

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ020620\
 Data File : PQ046410.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2020 16:31
 Operator : AJ\MA
 Sample : L1408-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 07 05:40:30 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ020520.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 05 15:38:19 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	5.212	4.362	145.8E6	67343428	21.264	19.811
2)	SA Decachlor...	11.350	9.780	128.1E6	106.5E6	19.980	17.609
Target Compounds							
3)	L1 AR-1016-1	0.000	5.647	0	94036	N.D.	0.758 #
4)	L1 AR-1016-2	0.000	5.647	0	94036	N.D.	0.472 #
5)	L1 AR-1016-3	6.644	5.875	869150	1028179	3.495	10.582 #
6)	L1 AR-1016-4	6.702	5.914	2109895	737899	10.250	8.773
7)	L1 AR-1016-5	7.044	6.134	4159181	668970	20.729	6.156 #
8)	L2 AR-1221-1	0.000	4.615	0	928116	N.D.	26.766 #
9)	L2 AR-1221-2	5.564	4.723	2643827	1033942	45.380	39.481
10)	L2 AR-1221-3	5.659	4.817	2255813	1301705	12.349	14.745
11)	L3 AR-1232-1	5.659	4.817	2255813	1301705	17.301	21.155
12)	L3 AR-1232-2	0.000	5.647	0	94036	N.D.	1.344 #
13)	L3 AR-1232-3	0.000	5.875	0	1028179	N.D.	31.499 #
14)	L3 AR-1232-4	6.702	5.978	2109895	1868409	29.659	60.161 #
15)	L3 AR-1232-5	6.823	6.134	923492	668970	16.471	19.523
16)	L4 AR-1242-1	0.000	5.647	0	94036	N.D.	1.182 #
17)	L4 AR-1242-2	0.000	5.647	0	94036	N.D.	0.693 #
18)	L4 AR-1242-3	6.644	5.875	869150	1028179	5.242	16.219 #
19)	L4 AR-1242-4	6.702	5.978	2109895	1868409	15.554	27.739 #
20)	L4 AR-1242-5	7.518	6.519	2066849	1592943	13.122	17.759 #
21)	L5 AR-1248-1	0.000	5.647	0	94036	N.D.	1.361 #
22)	L5 AR-1248-2	6.823	5.914	923492	737899	4.241	7.171 #
23)	L5 AR-1248-3	7.044	5.978	4159181	1868409	17.386	17.576
24)	L5 AR-1248-4	7.472	6.134	3062443	668970	11.286	5.178 #
25)	L5 AR-1248-5	7.518	6.519	2066849	1592943	7.571	12.175 #
26)	L6 AR-1254-1	7.429	6.519	4532227	1592943	16.498	7.741 #
27)	L6 AR-1254-2	7.664	6.677	6418860	1569585	15.100	8.479 #
28)	L6 AR-1254-3	8.051	7.104	7006119	5595769	15.625	17.562
29)	L6 AR-1254-4	8.340	7.341	4170952	5243126	12.702	27.078 #
30)	L6 AR-1254-5	8.771	7.773	22272941	12663530	65.344	42.576 #
31)	L7 AR-1260-1	8.213	7.239	6147529	9646575	17.052	40.881 #
32)	L7 AR-1260-2	8.472	7.434	31956102	11998866	76.759	41.154 #
33)	L7 AR-1260-3	8.847	7.594	6892643	8506587	21.950	29.972 #
34)	L7 AR-1260-4	9.078	8.078	8138343	4183181	23.389	17.065 #
35)	L7 AR-1260-5	9.424	8.324	11524513	9705499	17.528	15.673
36)	L8 AR-1262-1	8.847	7.773	6892643	12663530	15.698	75.578 #
37)	L8 AR-1262-2	9.424	8.324	11524513	9705499	15.828	14.498
38)	L8 AR-1262-3	9.770	8.612	10307079	6554730	20.691	24.470
39)	L8 AR-1262-4	9.851	8.679	6583409	8511859	16.255	16.163
40)	L8 AR-1262-5	10.546	9.192	3691644	7843371	13.311	33.327 #
41)	L9 AR-1268-1	9.770	8.612	10307079	6554730	12.291	8.334 #
42)	L9 AR-1268-2	9.851	8.679	6583409	8511859	8.060	10.900 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ020620\
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 Acq On : 06 Feb 2020 16:31
 Operator : AJ\MA
 Sample : L1408-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

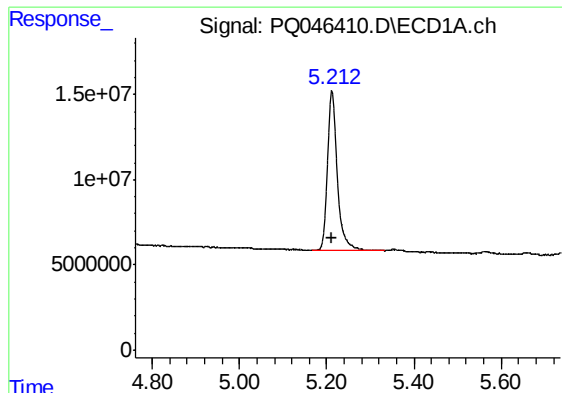
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 07 05:40:30 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ020520.M
 Quant Title : GC EXTRACTABLES
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	10.092	8.887	1570347	8904097	2.355	14.035 #
44) L9	AR-1268-4	10.546	9.192	3691644	7843371	11.954	28.179 #
45) L9	AR-1268-5	10.988	9.504	5536965	6169223	2.546	2.886

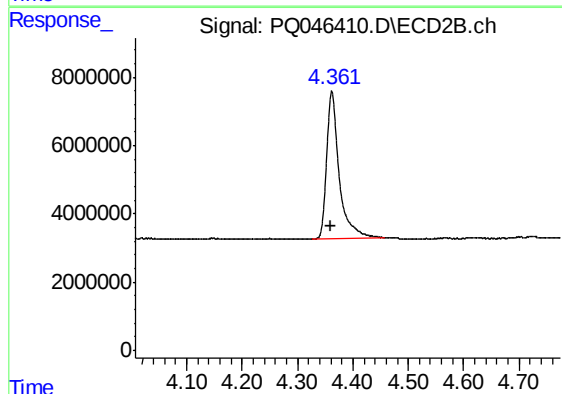
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

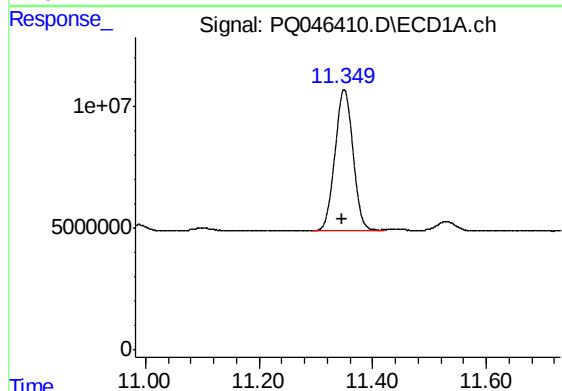
R.T.: 5.212 min
Delta R.T.: 0.001 min
Response: 145798525
Conc: 21.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



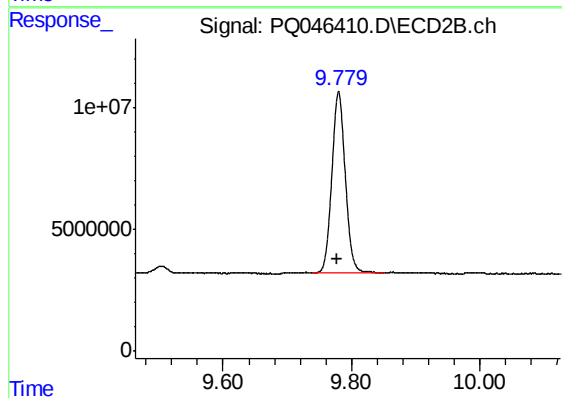
#1 Tetrachloro-m-xylene

R.T.: 4.362 min
Delta R.T.: 0.002 min
Response: 67343428
Conc: 19.81 ng/ml



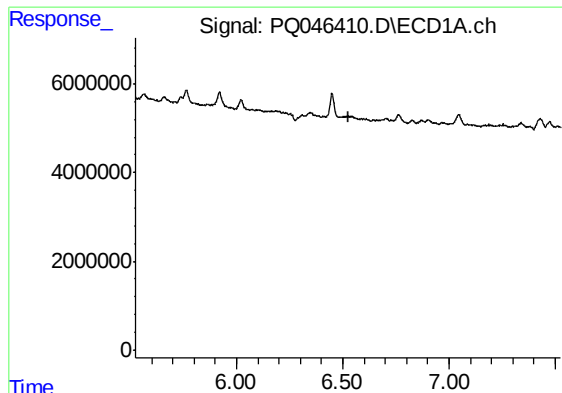
#2 Decachlorobiphenyl

R.T.: 11.350 min
Delta R.T.: 0.003 min
Response: 128073092
Conc: 19.98 ng/ml



#2 Decachlorobiphenyl

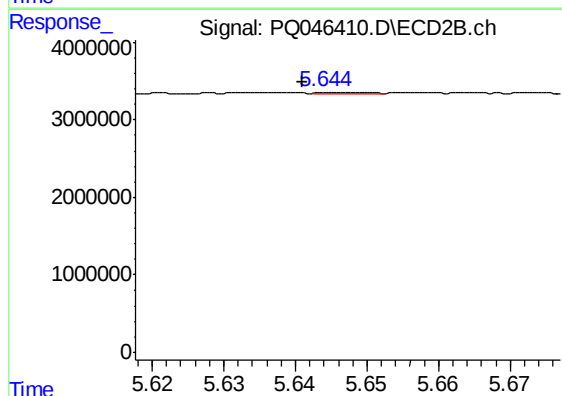
R.T.: 9.780 min
Delta R.T.: 0.002 min
Response: 106509260
Conc: 17.61 ng/ml



#3 AR-1016-1

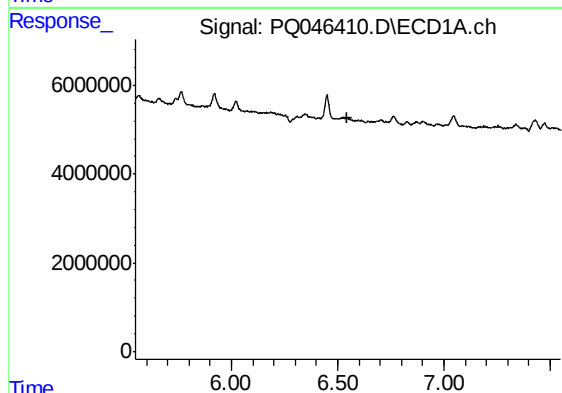
R.T.: 0.000 min
Exp R.T. : 6.524 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



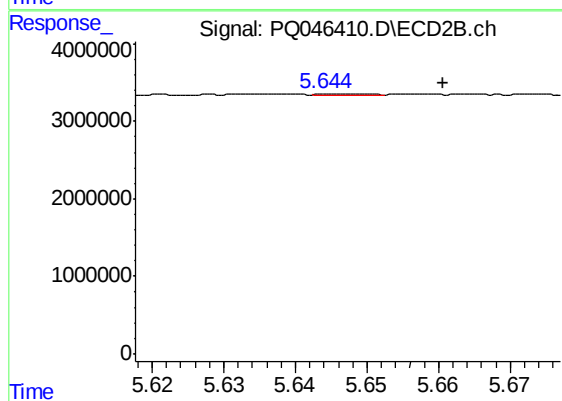
#3 AR-1016-1

R.T.: 5.647 min
Delta R.T.: 0.006 min
Response: 94036
Conc: 0.76 ng/ml



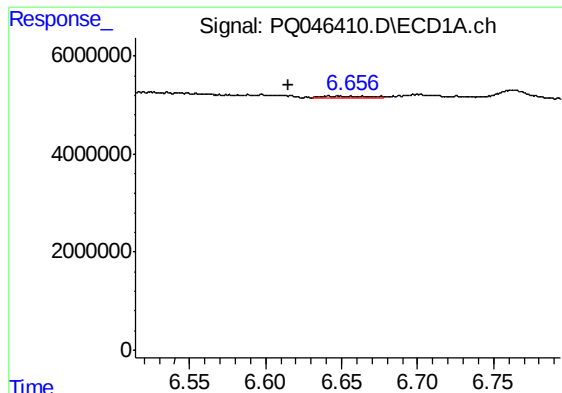
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 6.548 min
Response: 0
Conc: N.D.



#4 AR-1016-2

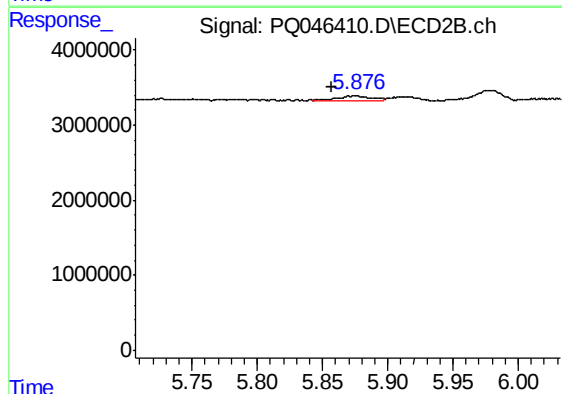
R.T.: 5.647 min
Delta R.T.: -0.014 min
Response: 94036
Conc: 0.47 ng/ml



#5 AR-1016-3

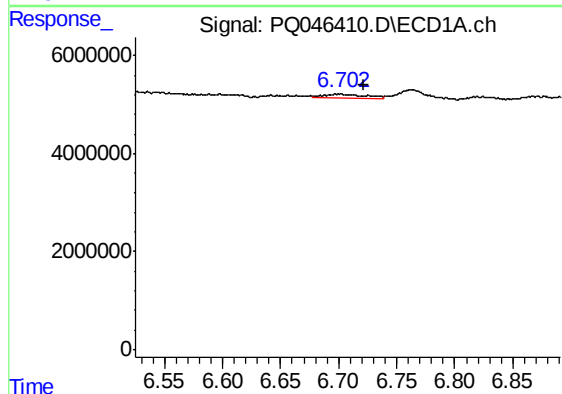
R.T.: 6.644 min
Delta R.T.: 0.029 min
Response: 869150
Conc: 3.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



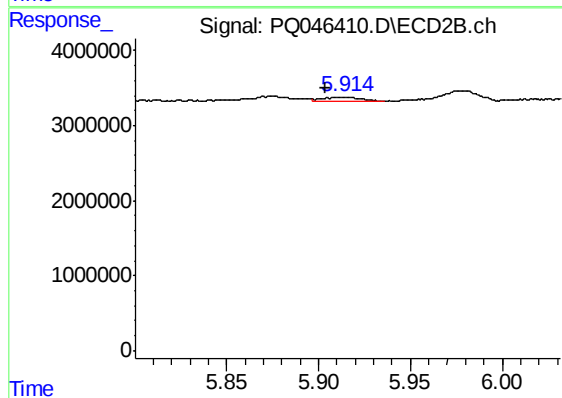
#5 AR-1016-3

R.T.: 5.875 min
Delta R.T.: 0.018 min
Response: 1028179
Conc: 10.58 ng/ml



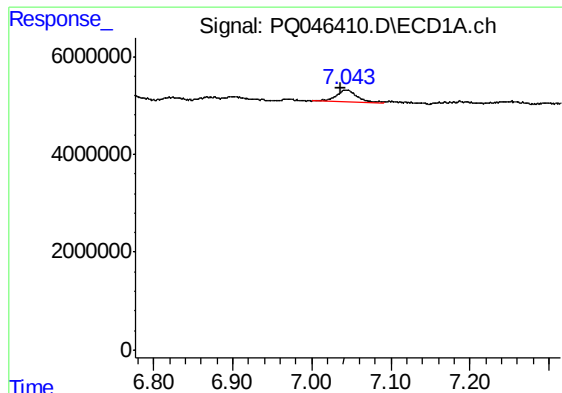
#6 AR-1016-4

R.T.: 6.702 min
Delta R.T.: -0.020 min
Response: 2109895
Conc: 10.25 ng/ml



#6 AR-1016-4

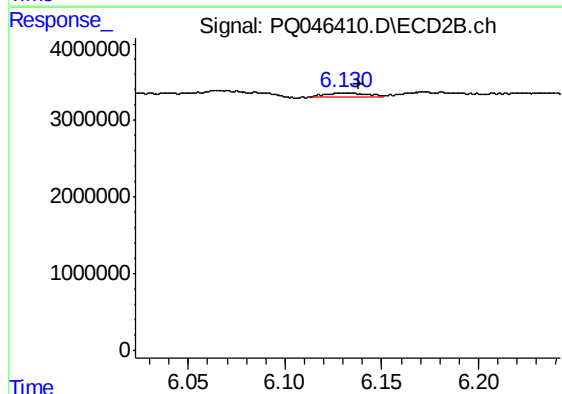
R.T.: 5.914 min
Delta R.T.: 0.010 min
Response: 737899
Conc: 8.77 ng/ml



#7 AR-1016-5

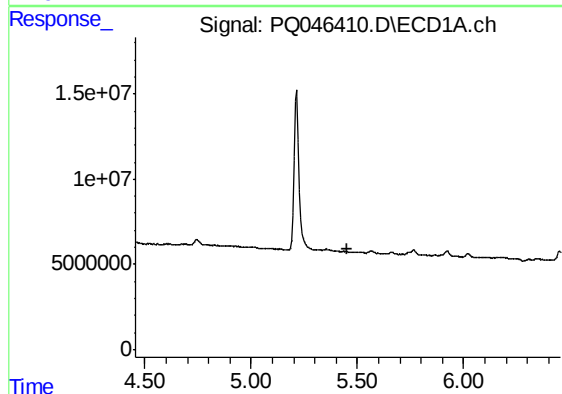
R.T.: 7.044 min
Delta R.T.: 0.007 min
Response: 4159181
Conc: 20.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



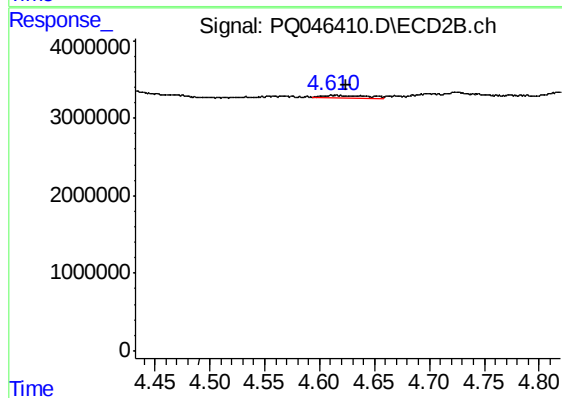
#7 AR-1016-5

R.T.: 6.134 min
Delta R.T.: -0.005 min
Response: 668970
Conc: 6.16 ng/ml



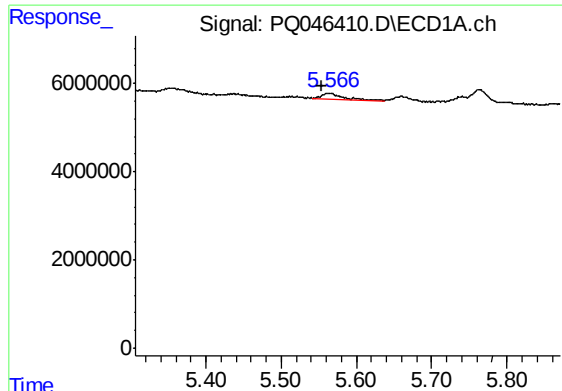
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.455 min
Response: 0
Conc: N.D.



#8 AR-1221-1

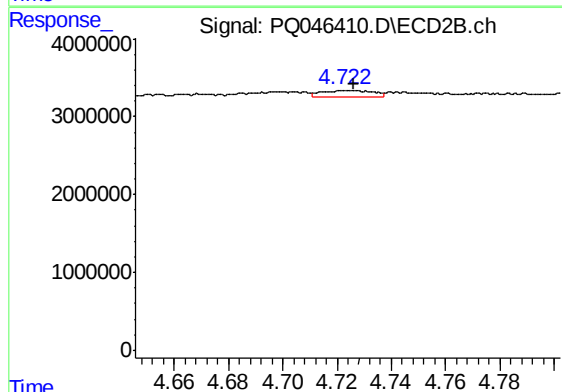
R.T.: 4.615 min
Delta R.T.: -0.009 min
Response: 928116
Conc: 26.77 ng/ml



#9 AR-1221-2

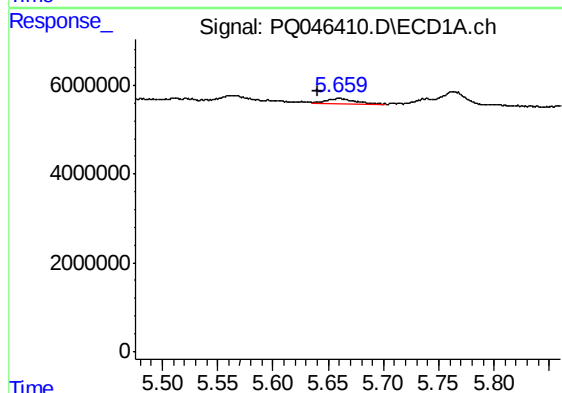
R.T.: 5.564 min
Delta R.T.: 0.010 min
Response: 2643827
Conc: 45.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



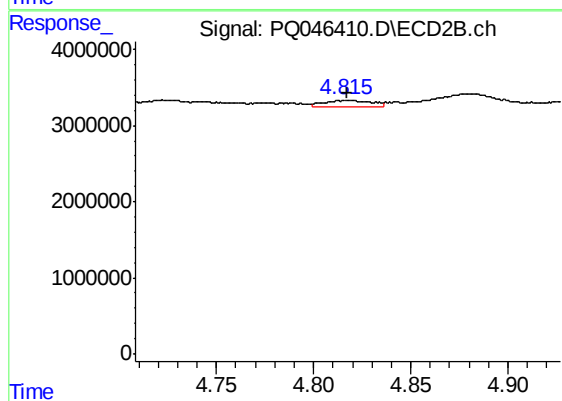
#9 AR-1221-2

R.T.: 4.723 min
Delta R.T.: -0.003 min
Response: 1033942
Conc: 39.48 ng/ml



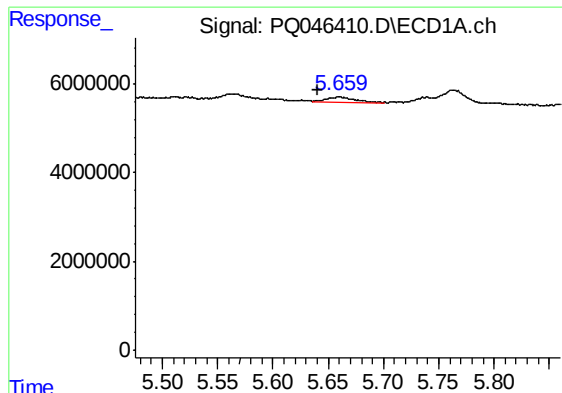
#10 AR-1221-3

R.T.: 5.659 min
Delta R.T.: 0.018 min
Response: 2255813
Conc: 12.35 ng/ml



#10 AR-1221-3

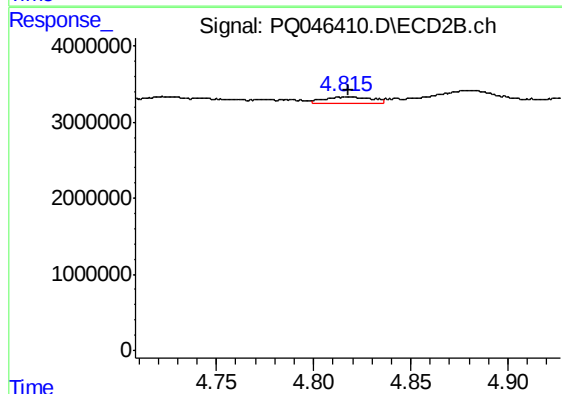
R.T.: 4.817 min
Delta R.T.: 0.000 min
Response: 1301705
Conc: 14.74 ng/ml



#11 AR-1232-1

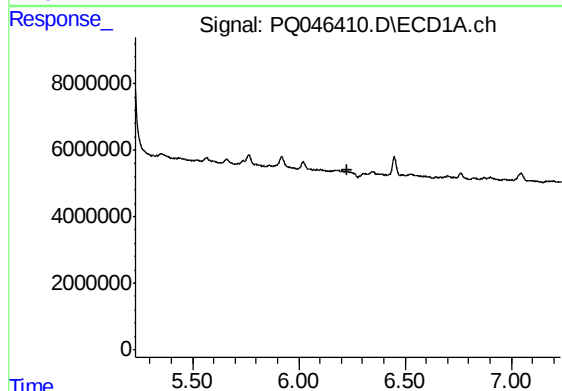
R.T.: 5.659 min
Delta R.T.: 0.019 min
Response: 2255813
Conc: 17.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



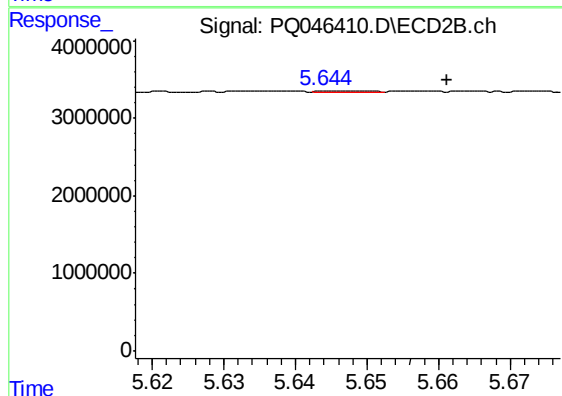
#11 AR-1232-1

R.T.: 4.817 min
Delta R.T.: -0.001 min
Response: 1301705
Conc: 21.15 ng/ml



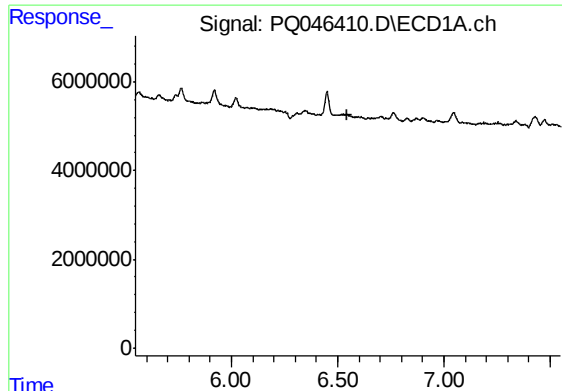
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.231 min
Response: 0
Conc: N.D.



#12 AR-1232-2

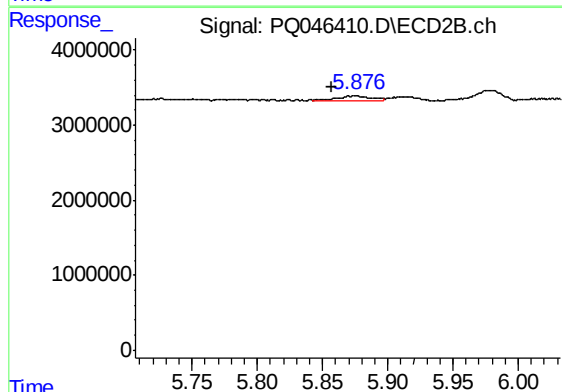
R.T.: 5.647 min
Delta R.T.: -0.014 min
Response: 94036
Conc: 1.34 ng/ml



#13 AR-1232-3

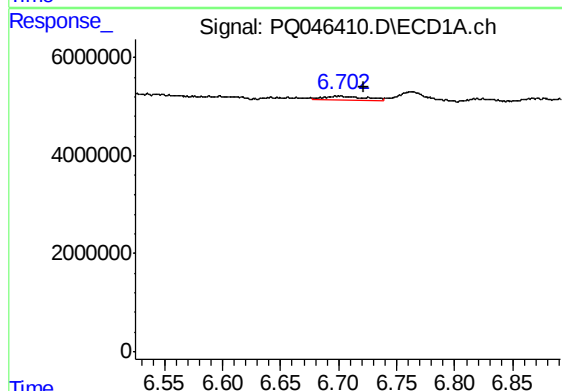
R.T.: 0.000 min
Exp R.T.: 6.548 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



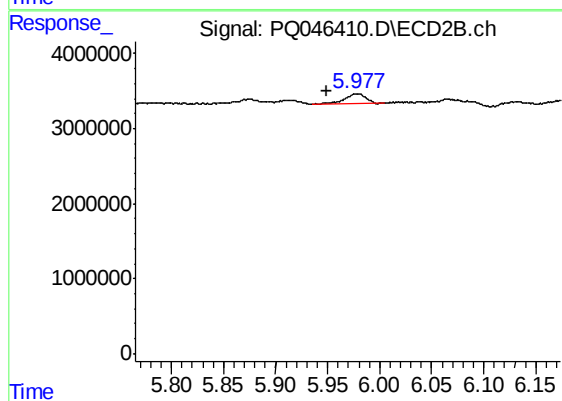
#13 AR-1232-3

R.T.: 5.875 min
Delta R.T.: 0.018 min
Response: 1028179
Conc: 31.50 ng/ml



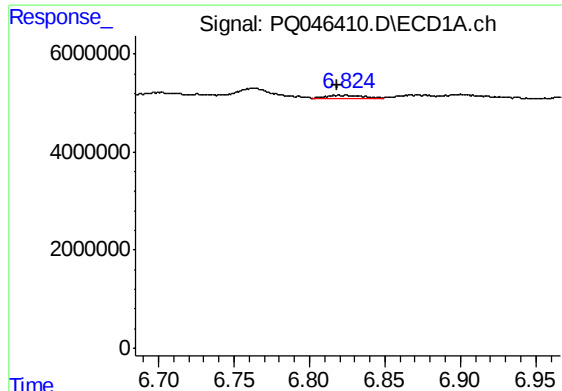
#14 AR-1232-4

R.T.: 6.702 min
Delta R.T.: -0.020 min
Response: 2109895
Conc: 29.66 ng/ml



#14 AR-1232-4

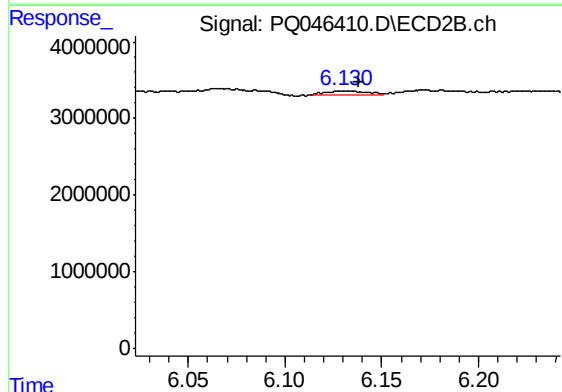
R.T.: 5.978 min
Delta R.T.: 0.028 min
Response: 1868409
Conc: 60.16 ng/ml



#15 AR-1232-5

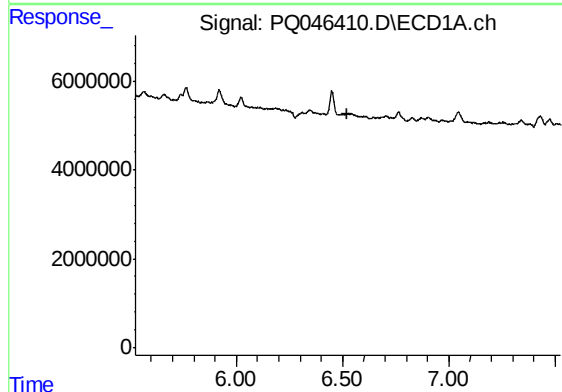
R.T.: 6.823 min
Delta R.T.: 0.005 min
Response: 923492
Conc: 16.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



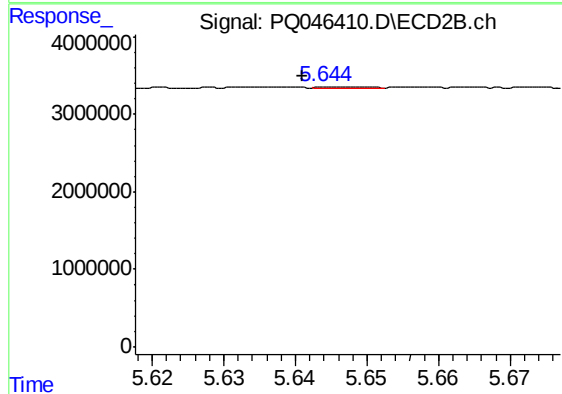
#15 AR-1232-5

R.T.: 6.134 min
Delta R.T.: -0.004 min
Response: 668970
Conc: 19.52 ng/ml



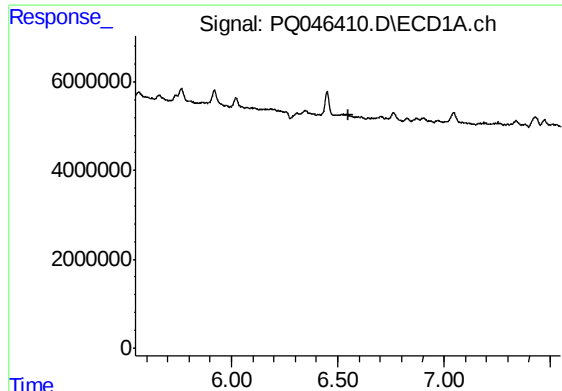
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 6.525 min
Response: 0
Conc: N.D.



#16 AR-1242-1

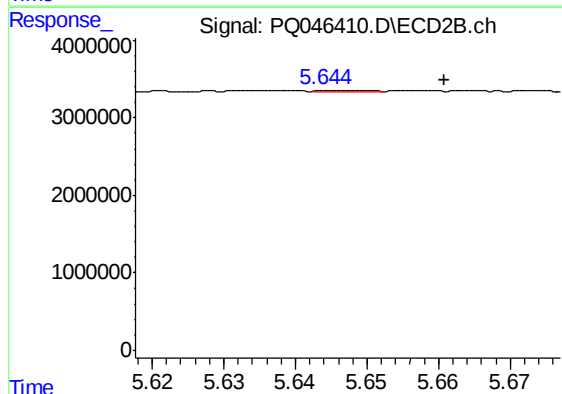
R.T.: 5.647 min
Delta R.T.: 0.006 min
Response: 94036
Conc: 1.18 ng/ml



#17 AR-1242-2

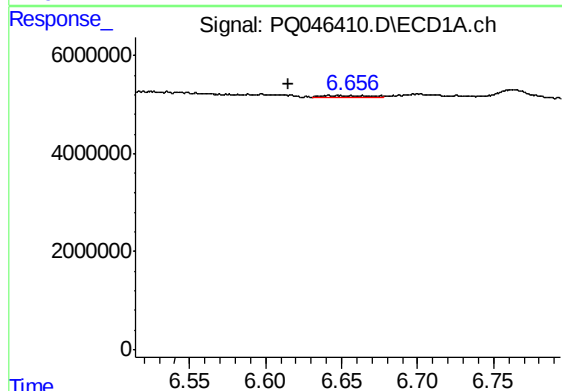
R.T.: 0.000 min
Exp R.T.: 6.548 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



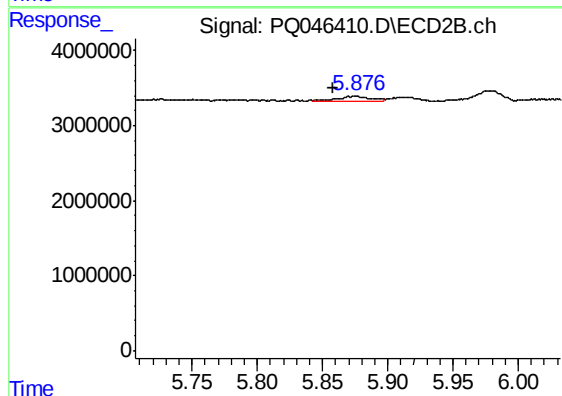
#17 AR-1242-2

R.T.: 5.647 min
Delta R.T.: -0.014 min
Response: 94036
Conc: 0.69 ng/ml



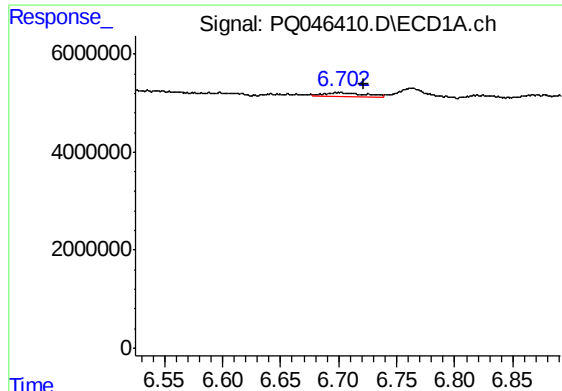
#18 AR-1242-3

R.T.: 6.644 min
Delta R.T.: 0.029 min
Response: 869150
Conc: 5.24 ng/ml



#18 AR-1242-3

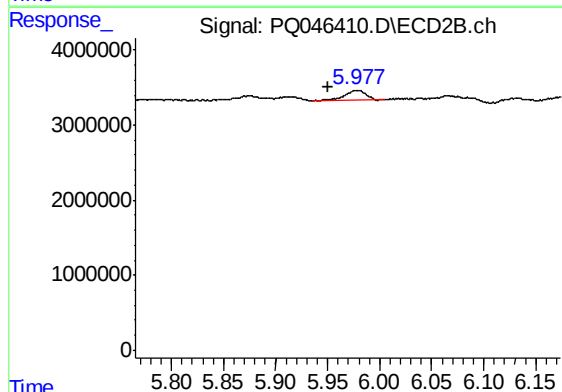
R.T.: 5.875 min
Delta R.T.: 0.018 min
Response: 1028179
Conc: 16.22 ng/ml



#19 AR-1242-4

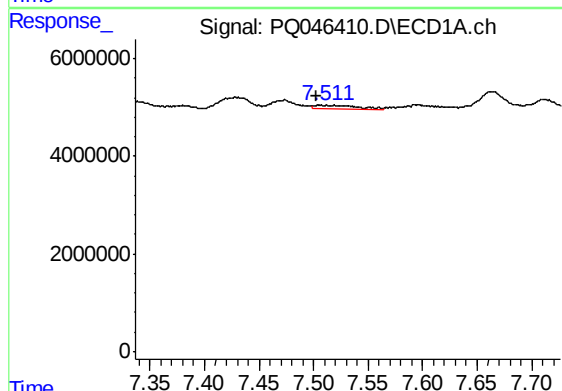
R.T.: 6.702 min
Delta R.T.: -0.020 min
Response: 2109895
Conc: 15.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



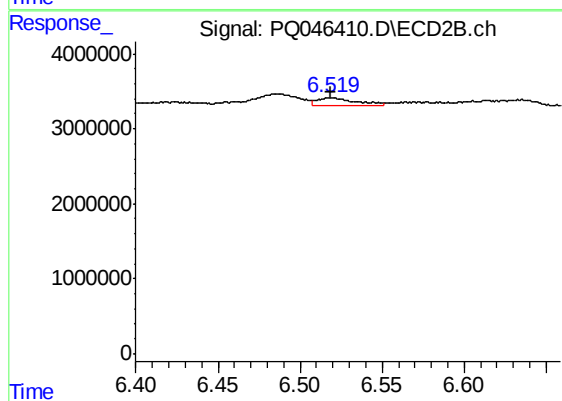
#19 AR-1242-4

R.T.: 5.978 min
Delta R.T.: 0.028 min
Response: 1868409
Conc: 27.74 ng/ml



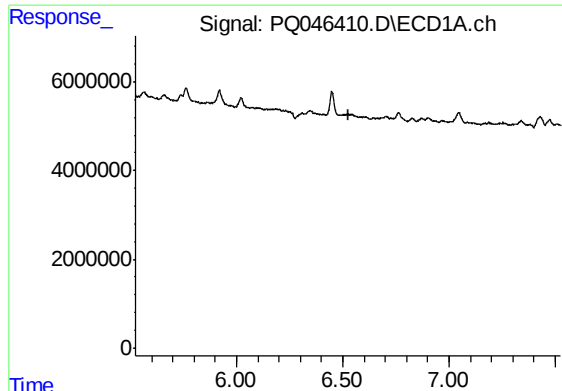
#20 AR-1242-5

R.T.: 7.518 min
Delta R.T.: 0.016 min
Response: 2066849
Conc: 13.12 ng/ml



#20 AR-1242-5

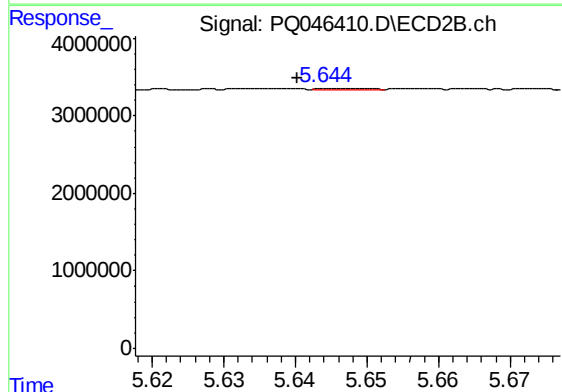
R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 1592943
Conc: 17.76 ng/ml



#21 AR-1248-1

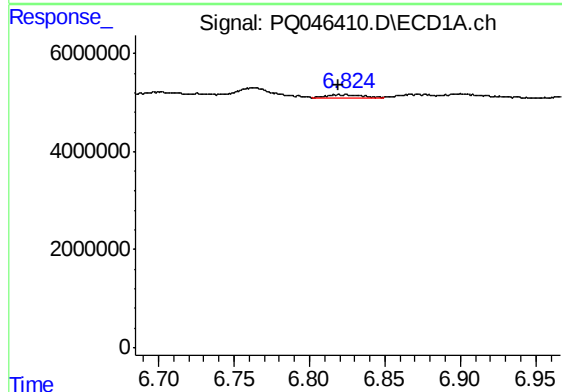
R.T.: 0.000 min
Exp R.T.: 6.525 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



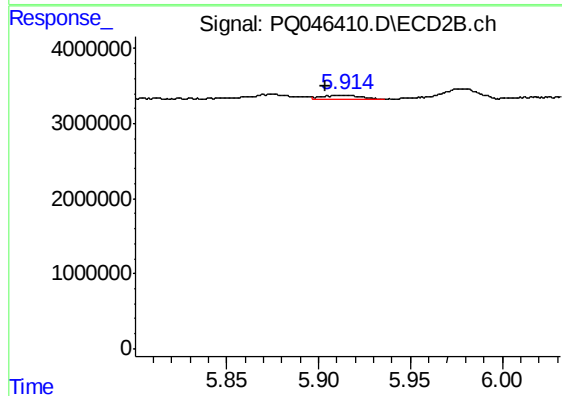
#21 AR-1248-1

R.T.: 5.647 min
Delta R.T.: 0.007 min
Response: 94036
Conc: 1.36 ng/ml



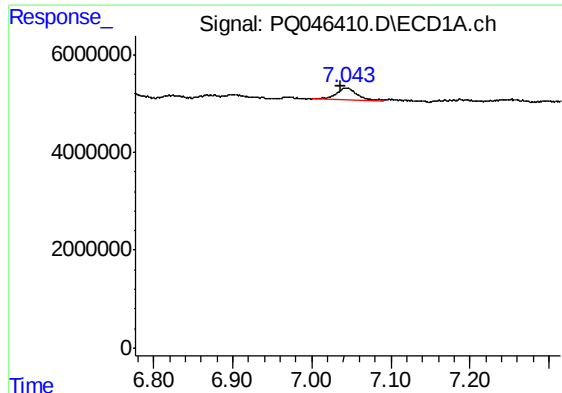
#22 AR-1248-2

R.T.: 6.823 min
Delta R.T.: 0.004 min
Response: 923492
Conc: 4.24 ng/ml



#22 AR-1248-2

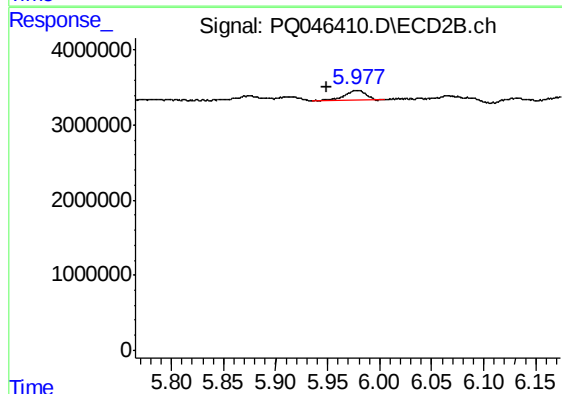
R.T.: 5.914 min
Delta R.T.: 0.010 min
Response: 737899
Conc: 7.17 ng/ml



#23 AR-1248-3

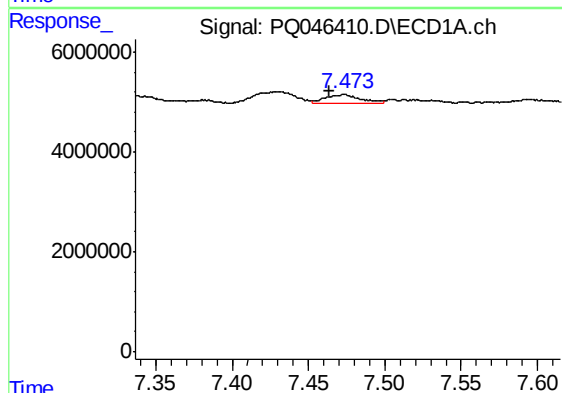
R.T.: 7.044 min
Delta R.T.: 0.008 min
Response: 4159181
Conc: 17.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



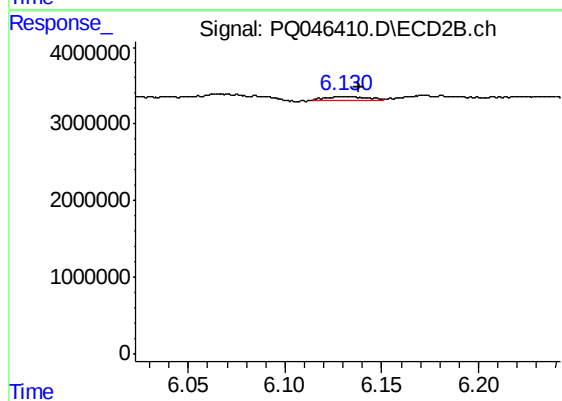
#23 AR-1248-3

R.T.: 5.978 min
Delta R.T.: 0.029 min
Response: 1868409
Conc: 17.58 ng/ml



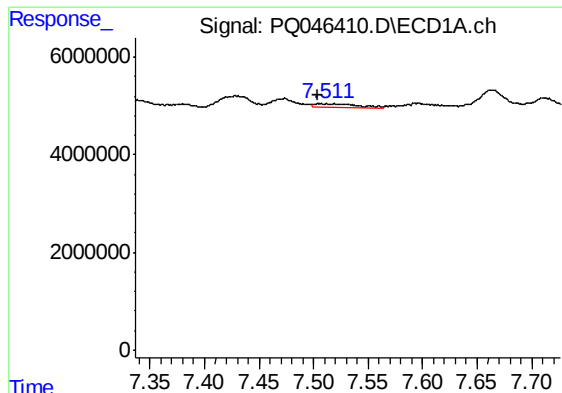
#24 AR-1248-4

R.T.: 7.472 min
Delta R.T.: 0.009 min
Response: 3062443
Conc: 11.29 ng/ml



#24 AR-1248-4

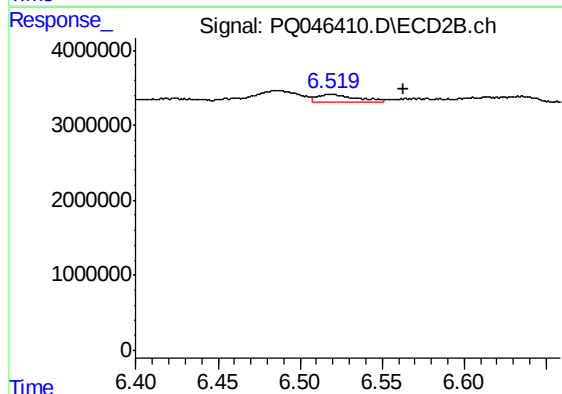
R.T.: 6.134 min
Delta R.T.: -0.004 min
Response: 668970
Conc: 5.18 ng/ml



#25 AR-1248-5

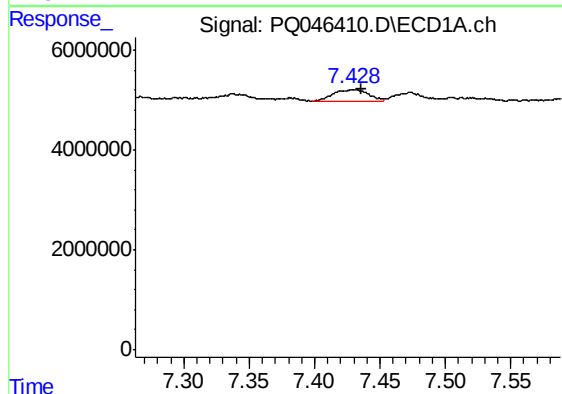
R.T.: 7.518 min
Delta R.T.: 0.014 min
Response: 2066849
Conc: 7.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



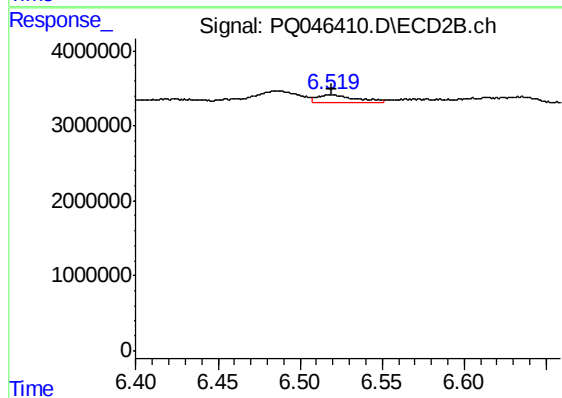
#25 AR-1248-5

R.T.: 6.519 min
Delta R.T.: -0.044 min
Response: 1592943
Conc: 12.17 ng/ml



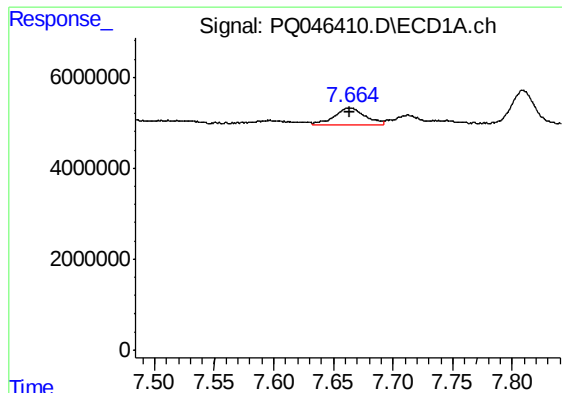
#26 AR-1254-1

R.T.: 7.429 min
Delta R.T.: -0.007 min
Response: 4532227
Conc: 16.50 ng/ml



#26 AR-1254-1

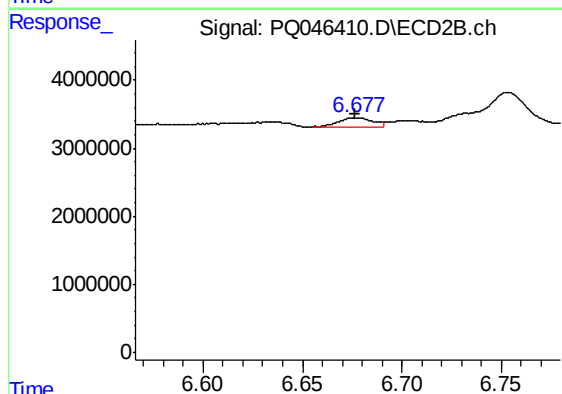
R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 1592943
Conc: 7.74 ng/ml



#27 AR-1254-2

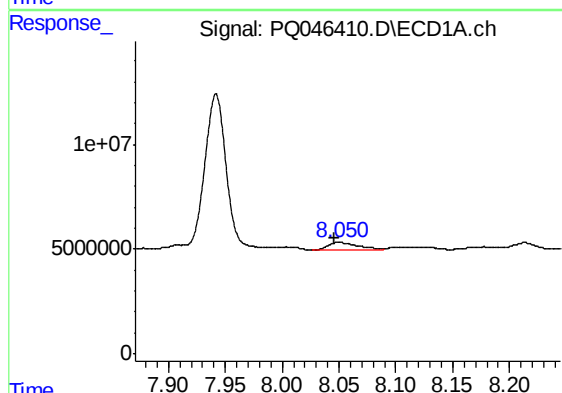
R.T.: 7.664 min
Delta R.T.: 0.000 min
Response: 6418860
Conc: 15.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



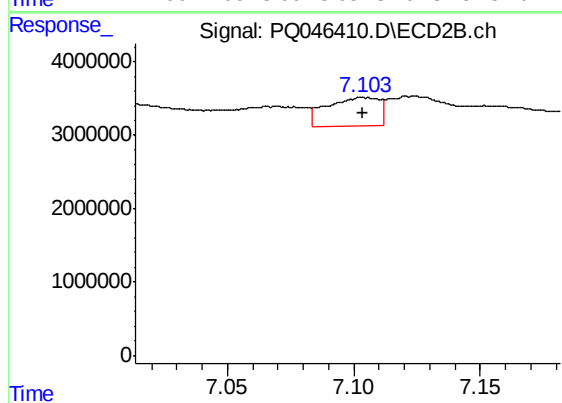
#27 AR-1254-2

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 1569585
Conc: 8.48 ng/ml



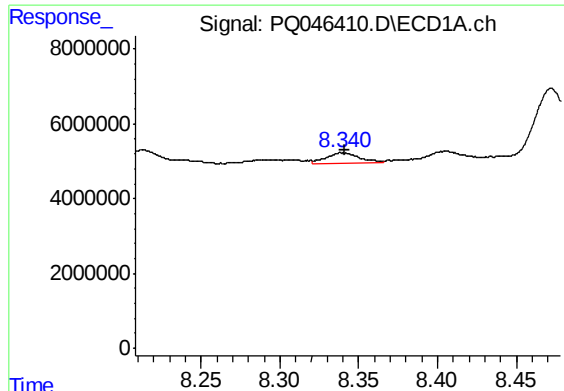
#28 AR-1254-3

R.T.: 8.051 min
Delta R.T.: 0.005 min
Response: 7006119
Conc: 15.63 ng/ml



#28 AR-1254-3

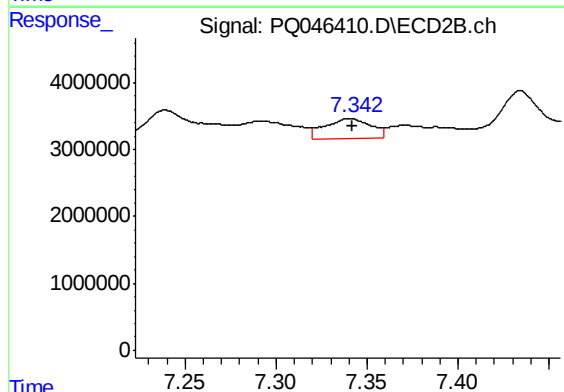
R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 5595769
Conc: 17.56 ng/ml



#29 AR-1254-4

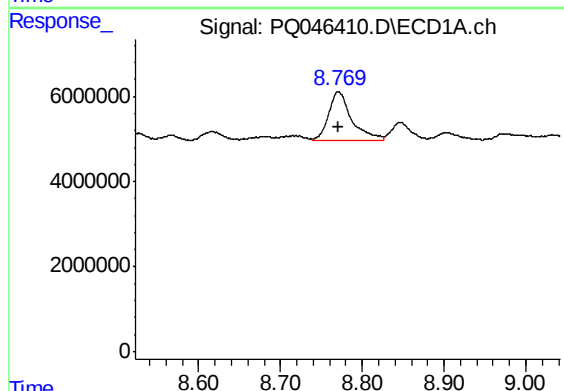
R.T.: 8.340 min
Delta R.T.: -0.001 min
Response: 4170952
Conc: 12.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



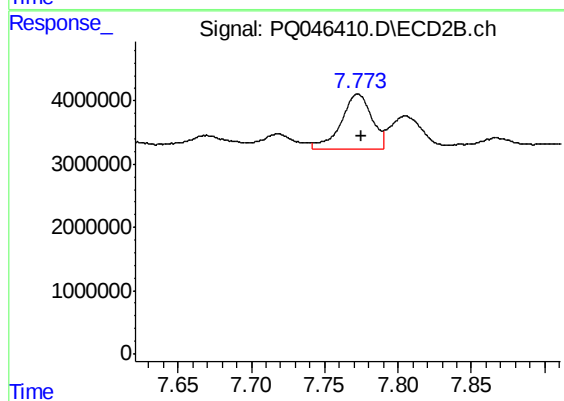
#29 AR-1254-4

R.T.: 7.341 min
Delta R.T.: 0.000 min
Response: 5243126
Conc: 27.08 ng/ml



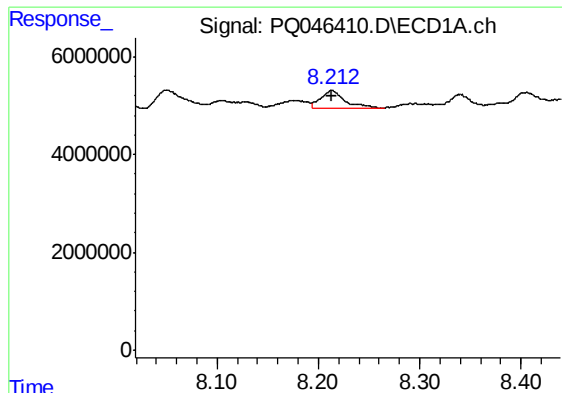
#30 AR-1254-5

R.T.: 8.771 min
Delta R.T.: 0.000 min
Response: 22272941
Conc: 65.34 ng/ml



#30 AR-1254-5

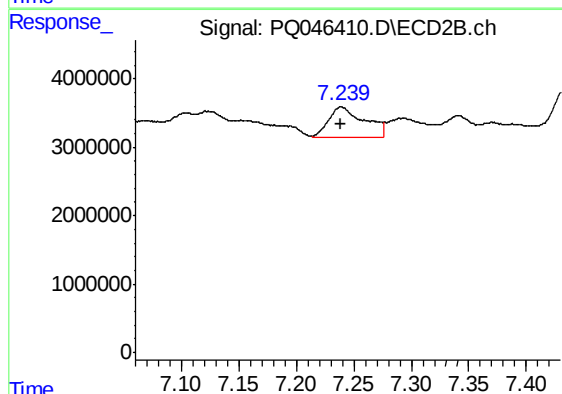
R.T.: 7.773 min
Delta R.T.: -0.002 min
Response: 12663530
Conc: 42.58 ng/ml



#31 AR-1260-1

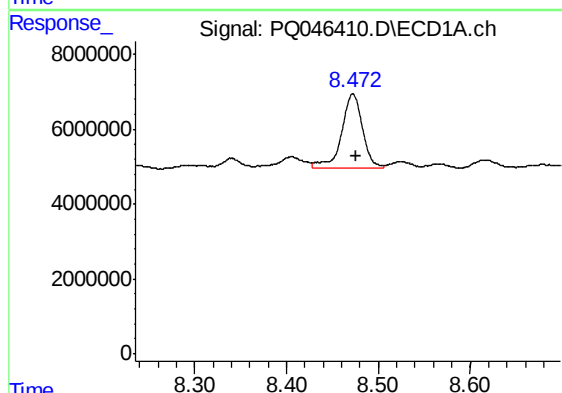
R.T.: 8.213 min
Delta R.T.: 0.000 min
Response: 6147529
Conc: 17.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



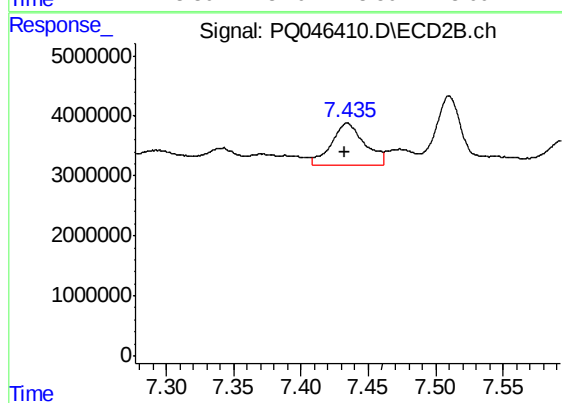
#31 AR-1260-1

R.T.: 7.239 min
Delta R.T.: 0.000 min
Response: 9646575
Conc: 40.88 ng/ml



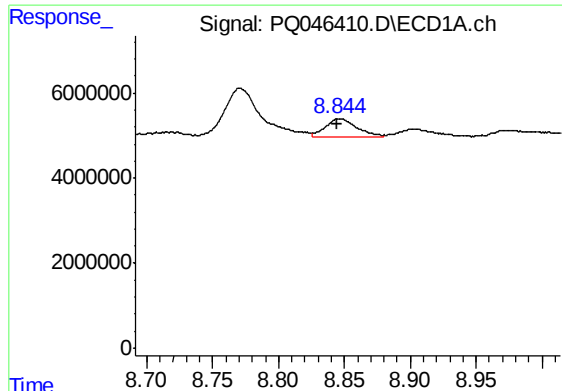
#32 AR-1260-2

R.T.: 8.472 min
Delta R.T.: -0.004 min
Response: 31956102
Conc: 76.76 ng/ml



#32 AR-1260-2

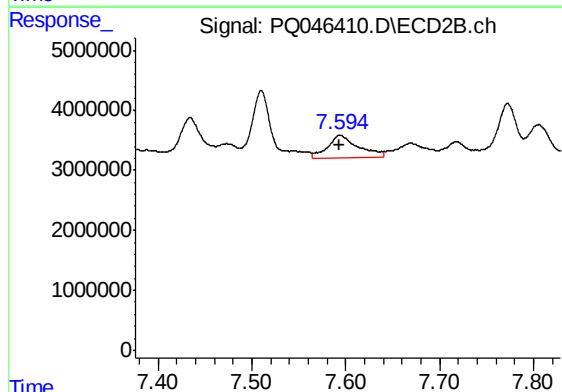
R.T.: 7.434 min
Delta R.T.: 0.002 min
Response: 11998866
Conc: 41.15 ng/ml



#33 AR-1260-3

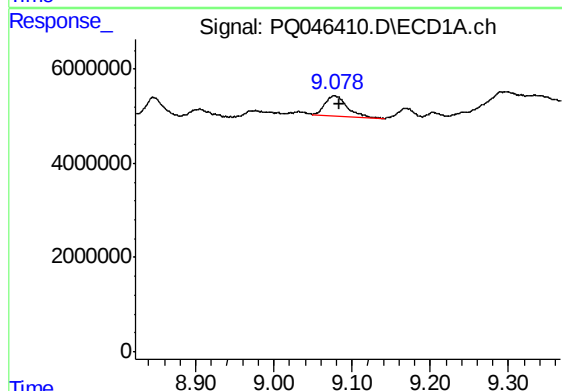
R.T.: 8.847 min
Delta R.T.: 0.003 min
Response: 6892643
Conc: 21.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



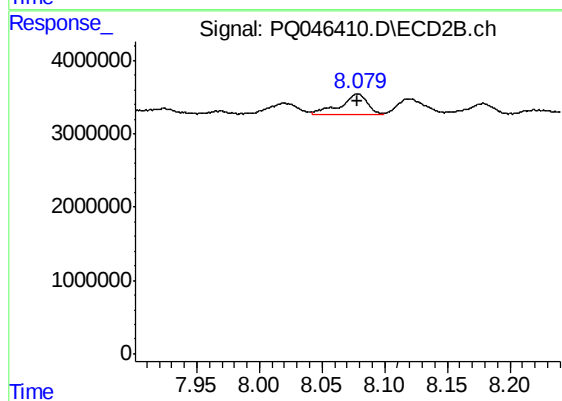
#33 AR-1260-3

R.T.: 7.594 min
Delta R.T.: 0.000 min
Response: 8506587
Conc: 29.97 ng/ml



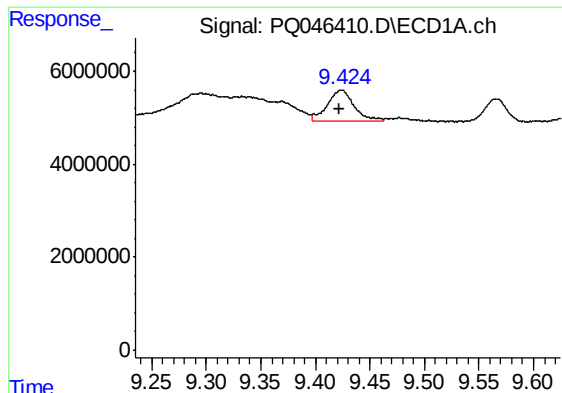
#34 AR-1260-4

R.T.: 9.078 min
Delta R.T.: -0.005 min
Response: 8138343
Conc: 23.39 ng/ml



#34 AR-1260-4

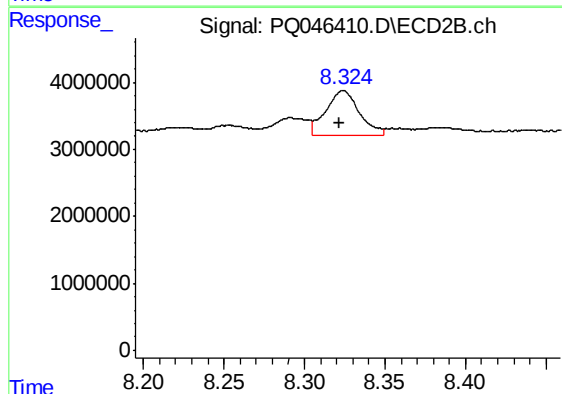
R.T.: 8.078 min
Delta R.T.: 0.000 min
Response: 4183181
Conc: 17.07 ng/ml



#35 AR-1260-5

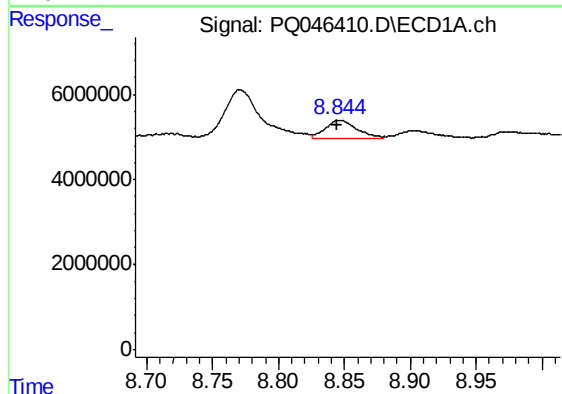
R.T.: 9.424 min
Delta R.T.: 0.001 min
Response: 11524513
Conc: 17.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



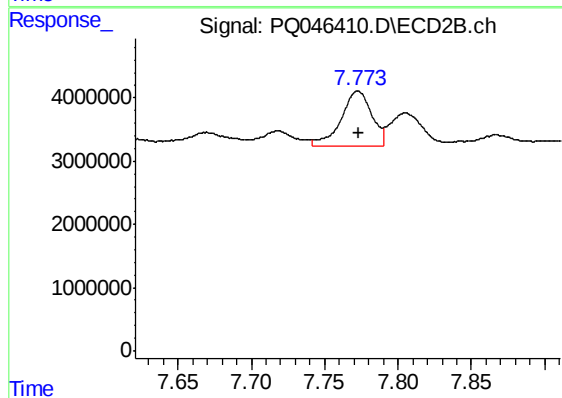
#35 AR-1260-5

R.T.: 8.324 min
Delta R.T.: 0.002 min
Response: 9705499
Conc: 15.67 ng/ml



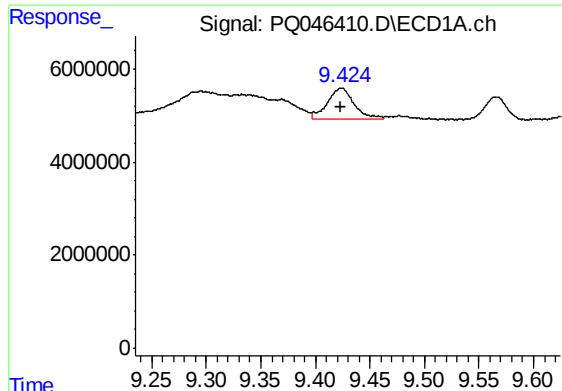
#36 AR-1262-1

R.T.: 8.847 min
Delta R.T.: 0.002 min
Response: 6892643
Conc: 15.70 ng/ml



#36 AR-1262-1

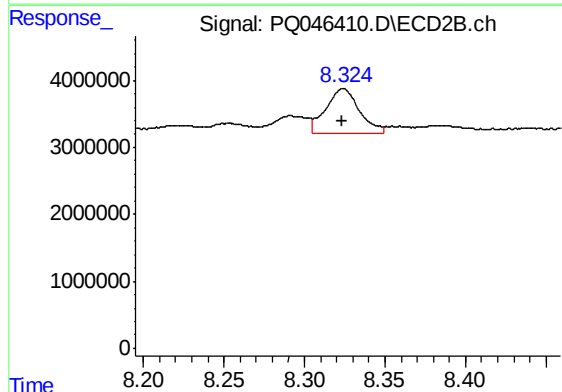
R.T.: 7.773 min
Delta R.T.: 0.000 min
Response: 12663530
Conc: 75.58 ng/ml



#37 AR-1262-2

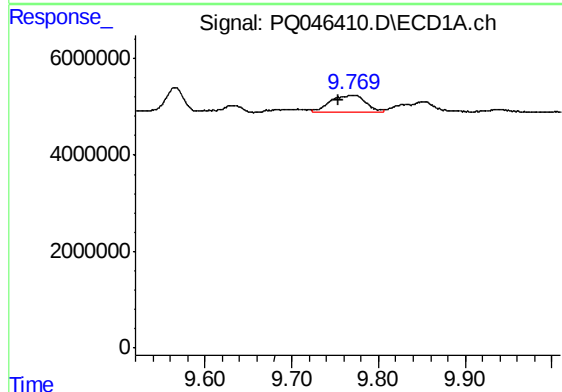
R.T.: 9.424 min
Delta R.T.: 0.000 min
Response: 11524513
Conc: 15.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



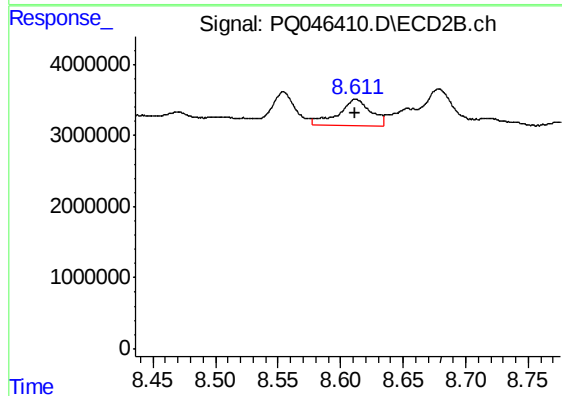
#37 AR-1262-2

R.T.: 8.324 min
Delta R.T.: 0.000 min
Response: 9705499
Conc: 14.50 ng/ml



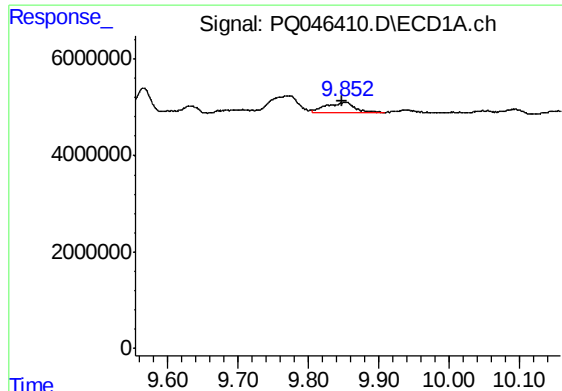
#38 AR-1262-3

R.T.: 9.770 min
Delta R.T.: 0.016 min
Response: 10307079
Conc: 20.69 ng/ml



#38 AR-1262-3

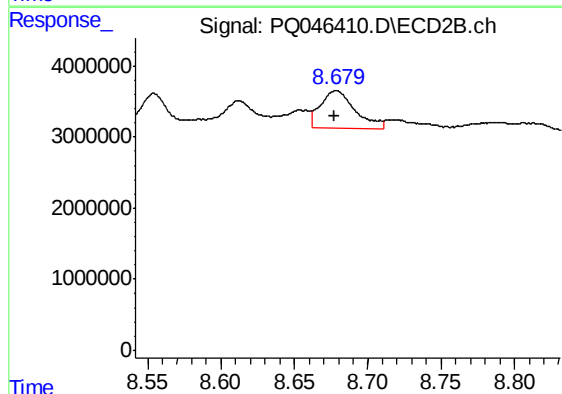
R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 6554730
Conc: 24.47 ng/ml



#39 AR-1262-4

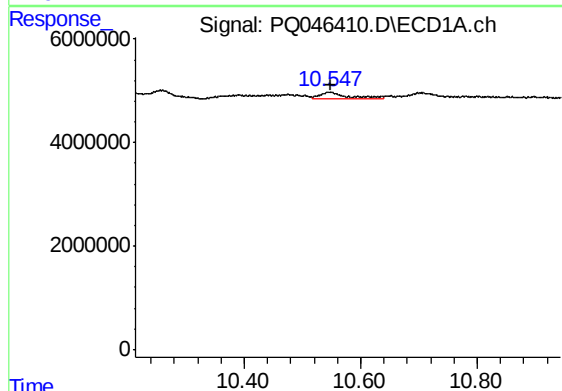
R.T.: 9.851 min
Delta R.T.: 0.003 min
Response: 6583409
Conc: 16.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



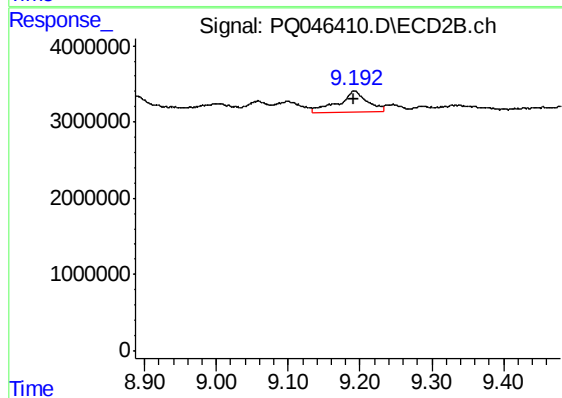
#39 AR-1262-4

R.T.: 8.679 min
Delta R.T.: 0.001 min
Response: 8511859
Conc: 16.16 ng/ml



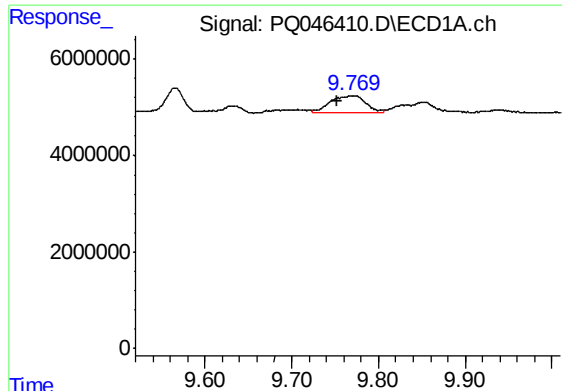
#40 AR-1262-5

R.T.: 10.546 min
Delta R.T.: -0.001 min
Response: 3691644
Conc: 13.31 ng/ml



#40 AR-1262-5

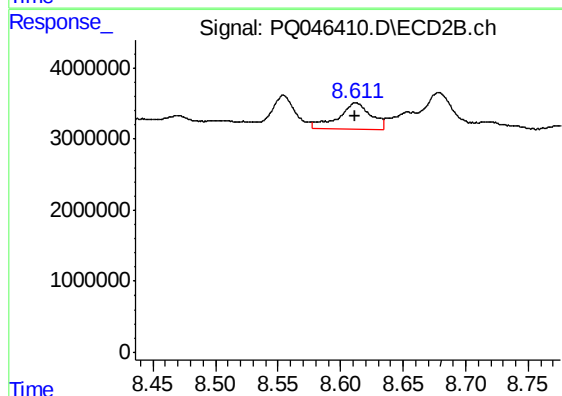
R.T.: 9.192 min
Delta R.T.: 0.000 min
Response: 7843371
Conc: 33.33 ng/ml



#41 AR-1268-1

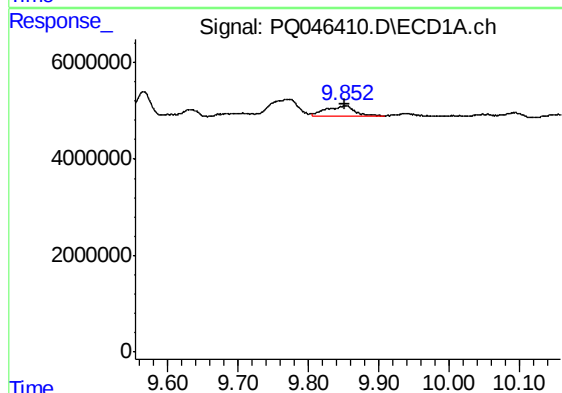
R.T.: 9.770 min
Delta R.T.: 0.018 min
Response: 10307079
Conc: 12.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



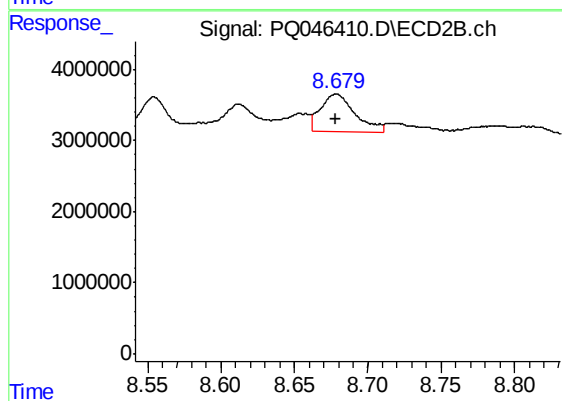
#41 AR-1268-1

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 6554730
Conc: 8.33 ng/ml



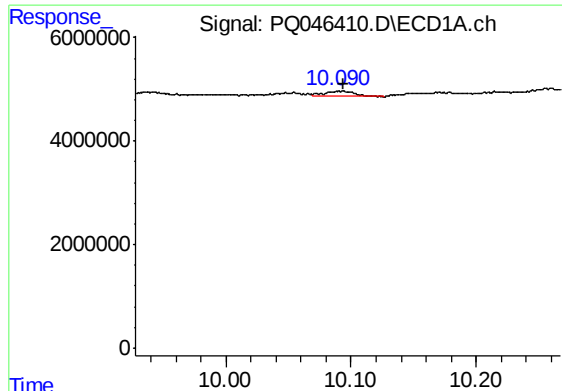
#42 AR-1268-2

R.T.: 9.851 min
Delta R.T.: 0.000 min
Response: 6583409
Conc: 8.06 ng/ml



#42 AR-1268-2

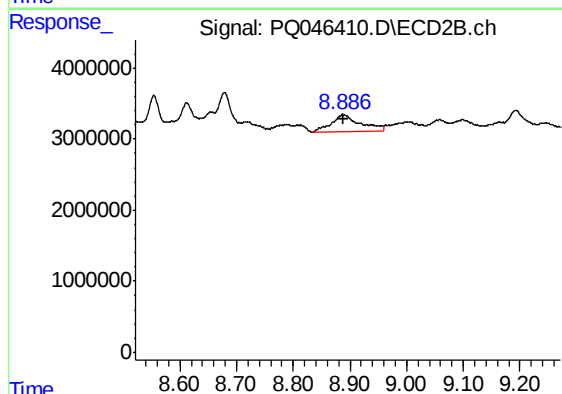
R.T.: 8.679 min
Delta R.T.: 0.000 min
Response: 8511859
Conc: 10.90 ng/ml



#43 AR-1268-3

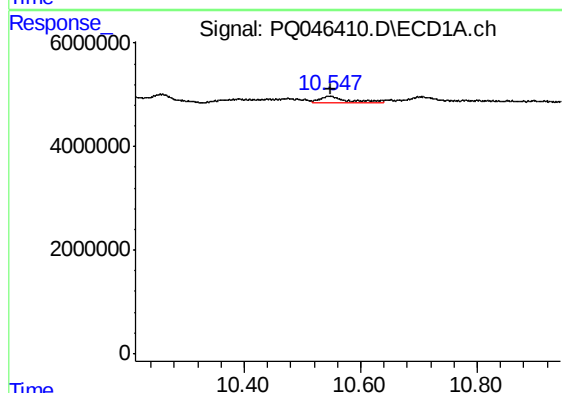
R.T.: 10.092 min
Delta R.T.: -0.002 min
Response: 1570347
Conc: 2.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



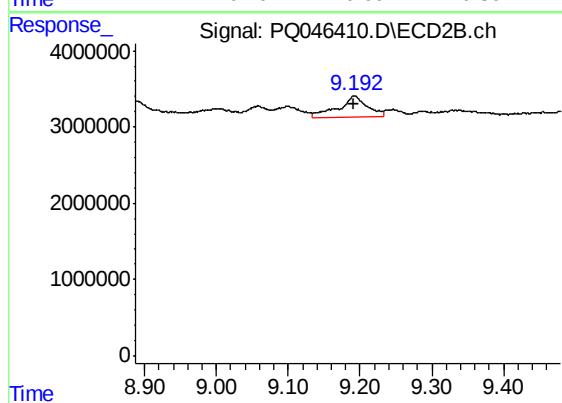
#43 AR-1268-3

R.T.: 8.887 min
Delta R.T.: -0.002 min
Response: 8904097
Conc: 14.04 ng/ml



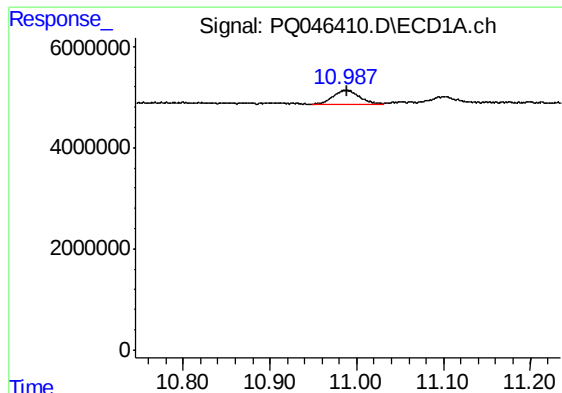
#44 AR-1268-4

R.T.: 10.546 min
Delta R.T.: -0.001 min
Response: 3691644
Conc: 11.95 ng/ml



#44 AR-1268-4

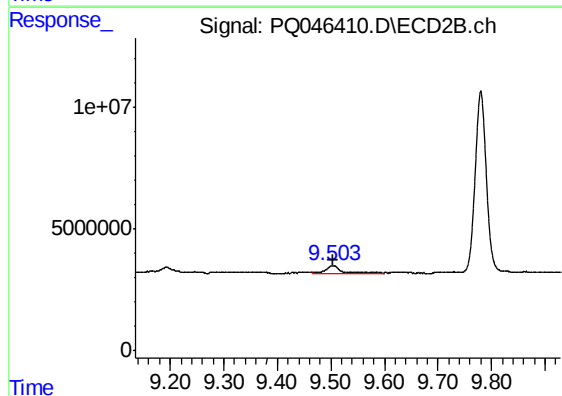
R.T.: 9.192 min
Delta R.T.: 0.000 min
Response: 7843371
Conc: 28.18 ng/ml



#45 AR-1268-5

R.T.: 10.988 min
Delta R.T.: -0.002 min
Response: 5536965
Conc: 2.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.504 min
Delta R.T.: 0.000 min
Response: 6169223
Conc: 2.89 ng/ml