

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082719\
 Data File : PQ042983.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Aug 2019 18:21
 Operator : SM\AJ
 Sample : K4518-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETQC4

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 27 04:38:05 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082619CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 26 05:38:16 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...	5.632	4.693	46747319	45144107	17.465	19.503
2)	SA Decachlor...	11.984	10.424	184.9E6	164.6E6	21.900	24.507
Target Compounds							
3)	L1 AR-1016-1	7.071	0.000	2032752	0	19.566	N.D. #
4)	L1 AR-1016-2	7.108	0.000	2750396	0	17.252	N.D. #
5)	L1 AR-1016-3	7.180	0.000	255923	0	2.519	N.D. #
6)	L1 AR-1016-4	0.000	6.488	0	331161	N.D.	4.767 #
7)	L1 AR-1016-5	0.000	6.629	0	63769	N.D.	0.708 #
9)	L2 AR-1221-2	6.026	5.115	1447871	142086	61.252	5.653 #
10)	L2 AR-1221-3	0.000	5.221	0	418803	N.D.	5.035 #
11)	L3 AR-1232-1	0.000	5.221	0	418803	N.D.	5.527 #
13)	L3 AR-1232-3	7.108	0.000	2750396	0	33.163	N.D. #
14)	L3 AR-1232-4	0.000	6.488	0	331161	N.D.	7.725 #
15)	L3 AR-1232-5	7.441	6.629	339214	63769	11.857	1.410 #
16)	L4 AR-1242-1	7.071	0.000	2032752	0	19.979	N.D. #
17)	L4 AR-1242-2	7.108	0.000	2750396	0	18.055	N.D. #
18)	L4 AR-1242-3	7.180	0.000	255923	0	2.682	N.D. #
19)	L4 AR-1242-4	0.000	6.488	0	331161	N.D.	3.970 #
20)	L4 AR-1242-5	8.109	7.094	1679985	1842266	17.543	16.169
21)	L5 AR-1248-1	7.071	0.000	2032752	0	25.716	N.D. #
22)	L5 AR-1248-2	7.441	6.488	339214	331161	2.997	2.798
23)	L5 AR-1248-3	0.000	6.488	0	331161	N.D.	2.742 #
24)	L5 AR-1248-4	8.069	6.629	2225088	63769	13.732	0.435 #
25)	L5 AR-1248-5	8.109	7.141	1679985	1801393	10.720	11.565
26)	L6 AR-1254-1	8.037	7.094	704254	1842266	4.215	7.512 #
27)	L6 AR-1254-2	8.277	7.264	3741573	462636	13.912	2.074 #
28)	L6 AR-1254-3	8.670	7.709	2872051	3088231	9.536	8.216
29)	L6 AR-1254-4	8.973	7.958	2095954	2147063	9.200	8.880
30)	L6 AR-1254-5	9.408	8.403	4157549	3112700	15.351	8.434 #
31)	L7 AR-1260-1	8.837	7.849	1177012	1967558	6.570	10.149 #
32)	L7 AR-1260-2	9.107	8.058	3249963	1790001	13.819	7.031 #
33)	L7 AR-1260-3	9.485	8.218	2458401	777177	11.505	3.411 #
34)	L7 AR-1260-4	9.724	8.716	2597843	846976	11.018	3.926 #
35)	L7 AR-1260-5	10.068	8.966	3150894	1900967	5.529	3.260 #
36)	L8 AR-1262-1	9.485	8.503	2458401	655046	6.119	3.536 #
37)	L8 AR-1262-2	10.068	8.966	3150894	1900967	3.939	2.201 #
38)	L8 AR-1262-3	10.417	9.262	1703883	229139	2.877	0.612 #
39)	L8 AR-1262-4	10.493	9.324	516793	1344584	1.038	1.959 #
40)	L8 AR-1262-5	11.194	9.843	1054360	1060446	2.826	3.227
41)	L9 AR-1268-1	10.417	9.262	1703883	229139	1.586	0.214 #
42)	L9 AR-1268-2	10.493	9.324	516793	1344584	0.493	1.309 #
43)	L9 AR-1268-3	10.739	9.534	1247352	2042367	1.303	2.315 #
44)	L9 AR-1268-4	11.194	9.843	1054360	1060446	2.628	2.976

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082619CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 26 05:38:16 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
45) L9	AR-1268-5	11.626	10.153	7183673	1477383	2.152	0.528 #

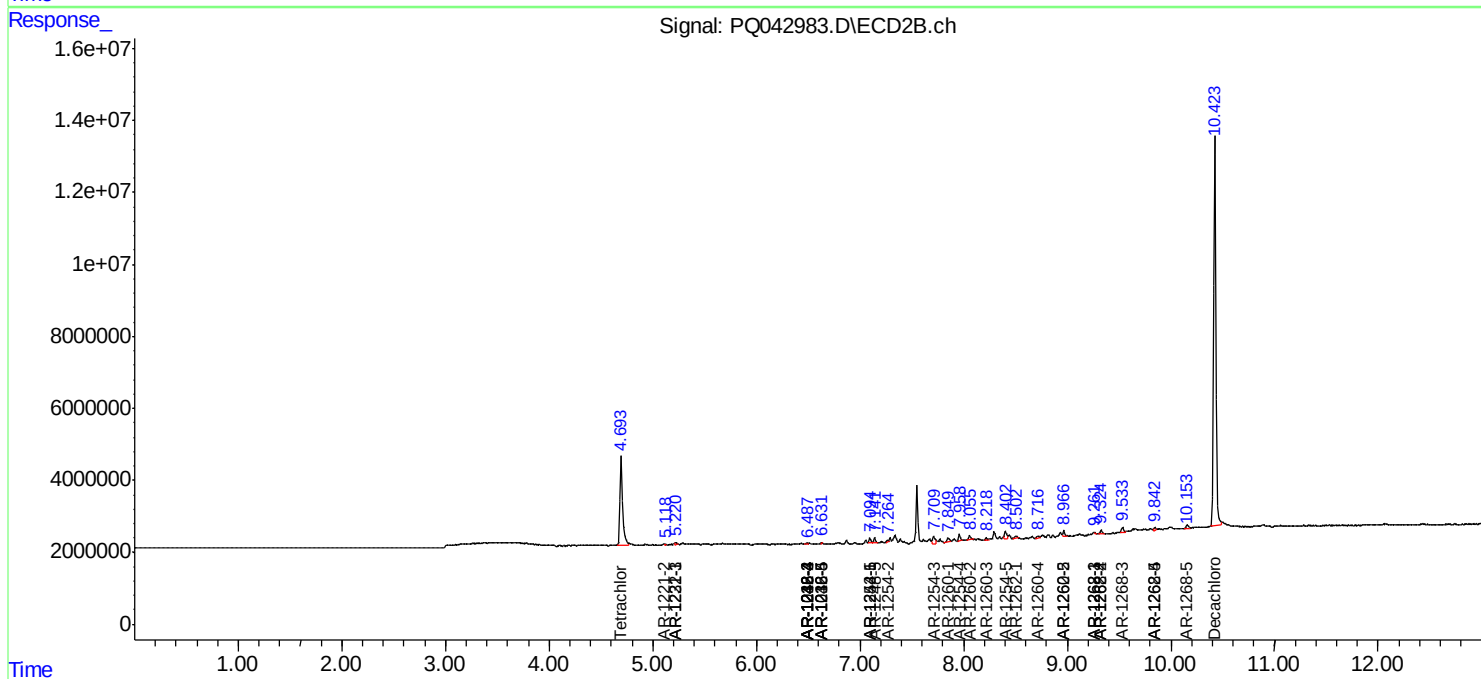
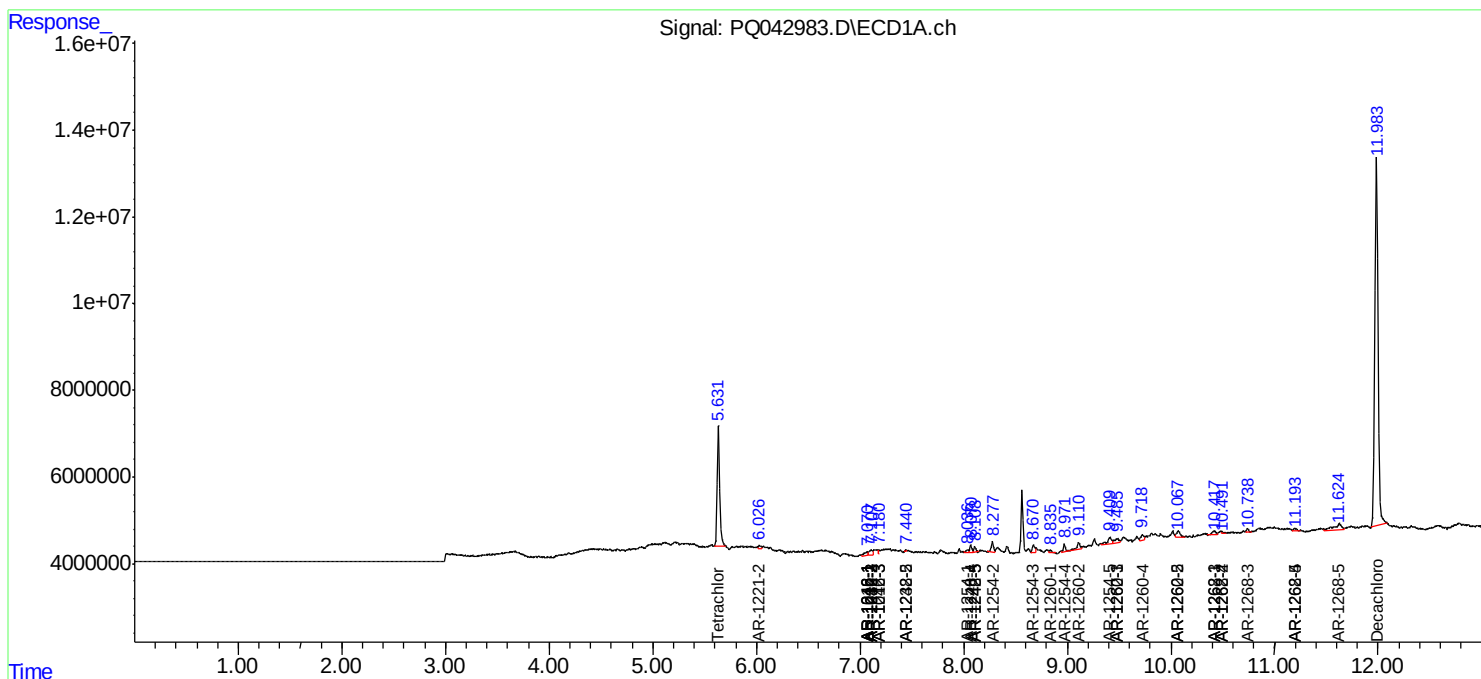
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

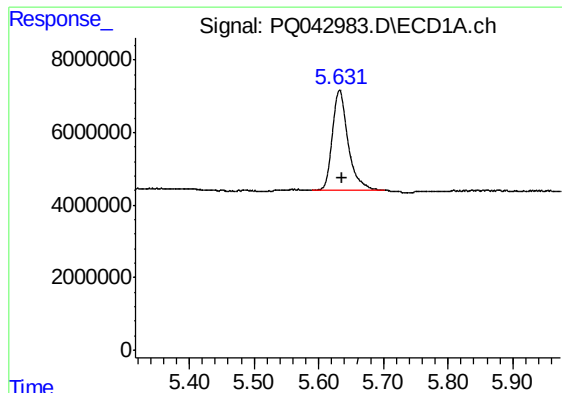
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082719\
Data File : PQ042983.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Aug 2019 18:21
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Integration File signal 1: autoint1.e
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Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 26 05:38:16 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

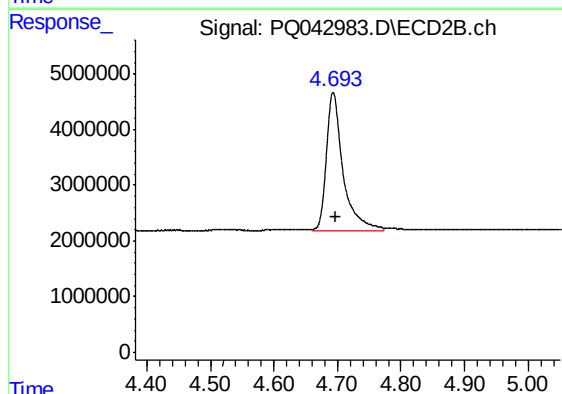




#1 Tetrachloro-m-xylene

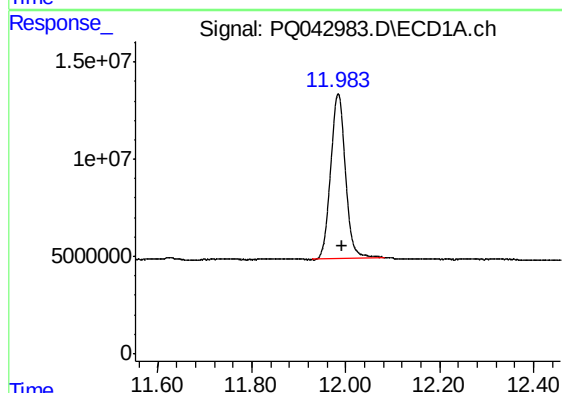
R.T.: 5.632 min
Delta R.T.: -0.004 min
Response: 46747319
Conc: 17.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQC4



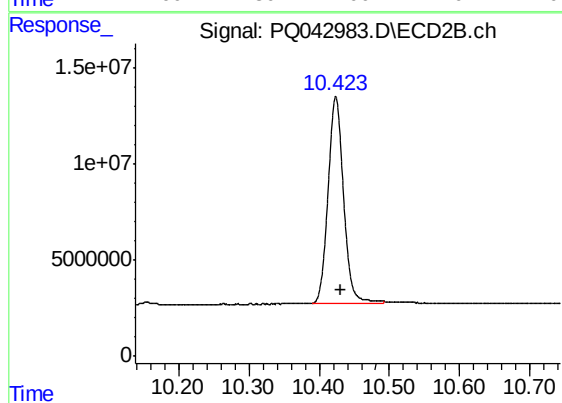
#1 Tetrachloro-m-xylene

R.T.: 4.693 min
Delta R.T.: -0.003 min
Response: 45144107
Conc: 19.50 ng/ml



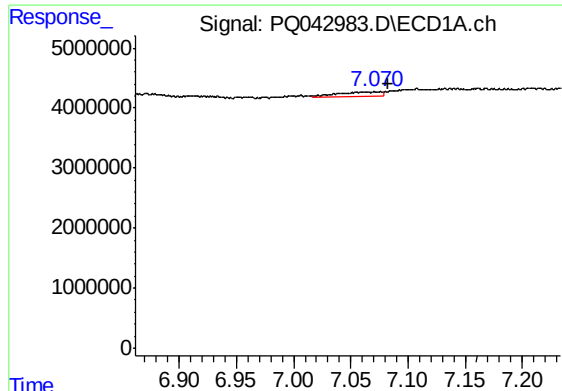
#2 Decachlorobiphenyl

R.T.: 11.984 min
Delta R.T.: -0.009 min
Response: 184881235
Conc: 21.90 ng/ml



#2 Decachlorobiphenyl

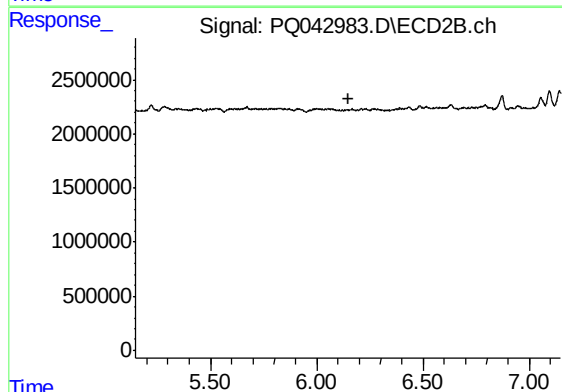
R.T.: 10.424 min
Delta R.T.: -0.007 min
Response: 164634959
Conc: 24.51 ng/ml



#3 AR-1016-1

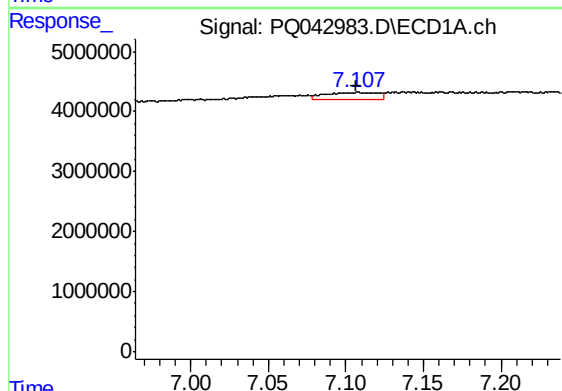
R.T.: 7.071 min
Delta R.T.: -0.012 min
Response: 2032752
Conc: 19.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQC4



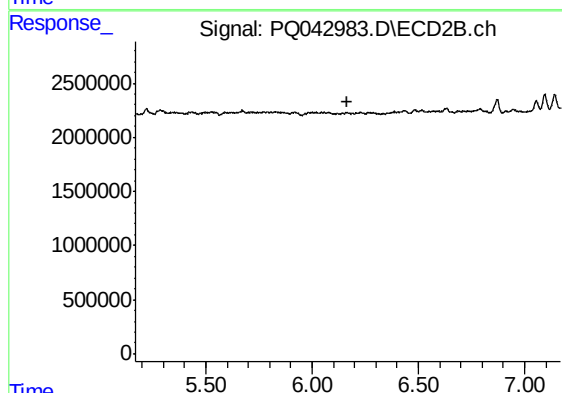
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 6.147 min
Response: 0
Conc: N.D.



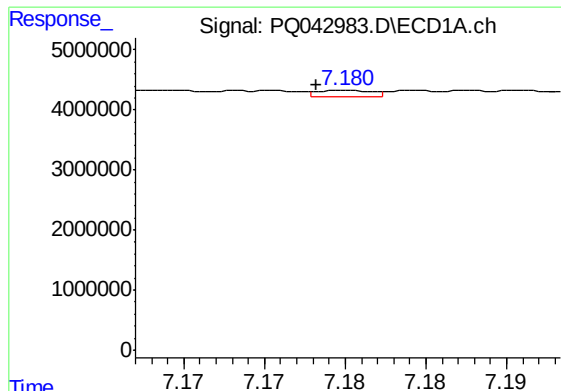
#4 AR-1016-2

R.T.: 7.108 min
Delta R.T.: 0.001 min
Response: 2750396
Conc: 17.25 ng/ml



#4 AR-1016-2

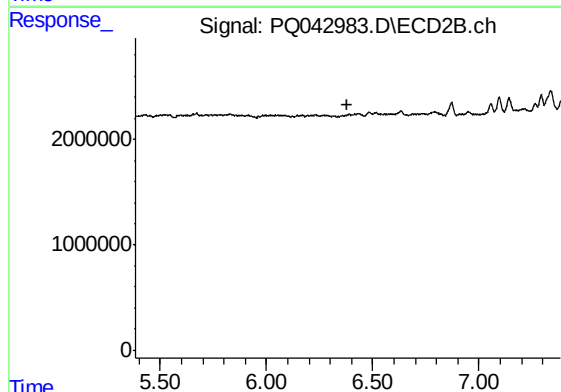
R.T.: 0.000 min
Exp R.T. : 6.168 min
Response: 0
Conc: N.D.



#5 AR-1016-3

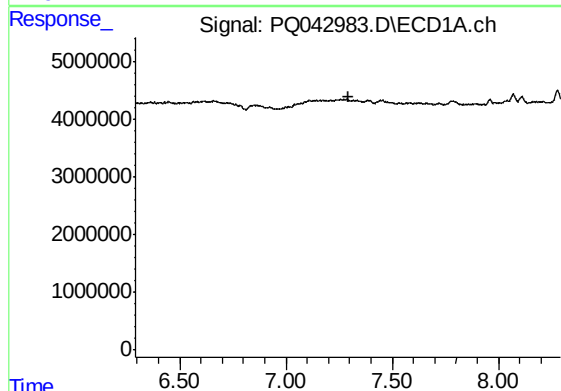
R.T.: 7.180 min
Delta R.T.: 0.002 min
Response: 255923
Conc: 2.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQC4



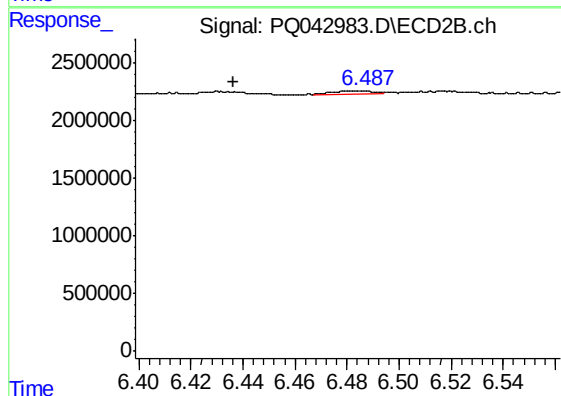
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 6.383 min
Response: 0
Conc: N.D.



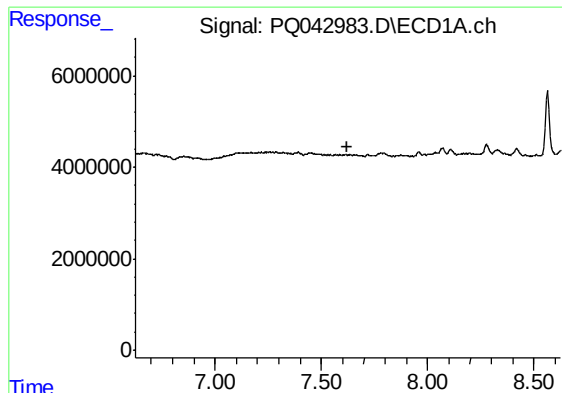
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 7.291 min
Response: 0
Conc: N.D.



#6 AR-1016-4

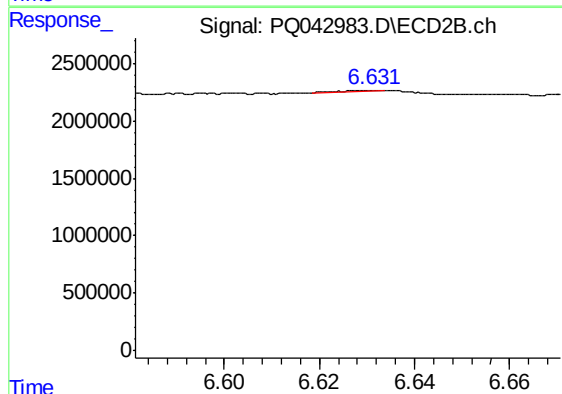
R.T.: 6.488 min
Delta R.T.: 0.051 min
Response: 331161
Conc: 4.77 ng/ml



#7 AR-1016-5

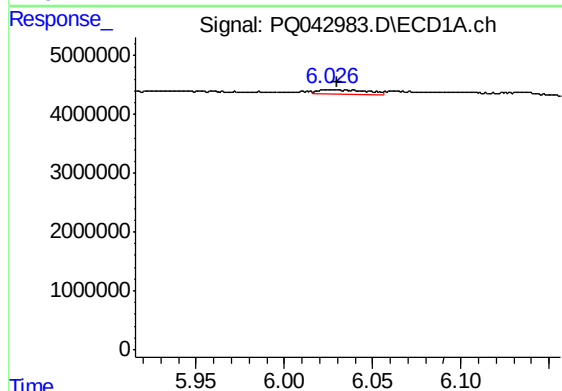
R.T.: 0.000 min
Exp R.T.: 7.625 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQC4



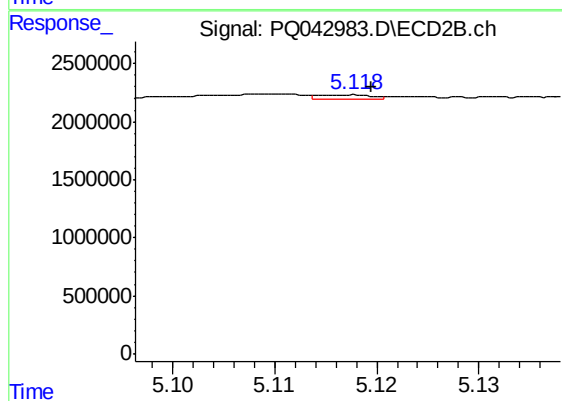
#7 AR-1016-5

R.T.: 6.629 min
Delta R.T.: -0.061 min
Response: 63769
Conc: 0.71 ng/ml



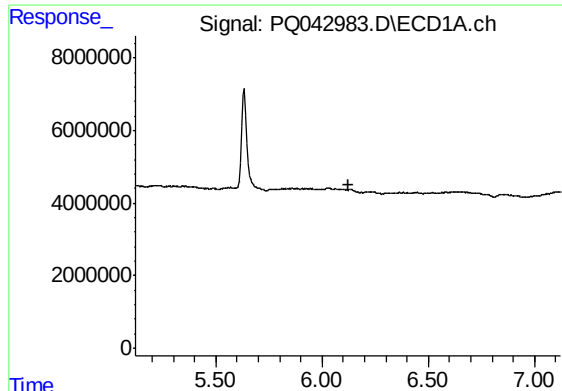
#9 AR-1221-2

R.T.: 6.026 min
Delta R.T.: -0.003 min
Response: 1447871
Conc: 61.25 ng/ml



#9 AR-1221-2

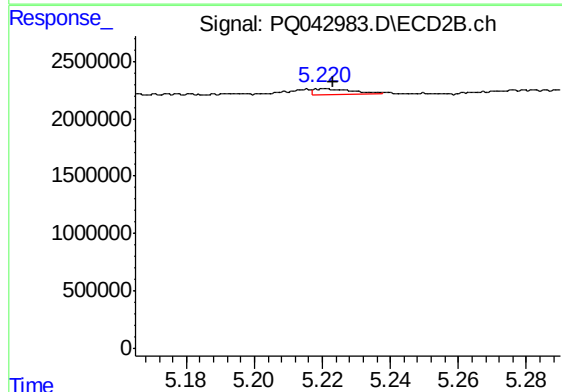
R.T.: 5.115 min
Delta R.T.: -0.004 min
Response: 142086
Conc: 5.65 ng/ml



#10 AR-1221-3

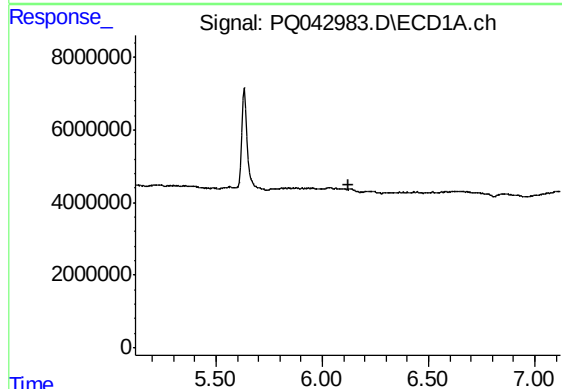
R.T.: 0.000 min
Exp R.T. : 6.122 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQC4



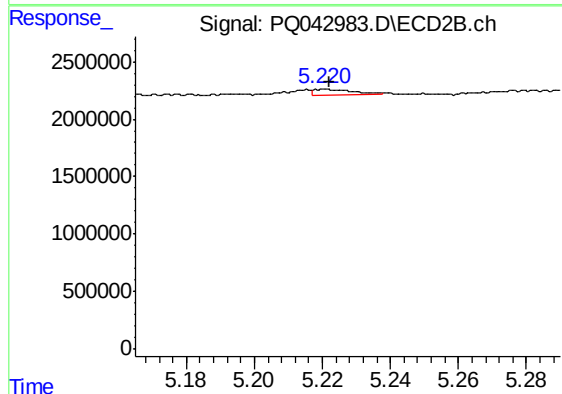
#10 AR-1221-3

R.T.: 5.221 min
Delta R.T.: -0.003 min
Response: 418803
Conc: 5.03 ng/ml



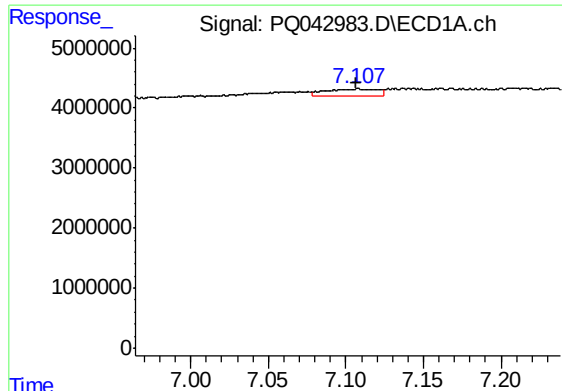
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 6.121 min
Response: 0
Conc: N.D.



#11 AR-1232-1

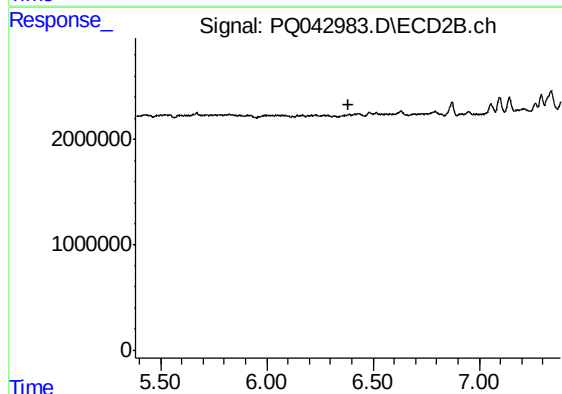
R.T.: 5.221 min
Delta R.T.: -0.002 min
Response: 418803
Conc: 5.53 ng/ml



#13 AR-1232-3

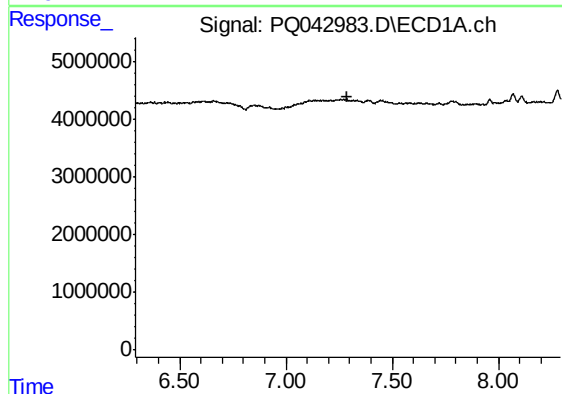
R.T.: 7.108 min
Delta R.T.: 0.001 min
Response: 2750396
Conc: 33.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQC4



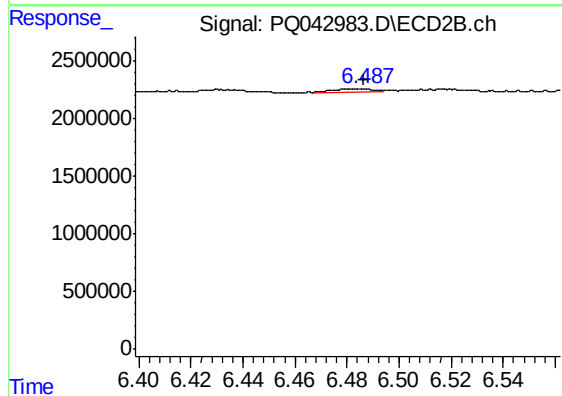
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 6.382 min
Response: 0
Conc: N.D.



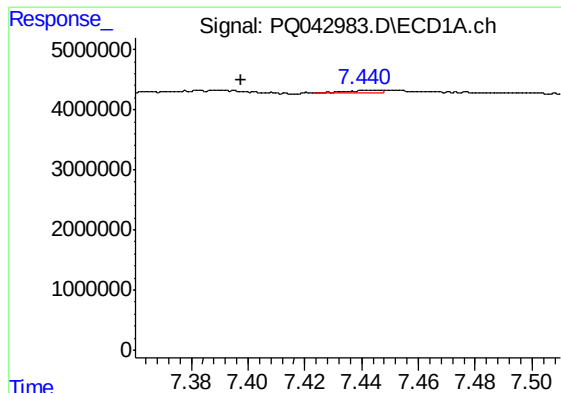
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 7.292 min
Response: 0
Conc: N.D.



#14 AR-1232-4

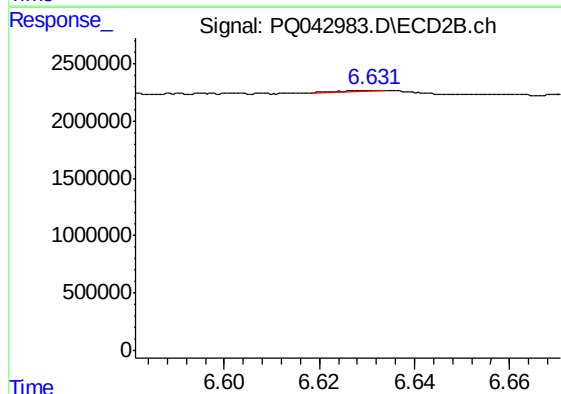
R.T.: 6.488 min
Delta R.T.: 0.001 min
Response: 331161
Conc: 7.72 ng/ml



#15 AR-1232-5

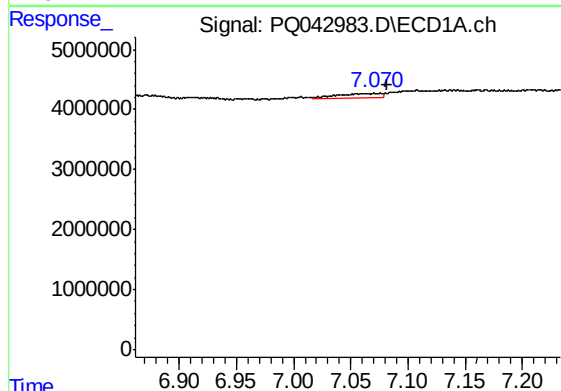
R.T.: 7.441 min
Delta R.T.: 0.044 min
Response: 339214
Conc: 11.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQC4



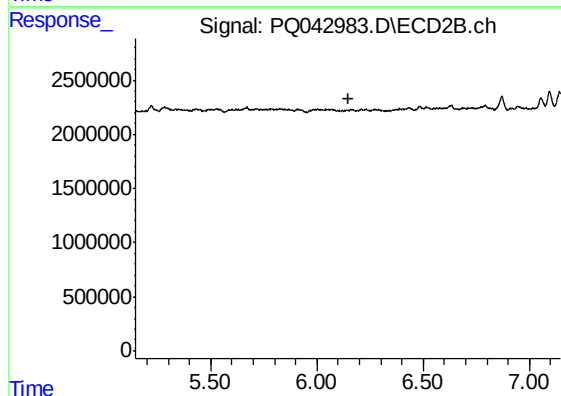
#15 AR-1232-5

R.T.: 6.629 min
Delta R.T.: -0.061 min
Response: 63769
Conc: 1.41 ng/ml



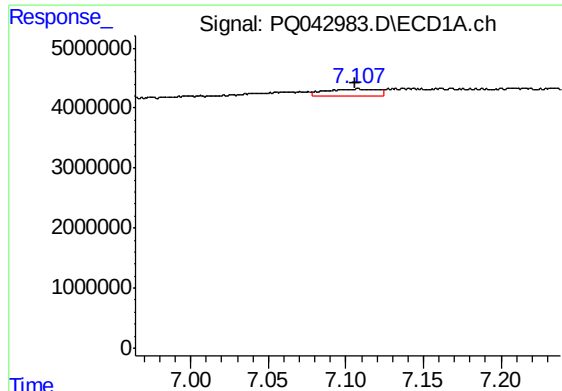
#16 AR-1242-1

R.T.: 7.071 min
Delta R.T.: -0.011 min
Response: 2032752
Conc: 19.98 ng/ml



#16 AR-1242-1

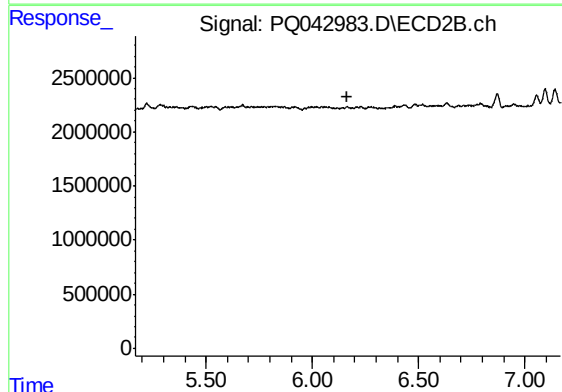
R.T.: 0.000 min
Exp R.T. : 6.146 min
Response: 0
Conc: N.D.



#17 AR-1242-2

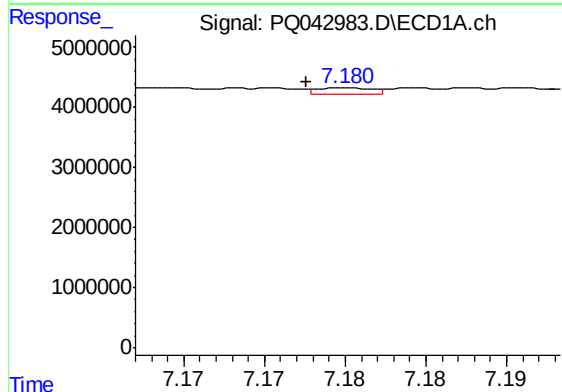
R.T.: 7.108 min
Delta R.T.: 0.002 min
Response: 2750396
Conc: 18.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQC4



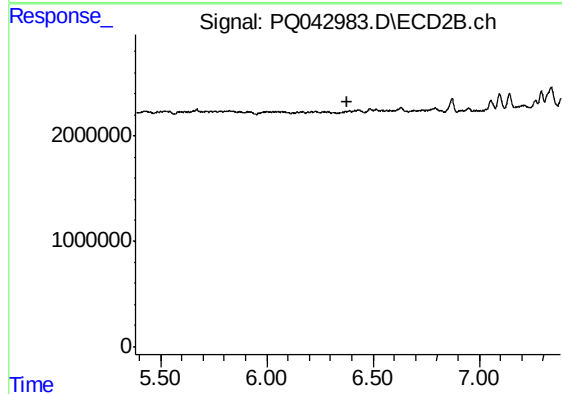
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.



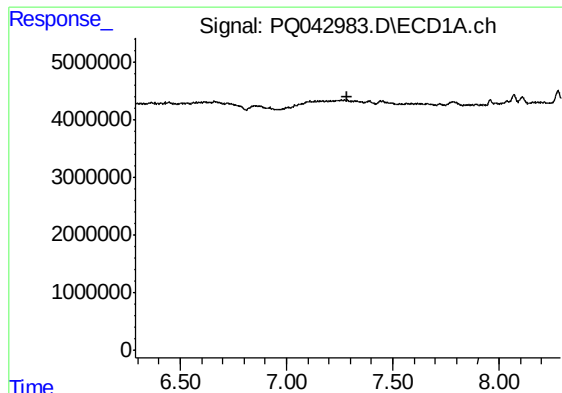
#18 AR-1242-3

R.T.: 7.180 min
Delta R.T.: 0.003 min
Response: 255923
Conc: 2.68 ng/ml



#18 AR-1242-3

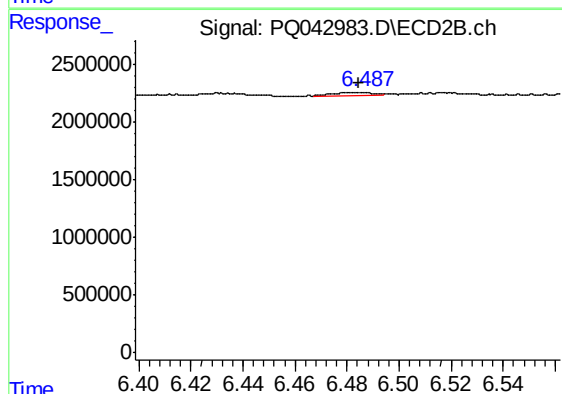
R.T.: 0.000 min
Exp R.T. : 6.381 min
Response: 0
Conc: N.D.



#19 AR-1242-4

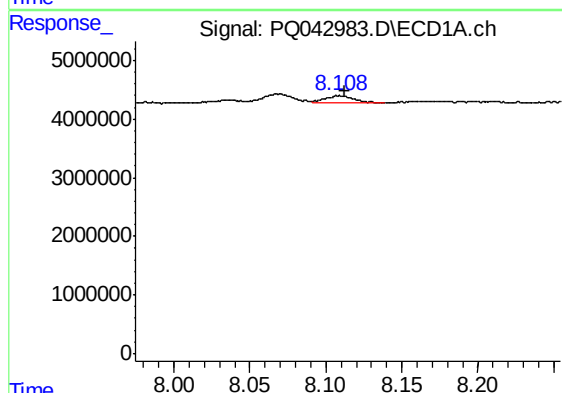
R.T.: 0.000 min
Exp R.T.: 7.289 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQC4



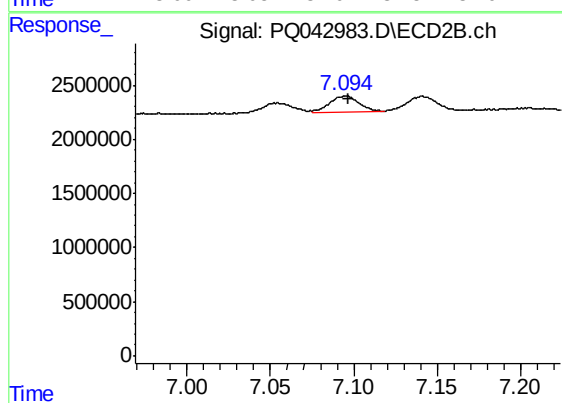
#19 AR-1242-4

R.T.: 6.488 min
Delta R.T.: 0.003 min
Response: 331161
Conc: 3.97 ng/ml



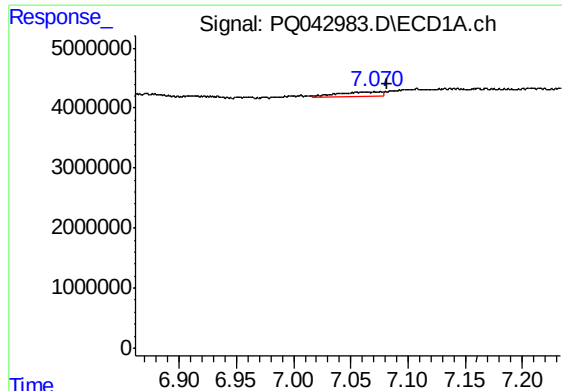
#20 AR-1242-5

R.T.: 8.109 min
Delta R.T.: -0.003 min
Response: 1679985
Conc: 17.54 ng/ml



#20 AR-1242-5

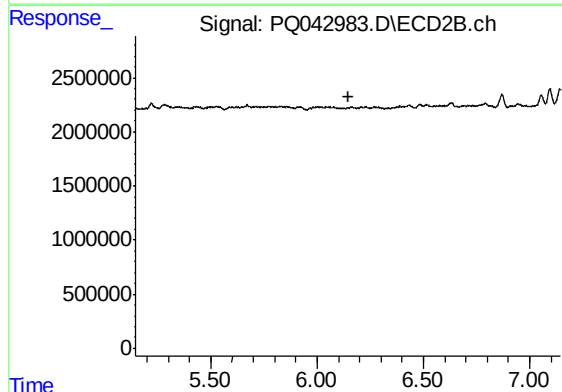
R.T.: 7.094 min
Delta R.T.: -0.003 min
Response: 1842266
Conc: 16.17 ng/ml



#21 AR-1248-1

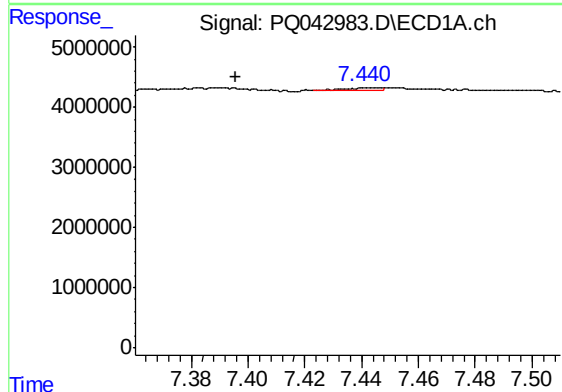
R.T.: 7.071 min
Delta R.T.: -0.011 min
Response: 2032752
Conc: 25.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQC4



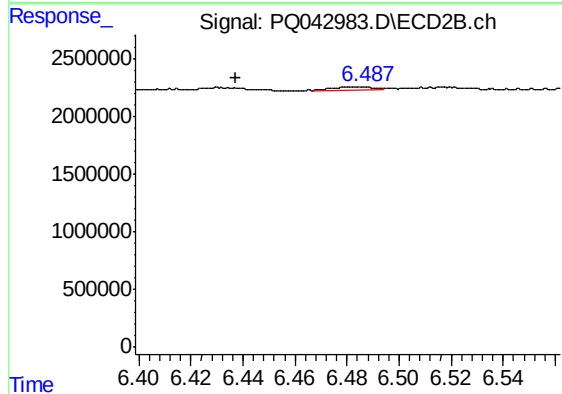
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 6.145 min
Response: 0
Conc: N.D.



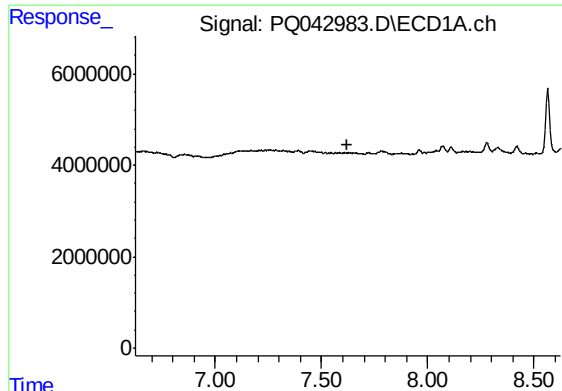
#22 AR-1248-2

R.T.: 7.441 min
Delta R.T.: 0.045 min
Response: 339214
Conc: 3.00 ng/ml



#22 AR-1248-2

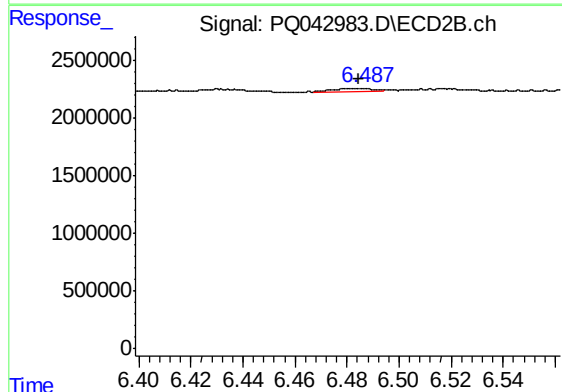
R.T.: 6.488 min
Delta R.T.: 0.050 min
Response: 331161
Conc: 2.80 ng/ml



#23 AR-1248-3

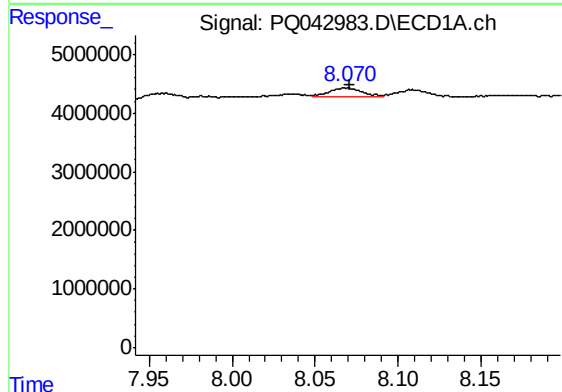
R.T.: 0.000 min
Exp R.T.: 7.624 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQC4



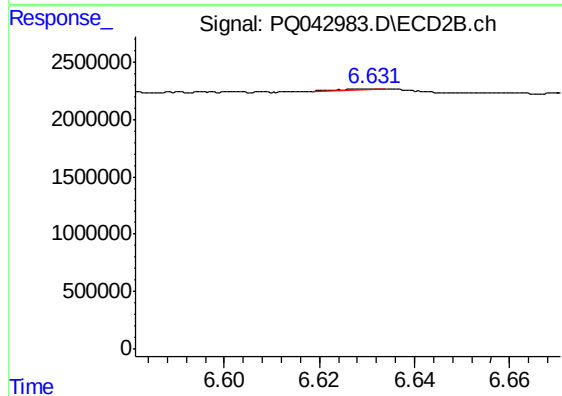
#23 AR-1248-3

R.T.: 6.488 min
Delta R.T.: 0.003 min
Response: 331161
Conc: 2.74 ng/ml



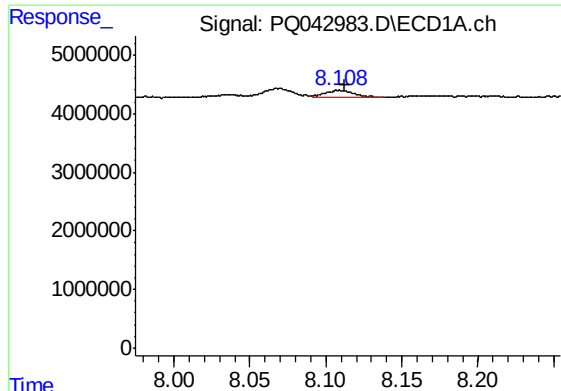
#24 AR-1248-4

R.T.: 8.069 min
Delta R.T.: -0.002 min
Response: 2225088
Conc: 13.73 ng/ml



#24 AR-1248-4

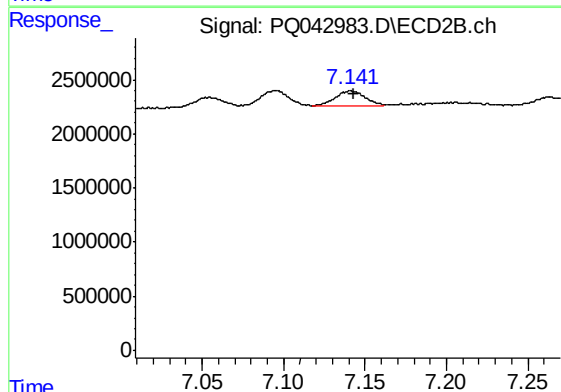
R.T.: 6.629 min
Delta R.T.: -0.059 min
Response: 63769
Conc: 0.44 ng/ml



#25 AR-1248-5

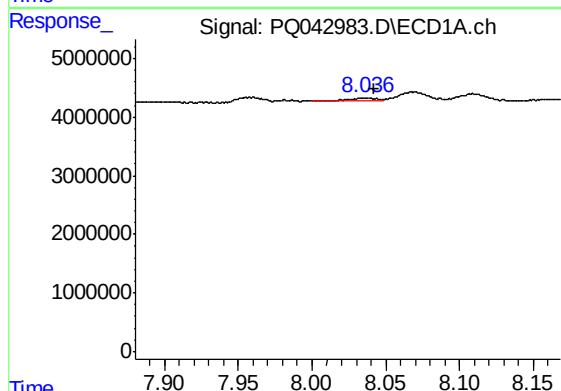
R.T.: 8.109 min
Delta R.T.: -0.003 min
Response: 1679985
Conc: 10.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQC4



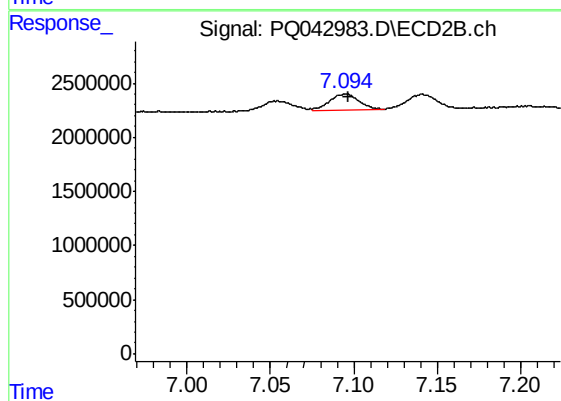
#25 AR-1248-5

R.T.: 7.141 min
Delta R.T.: -0.002 min
Response: 1801393
Conc: 11.57 ng/ml



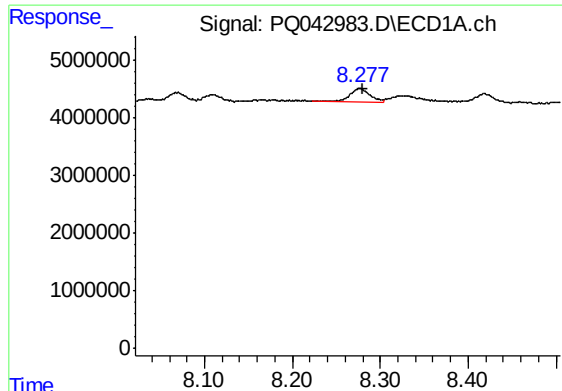
#26 AR-1254-1

R.T.: 8.037 min
Delta R.T.: -0.005 min
Response: 704254
Conc: 4.21 ng/ml



#26 AR-1254-1

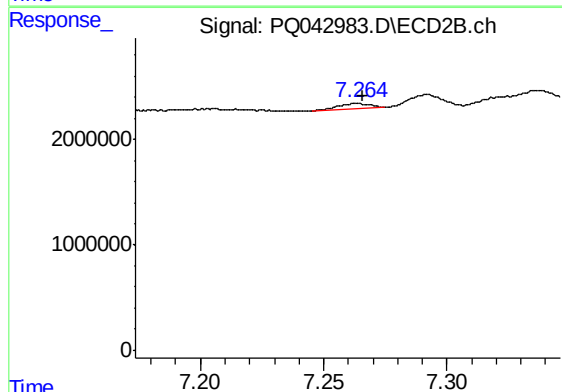
R.T.: 7.094 min
Delta R.T.: -0.003 min
Response: 1842266
Conc: 7.51 ng/ml



#27 AR-1254-2

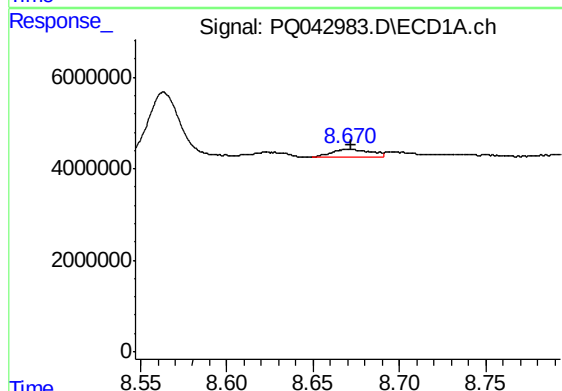
R.T.: 8.277 min
Delta R.T.: -0.002 min
Response: 3741573
Conc: 13.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQC4



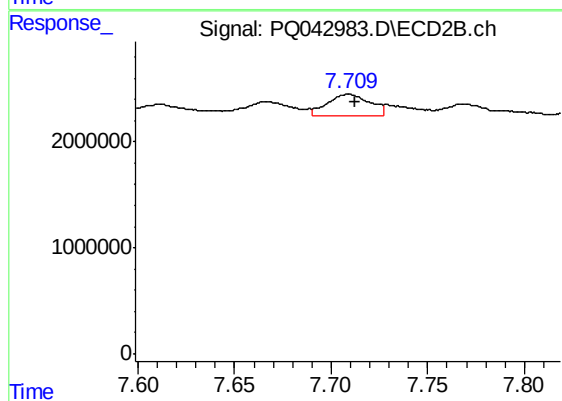
#27 AR-1254-2

R.T.: 7.264 min
Delta R.T.: -0.002 min
Response: 462636
Conc: 2.07 ng/ml



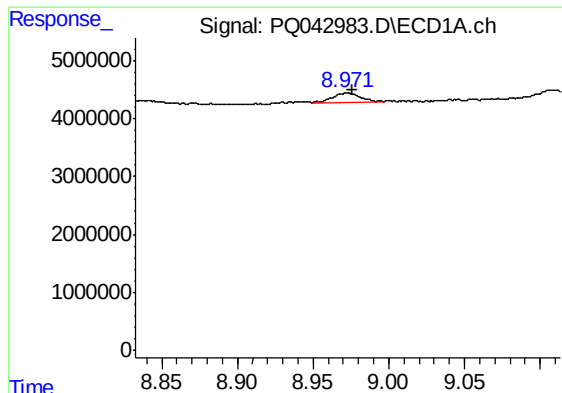
#28 AR-1254-3

R.T.: 8.670 min
Delta R.T.: -0.002 min
Response: 2872051
Conc: 9.54 ng/ml



#28 AR-1254-3

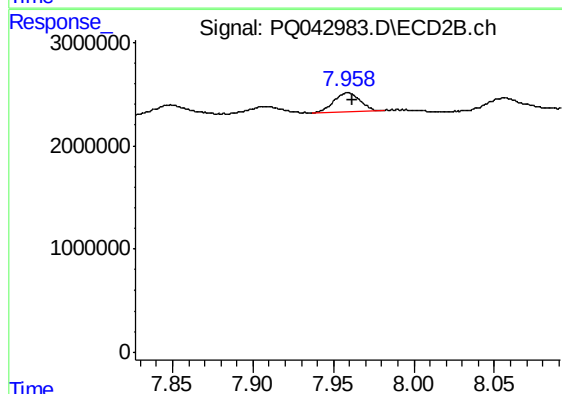
R.T.: 7.709 min
Delta R.T.: -0.003 min
Response: 3088231
Conc: 8.22 ng/ml



#29 AR-1254-4

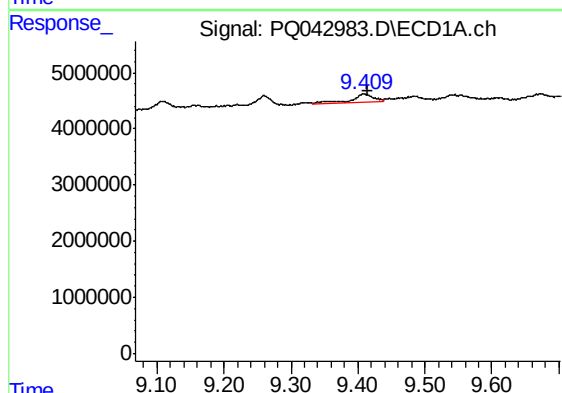
R.T.: 8.973 min
Delta R.T.: -0.003 min
Response: 2095954
Conc: 9.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQC4



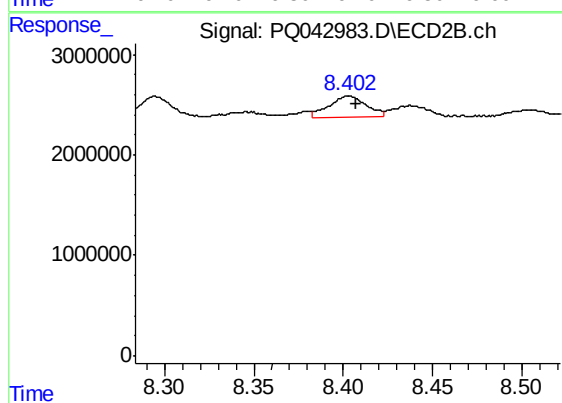
#29 AR-1254-4

R.T.: 7.958 min
Delta R.T.: -0.004 min
Response: 2147063
Conc: 8.88 ng/ml



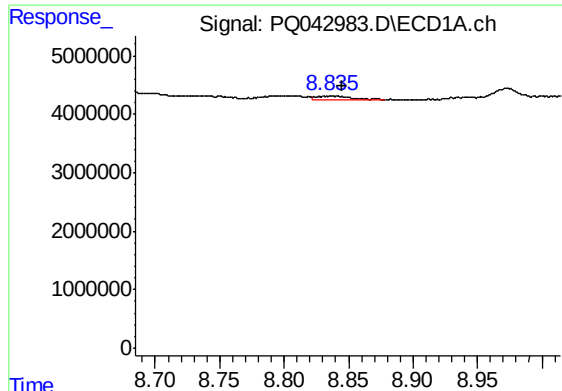
#30 AR-1254-5

R.T.: 9.408 min
Delta R.T.: -0.007 min
Response: 4157549
Conc: 15.35 ng/ml



#30 AR-1254-5

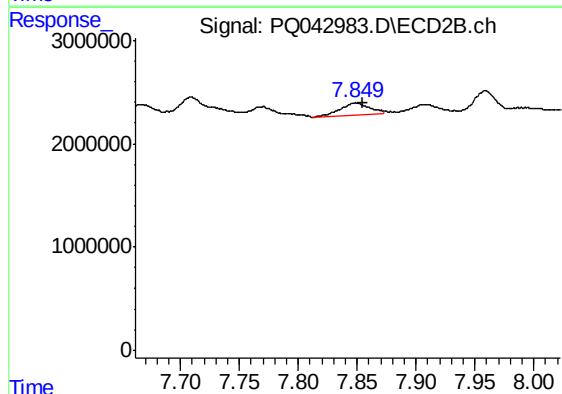
R.T.: 8.403 min
Delta R.T.: -0.005 min
Response: 3112700
Conc: 8.43 ng/ml



#31 AR-1260-1

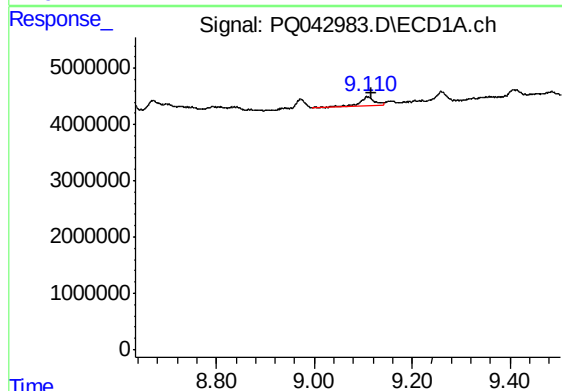
R.T.: 8.837 min
Delta R.T.: -0.009 min
Response: 1177012
Conc: 6.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQC4



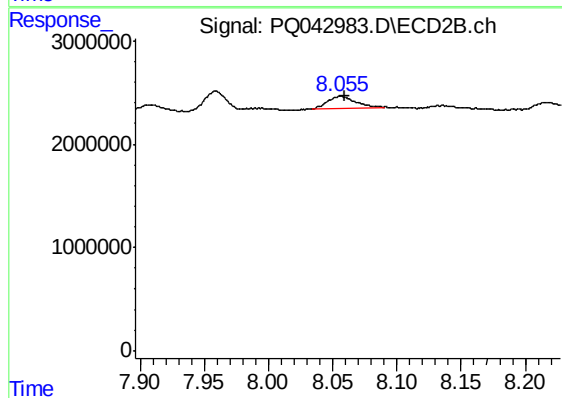
#31 AR-1260-1

R.T.: 7.849 min
Delta R.T.: -0.006 min
Response: 1967558
Conc: 10.15 ng/ml



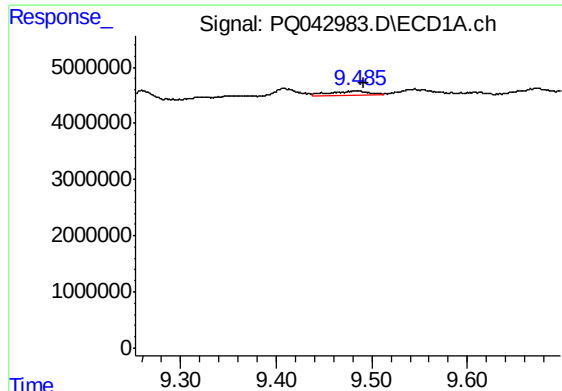
#32 AR-1260-2

R.T.: 9.107 min
Delta R.T.: -0.011 min
Response: 3249963
Conc: 13.82 ng/ml



#32 AR-1260-2

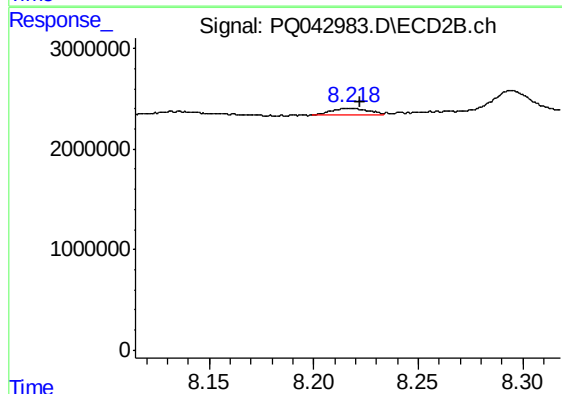
R.T.: 8.058 min
Delta R.T.: -0.002 min
Response: 1790001
Conc: 7.03 ng/ml



#33 AR-1260-3

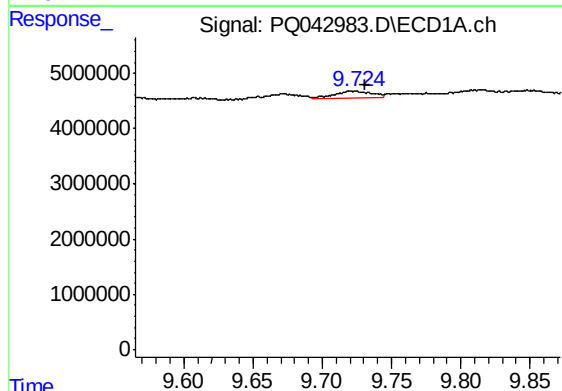
R.T.: 9.485 min
Delta R.T.: -0.007 min
Response: 2458401
Conc: 11.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQC4



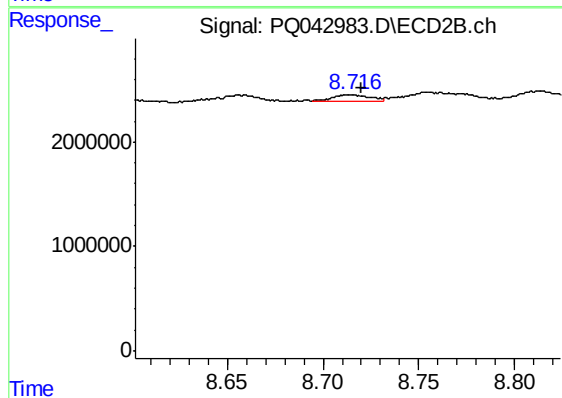
#33 AR-1260-3

R.T.: 8.218 min
Delta R.T.: -0.004 min
Response: 777177
Conc: 3.41 ng/ml



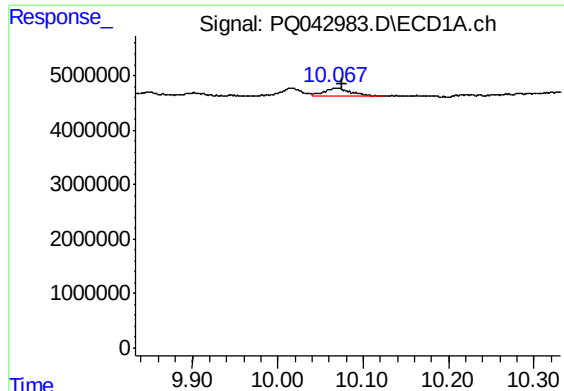
#34 AR-1260-4

R.T.: 9.724 min
Delta R.T.: -0.008 min
Response: 2597843
Conc: 11.02 ng/ml



#34 AR-1260-4

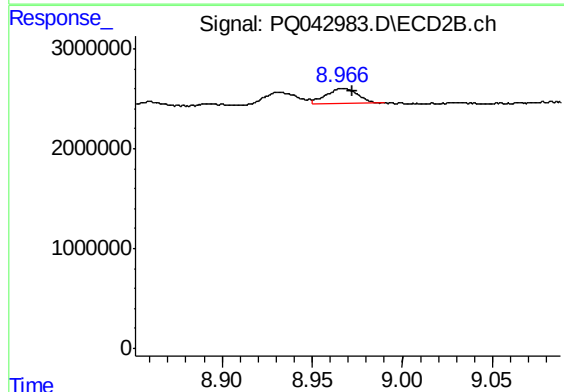
R.T.: 8.716 min
Delta R.T.: -0.004 min
Response: 846976
Conc: 3.93 ng/ml



#35 AR-1260-5

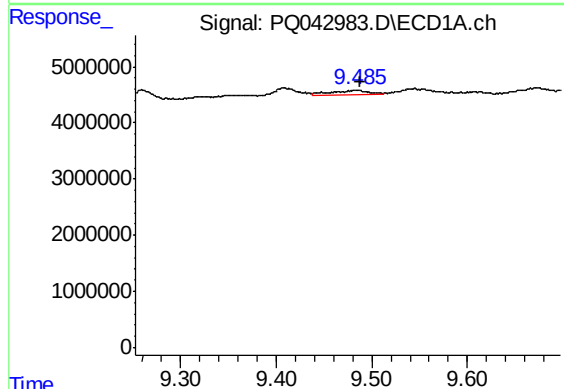
R.T.: 10.068 min
Delta R.T.: -0.008 min
Response: 3150894
Conc: 5.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQC4



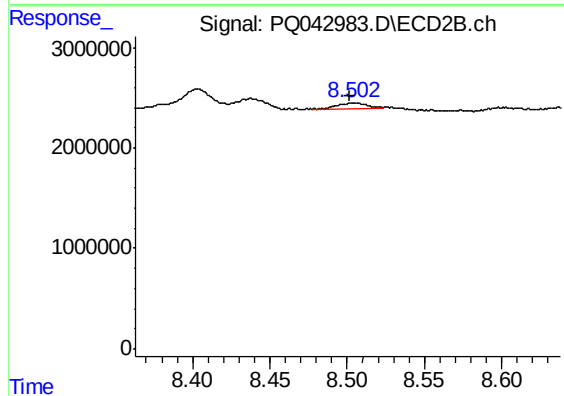
#35 AR-1260-5

R.T.: 8.966 min
Delta R.T.: -0.006 min
Response: 1900967
Conc: 3.26 ng/ml



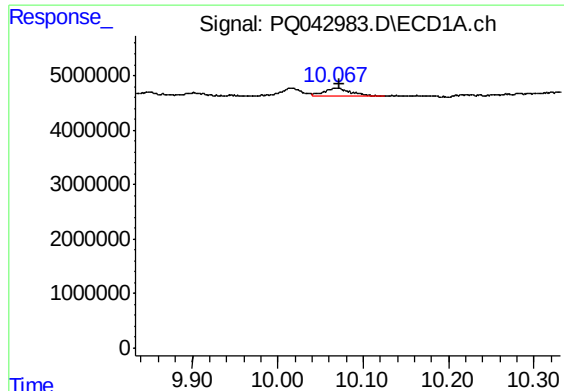
#36 AR-1262-1

R.T.: 9.485 min
Delta R.T.: -0.003 min
Response: 2458401
Conc: 6.12 ng/ml



#36 AR-1262-1

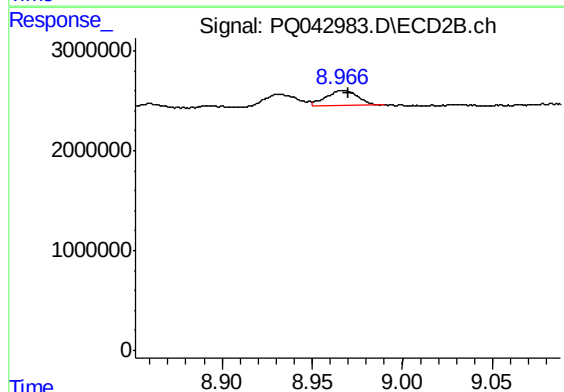
R.T.: 8.503 min
Delta R.T.: 0.001 min
Response: 655046
Conc: 3.54 ng/ml



#37 AR-1262-2

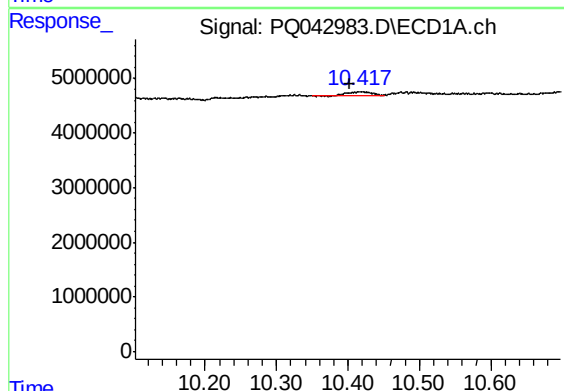
R.T.: 10.068 min
Delta R.T.: -0.004 min
Response: 3150894
Conc: 3.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQC4



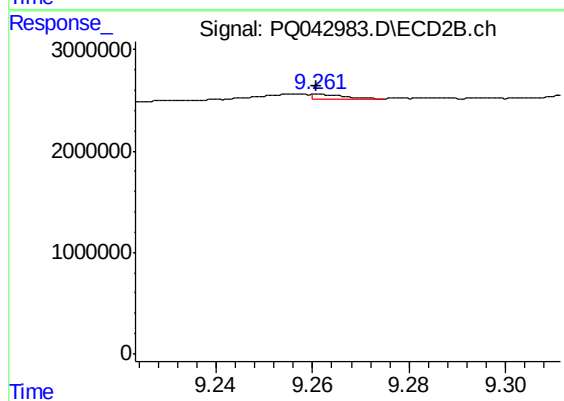
#37 AR-1262-2

R.T.: 8.966 min
Delta R.T.: -0.004 min
Response: 1900967
Conc: 2.20 ng/ml



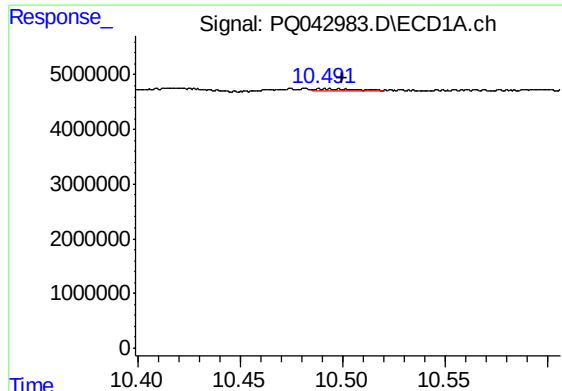
#38 AR-1262-3

R.T.: 10.417 min
Delta R.T.: 0.014 min
Response: 1703883
Conc: 2.88 ng/ml



#38 AR-1262-3

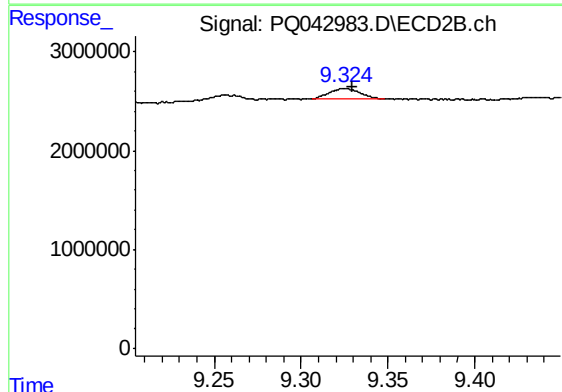
R.T.: 9.262 min
Delta R.T.: 0.000 min
Response: 229139
Conc: 0.61 ng/ml



#39 AR-1262-4

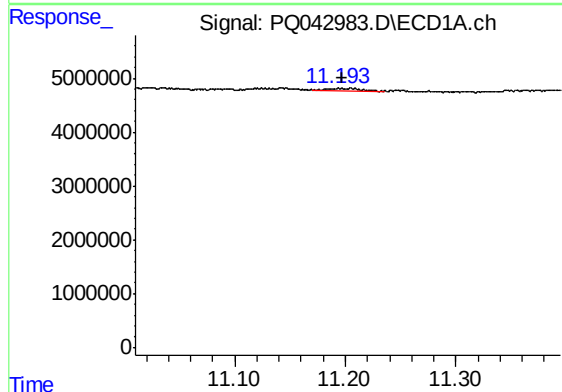
R.T.: 10.493 min
Delta R.T.: -0.006 min
Response: 516793
Conc: 1.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQC4



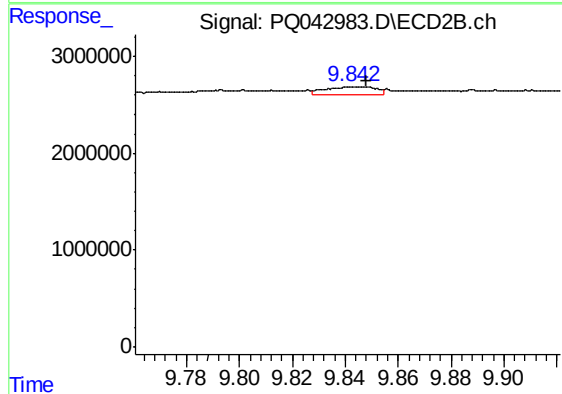
#39 AR-1262-4

R.T.: 9.324 min
Delta R.T.: -0.005 min
Response: 1344584
Conc: 1.96 ng/ml



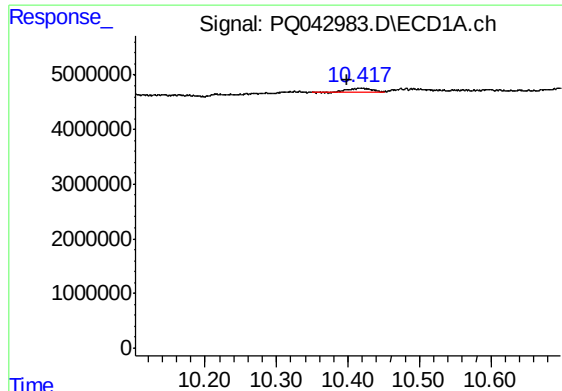
#40 AR-1262-5

R.T.: 11.194 min
Delta R.T.: -0.003 min
Response: 1054360
Conc: 2.83 ng/ml



#40 AR-1262-5

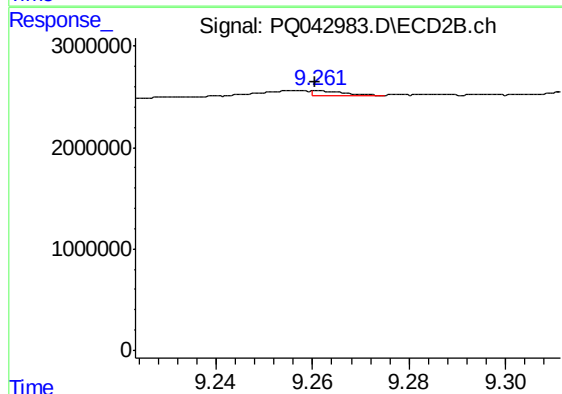
R.T.: 9.843 min
Delta R.T.: -0.005 min
Response: 1060446
Conc: 3.23 ng/ml



#41 AR-1268-1

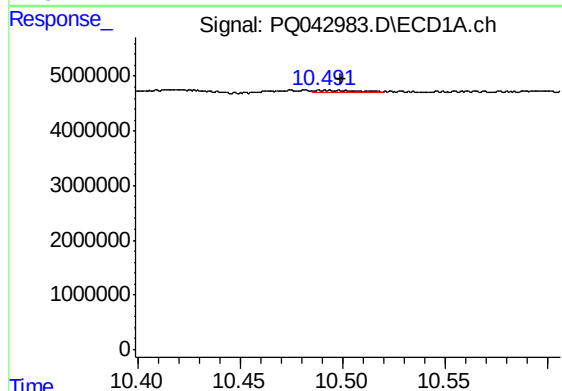
R.T.: 10.417 min
Delta R.T.: 0.017 min
Response: 1703883
Conc: 1.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQC4



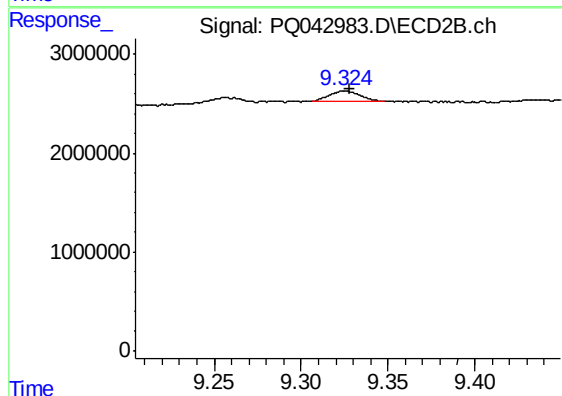
#41 AR-1268-1

R.T.: 9.262 min
Delta R.T.: 0.000 min
Response: 229139
Conc: 0.21 ng/ml



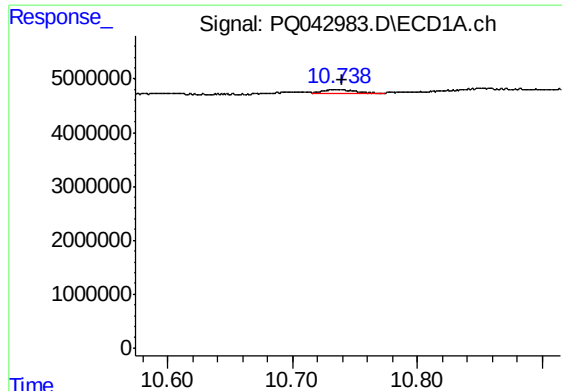
#42 AR-1268-2

R.T.: 10.493 min
Delta R.T.: -0.006 min
Response: 516793
Conc: 0.49 ng/ml



#42 AR-1268-2

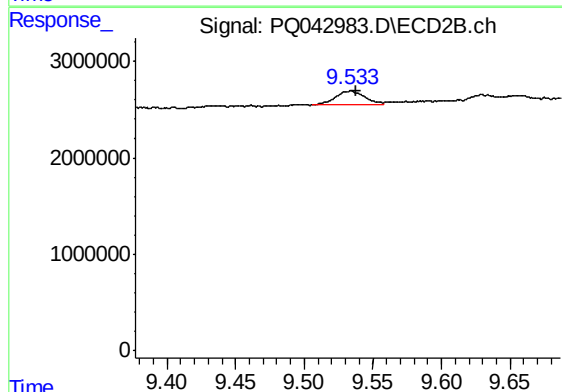
R.T.: 9.324 min
Delta R.T.: -0.004 min
Response: 1344584
Conc: 1.31 ng/ml



#43 AR-1268-3

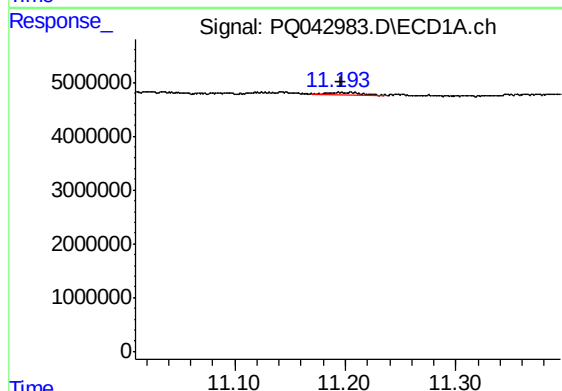
R.T.: 10.739 min
Delta R.T.: 0.000 min
Response: 1247352
Conc: 1.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQC4



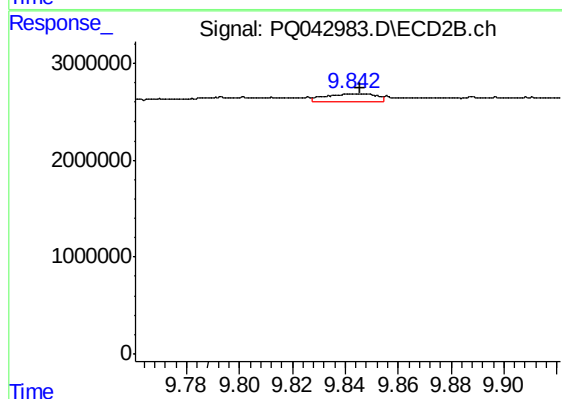
#43 AR-1268-3

R.T.: 9.534 min
Delta R.T.: -0.004 min
Response: 2042367
Conc: 2.32 ng/ml



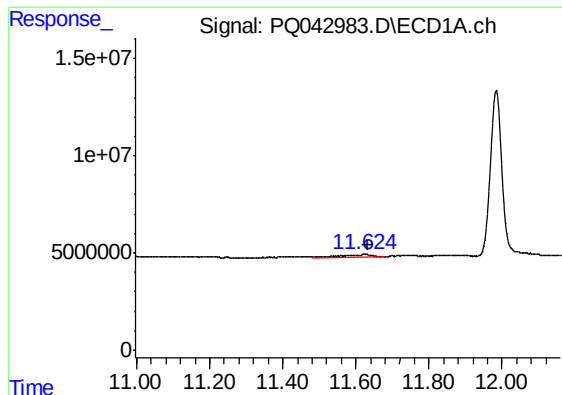
#44 AR-1268-4

R.T.: 11.194 min
Delta R.T.: -0.002 min
Response: 1054360
Conc: 2.63 ng/ml



#44 AR-1268-4

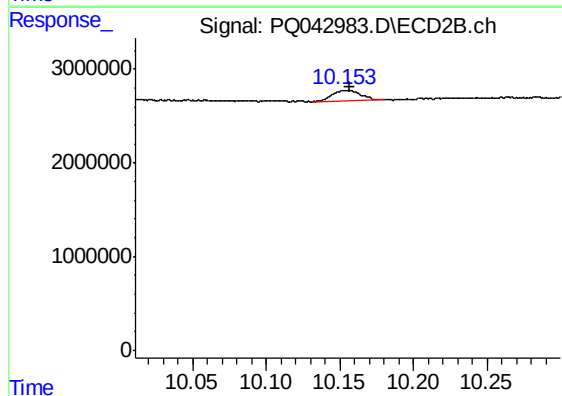
R.T.: 9.843 min
Delta R.T.: -0.003 min
Response: 1060446
Conc: 2.98 ng/ml



#45 AR-1268-5

R.T.: 11.626 min
Delta R.T.: -0.006 min
Response: 7183673
Conc: 2.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQC4



#45 AR-1268-5

R.T.: 10.153 min
Delta R.T.: -0.003 min
Response: 1477383
Conc: 0.53 ng/ml