

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ011020\
 Data File : PQ046113.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jan 2020 10:47
 Operator : AJ\MA
 Sample : AR1221CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 10 12:33:48 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ010920CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jan 10 04:36:14 2020
 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...	5.225	4.354	103.6E6	64653829	18.669	16.311
2)	SA Decachlor...	11.381	9.791	174.9E6	168.2E6	38.073	39.070
Target Compounds							
3)	L1 AR-1016-1	6.540	5.638	4822658	3210384	23.972	22.584
4)	L1 AR-1016-2	6.564	5.659	8128205	5793812	26.171	25.970
5)	L1 AR-1016-3	6.631	5.855	5974721	2499840	30.774	22.448 #
6)	L1 AR-1016-4	6.739	5.902	3993651	985934	25.540	10.332 #
7)	L1 AR-1016-5	7.055	6.137	1454838	1465088	9.558	11.801
8)	L2 AR-1221-1	5.469	4.619	22365225	14867130	339.172	350.648
9)	L2 AR-1221-2	5.568	4.722	15841486	10496171	339.706	352.185
10)	L2 AR-1221-3	5.655	4.813	54210002	36857670	347.110	351.305
11)	L3 AR-1232-1	5.655	4.813	54210002	36857670	462.536	468.377
12)	L3 AR-1232-2	6.246	5.659	4721712	5793812	75.360	62.295
13)	L3 AR-1232-3	6.564	5.855	8128205	2499840	63.652	56.981
14)	L3 AR-1232-4	6.739	5.947	3993651	1303780	62.530	31.033 #
15)	L3 AR-1232-5	6.836	6.137	1807050	1465088	35.962	32.151
16)	L4 AR-1242-1	6.540	5.638	4822658	3210384	30.661	29.233
17)	L4 AR-1242-2	6.564	5.659	8128205	5793812	33.197	33.355
18)	L4 AR-1242-3	6.631	5.855	5974721	2499840	39.217	28.860 #
19)	L4 AR-1242-4	6.739	5.947	3993651	1303780	32.620	14.360 #
20)	L4 AR-1242-5	7.521	6.518	1502486	1560688	10.998	12.790
21)	L5 AR-1248-1	6.540	5.638	4822658	3210384	37.615	36.105
22)	L5 AR-1248-2	6.836	5.902	1807050	985934	9.478	7.403
23)	L5 AR-1248-3	7.055	5.947	1454838	1303780	6.954	9.472 #
24)	L5 AR-1248-4	7.480	6.137	1317808	1465088	5.754	8.702 #
25)	L5 AR-1248-5	7.521	6.564	1502486	1841072	6.596	10.942 #
26)	L6 AR-1254-1	7.452	6.518	1133792	1560688	4.738	5.704
27)	L6 AR-1254-2	7.689	6.677	852771	597587	2.300	2.460
28)	L6 AR-1254-3	8.068	7.104	685975	484396	1.786	1.164 #
29)	L6 AR-1254-4	0.000	7.341	0	288097	N.D.	1.205 #
30)	L6 AR-1254-5	0.000	7.783	0	363857	N.D.	1.003 #
31)	L7 AR-1260-1	0.000	7.242	0	59539	N.D.	0.223 #
32)	L7 AR-1260-2	0.000	7.434	0	177485	N.D.	0.544 #
33)	L7 AR-1260-3	0.000	7.553	0	20795	N.D.	0.068 #
34)	L7 AR-1260-4	0.000	8.078	0	22268	N.D.	0.084 #
35)	L7 AR-1260-5	0.000	8.333	0	264395	N.D.	0.409 #
36)	L8 AR-1262-1	0.000	7.783	0	363857	N.D.	1.960 #
37)	L8 AR-1262-2	0.000	8.333	0	264395	N.D.	0.379 #
39)	L8 AR-1262-4	0.000	8.691	0	56543	N.D.	0.111 #
40)	L8 AR-1262-5	0.000	9.195	0	884933	N.D.	4.392 #
42)	L9 AR-1268-2	0.000	8.691	0	56543	N.D.	0.075 #
43)	L9 AR-1268-3	10.119	8.898	654885	863977	1.103	1.405 #

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 Response via : Initial Calibration
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	0.000	9.195	0	884933	N.D.	3.765 #
45) L9	AR-1268-5	11.016	9.514	956060	1219936	0.513	0.658 #

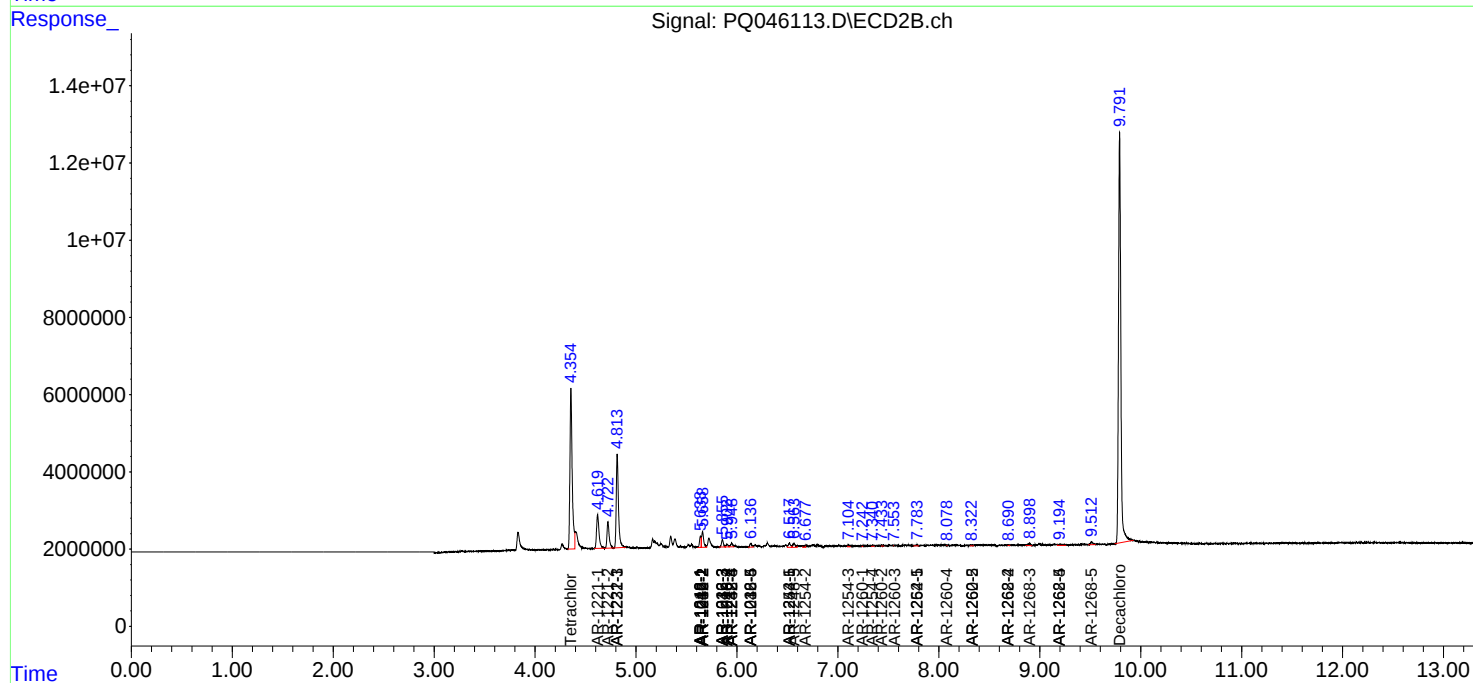
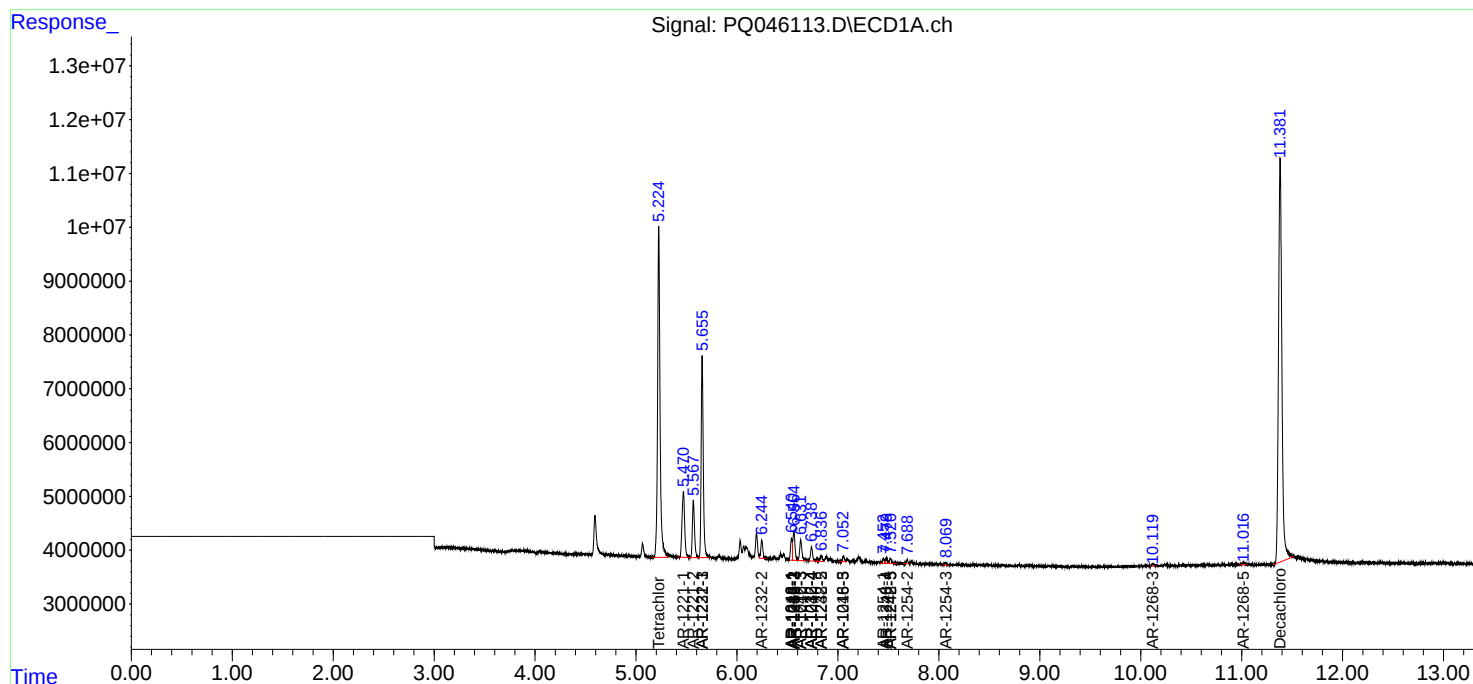
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

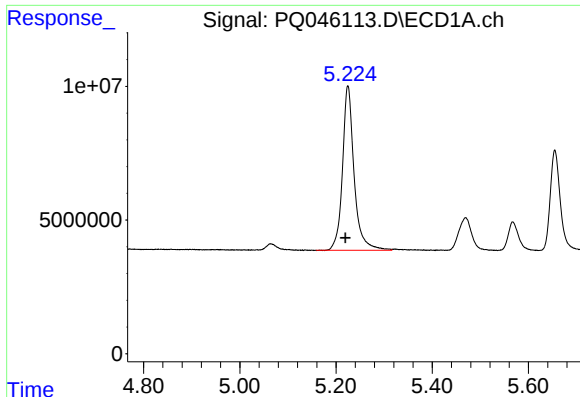
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ011020\
Data File : PQ046113.D
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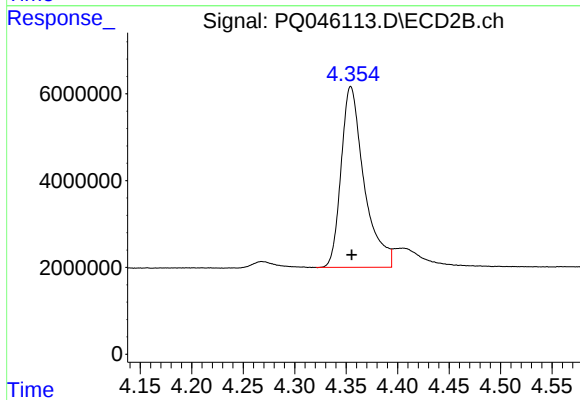




#1 Tetrachloro-m-xylene

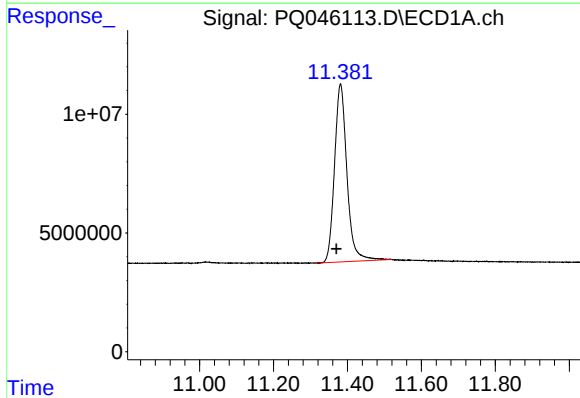
R.T.: 5.225 min
Delta R.T.: 0.005 min
Response: 103647114
Conc: 18.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



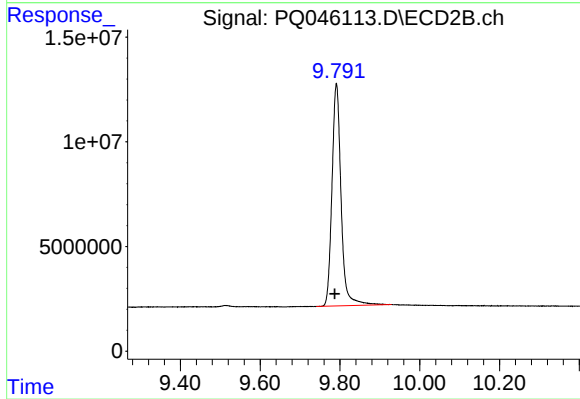
#1 Tetrachloro-m-xylene

R.T.: 4.354 min
Delta R.T.: -0.001 min
Response: 64653829
Conc: 16.31 ng/ml



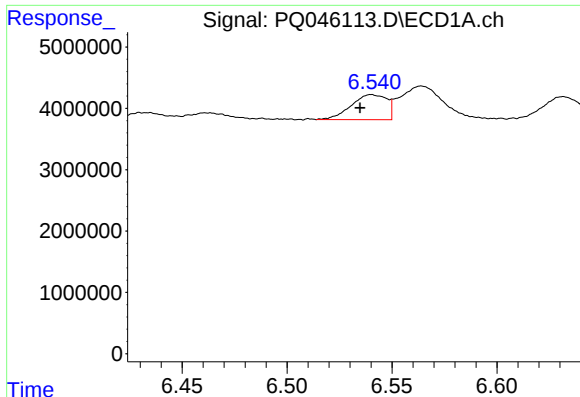
#2 Decachlorobiphenyl

R.T.: 11.381 min
Delta R.T.: 0.011 min
Response: 174896702
Conc: 38.07 ng/ml



#2 Decachlorobiphenyl

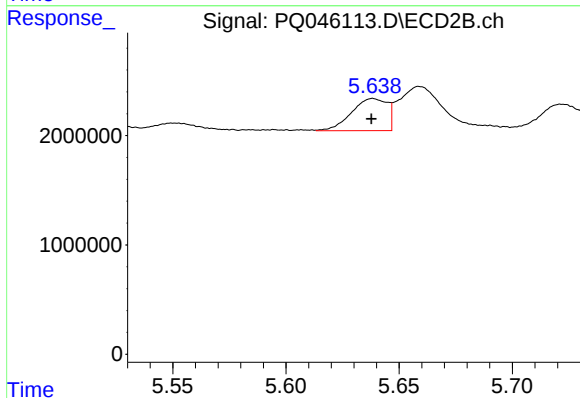
R.T.: 9.791 min
Delta R.T.: 0.004 min
Response: 168214220
Conc: 39.07 ng/ml



#3 AR-1016-1

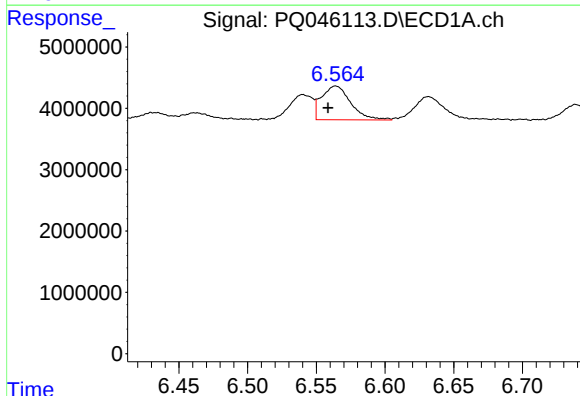
R.T.: 6.540 min
Delta R.T.: 0.006 min
Response: 4822658
Conc: 23.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



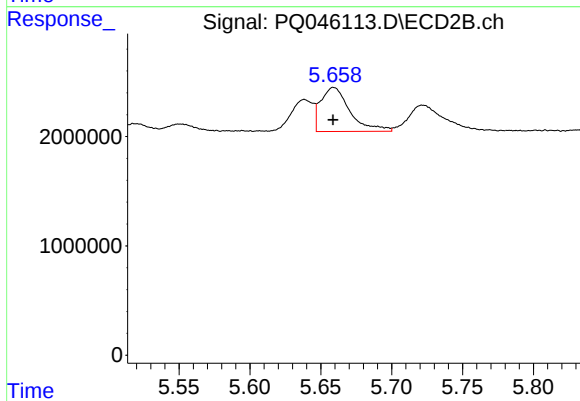
#3 AR-1016-1

R.T.: 5.638 min
Delta R.T.: 0.000 min
Response: 3210384
Conc: 22.58 ng/ml



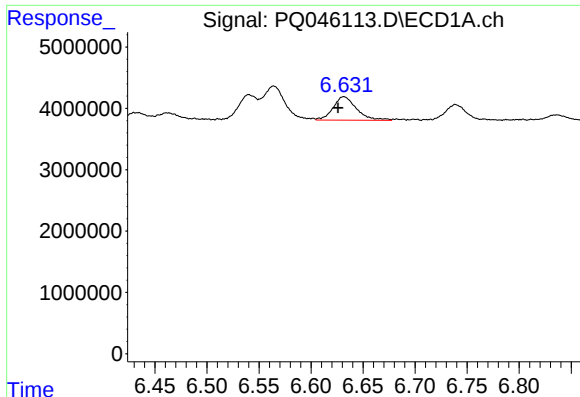
#4 AR-1016-2

R.T.: 6.564 min
Delta R.T.: 0.006 min
Response: 8128205
Conc: 26.17 ng/ml



#4 AR-1016-2

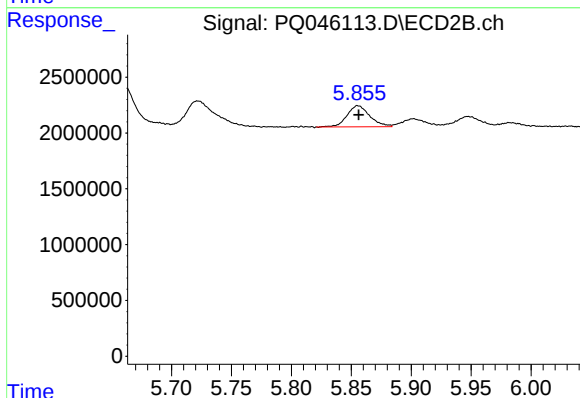
R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 5793812
Conc: 25.97 ng/ml



#5 AR-1016-3

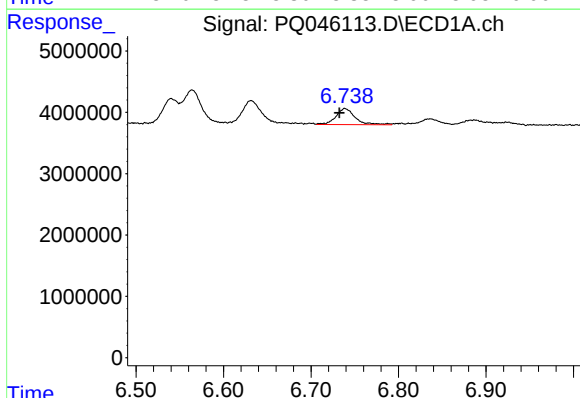
R.T.: 6.631 min
Delta R.T.: 0.005 min
Response: 5974721
Conc: 30.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



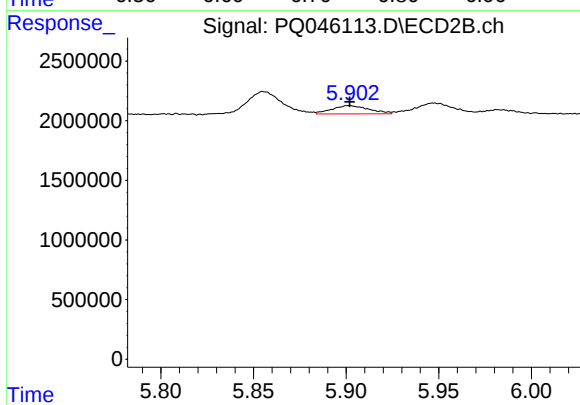
#5 AR-1016-3

R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 2499840
Conc: 22.45 ng/ml



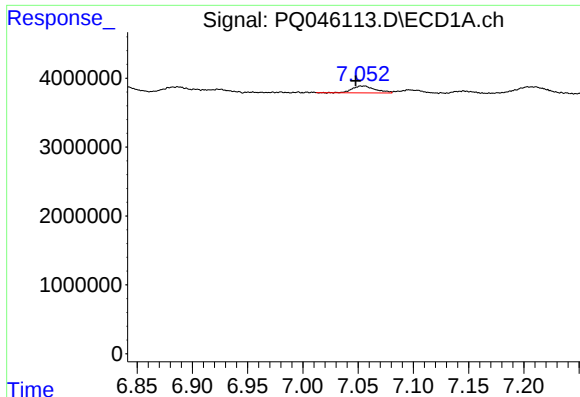
#6 AR-1016-4

R.T.: 6.739 min
Delta R.T.: 0.006 min
Response: 3993651
Conc: 25.54 ng/ml



#6 AR-1016-4

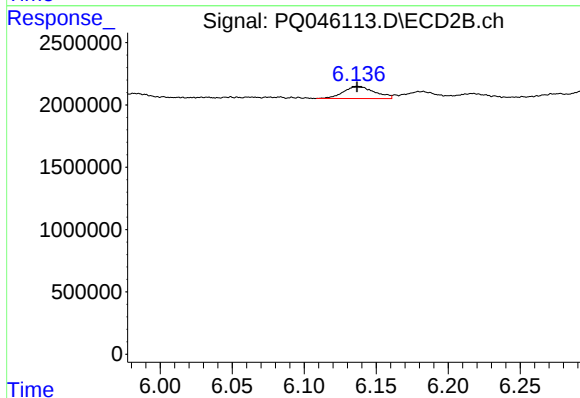
R.T.: 5.902 min
Delta R.T.: 0.000 min
Response: 985934
Conc: 10.33 ng/ml



#7 AR-1016-5

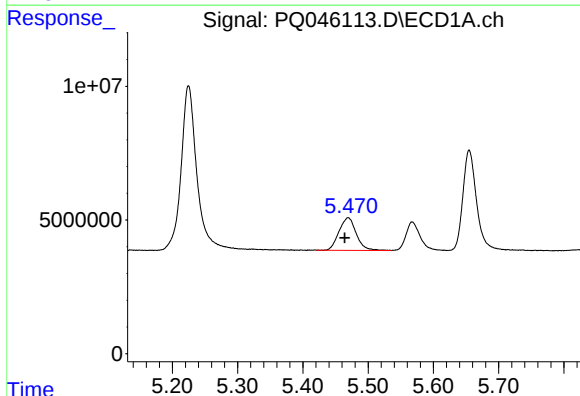
R.T.: 7.055 min
Delta R.T.: 0.007 min
Response: 1454838
Conc: 9.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



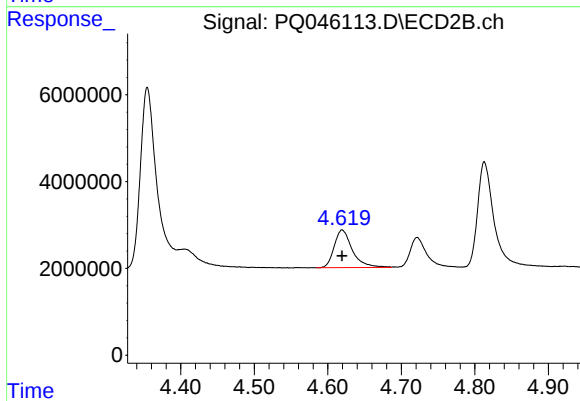
#7 AR-1016-5

R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 1465088
Conc: 11.80 ng/ml



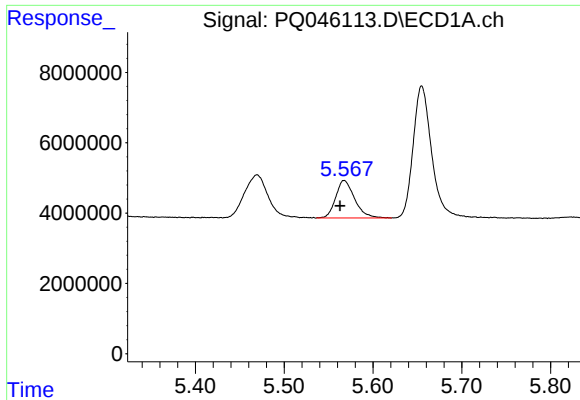
#8 AR-1221-1

R.T.: 5.469 min
Delta R.T.: 0.005 min
Response: 22365225
Conc: 339.17 ng/ml



#8 AR-1221-1

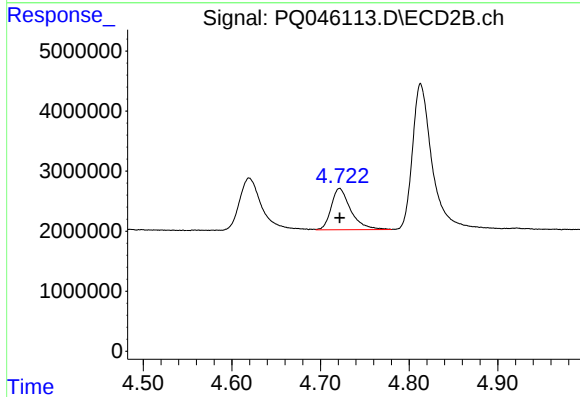
R.T.: 4.619 min
Delta R.T.: 0.000 min
Response: 14867130
Conc: 350.65 ng/ml



#9 AR-1221-2

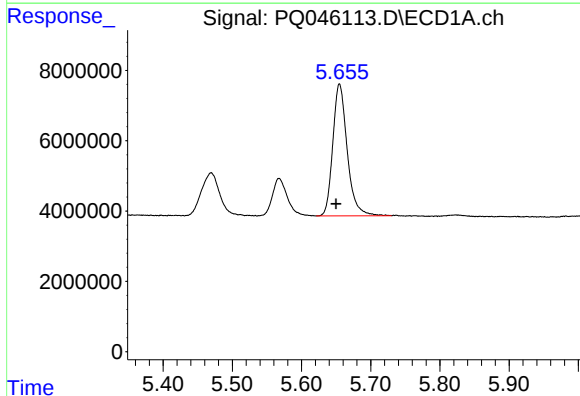
R.T.: 5.568 min
Delta R.T.: 0.005 min
Response: 15841486
Conc: 339.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



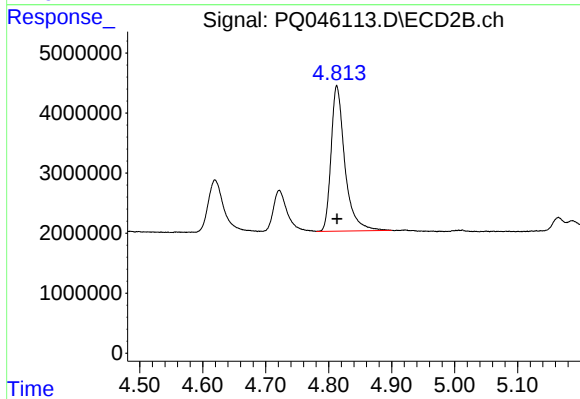
#9 AR-1221-2

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 10496171
Conc: 352.18 ng/ml



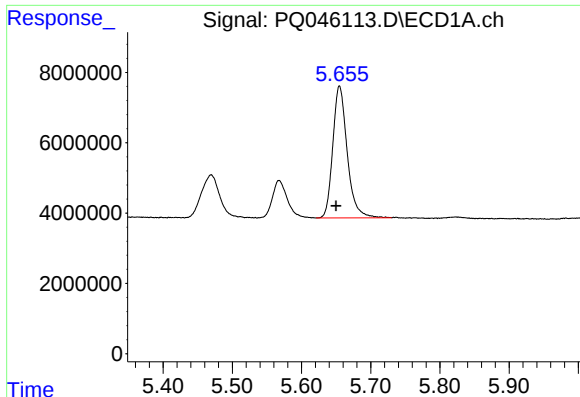
#10 AR-1221-3

R.T.: 5.655 min
Delta R.T.: 0.005 min
Response: 54210002
Conc: 347.11 ng/ml



#10 AR-1221-3

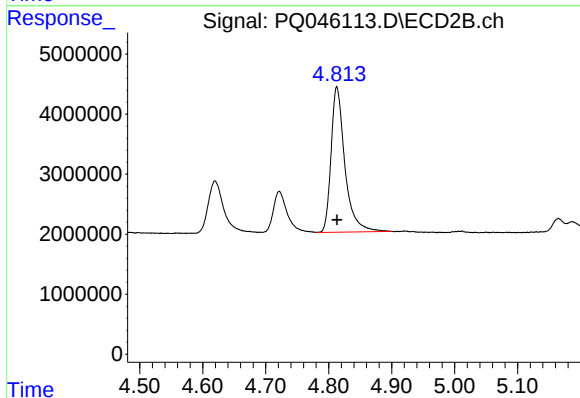
R.T.: 4.813 min
Delta R.T.: 0.000 min
Response: 36857670
Conc: 351.31 ng/ml



#11 AR-1232-1

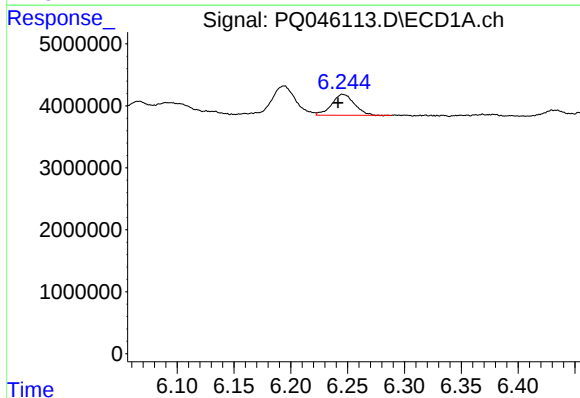
R.T.: 5.655 min
Delta R.T.: 0.005 min
Response: 54210002
Conc: 462.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



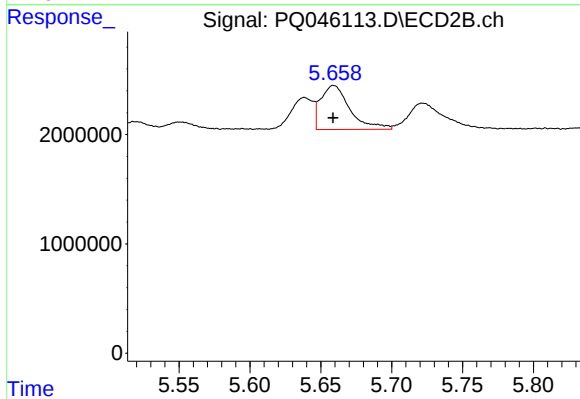
#11 AR-1232-1

R.T.: 4.813 min
Delta R.T.: 0.000 min
Response: 36857670
Conc: 468.38 ng/ml



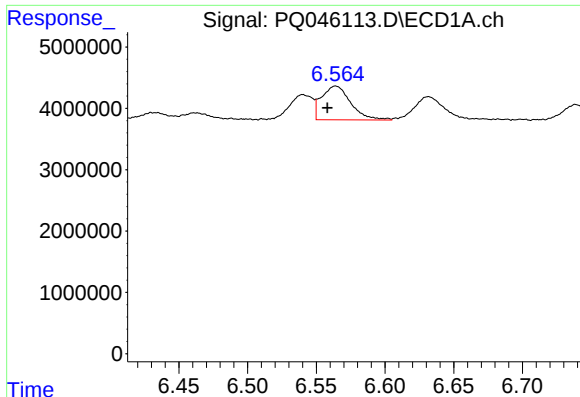
#12 AR-1232-2

R.T.: 6.246 min
Delta R.T.: 0.004 min
Response: 4721712
Conc: 75.36 ng/ml



#12 AR-1232-2

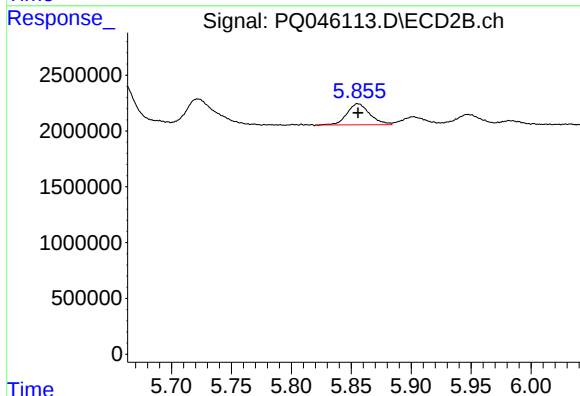
R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 5793812
Conc: 62.30 ng/ml



#13 AR-1232-3

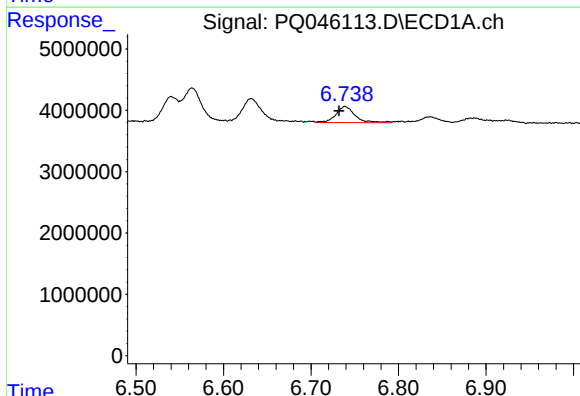
R.T.: 6.564 min
Delta R.T.: 0.006 min
Response: 8128205
Conc: 63.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



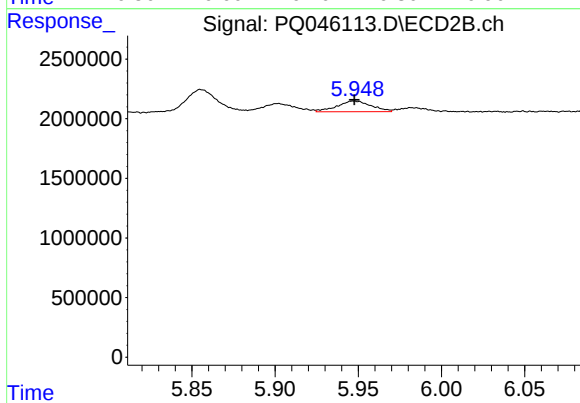
#13 AR-1232-3

R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 2499840
Conc: 56.98 ng/ml



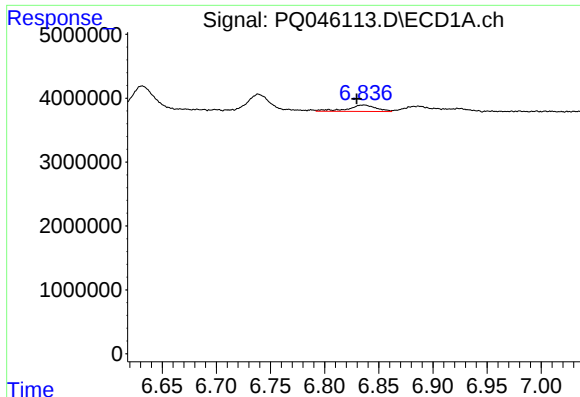
#14 AR-1232-4

R.T.: 6.739 min
Delta R.T.: 0.007 min
Response: 3993651
Conc: 62.53 ng/ml



#14 AR-1232-4

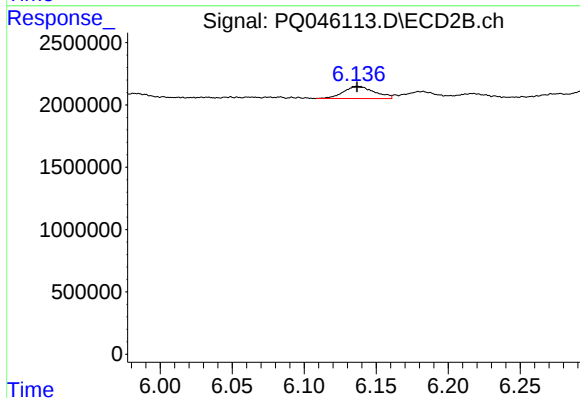
R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 1303780
Conc: 31.03 ng/ml



#15 AR-1232-5

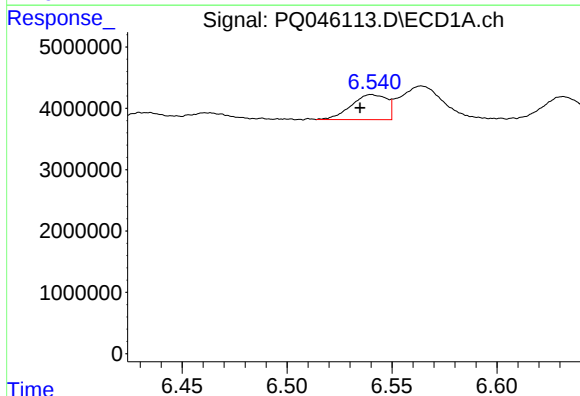
R.T.: 6.836 min
Delta R.T.: 0.007 min
Response: 1807050
Conc: 35.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



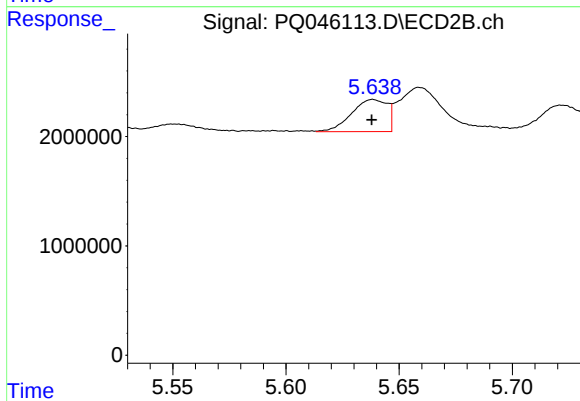
#15 AR-1232-5

R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 1465088
Conc: 32.15 ng/ml



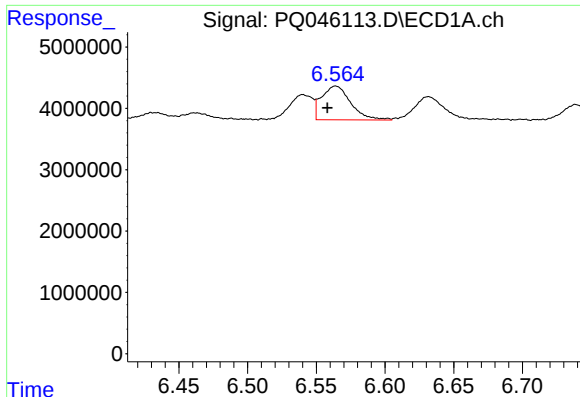
#16 AR-1242-1

R.T.: 6.540 min
Delta R.T.: 0.005 min
Response: 4822658
Conc: 30.66 ng/ml



#16 AR-1242-1

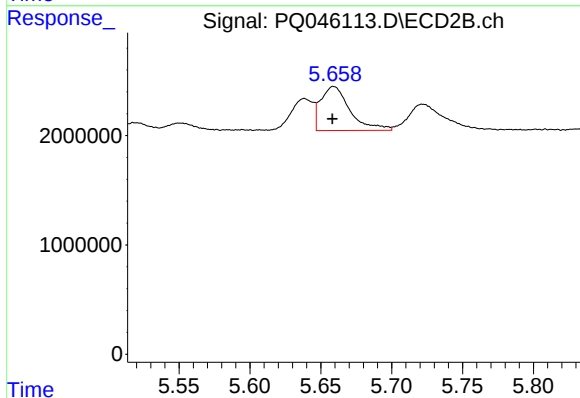
R.T.: 5.638 min
Delta R.T.: 0.000 min
Response: 3210384
Conc: 29.23 ng/ml



#17 AR-1242-2

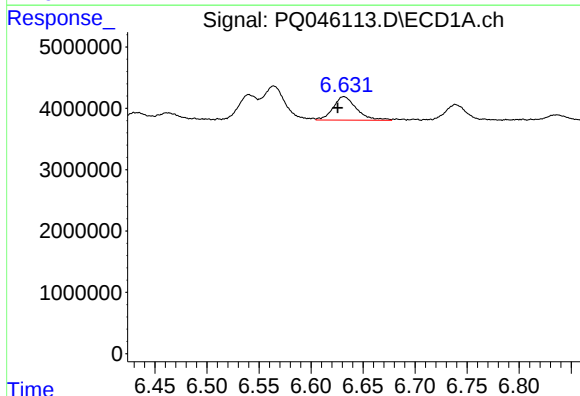
R.T.: 6.564 min
Delta R.T.: 0.006 min
Response: 8128205
Conc: 33.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



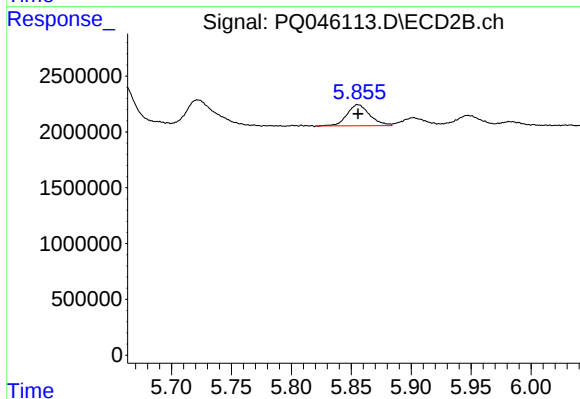
#17 AR-1242-2

R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 5793812
Conc: 33.36 ng/ml



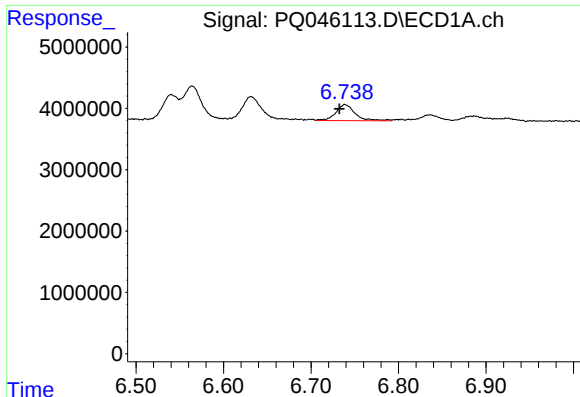
#18 AR-1242-3

R.T.: 6.631 min
Delta R.T.: 0.006 min
Response: 5974721
Conc: 39.22 ng/ml



#18 AR-1242-3

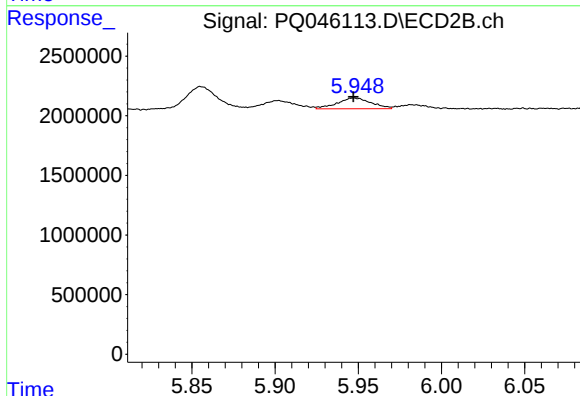
R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 2499840
Conc: 28.86 ng/ml



#19 AR-1242-4

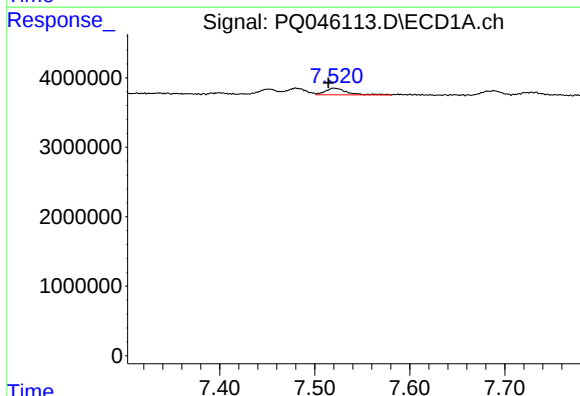
R.T.: 6.739 min
Delta R.T.: 0.006 min
Response: 3993651
Conc: 32.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



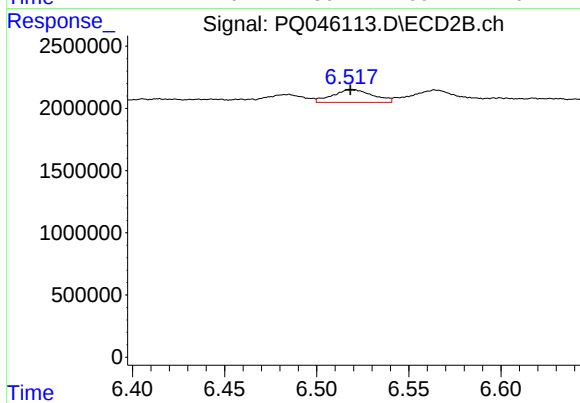
#19 AR-1242-4

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 1303780
Conc: 14.36 ng/ml



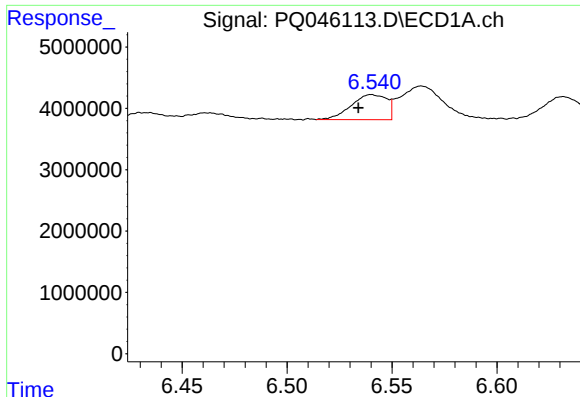
#20 AR-1242-5

R.T.: 7.521 min
Delta R.T.: 0.006 min
Response: 1502486
Conc: 11.00 ng/ml



#20 AR-1242-5

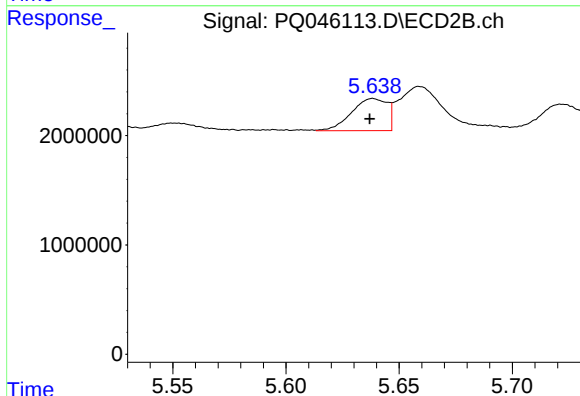
R.T.: 6.518 min
Delta R.T.: 0.000 min
Response: 1560688
Conc: 12.79 ng/ml



#21 AR-1248-1

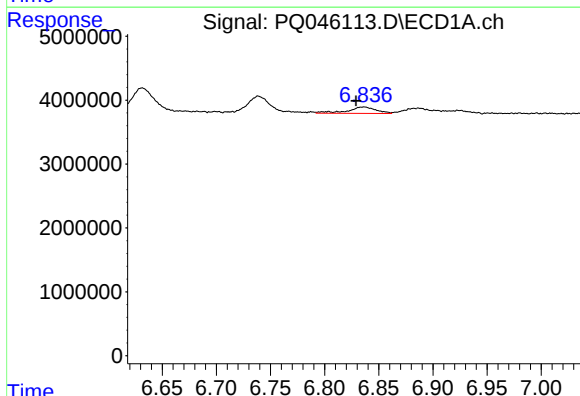
R.T.: 6.540 min
Delta R.T.: 0.006 min
Response: 4822658
Conc: 37.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



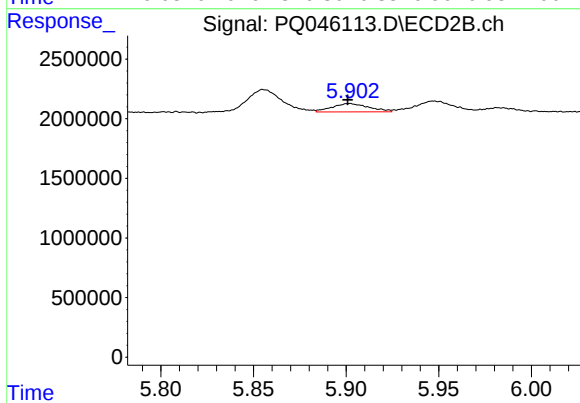
#21 AR-1248-1

R.T.: 5.638 min
Delta R.T.: 0.001 min
Response: 3210384
Conc: 36.11 ng/ml



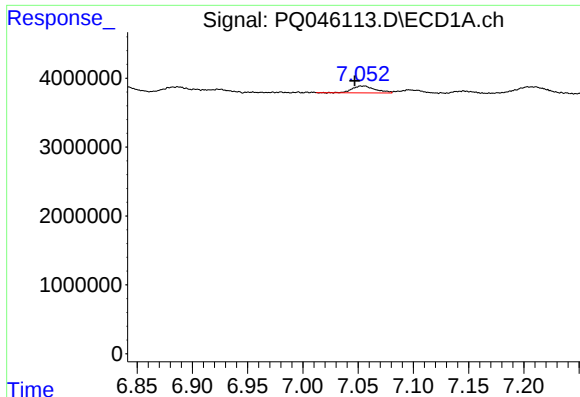
#22 AR-1248-2

R.T.: 6.836 min
Delta R.T.: 0.007 min
Response: 1807050
Conc: 9.48 ng/ml



#22 AR-1248-2

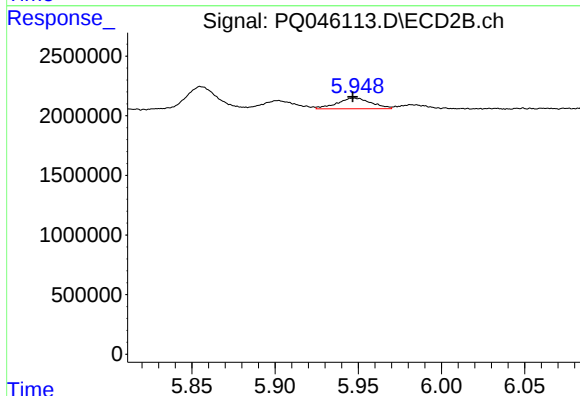
R.T.: 5.902 min
Delta R.T.: 0.001 min
Response: 985934
Conc: 7.40 ng/ml



#23 AR-1248-3

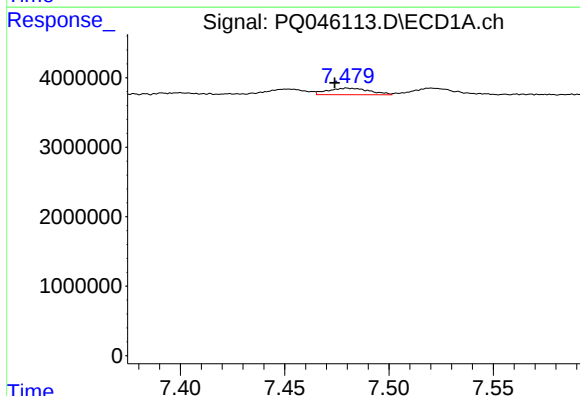
R.T.: 7.055 min
Delta R.T.: 0.008 min
Response: 1454838
Conc: 6.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



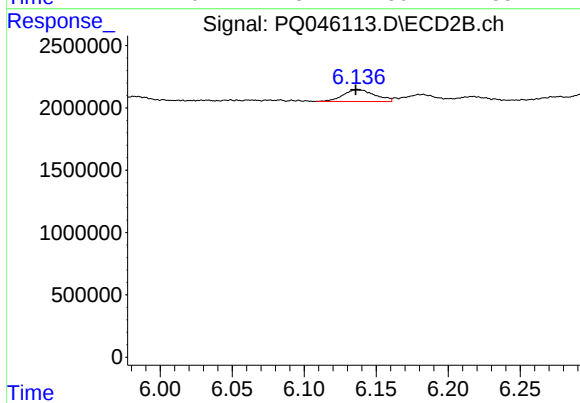
#23 AR-1248-3

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 1303780
Conc: 9.47 ng/ml



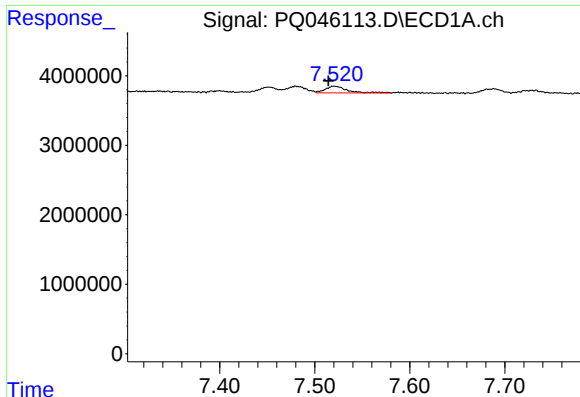
#24 AR-1248-4

R.T.: 7.480 min
Delta R.T.: 0.006 min
Response: 1317808
Conc: 5.75 ng/ml



#24 AR-1248-4

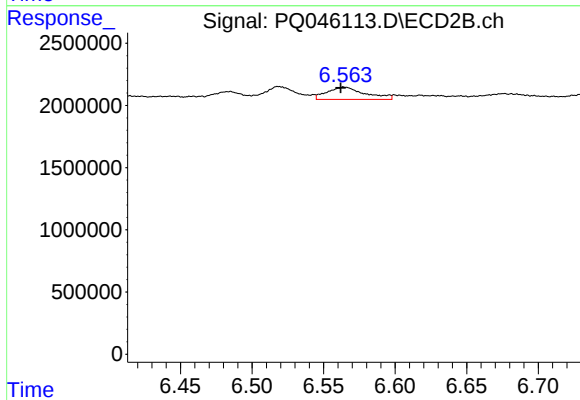
R.T.: 6.137 min
Delta R.T.: 0.001 min
Response: 1465088
Conc: 8.70 ng/ml



#25 AR-1248-5

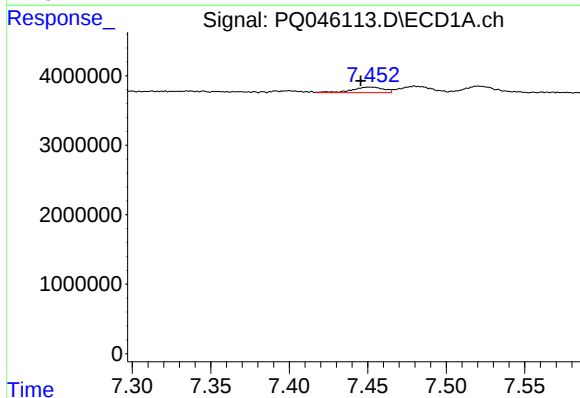
R.T.: 7.521 min
Delta R.T.: 0.006 min
Response: 1502486
Conc: 6.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



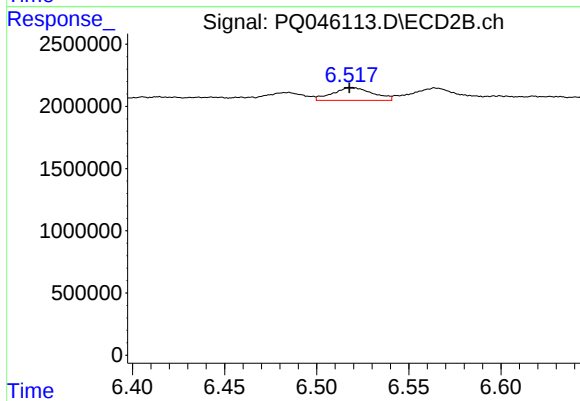
#25 AR-1248-5

R.T.: 6.564 min
Delta R.T.: 0.002 min
Response: 1841072
Conc: 10.94 ng/ml



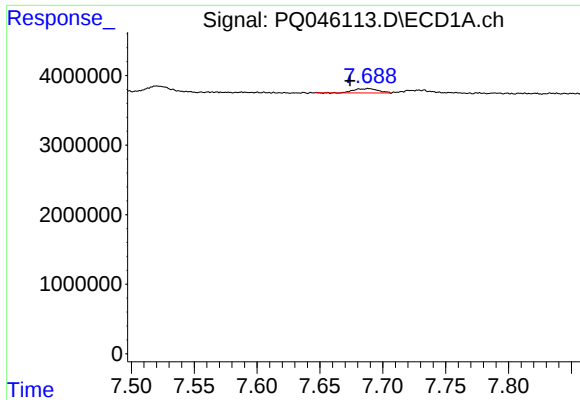
#26 AR-1254-1

R.T.: 7.452 min
Delta R.T.: 0.006 min
Response: 1133792
Conc: 4.74 ng/ml



#26 AR-1254-1

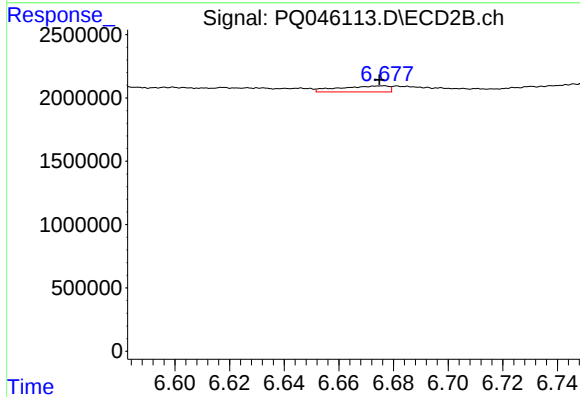
R.T.: 6.518 min
Delta R.T.: 0.000 min
Response: 1560688
Conc: 5.70 ng/ml



#27 AR-1254-2

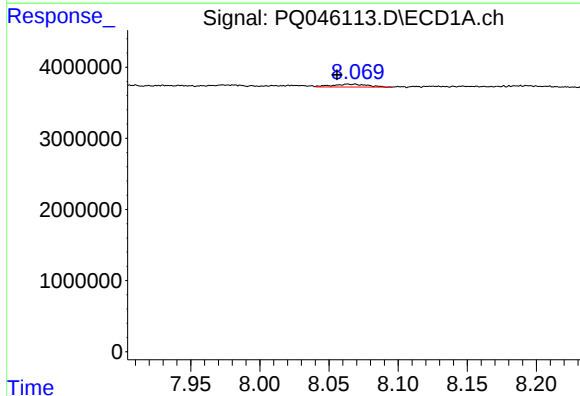
R.T.: 7.689 min
Delta R.T.: 0.015 min
Response: 852771
Conc: 2.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



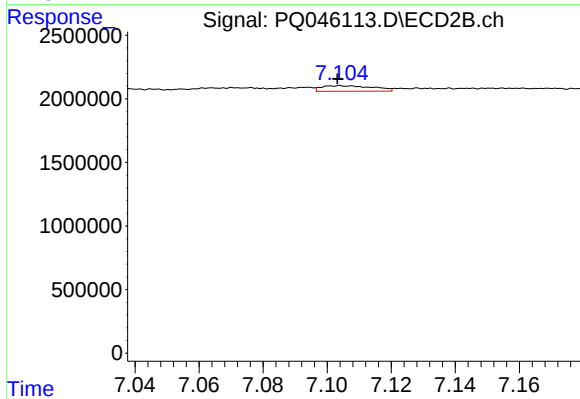
#27 AR-1254-2

R.T.: 6.677 min
Delta R.T.: 0.002 min
Response: 597587
Conc: 2.46 ng/ml



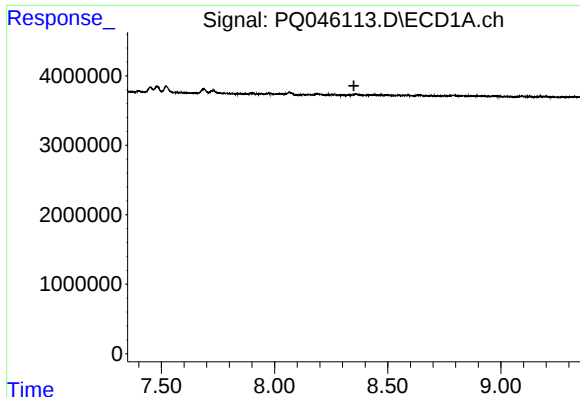
#28 AR-1254-3

R.T.: 8.068 min
Delta R.T.: 0.013 min
Response: 685975
Conc: 1.79 ng/ml



#28 AR-1254-3

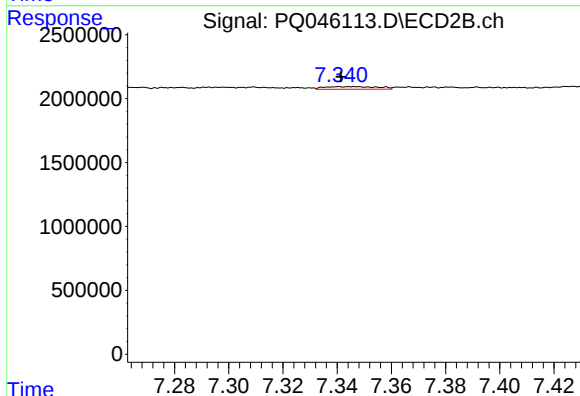
R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 484396
Conc: 1.16 ng/ml



#29 AR-1254-4

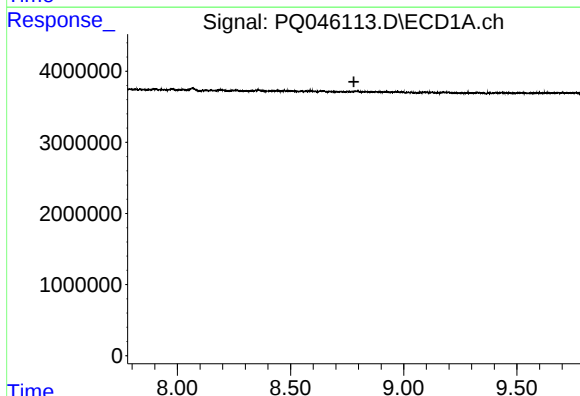
R.T.: 0.000 min
Exp R.T.: 8.350 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



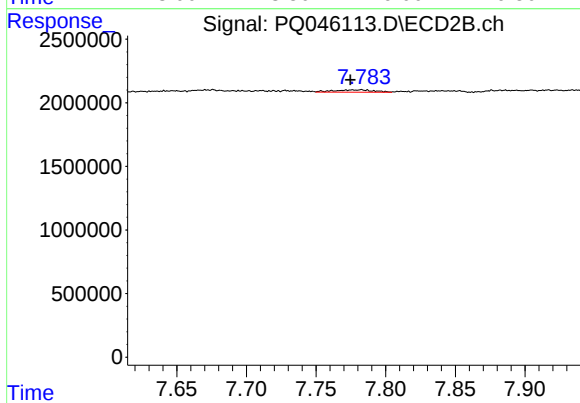
#29 AR-1254-4

R.T.: 7.341 min
Delta R.T.: 0.000 min
Response: 288097
Conc: 1.20 ng/ml



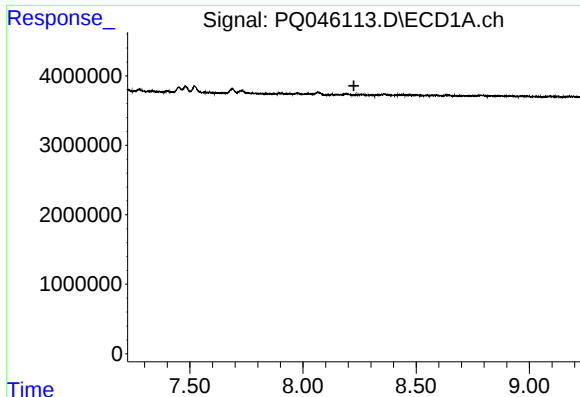
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 8.780 min
Response: 0
Conc: N.D.



#30 AR-1254-5

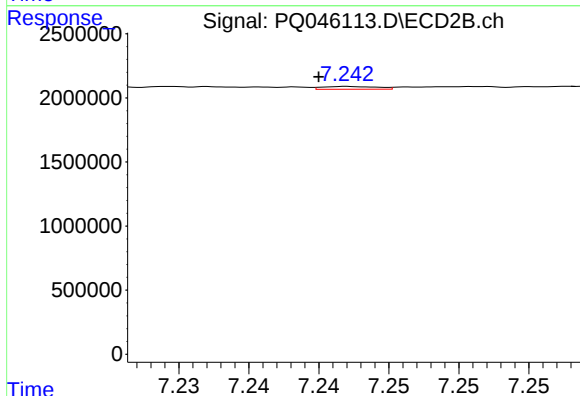
R.T.: 7.783 min
Delta R.T.: 0.008 min
Response: 363857
Conc: 1.00 ng/ml



#31 AR-1260-1

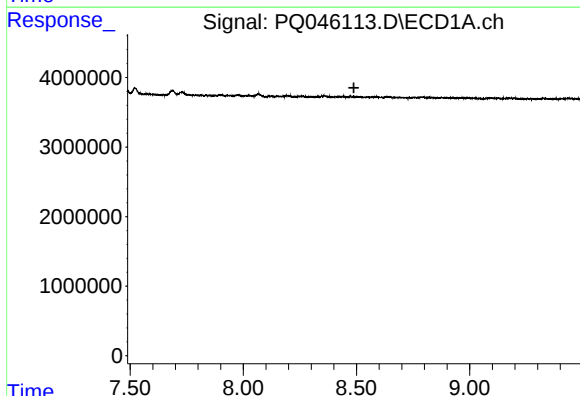
R.T.: 0.000 min
Exp R.T.: 8.225 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



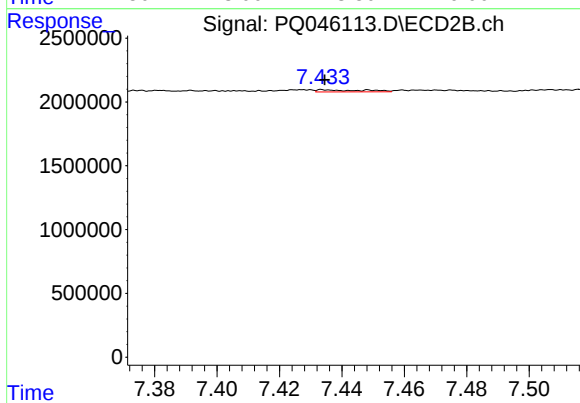
#31 AR-1260-1

R.T.: 7.242 min
Delta R.T.: 0.002 min
Response: 59539
Conc: 0.22 ng/ml



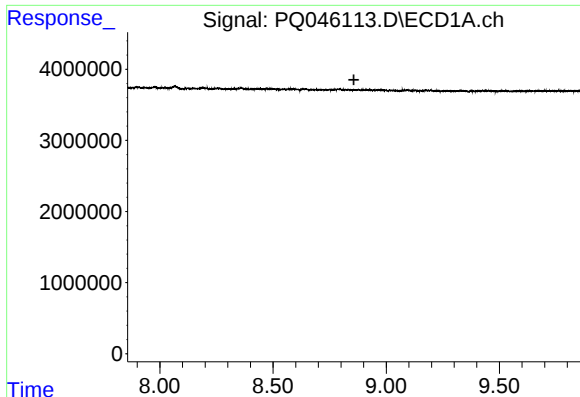
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 8.489 min
Response: 0
Conc: N.D.



#32 AR-1260-2

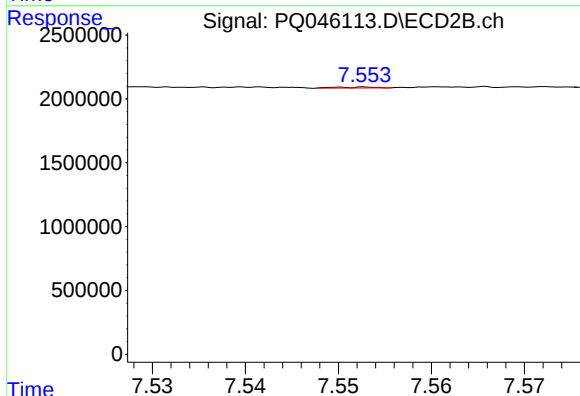
R.T.: 7.434 min
Delta R.T.: 0.000 min
Response: 177485
Conc: 0.54 ng/ml



#33 AR-1260-3

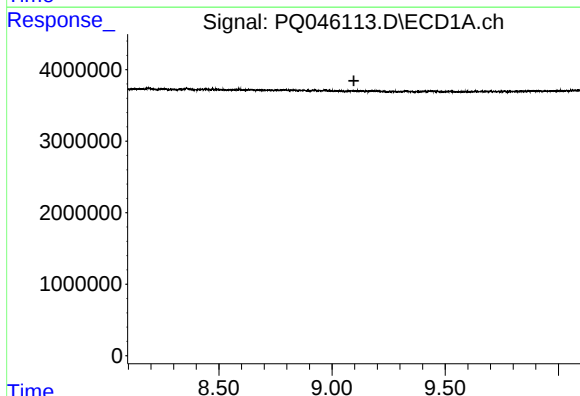
R.T.: 0.000 min
Exp R.T. : 8.857 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



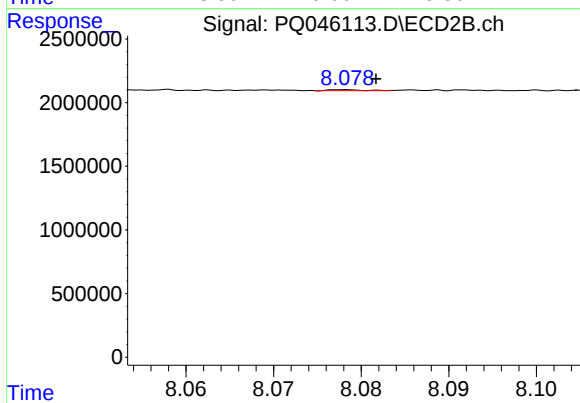
#33 AR-1260-3

R.T.: 7.553 min
Delta R.T.: -0.043 min
Response: 20795
Conc: 0.07 ng/ml



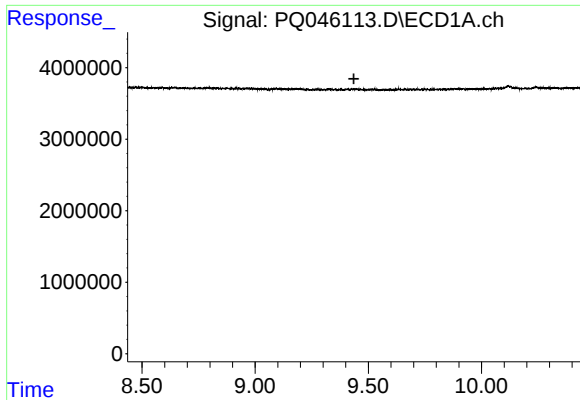
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 9.096 min
Response: 0
Conc: N.D.



#34 AR-1260-4

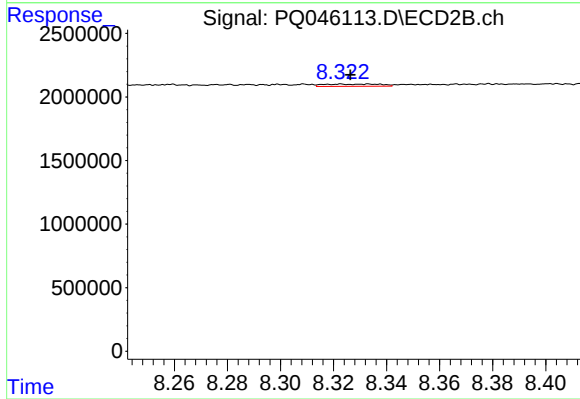
R.T.: 8.078 min
Delta R.T.: -0.004 min
Response: 22268
Conc: 0.08 ng/ml



#35 AR-1260-5

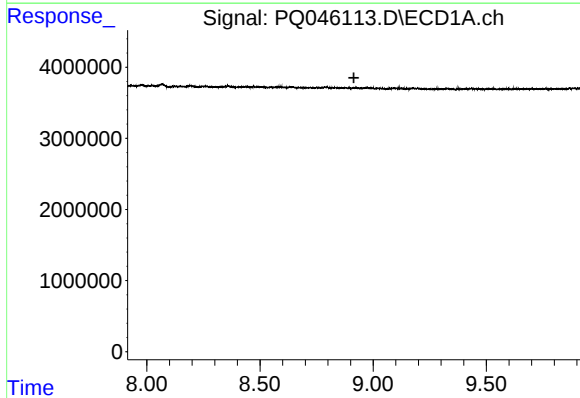
R.T.: 0.000 min
Exp R.T. : 9.436 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



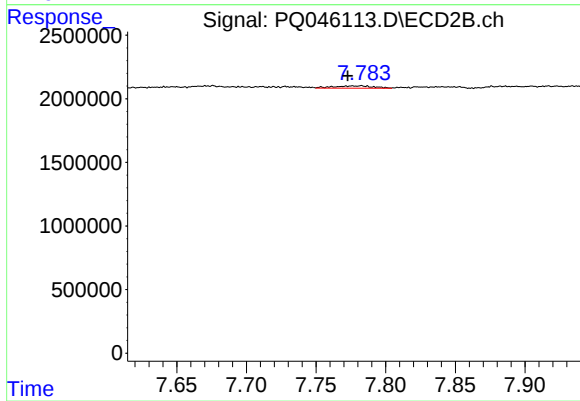
#35 AR-1260-5

R.T.: 8.333 min
Delta R.T.: 0.007 min
Response: 264395
Conc: 0.41 ng/ml



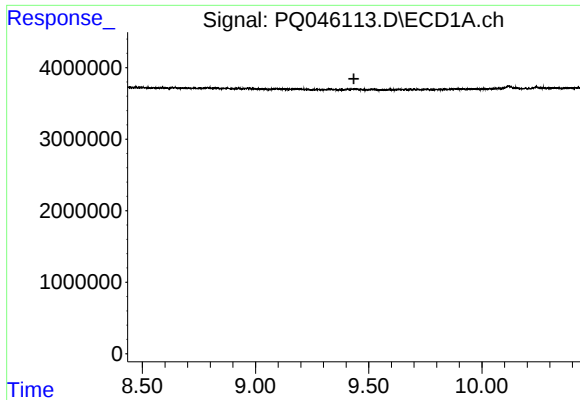
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.915 min
Response: 0
Conc: N.D.



#36 AR-1262-1

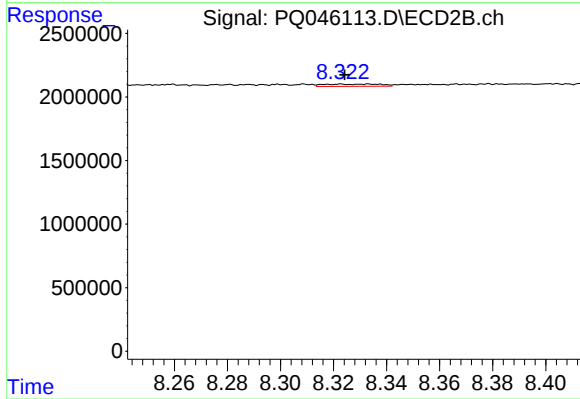
R.T.: 7.783 min
Delta R.T.: 0.010 min
Response: 363857
Conc: 1.96 ng/ml



#37 AR-1262-2

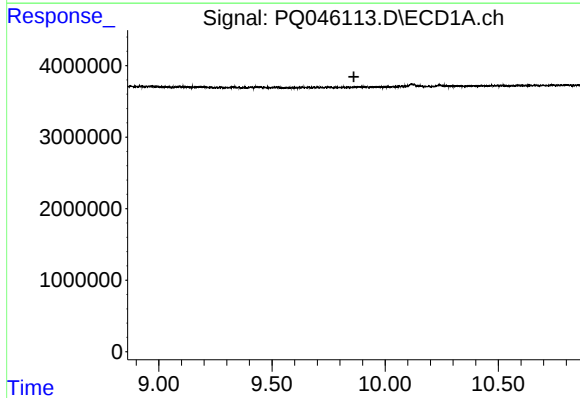
R.T.: 0.000 min
Exp R.T. : 9.434 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



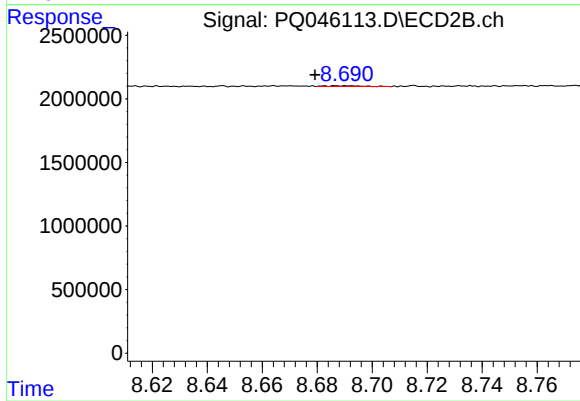
#37 AR-1262-2

R.T.: 8.333 min
Delta R.T.: 0.009 min
Response: 264395
Conc: 0.38 ng/ml



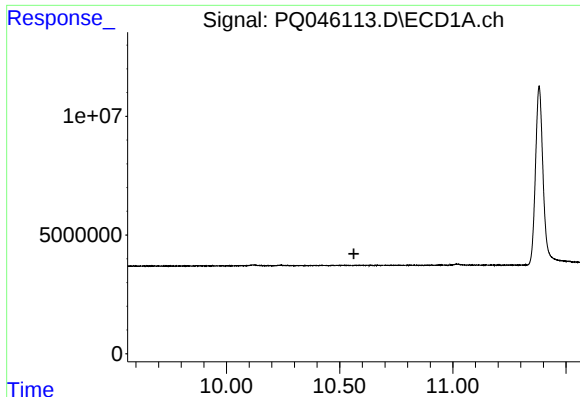
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 9.862 min
Response: 0
Conc: N.D.



#39 AR-1262-4

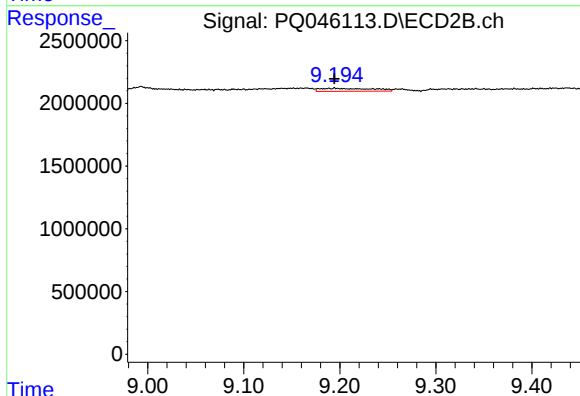
R.T.: 8.691 min
Delta R.T.: 0.012 min
Response: 56543
Conc: 0.11 ng/ml



#40 AR-1262-5

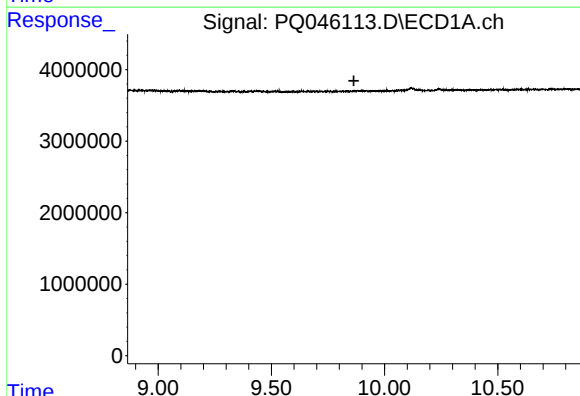
R.T.: 0.000 min
Exp R.T.: 10.563 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



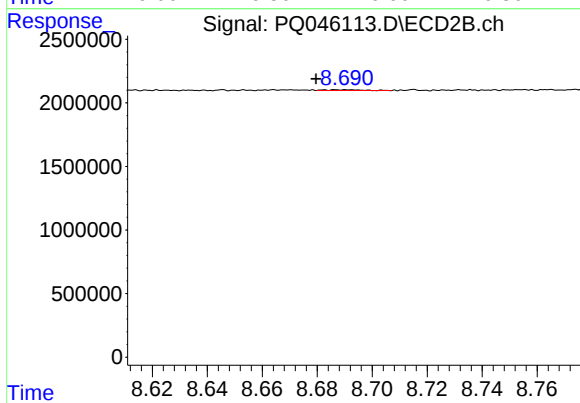
#40 AR-1262-5

R.T.: 9.195 min
Delta R.T.: 0.000 min
Response: 884933
Conc: 4.39 ng/ml



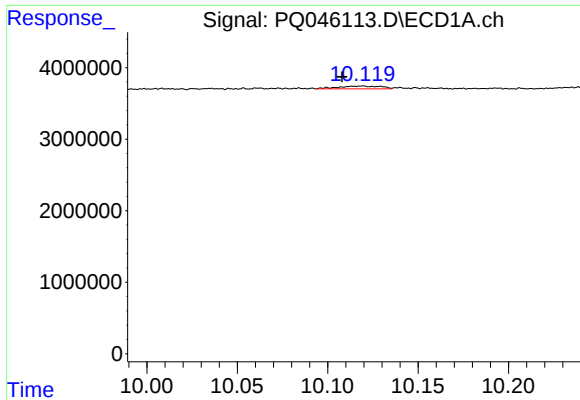
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.864 min
Response: 0
Conc: N.D.



#42 AR-1268-2

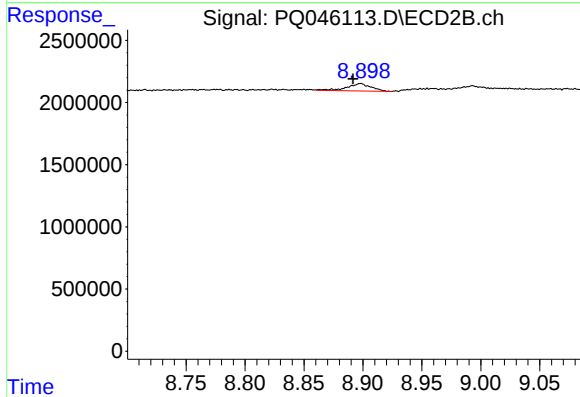
R.T.: 8.691 min
Delta R.T.: 0.011 min
Response: 56543
Conc: 0.08 ng/ml



#43 AR-1268-3

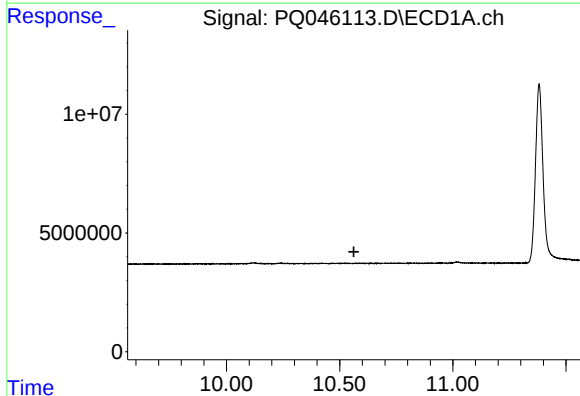
R.T.: 10.119 min
Delta R.T.: 0.011 min
Response: 654885
Conc: 1.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



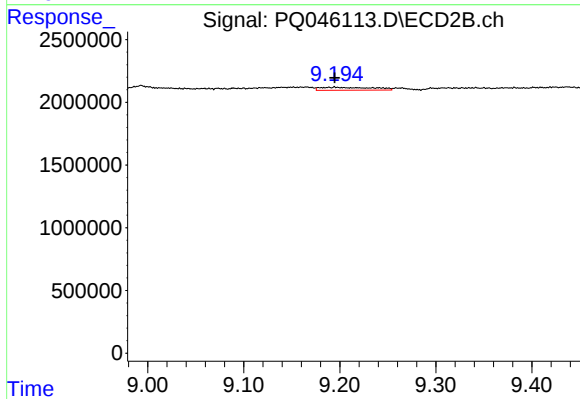
#43 AR-1268-3

R.T.: 8.898 min
Delta R.T.: 0.006 min
Response: 863977
Conc: 1.40 ng/ml



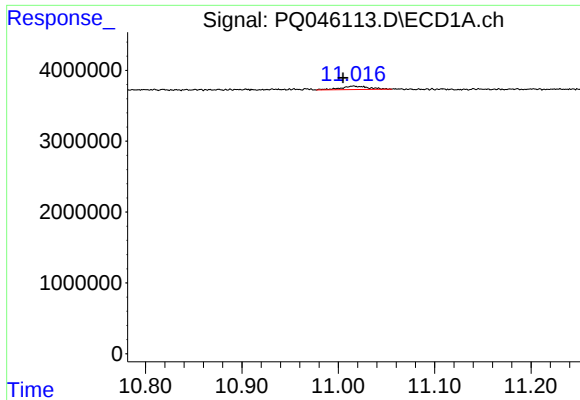
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 10.563 min
Response: 0
Conc: N.D.



#44 AR-1268-4

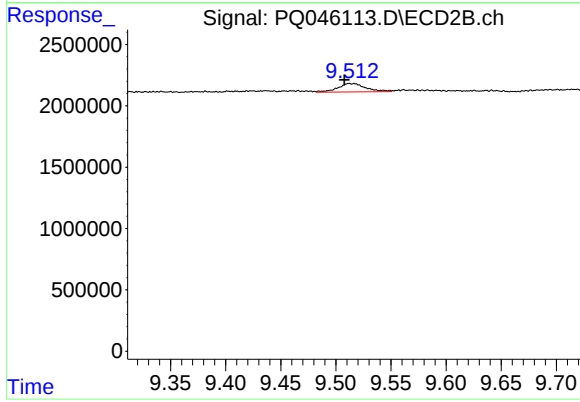
R.T.: 9.195 min
Delta R.T.: 0.000 min
Response: 884933
Conc: 3.76 ng/ml



#45 AR-1268-5

R.T.: 11.016 min
Delta R.T.: 0.011 min
Response: 956060
Conc: 0.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.514 min
Delta R.T.: 0.006 min
Response: 1219936
Conc: 0.66 ng/ml