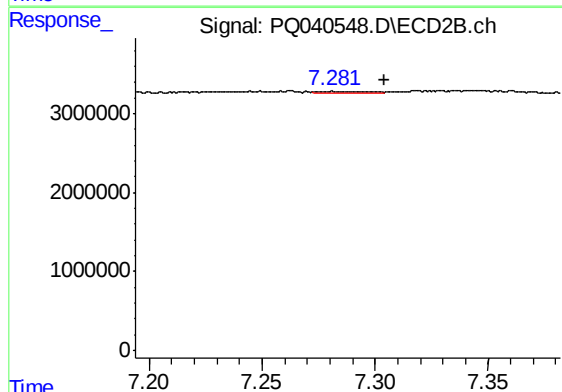
R.T.: 7.138 min
Delta R.T.: 0.002 min
Response: 1056976
Conc: 5.52 ng/ml



#27 AR-1254-2

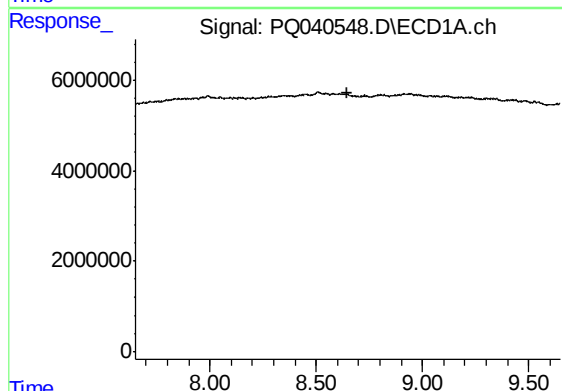
R.T.: 8.277 min
Delta R.T.: 0.023 min
Response: 626614
Conc: 2.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51G3



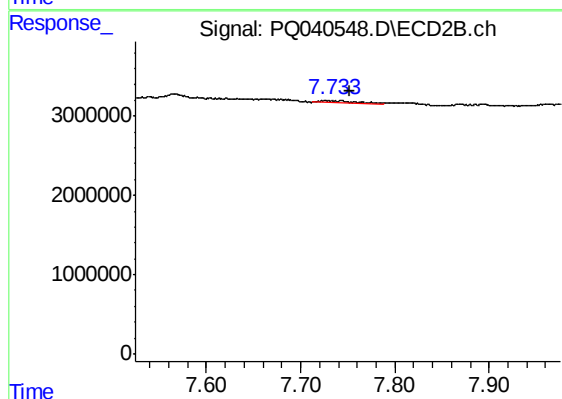
#27 AR-1254-2

R.T.: 7.280 min
Delta R.T.: -0.024 min
Response: 289744
Conc: 1.67 ng/ml



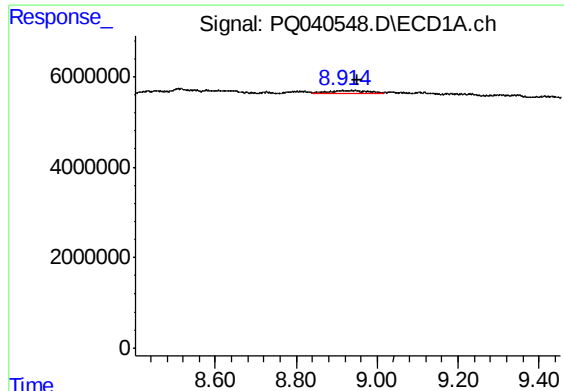
#28 AR-1254-3

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



#28 AR-1254-3

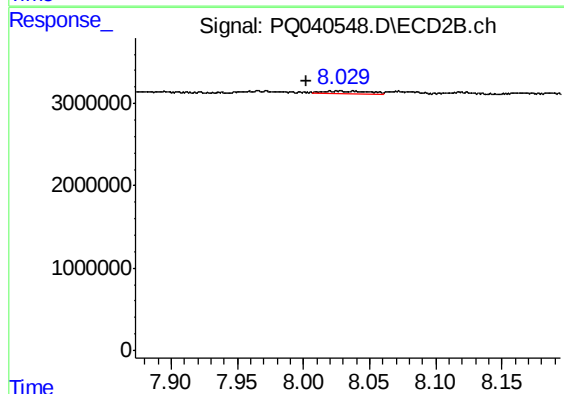
R.T.: 7.729 min
Delta R.T.: -0.023 min
Response: 718168
Conc: 2.49 ng/ml



#29 AR-1254-4

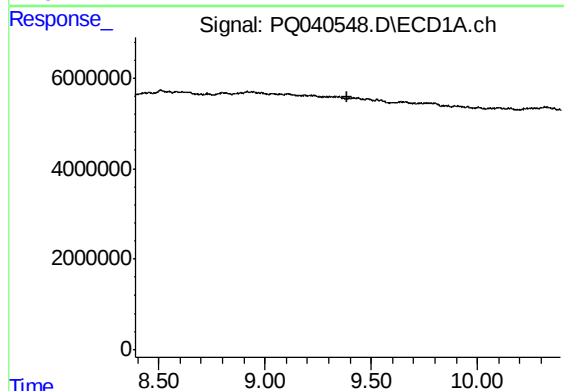
R.T.: 8.945 min
Delta R.T.: -0.007 min
Response: 3119507
Conc: 15.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51G3



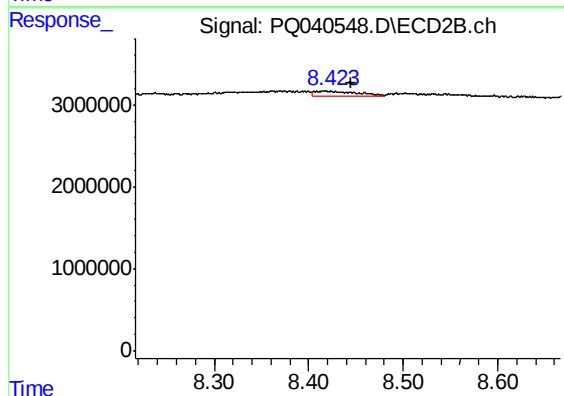
#29 AR-1254-4

R.T.: 8.028 min
Delta R.T.: 0.026 min
Response: 780004
Conc: 4.37 ng/ml



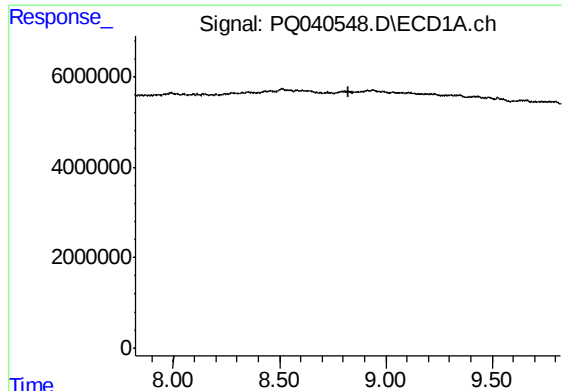
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 9.390 min
Response: 0
Conc: N.D.



#30 AR-1254-5

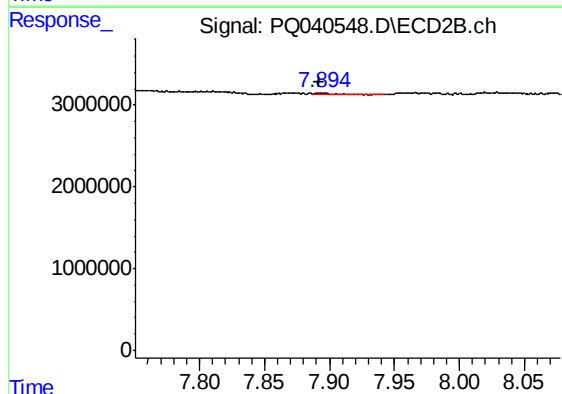
R.T.: 8.418 min
Delta R.T.: -0.027 min
Response: 1778331
Conc: 6.90 ng/ml



#31 AR-1260-1

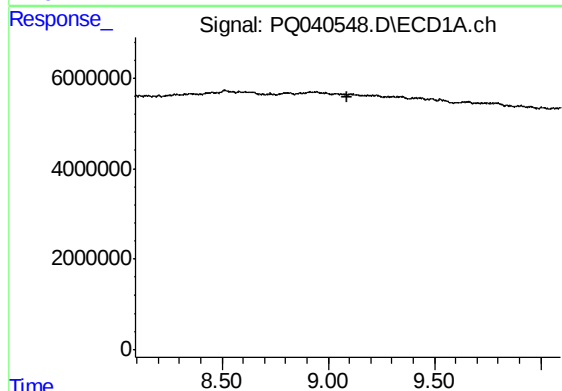
R.T.: 0.000 min
Exp R.T. : 8.822 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
A51G3



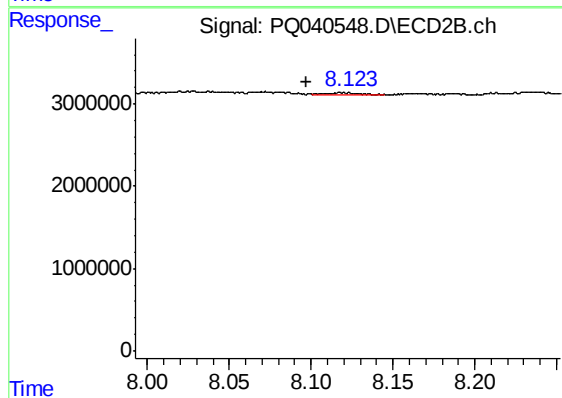
#31 AR-1260-1

R.T.: 7.894 min
Delta R.T.: 0.002 min
Response: 291472
Conc: 1.06 ng/ml



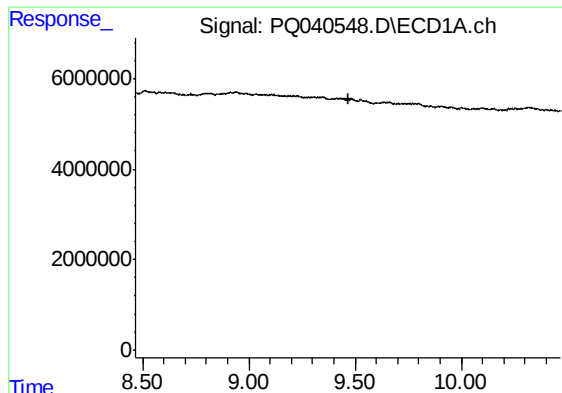
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.



#32 AR-1260-2

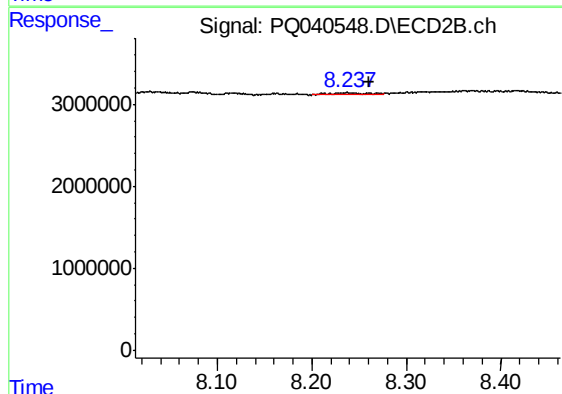
R.T.: 8.119 min
Delta R.T.: 0.022 min
Response: 295068
Conc: 0.85 ng/ml



#33 AR-1260-3

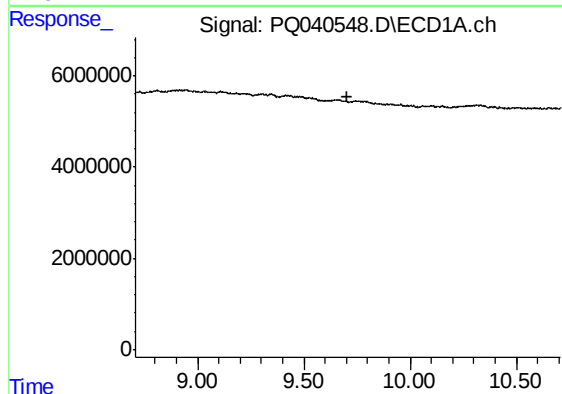
R.T.: 0.000 min
Exp R.T. : 9.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
A51G3



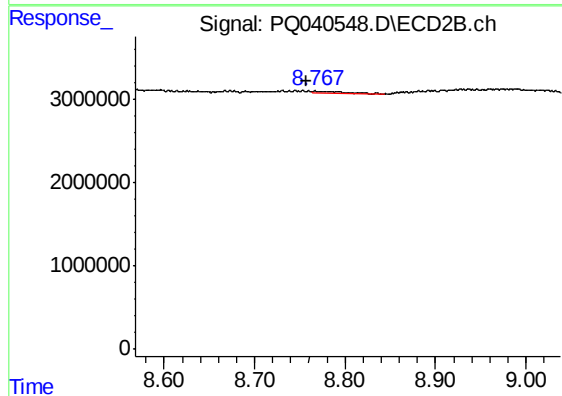
#33 AR-1260-3

R.T.: 8.237 min
Delta R.T.: -0.024 min
Response: 690983
Conc: 2.15 ng/ml



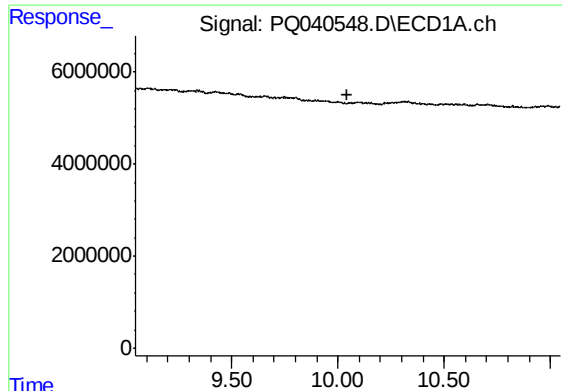
#34 AR-1260-4

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



#34 AR-1260-4

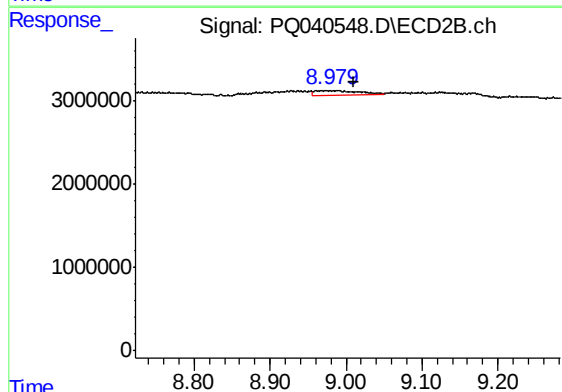
R.T.: 8.770 min
Delta R.T.: 0.014 min
Response: 604426
Conc: 2.22 ng/ml



#35 AR-1260-5

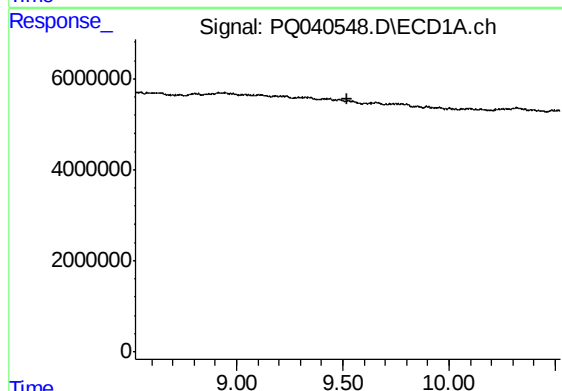
R.T.: 0.000 min
Exp R.T. : 10.047 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
A51G3



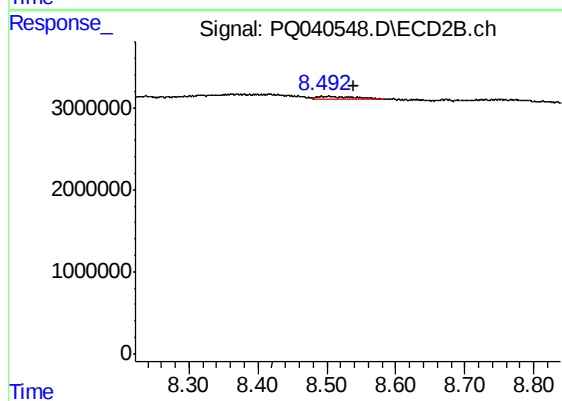
#35 AR-1260-5

R.T.: 8.978 min
Delta R.T.: -0.032 min
Response: 2071135
Conc: 3.08 ng/ml



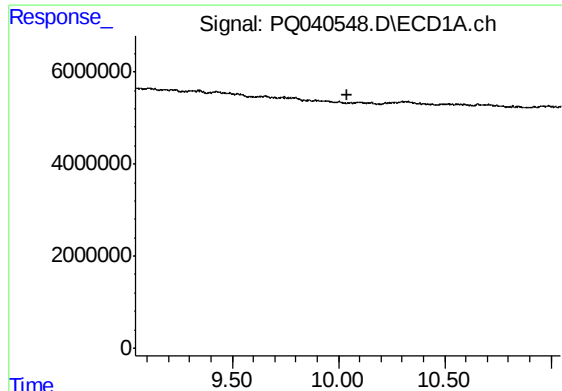
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 9.524 min
Response: 0
Conc: N.D.



#36 AR-1262-1

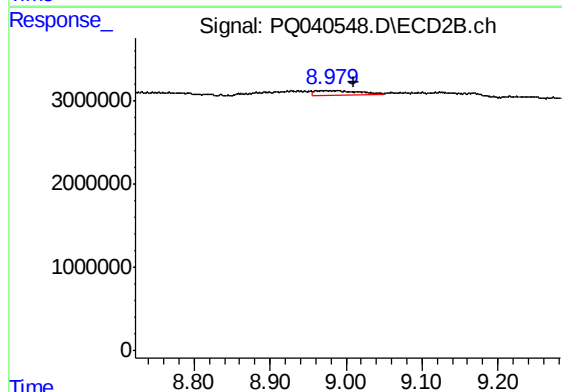
R.T.: 8.493 min
Delta R.T.: -0.046 min
Response: 1289528
Conc: 11.36 ng/ml



#37 AR-1262-2

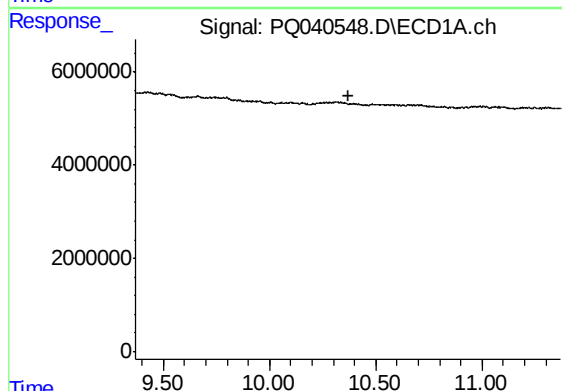
R.T.: 0.000 min
Exp R.T. : 10.045 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
A51G3



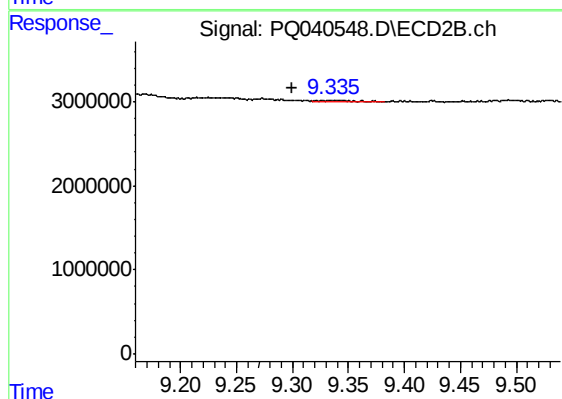
#37 AR-1262-2

R.T.: 8.978 min
Delta R.T.: -0.031 min
Response: 2071135
Conc: 4.17 ng/ml



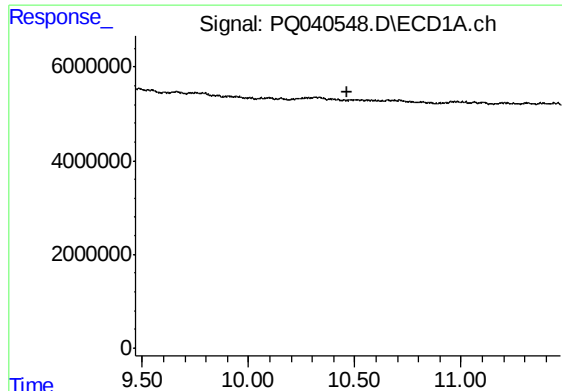
#38 AR-1262-3

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



#38 AR-1262-3

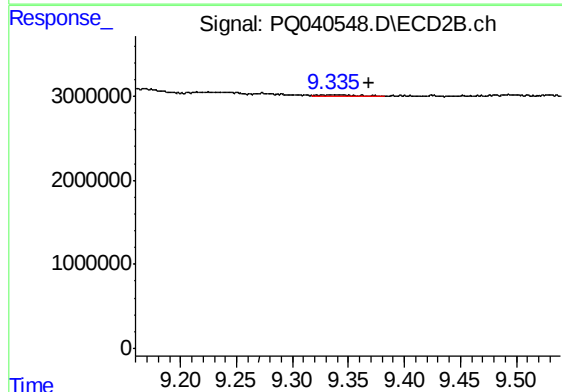
R.T.: 9.336 min
Delta R.T.: 0.036 min
Response: 209176
Conc: 0.99 ng/ml



#39 AR-1262-4

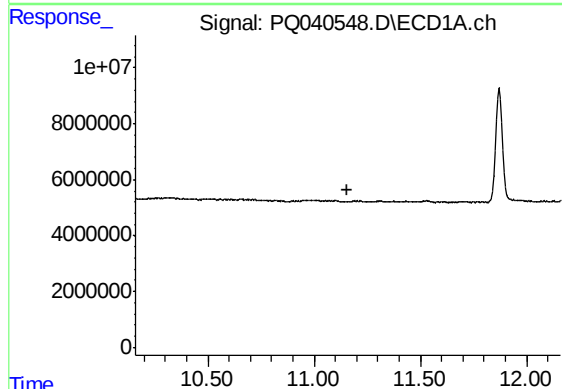
R.T.: 0.000 min
Exp R.T. : 10.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
A51G3



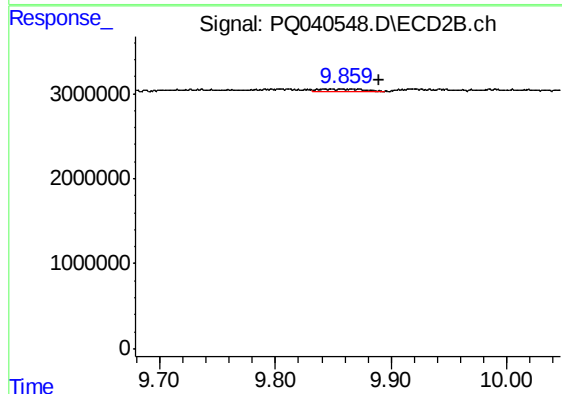
#39 AR-1262-4

R.T.: 9.336 min
Delta R.T.: -0.032 min
Response: 209176
Conc: 0.55 ng/ml



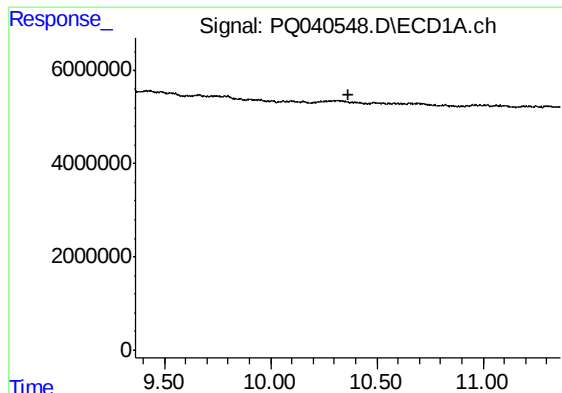
#40 AR-1262-5

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



#40 AR-1262-5

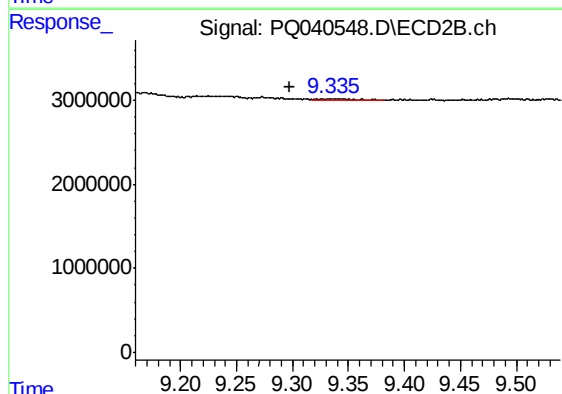
R.T.: 9.860 min
Delta R.T.: -0.030 min
Response: 867042
Conc: 5.35 ng/ml



#41 AR-1268-1

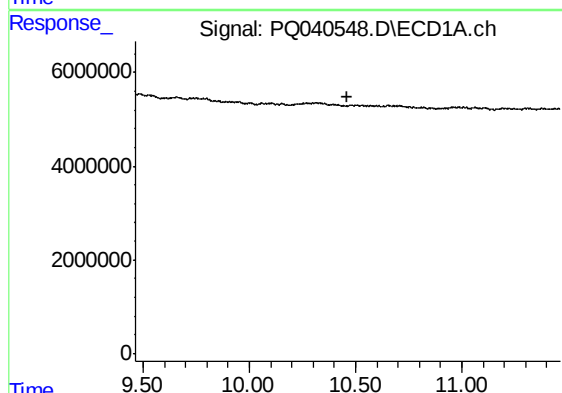
R.T.: 0.000 min
Exp R.T. : 10.364 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
A51G3



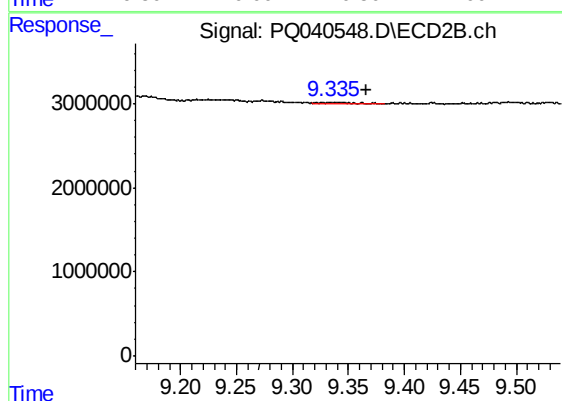
#41 AR-1268-1

R.T.: 9.336 min
Delta R.T.: 0.039 min
Response: 209176
Conc: 0.46 ng/ml



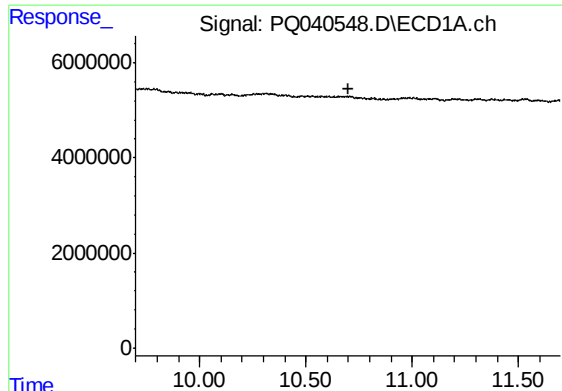
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 10.464 min
Response: 0
Conc: N.D.



#42 AR-1268-2

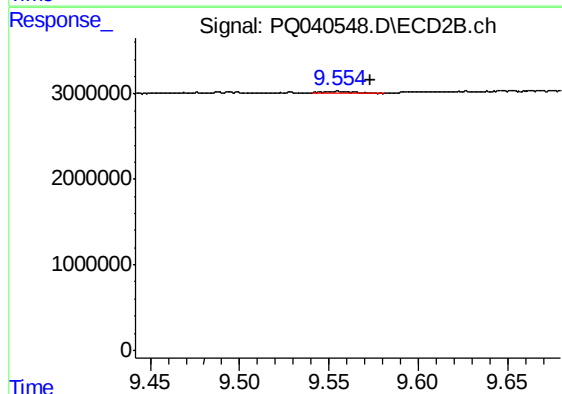
R.T.: 9.336 min
Delta R.T.: -0.030 min
Response: 209176
Conc: 0.48 ng/ml



#43 AR-1268-3

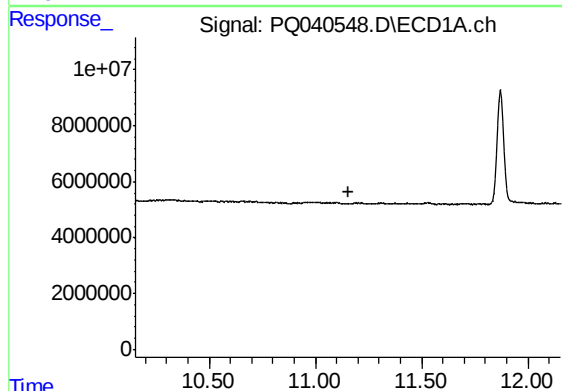
R.T.: 0.000 min
Exp R.T. : 10.698 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
A51G3



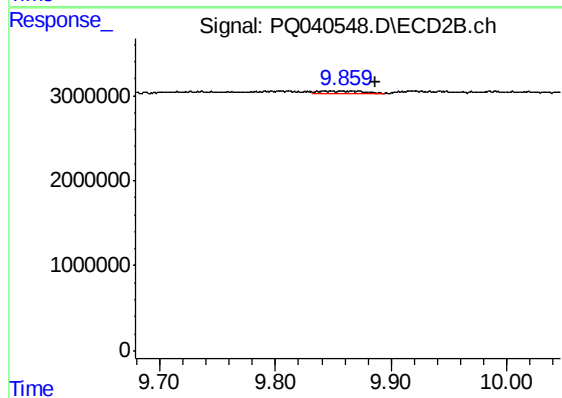
#43 AR-1268-3

R.T.: 9.555 min
Delta R.T.: -0.018 min
Response: 222073
Conc: 0.59 ng/ml



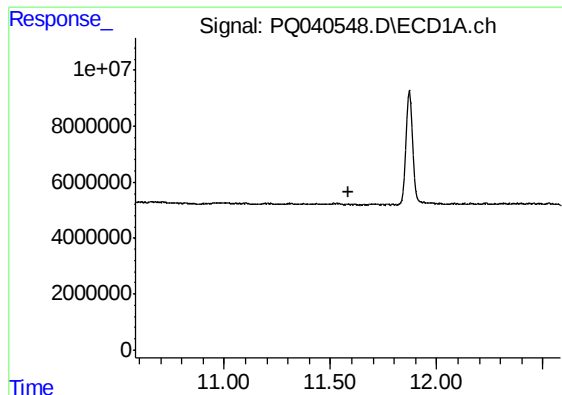
#44 AR-1268-4

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



#44 AR-1268-4

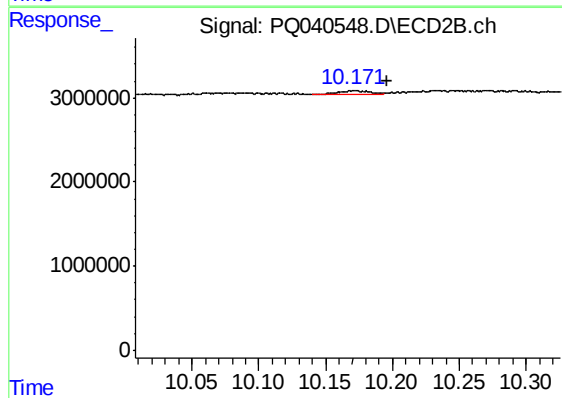
R.T.: 9.860 min
Delta R.T.: -0.027 min
Response: 867042
Conc: 6.29 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 11.582 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
A51G3



#45 AR-1268-5

R.T.: 10.171 min
Delta R.T.: -0.025 min
Response: 621572
Conc: 0.53 ng/ml