

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081621\
 Data File : PQ054262.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2021 14:40
 Operator : AJ\MA
 Sample : M3404-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 01:56:15 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 30 02:37:02 2021
 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...	5.205	4.213	423.6E6	276.2E6	18.138	19.540
2)	SA Decachlor...	11.377	9.546	1095.6E6	843.0E6	65.115	66.827
Target Compounds							
3)	L1 AR-1016-1	6.529	5.493f	28027966	23689411	38.238	52.330 #
4)	L1 AR-1016-2	6.553	5.493	34321030	23689411	30.555	31.959
5)	L1 AR-1016-3	6.597f	5.705f	34851873	38623288	50.525	107.135 #
6)	L1 AR-1016-4	6.728	5.705f	34659688	38623288	60.925	135.322 #
7)	L1 AR-1016-5	7.041	5.964	64460557	9224989	119.087	25.319 #
8)	L2 AR-1221-1	0.000	4.463	0	1146639	N.D.	8.048 #
9)	L2 AR-1221-2	5.561	4.543f	7072636	25312047	39.044	239.944 #
10)	L2 AR-1221-3	5.655	4.663	2162372	6097215	3.779	17.375 #
11)	L3 AR-1232-1	5.655	4.663	2162372	6097215	5.535	26.122 #
12)	L3 AR-1232-2	6.232	5.493	48382942	23689411	208.276	81.794 #
13)	L3 AR-1232-3	6.553	5.705f	34321030	38623288	79.983	291.112 #
14)	L3 AR-1232-4	6.728	5.798f	34659688	20193799	160.030	176.968
15)	L3 AR-1232-5	6.824	5.964	32423492	9224989	199.512	71.783 #
16)	L4 AR-1242-1	6.529	5.493f	28027966	23689411	61.037	87.126 #
17)	L4 AR-1242-2	6.553	5.493	34321030	23689411	48.697	50.332
18)	L4 AR-1242-3	6.597f	5.705f	34851873	38623288	80.055	175.067 #
19)	L4 AR-1242-4	6.728	5.798f	34659688	20193799	96.391	93.343
20)	L4 AR-1242-5	7.508	6.345	31106751	17822813	84.496	60.080 #
21)	L5 AR-1248-1	6.529	5.493f	28027966	23689411	75.552	104.999 #
22)	L5 AR-1248-2	6.824	0.000	32423492	0	61.901	N.D. #
23)	L5 AR-1248-3	7.041	5.798f	64460557	20193799	108.616	61.065 #
24)	L5 AR-1248-4	7.473	5.964	29125313	9224989	43.845	23.244 #
25)	L5 AR-1248-5	7.508	6.391	31106751	13655180	47.776	34.262 #
26)	L6 AR-1254-1	7.437	6.345	65653678	17822813	92.892	26.652 #
27)	L6 AR-1254-2	7.666	6.503	56597519	19957804	51.688	32.459 #
28)	L6 AR-1254-3	0.000	6.924	0	34296494	N.D.	35.520 #
29)	L6 AR-1254-4	8.342	7.159	25160271	9779389	28.548	14.674 #
30)	L6 AR-1254-5	8.796f	7.589	79307111	55397101	81.273	56.798 #
31)	L7 AR-1260-1	8.212	7.059	42318739	36016840	43.101	48.050
32)	L7 AR-1260-2	8.477	7.259	49936251	9890959	43.983	9.469 #
33)	L7 AR-1260-3	8.842	7.412	22160237	9218665	31.328	10.593 #
34)	L7 AR-1260-4	9.083	7.894	30414410	12602093	34.381	20.240 #
35)	L7 AR-1260-5	9.430	8.140	30550693	37933090	18.147	22.139
36)	L8 AR-1262-1	8.842	7.589	22160237	55397101	22.403	122.578 #
37)	L8 AR-1262-2	9.430	8.140	30550693	37933090	16.925	20.144
38)	L8 AR-1262-3	9.760	8.417	28411310	31575496	23.188	41.130 #
39)	L8 AR-1262-4	9.859	8.492	20526299	28807810	22.673	23.043
40)	L8 AR-1262-5	10.573	8.991	8411274	11143665	12.690	19.309 #
41)	L9 AR-1268-1	9.760	8.417	28411310	31575496	13.471	13.999

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081621\
 Data File : PQ054262.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2021 14:40
 Operator : AJ\MA
 Sample : M3404-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

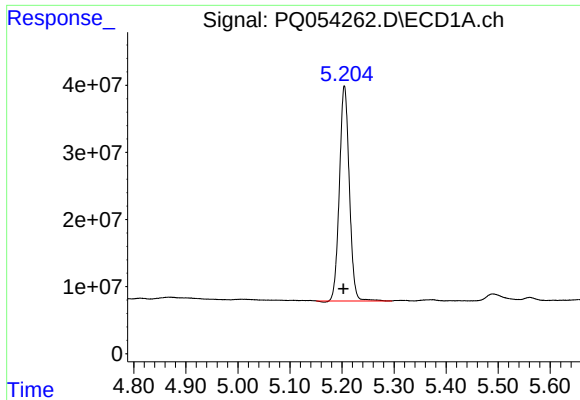
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 01:56:15 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 30 02:37:02 2021
 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
42) L9	AR-1268-2	9.859	8.492	20526299	28807810	10.642	15.423 #
43) L9	AR-1268-3	10.101	8.700	11386445	18530999	7.073	11.085 #
44) L9	AR-1268-4	10.573	8.991	8411274	11143665	11.500	17.088 #
45) L9	AR-1268-5	11.014	9.290	18887996	15875847	3.464	3.369

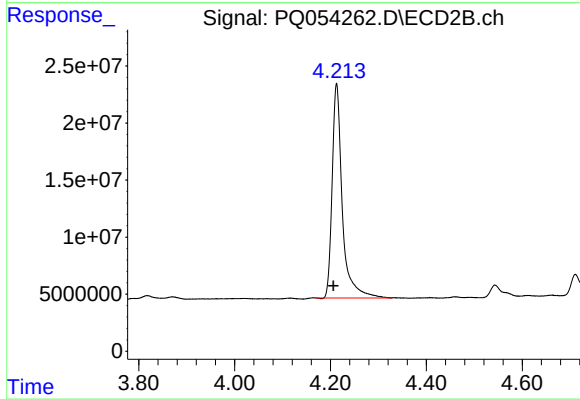
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

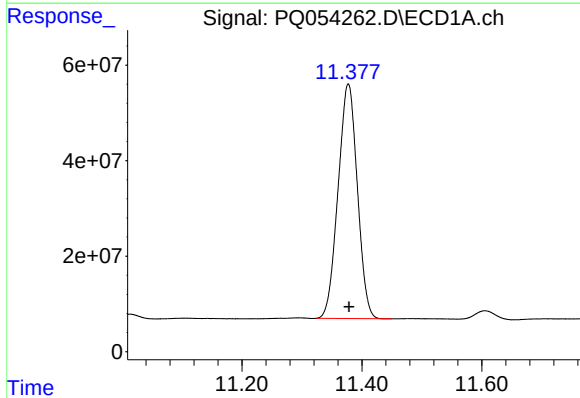
R.T.: 5.205 min
Delta R.T.: 0.002 min
Response: 423557475
Conc: 18.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



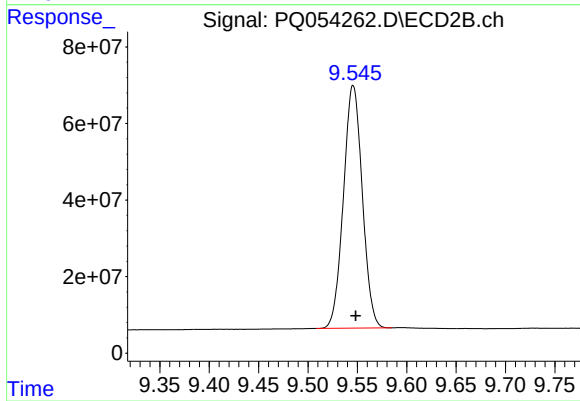
#1 Tetrachloro-m-xylene

R.T.: 4.213 min
Delta R.T.: 0.007 min
Response: 276244583
Conc: 19.54 ng/ml



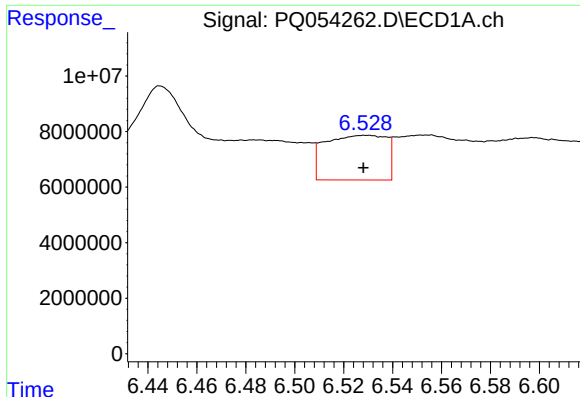
#2 Decachlorobiphenyl

R.T.: 11.377 min
Delta R.T.: -0.001 min
Response: 1095626134
Conc: 65.12 ng/ml



#2 Decachlorobiphenyl

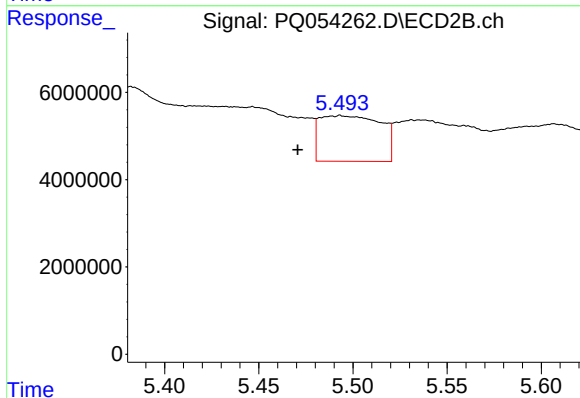
R.T.: 9.546 min
Delta R.T.: -0.003 min
Response: 842953796
Conc: 66.83 ng/ml



#3 AR-1016-1

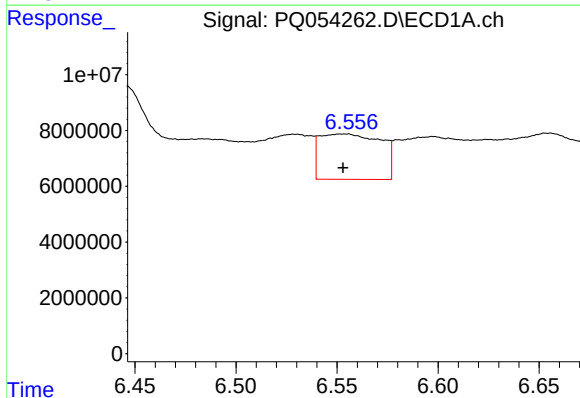
R.T.: 6.529 min
Delta R.T.: 0.000 min
Response: 28027966
Conc: 38.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



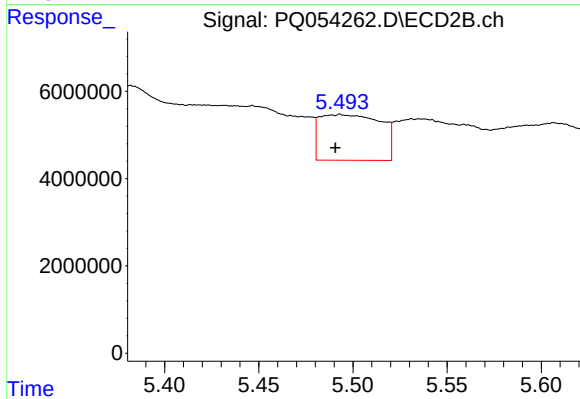
#3 AR-1016-1

R.T.: 5.493 min
Delta R.T.: 0.023 min
Response: 23689411
Conc: 52.33 ng/ml



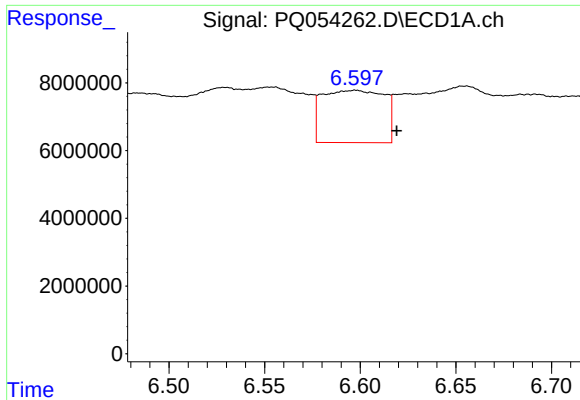
#4 AR-1016-2

R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 34321030
Conc: 30.55 ng/ml



#4 AR-1016-2

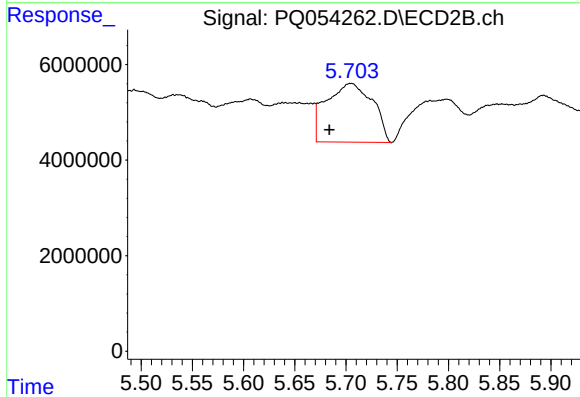
R.T.: 5.493 min
Delta R.T.: 0.003 min
Response: 23689411
Conc: 31.96 ng/ml



#5 AR-1016-3

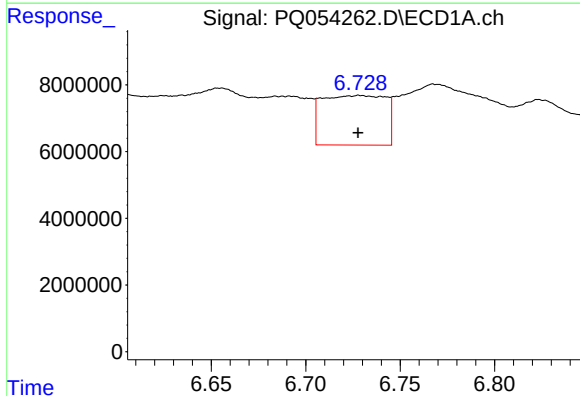
R.T.: 6.597 min
Delta R.T.: -0.022 min
Response: 34851873
Conc: 50.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



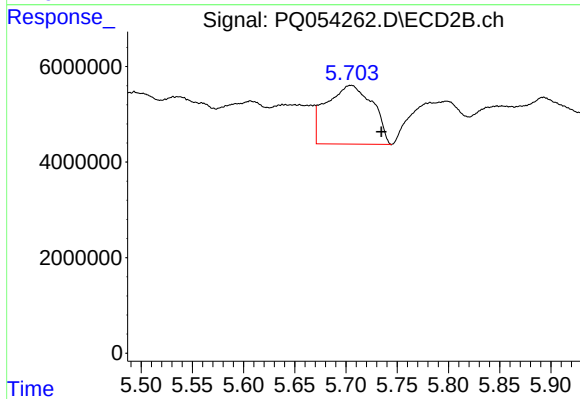
#5 AR-1016-3

R.T.: 5.705 min
Delta R.T.: 0.021 min
Response: 38623288
Conc: 107.14 ng/ml



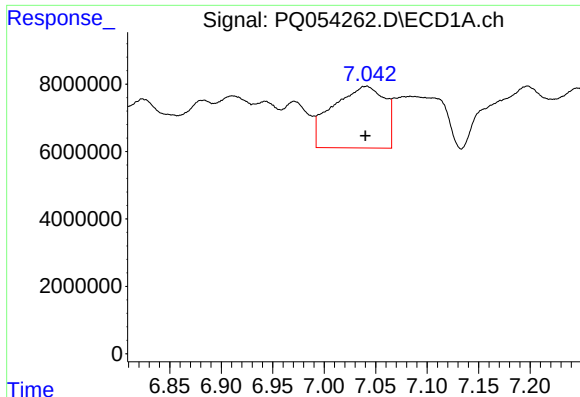
#6 AR-1016-4

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 34659688
Conc: 60.93 ng/ml



#6 AR-1016-4

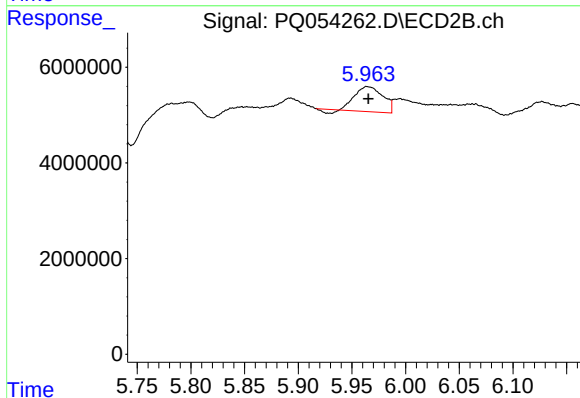
R.T.: 5.705 min
Delta R.T.: -0.030 min
Response: 38623288
Conc: 135.32 ng/ml



#7 AR-1016-5

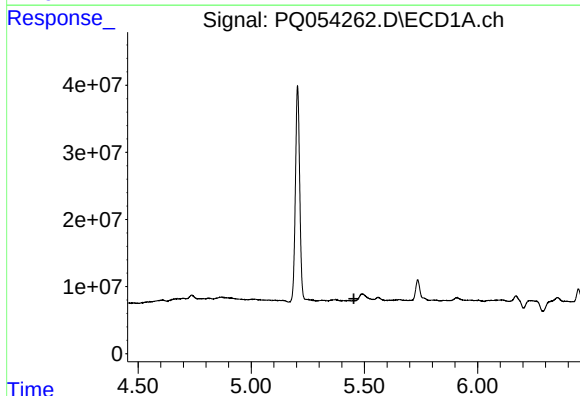
R.T.: 7.041 min
Delta R.T.: 0.000 min
Response: 64460557
Conc: 119.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



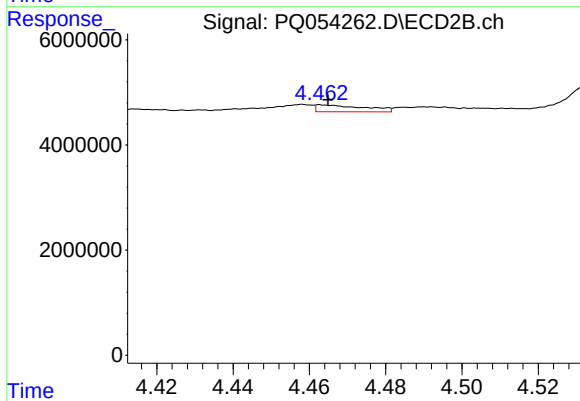
#7 AR-1016-5

R.T.: 5.964 min
Delta R.T.: -0.002 min
Response: 9224989
Conc: 25.32 ng/ml



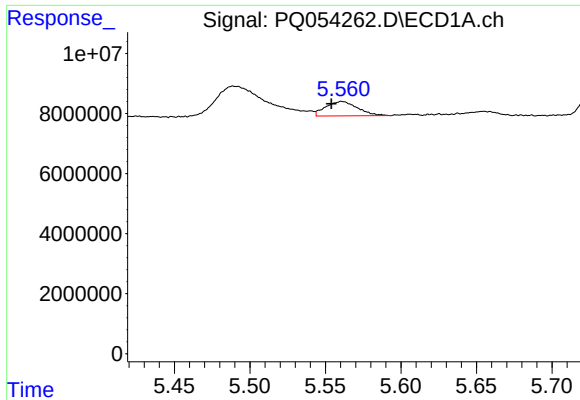
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.454 min
Response: 0
Conc: N.D.



#8 AR-1221-1

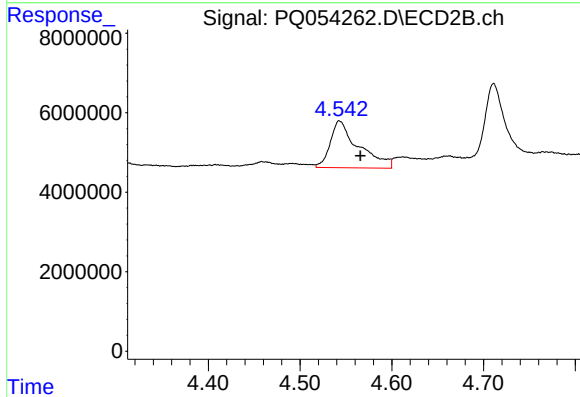
R.T.: 4.463 min
Delta R.T.: -0.002 min
Response: 1146639
Conc: 8.05 ng/ml



#9 AR-1221-2

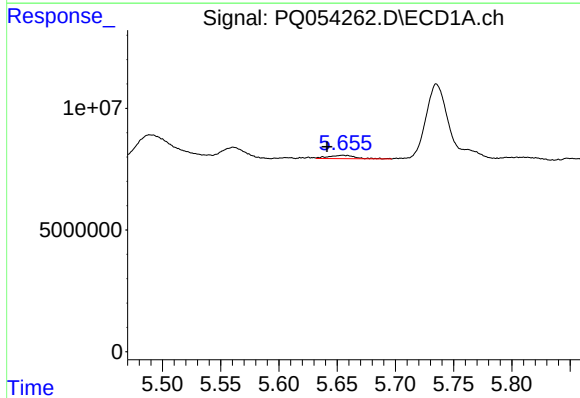
R.T.: 5.561 min
Delta R.T.: 0.007 min
Response: 7072636
Conc: 39.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



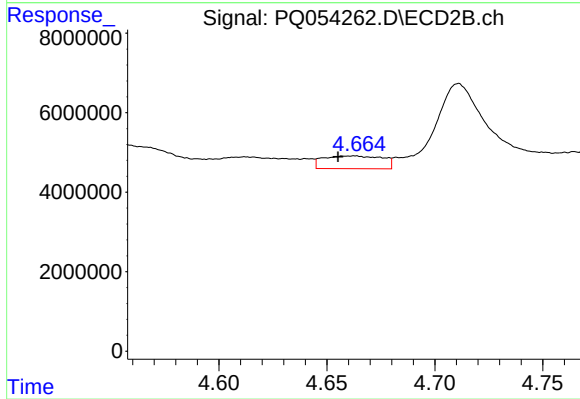
#9 AR-1221-2

R.T.: 4.543 min
Delta R.T.: -0.023 min
Response: 25312047
Conc: 239.94 ng/ml



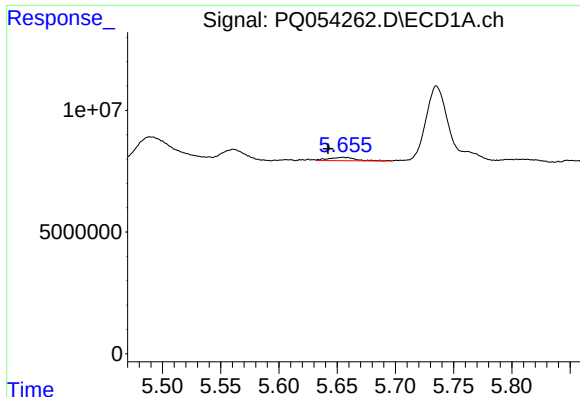
#10 AR-1221-3

R.T.: 5.655 min
Delta R.T.: 0.013 min
Response: 2162372
Conc: 3.78 ng/ml



#10 AR-1221-3

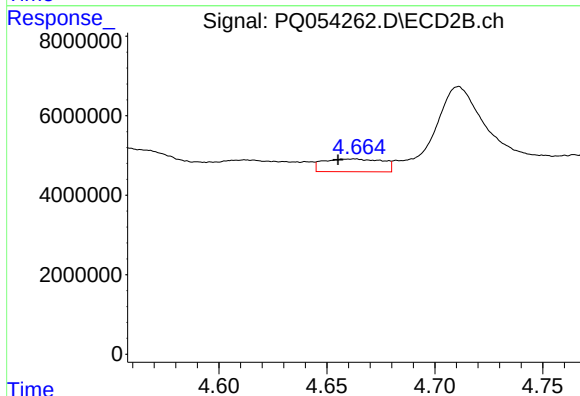
R.T.: 4.663 min
Delta R.T.: 0.008 min
Response: 6097215
Conc: 17.38 ng/ml



#11 AR-1232-1

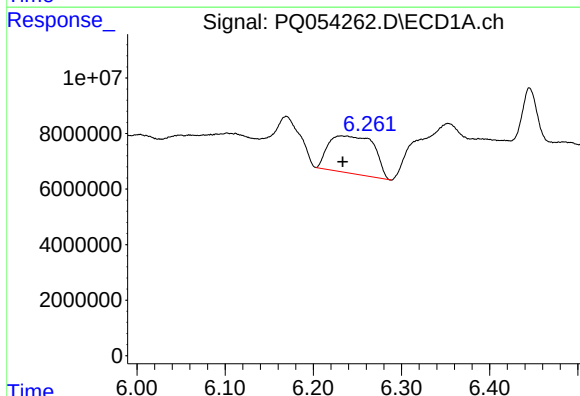
R.T.: 5.655 min
Delta R.T.: 0.013 min
Response: 2162372
Conc: 5.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



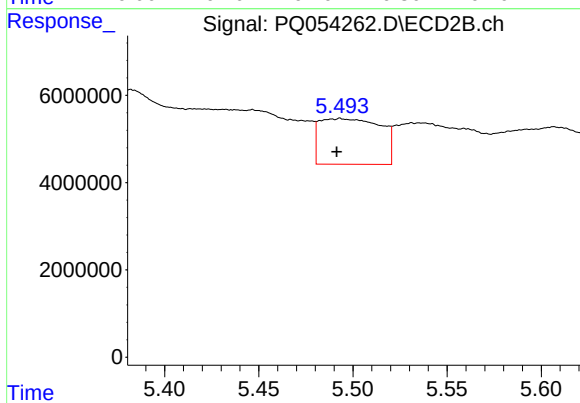
#11 AR-1232-1

R.T.: 4.663 min
Delta R.T.: 0.008 min
Response: 6097215
Conc: 26.12 ng/ml



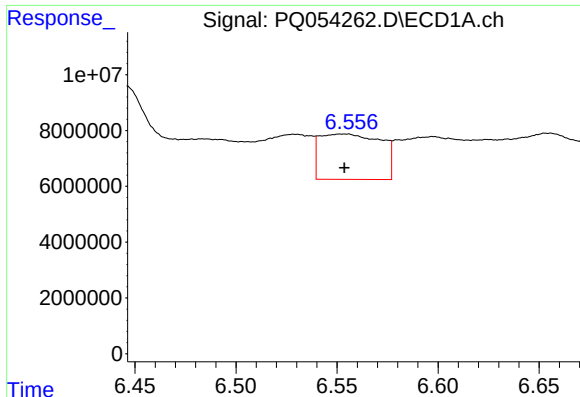
#12 AR-1232-2

R.T.: 6.232 min
Delta R.T.: -0.002 min
Response: 48382942
Conc: 208.28 ng/ml



#12 AR-1232-2

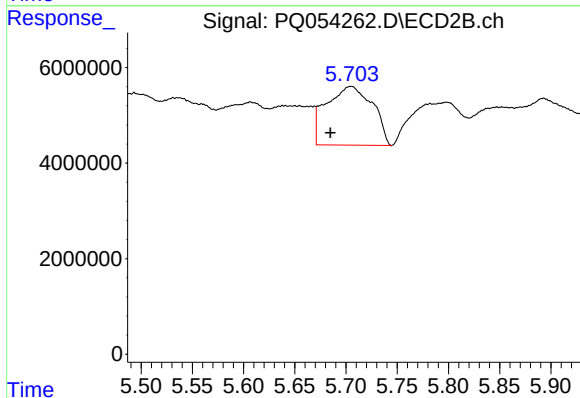
R.T.: 5.493 min
Delta R.T.: 0.002 min
Response: 23689411
Conc: 81.79 ng/ml



#13 AR-1232-3

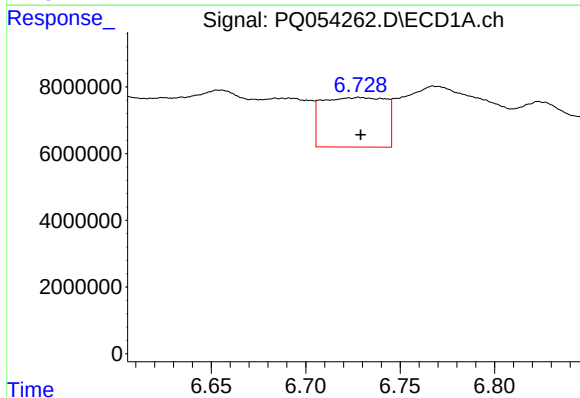
R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 34321030
Conc: 79.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



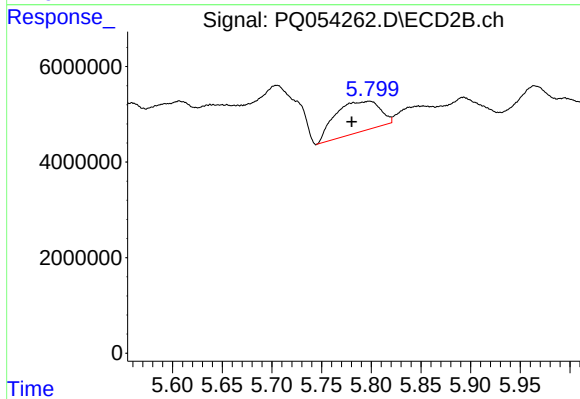
#13 AR-1232-3

R.T.: 5.705 min
Delta R.T.: 0.020 min
Response: 38623288
Conc: 291.11 ng/ml



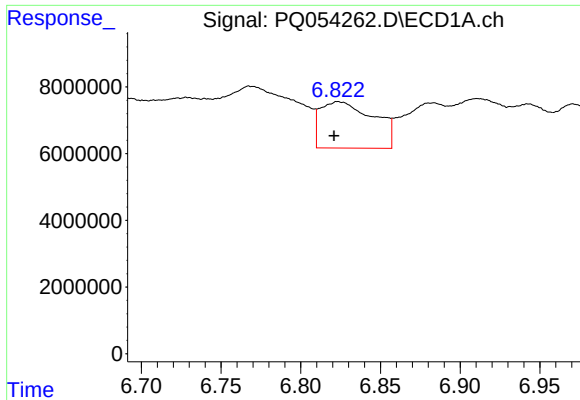
#14 AR-1232-4

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 34659688
Conc: 160.03 ng/ml



#14 AR-1232-4

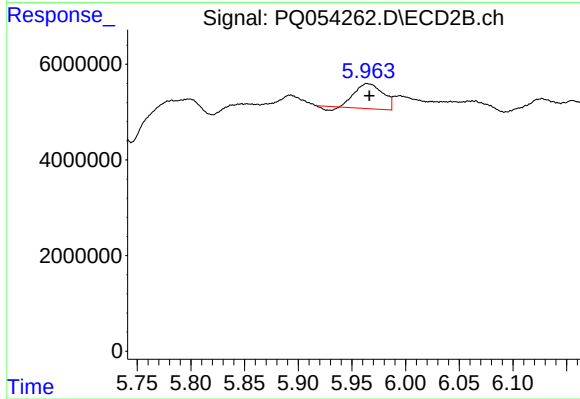
R.T.: 5.798 min
Delta R.T.: 0.018 min
Response: 20193799
Conc: 176.97 ng/ml



#15 AR-1232-5

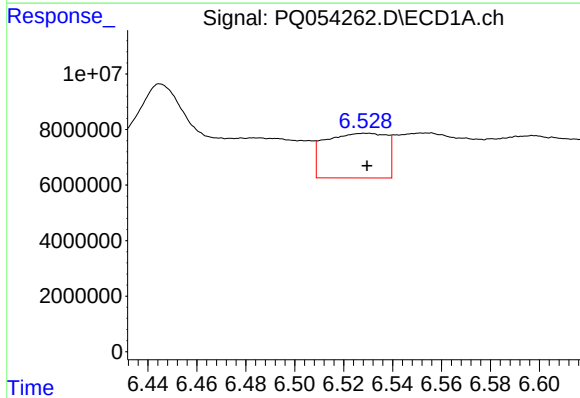
R.T.: 6.824 min
Delta R.T.: 0.003 min
Response: 32423492
Conc: 199.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



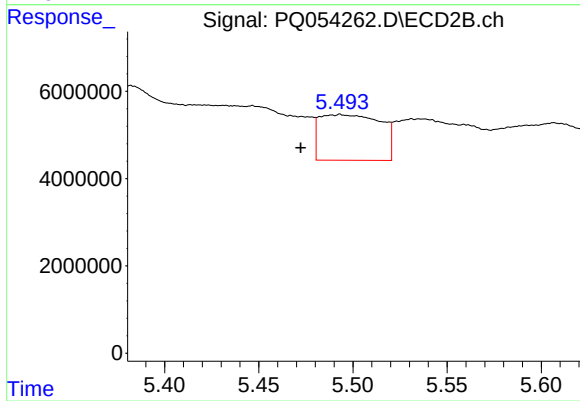
#15 AR-1232-5

R.T.: 5.964 min
Delta R.T.: -0.002 min
Response: 9224989
Conc: 71.78 ng/ml



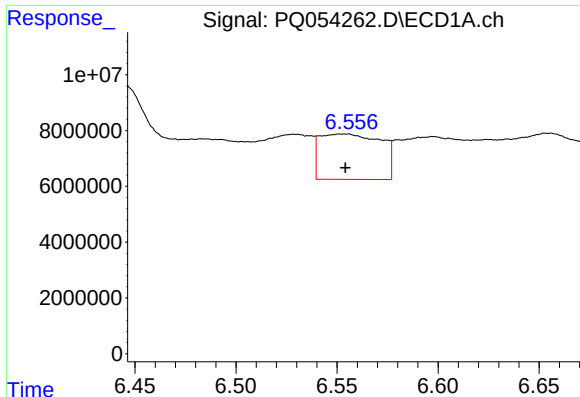
#16 AR-1242-1

R.T.: 6.529 min
Delta R.T.: 0.000 min
Response: 28027966
Conc: 61.04 ng/ml



#16 AR-1242-1

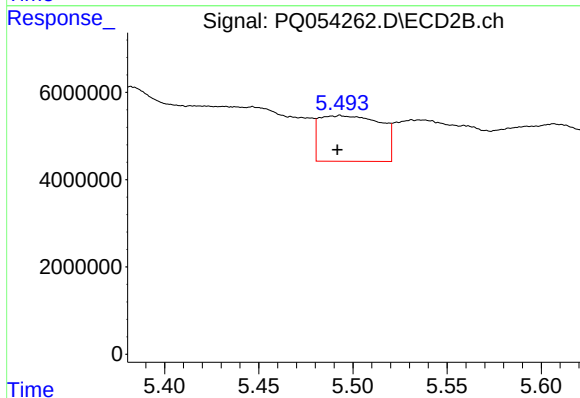
R.T.: 5.493 min
Delta R.T.: 0.021 min
Response: 23689411
Conc: 87.13 ng/ml



#17 AR-1242-2

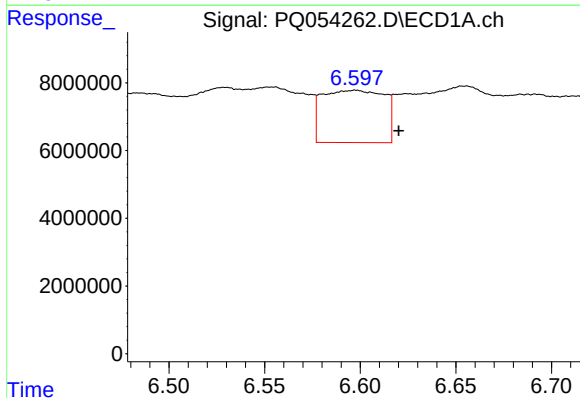
R.T.: 6.553 min
Delta R.T.: -0.001 min
Response: 34321030
Conc: 48.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



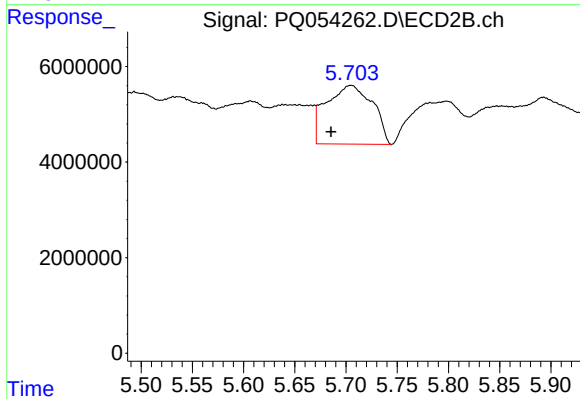
#17 AR-1242-2

R.T.: 5.493 min
Delta R.T.: 0.002 min
Response: 23689411
Conc: 50.33 ng/ml



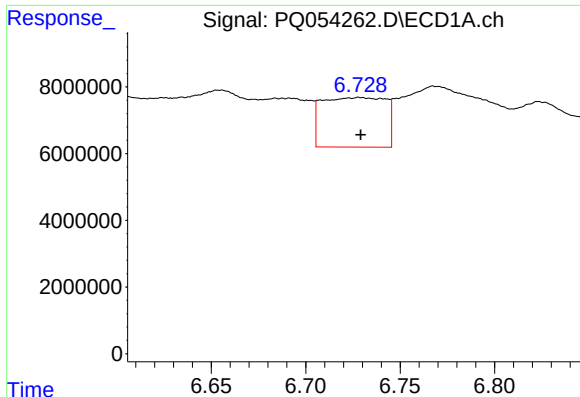
#18 AR-1242-3

R.T.: 6.597 min
Delta R.T.: -0.023 min
Response: 34851873
Conc: 80.05 ng/ml



#18 AR-1242-3

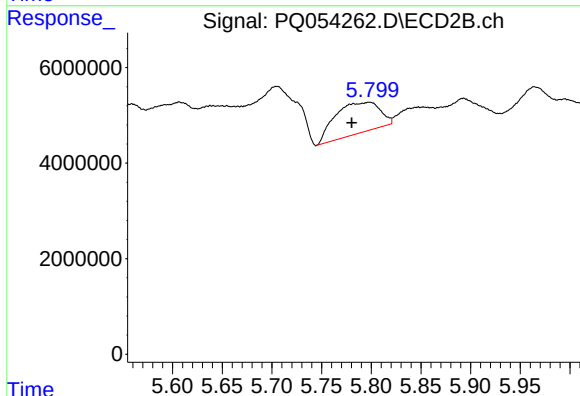
R.T.: 5.705 min
Delta R.T.: 0.020 min
Response: 38623288
Conc: 175.07 ng/ml



#19 AR-1242-4

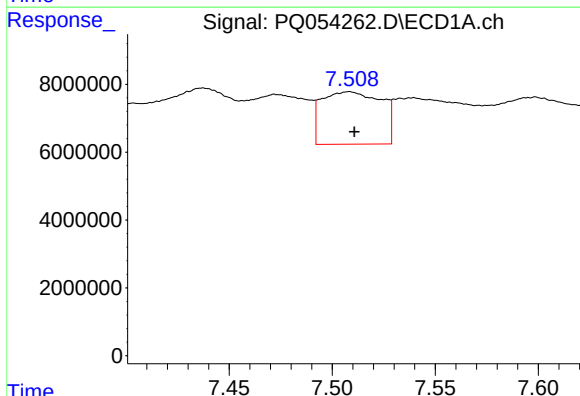
R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 34659688
Conc: 96.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



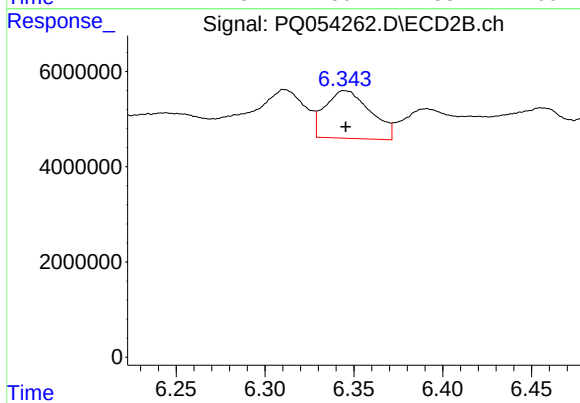
#19 AR-1242-4

R.T.: 5.798 min
Delta R.T.: 0.018 min
Response: 20193799
Conc: 93.34 ng/ml



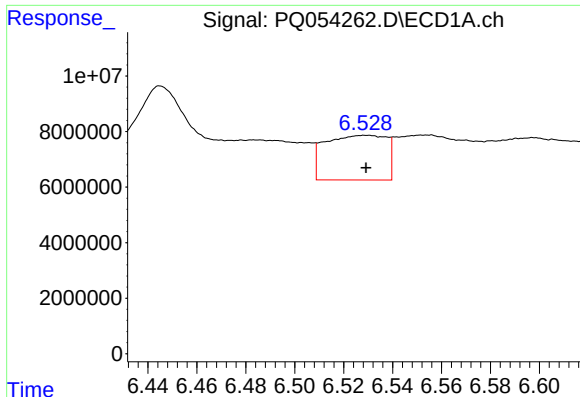
#20 AR-1242-5

R.T.: 7.508 min
Delta R.T.: -0.003 min
Response: 31106751
Conc: 84.50 ng/ml



#20 AR-1242-5

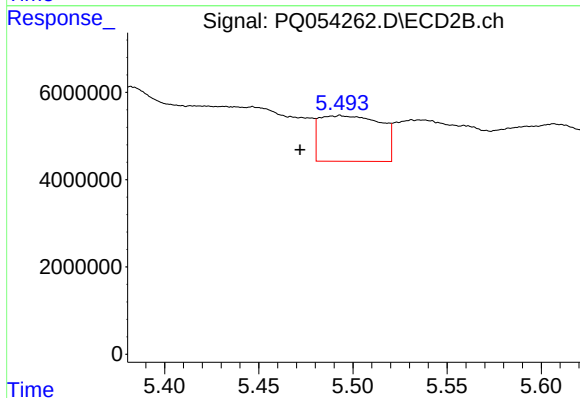
R.T.: 6.345 min
Delta R.T.: -0.001 min
Response: 17822813
Conc: 60.08 ng/ml



#21 AR-1248-1

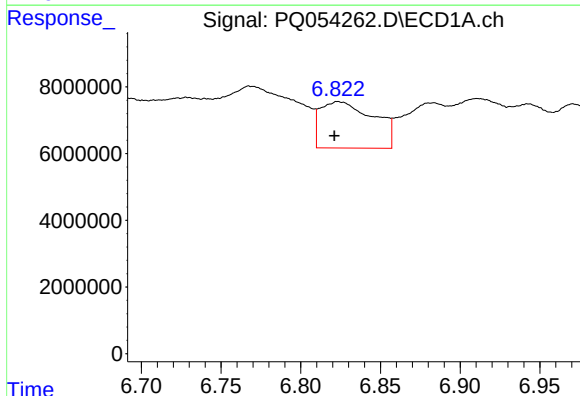
R.T.: 6.529 min
Delta R.T.: 0.000 min
Response: 28027966
Conc: 75.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



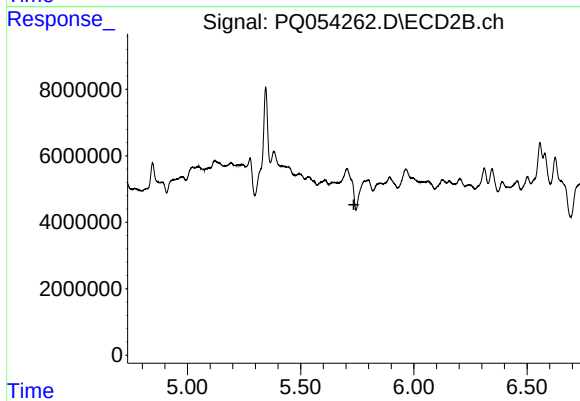
#21 AR-1248-1

R.T.: 5.493 min
Delta R.T.: 0.021 min
Response: 23689411
Conc: 105.00 ng/ml



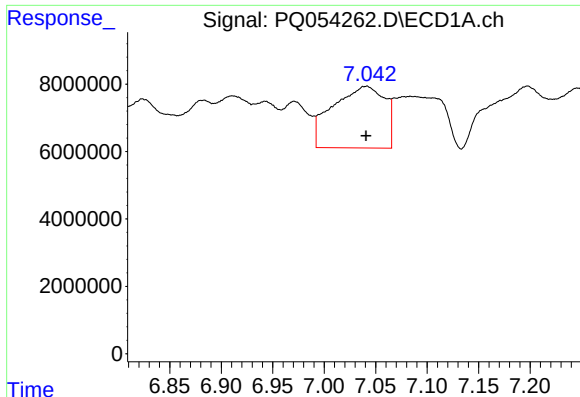
#22 AR-1248-2

R.T.: 6.824 min
Delta R.T.: 0.003 min
Response: 32423492
Conc: 61.90 ng/ml



#22 AR-1248-2

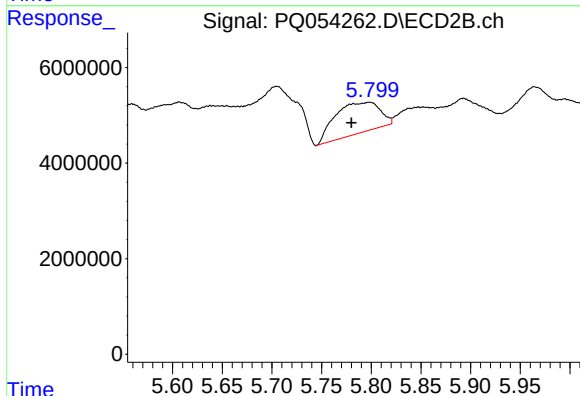
R.T.: 0.000 min
Exp R.T.: 5.735 min
Response: 0
Conc: N.D.



#23 AR-1248-3

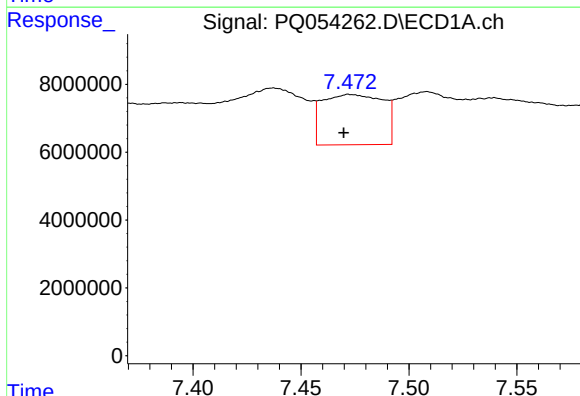
R.T.: 7.041 min
Delta R.T.: 0.000 min
Response: 64460557
Conc: 108.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



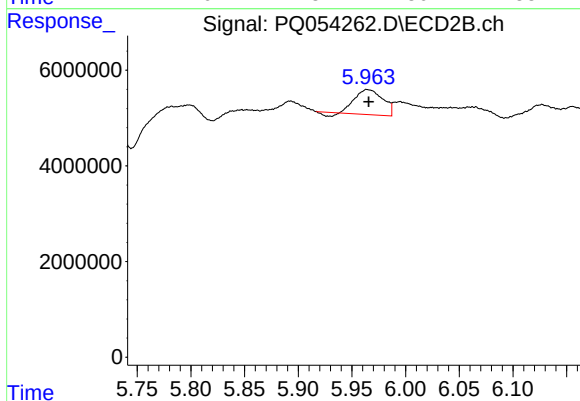
#23 AR-1248-3

R.T.: 5.798 min
Delta R.T.: 0.018 min
Response: 20193799
Conc: 61.07 ng/ml



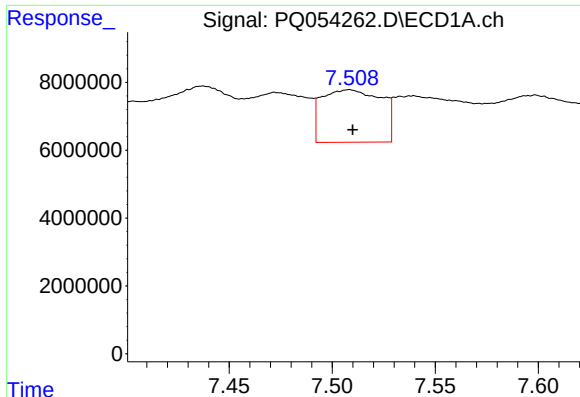
#24 AR-1248-4

R.T.: 7.473 min
Delta R.T.: 0.003 min
Response: 29125313
Conc: 43.84 ng/ml



#24 AR-1248-4

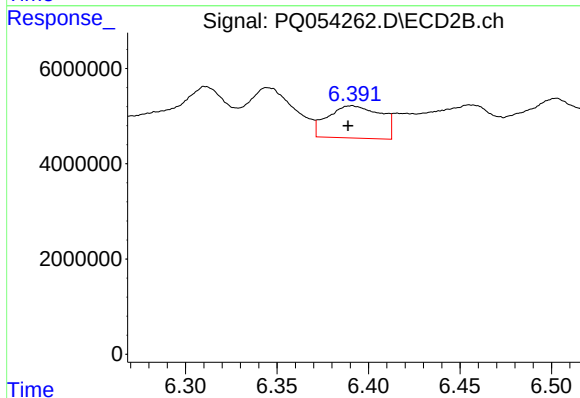
R.T.: 5.964 min
Delta R.T.: -0.002 min
Response: 9224989
Conc: 23.24 ng/ml



#25 AR-1248-5

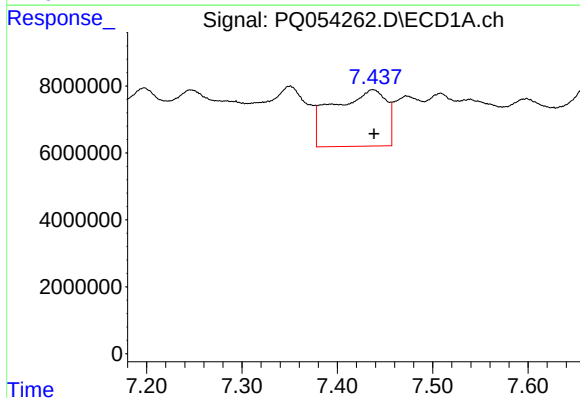
R.T.: 7.508 min
Delta R.T.: -0.002 min
Response: 31106751
Conc: 47.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



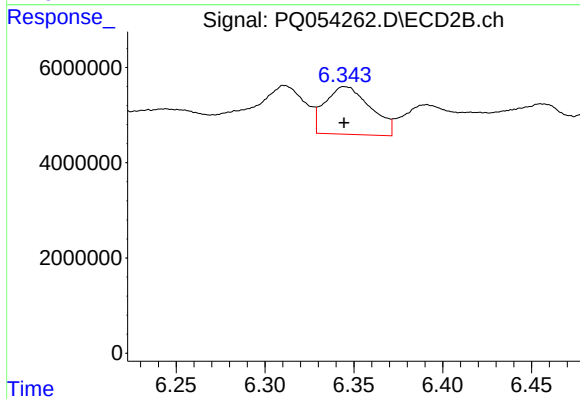
#25 AR-1248-5

R.T.: 6.391 min
Delta R.T.: 0.002 min
Response: 13655180
Conc: 34.26 ng/ml



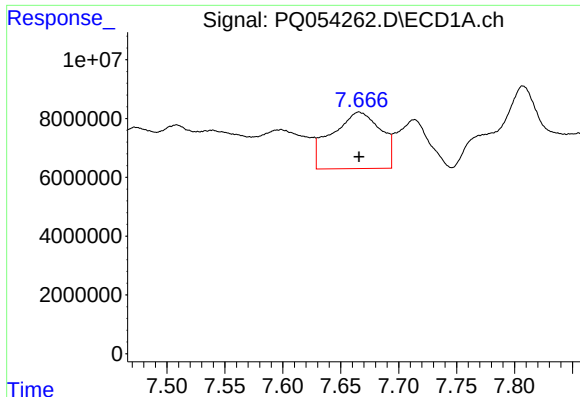
#26 AR-1254-1

R.T.: 7.437 min
Delta R.T.: -0.001 min
Response: 65653678
Conc: 92.89 ng/ml



#26 AR-1254-1

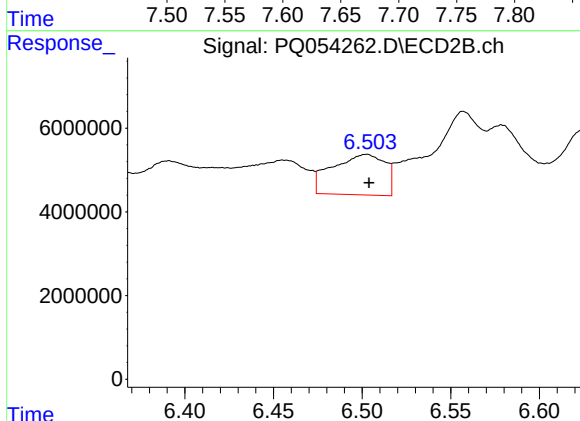
R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 17822813
Conc: 26.65 ng/ml



#27 AR-1254-2

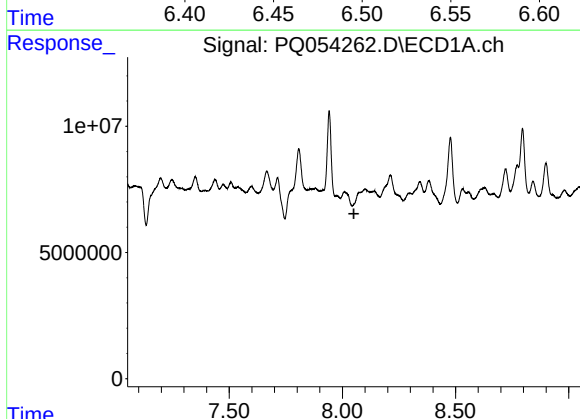
R.T.: 7.666 min
Delta R.T.: 0.000 min
Response: 56597519
Conc: 51.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



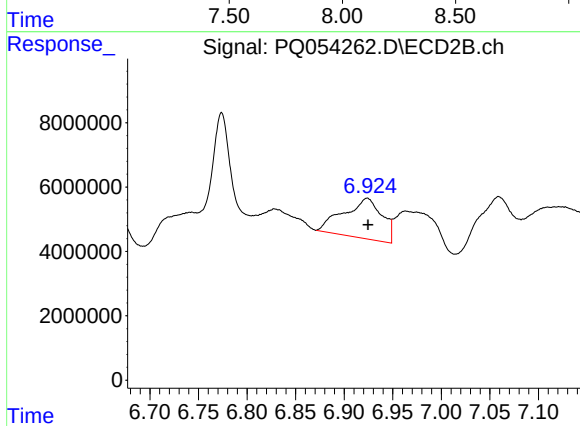
#27 AR-1254-2

R.T.: 6.503 min
Delta R.T.: 0.000 min
Response: 19957804
Conc: 32.46 ng/ml



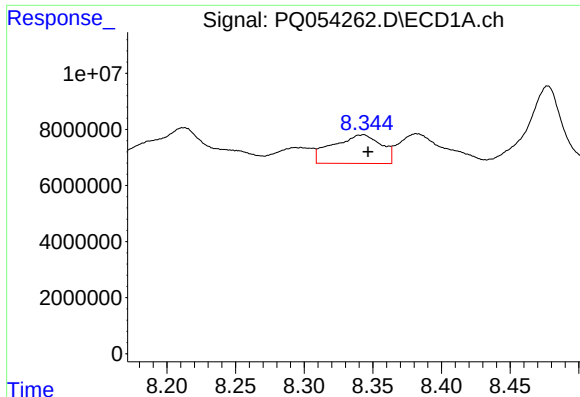
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 8.051 min
Response: 0
Conc: N.D.



#28 AR-1254-3

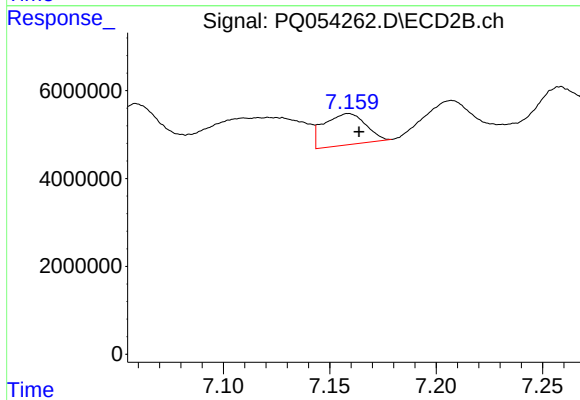
R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 34296494
Conc: 35.52 ng/ml



#29 AR-1254-4

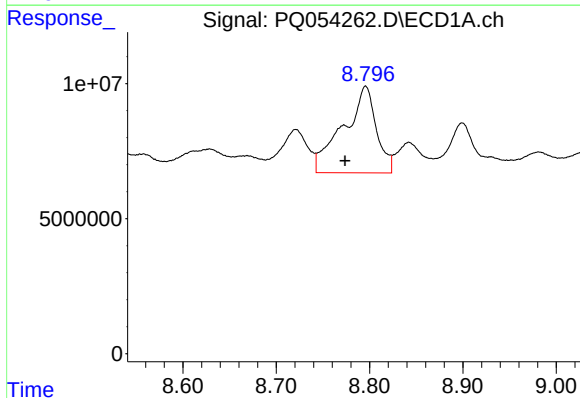
R.T.: 8.342 min
Delta R.T.: -0.004 min
Response: 25160271
Conc: 28.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



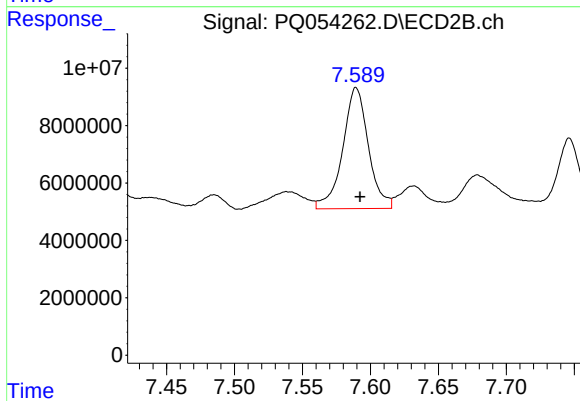
#29 AR-1254-4

R.T.: 7.159 min
Delta R.T.: -0.005 min
Response: 9779389
Conc: 14.67 ng/ml



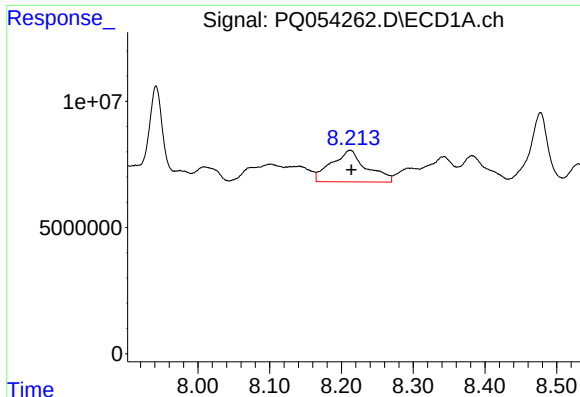
#30 AR-1254-5

R.T.: 8.796 min
Delta R.T.: 0.022 min
Response: 79307111
Conc: 81.27 ng/ml



#30 AR-1254-5

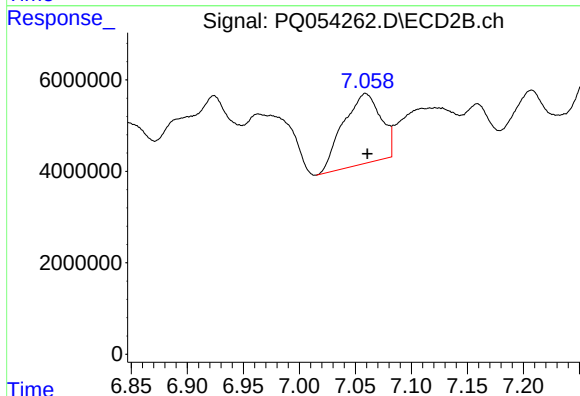
R.T.: 7.589 min
Delta R.T.: -0.003 min
Response: 55397101
Conc: 56.80 ng/ml



#31 AR-1260-1

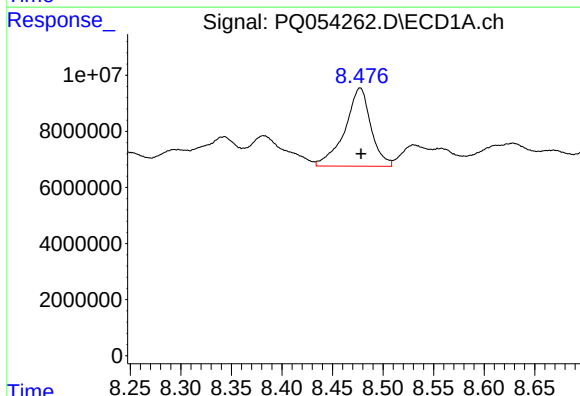
R.T.: 8.212 min
Delta R.T.: -0.002 min
Response: 42318739
Conc: 43.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



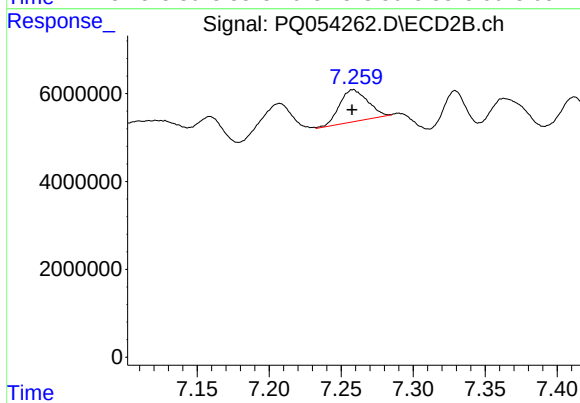
#31 AR-1260-1

R.T.: 7.059 min
Delta R.T.: -0.002 min
Response: 36016840
Conc: 48.05 ng/ml



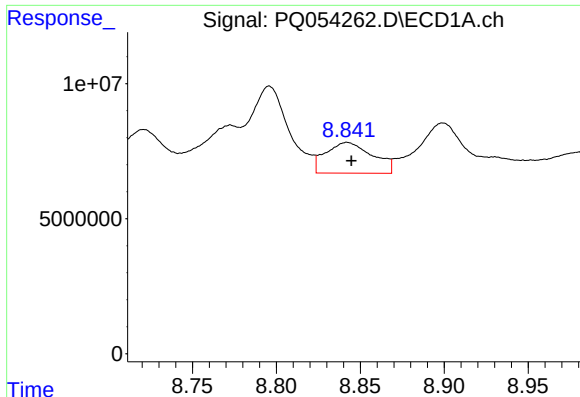
#32 AR-1260-2

R.T.: 8.477 min
Delta R.T.: -0.001 min
Response: 49936251
Conc: 43.98 ng/ml



#32 AR-1260-2

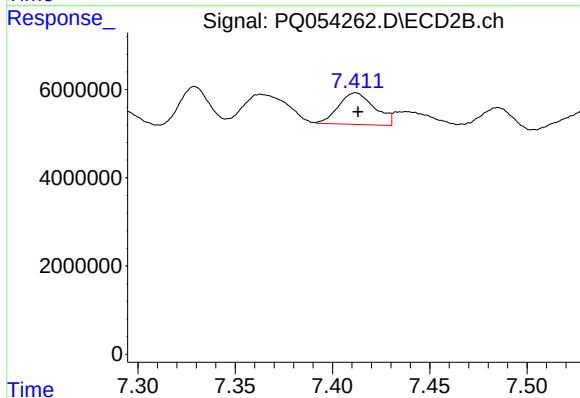
R.T.: 7.259 min
Delta R.T.: 0.001 min
Response: 9890959
Conc: 9.47 ng/ml



#33 AR-1260-3

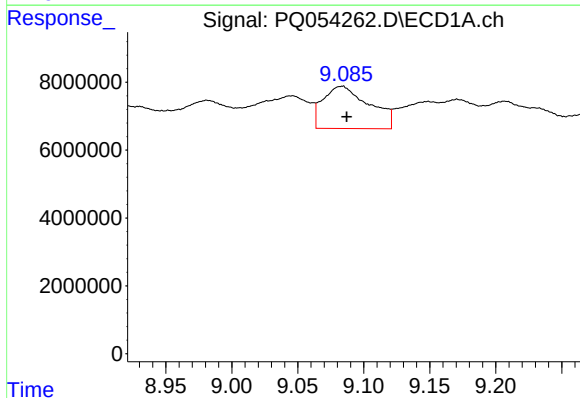
R.T.: 8.842 min
Delta R.T.: -0.003 min
Response: 22160237
Conc: 31.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



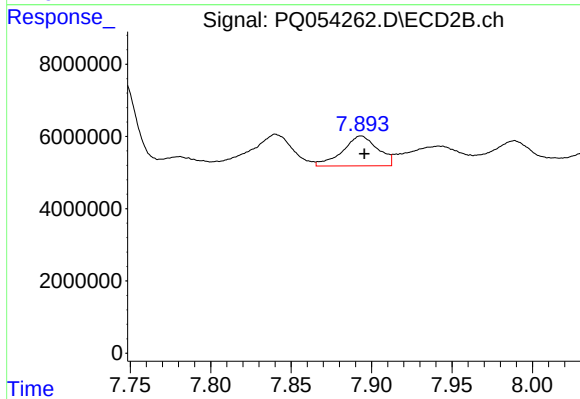
#33 AR-1260-3

R.T.: 7.412 min
Delta R.T.: -0.001 min
Response: 9218665
Conc: 10.59 ng/ml



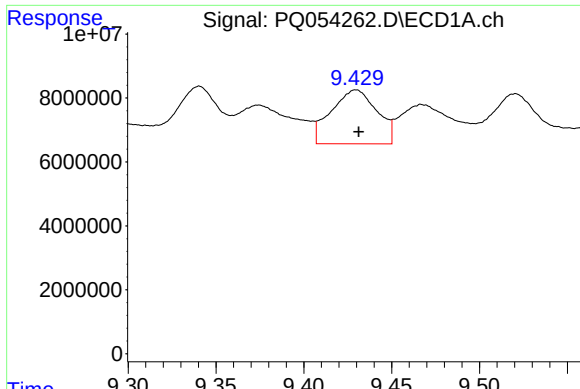
#34 AR-1260-4

R.T.: 9.083 min
Delta R.T.: -0.004 min
Response: 30414410
Conc: 34.38 ng/ml



#34 AR-1260-4

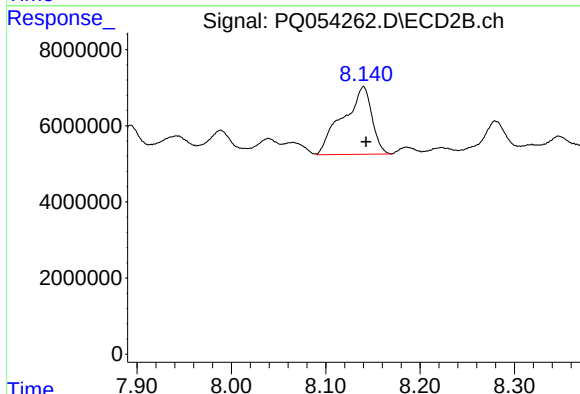
R.T.: 7.894 min
Delta R.T.: -0.002 min
Response: 12602093
Conc: 20.24 ng/ml



#35 AR-1260-5

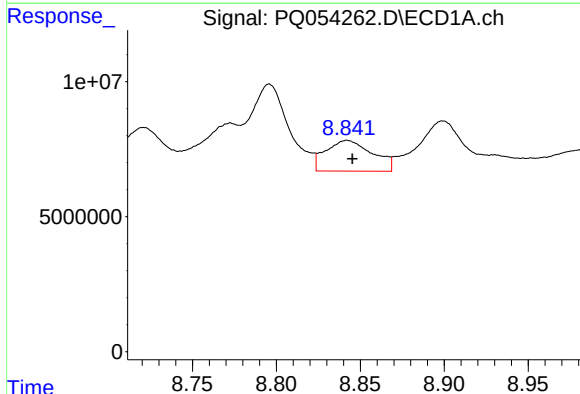
R.T.: 9.430 min
Delta R.T.: -0.002 min
Response: 30550693
Conc: 18.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



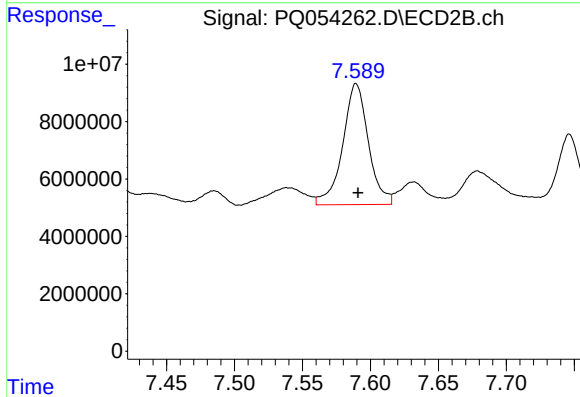
#35 AR-1260-5

R.T.: 8.140 min
Delta R.T.: -0.002 min
Response: 37933090
Conc: 22.14 ng/ml



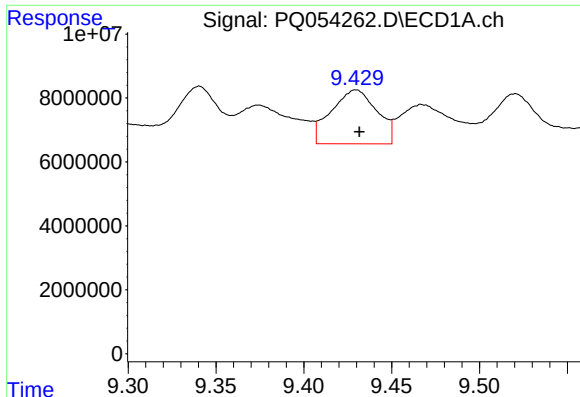
#36 AR-1262-1

R.T.: 8.842 min
Delta R.T.: -0.003 min
Response: 22160237
Conc: 22.40 ng/ml



#36 AR-1262-1

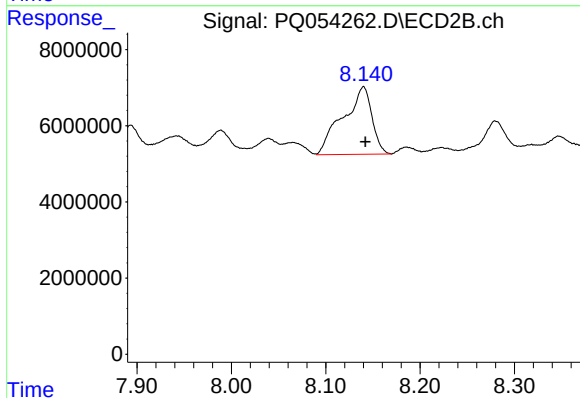
R.T.: 7.589 min
Delta R.T.: -0.002 min
Response: 55397101
Conc: 122.58 ng/ml



#37 AR-1262-2

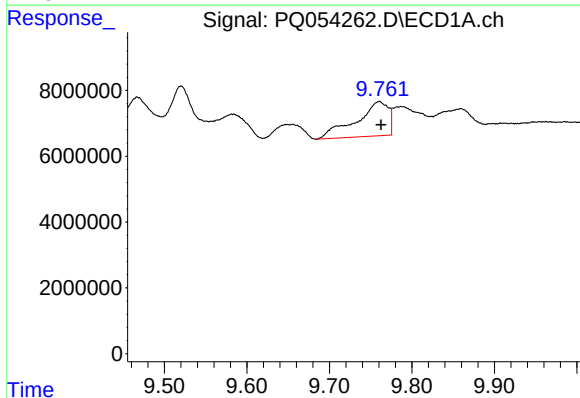
R.T.: 9.430 min
Delta R.T.: -0.002 min
Response: 30550693
Conc: 16.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



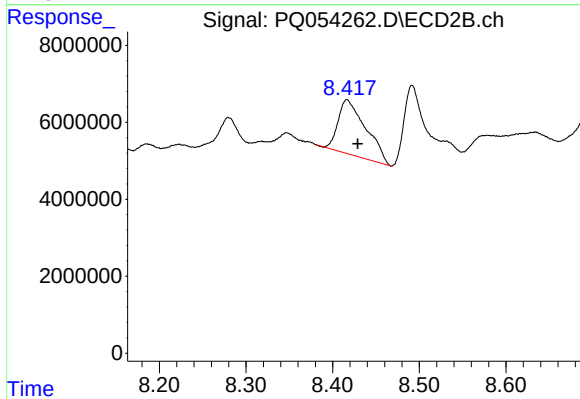
#37 AR-1262-2

R.T.: 8.140 min
Delta R.T.: -0.002 min
Response: 37933090
Conc: 20.14 ng/ml



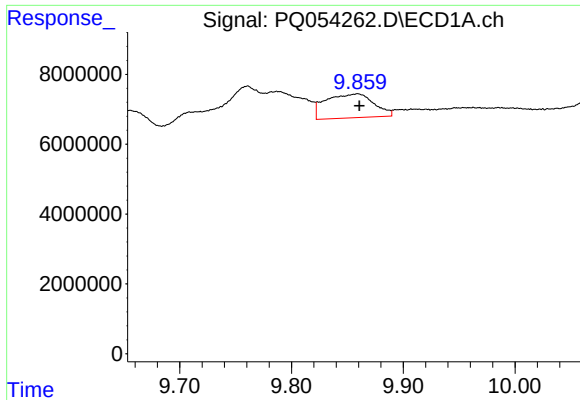
#38 AR-1262-3

R.T.: 9.760 min
Delta R.T.: -0.003 min
Response: 28411310
Conc: 23.19 ng/ml



#38 AR-1262-3

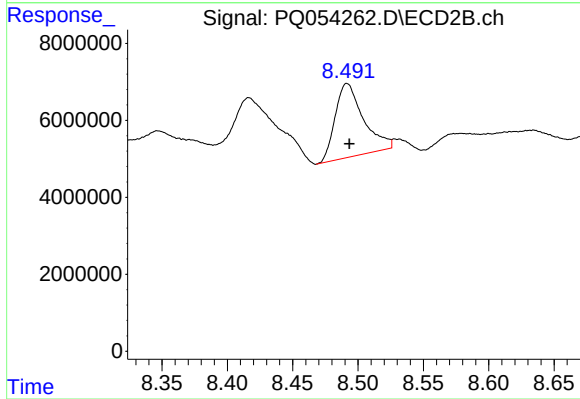
R.T.: 8.417 min
Delta R.T.: -0.012 min
Response: 31575496
Conc: 41.13 ng/ml



#39 AR-1262-4

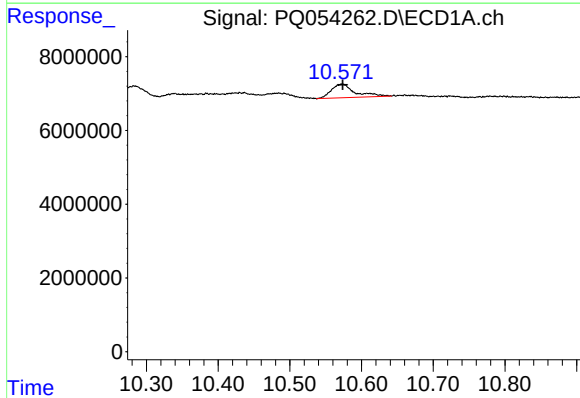
R.T.: 9.859 min
Delta R.T.: -0.002 min
Response: 20526299
Conc: 22.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



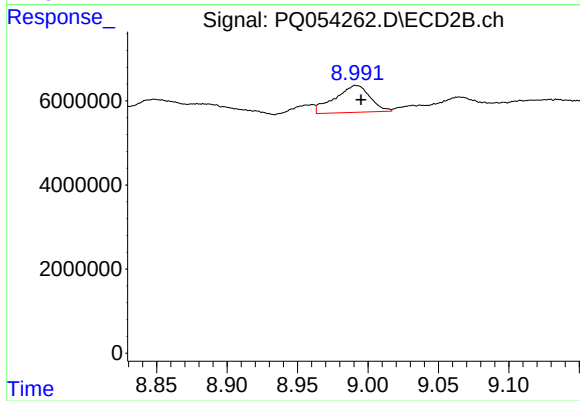
#39 AR-1262-4

R.T.: 8.492 min
Delta R.T.: -0.002 min
Response: 28807810
Conc: 23.04 ng/ml



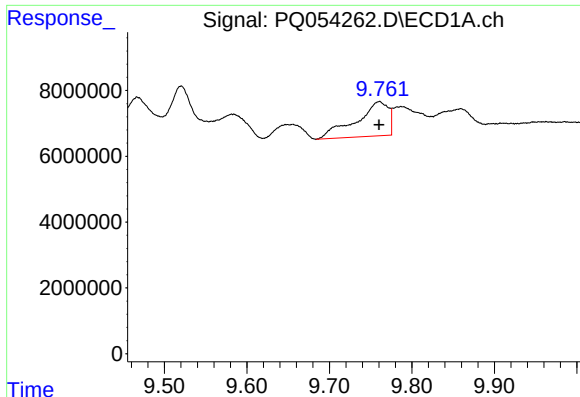
#40 AR-1262-5

R.T.: 10.573 min
Delta R.T.: -0.001 min
Response: 8411274
Conc: 12.69 ng/ml



#40 AR-1262-5

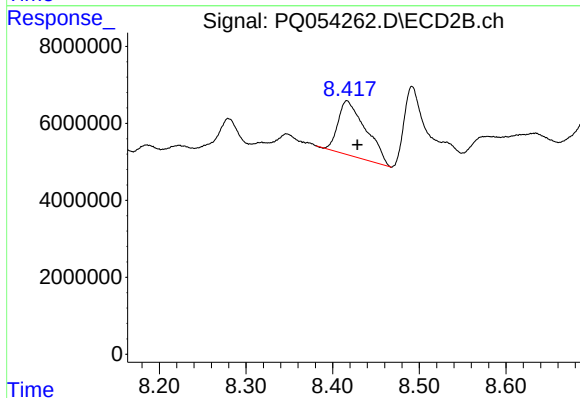
R.T.: 8.991 min
Delta R.T.: -0.004 min
Response: 11143665
Conc: 19.31 ng/ml



#41 AR-1268-1

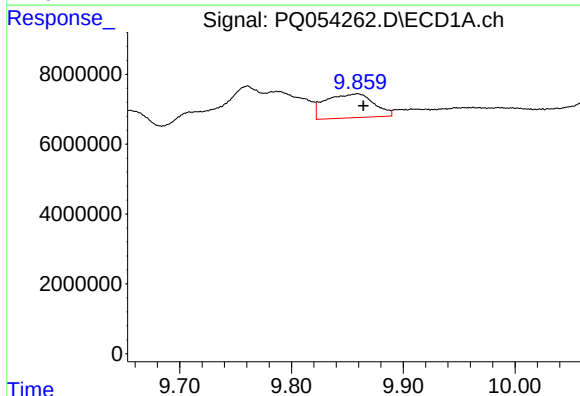
R.T.: 9.760 min
Delta R.T.: 0.000 min
Response: 28411310
Conc: 13.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



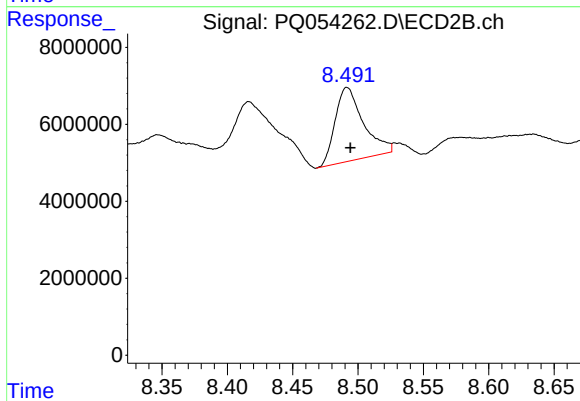
#41 AR-1268-1

R.T.: 8.417 min
Delta R.T.: -0.012 min
Response: 31575496
Conc: 14.00 ng/ml



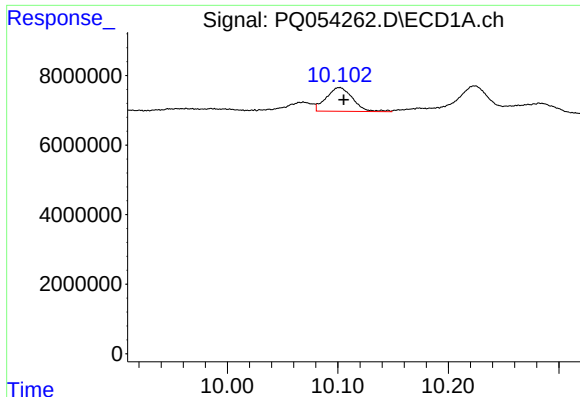
#42 AR-1268-2

R.T.: 9.859 min
Delta R.T.: -0.006 min
Response: 20526299
Conc: 10.64 ng/ml



#42 AR-1268-2

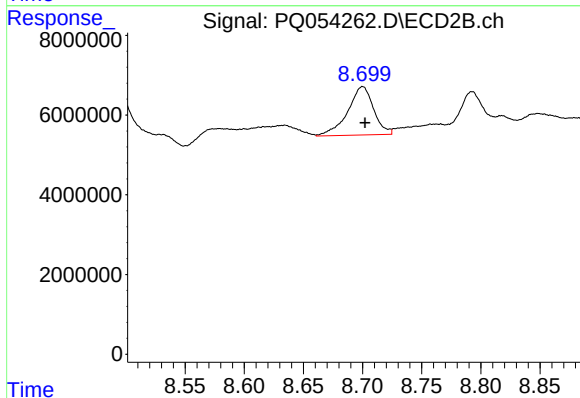
R.T.: 8.492 min
Delta R.T.: -0.003 min
Response: 28807810
Conc: 15.42 ng/ml



#43 AR-1268-3

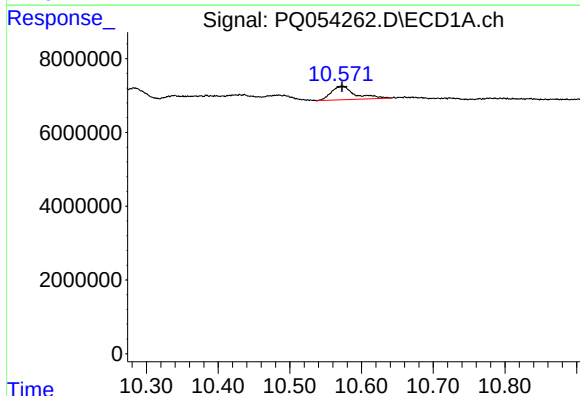
R.T.: 10.101 min
Delta R.T.: -0.004 min
Response: 11386445
Conc: 7.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



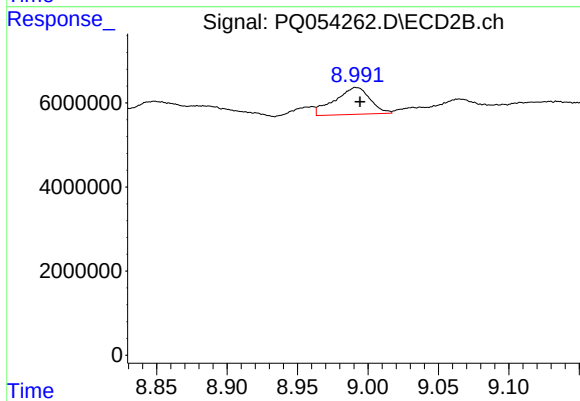
#43 AR-1268-3

R.T.: 8.700 min
Delta R.T.: -0.002 min
Response: 18530999
Conc: 11.09 ng/ml



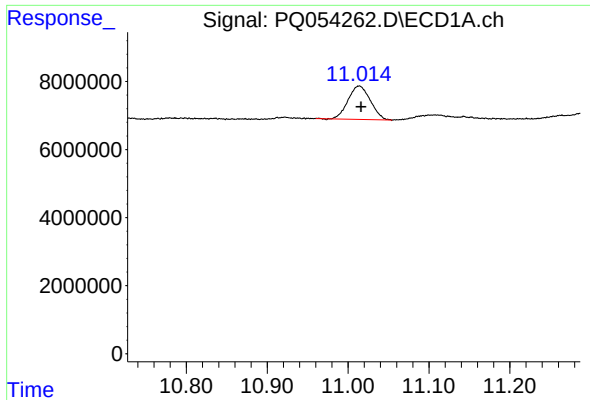
#44 AR-1268-4

R.T.: 10.573 min
Delta R.T.: 0.000 min
Response: 8411274
Conc: 11.50 ng/ml



#44 AR-1268-4

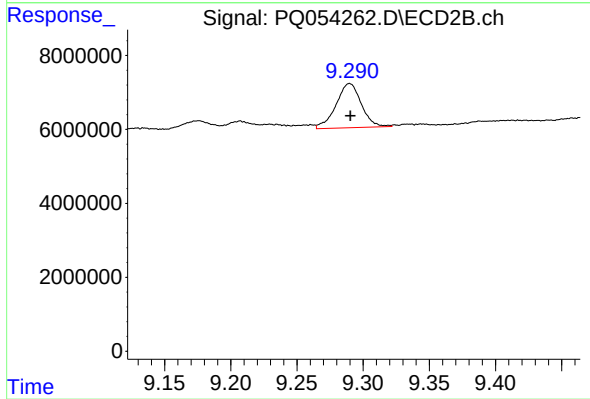
R.T.: 8.991 min
Delta R.T.: -0.003 min
Response: 11143665
Conc: 17.09 ng/ml



#45 AR-1268-5

R.T.: 11.014 min
Delta R.T.: -0.002 min
Response: 18887996
Conc: 3.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.290 min
Delta R.T.: 0.000 min
Response: 15875847
Conc: 3.37 ng/ml