

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082119\
 Data File : PQ042648.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2019 10:54
 Operator : SM\AJ
 Sample : K4416-10
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 11:26:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 21 06:41:55 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...	5.627	4.690	79380984	70677946	26.742	28.202
2)	SA Decachlor...	11.981	10.423	278.0E6	235.4E6	36.827	38.557
Target Compounds							
3)	L1 AR-1016-1	7.085	6.165	343935	763069	2.826	6.627 #
4)	L1 AR-1016-2	7.085	6.165	343935	763069	1.869	4.753 #
5)	L1 AR-1016-3	7.200	6.365	623842	3775305	5.017	44.031 #
6)	L1 AR-1016-4	7.249	6.434	27262715	1103274	308.528	15.279 #
7)	L1 AR-1016-5	7.592	6.689	39002992	8958033	461.193	100.016 #
9)	L2 AR-1221-2	6.021	5.108	481237	1000271	19.753	41.565 #
11)	L3 AR-1232-1	0.000	5.288	0	7042594	N.D.	104.541 #
12)	L3 AR-1232-2	6.721	6.165	1590797	763069	43.219	9.989 #
13)	L3 AR-1232-3	7.085	6.365	343935	3775305	4.114	93.044 #
14)	L3 AR-1232-4	7.249	6.476	27262715	549494	668.645	13.812 #
15)	L3 AR-1232-5	7.387	6.689	1681370	8958033	68.742	225.898 #
16)	L4 AR-1242-1	7.085	6.165	343935	763069	3.296	7.387 #
17)	L4 AR-1242-2	7.085	6.165	343935	763069	2.258	5.385 #
18)	L4 AR-1242-3	7.138	6.365	2020228	3775305	19.823	49.883 #
19)	L4 AR-1242-4	7.249	6.476	27262715	549494	354.471	7.176 #
20)	L4 AR-1242-5	8.133	7.083	11069999	46917686	117.323	418.549 #
21)	L5 AR-1248-1	7.085	6.165	343935	763069	4.125	9.283 #
22)	L5 AR-1248-2	7.387	6.434	1681370	1103274	16.463	10.015 #
23)	L5 AR-1248-3	7.592	6.476	39002992	549494	307.355	4.876 #
24)	L5 AR-1248-4	8.067	6.689	135.1E6	8958033	815.012	65.571 #
25)	L5 AR-1248-5	8.133	7.141	11069999	8808282	69.531	55.952
26)	L6 AR-1254-1	8.012	7.083	7857052	46917686	53.548	207.927 #
27)	L6 AR-1254-2	8.281	7.253	32890574	5660886	137.116	27.996 #
28)	L6 AR-1254-3	8.674	7.727	13302183	6579927	46.659	18.685 #
29)	L6 AR-1254-4	8.967	7.973	3798401	5033514	15.931	19.615
30)	L6 AR-1254-5	9.417	8.399	5163014	4472016	19.996	12.307 #
31)	L7 AR-1260-1	8.835	7.857	1419827	3599109	8.054	17.640 #
32)	L7 AR-1260-2	9.104	8.048	37539279	3427742	156.180	12.796 #
33)	L7 AR-1260-3	9.465	8.217	3782436	4635703	17.495	19.448
34)	L7 AR-1260-4	9.724	8.721	153315	1733897	0.631	7.648 #
35)	L7 AR-1260-5	10.043	8.965	564259	1156729	0.950	1.857 #
36)	L8 AR-1262-1	9.546	8.515	324160	5803492	2.249	33.902 #
37)	L8 AR-1262-2	10.043	8.965	564259	1156729	0.750	1.385 #
38)	L8 AR-1262-3	0.000	9.269	0	3394032	N.D.	9.549 #
39)	L8 AR-1262-4	0.000	9.324	0	1086765	N.D.	1.685 #
40)	L8 AR-1262-5	0.000	9.841	0	1222972	N.D.	3.866 #
41)	L9 AR-1268-1	0.000	9.269	0	3394032	N.D.	3.381 #
42)	L9 AR-1268-2	0.000	9.324	0	1086765	N.D.	1.157 #
43)	L9 AR-1268-3	10.732	9.534	1241521	5853264	1.532	7.349 #

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 Acq On : 21 Aug 2019 10:54
 Operator : SM\AJ
 Sample : K4416-10
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

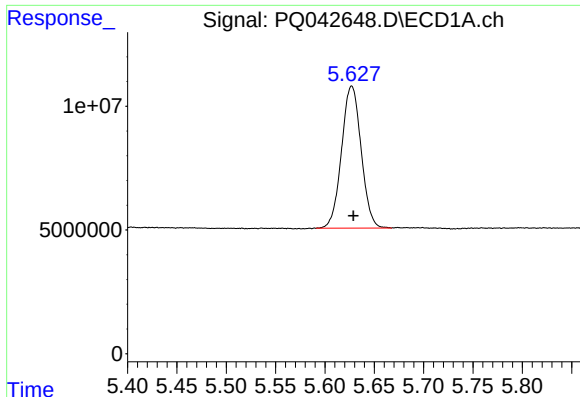
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 11:26:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
 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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	0.000	9.841	0	1222972	N.D.	3.573 #
45) L9	AR-1268-5	11.630	10.154	1085191	2150402	0.383	0.839 #

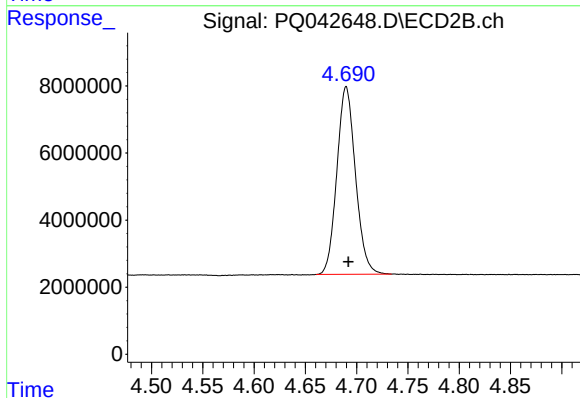
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

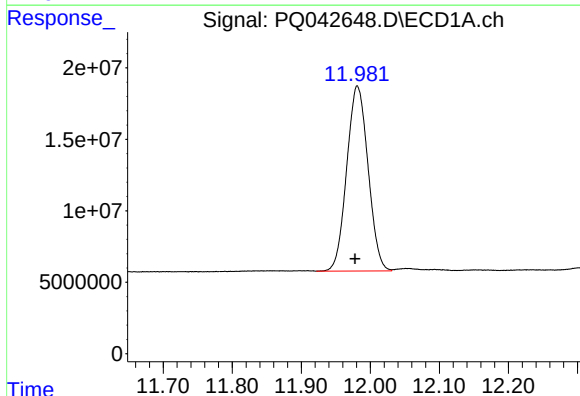
R.T.: 5.627 min
Delta R.T.: -0.002 min
Response: 79380984
Conc: 26.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



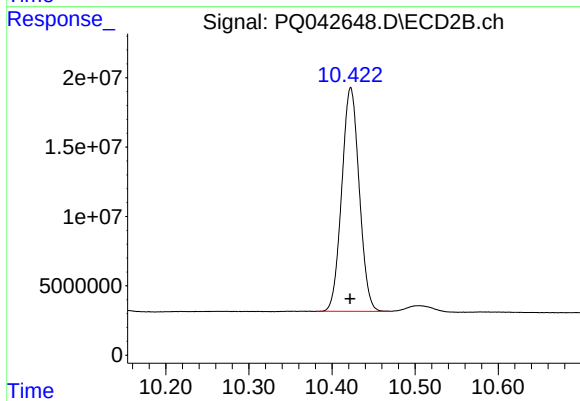
#1 Tetrachloro-m-xylene

R.T.: 4.690 min
Delta R.T.: -0.002 min
Response: 70677946
Conc: 28.20 ng/ml



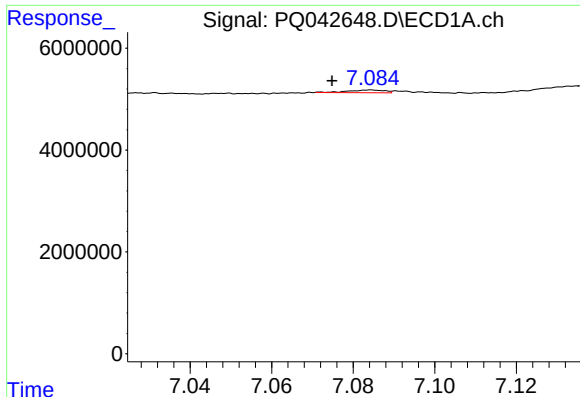
#2 Decachlorobiphenyl

R.T.: 11.981 min
Delta R.T.: 0.003 min
Response: 277992975
Conc: 36.83 ng/ml



#2 Decachlorobiphenyl

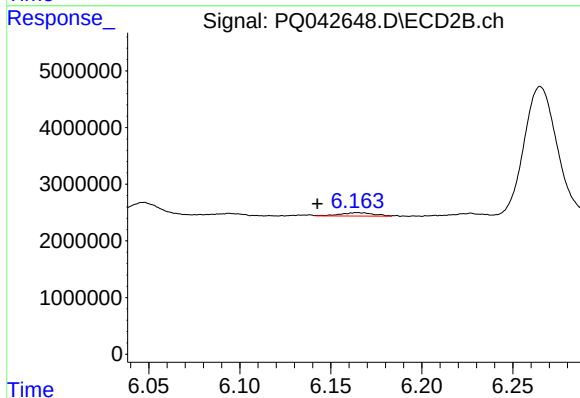
R.T.: 10.423 min
Delta R.T.: 0.000 min
Response: 235446461
Conc: 38.56 ng/ml



#3 AR-1016-1

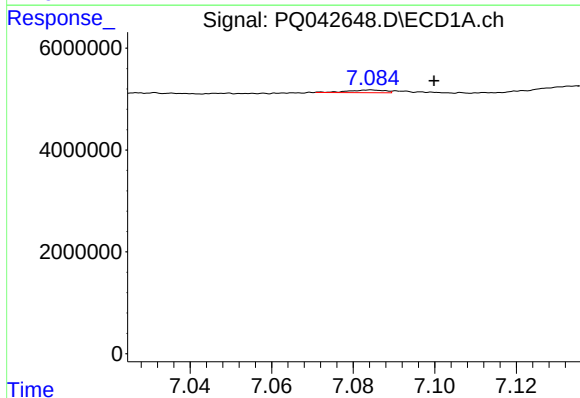
R.T.: 7.085 min
Delta R.T.: 0.010 min
Response: 343935
Conc: 2.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



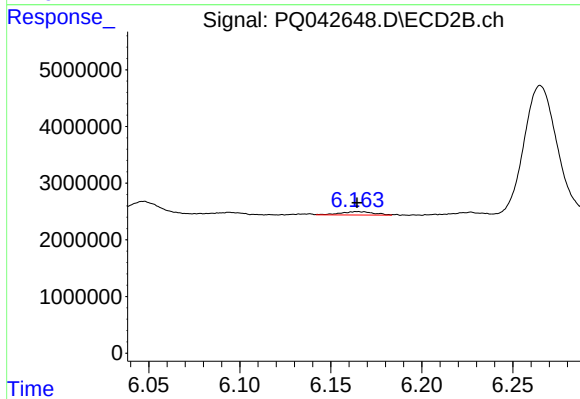
#3 AR-1016-1

R.T.: 6.165 min
Delta R.T.: 0.022 min
Response: 763069
Conc: 6.63 ng/ml



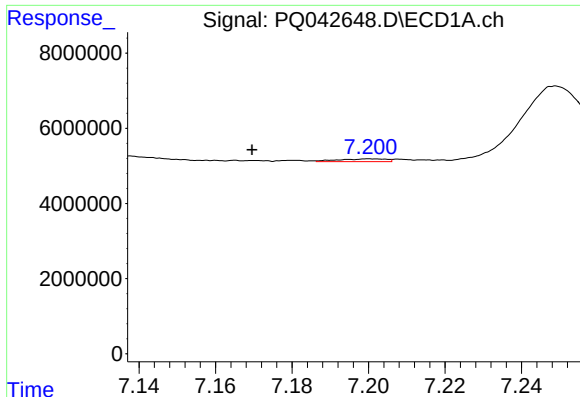
#4 AR-1016-2

R.T.: 7.085 min
Delta R.T.: -0.015 min
Response: 343935
Conc: 1.87 ng/ml



#4 AR-1016-2

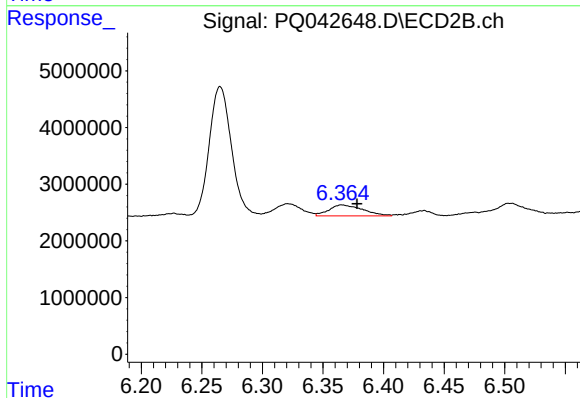
R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 763069
Conc: 4.75 ng/ml



#5 AR-1016-3

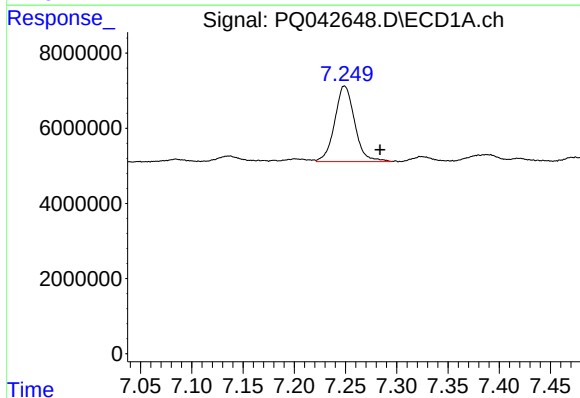
R.T.: 7.200 min
Delta R.T.: 0.031 min
Response: 623842
Conc: 5.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



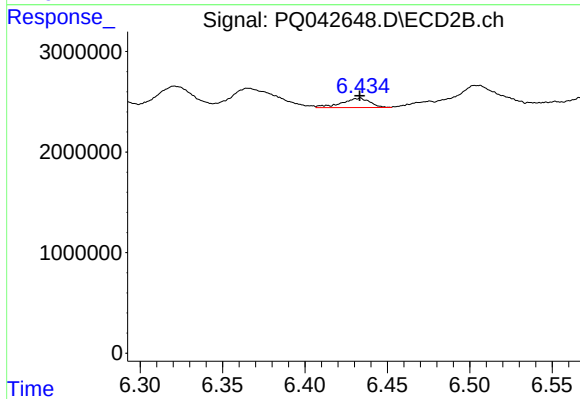
#5 AR-1016-3

R.T.: 6.365 min
Delta R.T.: -0.013 min
Response: 3775305
Conc: 44.03 ng/ml



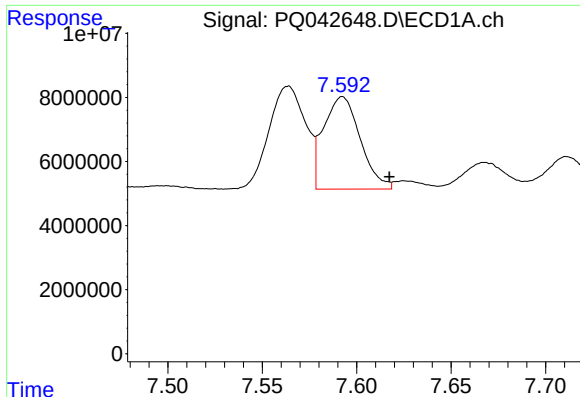
#6 AR-1016-4

R.T.: 7.249 min
Delta R.T.: -0.034 min
Response: 27262715
Conc: 308.53 ng/ml



#6 AR-1016-4

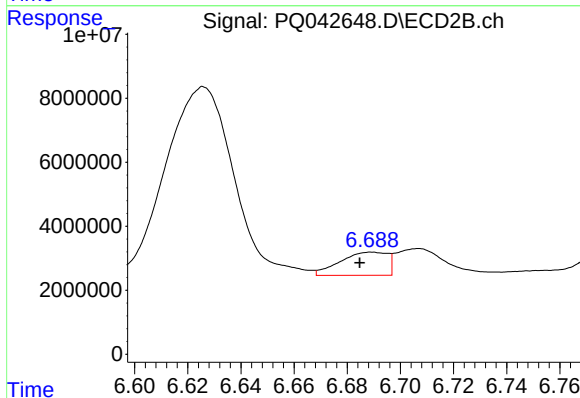
R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 1103274
Conc: 15.28 ng/ml



#7 AR-1016-5

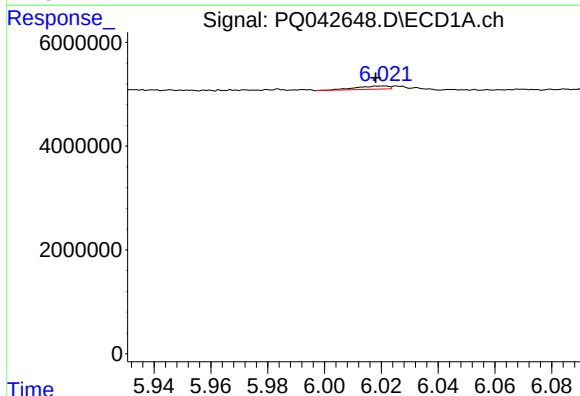
R.T.: 7.592 min
Delta R.T.: -0.025 min
Response: 39002992
Conc: 461.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



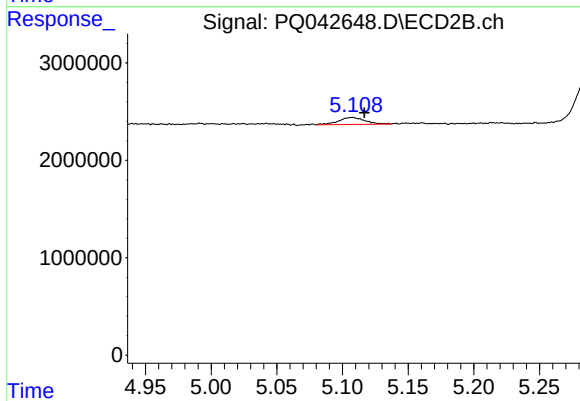
#7 AR-1016-5

R.T.: 6.689 min
Delta R.T.: 0.004 min
Response: 8958033
Conc: 100.02 ng/ml



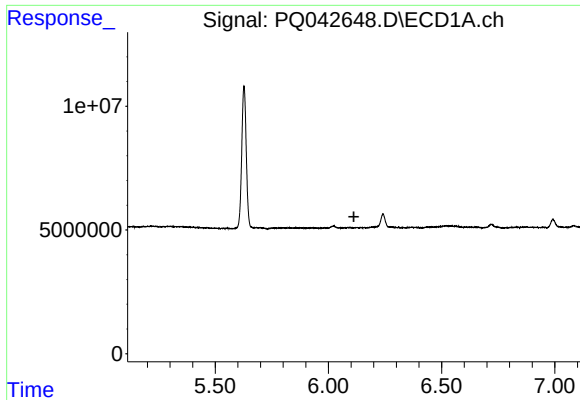
#9 AR-1221-2

R.T.: 6.021 min
Delta R.T.: 0.003 min
Response: 481237
Conc: 19.75 ng/ml



#9 AR-1221-2

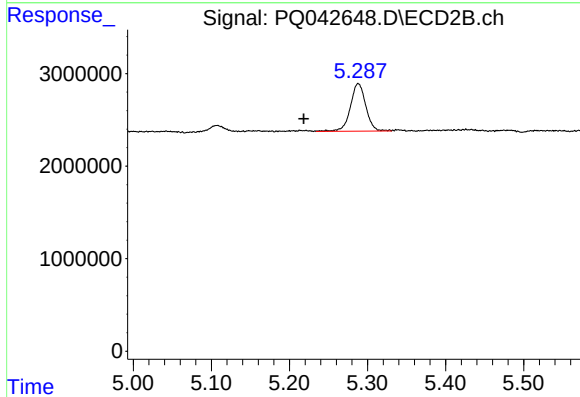
R.T.: 5.108 min
Delta R.T.: -0.009 min
Response: 1000271
Conc: 41.56 ng/ml



#11 AR-1232-1

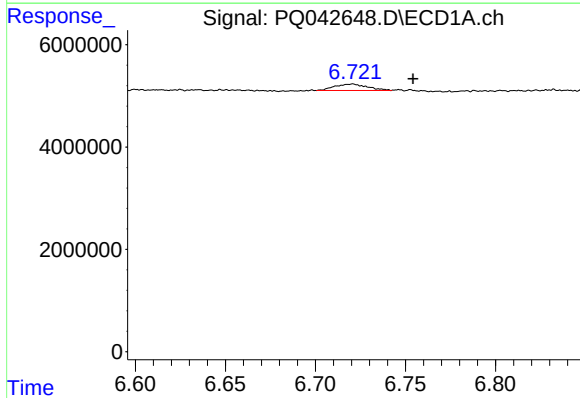
R.T.: 0.000 min
Exp R.T.: 6.112 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



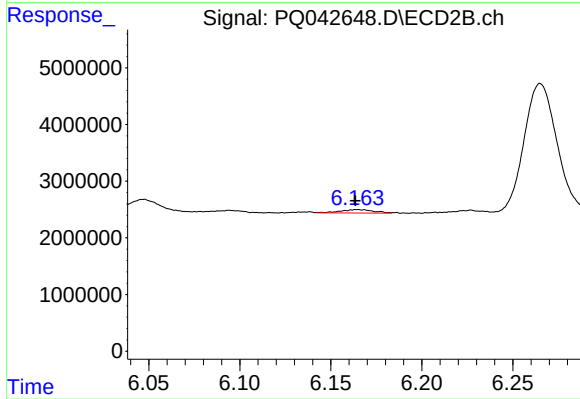
#11 AR-1232-1

R.T.: 5.288 min
Delta R.T.: 0.070 min
Response: 7042594
Conc: 104.54 ng/ml



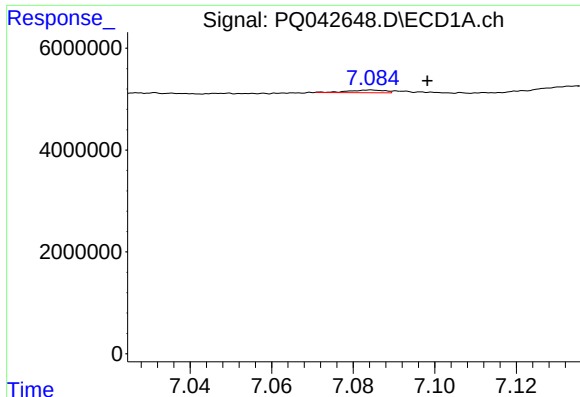
#12 AR-1232-2

R.T.: 6.721 min
Delta R.T.: -0.033 min
Response: 1590797
Conc: 43.22 ng/ml



#12 AR-1232-2

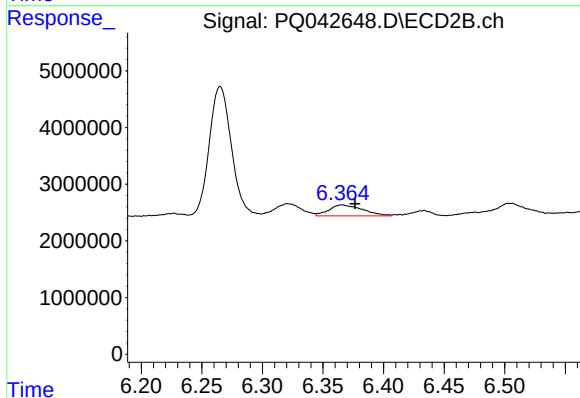
R.T.: 6.165 min
Delta R.T.: 0.001 min
Response: 763069
Conc: 9.99 ng/ml



#13 AR-1232-3

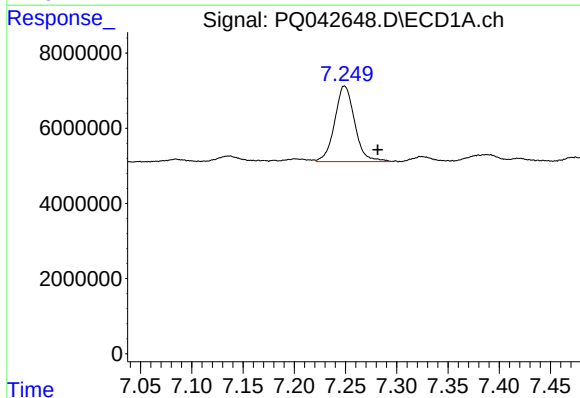
R.T.: 7.085 min
Delta R.T.: -0.014 min
Response: 343935
Conc: 4.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



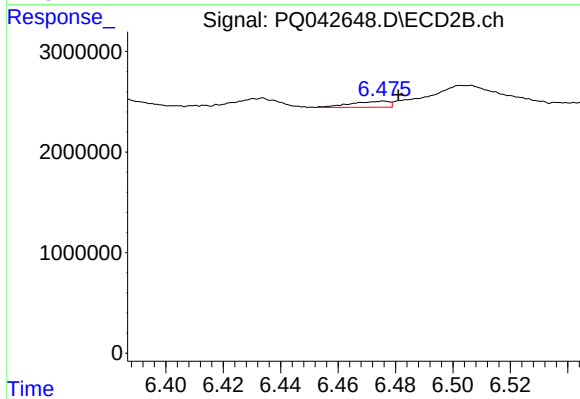
#13 AR-1232-3

R.T.: 6.365 min
Delta R.T.: -0.011 min
Response: 3775305
Conc: 93.04 ng/ml



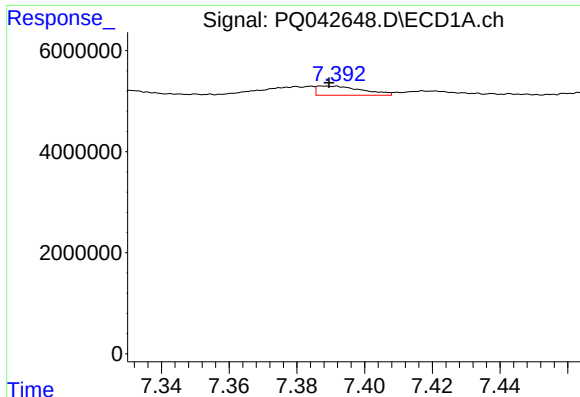
#14 AR-1232-4

R.T.: 7.249 min
Delta R.T.: -0.032 min
Response: 27262715
Conc: 668.65 ng/ml



#14 AR-1232-4

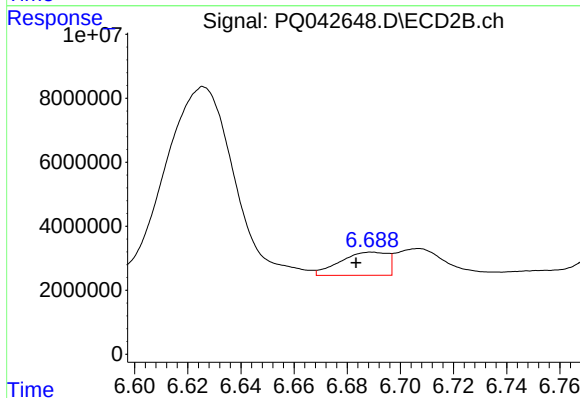
R.T.: 6.476 min
Delta R.T.: -0.005 min
Response: 549494
Conc: 13.81 ng/ml



#15 AR-1232-5

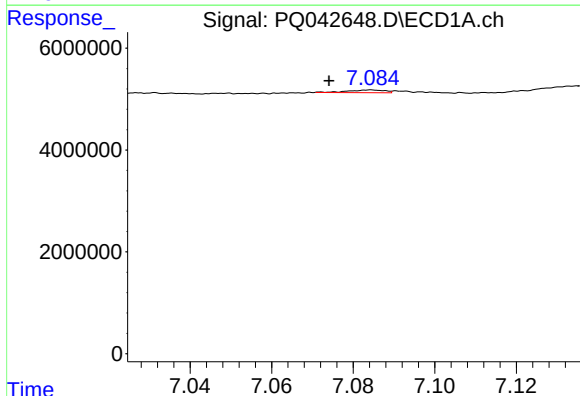
R.T.: 7.387 min
Delta R.T.: -0.002 min
Response: 1681370
Conc: 68.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



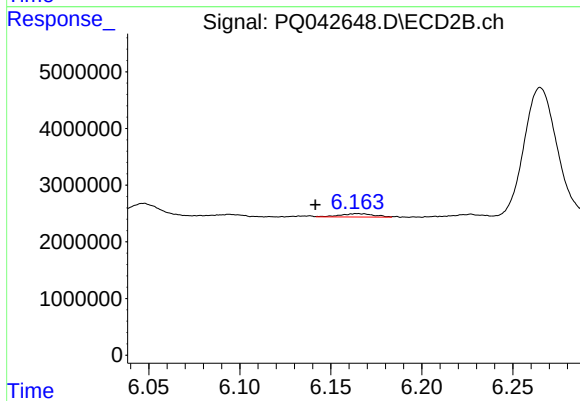
#15 AR-1232-5

R.T.: 6.689 min
Delta R.T.: 0.006 min
Response: 8958033
Conc: 225.90 ng/ml



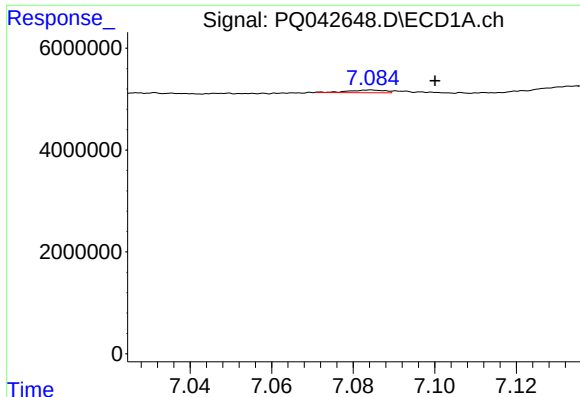
#16 AR-1242-1

R.T.: 7.085 min
Delta R.T.: 0.010 min
Response: 343935
Conc: 3.30 ng/ml



#16 AR-1242-1

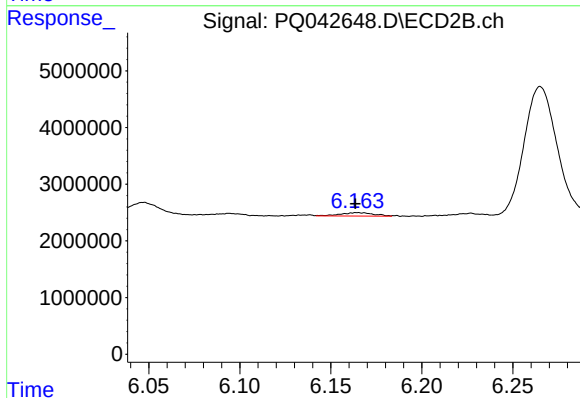
R.T.: 6.165 min
Delta R.T.: 0.023 min
Response: 763069
Conc: 7.39 ng/ml



#17 AR-1242-2

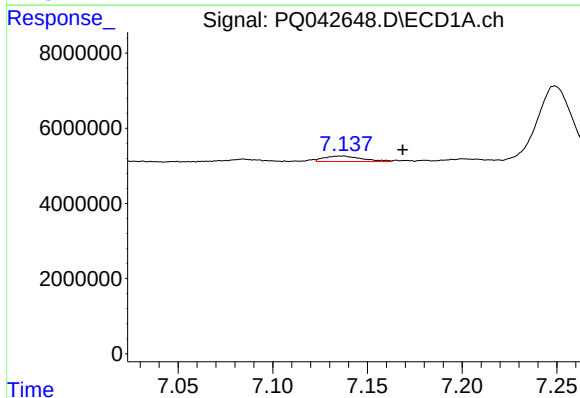
R.T.: 7.085 min
Delta R.T.: -0.016 min
Response: 343935
Conc: 2.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



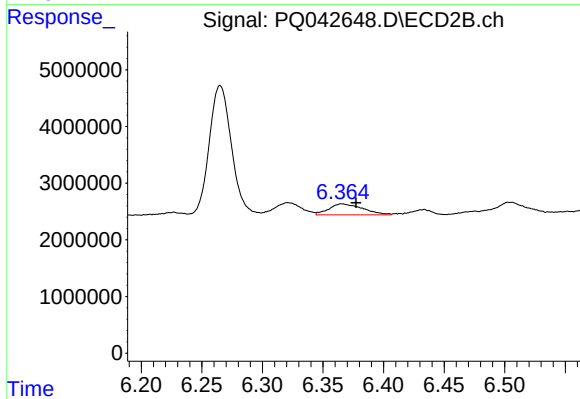
#17 AR-1242-2

R.T.: 6.165 min
Delta R.T.: 0.001 min
Response: 763069
Conc: 5.38 ng/ml



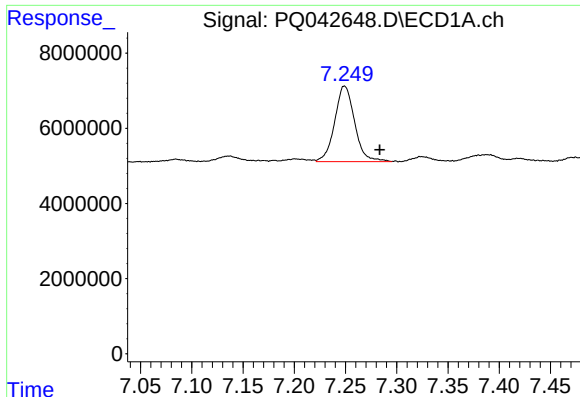
#18 AR-1242-3

R.T.: 7.138 min
Delta R.T.: -0.031 min
Response: 2020228
Conc: 19.82 ng/ml



#18 AR-1242-3

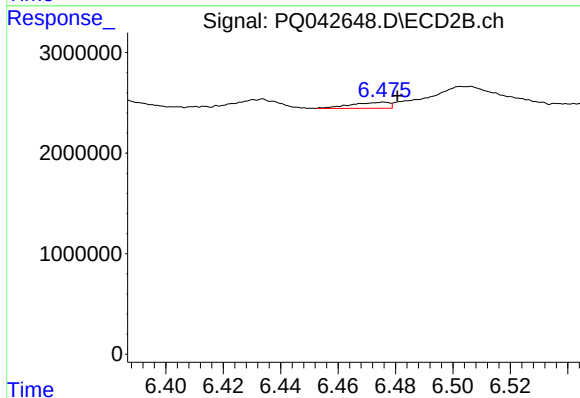
R.T.: 6.365 min
Delta R.T.: -0.012 min
Response: 3775305
Conc: 49.88 ng/ml



#19 AR-1242-4

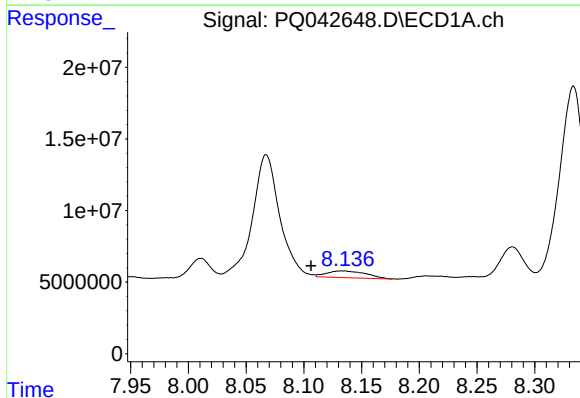
R.T.: 7.249 min
Delta R.T.: -0.034 min
Response: 27262715
Conc: 354.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



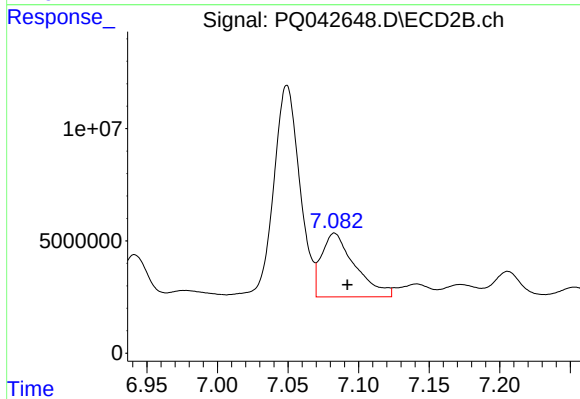
#19 AR-1242-4

R.T.: 6.476 min
Delta R.T.: -0.005 min
Response: 549494
Conc: 7.18 ng/ml



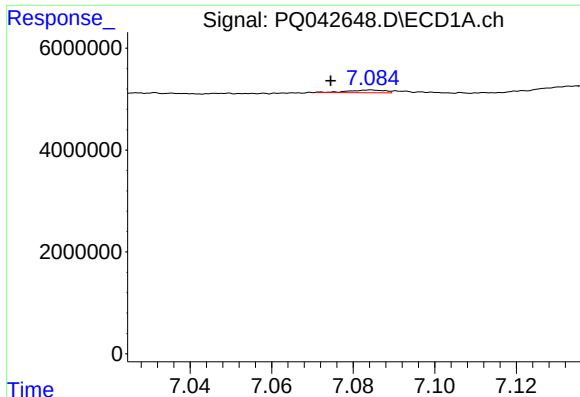
#20 AR-1242-5

R.T.: 8.133 min
Delta R.T.: 0.027 min
Response: 11069999
Conc: 117.32 ng/ml



#20 AR-1242-5

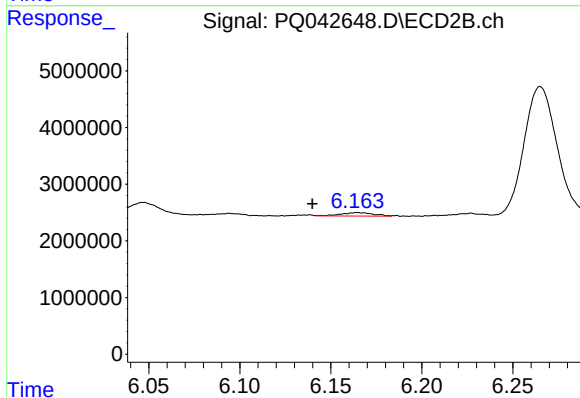
R.T.: 7.083 min
Delta R.T.: -0.009 min
Response: 46917686
Conc: 418.55 ng/ml



#21 AR-1248-1

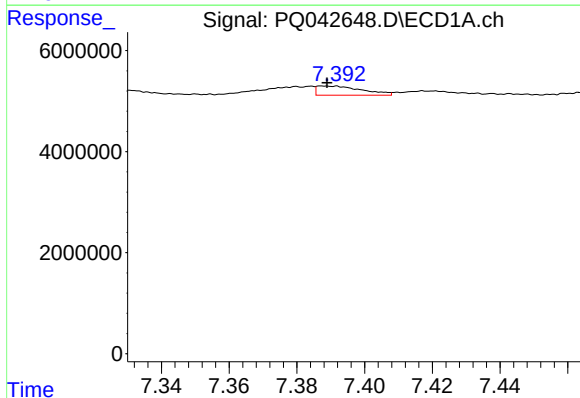
R.T.: 7.085 min
Delta R.T.: 0.010 min
Response: 343935
Conc: 4.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



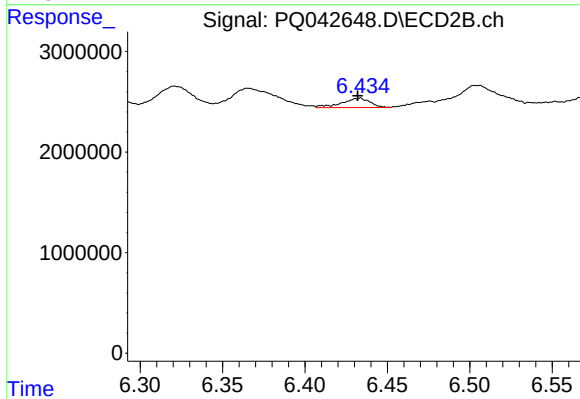
#21 AR-1248-1

R.T.: 6.165 min
Delta R.T.: 0.025 min
Response: 763069
Conc: 9.28 ng/ml



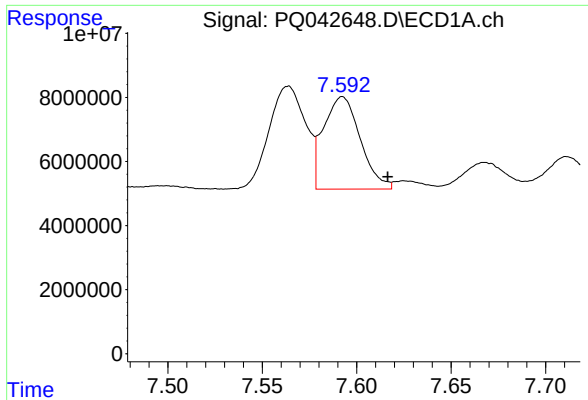
#22 AR-1248-2

R.T.: 7.387 min
Delta R.T.: -0.002 min
Response: 1681370
Conc: 16.46 ng/ml



#22 AR-1248-2

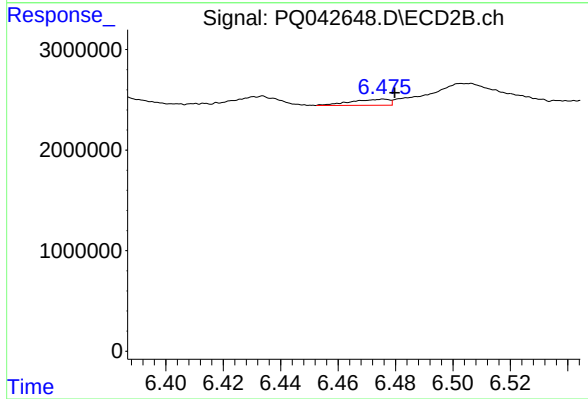
R.T.: 6.434 min
Delta R.T.: 0.002 min
Response: 1103274
Conc: 10.01 ng/ml



#23 AR-1248-3

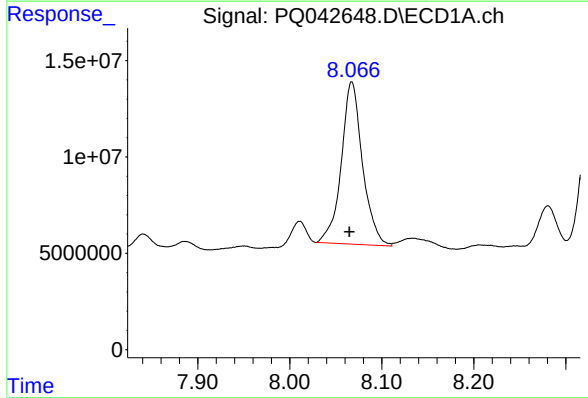
R.T.: 7.592 min
Delta R.T.: -0.024 min
Response: 39002992
Conc: 307.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



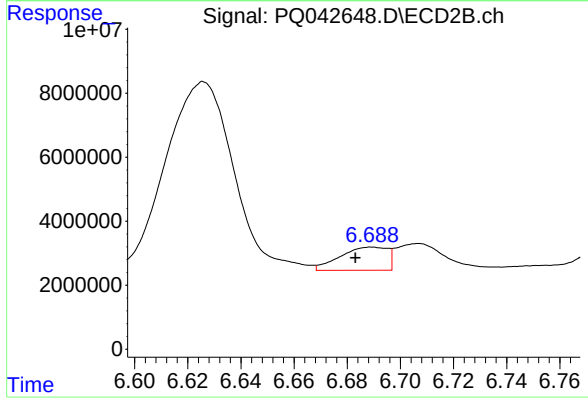
#23 AR-1248-3

R.T.: 6.476 min
Delta R.T.: -0.004 min
Response: 549494
Conc: 4.88 ng/ml



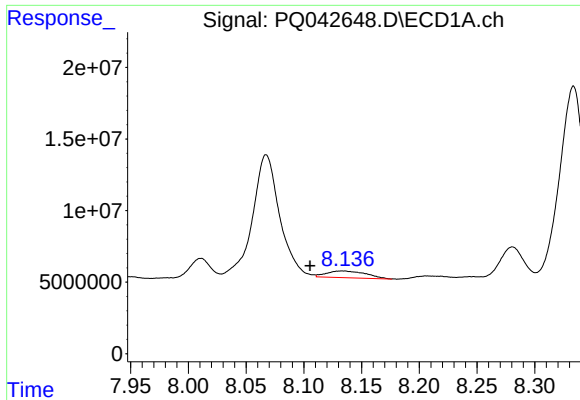
#24 AR-1248-4

R.T.: 8.067 min
Delta R.T.: 0.003 min
Response: 135107556
Conc: 815.01 ng/ml



#24 AR-1248-4

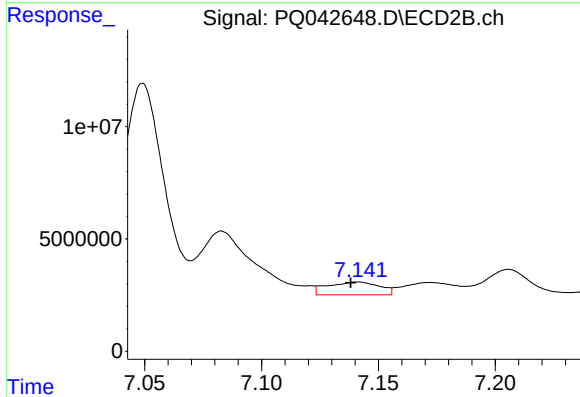
R.T.: 6.689 min
Delta R.T.: 0.006 min
Response: 8958033
Conc: 65.57 ng/ml



#25 AR-1248-5

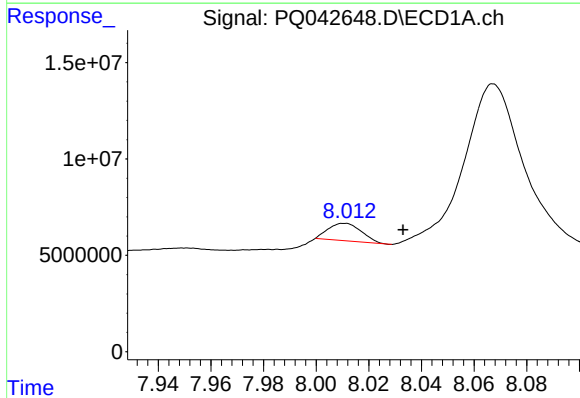
R.T.: 8.133 min
Delta R.T.: 0.028 min
Response: 11069999
Conc: 69.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



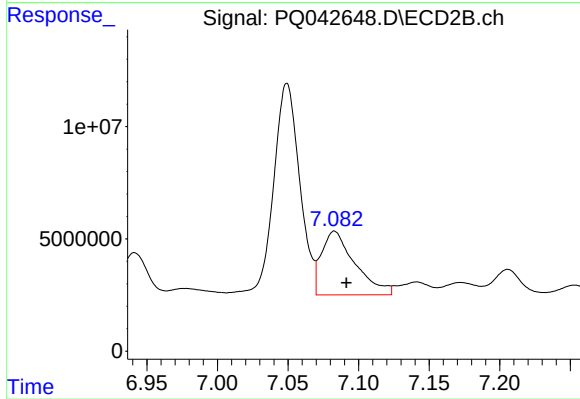
#25 AR-1248-5

R.T.: 7.141 min
Delta R.T.: 0.003 min
Response: 8808282
Conc: 55.95 ng/ml



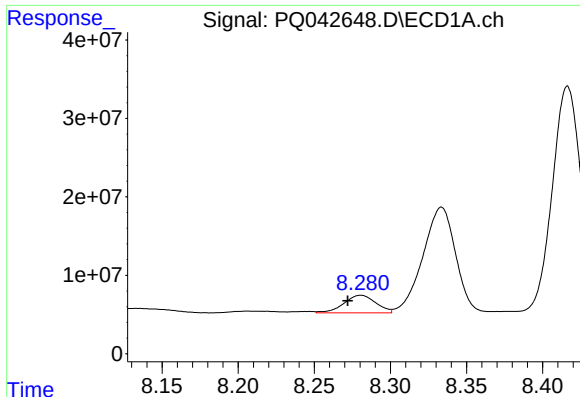
#26 AR-1254-1

R.T.: 8.012 min
Delta R.T.: -0.021 min
Response: 7857052
Conc: 53.55 ng/ml



#26 AR-1254-1

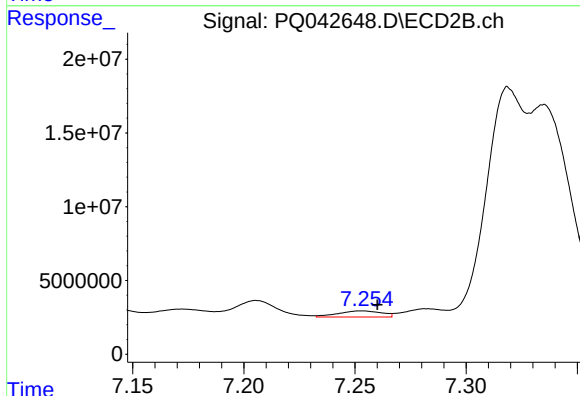
R.T.: 7.083 min
Delta R.T.: -0.009 min
Response: 46917686
Conc: 207.93 ng/ml



#27 AR-1254-2

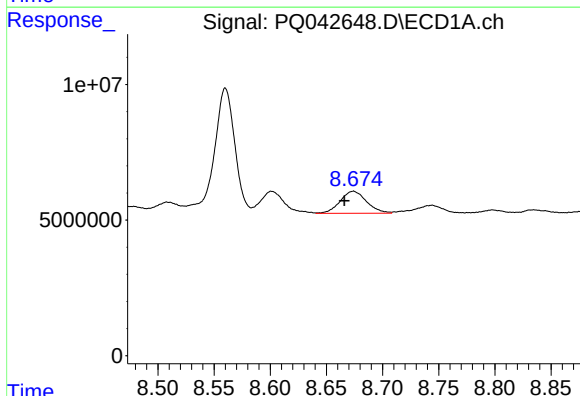
R.T.: 8.281 min
Delta R.T.: 0.009 min
Response: 32890574
Conc: 137.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



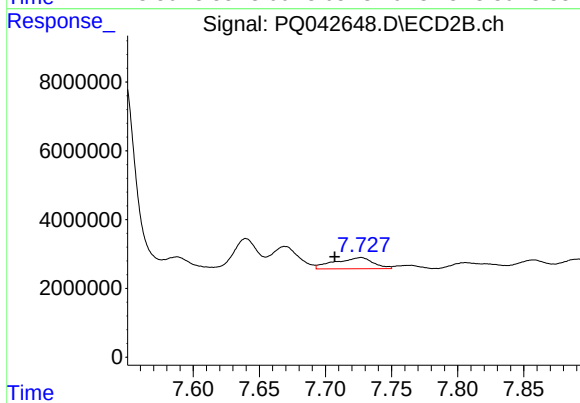
#27 AR-1254-2

R.T.: 7.253 min
Delta R.T.: -0.007 min
Response: 5660886
Conc: 28.00 ng/ml



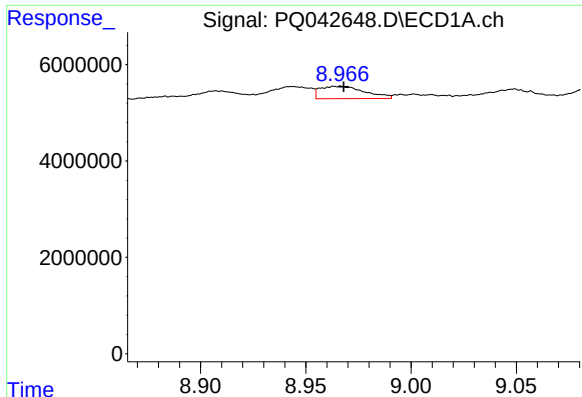
#28 AR-1254-3

R.T.: 8.674 min
Delta R.T.: 0.008 min
Response: 13302183
Conc: 46.66 ng/ml



#28 AR-1254-3

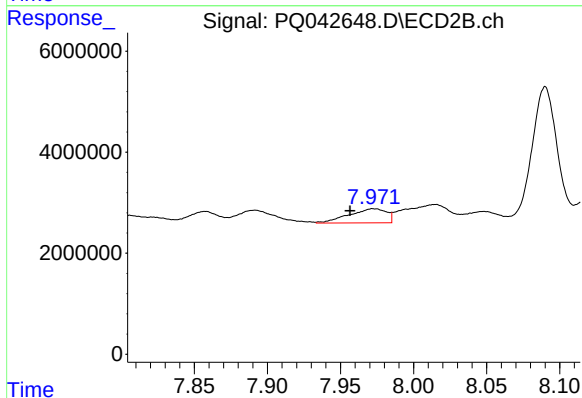
R.T.: 7.727 min
Delta R.T.: 0.020 min
Response: 6579927
Conc: 18.69 ng/ml



#29 AR-1254-4

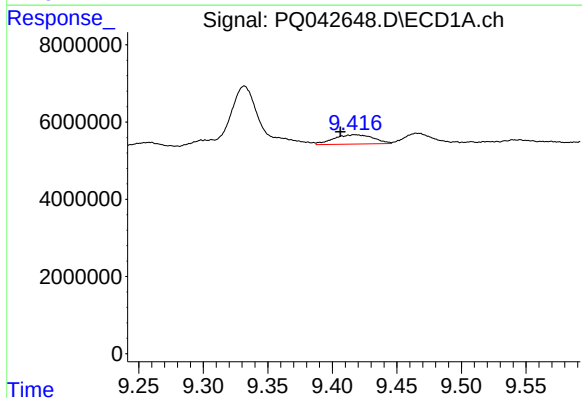
R.T.: 8.967 min
Delta R.T.: -0.001 min
Response: 3798401
Conc: 15.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



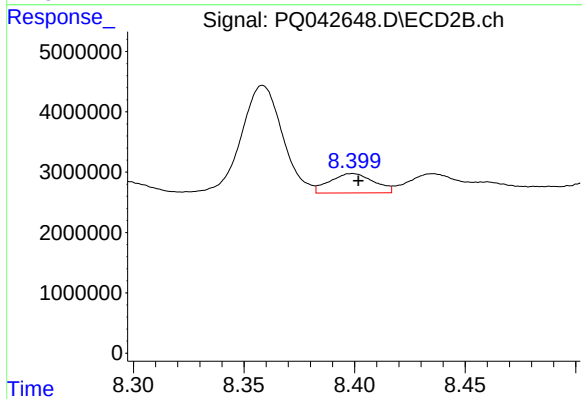
#29 AR-1254-4

R.T.: 7.973 min
Delta R.T.: 0.016 min
Response: 5033514
Conc: 19.62 ng/ml



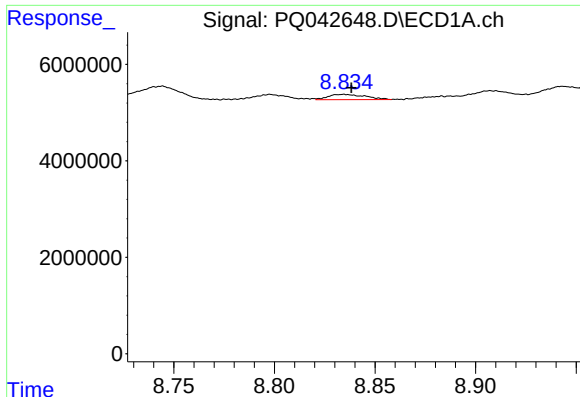
#30 AR-1254-5

R.T.: 9.417 min
Delta R.T.: 0.011 min
Response: 5163014
Conc: 20.00 ng/ml



#30 AR-1254-5

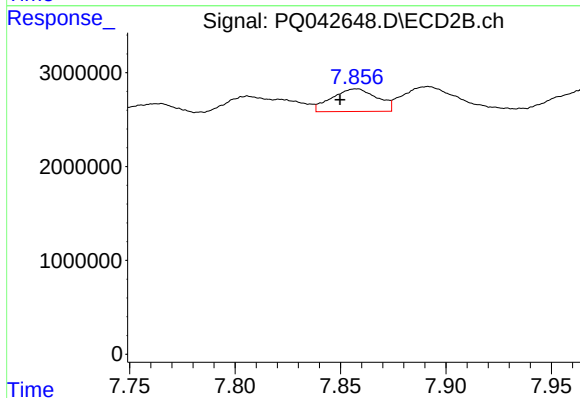
R.T.: 8.399 min
Delta R.T.: -0.003 min
Response: 4472016
Conc: 12.31 ng/ml



#31 AR-1260-1

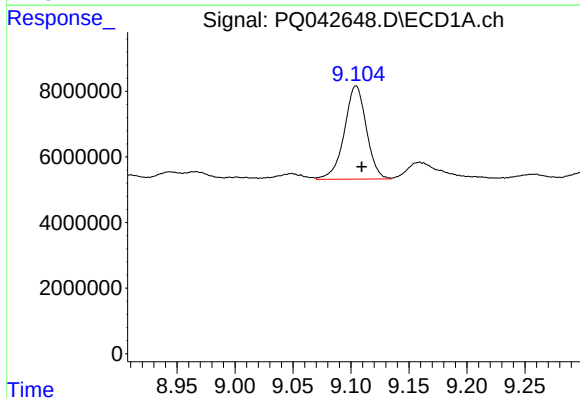
R.T.: 8.835 min
Delta R.T.: -0.004 min
Response: 1419827
Conc: 8.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



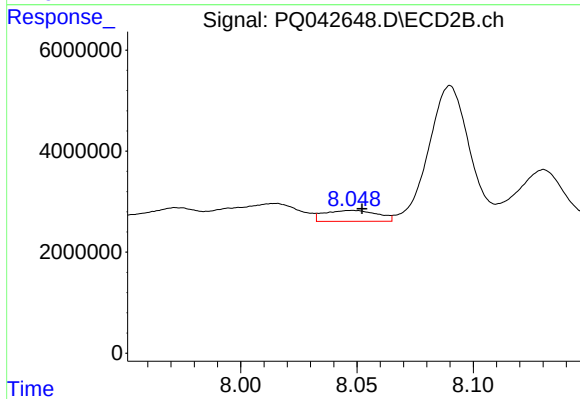
#31 AR-1260-1

R.T.: 7.857 min
Delta R.T.: 0.008 min
Response: 3599109
Conc: 17.64 ng/ml



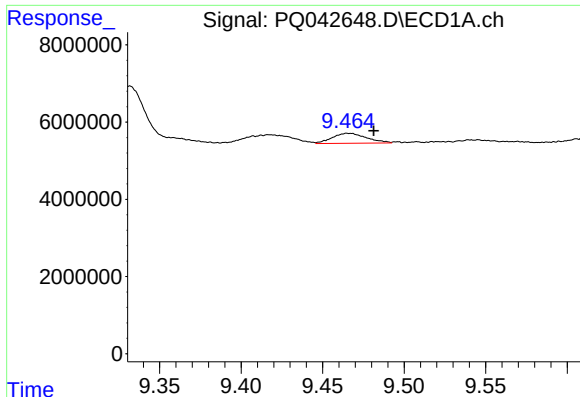
#32 AR-1260-2

R.T.: 9.104 min
Delta R.T.: -0.005 min
Response: 37539279
Conc: 156.18 ng/ml



#32 AR-1260-2

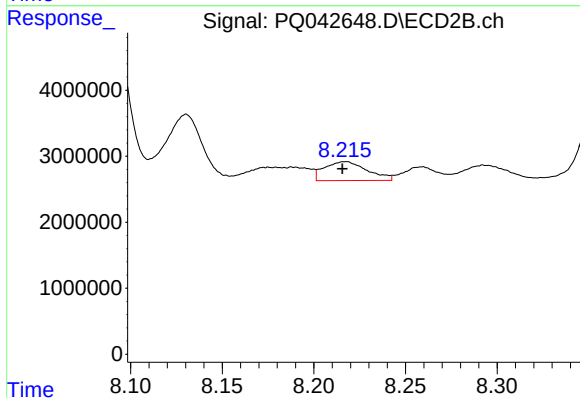
R.T.: 8.048 min
Delta R.T.: -0.004 min
Response: 3427742
Conc: 12.80 ng/ml



#33 AR-1260-3

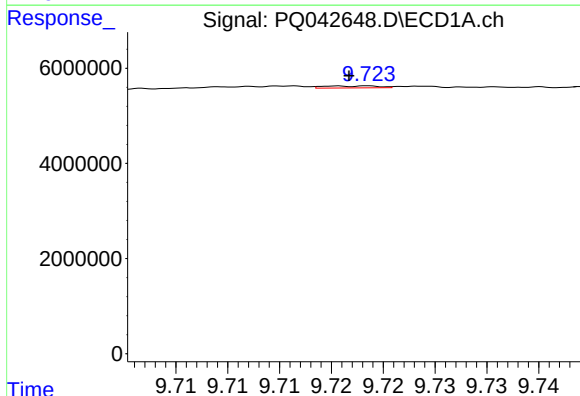
R.T.: 9.465 min
Delta R.T.: -0.016 min
Response: 3782436
Conc: 17.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



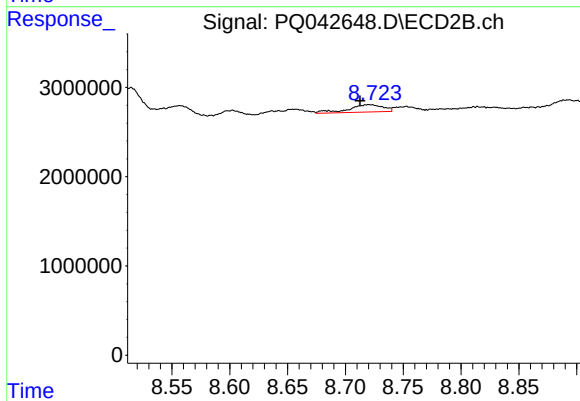
#33 AR-1260-3

R.T.: 8.217 min
Delta R.T.: 0.002 min
Response: 4635703
Conc: 19.45 ng/ml



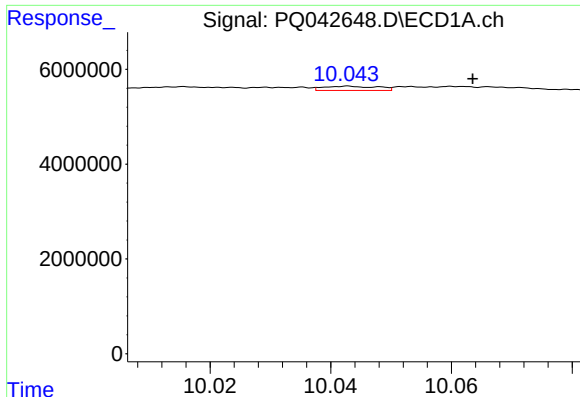
#34 AR-1260-4

R.T.: 9.724 min
Delta R.T.: 0.002 min
Response: 153315
Conc: 0.63 ng/ml



#34 AR-1260-4

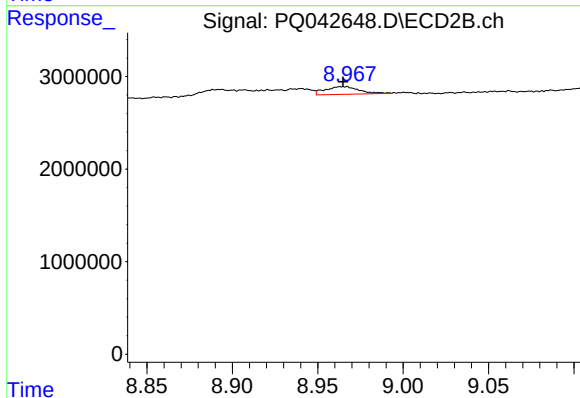
R.T.: 8.721 min
Delta R.T.: 0.008 min
Response: 1733897
Conc: 7.65 ng/ml



#35 AR-1260-5

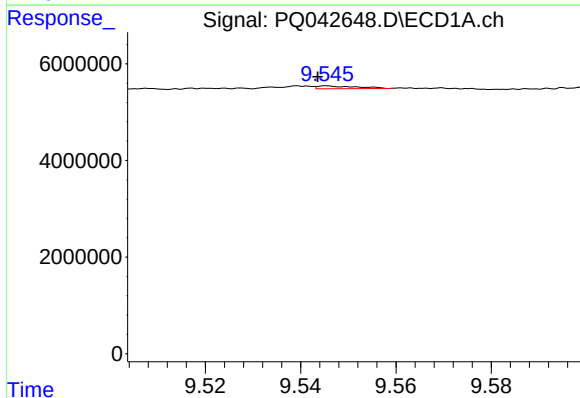
R.T.: 10.043 min
Delta R.T.: -0.020 min
Response: 564259
Conc: 0.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



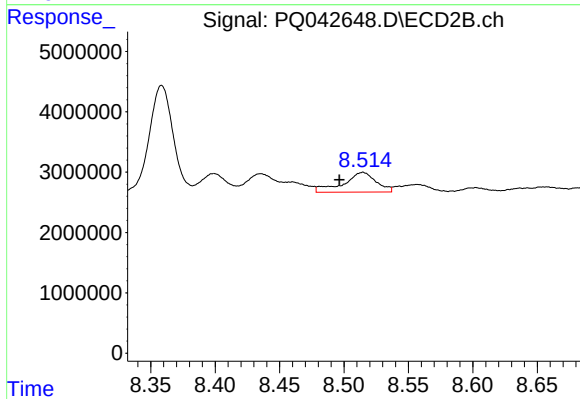
#35 AR-1260-5

R.T.: 8.965 min
Delta R.T.: 0.000 min
Response: 1156729
Conc: 1.86 ng/ml



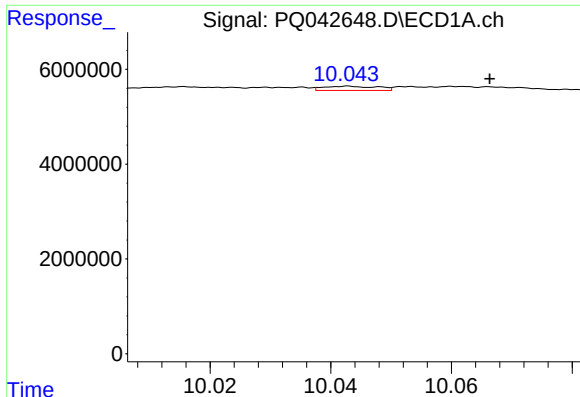
#36 AR-1262-1

R.T.: 9.546 min
Delta R.T.: 0.002 min
Response: 324160
Conc: 2.25 ng/ml



#36 AR-1262-1

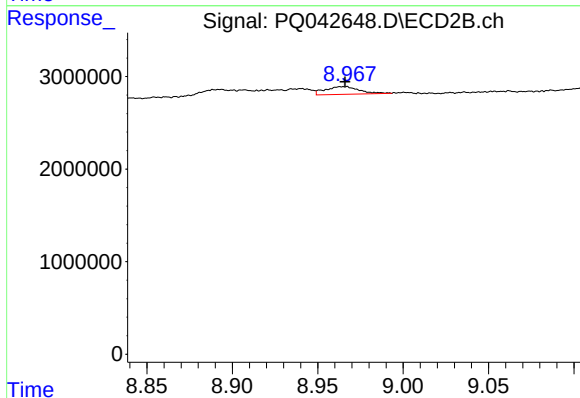
R.T.: 8.515 min
Delta R.T.: 0.018 min
Response: 5803492
Conc: 33.90 ng/ml



#37 AR-1262-2

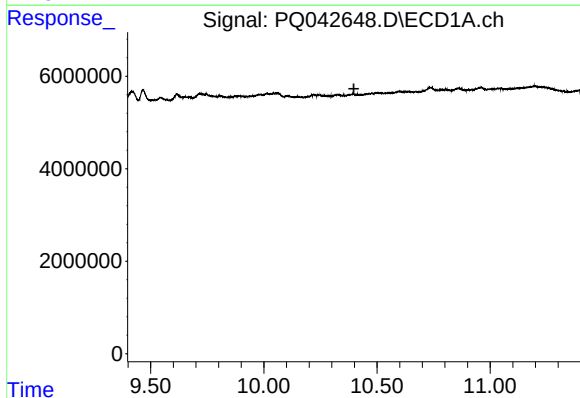
R.T.: 10.043 min
Delta R.T.: -0.023 min
Response: 564259
Conc: 0.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



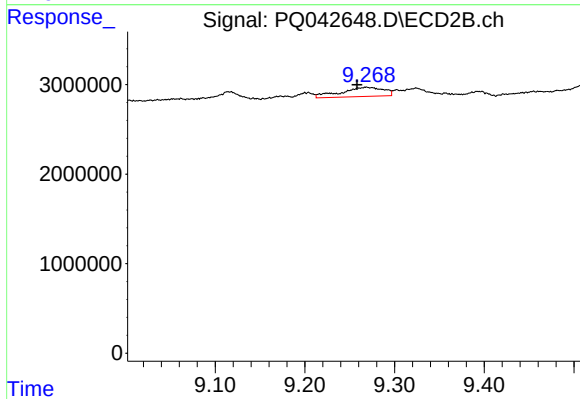
#37 AR-1262-2

R.T.: 8.965 min
Delta R.T.: -0.001 min
Response: 1156729
Conc: 1.38 ng/ml



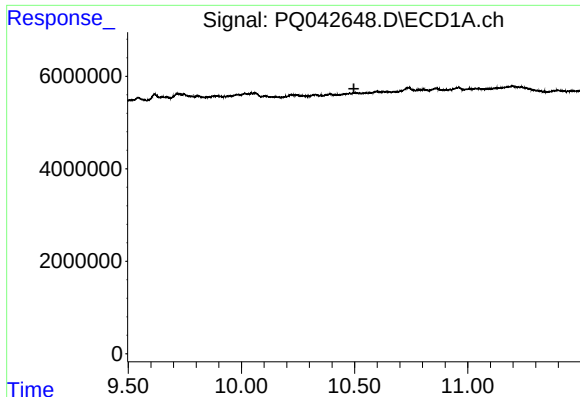
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 10.398 min
Response: 0
Conc: N.D.



#38 AR-1262-3

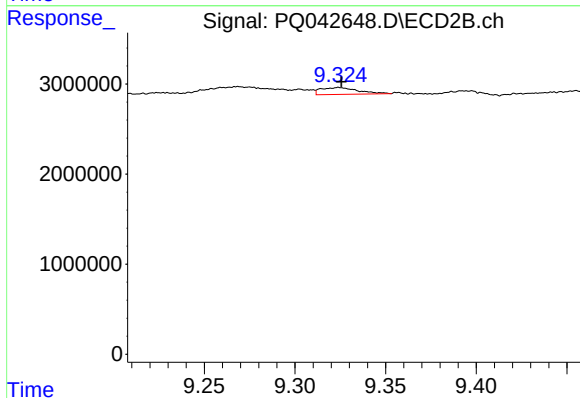
R.T.: 9.269 min
Delta R.T.: 0.011 min
Response: 3394032
Conc: 9.55 ng/ml



#39 AR-1262-4

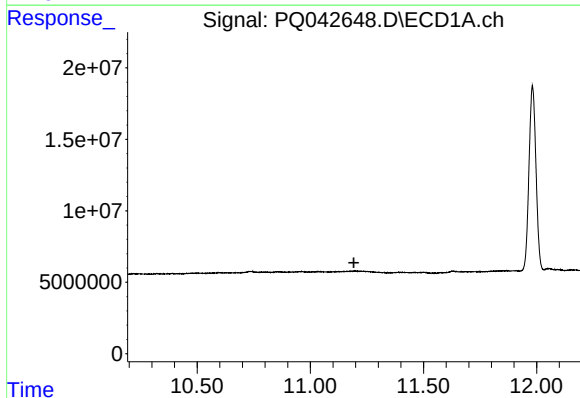
R.T.: 0.000 min
Exp R.T.: 10.497 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



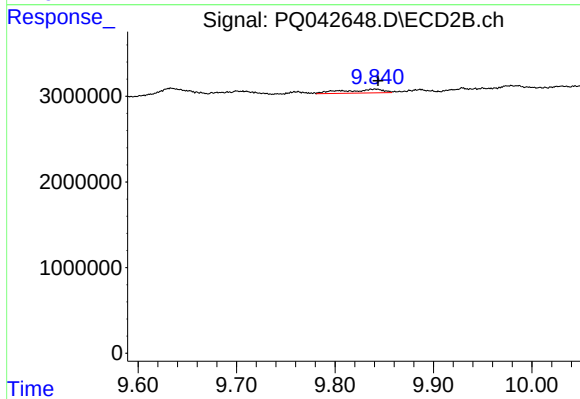
#39 AR-1262-4

R.T.: 9.324 min
Delta R.T.: -0.001 min
Response: 1086765
Conc: 1.69 ng/ml



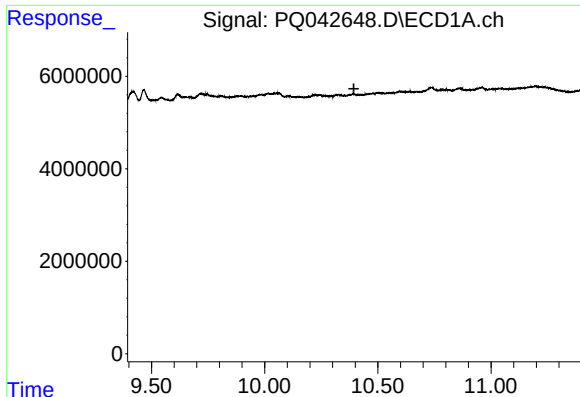
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 11.193 min
Response: 0
Conc: N.D.



#40 AR-1262-5

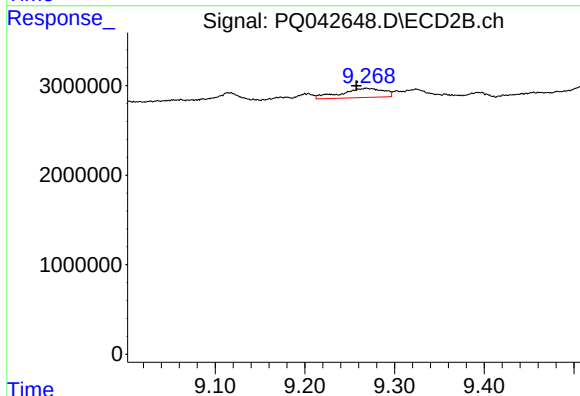
R.T.: 9.841 min
Delta R.T.: -0.002 min
Response: 1222972
Conc: 3.87 ng/ml



#41 AR-1268-1

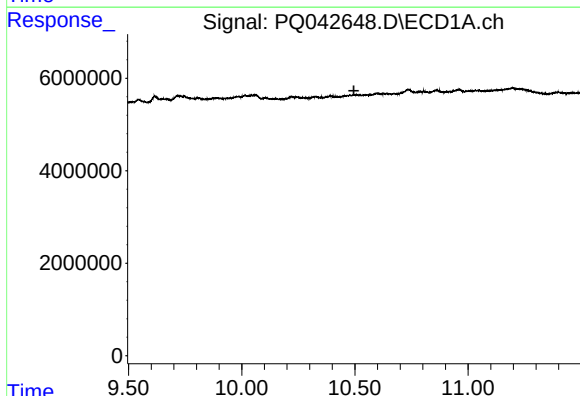
R.T.: 0.000 min
Exp R.T. : 10.394 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



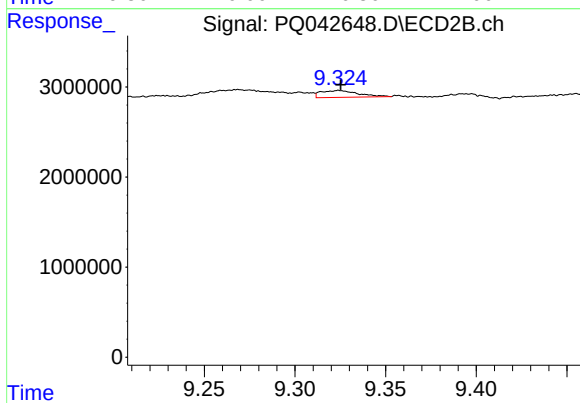
#41 AR-1268-1

R.T.: 9.269 min
Delta R.T.: 0.011 min
Response: 3394032
Conc: 3.38 ng/ml



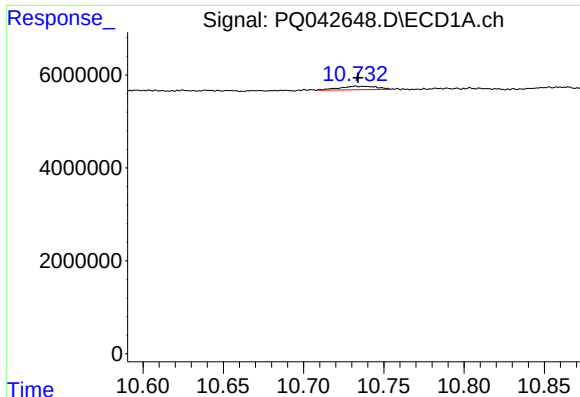
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 10.495 min
Response: 0
Conc: N.D.



#42 AR-1268-2

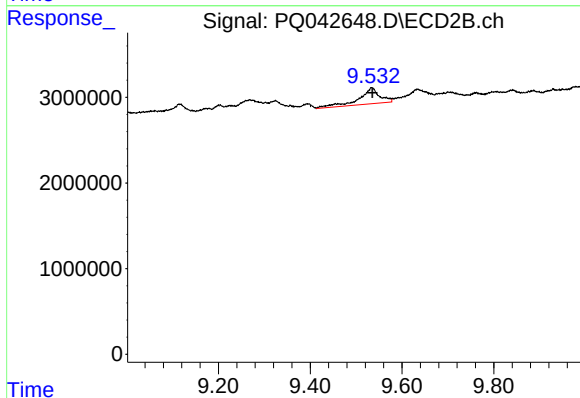
R.T.: 9.324 min
Delta R.T.: 0.000 min
Response: 1086765
Conc: 1.16 ng/ml



#43 AR-1268-3

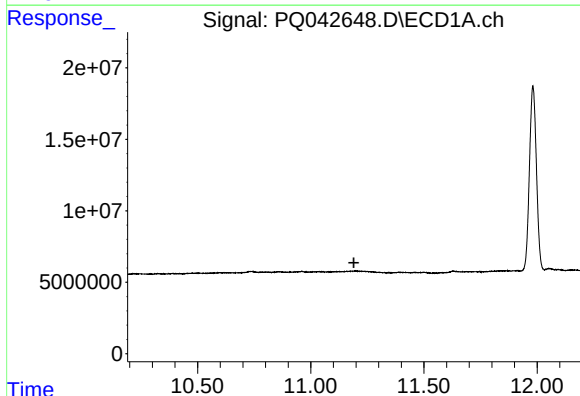
R.T.: 10.732 min
Delta R.T.: -0.001 min
Response: 1241521
Conc: 1.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



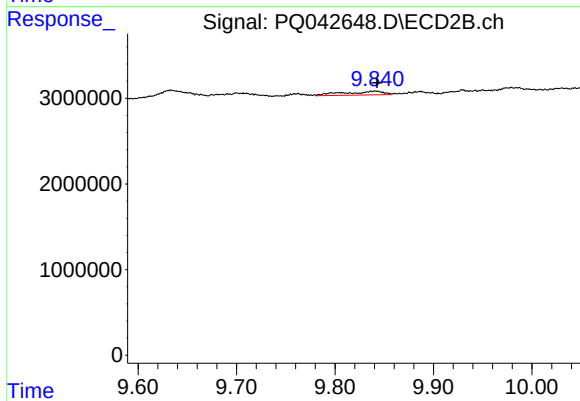
#43 AR-1268-3

R.T.: 9.534 min
Delta R.T.: -0.001 min
Response: 5853264
Conc: 7.35 ng/ml



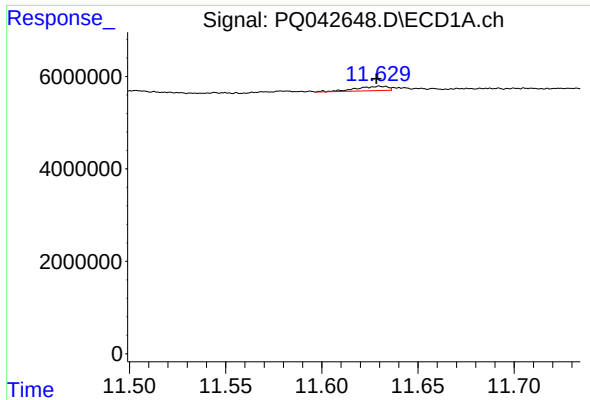
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 11.191 min
Response: 0
Conc: N.D.



#44 AR-1268-4

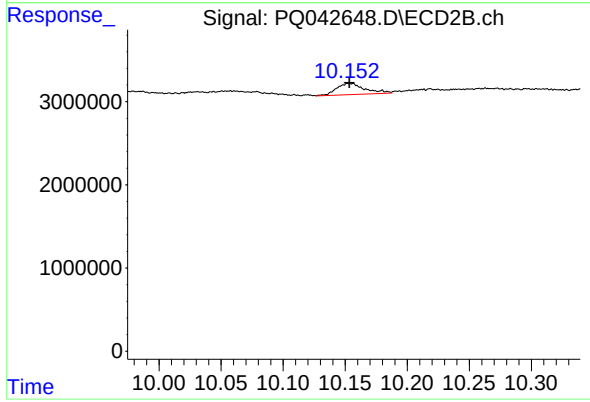
R.T.: 9.841 min
Delta R.T.: -0.001 min
Response: 1222972
Conc: 3.57 ng/ml



#45 AR-1268-5

R.T.: 11.630 min
Delta R.T.: 0.002 min
Response: 1085191
Conc: 0.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.154 min
Delta R.T.: 0.000 min
Response: 2150402
Conc: 0.84 ng/ml