

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121119\
 Data File : PQ045786.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Dec 2019 02:22
 Operator : SM\AJ
 Sample : K6247-01
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 04:48:37 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ121119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Dec 11 11:57:47 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...	5.240	4.368	38775266	47198428	24.140	27.625
2)	SA Decachlor...	11.403	9.809	166.4E6	117.7E6	22.406	20.258
Target Compounds							
3)	L1 AR-1016-1	6.590	0.000	14105179	0	194.324	N.D. #
4)	L1 AR-1016-2	6.590	5.725	14105179	7561365	119.689	65.428 #
5)	L1 AR-1016-3	6.656	0.000	4732533	0	67.369	N.D. #
6)	L1 AR-1016-4	6.758	5.982	9105667	5478447	156.917	101.642 #
7)	L1 AR-1016-5	7.100	0.000	5467302	0	81.827	N.D. #
8)	L2 AR-1221-1	5.459	4.637	20471020	8669843	1169.733	480.391 #
9)	L2 AR-1221-2	5.607	4.732	20963552	20942878	1666.358	1564.702
10)	L2 AR-1221-3	5.683	4.871	11086051	12377939	259.017	273.286
11)	L3 AR-1232-1	5.683	4.871	11086051	12377939	186.921	184.263
12)	L3 AR-1232-2	6.266	5.725	28250712	7561365	814.690	87.690 #
13)	L3 AR-1232-3	6.590	0.000	14105179	0	172.263	N.D. #
14)	L3 AR-1232-4	6.758	5.982	9105667	5478447	226.869	131.095 #
15)	L3 AR-1232-5	6.856	0.000	9288746	0	284.502	N.D. #
16)	L4 AR-1242-1	6.590	0.000	14105179	0	252.151	N.D. #
17)	L4 AR-1242-2	6.590	5.725	14105179	7561365	158.844	87.900 #
18)	L4 AR-1242-3	6.656	0.000	4732533	0	90.251	N.D. #
19)	L4 AR-1242-4	6.758	5.982	9105667	5478447	209.451	108.755 #
20)	L4 AR-1242-5	7.547	6.541	1444949	9785681	18.829	141.098 #
21)	L5 AR-1248-1	6.590	0.000	14105179	0	307.423	N.D. #
22)	L5 AR-1248-2	6.856	5.982	9288746	5478447	124.401	75.852 #
23)	L5 AR-1248-3	7.100	5.982	5467302	5478447	62.541	71.716
25)	L5 AR-1248-5	7.547	6.588	1444949	8442954	12.491	89.532 #
26)	L6 AR-1254-1	7.505	6.541	-3835514	9785681	N.D.	57.959 #
27)	L6 AR-1254-2	7.684	6.695	22577469	8907593	103.070	56.417 #
28)	L6 AR-1254-3	8.105	7.113	18164219	8069109	73.459	29.573 #
29)	L6 AR-1254-4	8.370	7.355	31579187	14129666	153.711	82.510 #
30)	L6 AR-1254-5	8.801	7.791	33525744	7431848	141.661	26.761 #
31)	L7 AR-1260-1	8.240	7.259	47021797	7213410	273.480	44.590 #
32)	L7 AR-1260-2	8.502	7.449	42994195	7672038	193.016	37.895 #
33)	L7 AR-1260-3	8.879	7.613	5506604	5977510	27.655	30.873
34)	L7 AR-1260-4	9.108	0.000	28836902	0	129.161	N.D. #
35)	L7 AR-1260-5	9.457	8.321	29067964	14917667	56.525	30.364 #
36)	L8 AR-1262-1	8.879	7.791	5506604	7431848	16.483	50.786 #
37)	L8 AR-1262-2	9.457	8.321	29067964	14917667	43.457	23.167 #
38)	L8 AR-1262-3	9.799	0.000	32679436	0	66.371	N.D. #
39)	L8 AR-1262-4	9.900	8.722	23763766	3686673	53.057	7.133 #
40)	L8 AR-1262-5	10.620	0.000	4226158	0	13.065	N.D. #
41)	L9 AR-1268-1	9.799	0.000	32679436	0	40.895	N.D. #
42)	L9 AR-1268-2	9.900	8.722	23763766	3686673	28.196	5.107 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121119\
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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ121119.M
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 QLast Update : Wed Dec 11 11:57:47 2019
 Response via : Initial Calibration
 Integrator: ChemStation

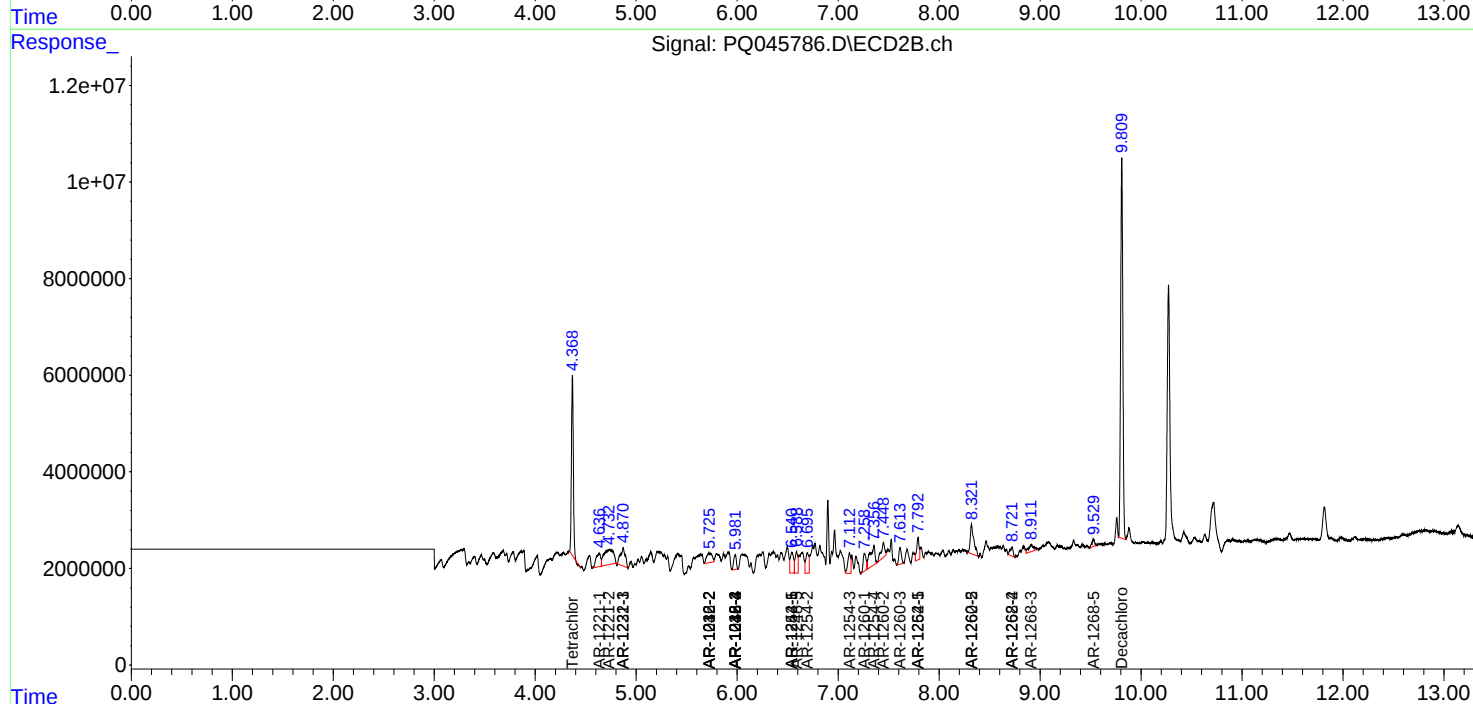
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

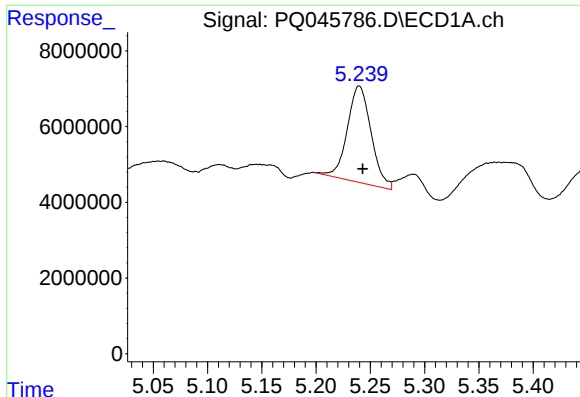
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	0.000	8.911	0	5281185	N.D.	9.456 #
44) L9	AR-1268-4	10.620	0.000	4226158	0	13.169	N.D. #
45) L9	AR-1268-5	11.041	9.530	6672893	2686116	2.408	1.195 #

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

Instrument :
ECD_Q
ClientSampleId :

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

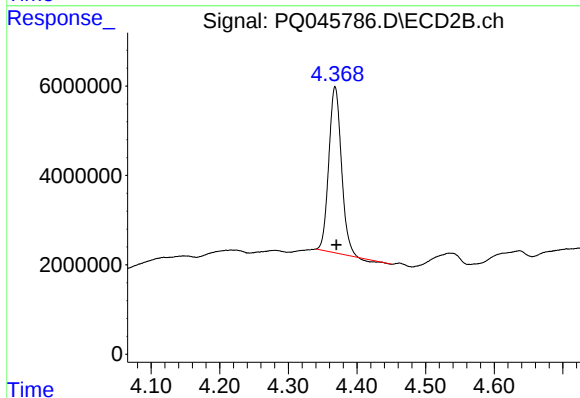




#1 Tetrachloro-m-xylene

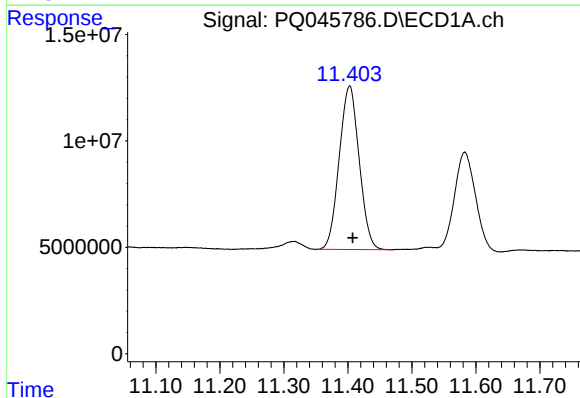
R.T.: 5.240 min
Delta R.T.: -0.003 min
Response: 38775266
Conc: 24.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



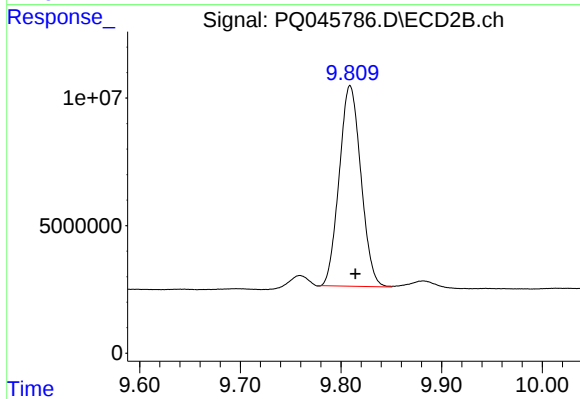
#1 Tetrachloro-m-xylene

R.T.: 4.368 min
Delta R.T.: -0.002 min
Response: 47198428
Conc: 27.62 ng/ml



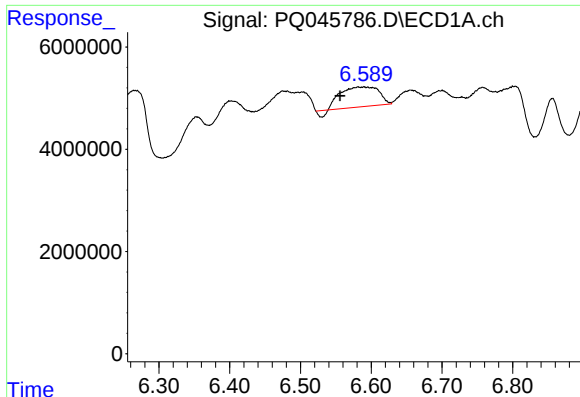
#2 Decachlorobiphenyl

R.T.: 11.403 min
Delta R.T.: -0.005 min
Response: 166405588
Conc: 22.41 ng/ml



#2 Decachlorobiphenyl

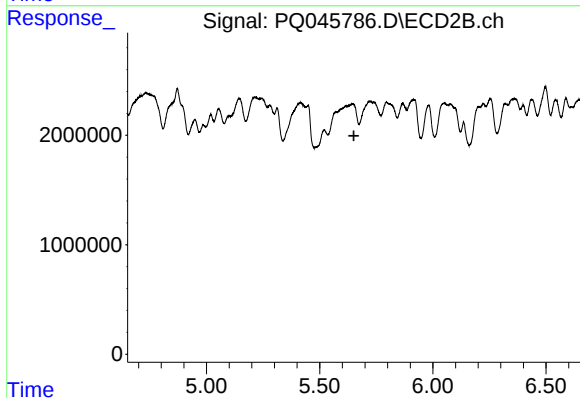
R.T.: 9.809 min
Delta R.T.: -0.005 min
Response: 117735111
Conc: 20.26 ng/ml



#3 AR-1016-1

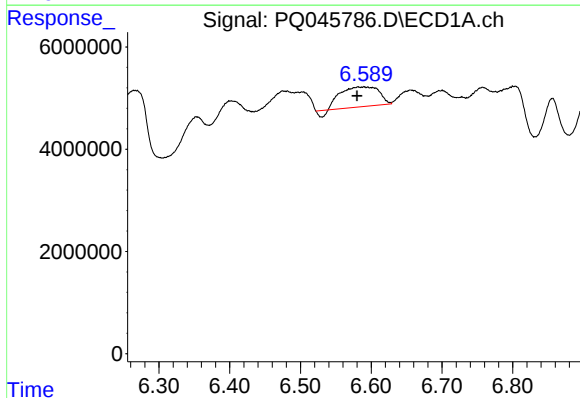
R.T.: 6.590 min
Delta R.T.: 0.034 min
Response: 14105179
Conc: 194.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



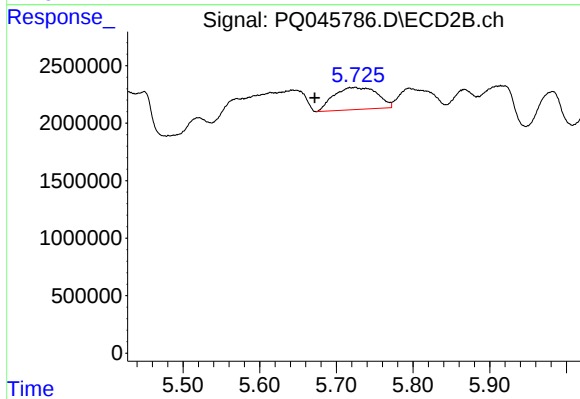
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.651 min
Response: 0
Conc: N.D.



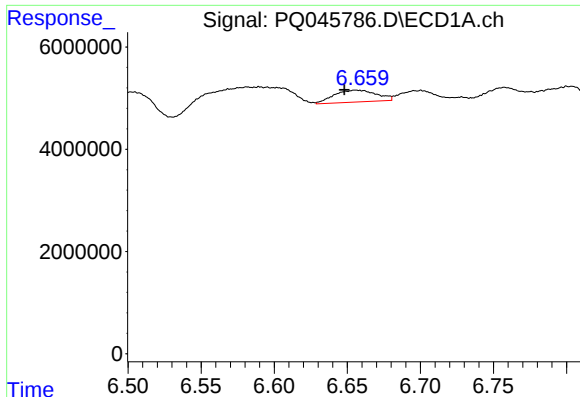
#4 AR-1016-2

R.T.: 6.590 min
Delta R.T.: 0.010 min
Response: 14105179
Conc: 119.69 ng/ml



#4 AR-1016-2

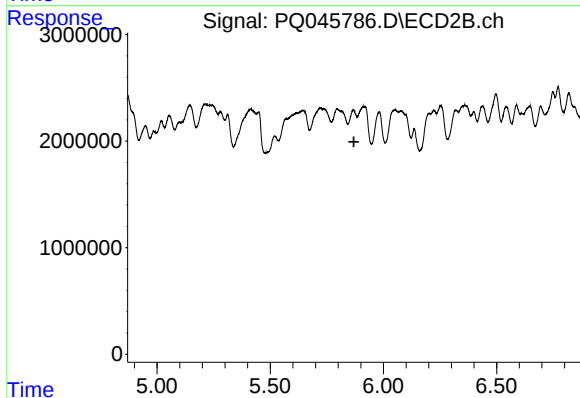
R.T.: 5.725 min
Delta R.T.: 0.053 min
Response: 7561365
Conc: 65.43 ng/ml



#5 AR-1016-3

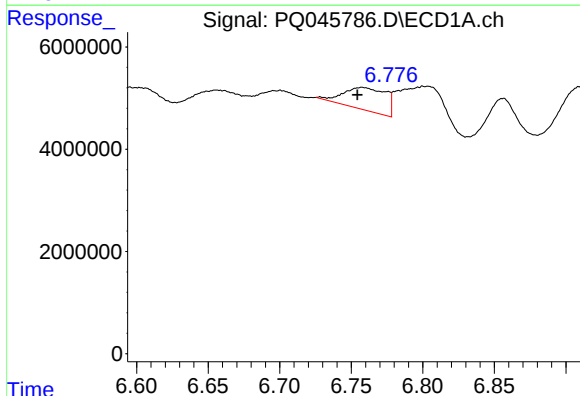
R.T.: 6.656 min
Delta R.T.: 0.008 min
Response: 4732533
Conc: 67.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



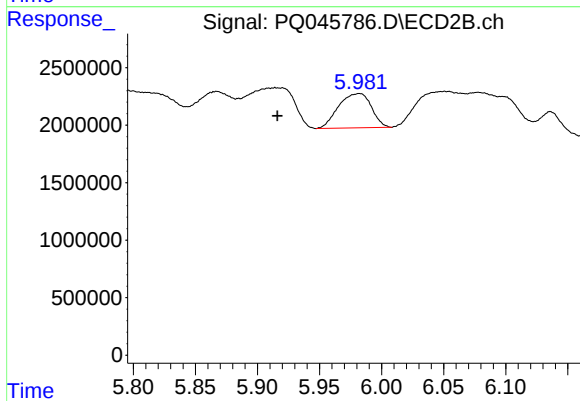
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.869 min
Response: 0
Conc: N.D.



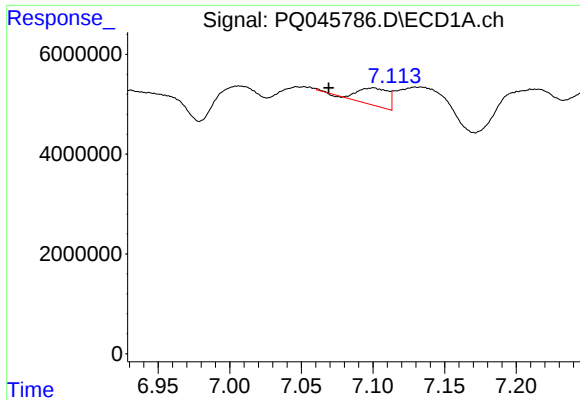
#6 AR-1016-4

R.T.: 6.758 min
Delta R.T.: 0.003 min
Response: 9105667
Conc: 156.92 ng/ml



#6 AR-1016-4

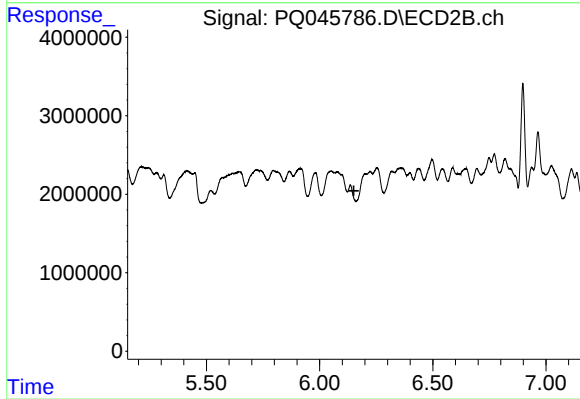
R.T.: 5.982 min
Delta R.T.: 0.066 min
Response: 5478447
Conc: 101.64 ng/ml



#7 AR-1016-5

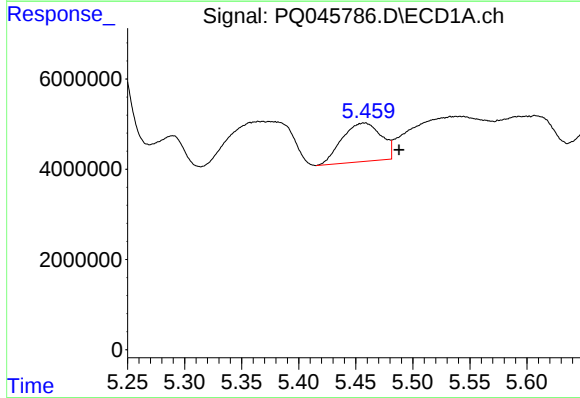
R.T.: 7.100 min
Delta R.T.: 0.030 min
Response: 5467302
Conc: 81.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



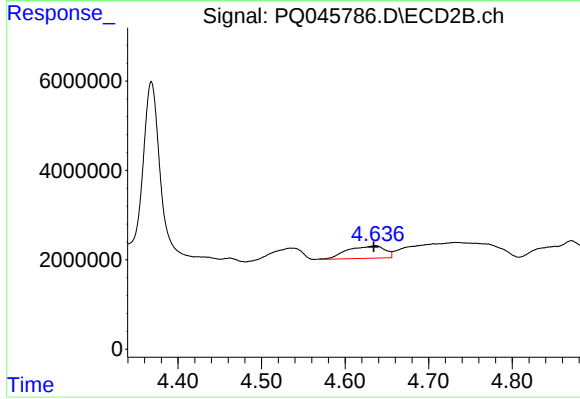
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 6.151 min
Response: 0
Conc: N.D.



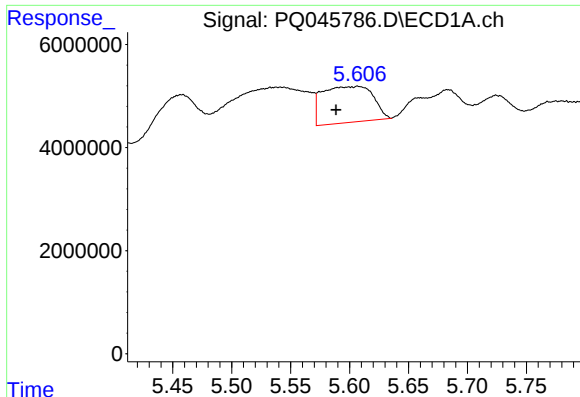
#8 AR-1221-1

R.T.: 5.459 min
Delta R.T.: -0.029 min
Response: 20471020
Conc: 1169.73 ng/ml



#8 AR-1221-1

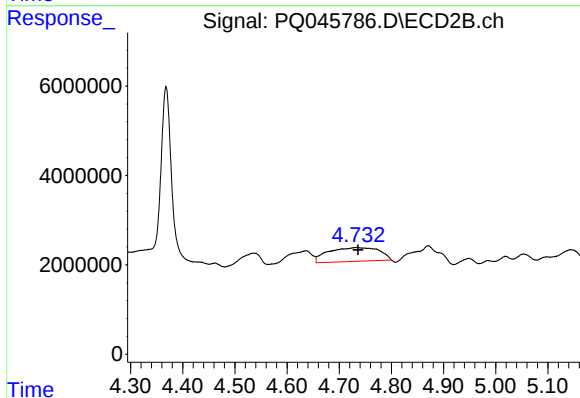
R.T.: 4.637 min
Delta R.T.: 0.003 min
Response: 8669843
Conc: 480.39 ng/ml



#9 AR-1221-2

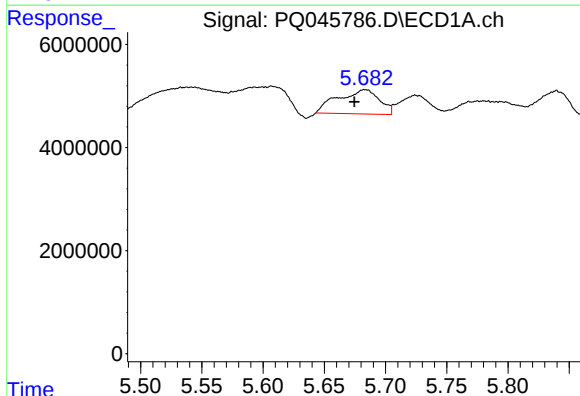
R.T.: 5.607 min
Delta R.T.: 0.019 min
Response: 20963552
Conc: 1666.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



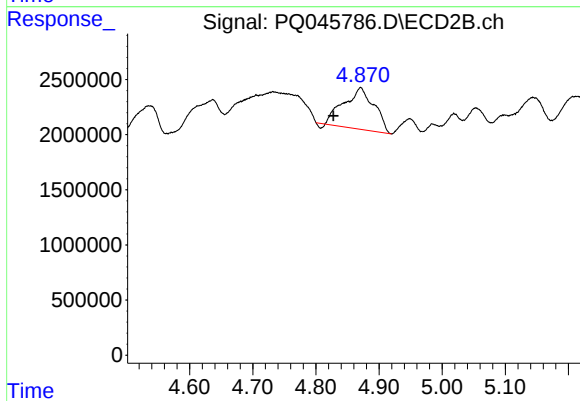
#9 AR-1221-2

R.T.: 4.732 min
Delta R.T.: -0.004 min
Response: 20942878
Conc: 1564.70 ng/ml



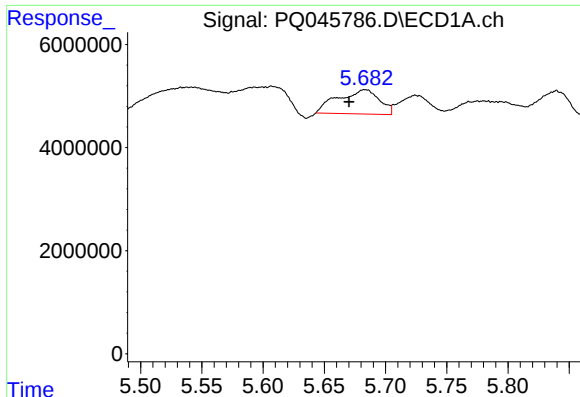
#10 AR-1221-3

R.T.: 5.683 min
Delta R.T.: 0.009 min
Response: 11086051
Conc: 259.02 ng/ml



#10 AR-1221-3

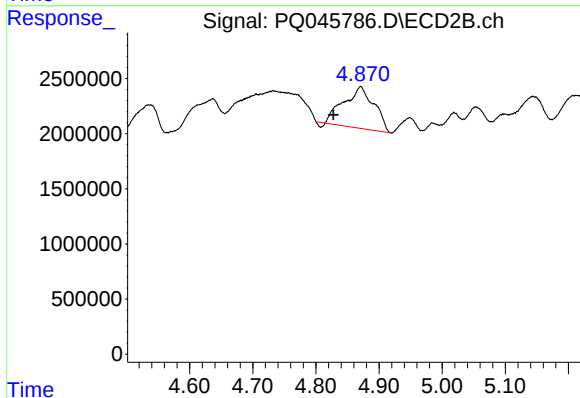
R.T.: 4.871 min
Delta R.T.: 0.043 min
Response: 12377939
Conc: 273.29 ng/ml



#11 AR-1232-1

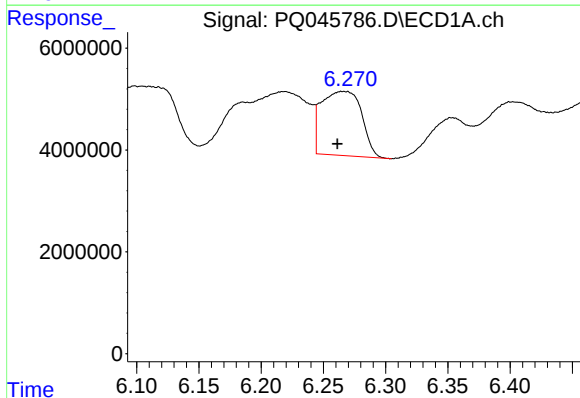
R.T.: 5.683 min
Delta R.T.: 0.013 min
Response: 11086051
Conc: 186.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



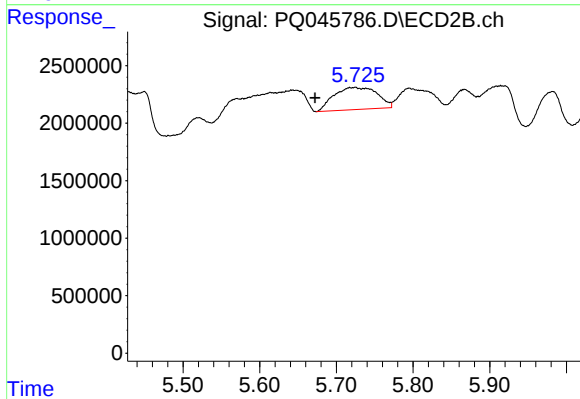
#11 AR-1232-1

R.T.: 4.871 min
Delta R.T.: 0.043 min
Response: 12377939
Conc: 184.26 ng/ml



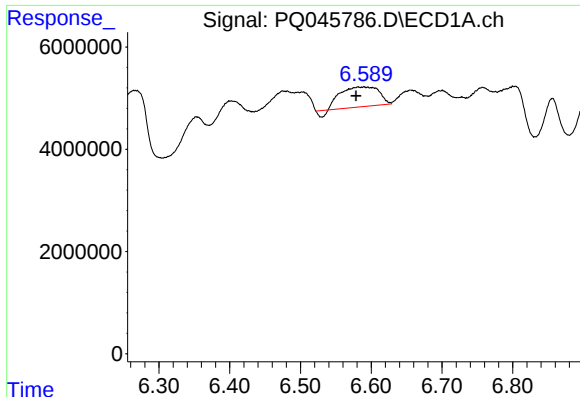
#12 AR-1232-2

R.T.: 6.266 min
Delta R.T.: 0.005 min
Response: 28250712
Conc: 814.69 ng/ml



#12 AR-1232-2

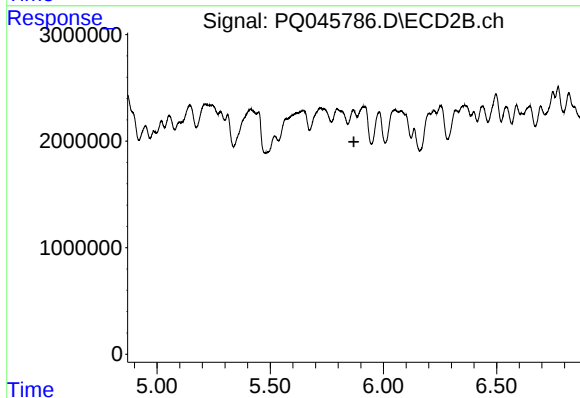
R.T.: 5.725 min
Delta R.T.: 0.052 min
Response: 7561365
Conc: 87.69 ng/ml



#13 AR-1232-3

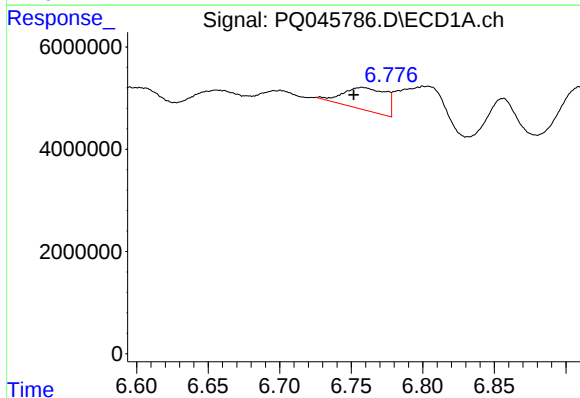
R.T.: 6.590 min
Delta R.T.: 0.011 min
Response: 14105179
Conc: 172.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



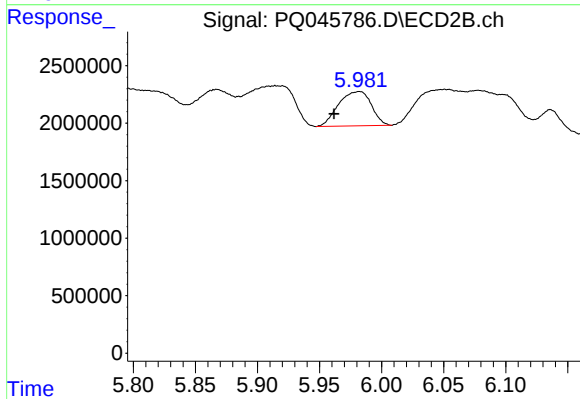
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



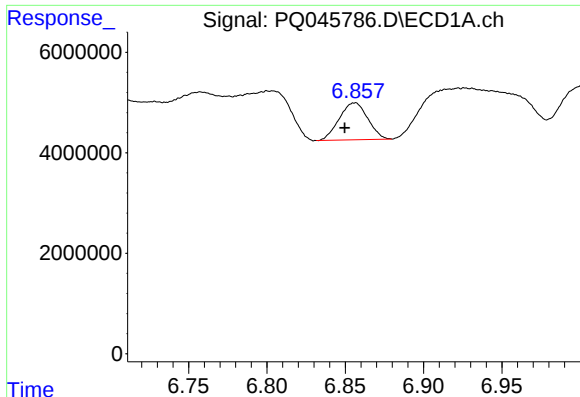
#14 AR-1232-4

R.T.: 6.758 min
Delta R.T.: 0.006 min
Response: 9105667
Conc: 226.87 ng/ml



#14 AR-1232-4

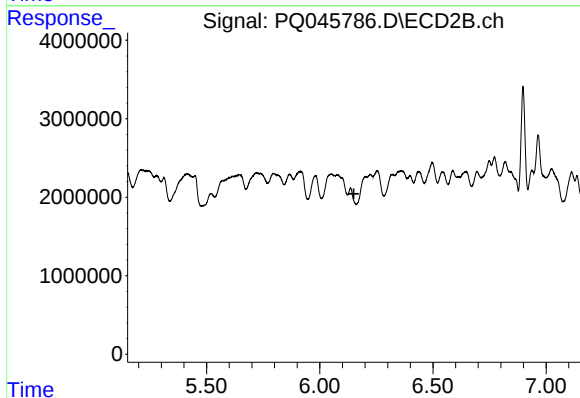
R.T.: 5.982 min
Delta R.T.: 0.020 min
Response: 5478447
Conc: 131.10 ng/ml



#15 AR-1232-5

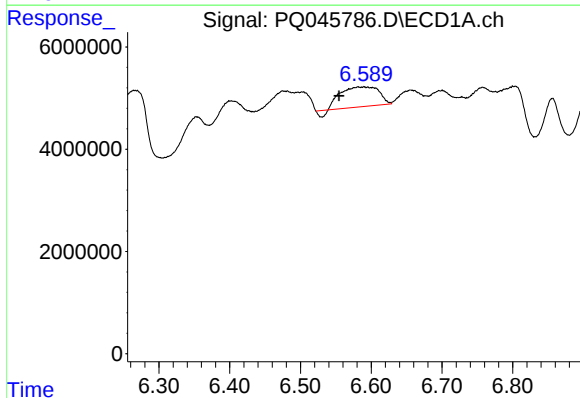
R.T.: 6.856 min
Delta R.T.: 0.006 min
Response: 9288746
Conc: 284.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



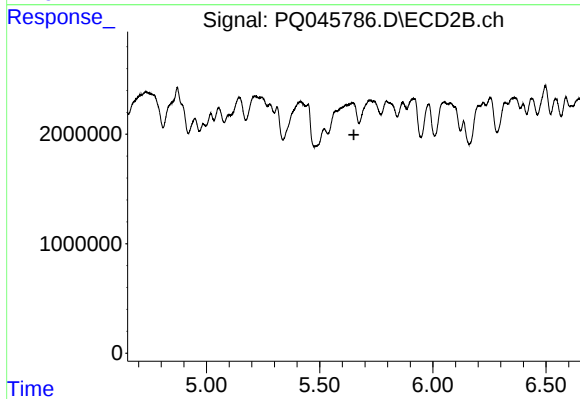
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.151 min
Response: 0
Conc: N.D.



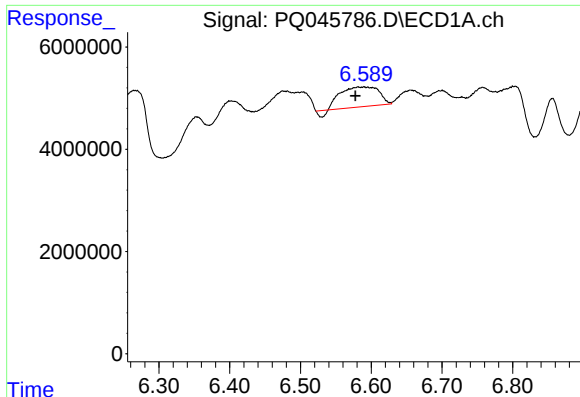
#16 AR-1242-1

R.T.: 6.590 min
Delta R.T.: 0.035 min
Response: 14105179
Conc: 252.15 ng/ml



#16 AR-1242-1

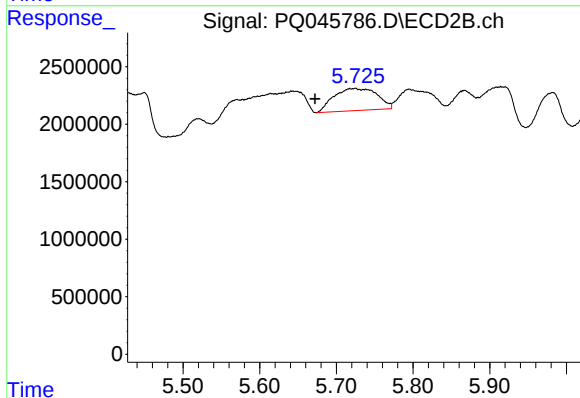
R.T.: 0.000 min
Exp R.T. : 5.651 min
Response: 0
Conc: N.D.



#17 AR-1242-2

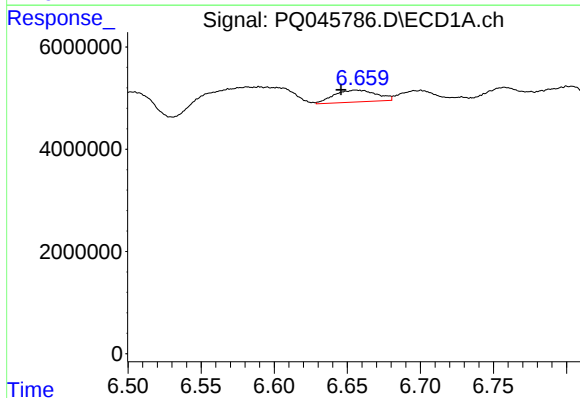
R.T.: 6.590 min
Delta R.T.: 0.012 min
Response: 14105179
Conc: 158.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



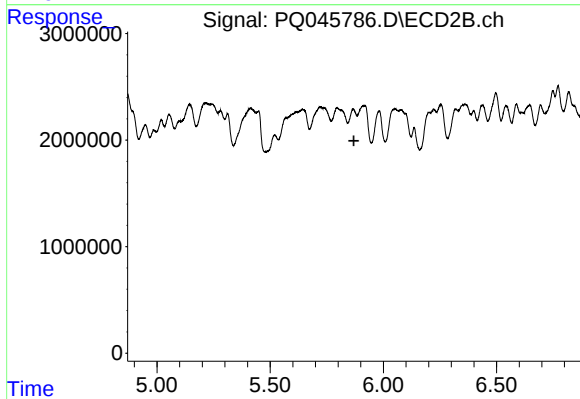
#17 AR-1242-2

R.T.: 5.725 min
Delta R.T.: 0.052 min
Response: 7561365
Conc: 87.90 ng/ml



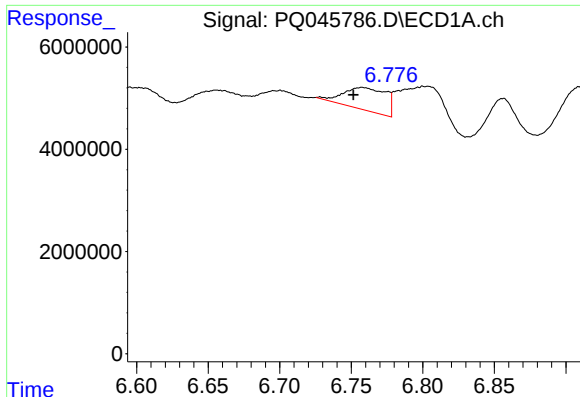
#18 AR-1242-3

R.T.: 6.656 min
Delta R.T.: 0.010 min
Response: 4732533
Conc: 90.25 ng/ml



#18 AR-1242-3

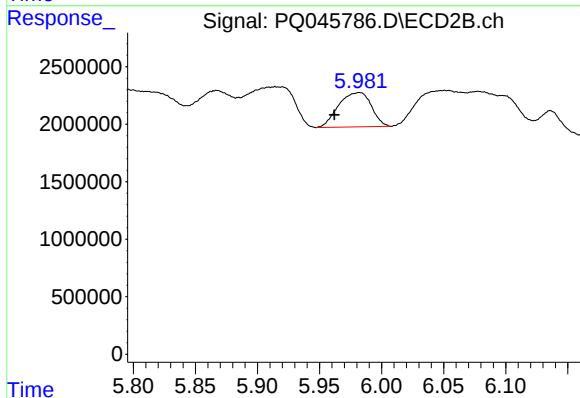
R.T.: 0.000 min
Exp R.T.: 5.870 min
Response: 0
Conc: N.D.



#19 AR-1242-4

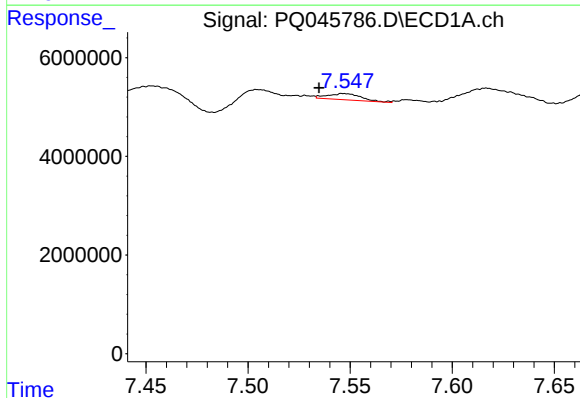
R.T.: 6.758 min
Delta R.T.: 0.006 min
Response: 9105667
Conc: 209.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



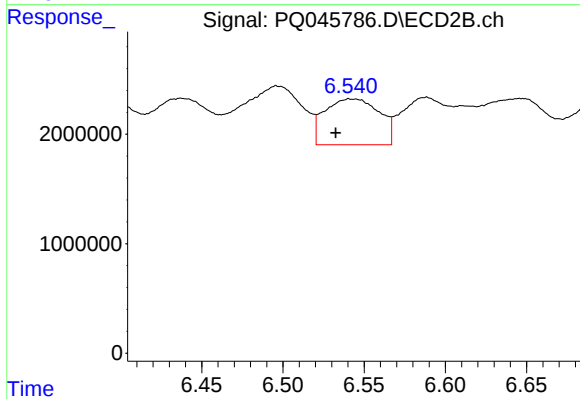
#19 AR-1242-4

R.T.: 5.982 min
Delta R.T.: 0.020 min
Response: 5478447
Conc: 108.75 ng/ml



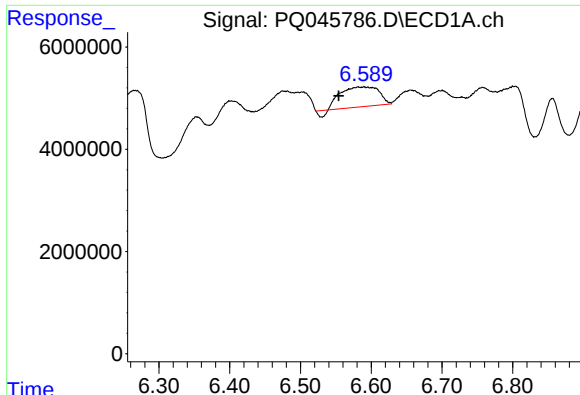
#20 AR-1242-5

R.T.: 7.547 min
Delta R.T.: 0.012 min
Response: 1444949
Conc: 18.83 ng/ml



#20 AR-1242-5

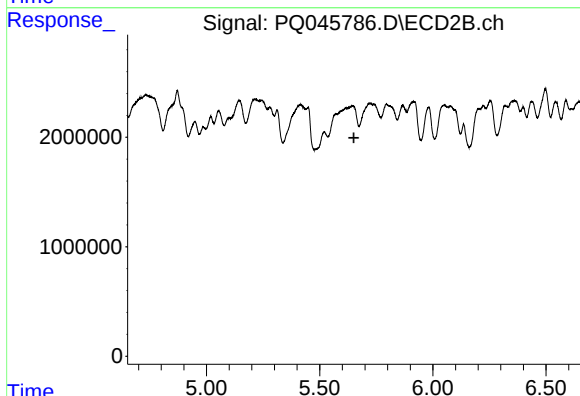
R.T.: 6.541 min
Delta R.T.: 0.009 min
Response: 9785681
Conc: 141.10 ng/ml



#21 AR-1248-1

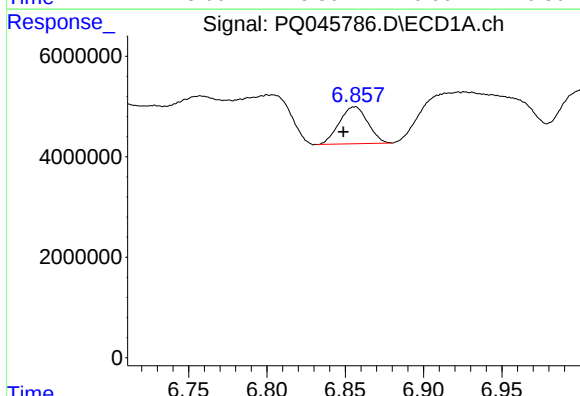
R.T.: 6.590 min
Delta R.T.: 0.035 min
Response: 14105179
Conc: 307.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



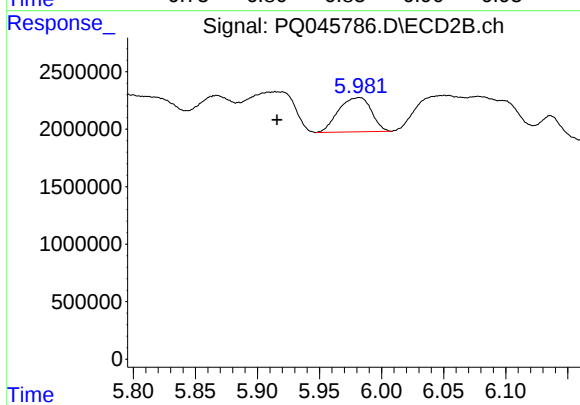
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.651 min
Response: 0
Conc: N.D.



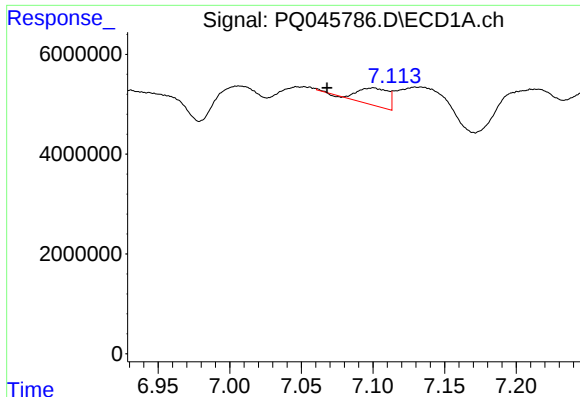
#22 AR-1248-2

R.T.: 6.856 min
Delta R.T.: 0.007 min
Response: 9288746
Conc: 124.40 ng/ml



#22 AR-1248-2

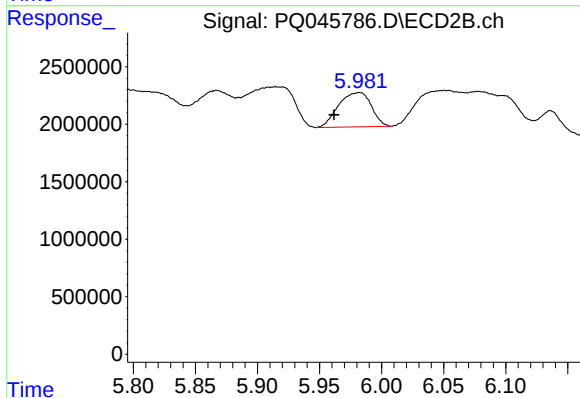
R.T.: 5.982 min
Delta R.T.: 0.066 min
Response: 5478447
Conc: 75.85 ng/ml



#23 AR-1248-3

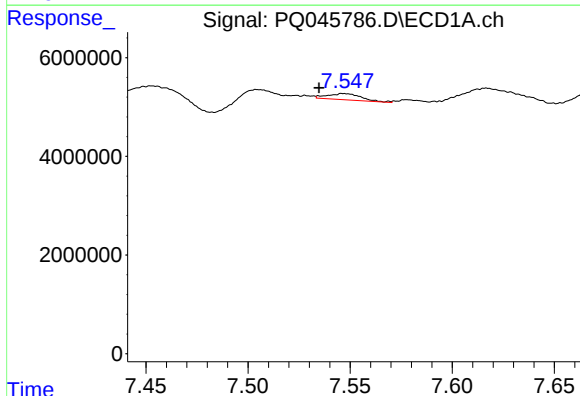
R.T.: 7.100 min
Delta R.T.: 0.032 min
Response: 5467302
Conc: 62.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



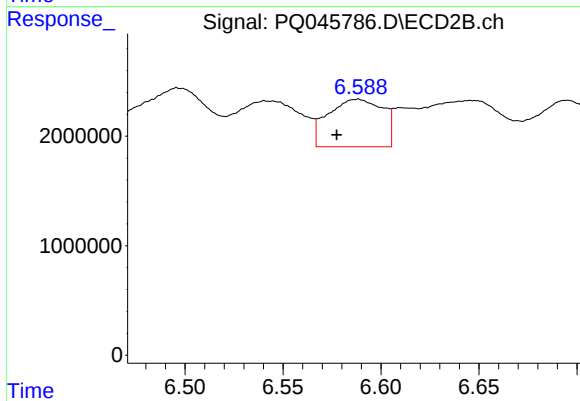
#23 AR-1248-3

R.T.: 5.982 min
Delta R.T.: 0.020 min
Response: 5478447
Conc: 71.72 ng/ml



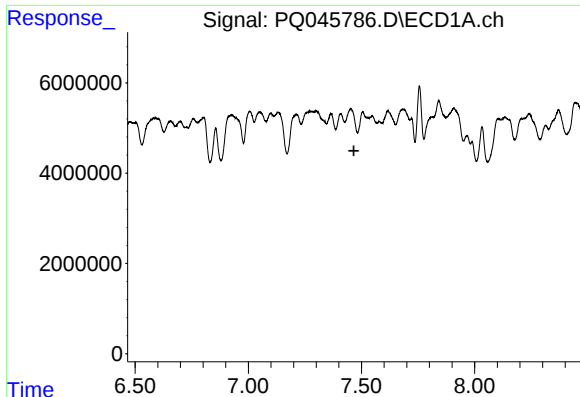
#25 AR-1248-5

R.T.: 7.547 min
Delta R.T.: 0.012 min
Response: 1444949
Conc: 12.49 ng/ml



#25 AR-1248-5

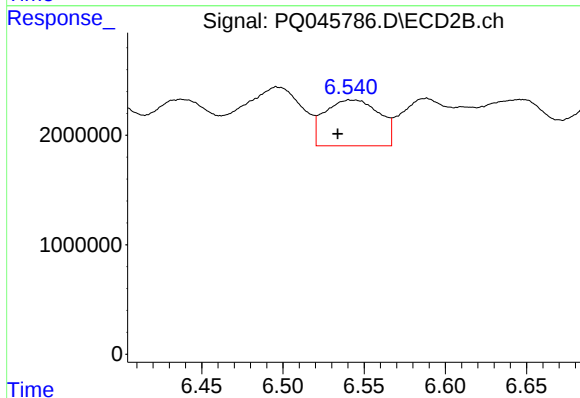
R.T.: 6.588 min
Delta R.T.: 0.011 min
Response: 8442954
Conc: 89.53 ng/ml



#26 AR-1254-1

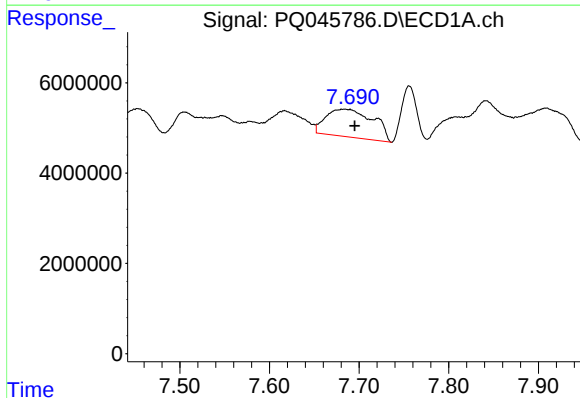
R.T.: 7.505 min
Delta R.T.: 0.039 min
Response: -3835514
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



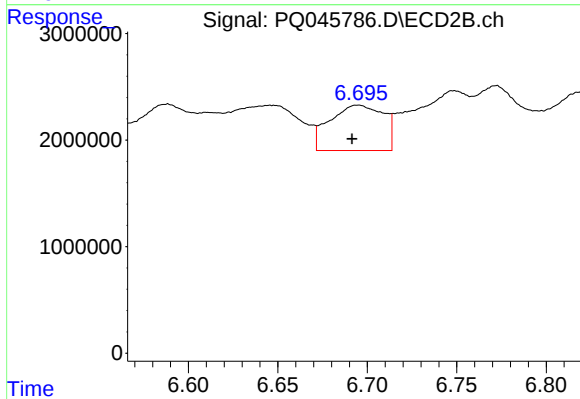
#26 AR-1254-1

R.T.: 6.541 min
Delta R.T.: 0.007 min
Response: 9785681
Conc: 57.96 ng/ml



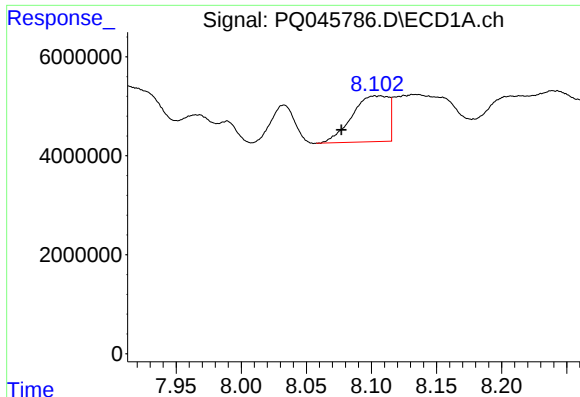
#27 AR-1254-2

R.T.: 7.684 min
Delta R.T.: -0.011 min
Response: 22577469
Conc: 103.07 ng/ml



#27 AR-1254-2

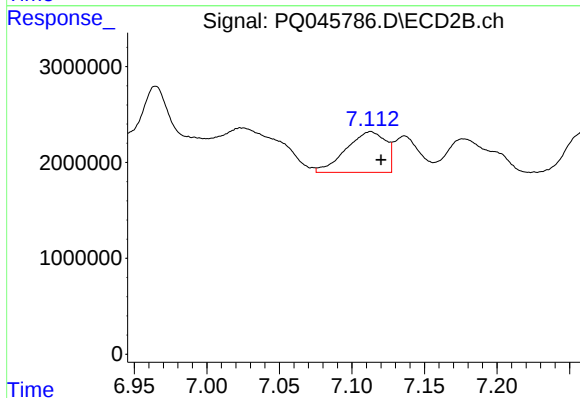
R.T.: 6.695 min
Delta R.T.: 0.003 min
Response: 8907593
Conc: 56.42 ng/ml



#28 AR-1254-3

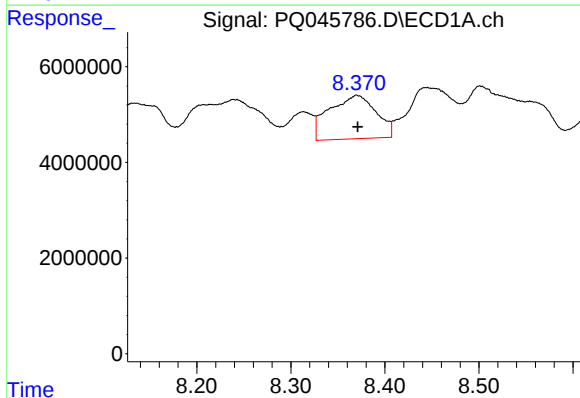
R.T.: 8.105 min
Delta R.T.: 0.028 min
Response: 18164219
Conc: 73.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



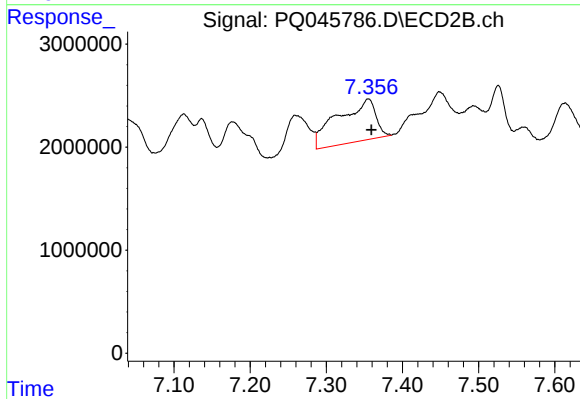
#28 AR-1254-3

R.T.: 7.113 min
Delta R.T.: -0.007 min
Response: 8069109
Conc: 29.57 ng/ml



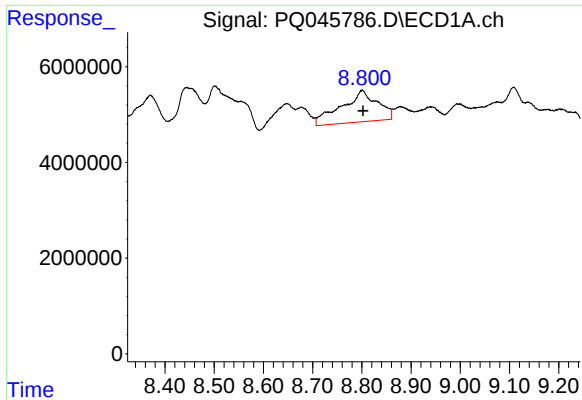
#29 AR-1254-4

R.T.: 8.370 min
Delta R.T.: 0.000 min
Response: 31579187
Conc: 153.71 ng/ml



#29 AR-1254-4

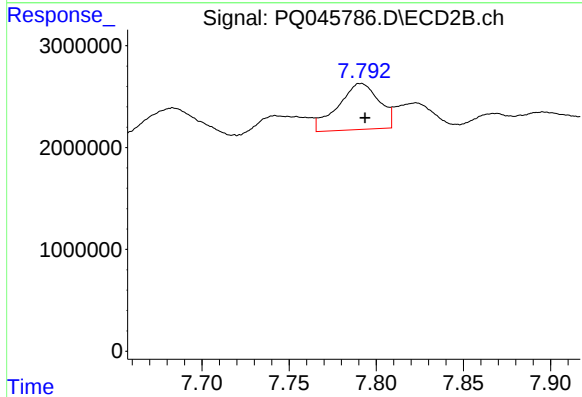
R.T.: 7.355 min
Delta R.T.: -0.004 min
Response: 14129666
Conc: 82.51 ng/ml



#30 AR-1254-5

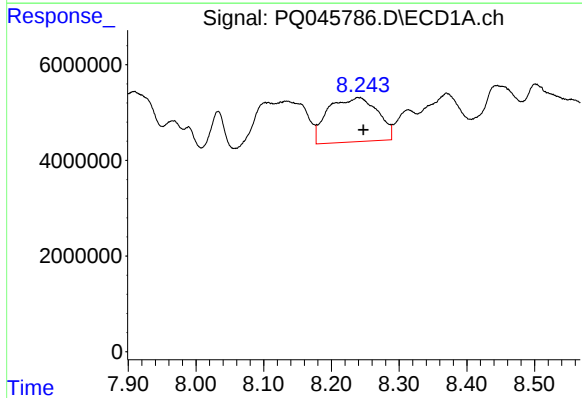
R.T.: 8.801 min
Delta R.T.: -0.002 min
Response: 33525744
Conc: 141.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



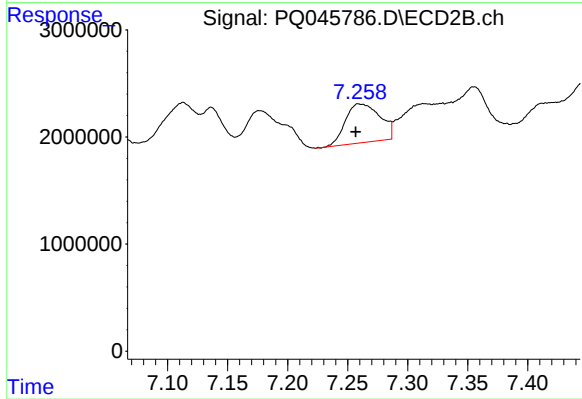
#30 AR-1254-5

R.T.: 7.791 min
Delta R.T.: -0.002 min
Response: 7431848
Conc: 26.76 ng/ml



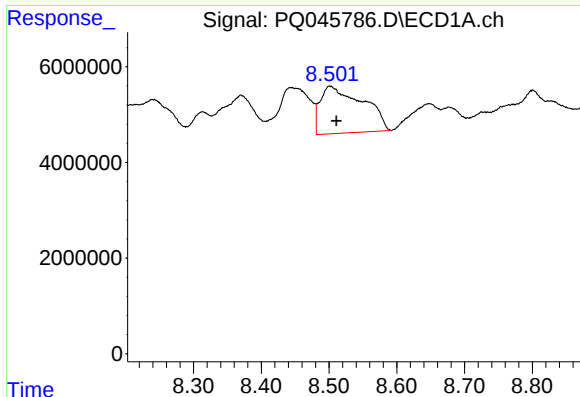
#31 AR-1260-1

R.T.: 8.240 min
Delta R.T.: -0.007 min
Response: 47021797
Conc: 273.48 ng/ml



#31 AR-1260-1

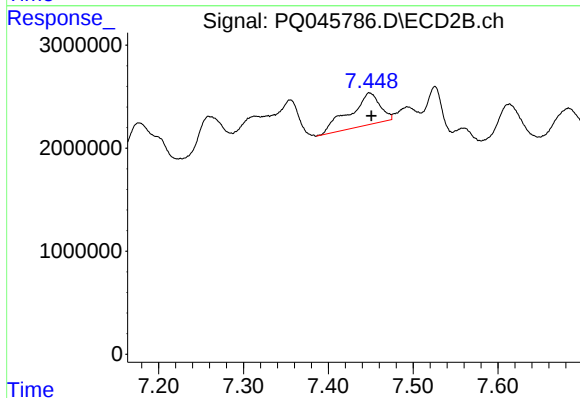
R.T.: 7.259 min
Delta R.T.: 0.003 min
Response: 7213410
Conc: 44.59 ng/ml



#32 AR-1260-2

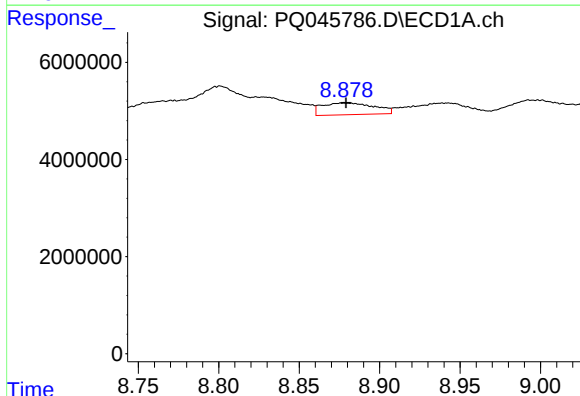
R.T.: 8.502 min
Delta R.T.: -0.009 min
Response: 42994195
Conc: 193.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



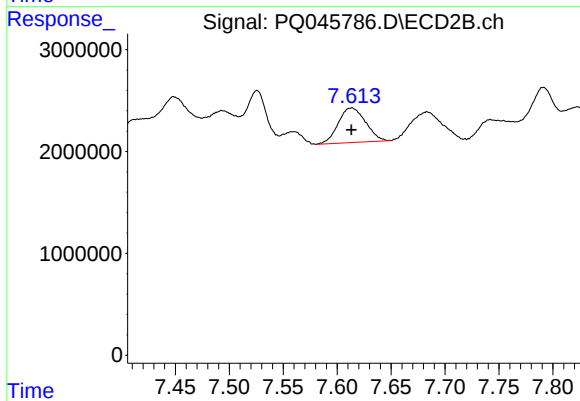
#32 AR-1260-2

R.T.: 7.449 min
Delta R.T.: -0.002 min
Response: 7672038
Conc: 37.89 ng/ml



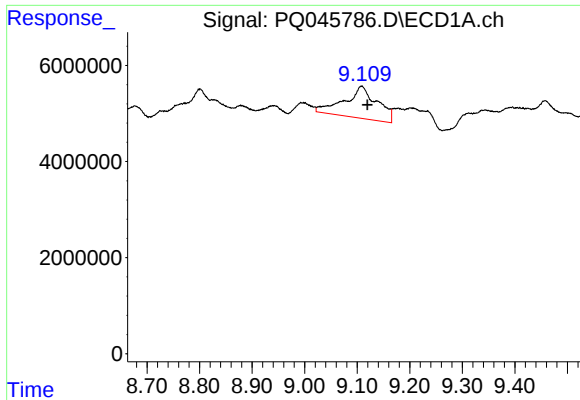
#33 AR-1260-3

R.T.: 8.879 min
Delta R.T.: 0.000 min
Response: 5506604
Conc: 27.65 ng/ml



#33 AR-1260-3

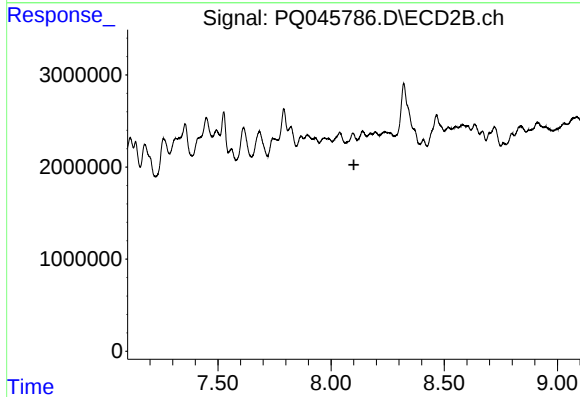
R.T.: 7.613 min
Delta R.T.: 0.000 min
Response: 5977510
Conc: 30.87 ng/ml



#34 AR-1260-4

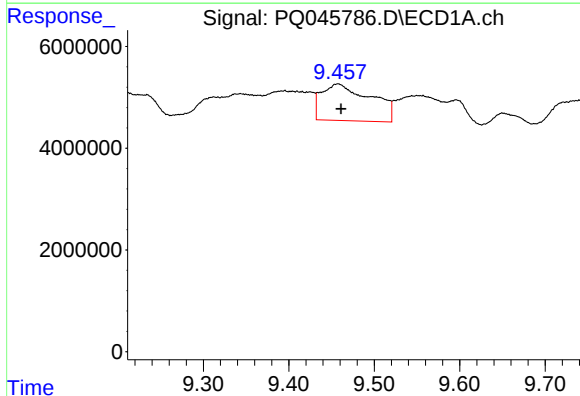
R.T.: 9.108 min
Delta R.T.: -0.011 min
Response: 28836902
Conc: 129.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



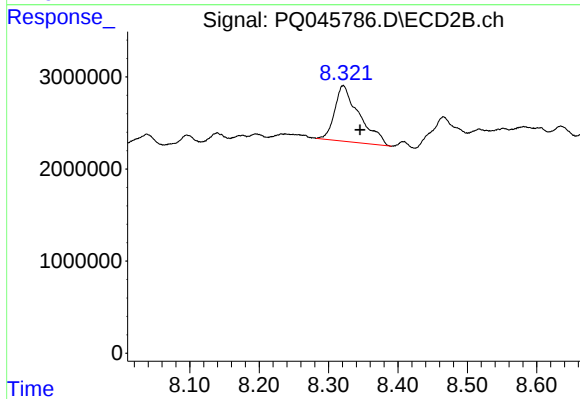
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 8.101 min
Response: 0
Conc: N.D.



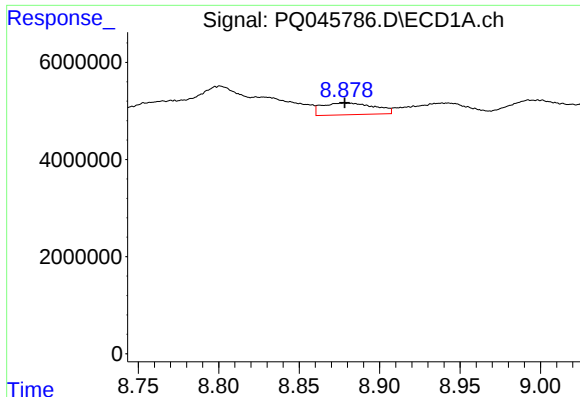
#35 AR-1260-5

R.T.: 9.457 min
Delta R.T.: -0.004 min
Response: 29067964
Conc: 56.53 ng/ml



#35 AR-1260-5

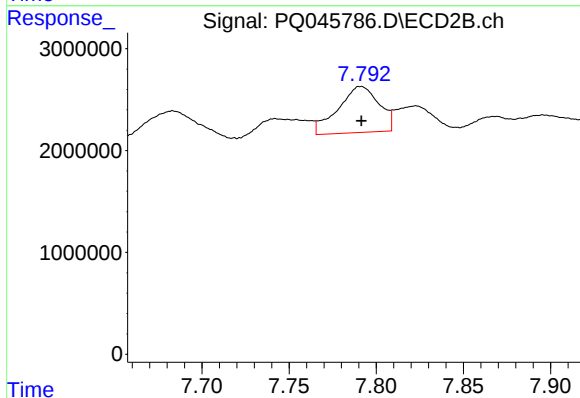
R.T.: 8.321 min
Delta R.T.: -0.024 min
Response: 14917667
Conc: 30.36 ng/ml



#36 AR-1262-1

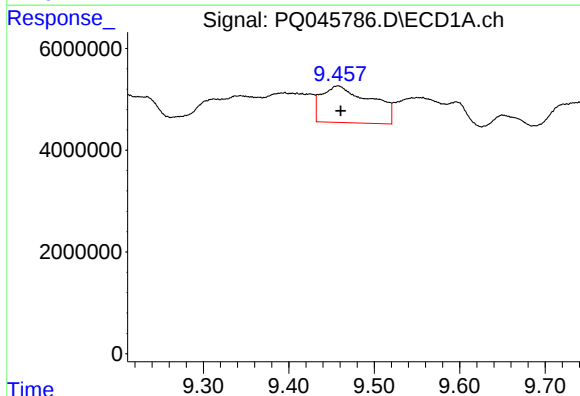
R.T.: 8.879 min
Delta R.T.: 0.000 min
Response: 5506604
Conc: 16.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



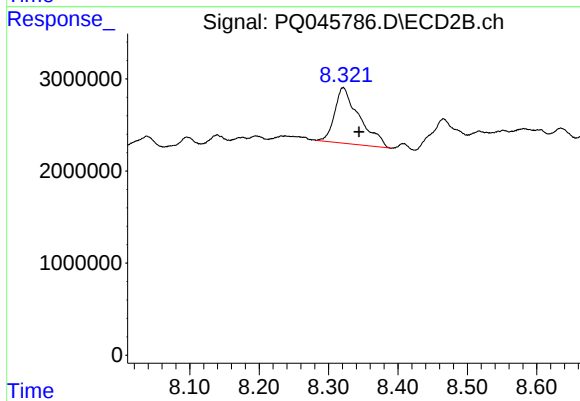
#36 AR-1262-1

R.T.: 7.791 min
Delta R.T.: 0.000 min
Response: 7431848
Conc: 50.79 ng/ml



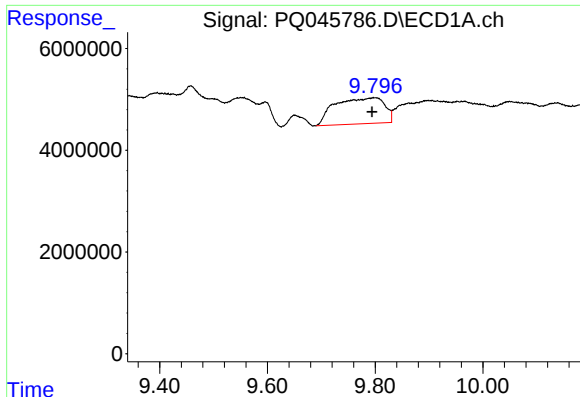
#37 AR-1262-2

R.T.: 9.457 min
Delta R.T.: -0.004 min
Response: 29067964
Conc: 43.46 ng/ml



#37 AR-1262-2

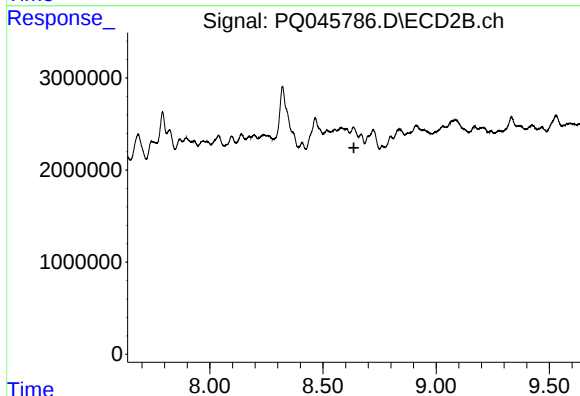
R.T.: 8.321 min
Delta R.T.: -0.023 min
Response: 14917667
Conc: 23.17 ng/ml



#38 AR-1262-3

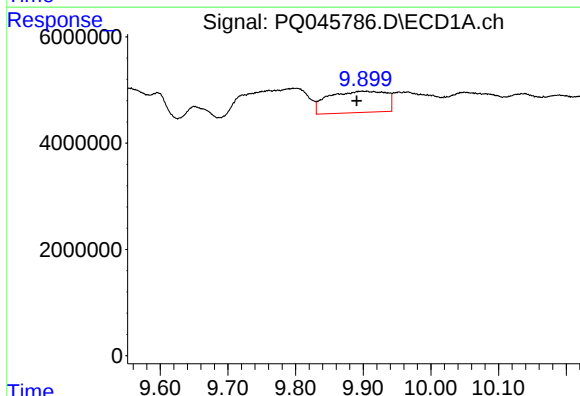
R.T.: 9.799 min
Delta R.T.: 0.005 min
Response: 32679436
Conc: 66.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



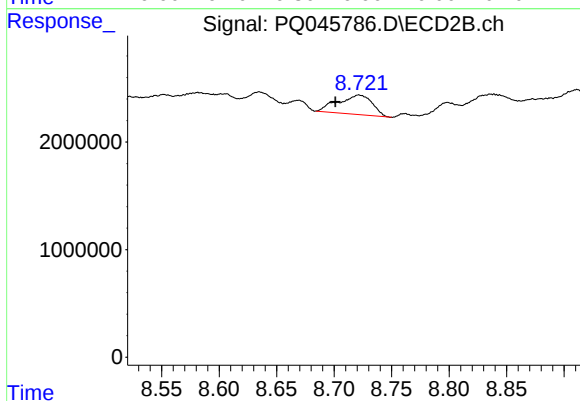
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.636 min
Response: 0
Conc: N.D.



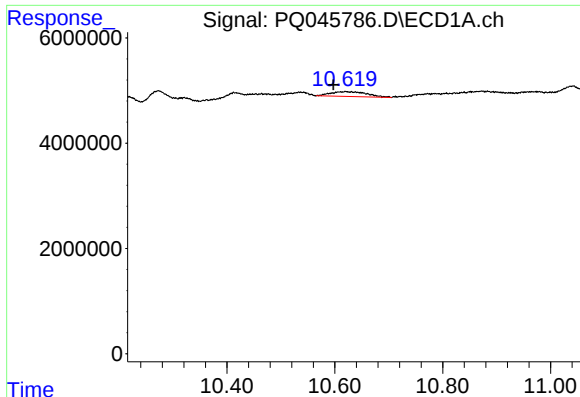
#39 AR-1262-4

R.T.: 9.900 min
Delta R.T.: 0.010 min
Response: 23763766
Conc: 53.06 ng/ml



#39 AR-1262-4

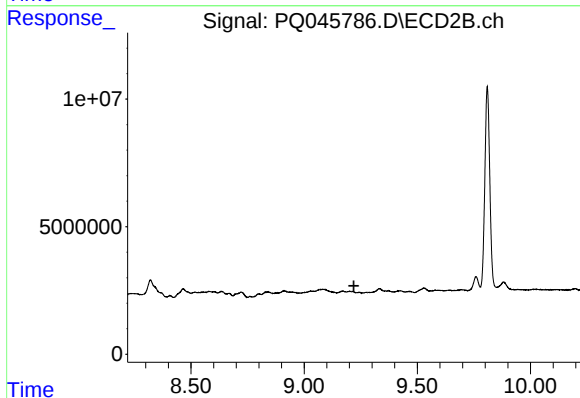
R.T.: 8.722 min
Delta R.T.: 0.021 min
Response: 3686673
Conc: 7.13 ng/ml



#40 AR-1262-5

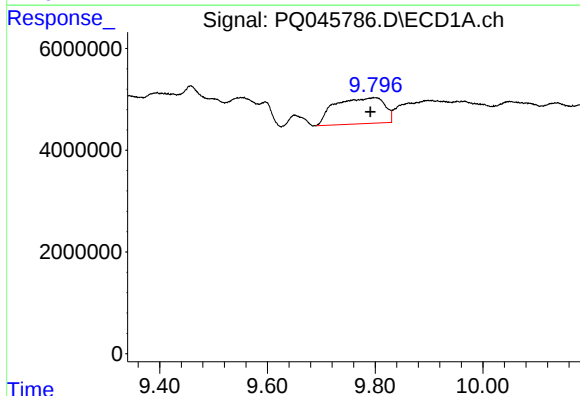
R.T.: 10.620 min
Delta R.T.: 0.023 min
Response: 4226158
Conc: 13.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



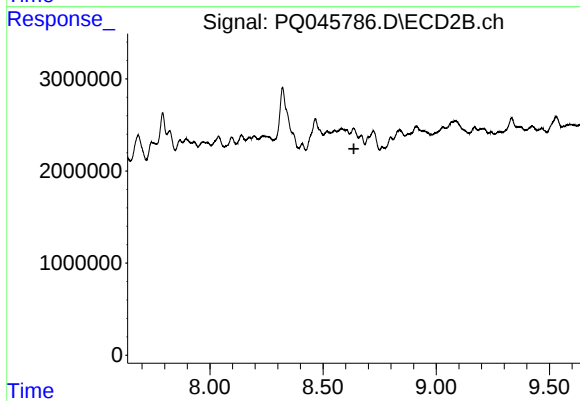
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.220 min
Response: 0
Conc: N.D.



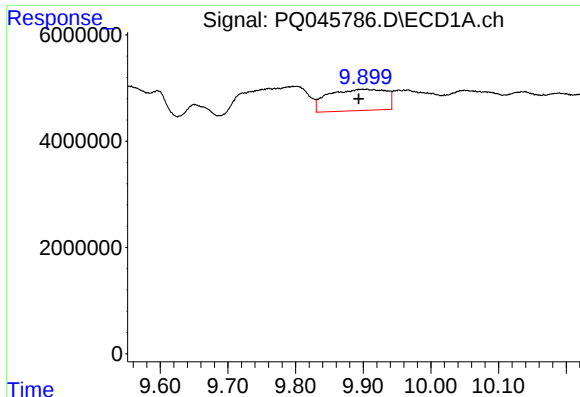
#41 AR-1268-1

R.T.: 9.799 min
Delta R.T.: 0.008 min
Response: 32679436
Conc: 40.90 ng/ml



#41 AR-1268-1

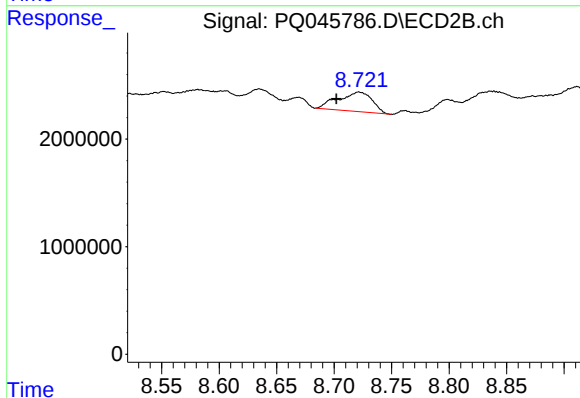
R.T.: 0.000 min
Exp R.T. : 8.636 min
Response: 0
Conc: N.D.



#42 AR-1268-2

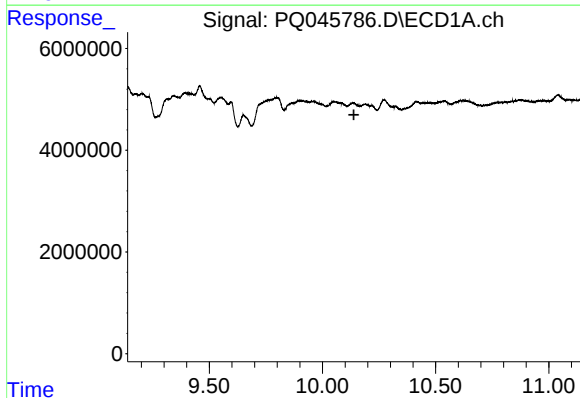
R.T.: 9.900 min
Delta R.T.: 0.007 min
Response: 23763766
Conc: 28.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



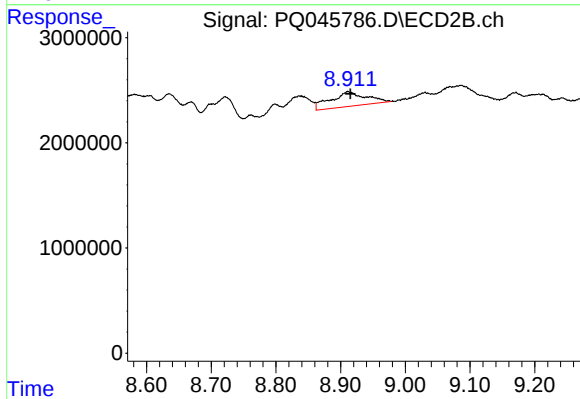
#42 AR-1268-2

R.T.: 8.722 min
Delta R.T.: 0.020 min
Response: 3686673
Conc: 5.11 ng/ml



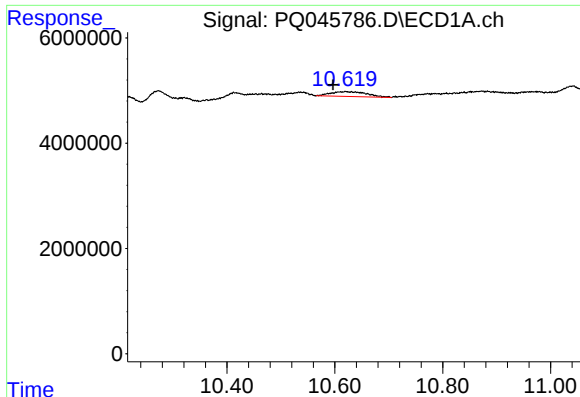
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 10.139 min
Response: 0
Conc: N.D.



#43 AR-1268-3

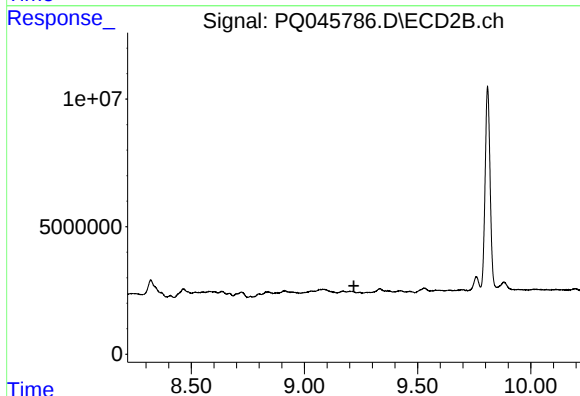
R.T.: 8.911 min
Delta R.T.: -0.004 min
Response: 5281185
Conc: 9.46 ng/ml



#44 AR-1268-4

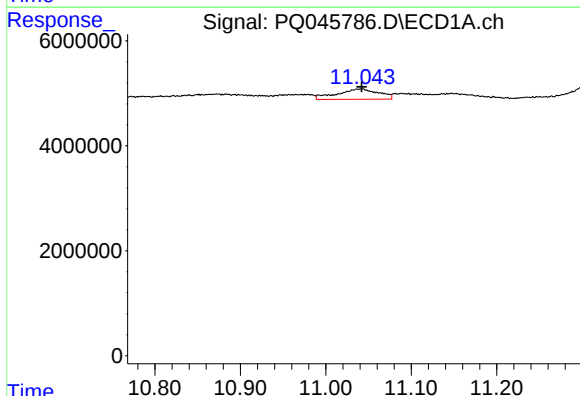
R.T.: 10.620 min
Delta R.T.: 0.024 min
Response: 4226158
Conc: 13.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



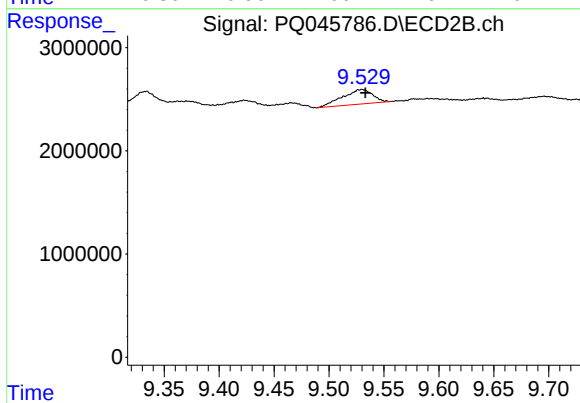
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.219 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 11.041 min
Delta R.T.: -0.002 min
Response: 6672893
Conc: 2.41 ng/ml



#45 AR-1268-5

R.T.: 9.530 min
Delta R.T.: -0.003 min
Response: 2686116
Conc: 1.20 ng/ml