

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040319\
 Data File : PQ038633.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2019 15:41
 Operator : AJ\SJ
 Sample : K1560-02
 Misc : AR1221 LOQ 100 PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 03:31:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 04 03:26:03 2019
 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...	4.704	3.984	154.8E6	82399758	20.925	20.108
2)	SA Decachlor...	10.641	9.102	122.6E6	62577384	23.556	20.075
Target Compounds							
3)	L1 AR-1016-1	5.884	5.086	3070455	1017972	13.419	7.292 #
4)	L1 AR-1016-2	5.907	5.104	3258553	1264813	9.689	6.313 #
5)	L1 AR-1016-3	5.970	5.288	3731836	327310	18.597	3.548 #
6)	L1 AR-1016-4	6.072	5.325	1489798	924530	9.053	11.543 #
7)	L1 AR-1016-5	6.407	5.499	1710102	199003	10.810	1.942 #
8)	L2 AR-1221-1	4.912	4.199	8240597	4974733	116.889	123.313
9)	L2 AR-1221-2	5.001	4.288	6488219	4381928	129.402	148.988
10)	L2 AR-1221-3	5.079	4.365	18959889	10858368	118.279	112.813
11)	L3 AR-1232-1	5.079	4.365	18959889	10858368	142.611	136.762
12)	L3 AR-1232-2	5.616	5.104	1703511	1264813	26.354	17.143 #
13)	L3 AR-1232-3	5.907	5.288	3258553	327310	25.362	9.620 #
14)	L3 AR-1232-4	6.072	5.369	1489798	1101740	22.830	33.384 #
15)	L3 AR-1232-5	6.157	5.499	1717930	199003	34.807	5.724 #
16)	L4 AR-1242-1	5.884	5.086	3070455	1017972	19.134	10.420 #
17)	L4 AR-1242-2	5.907	5.104	3258553	1264813	13.816	9.019 #
18)	L4 AR-1242-3	5.970	5.288	3731836	327310	25.660	4.917 #
19)	L4 AR-1242-4	6.072	5.369	1489798	1101740	12.464	16.078 #
20)	L4 AR-1242-5	6.811	5.891	1322973	912719	11.826	10.547
21)	L5 AR-1248-1	5.884	5.086	3070455	1017972	26.210	14.260 #
22)	L5 AR-1248-2	6.157	5.325	1717930	924530	10.748	10.064
23)	L5 AR-1248-3	6.407	5.369	1710102	1101740	9.956	11.695
24)	L5 AR-1248-4	6.766	5.499	846226	199003	4.771	1.734 #
25)	L5 AR-1248-5	6.811	5.938	1322973	573015	7.799	5.289 #
26)	L6 AR-1254-1	6.743	5.891	1111843	912719	5.666	4.946
27)	L6 AR-1254-2	6.970	0.000	1538673	0	5.302	N.D. #
28)	L6 AR-1254-3	7.349	0.000	857583	0	2.866	N.D. #
30)	L6 AR-1254-5	8.026	0.000	1584149	0	5.997	N.D. #
31)	L7 AR-1260-1	7.496	0.000	408508	0	1.608	N.D. #
32)	L7 AR-1260-2	7.742	6.763	332916	658900	1.122	3.029 #
34)	L7 AR-1260-4	8.342	0.000	868761	0	3.277	N.D. #
35)	L7 AR-1260-5	8.700	0.000	1604605	0	3.158	N.D. #
36)	L8 AR-1262-1	8.189	7.173	5267977	174685	41.552	0.730 #
37)	L8 AR-1262-2	8.700	0.000	1604605	0	3.115	N.D. #
38)	L8 AR-1262-3	9.018	7.892	2453553	483436	7.001	3.030 #
39)	L8 AR-1262-4	9.162	7.978	2671623	721753	9.248	2.370 #
40)	L8 AR-1262-5	9.797	8.514	9554156	549372	52.740	4.120 #
41)	L9 AR-1268-1	9.018	7.892	2453553	483436	3.898	1.022 #
42)	L9 AR-1268-2	9.162	7.978	2671623	721753	4.354	1.653 #
43)	L9 AR-1268-3	9.370	8.199	3815502	436338	7.564	1.224 #

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 Acq On : 03 Apr 2019 15:41
 Operator : AJ\SJ
 Sample : K1560-02
 Misc : AR1221 LOQ 100 PPB
 ALS Vial : 10 Sample Multiplier: 1

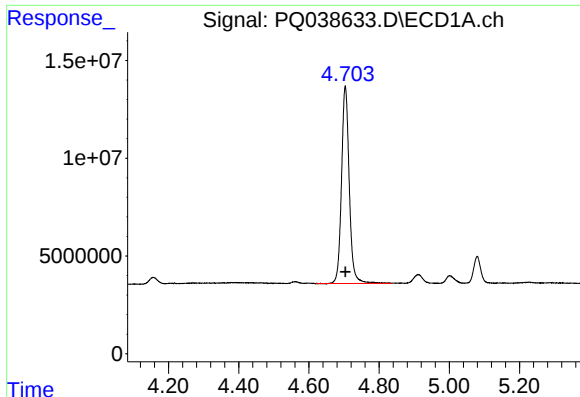
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 03:31:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040319.M
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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
44) L9	AR-1268-4	9.797	8.514	9554156	549372	43.682	3.663 #
45) L9	AR-1268-5	10.268	8.821	7039708	530606	4.098	0.459 #

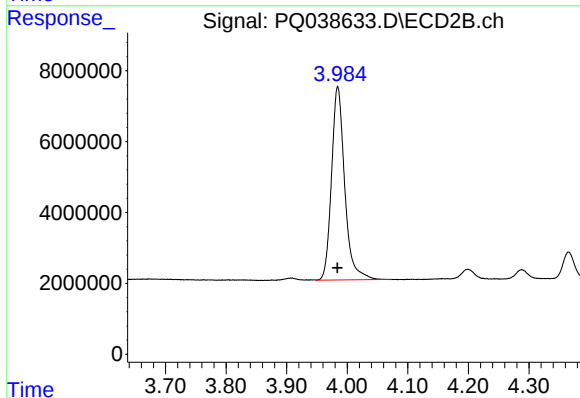
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

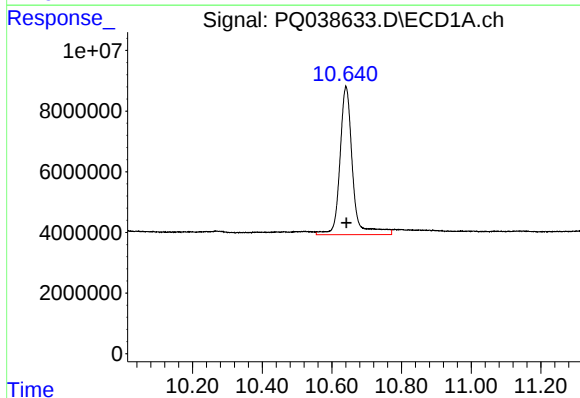
R.T.: 4.704 min
Delta R.T.: 0.000 min
Response: 154776776
Conc: 20.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



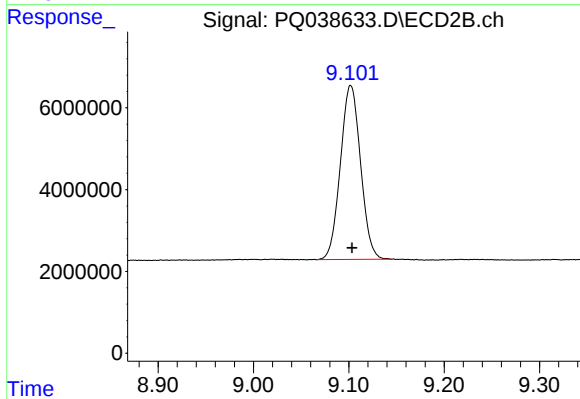
#1 Tetrachloro-m-xylene

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 82399758
Conc: 20.11 ng/ml



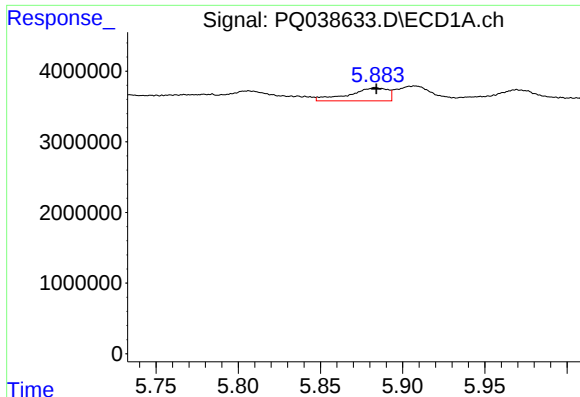
#2 Decachlorobiphenyl

R.T.: 10.641 min
Delta R.T.: -0.001 min
Response: 122628797
Conc: 23.56 ng/ml



#2 Decachlorobiphenyl

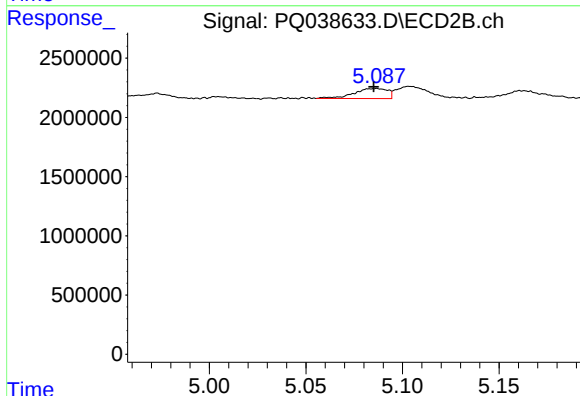
R.T.: 9.102 min
Delta R.T.: -0.001 min
Response: 62577384
Conc: 20.08 ng/ml



#3 AR-1016-1

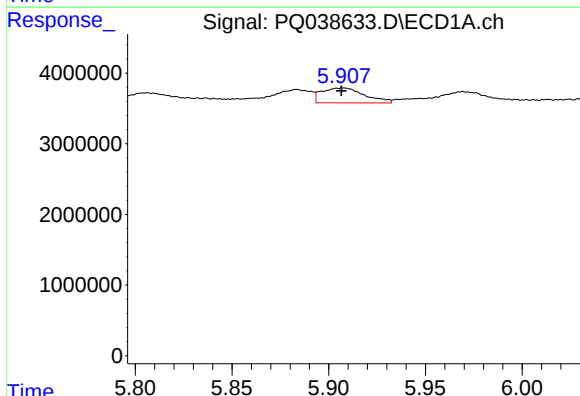
R.T.: 5.884 min
Delta R.T.: 0.000 min
Response: 3070455
Conc: 13.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



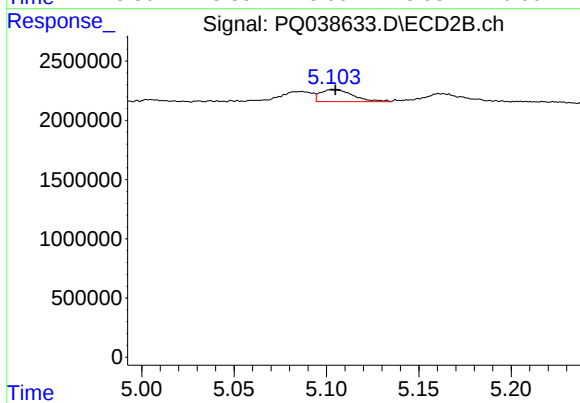
#3 AR-1016-1

R.T.: 5.086 min
Delta R.T.: 0.001 min
Response: 1017972
Conc: 7.29 ng/ml



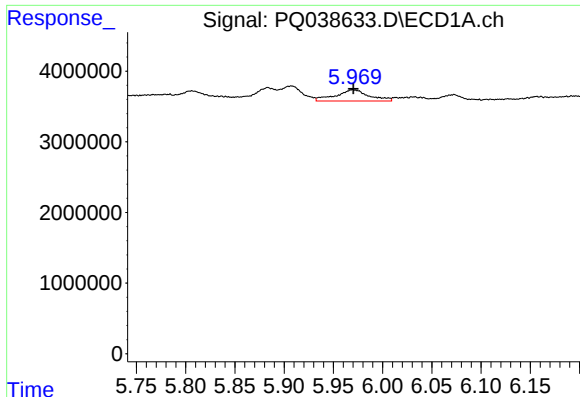
#4 AR-1016-2

R.T.: 5.907 min
Delta R.T.: 0.000 min
Response: 3258553
Conc: 9.69 ng/ml



#4 AR-1016-2

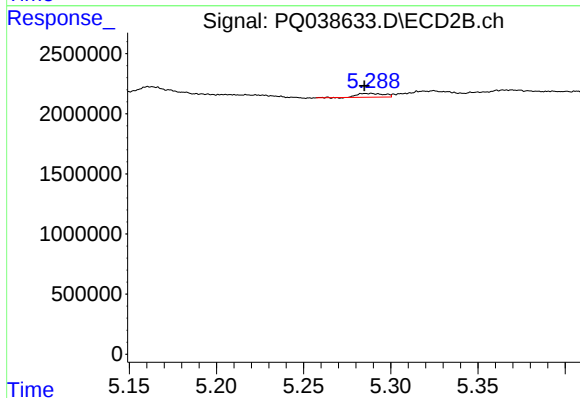
R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 1264813
Conc: 6.31 ng/ml



#5 AR-1016-3

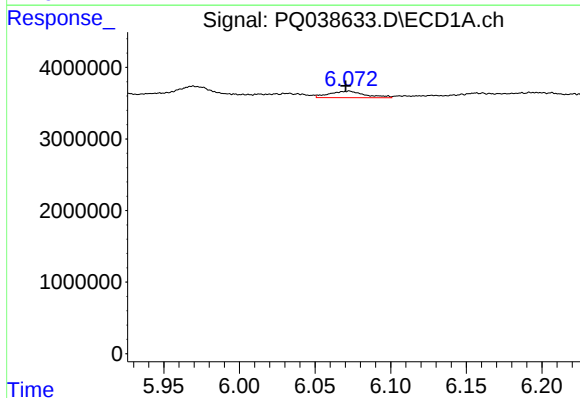
R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 3731836
Conc: 18.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



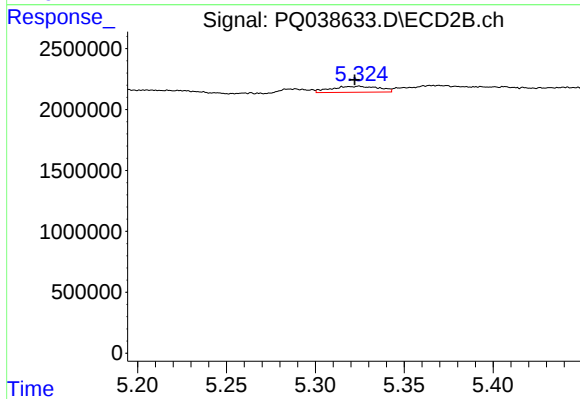
#5 AR-1016-3

R.T.: 5.288 min
Delta R.T.: 0.004 min
Response: 327310
Conc: 3.55 ng/ml



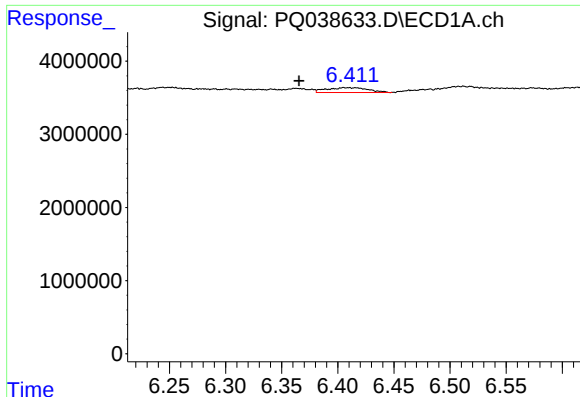
#6 AR-1016-4

R.T.: 6.072 min
Delta R.T.: 0.001 min
Response: 1489798
Conc: 9.05 ng/ml



#6 AR-1016-4

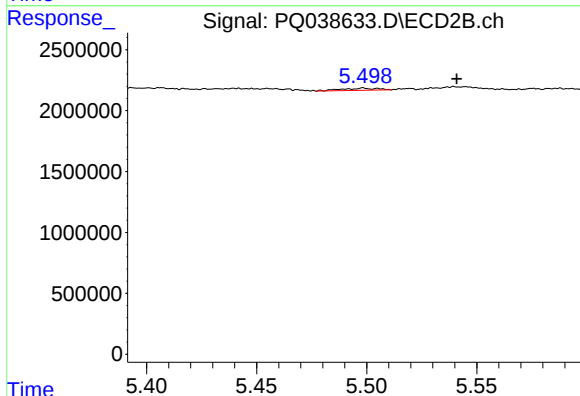
R.T.: 5.325 min
Delta R.T.: 0.002 min
Response: 924530
Conc: 11.54 ng/ml



#7 AR-1016-5

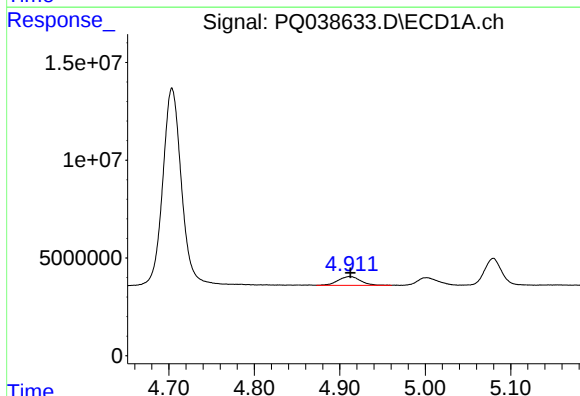
R.T.: 6.407 min
Delta R.T.: 0.042 min
Response: 1710102
Conc: 10.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



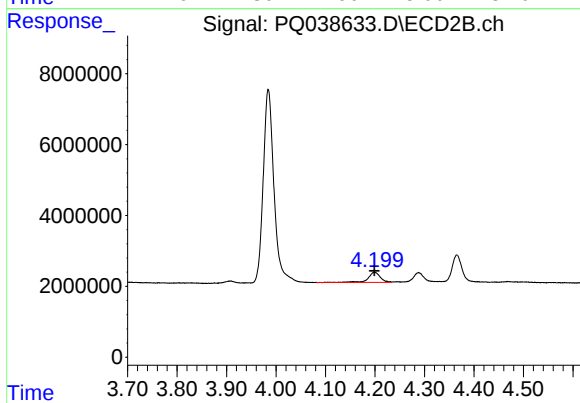
#7 AR-1016-5

R.T.: 5.499 min
Delta R.T.: -0.042 min
Response: 199003
Conc: 1.94 ng/ml



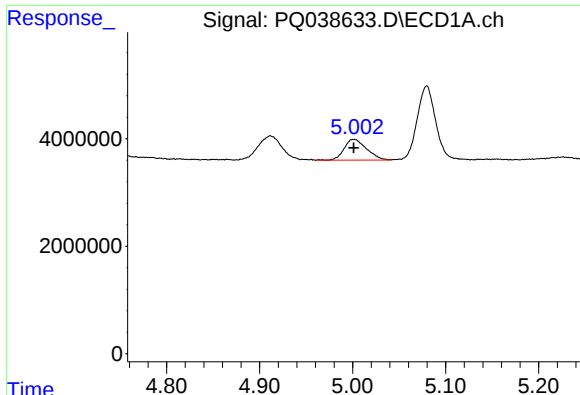
#8 AR-1221-1

R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 8240597
Conc: 116.89 ng/ml



#8 AR-1221-1

R.T.: 4.199 min
Delta R.T.: 0.000 min
Response: 4974733
Conc: 123.31 ng/ml



#9 AR-1221-2

R.T.: 5.001 min
Delta R.T.: 0.000 min
Response: 6488219
Conc: 129.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :

#9 AR-1221-2

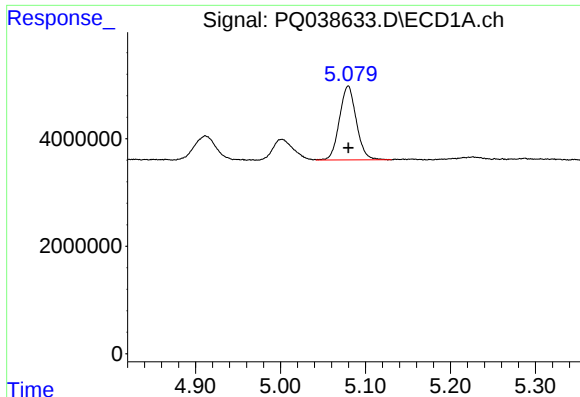
R.T.: 4.288 min
Delta R.T.: 0.001 min
Response: 4381928
Conc: 148.99 ng/ml

#10 AR-1221-3

R.T.: 5.079 min
Delta R.T.: 0.000 min
Response: 18959889
Conc: 118.28 ng/ml

#10 AR-1221-3

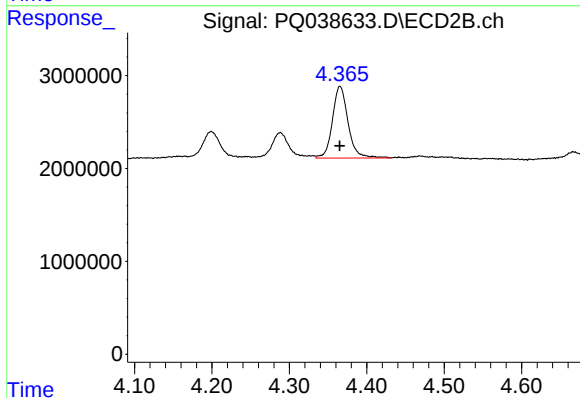
R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 10858368
Conc: 112.81 ng/ml



#11 AR-1232-1

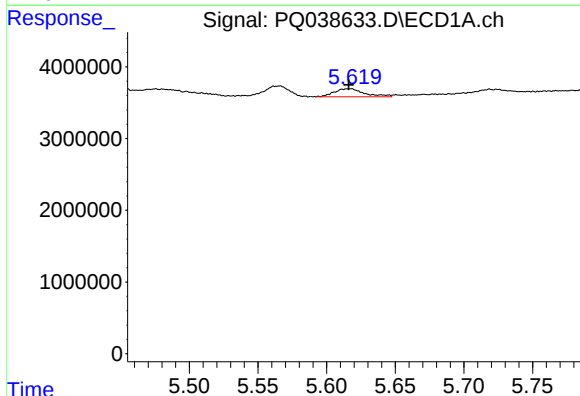
R.T.: 5.079 min
Delta R.T.: 0.000 min
Response: 18959889
Conc: 142.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



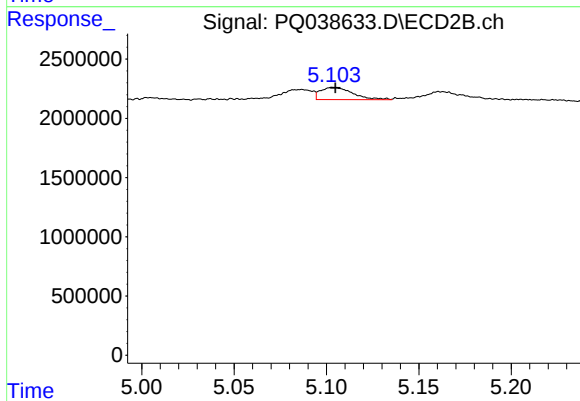
#11 AR-1232-1

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 10858368
Conc: 136.76 ng/ml



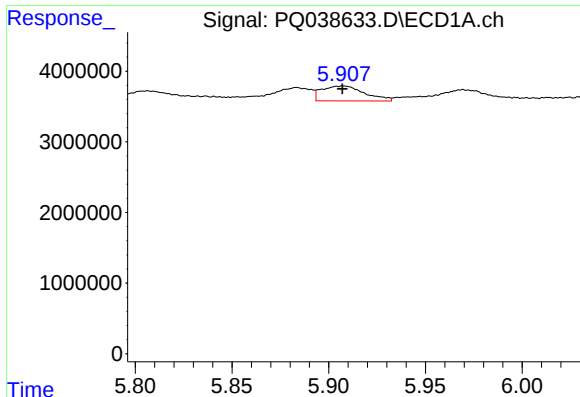
#12 AR-1232-2

R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 1703511
Conc: 26.35 ng/ml



#12 AR-1232-2

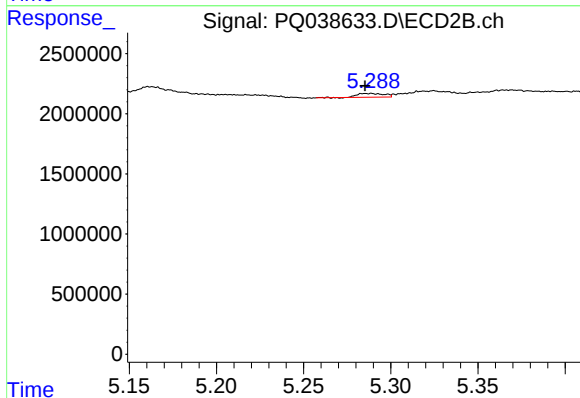
R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 1264813
Conc: 17.14 ng/ml



#13 AR-1232-3

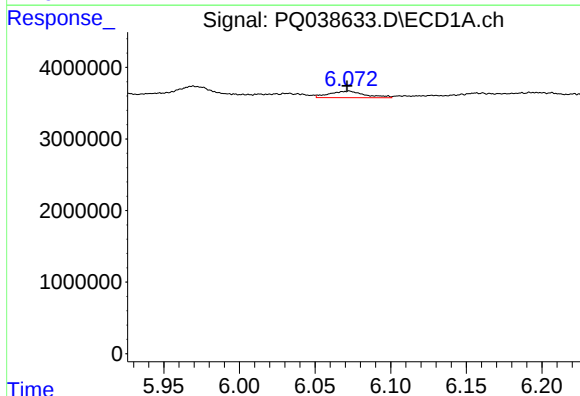
R.T.: 5.907 min
Delta R.T.: 0.000 min
Response: 3258553
Conc: 25.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



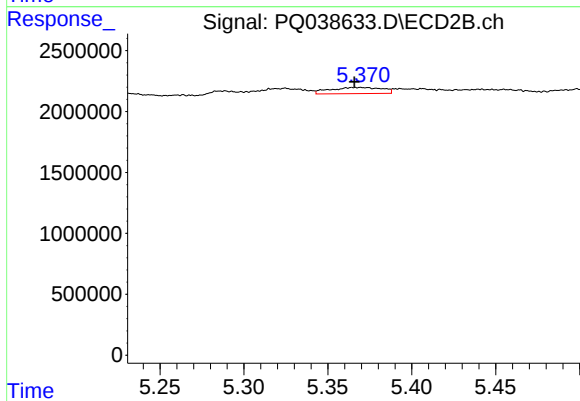
#13 AR-1232-3

R.T.: 5.288 min
Delta R.T.: 0.003 min
Response: 327310
Conc: 9.62 ng/ml



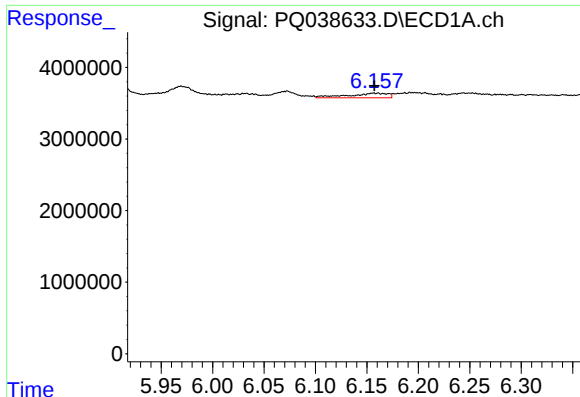
#14 AR-1232-4

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 1489798
Conc: 22.83 ng/ml



#14 AR-1232-4

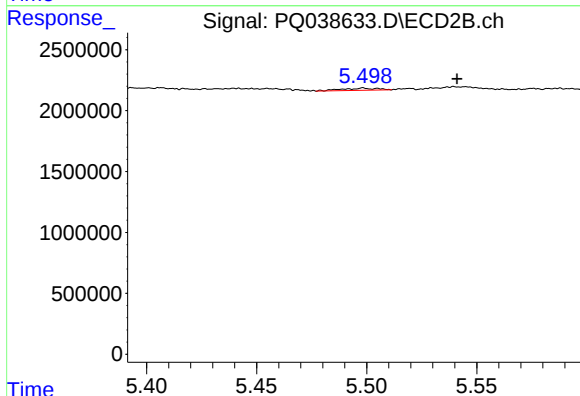
R.T.: 5.369 min
Delta R.T.: 0.003 min
Response: 1101740
Conc: 33.38 ng/ml



#15 AR-1232-5

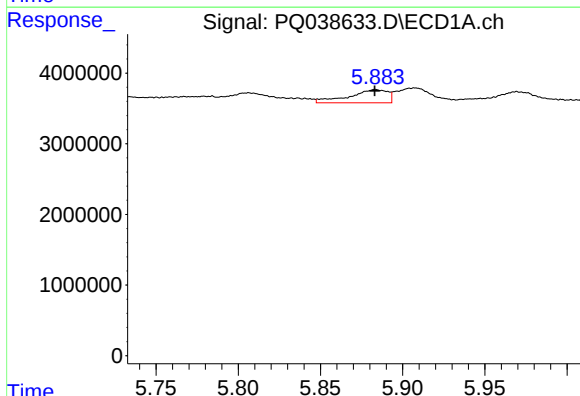
R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 1717930
Conc: 34.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



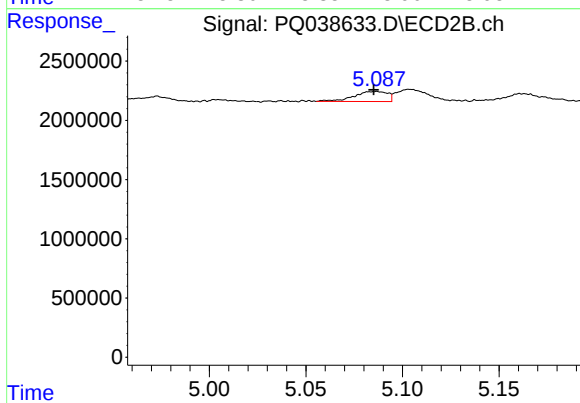
#15 AR-1232-5

R.T.: 5.499 min
Delta R.T.: -0.043 min
Response: 199003
Conc: 5.72 ng/ml



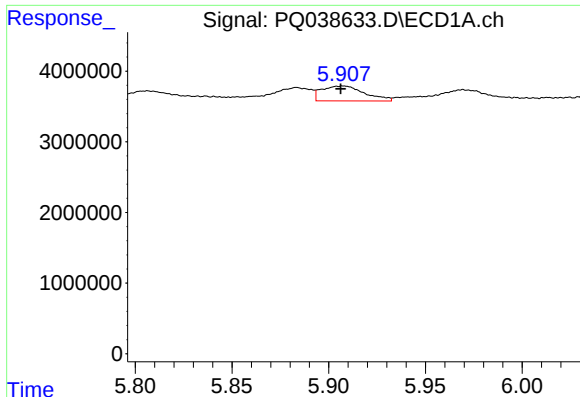
#16 AR-1242-1

R.T.: 5.884 min
Delta R.T.: 0.000 min
Response: 3070455
Conc: 19.13 ng/ml



#16 AR-1242-1

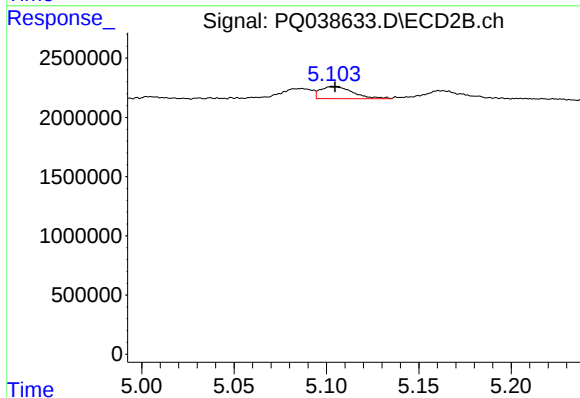
R.T.: 5.086 min
Delta R.T.: 0.001 min
Response: 1017972
Conc: 10.42 ng/ml



#17 AR-1242-2

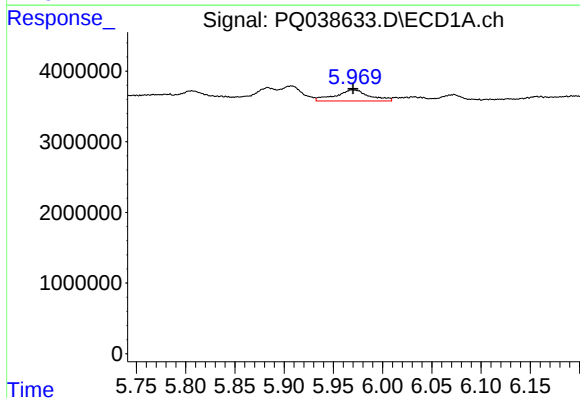
R.T.: 5.907 min
Delta R.T.: 0.000 min
Response: 3258553
Conc: 13.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



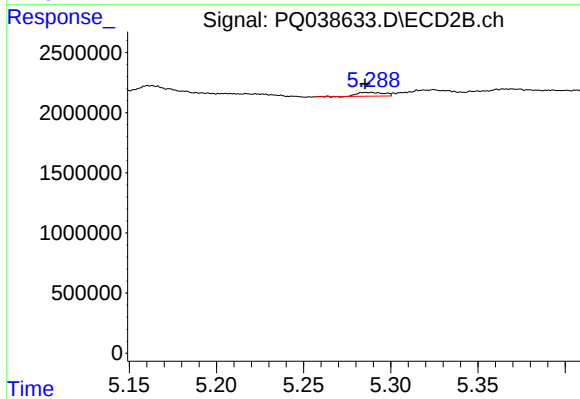
#17 AR-1242-2

R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 1264813
Conc: 9.02 ng/ml



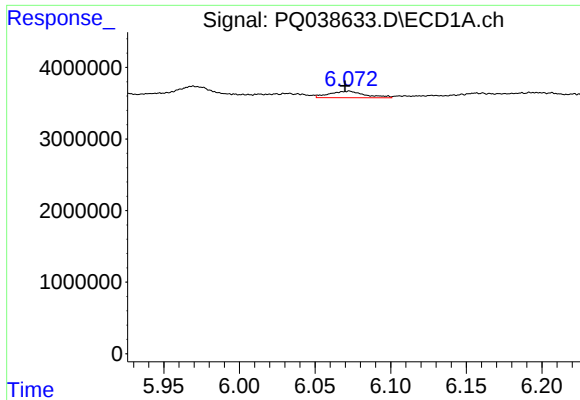
#18 AR-1242-3

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 3731836
Conc: 25.66 ng/ml



#18 AR-1242-3

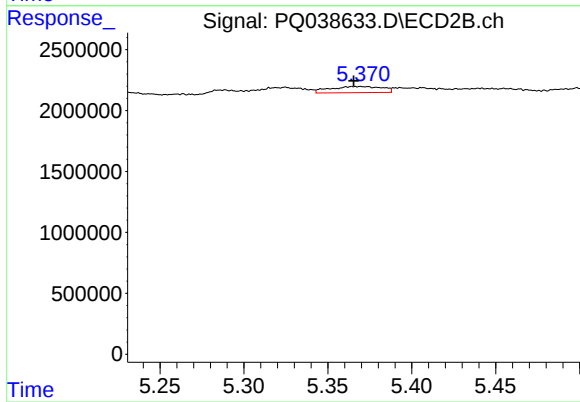
R.T.: 5.288 min
Delta R.T.: 0.003 min
Response: 327310
Conc: 4.92 ng/ml



#19 AR-1242-4

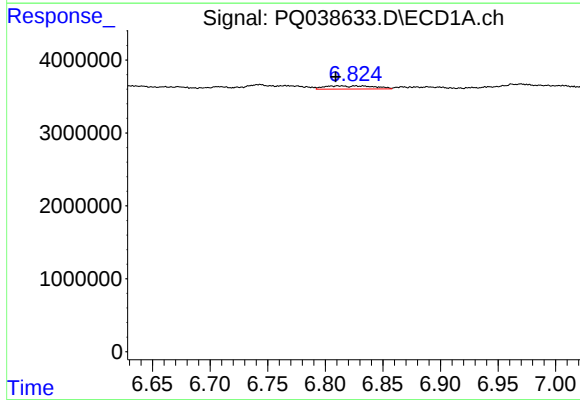
R.T.: 6.072 min
Delta R.T.: 0.002 min
Response: 1489798
Conc: 12.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



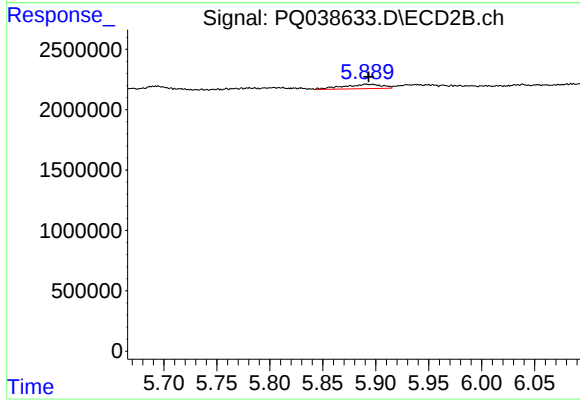
#19 AR-1242-4

R.T.: 5.369 min
Delta R.T.: 0.004 min
Response: 1101740
Conc: 16.08 ng/ml



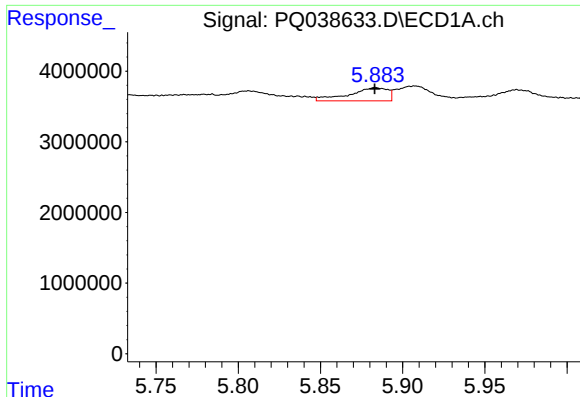
#20 AR-1242-5

R.T.: 6.811 min
Delta R.T.: 0.002 min
Response: 1322973
Conc: 11.83 ng/ml



#20 AR-1242-5

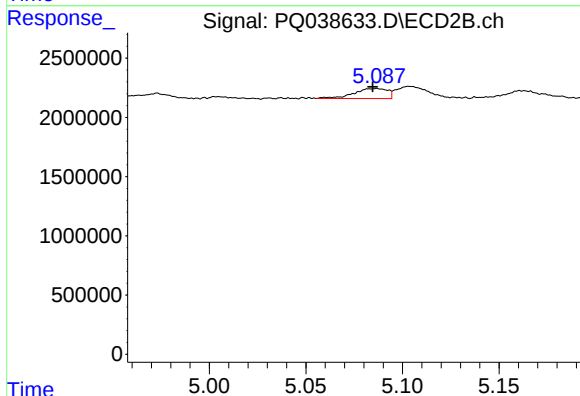
R.T.: 5.891 min
Delta R.T.: -0.002 min
Response: 912719
Conc: 10.55 ng/ml



#21 AR-1248-1

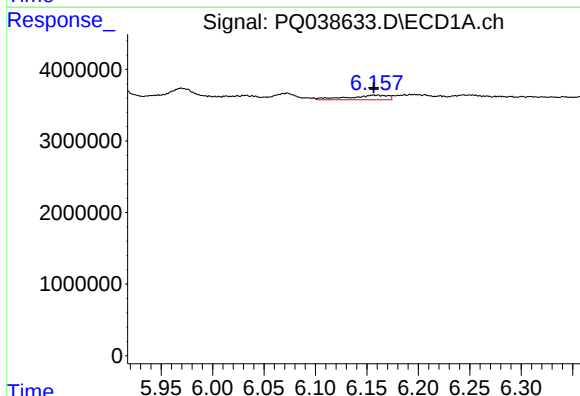
R.T.: 5.884 min
Delta R.T.: 0.000 min
Response: 3070455
Conc: 26.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



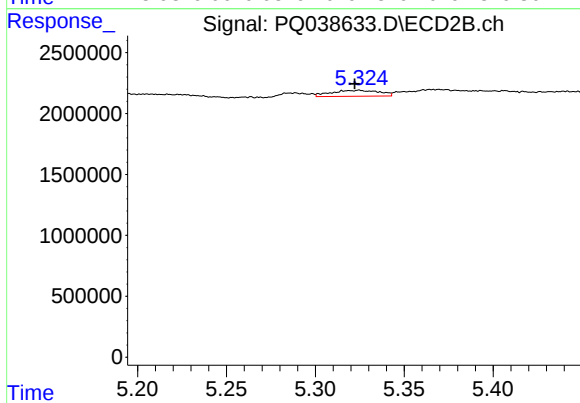
#21 AR-1248-1

R.T.: 5.086 min
Delta R.T.: 0.002 min
Response: 1017972
Conc: 14.26 ng/ml



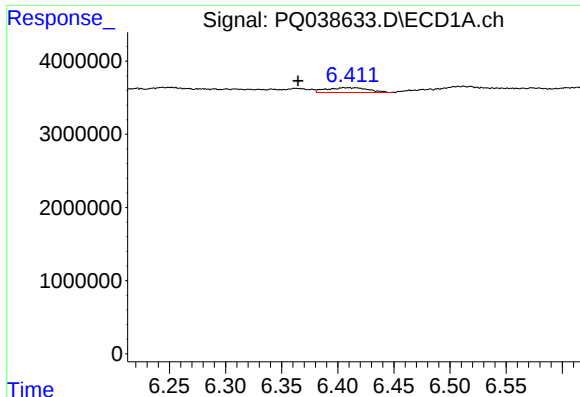
#22 AR-1248-2

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 1717930
Conc: 10.75 ng/ml



#22 AR-1248-2

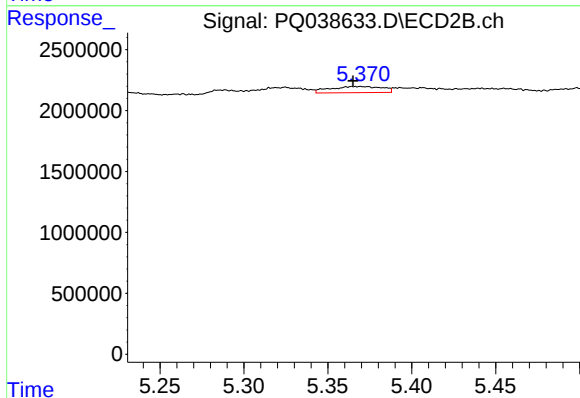
R.T.: 5.325 min
Delta R.T.: 0.003 min
Response: 924530
Conc: 10.06 ng/ml



#23 AR-1248-3

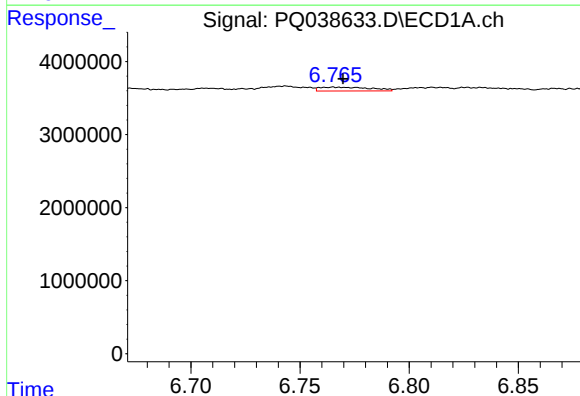
R.T.: 6.407 min
Delta R.T.: 0.043 min
Response: 1710102
Conc: 9.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



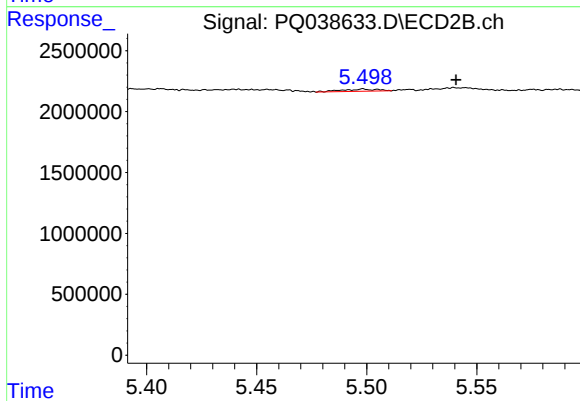
#23 AR-1248-3

R.T.: 5.369 min
Delta R.T.: 0.004 min
Response: 1101740
Conc: 11.70 ng/ml



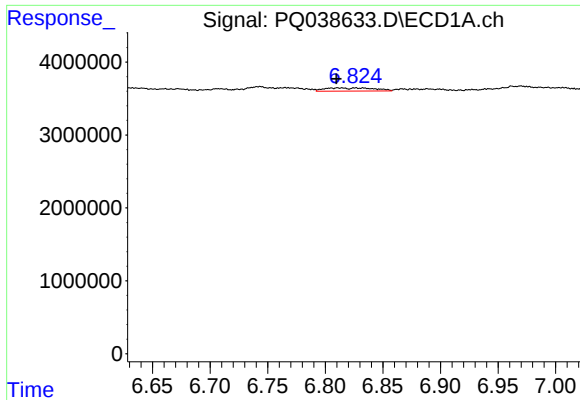
#24 AR-1248-4

R.T.: 6.766 min
Delta R.T.: -0.004 min
Response: 846226
Conc: 4.77 ng/ml



#24 AR-1248-4

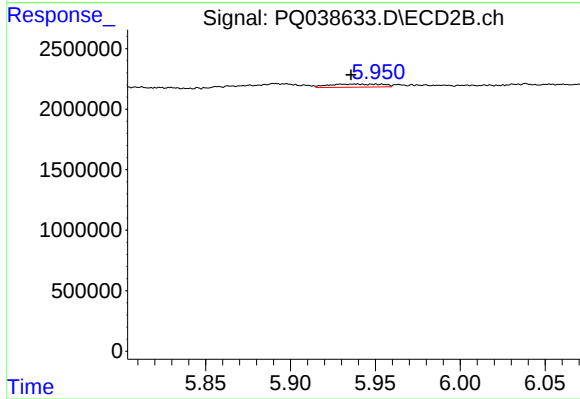
R.T.: 5.499 min
Delta R.T.: -0.042 min
Response: 199003
Conc: 1.73 ng/ml



#25 AR-1248-5

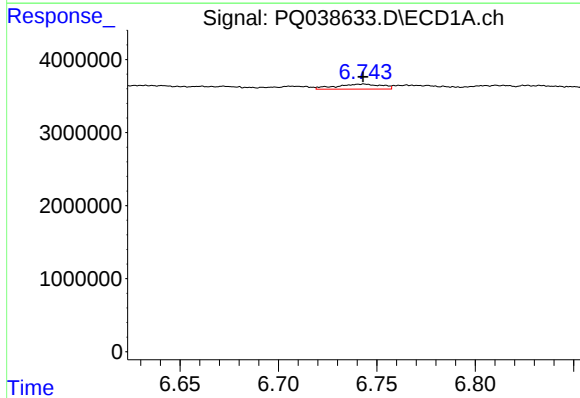
R.T.: 6.811 min
Delta R.T.: 0.002 min
Response: 1322973
Conc: 7.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



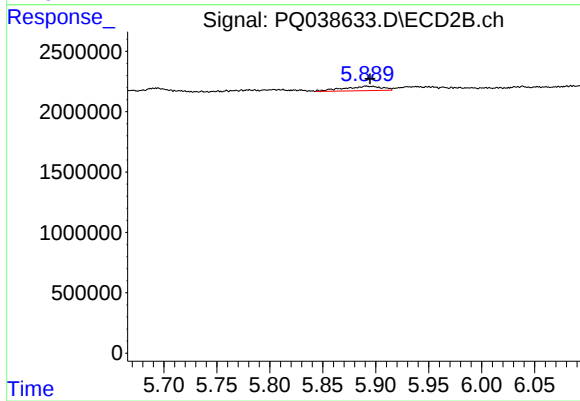
#25 AR-1248-5

R.T.: 5.938 min
Delta R.T.: 0.002 min
Response: 573015
Conc: 5.29 ng/ml



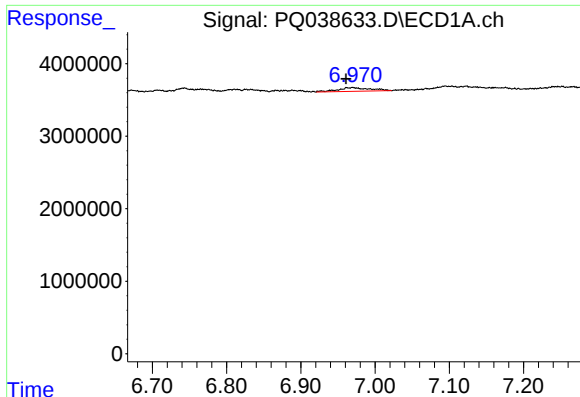
#26 AR-1254-1

R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 1111843
Conc: 5.67 ng/ml



#26 AR-1254-1

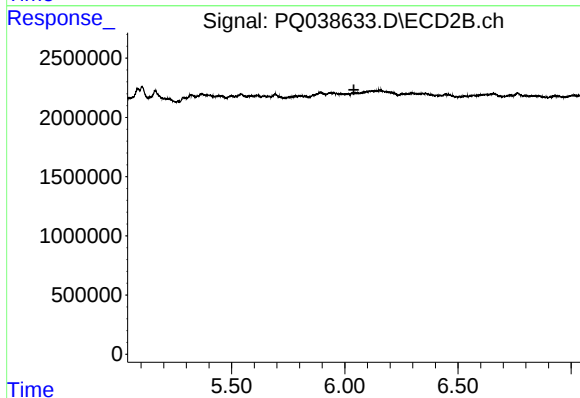
R.T.: 5.891 min
Delta R.T.: -0.004 min
Response: 912719
Conc: 4.95 ng/ml



#27 AR-1254-2

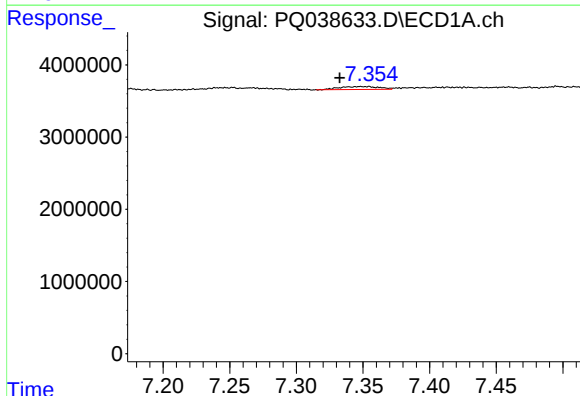
R.T.: 6.970 min
Delta R.T.: 0.009 min
Response: 1538673
Conc: 5.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



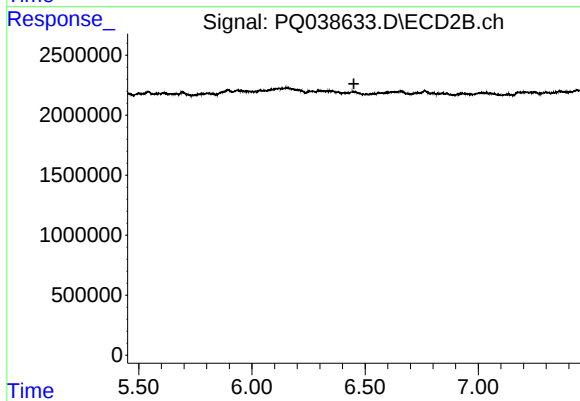
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.040 min
Response: 0
Conc: N.D.



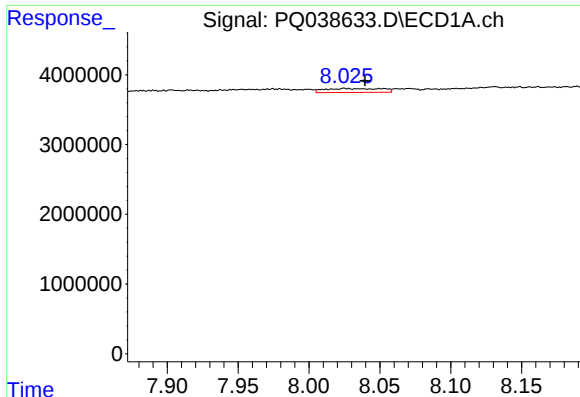
#28 AR-1254-3

R.T.: 7.349 min
Delta R.T.: 0.017 min
Response: 857583
Conc: 2.87 ng/ml



#28 AR-1254-3

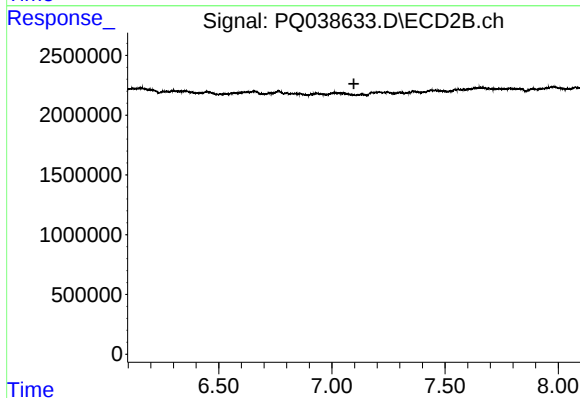
R.T.: 0.000 min
Exp R.T. : 6.451 min
Response: 0
Conc: N.D.



#30 AR-1254-5

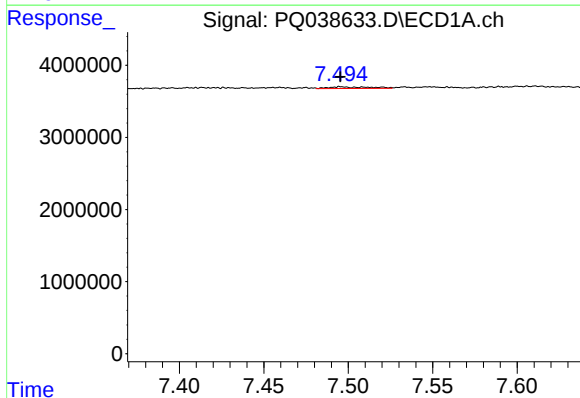
R.T.: 8.026 min
Delta R.T.: -0.014 min
Response: 1584149
Conc: 6.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



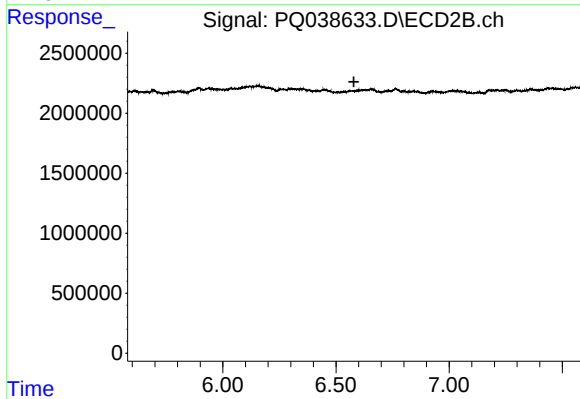
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.097 min
Response: 0
Conc: N.D.



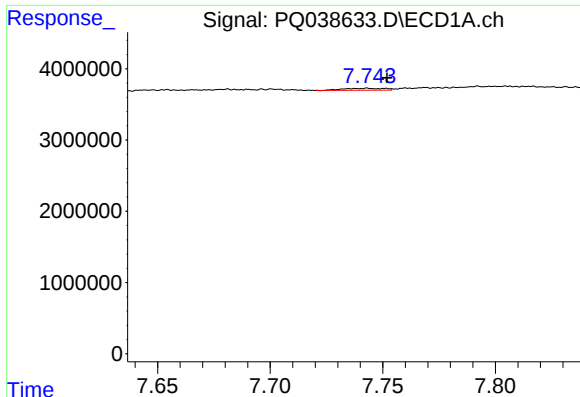
#31 AR-1260-1

R.T.: 7.496 min
Delta R.T.: 0.000 min
Response: 408508
Conc: 1.61 ng/ml



#31 AR-1260-1

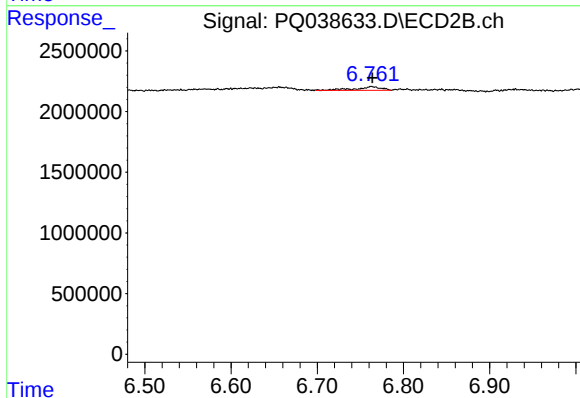
R.T.: 0.000 min
Exp R.T. : 6.579 min
Response: 0
Conc: N.D.



#32 AR-1260-2

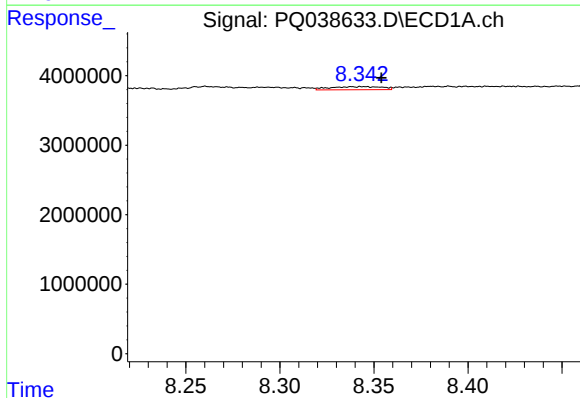
R.T.: 7.742 min
Delta R.T.: -0.010 min
Response: 332916
Conc: 1.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



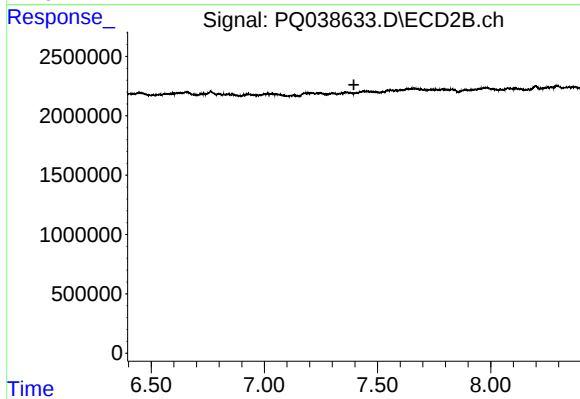
#32 AR-1260-2

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 658900
Conc: 3.03 ng/ml



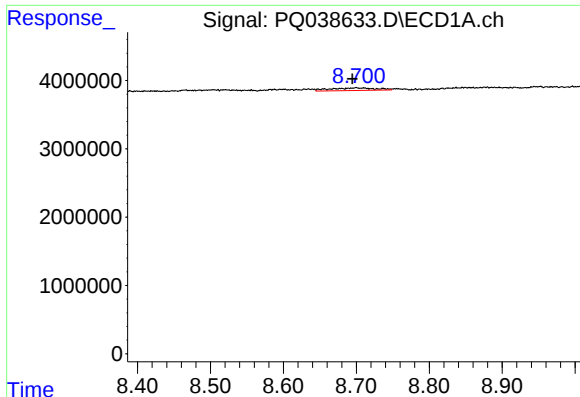
#34 AR-1260-4

R.T.: 8.342 min
Delta R.T.: -0.012 min
Response: 868761
Conc: 3.28 ng/ml



#34 AR-1260-4

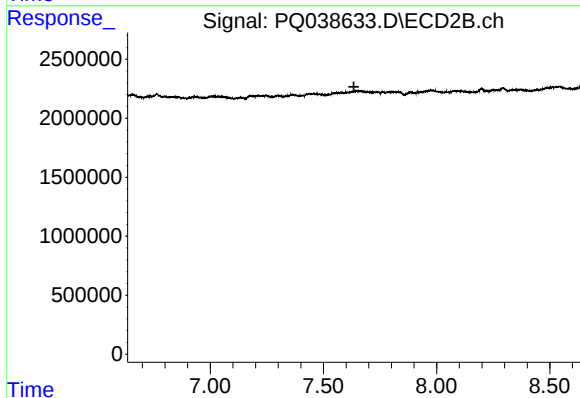
R.T.: 0.000 min
Exp R.T.: 7.396 min
Response: 0
Conc: N.D.



#35 AR-1260-5

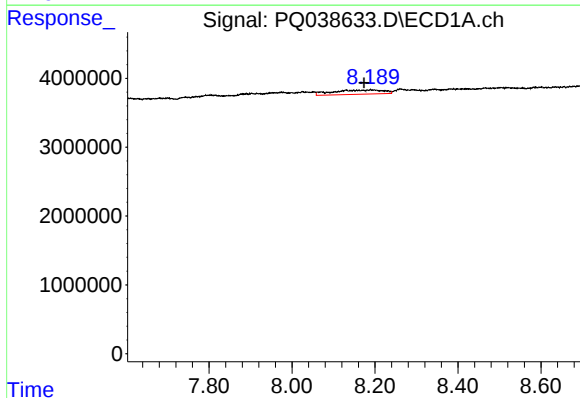
R.T.: 8.700 min
Delta R.T.: 0.005 min
Response: 1604605
Conc: 3.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



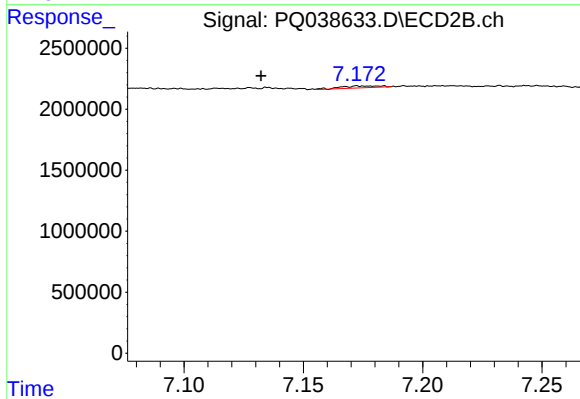
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.634 min
Response: 0
Conc: N.D.



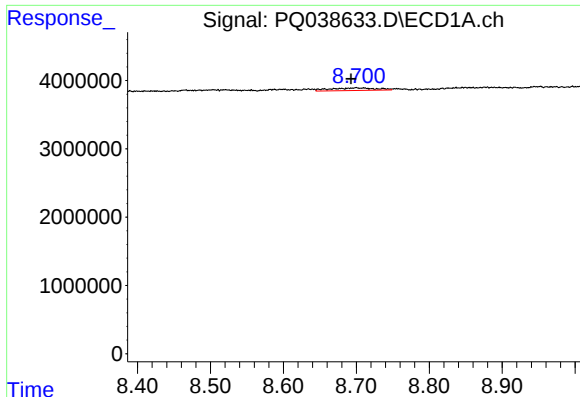
#36 AR-1262-1

R.T.: 8.189 min
Delta R.T.: 0.016 min
Response: 5267977
Conc: 41.55 ng/ml



#36 AR-1262-1

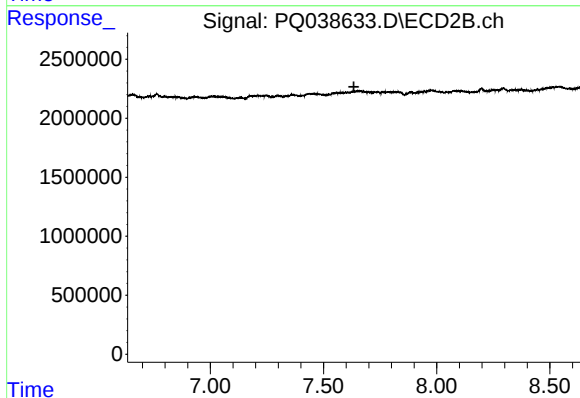
R.T.: 7.173 min
Delta R.T.: 0.041 min
Response: 174685
Conc: 0.73 ng/ml



#37 AR-1262-2

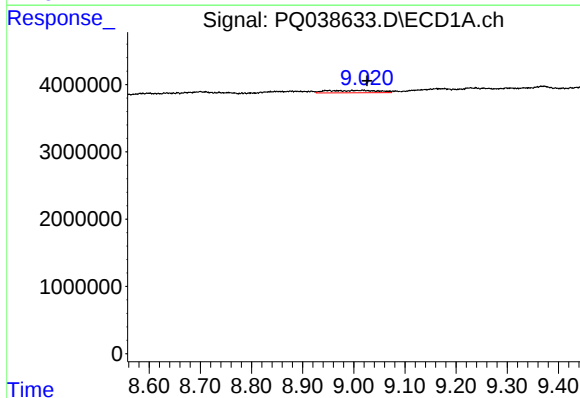
R.T.: 8.700 min
Delta R.T.: 0.007 min
Response: 1604605
Conc: 3.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



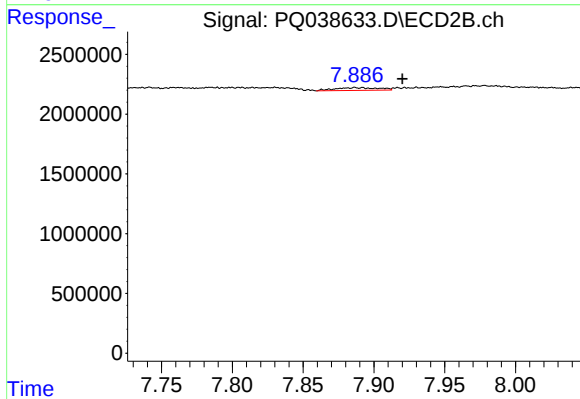
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.634 min
Response: 0
Conc: N.D.



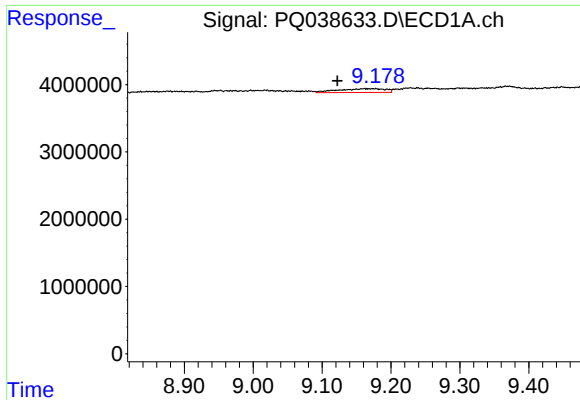
#38 AR-1262-3

R.T.: 9.018 min
Delta R.T.: -0.008 min
Response: 2453553
Conc: 7.00 ng/ml



#38 AR-1262-3

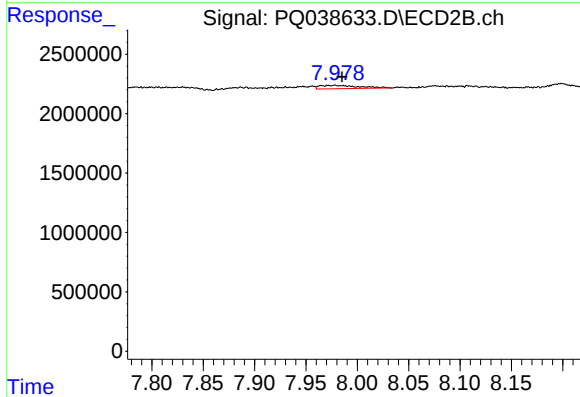
R.T.: 7.892 min
Delta R.T.: -0.028 min
Response: 483436
Conc: 3.03 ng/ml



#39 AR-1262-4

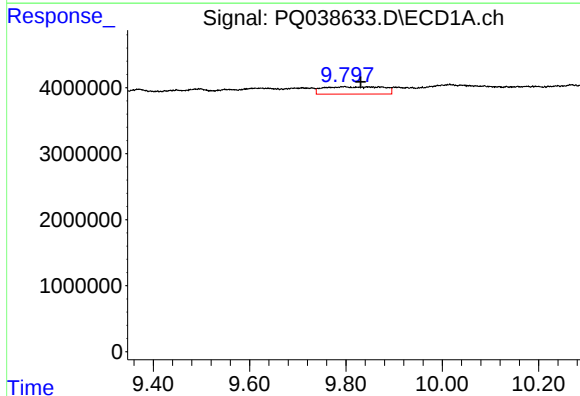
R.T.: 9.162 min
Delta R.T.: 0.040 min
Response: 2671623
Conc: 9.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



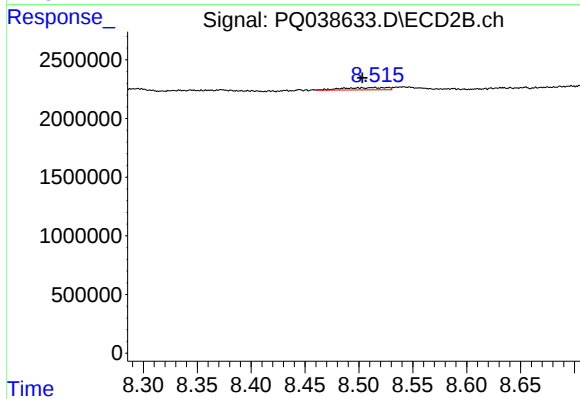
#39 AR-1262-4

R.T.: 7.978 min
Delta R.T.: -0.007 min
Response: 721753
Conc: 2.37 ng/ml



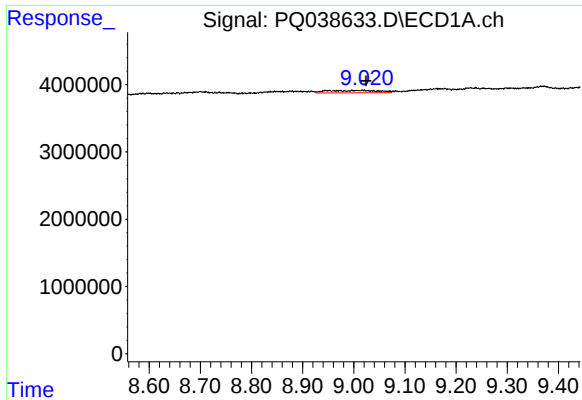
#40 AR-1262-5

R.T.: 9.797 min
Delta R.T.: -0.034 min
Response: 9554156
Conc: 52.74 ng/ml



#40 AR-1262-5

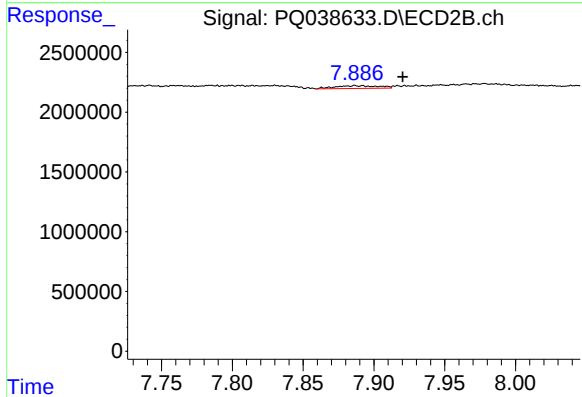
R.T.: 8.514 min
Delta R.T.: 0.011 min
Response: 549372
Conc: 4.12 ng/ml



#41 AR-1268-1

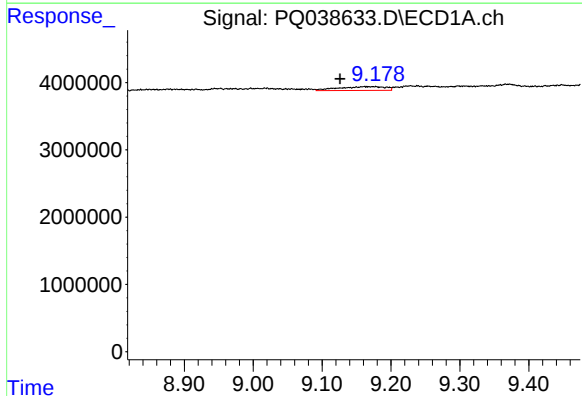
R.T.: 9.018 min
Delta R.T.: -0.006 min
Response: 2453553
Conc: 3.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



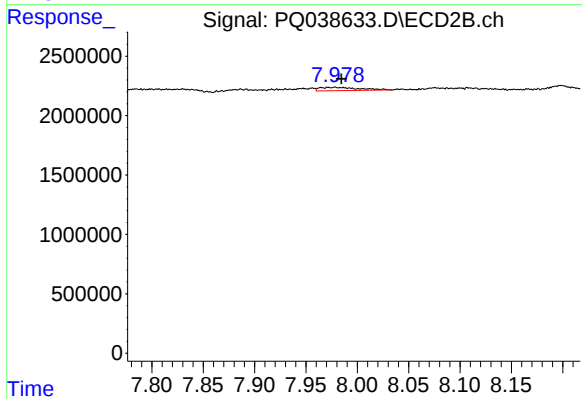
#41 AR-1268-1

R.T.: 7.892 min
Delta R.T.: -0.028 min
Response: 483436
Conc: 1.02 ng/ml



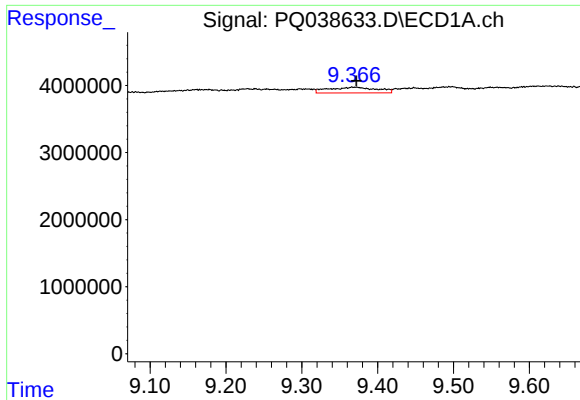
#42 AR-1268-2

R.T.: 9.162 min
Delta R.T.: 0.036 min
Response: 2671623
Conc: 4.35 ng/ml



#42 AR-1268-2

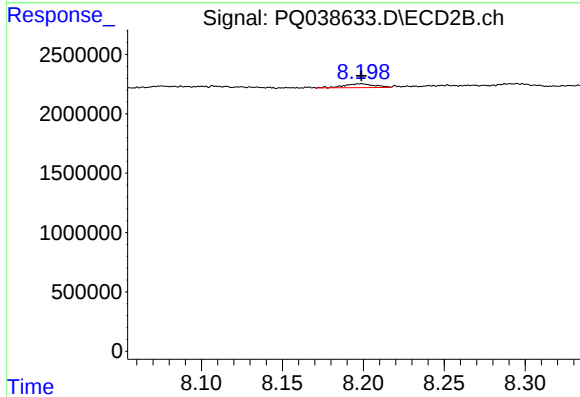
R.T.: 7.978 min
Delta R.T.: -0.006 min
Response: 721753
Conc: 1.65 ng/ml



#43 AR-1268-3

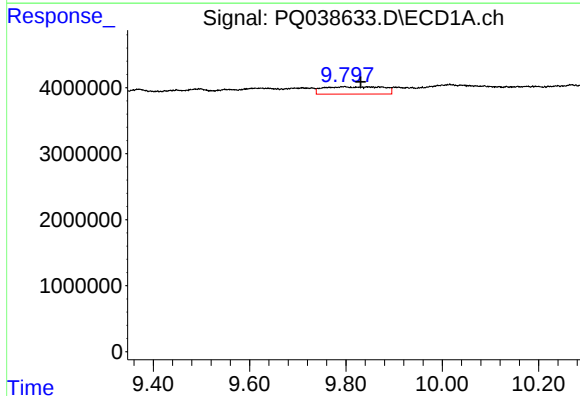
R.T.: 9.370 min
Delta R.T.: -0.002 min
Response: 3815502
Conc: 7.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



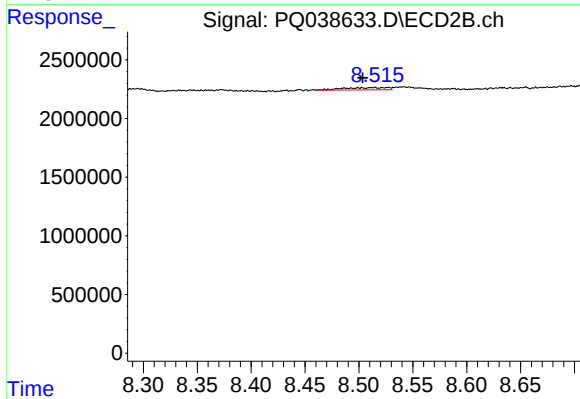
#43 AR-1268-3

R.T.: 8.199 min
Delta R.T.: 0.000 min
Response: 436338
Conc: 1.22 ng/ml



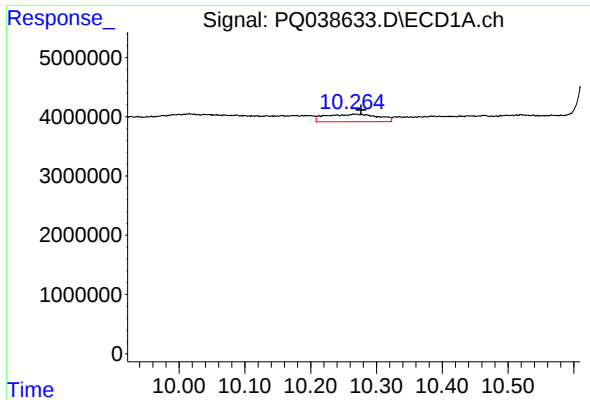
#44 AR-1268-4

R.T.: 9.797 min
Delta R.T.: -0.034 min
Response: 9554156
Conc: 43.68 ng/ml



#44 AR-1268-4

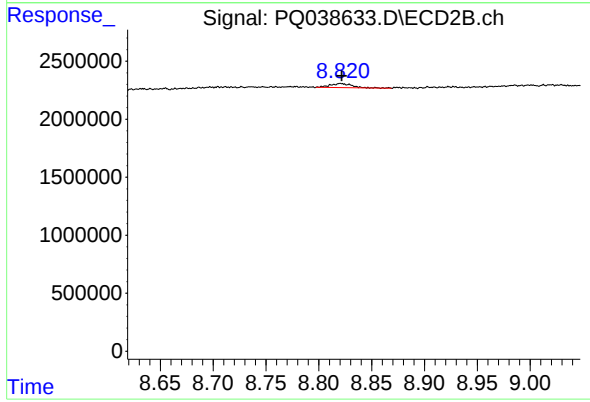
R.T.: 8.514 min
Delta R.T.: 0.011 min
Response: 549372
Conc: 3.66 ng/ml



#45 AR-1268-5

R.T.: 10.268 min
Delta R.T.: -0.009 min
Response: 7039708
Conc: 4.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.821 min
Delta R.T.: -0.001 min
Response: 530606
Conc: 0.46 ng/ml