

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072118\
 Data File : PQ030787.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2018 16:50
 Operator : SM\SJ
 Sample : J4070-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 LC-SD-EB02-180718

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 23 03:27:57 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072118.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 23 03:18:02 2018
 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

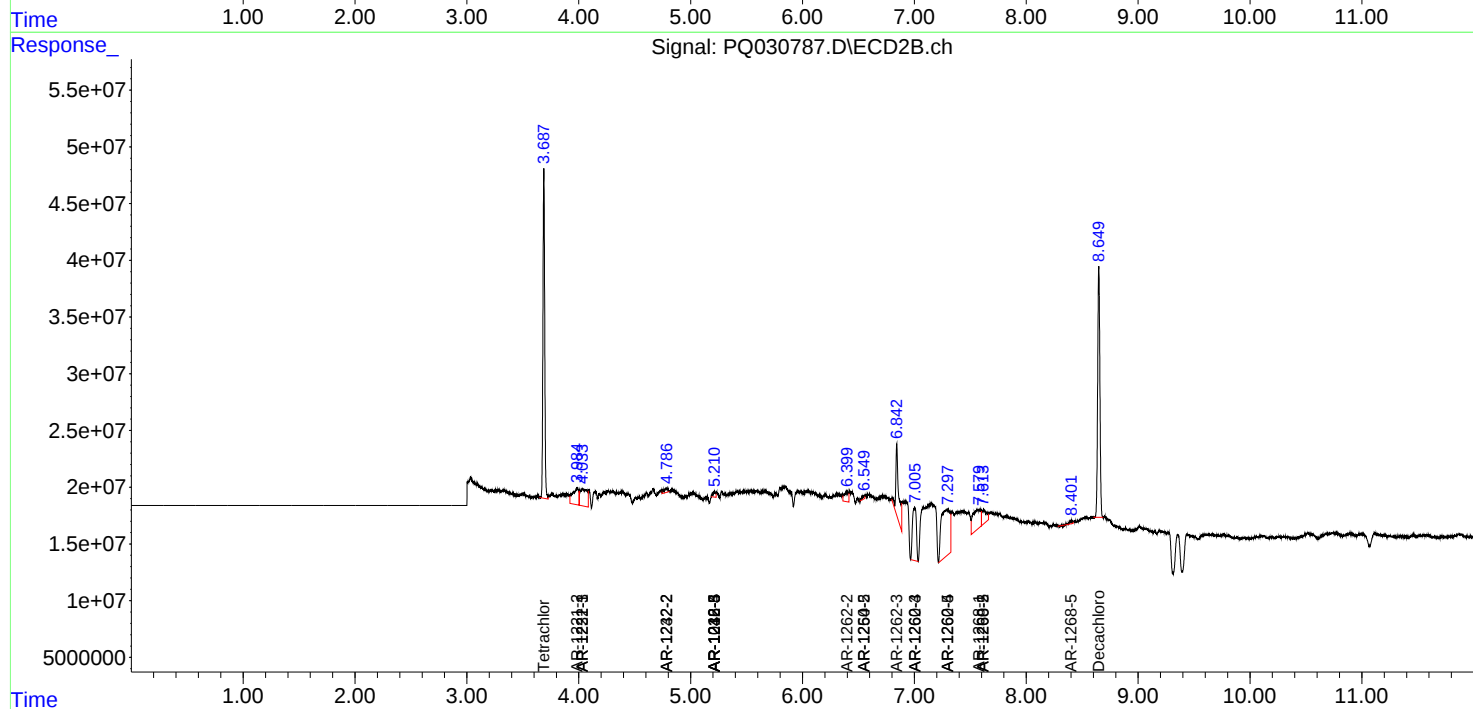
System Monitoring Compounds							
1)	SA Tetrachlo...	4.421	3.688	857.0E6	318.0E6	15.656	15.935
2)	SA Decachlor...	10.087	8.649	454.9E6	301.8E6	12.303	12.007
Target Compounds							
3)	L1 AR-1016-1	4.794	4.507	100.6E6	-7413457	129.312	N.D. #
4)	L1 AR-1016-2	5.300	0.000	76388563	0	67.389	N.D. #
5)	L1 AR-1016-3	5.677	0.000	30074672	0	20.884	N.D. #
6)	L1 AR-1016-4	5.771	0.000	17646102	0	13.814	N.D. #
7)	L1 AR-1016-5	6.145	5.211	41386515	8105457	34.213	14.948 #
8)	L2 AR-1221-1	4.663	0.000	178.9E6	0	218.532	N.D. #
9)	L2 AR-1221-2	4.725	3.984	115.1E6	55050993	165.722	269.527 #
10)	L2 AR-1221-3	4.794	4.034	100.6E6	69059854	58.073	109.105 #
11)	L3 AR-1232-1	4.794	4.034	100.6E6	69059854	83.402	187.441 #
12)	L3 AR-1232-2	5.300	4.787	76388563	9220655	133.495	32.304 #
13)	L3 AR-1232-3	5.677	0.000	30074672	0	42.519	N.D. #
14)	L3 AR-1232-4	5.771	5.211	17646102	8105457	28.012	35.286 #
16)	L4 AR-1242-1	5.300	4.507	76388563	-7413457	77.779	N.D. #
17)	L4 AR-1242-2	5.576	4.787	21416527	9220655	14.210	14.393
18)	L4 AR-1242-3	5.677	0.000	30074672	0	24.005	N.D. #
20)	L4 AR-1242-5	6.145	5.211	41386515	8105457	30.901	16.712 #
22)	L5 AR-1248-2	6.145	0.000	41386515	0	26.825	N.D. #
23)	L5 AR-1248-3	6.366	5.211	9376989	8105457	6.448	9.969 #
26)	L6 AR-1254-1	6.366	0.000	9376989	0	4.105	N.D. #
28)	L6 AR-1254-3	7.017	0.000	15416558	0	4.201	N.D. #
29)	L6 AR-1254-4	7.292	0.000	12528526	0	4.782	N.D. #
30)	L6 AR-1254-5	7.697	6.551	161.8E6	4717631	62.240	5.999 #
31)	L7 AR-1260-1	7.128	0.000	23249022	0	10.787	N.D. #
32)	L7 AR-1260-2	7.438	6.551	67608620	4717631	27.279	3.509 #
33)	L7 AR-1260-3	7.697	7.004	161.8E6	113.3E6	59.760	102.544 #
34)	L7 AR-1260-4	7.998	7.295	253.2E6	226.7E6	138.601	81.655 #
35)	L7 AR-1260-5	8.322	7.622	85210020	36242586	22.544	18.306
36)	L8 AR-1262-1	7.128	0.000	23249022	0	12.313	N.D. #
37)	L8 AR-1262-2	7.438	6.399	67608620	23183621	30.471	19.412 #
38)	L8 AR-1262-3	7.761	6.843	291.5E6	116.3E6	105.698	68.081 #
39)	L8 AR-1262-4	7.998	7.004	253.2E6	113.3E6	105.652	74.923 #
40)	L8 AR-1262-5	8.322	7.295	85210020	226.7E6	18.882	69.464 #
41)	L9 AR-1268-1	8.589	7.579	27954070	88040409	6.402	29.061 #
42)	L9 AR-1268-2	0.000	7.622	0	36242586	N.D.	12.120 #
44)	L9 AR-1268-4	9.370	0.000	13989415	0	9.273	N.D. #
45)	L9 AR-1268-5	0.000	8.400	0	4244920	N.D.	0.530 #

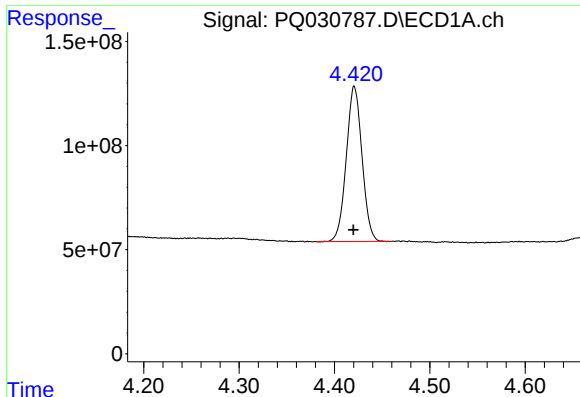
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Instrument :
ECD_Q
ClientSampleId :
LC-SD-EB02-180718

Instrument :
ECD_Q
ClientSampleId :
LC-SD-EB02-180718

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

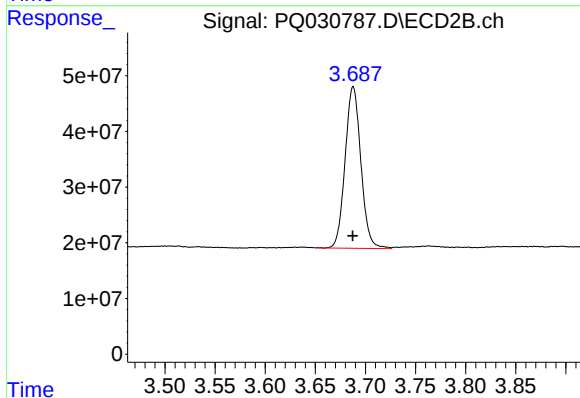




#1 Tetrachloro-m-xylene

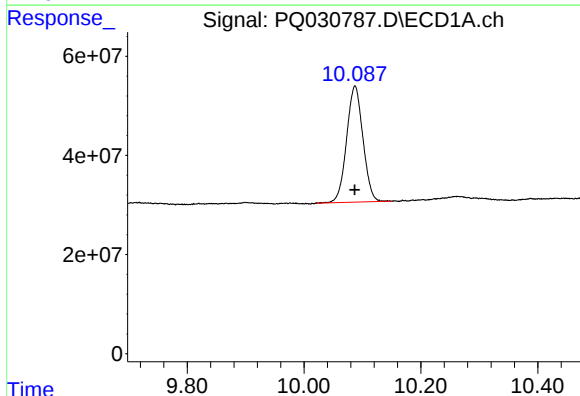
R.T.: 4.421 min
Delta R.T.: 0.000 min
Response: 857036198
Conc: 15.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LC-SD-EB02-180718



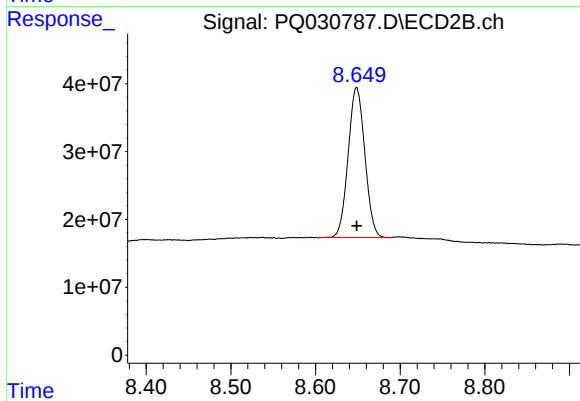
#1 Tetrachloro-m-xylene

R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 317960866
Conc: 15.93 ng/ml



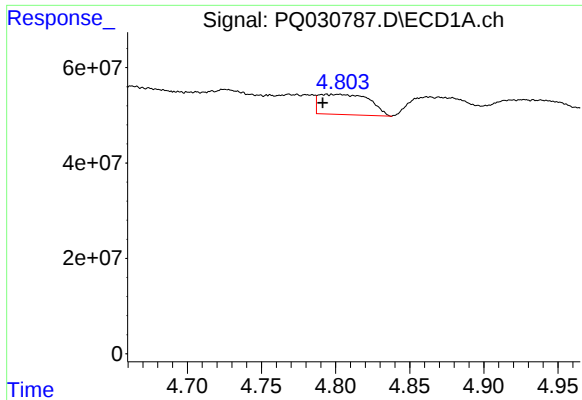
#2 Decachlorobiphenyl

R.T.: 10.087 min
Delta R.T.: 0.000 min
Response: 454895187
Conc: 12.30 ng/ml



#2 Decachlorobiphenyl

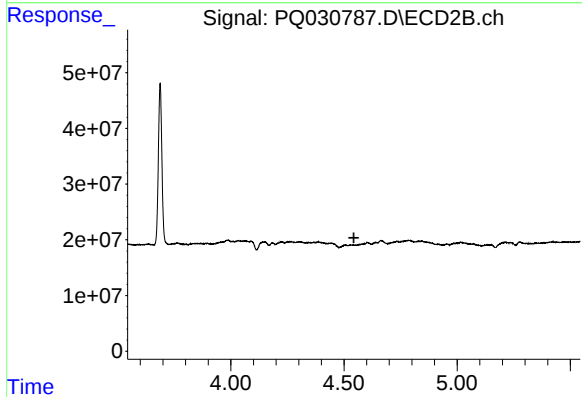
R.T.: 8.649 min
Delta R.T.: 0.000 min
Response: 301831762
Conc: 12.01 ng/ml



#3 AR-1016-1

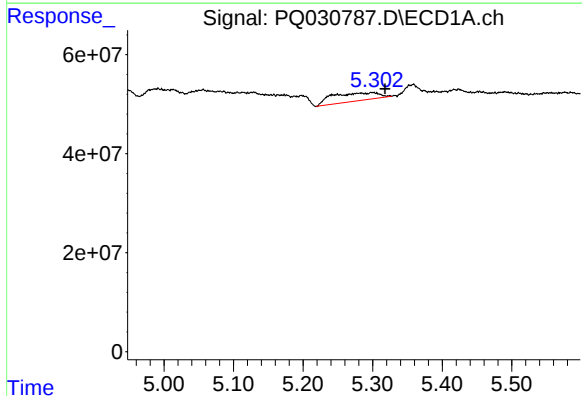
R.T.: 4.794 min
Delta R.T.: 0.002 min
Response: 100621737
Conc: 129.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LC-SD-EB02-180718



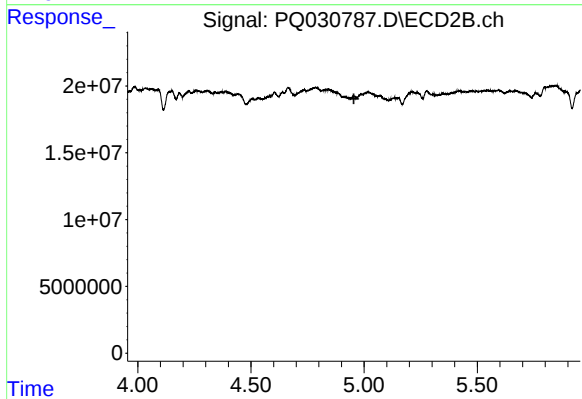
#3 AR-1016-1

R.T.: 4.507 min
Delta R.T.: -0.037 min
Response: -7413457
Conc: N.D.



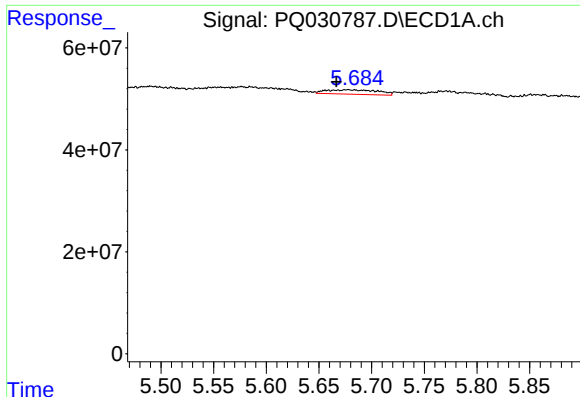
#4 AR-1016-2

R.T.: 5.300 min
Delta R.T.: -0.017 min
Response: 76388563
Conc: 67.39 ng/ml



#4 AR-1016-2

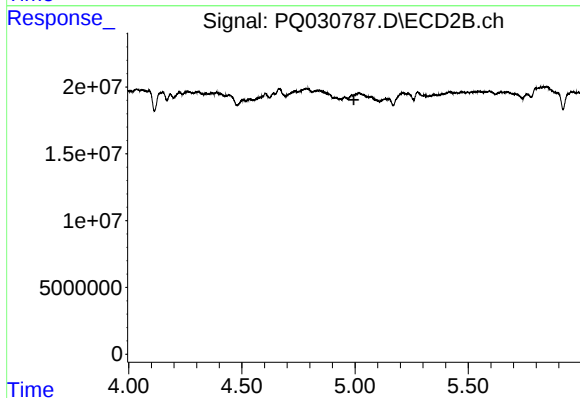
R.T.: 0.000 min
Exp R.T.: 4.955 min
Response: 0
Conc: N.D.



#5 AR-1016-3

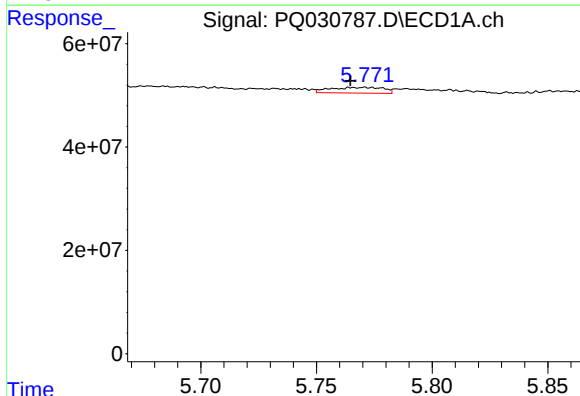
R.T.: 5.677 min
Delta R.T.: 0.011 min
Response: 30074672
Conc: 20.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LC-SD-EB02-180718



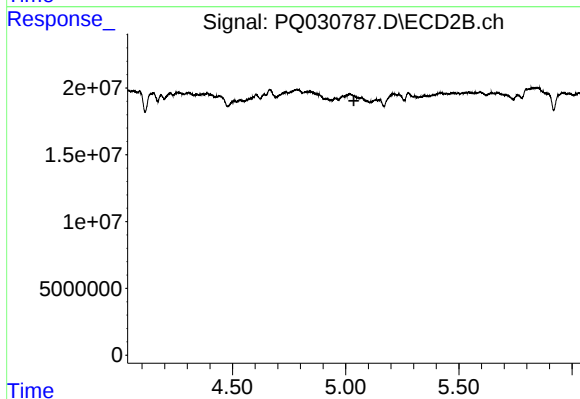
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.995 min
Response: 0
Conc: N.D.



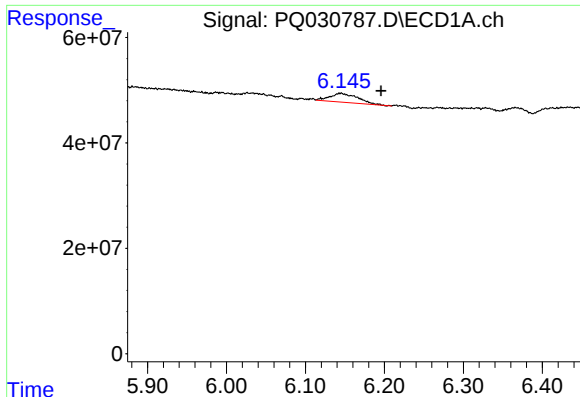
#6 AR-1016-4

R.T.: 5.771 min
Delta R.T.: 0.006 min
Response: 17646102
Conc: 13.81 ng/ml



#6 AR-1016-4

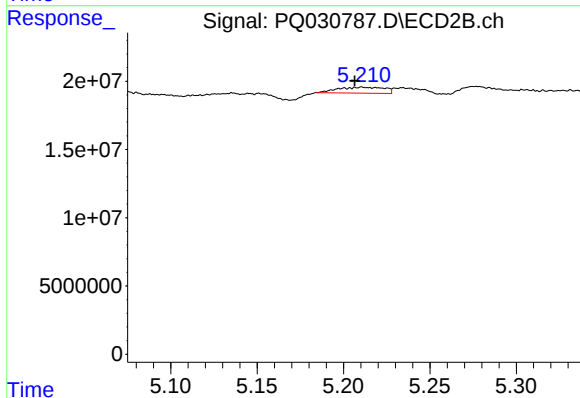
R.T.: 0.000 min
Exp R.T. : 5.036 min
Response: 0
Conc: N.D.



#7 AR-1016-5

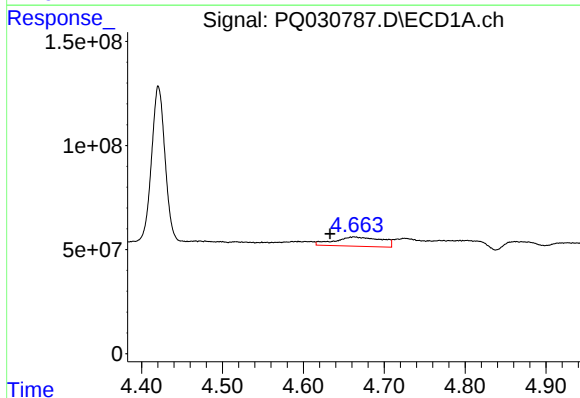
R.T.: 6.145 min
Delta R.T.: -0.051 min
Response: 41386515
Conc: 34.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LC-SD-EB02-180718



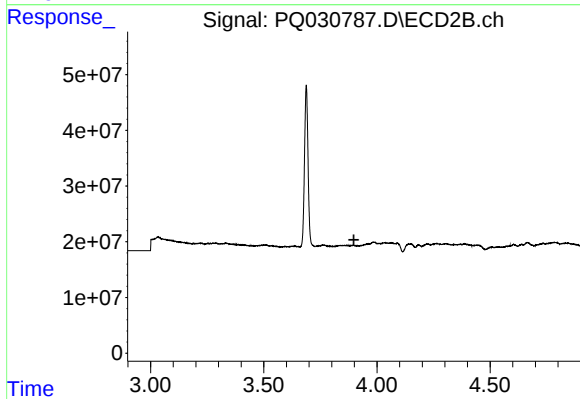
#7 AR-1016-5

R.T.: 5.211 min
Delta R.T.: 0.004 min
Response: 8105457
Conc: 14.95 ng/ml



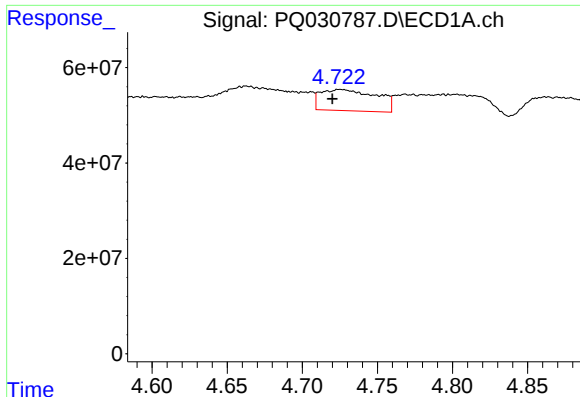
#8 AR-1221-1

R.T.: 4.663 min
Delta R.T.: 0.030 min
Response: 178878060
Conc: 218.53 ng/ml



#8 AR-1221-1

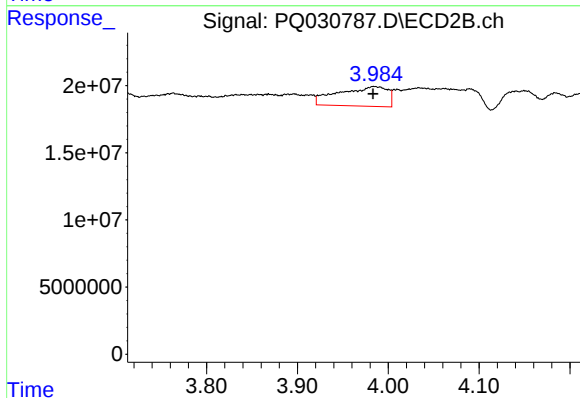
R.T.: 0.000 min
Exp R.T.: 3.898 min
Response: 0
Conc: N.D.



#9 AR-1221-2

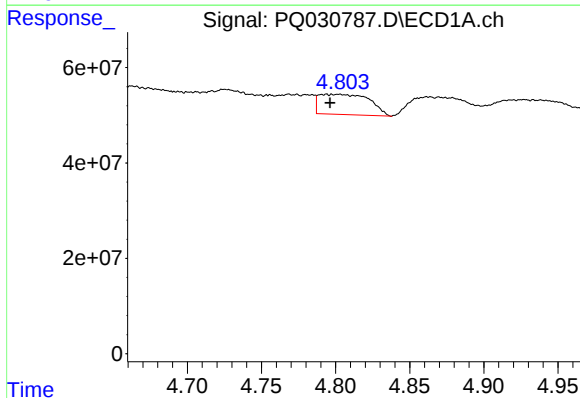
R.T.: 4.725 min
Delta R.T.: 0.005 min
Response: 115053875
Conc: 165.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LC-SD-EB02-180718



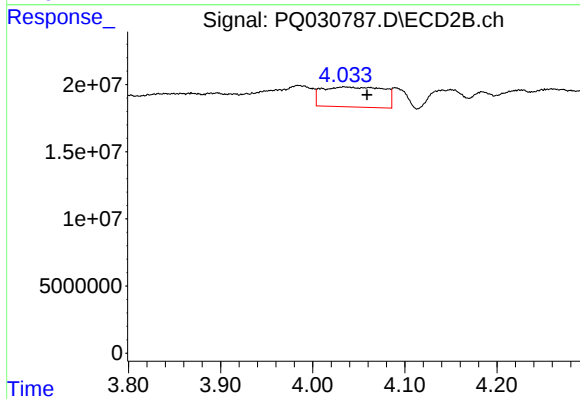
#9 AR-1221-2

R.T.: 3.984 min
Delta R.T.: 0.001 min
Response: 55050993
Conc: 269.53 ng/ml



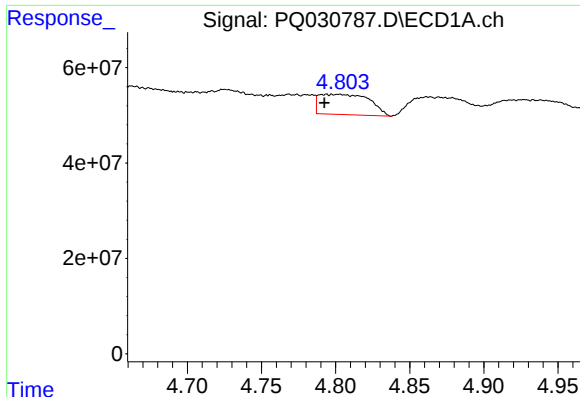
#10 AR-1221-3

R.T.: 4.794 min
Delta R.T.: -0.003 min
Response: 100621737
Conc: 58.07 ng/ml



#10 AR-1221-3

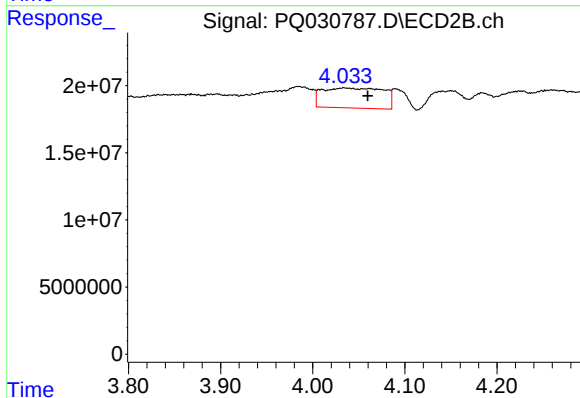
R.T.: 4.034 min
Delta R.T.: -0.025 min
Response: 69059854
Conc: 109.10 ng/ml



#11 AR-1232-1

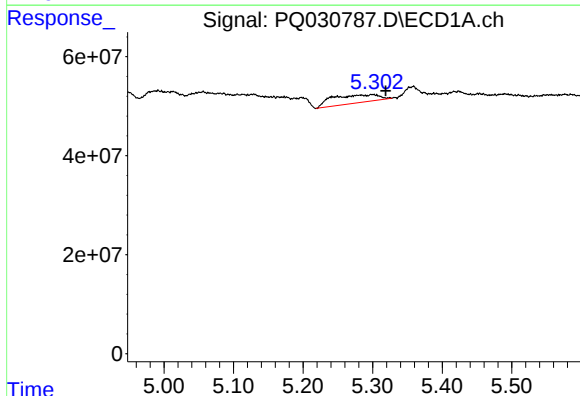
R.T.: 4.794 min
Delta R.T.: 0.001 min
Response: 100621737
Conc: 83.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LC-SD-EB02-180718



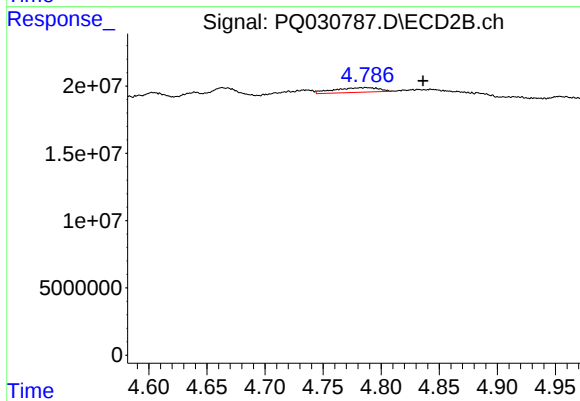
#11 AR-1232-1

R.T.: 4.034 min
Delta R.T.: -0.026 min
Response: 69059854
Conc: 187.44 ng/ml



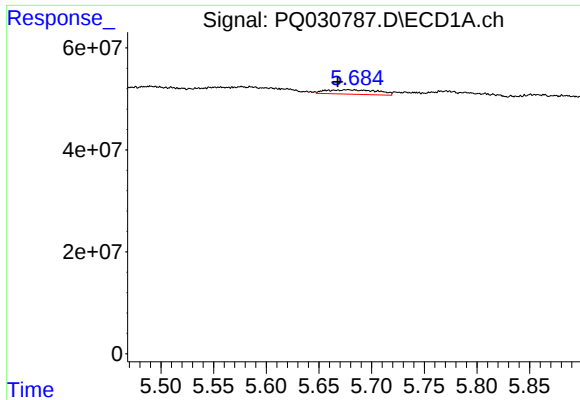
#12 AR-1232-2

R.T.: 5.300 min
Delta R.T.: -0.019 min
Response: 76388563
Conc: 133.50 ng/ml



#12 AR-1232-2

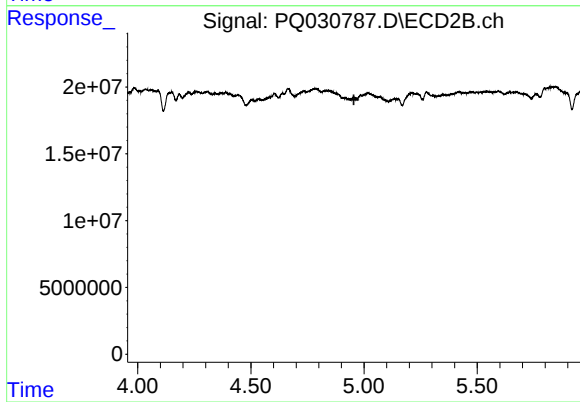
R.T.: 4.787 min
Delta R.T.: -0.049 min
Response: 9220655
Conc: 32.30 ng/ml



#13 AR-1232-3

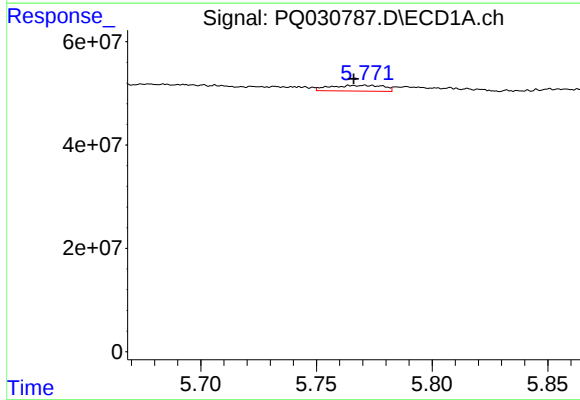
R.T.: 5.677 min
Delta R.T.: 0.009 min
Response: 30074672
Conc: 42.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LC-SD-EB02-180718



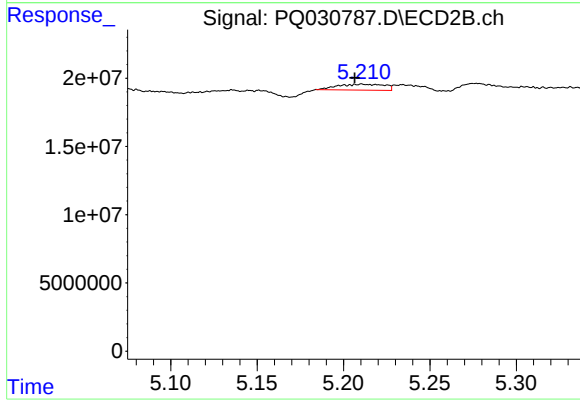
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.955 min
Response: 0
Conc: N.D.



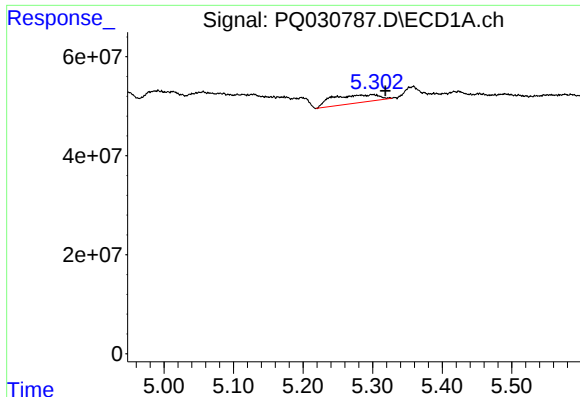
#14 AR-1232-4

R.T.: 5.771 min
Delta R.T.: 0.005 min
Response: 17646102
Conc: 28.01 ng/ml



#14 AR-1232-4

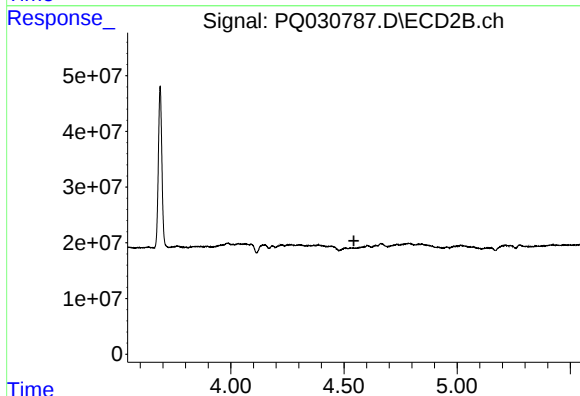
R.T.: 5.211 min
Delta R.T.: 0.004 min
Response: 8105457
Conc: 35.29 ng/ml



#16 AR-1242-1

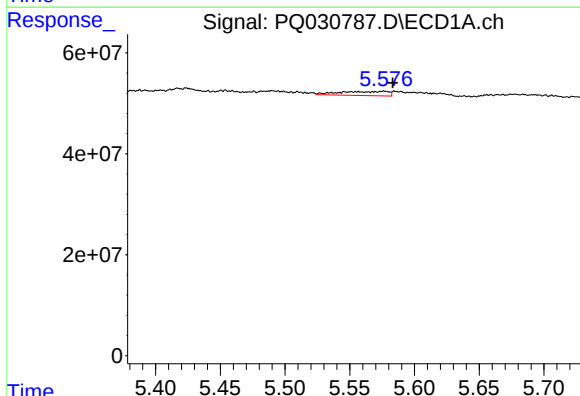
R.T.: 5.300 min
Delta R.T.: -0.018 min
Response: 76388563
Conc: 77.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LC-SD-EB02-180718



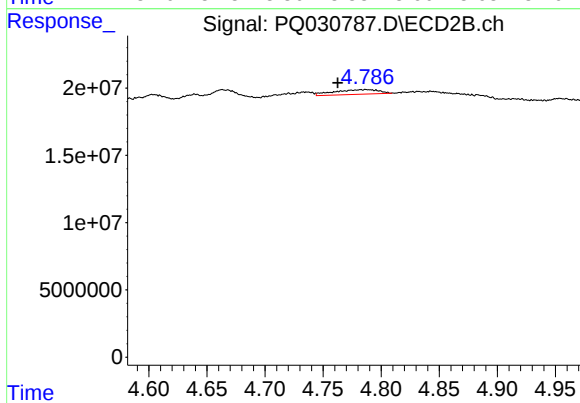
#16 AR-1242-1

R.T.: 4.507 min
Delta R.T.: -0.037 min
Response: -7413457
Conc: N.D.



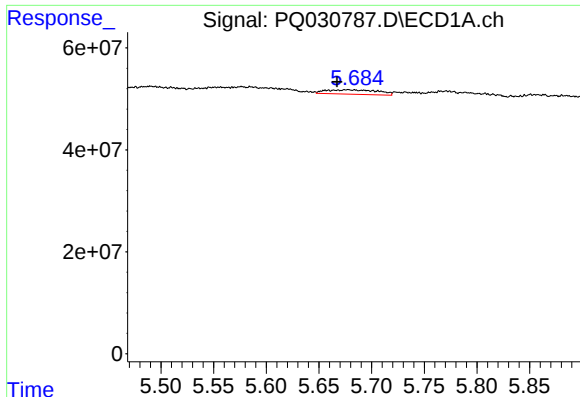
#17 AR-1242-2

R.T.: 5.576 min
Delta R.T.: -0.007 min
Response: 21416527
Conc: 14.21 ng/ml



#17 AR-1242-2

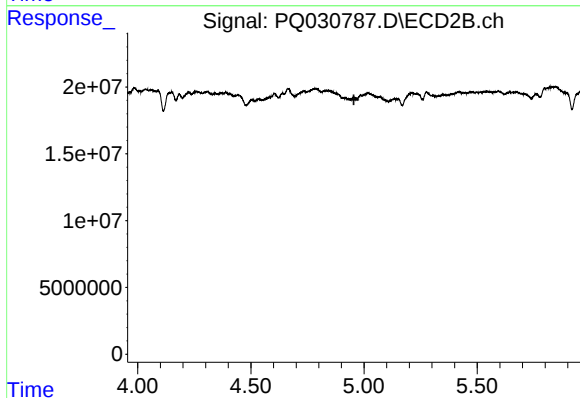
R.T.: 4.787 min
Delta R.T.: 0.025 min
Response: 9220655
Conc: 14.39 ng/ml



#18 AR-1242-3

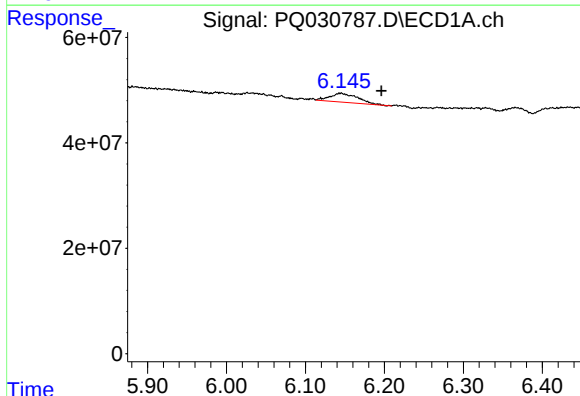
R.T.: 5.677 min
Delta R.T.: 0.010 min
Response: 30074672
Conc: 24.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LC-SD-EB02-180718



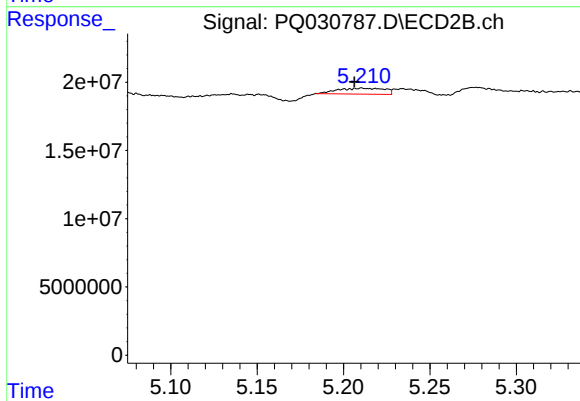
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.955 min
Response: 0
Conc: N.D.



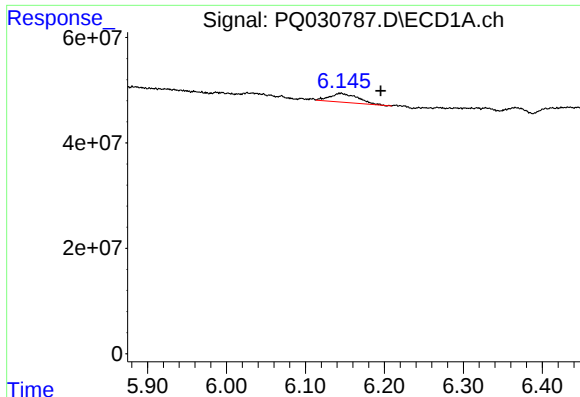
#20 AR-1242-5

R.T.: 6.145 min
Delta R.T.: -0.051 min
Response: 41386515
Conc: 30.90 ng/ml



#20 AR-1242-5

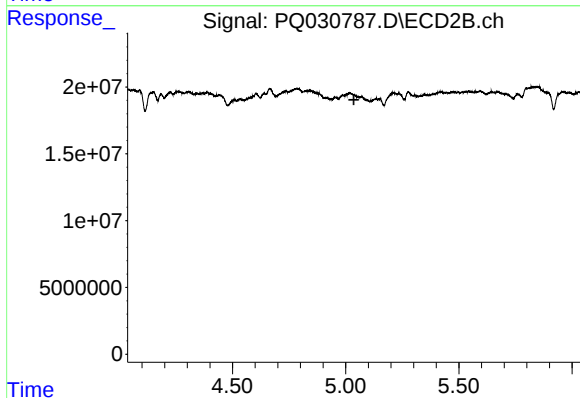
R.T.: 5.211 min
Delta R.T.: 0.004 min
Response: 8105457
Conc: 16.71 ng/ml



#22 AR-1248-2

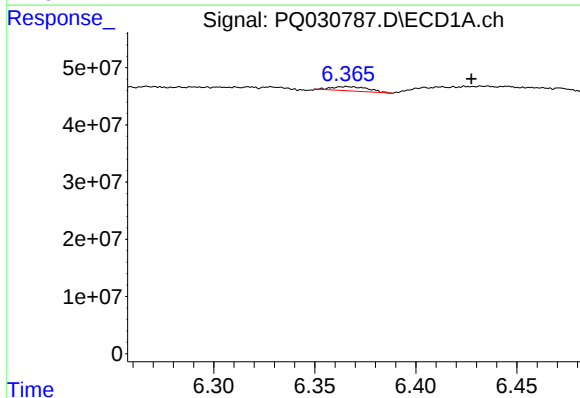
R.T.: 6.145 min
Delta R.T.: -0.050 min
Response: 41386515
Conc: 26.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LC-SD-EB02-180718



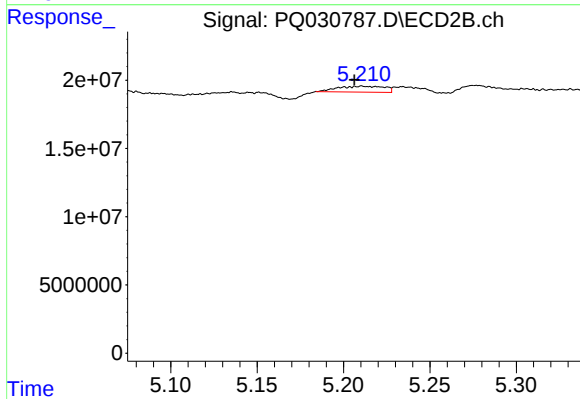
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.036 min
Response: 0
Conc: N.D.



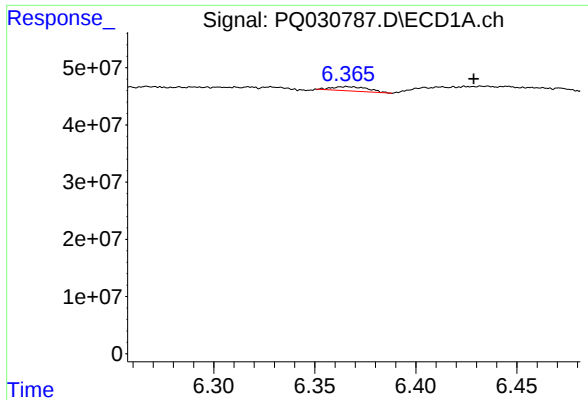
#23 AR-1248-3

R.T.: 6.366 min
Delta R.T.: -0.061 min
Response: 9376989
Conc: 6.45 ng/ml



#23 AR-1248-3

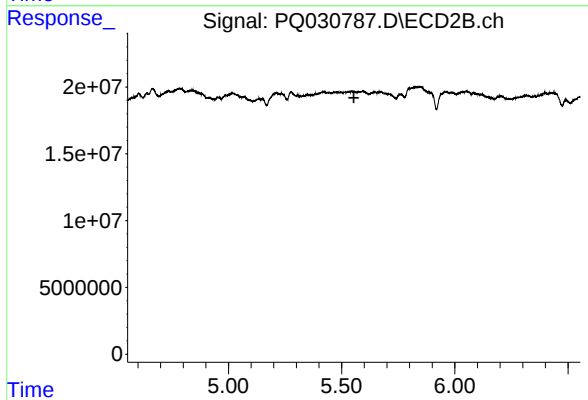
R.T.: 5.211 min
Delta R.T.: 0.004 min
Response: 8105457
Conc: 9.97 ng/ml



#26 AR-1254-1

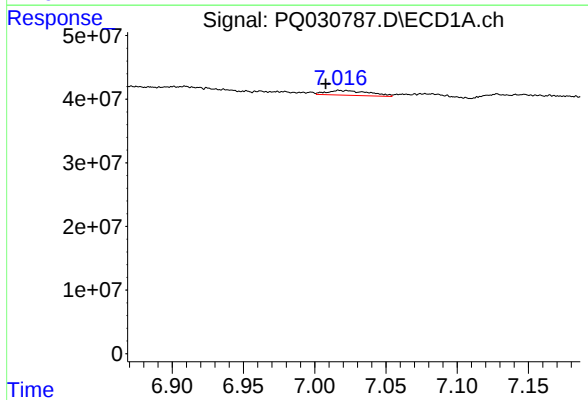
R.T.: 6.366 min
Delta R.T.: -0.063 min
Response: 9376989
Conc: 4.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LC-SD-EB02-180718



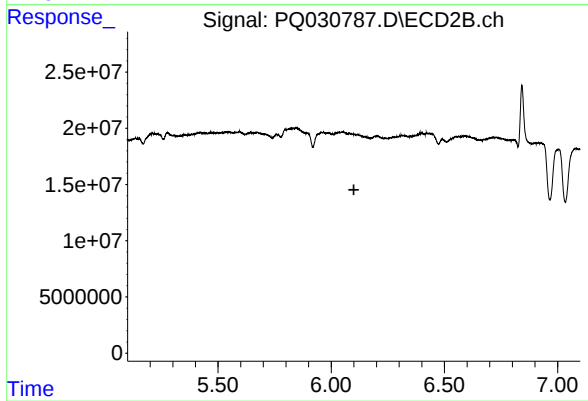
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 5.554 min
Response: 0
Conc: N.D.



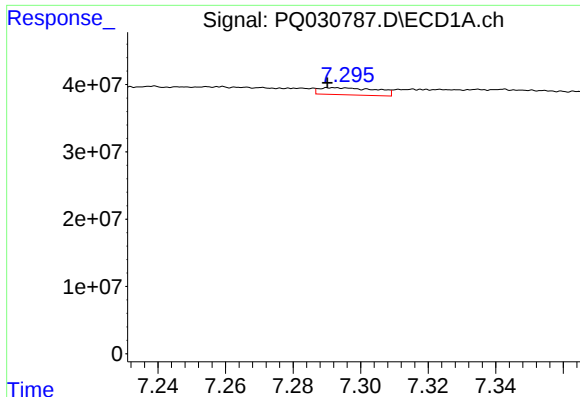
#28 AR-1254-3

R.T.: 7.017 min
Delta R.T.: 0.010 min
Response: 15416558
Conc: 4.20 ng/ml



#28 AR-1254-3

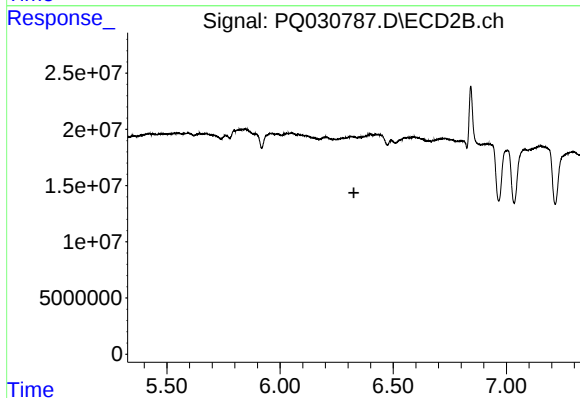
R.T.: 0.000 min
Exp R.T. : 6.100 min
Response: 0
Conc: N.D.



#29 AR-1254-4

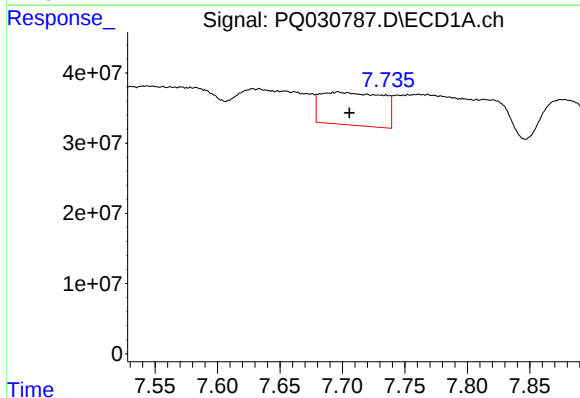
R.T.: 7.292 min
Delta R.T.: 0.002 min
Response: 12528526
Conc: 4.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LC-SD-EB02-180718



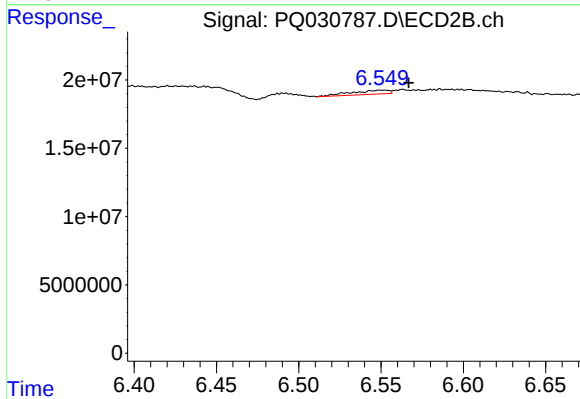
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T.: 6.326 min
Response: 0
Conc: N.D.



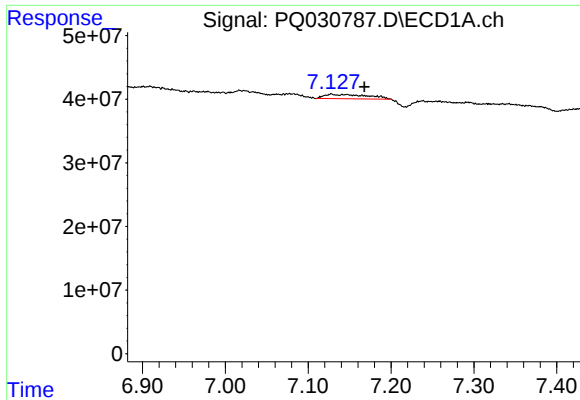
#30 AR-1254-5

R.T.: 7.697 min
Delta R.T.: -0.009 min
Response: 161839092
Conc: 62.24 ng/ml



#30 AR-1254-5

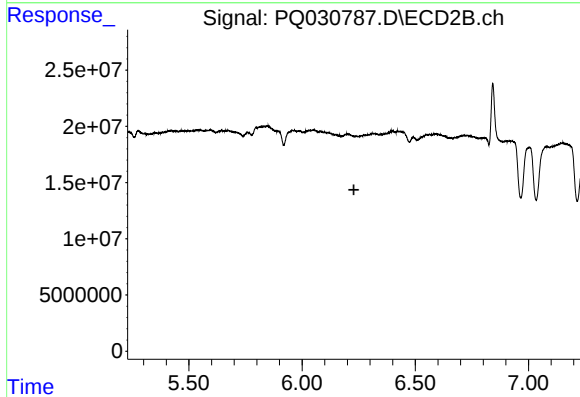
R.T.: 6.551 min
Delta R.T.: -0.016 min
Response: 4717631
Conc: 6.00 ng/ml



#31 AR-1260-1

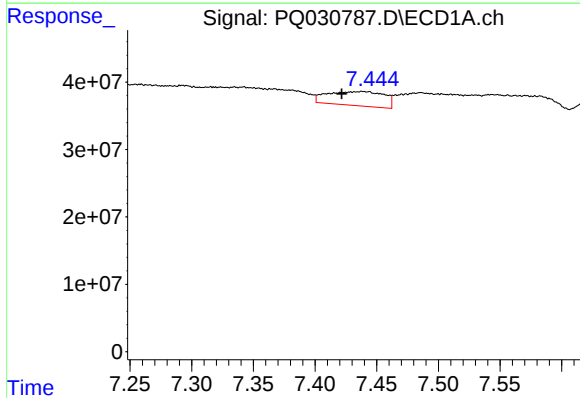
R.T.: 7.128 min
Delta R.T.: -0.040 min
Response: 23249022
Conc: 10.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LC-SD-EB02-180718



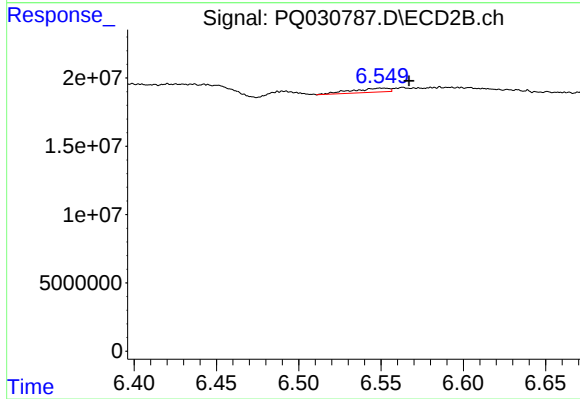
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.229 min
Response: 0
Conc: N.D.



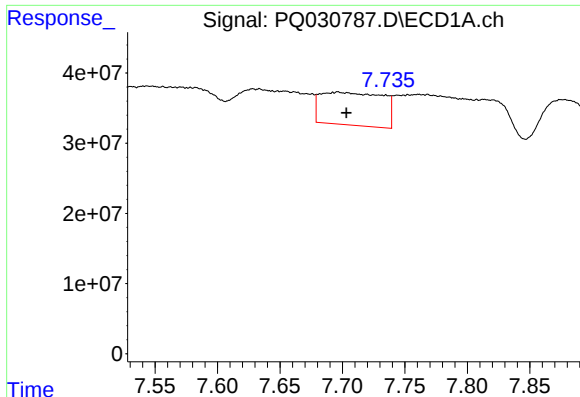
#32 AR-1260-2

R.T.: 7.438 min
Delta R.T.: 0.017 min
Response: 67608620
Conc: 27.28 ng/ml



#32 AR-1260-2

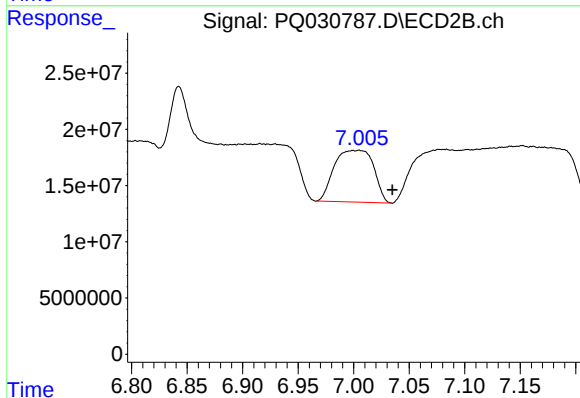
R.T.: 6.551 min
Delta R.T.: -0.016 min
Response: 4717631
Conc: 3.51 ng/ml



#33 AR-1260-3

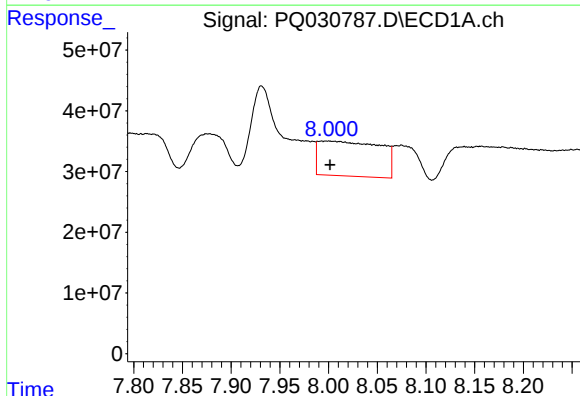
R.T.: 7.697 min
Delta R.T.: -0.007 min
Response: 161839092
Conc: 59.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LC-SD-EB02-180718



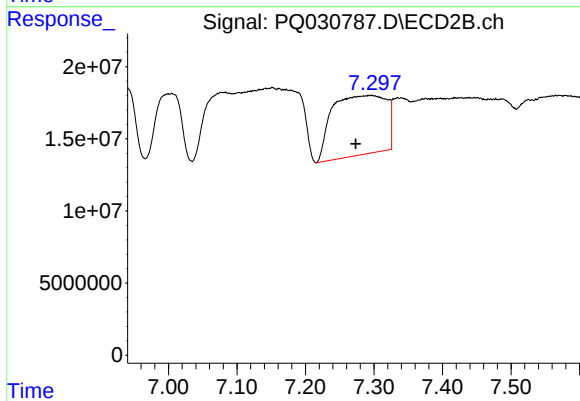
#33 AR-1260-3

R.T.: 7.004 min
Delta R.T.: -0.031 min
Response: 113311381
Conc: 102.54 ng/ml



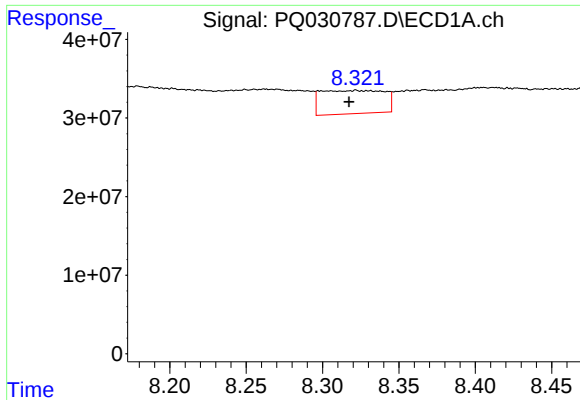
#34 AR-1260-4

R.T.: 7.998 min
Delta R.T.: -0.004 min
Response: 253249447
Conc: 138.60 ng/ml



#34 AR-1260-4

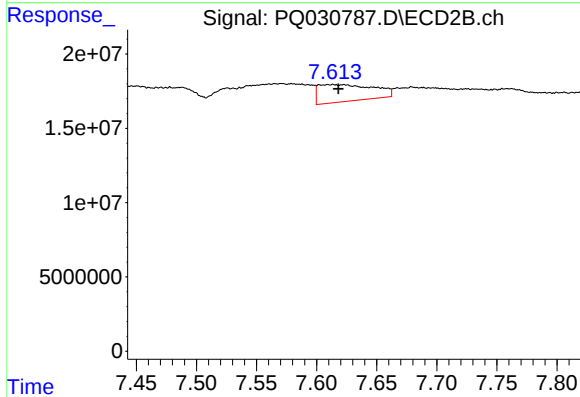
R.T.: 7.295 min
Delta R.T.: 0.022 min
Response: 226719384
Conc: 81.65 ng/ml



#35 AR-1260-5

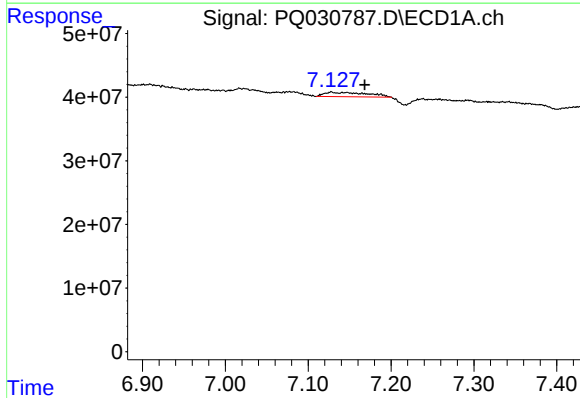
R.T.: 8.322 min
Delta R.T.: 0.005 min
Response: 85210020
Conc: 22.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LC-SD-EB02-180718



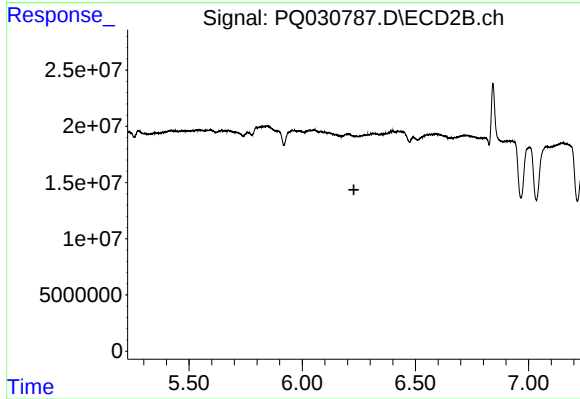
#35 AR-1260-5

R.T.: 7.622 min
Delta R.T.: 0.004 min
Response: 36242586
Conc: 18.31 ng/ml



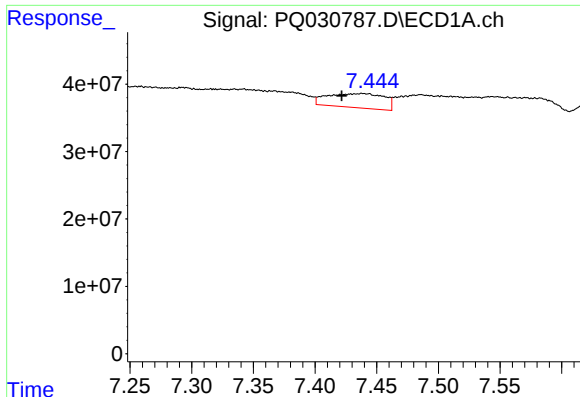
#36 AR-1262-1

R.T.: 7.128 min
Delta R.T.: -0.041 min
Response: 23249022
Conc: 12.31 ng/ml



#36 AR-1262-1

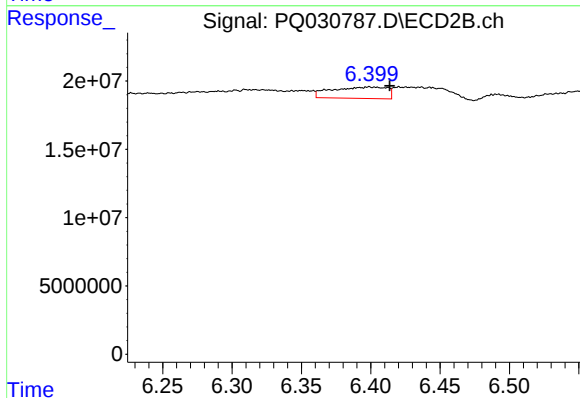
R.T.: 0.000 min
Exp R.T.: 6.228 min
Response: 0
Conc: N.D.



#37 AR-1262-2

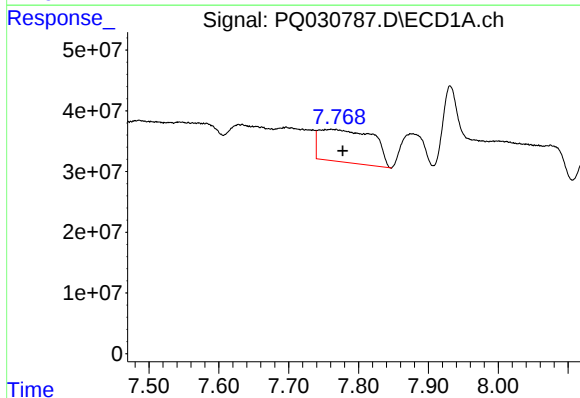
R.T.: 7.438 min
Delta R.T.: 0.017 min
Response: 67608620
Conc: 30.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LC-SD-EB02-180718



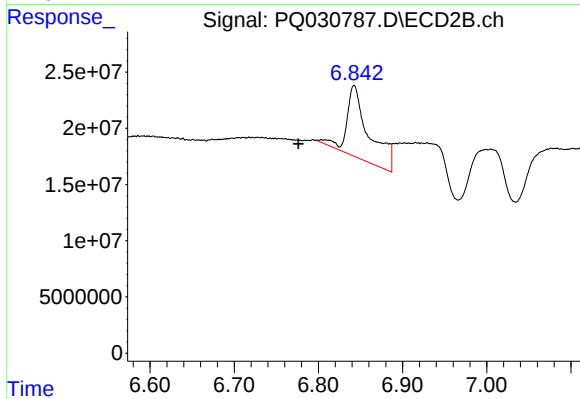
#37 AR-1262-2

R.T.: 6.399 min
Delta R.T.: -0.015 min
Response: 23183621
Conc: 19.41 ng/ml



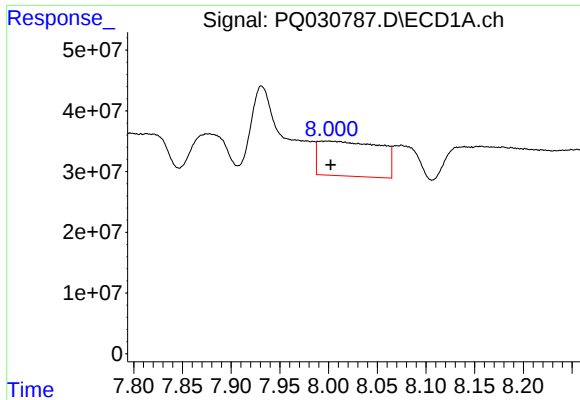
#38 AR-1262-3

R.T.: 7.761 min
Delta R.T.: -0.017 min
Response: 291535592
Conc: 105.70 ng/ml



#38 AR-1262-3

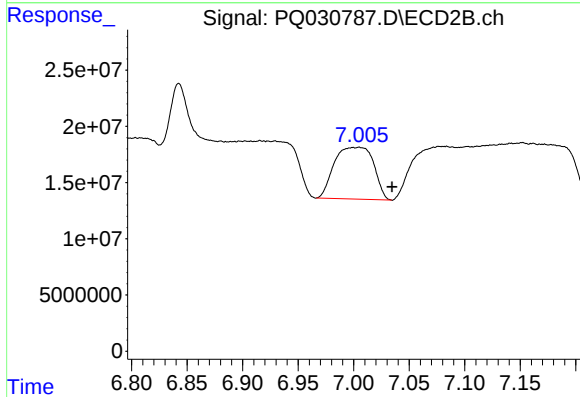
R.T.: 6.843 min
Delta R.T.: 0.066 min
Response: 116326436
Conc: 68.08 ng/ml



#39 AR-1262-4

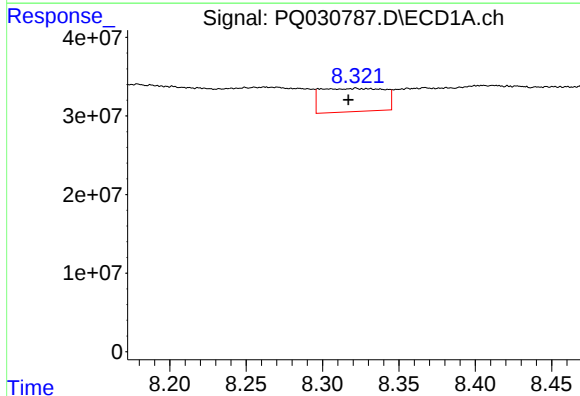
R.T.: 7.998 min
Delta R.T.: -0.004 min
Response: 253249447
Conc: 105.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LC-SD-EB02-180718



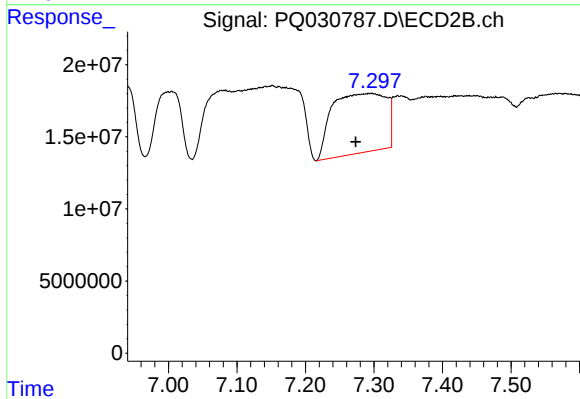
#39 AR-1262-4

R.T.: 7.004 min
Delta R.T.: -0.031 min
Response: 113311381
Conc: 74.92 ng/ml



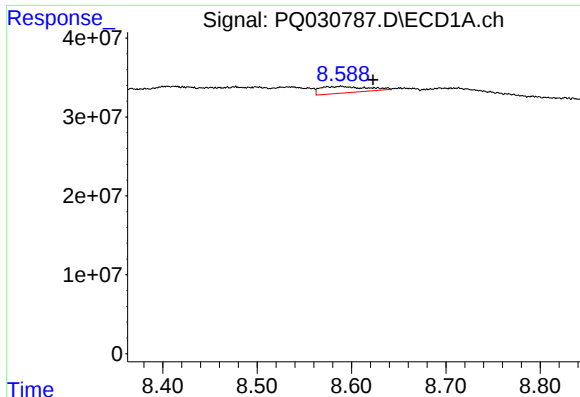
#40 AR-1262-5

R.T.: 8.322 min
Delta R.T.: 0.005 min
Response: 85210020
Conc: 18.88 ng/ml



#40 AR-1262-5

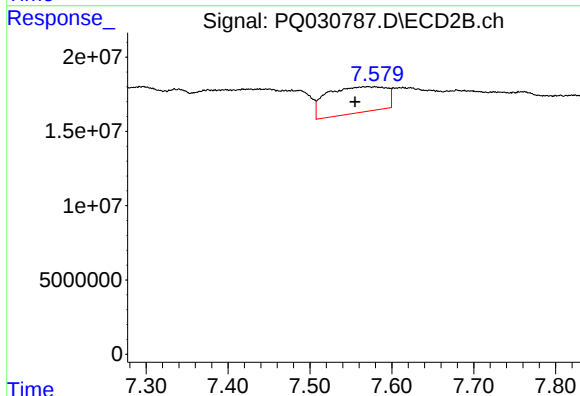
R.T.: 7.295 min
Delta R.T.: 0.022 min
Response: 226719384
Conc: 69.46 ng/ml



#41 AR-1268-1

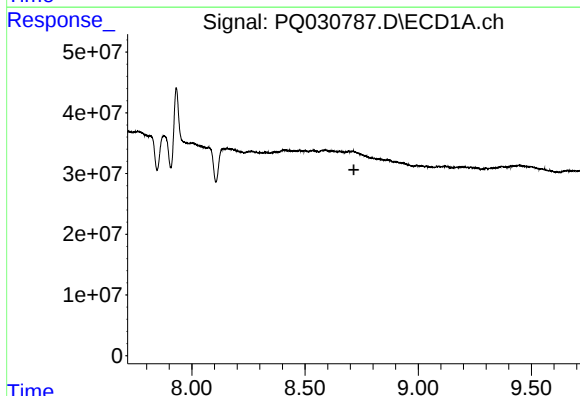
R.T.: 8.589 min
Delta R.T.: -0.034 min
Response: 27954070
Conc: 6.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LC-SD-EB02-180718



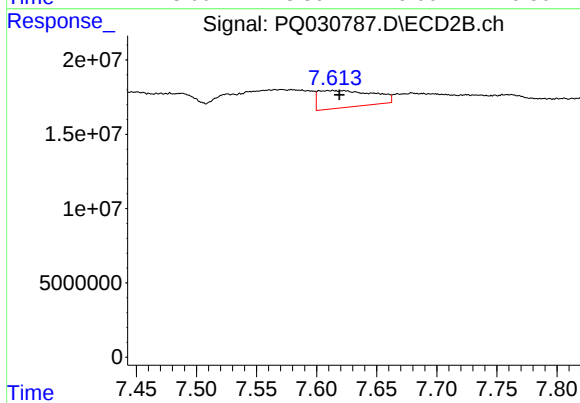
#41 AR-1268-1

R.T.: 7.579 min
Delta R.T.: 0.024 min
Response: 88040409
Conc: 29.06 ng/ml



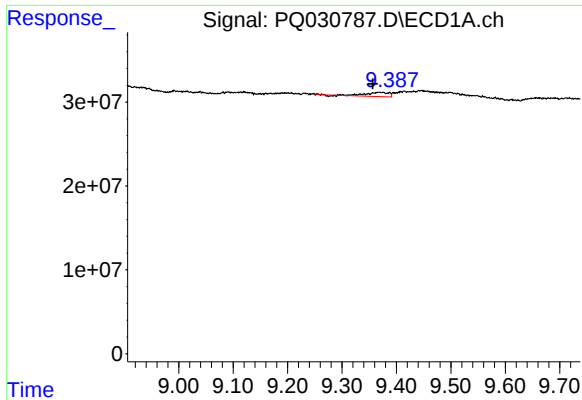
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.716 min
Response: 0
Conc: N.D.



#42 AR-1268-2

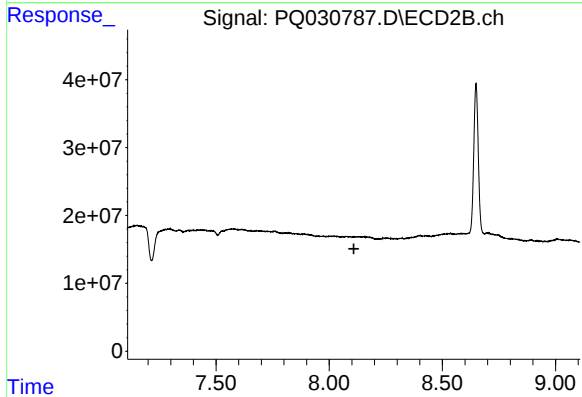
R.T.: 7.622 min
Delta R.T.: 0.003 min
Response: 36242586
Conc: 12.12 ng/ml



#44 AR-1268-4

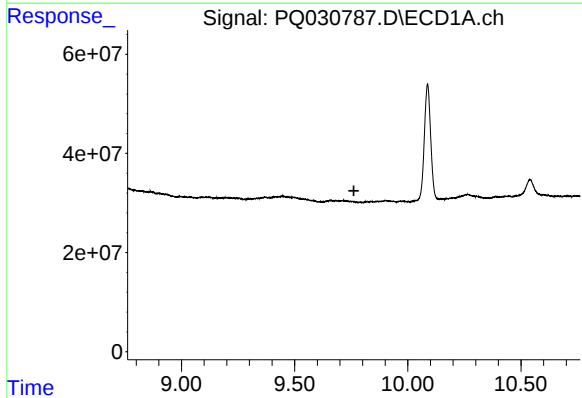
R.T.: 9.370 min
Delta R.T.: 0.013 min
Response: 13989415
Conc: 9.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LC-SD-EB02-180718



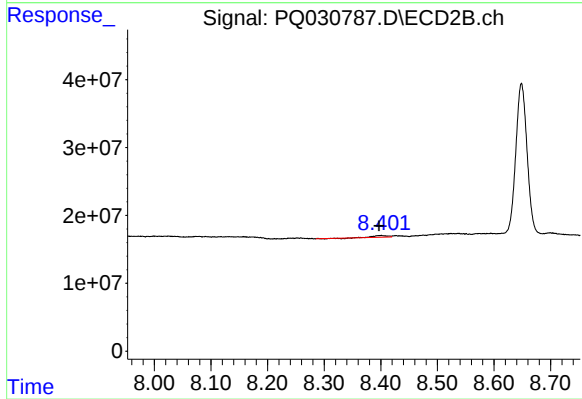
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.109 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.762 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.400 min
Delta R.T.: 0.003 min
Response: 4244920
Conc: 0.53 ng/ml