

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062818\
 Data File : PQ030180.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jun 2018 10:57
 Operator : UA/SM
 Sample : J3590-01
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 29 02:05:15 2018
 Quant Method : \\TERASTORAGE\Terastorage\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ062718CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 28 03:57:59 2018
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.436	3.700	1503.6E6	369.7E6	34.320	28.448
2) SA Decachlor...	10.119	8.675	2090.5E6	942.4E6	67.232	57.786
Target Compounds						
3) L1 AR-1016-1	4.741	4.129	21747950	17622086	30.712	79.536 #
4) L1 AR-1016-2	5.320	4.563	98416185	3410958	101.749	9.866 #
5) L1 AR-1016-3	5.698	4.848	4342573	5381574	3.409	10.847 #
6) L1 AR-1016-4	0.000	4.966	0	6582143	N.D.	18.195 #
7) L1 AR-1016-5	5.880	5.030	37946298	2150537	41.880	7.583 #
8) L2 AR-1221-1	0.000	3.970	0	501185	N.D.	2.520 #
9) L2 AR-1221-2	4.741	3.999	21747950	4314021	55.954	32.820 #
10) L2 AR-1221-3	4.741	4.129	21747950	17622086	15.813	39.310 #
11) L3 AR-1232-1	4.741	4.129	21747950	17622086	21.172	53.339 #
12) L3 AR-1232-2	5.320	4.563	98416185	3410958	203.565	17.389 #
13) L3 AR-1232-3	6.249	5.415	183.1E6	11909597	289.318	58.959 #
14) L3 AR-1232-4	6.484	5.582	161.9E6	70704295	277.756	292.788
15) L3 AR-1232-5	6.484	5.620	161.9E6	18945930	271.183	86.501 #
16) L4 AR-1242-1	5.137	4.415	54174045	3485554	55.275	10.288 #
17) L4 AR-1242-2	5.624	4.806	38822618	6766185	18.829	9.841 #
18) L4 AR-1242-3	6.084	5.073	14677637	13202441	13.910	37.362 #
19) L4 AR-1242-4	6.461	5.544	190.3E6	55963033	220.657	226.183
20) L4 AR-1242-5	6.484	5.840	161.9E6	290.7E6	136.126	1068.464 #
21) L5 AR-1248-1	6.084	5.255	14677637	3127247	8.301	4.801 #
22) L5 AR-1248-2	6.249	5.544	183.1E6	55963033	117.282	142.634
23) L5 AR-1248-3	6.484	5.620	161.9E6	18945930	79.773	27.691 #
24) L5 AR-1248-4	6.484	6.064	161.9E6	13039816	83.420	45.502 #
25) L5 AR-1248-5	6.668	6.091	287.7E6	30191013	143.264	181.015 #
26) L6 AR-1254-1	6.461	5.582	190.3E6	70704295	98.130	72.800 #
27) L6 AR-1254-2	6.668	5.743	287.7E6	68042688	96.146	79.807
28) L6 AR-1254-3	7.037	6.137	185.0E6	51820484	56.773	35.807 #
29) L6 AR-1254-4	7.289	6.370	197.3E6	20773868	82.332	21.771 #
30) L6 AR-1254-5	7.569	6.662	117.4E6	4777197	63.339	7.084 #
31) L7 AR-1260-1	7.187	6.248	151.9E6	55028513	76.862	65.748
32) L7 AR-1260-2	7.440	6.432	321.2E6	63754122	141.490	61.350 #
33) L7 AR-1260-3	7.797	6.587	179.9E6	33385960	109.969	34.646 #
34) L7 AR-1260-4	8.339	7.293	265.4E6	125.7E6	72.590	63.023
35) L7 AR-1260-5	8.661	7.639	193.7E6	98034942	83.248	69.259
36) L8 AR-1262-1	7.082	6.137	129.3E6	51820484	72.627	94.836 #
37) L8 AR-1262-2	7.723	6.796	297.4E6	61442624	123.674	40.745 #
38) L8 AR-1262-3	7.797	7.576	179.9E6	34523518	51.164	30.955 #
39) L8 AR-1262-4	7.853	8.130	75692262	32115769	47.736	33.981 #
40) L8 AR-1262-5	8.735	8.420	54979036	18512928	18.444	48.928 #
41) L9 AR-1268-1	8.735	7.639	54979036	98034942	9.270	34.477 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 29 02:05:15 2018
 Quant Method : \\TERASTORAGE\Terastorage\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ062718CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 28 03:57:59 2018
 Response via : Initial Calibration
 Integrator: ChemStation

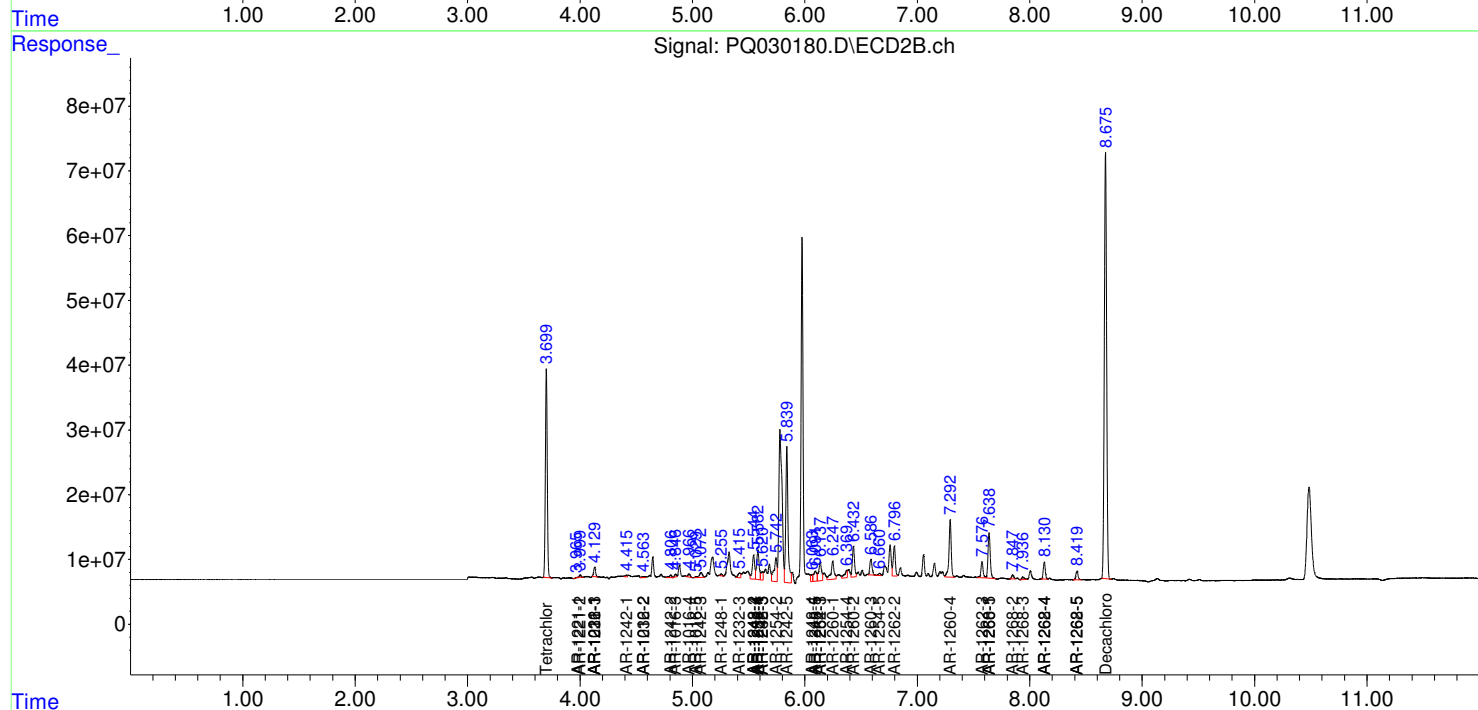
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

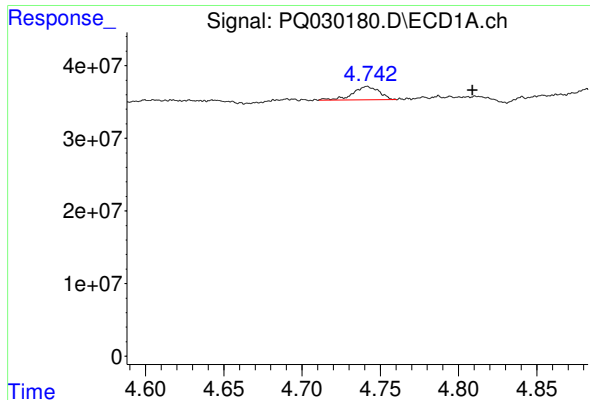
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.963	7.847	17255274	7559173	3.502	3.175
43) L9	AR-1268-3	9.118	7.937	39602013	5053820	30.727	8.145 #
44) L9	AR-1268-4	9.383	8.130	76638317	32115769	33.077	32.016
45) L9	AR-1268-5	9.787	8.420	44106682	18512928	2.851	2.408

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

Instrument :
ECD_Q
ClientSampleId :

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

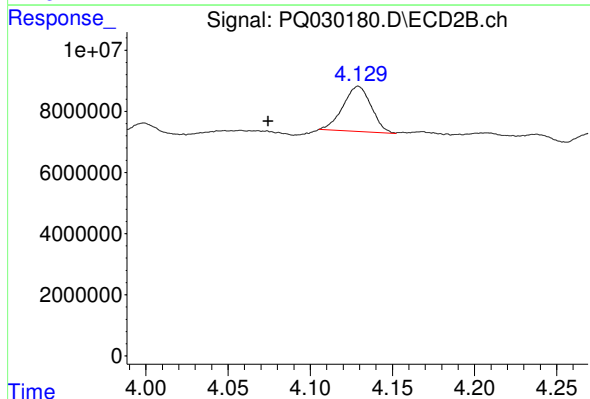




#3 AR-1016-1

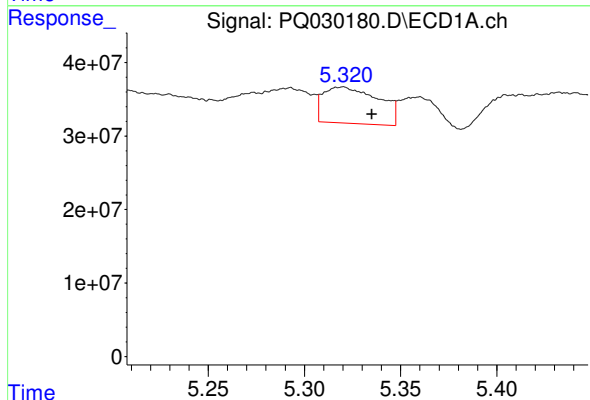
R.T.: 4.741 min
Delta R.T.: -0.068 min
Response: 21747950
Conc: 30.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



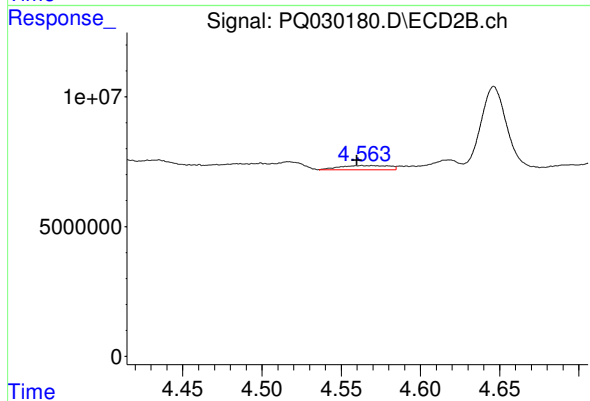
#3 AR-1016-1

R.T.: 4.129 min
Delta R.T.: 0.055 min
Response: 17622086
Conc: 79.54 ng/ml



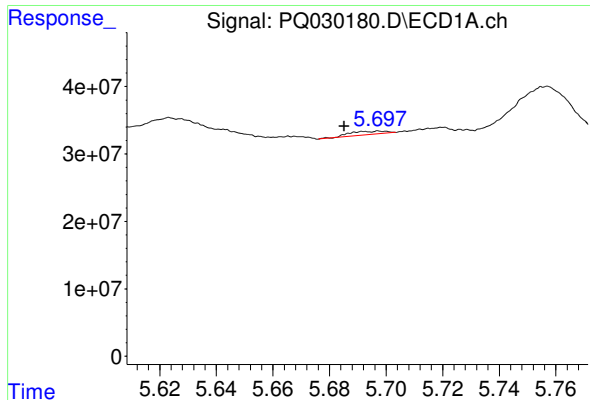
#4 AR-1016-2

R.T.: 5.320 min
Delta R.T.: -0.015 min
Response: 98416185
Conc: 101.75 ng/ml



#4 AR-1016-2

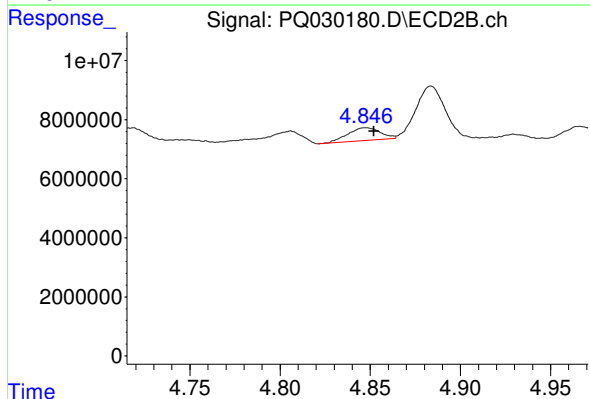
R.T.: 4.563 min
Delta R.T.: 0.003 min
Response: 3410958
Conc: 9.87 ng/ml



#5 AR-1016-3

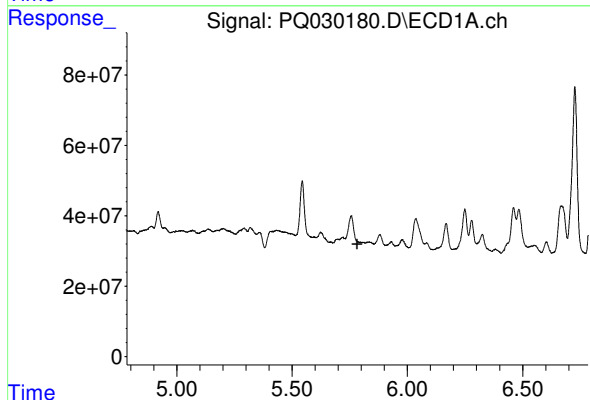
R.T.: 5.698 min
Delta R.T.: 0.013 min
Response: 4342573
Conc: 3.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



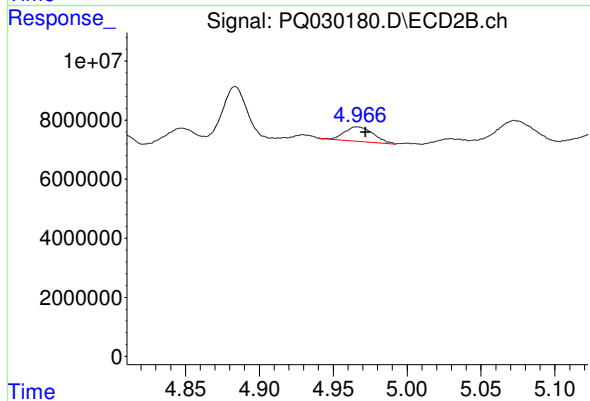
#5 AR-1016-3

R.T.: 4.848 min
Delta R.T.: -0.004 min
Response: 5381574
Conc: 10.85 ng/ml



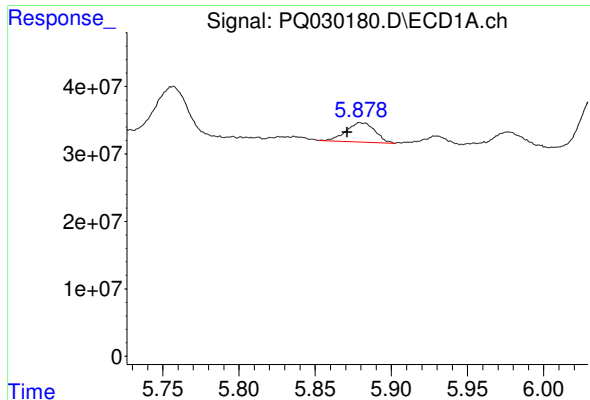
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.783 min
Response: 0
Conc: N.D.



#6 AR-1016-4

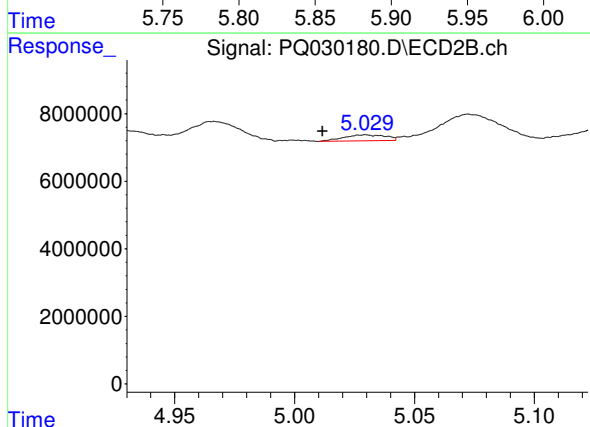
R.T.: 4.966 min
Delta R.T.: -0.006 min
Response: 6582143
Conc: 18.20 ng/ml



#7 AR-1016-5

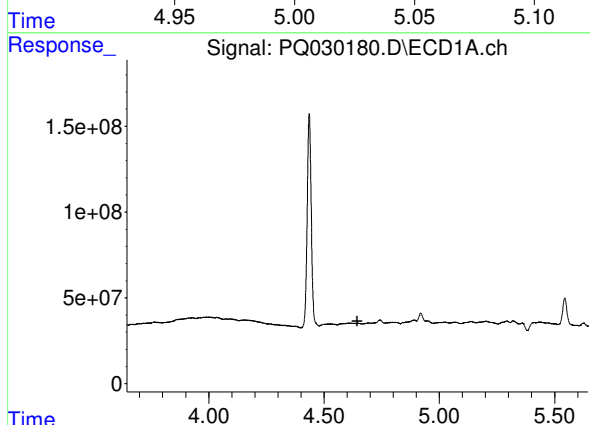
R.T.: 5.880 min
Delta R.T.: 0.009 min
Response: 37946298
Conc: 41.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



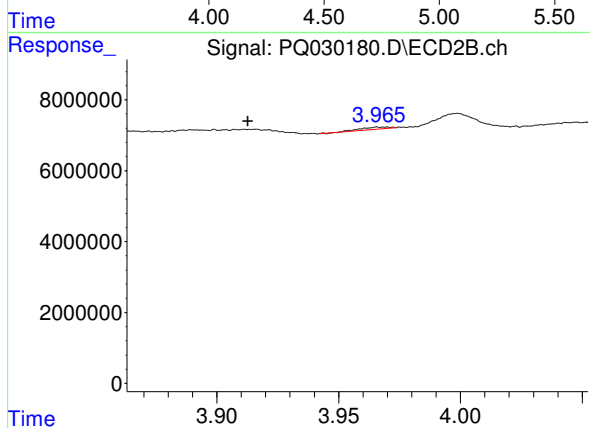
#7 AR-1016-5

R.T.: 5.030 min
Delta R.T.: 0.018 min
Response: 2150537
Conc: 7.58 ng/ml



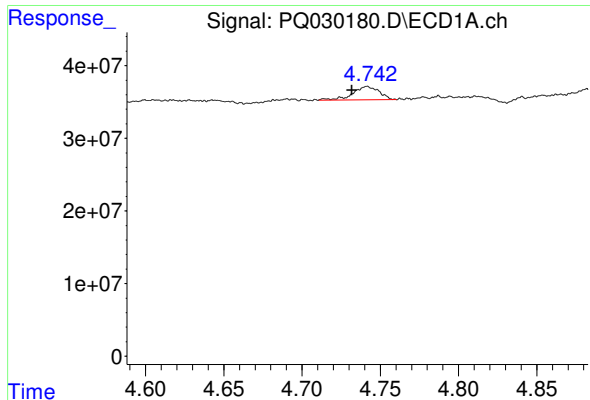
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.645 min
Response: 0
Conc: N.D.



#8 AR-1221-1

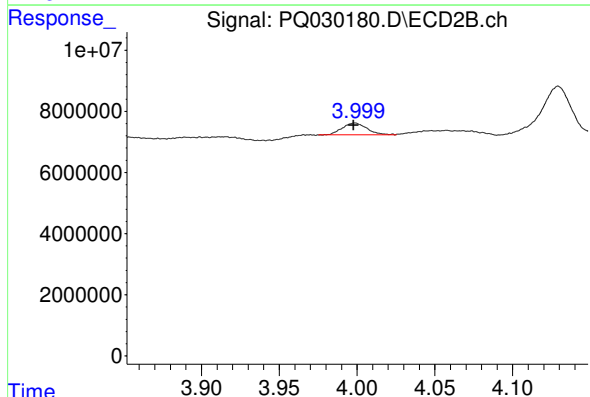
R.T.: 3.970 min
Delta R.T.: 0.057 min
Response: 501185
Conc: 2.52 ng/ml



#9 AR-1221-2

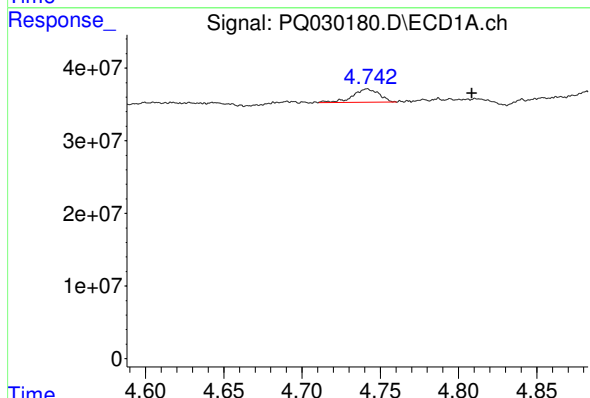
R.T.: 4.741 min
Delta R.T.: 0.010 min
Response: 21747950
Conc: 55.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



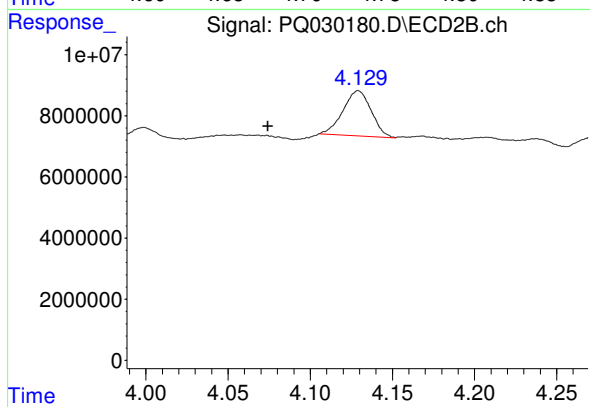
#9 AR-1221-2

R.T.: 3.999 min
Delta R.T.: 0.001 min
Response: 4314021
Conc: 32.82 ng/ml



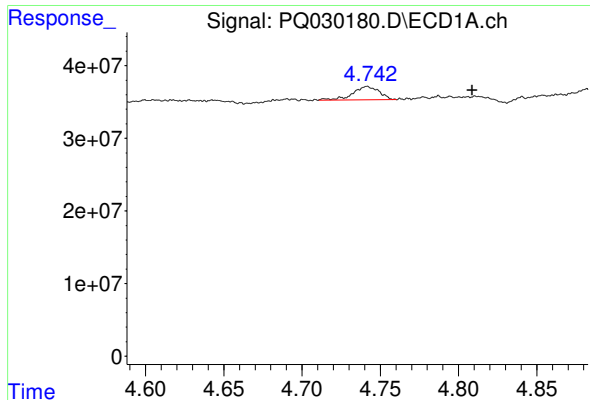
#10 AR-1221-3

R.T.: 4.741 min
Delta R.T.: -0.067 min
Response: 21747950
Conc: 15.81 ng/ml



#10 AR-1221-3

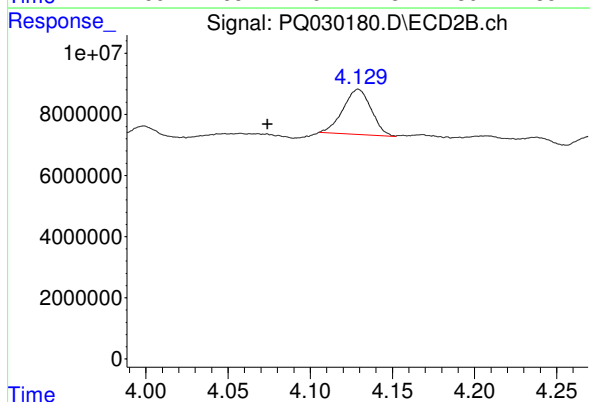
R.T.: 4.129 min
Delta R.T.: 0.055 min
Response: 17622086
Conc: 39.31 ng/ml



#11 AR-1232-1

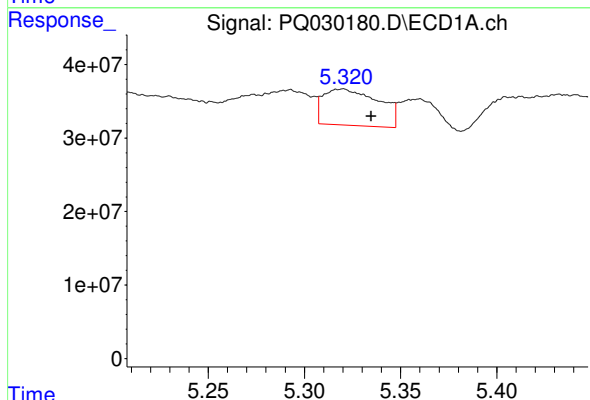
R.T.: 4.741 min
Delta R.T.: -0.067 min
Response: 21747950
Conc: 21.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



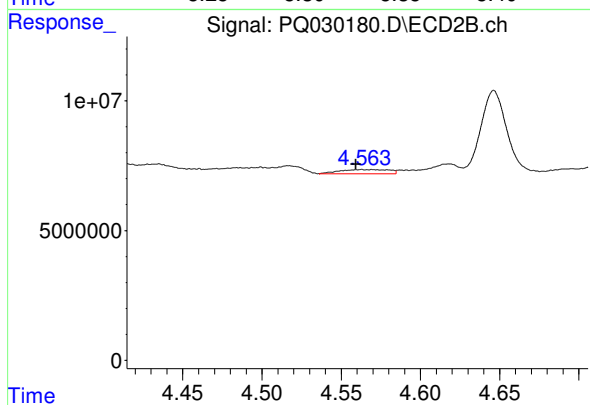
#11 AR-1232-1

R.T.: 4.129 min
Delta R.T.: 0.055 min
Response: 17622086
Conc: 53.34 ng/ml



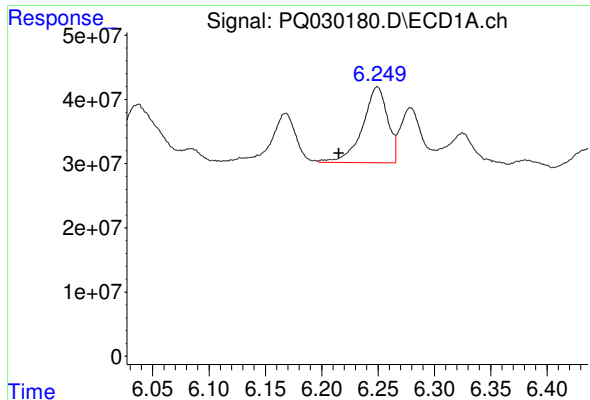
#12 AR-1232-2

R.T.: 5.320 min
Delta R.T.: -0.015 min
Response: 98416185
Conc: 203.56 ng/ml



#12 AR-1232-2

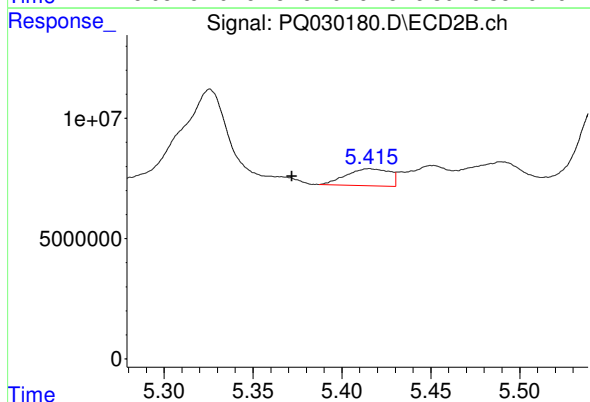
R.T.: 4.563 min
Delta R.T.: 0.004 min
Response: 3410958
Conc: 17.39 ng/ml



#13 AR-1232-3

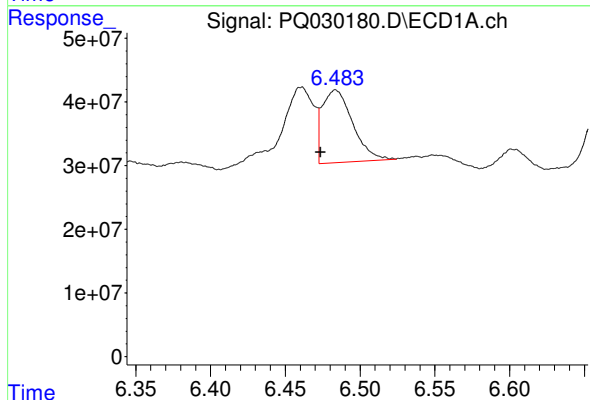
R.T.: 6.249 min
Delta R.T.: 0.034 min
Response: 183143374
Conc: 289.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



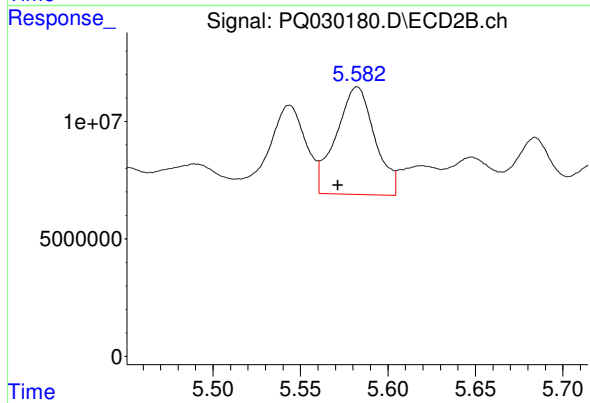
#13 AR-1232-3

R.T.: 5.415 min
Delta R.T.: 0.044 min
Response: 11909597
Conc: 58.96 ng/ml



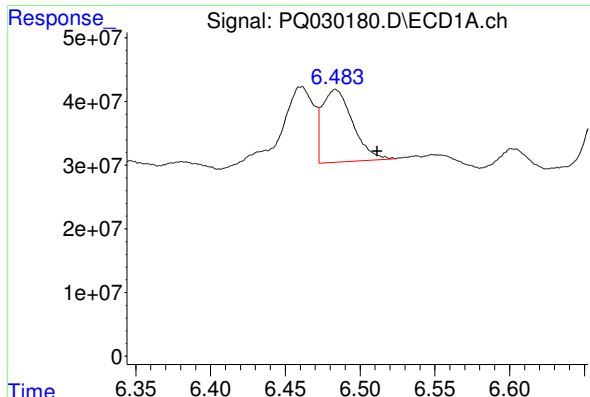
#14 AR-1232-4

R.T.: 6.484 min
Delta R.T.: 0.010 min
Response: 161945785
Conc: 277.76 ng/ml



#14 AR-1232-4

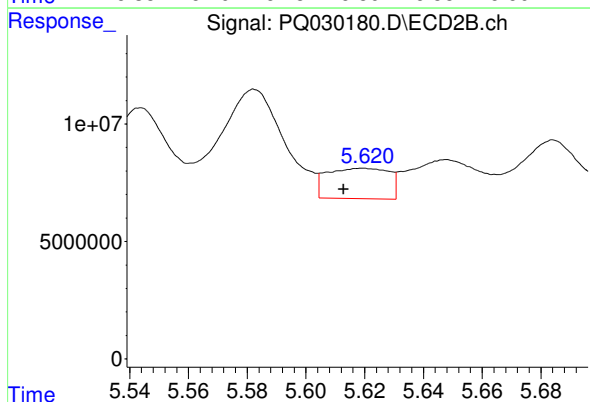
R.T.: 5.582 min
Delta R.T.: 0.011 min
Response: 70704295
Conc: 292.79 ng/ml



#15 AR-1232-5

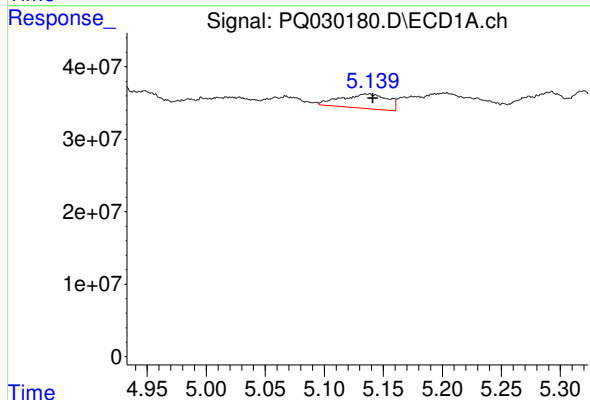
R.T.: 6.484 min
Delta R.T.: -0.028 min
Response: 161945785
Conc: 271.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



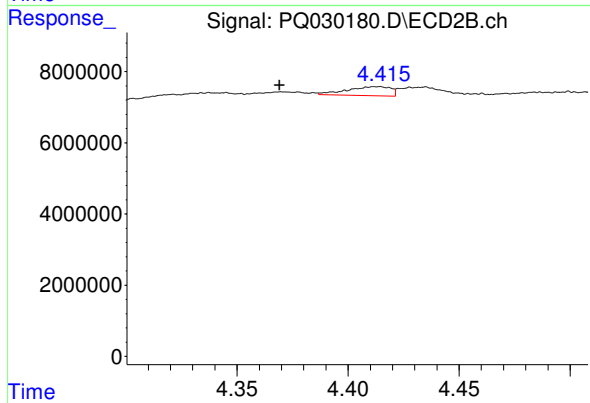
#15 AR-1232-5

R.T.: 5.620 min
Delta R.T.: 0.007 min
Response: 18945930
Conc: 86.50 ng/ml



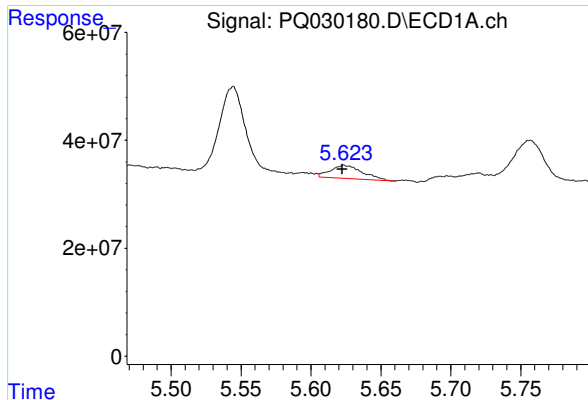
#16 AR-1242-1

R.T.: 5.137 min
Delta R.T.: -0.004 min
Response: 54174045
Conc: 55.27 ng/ml



#16 AR-1242-1

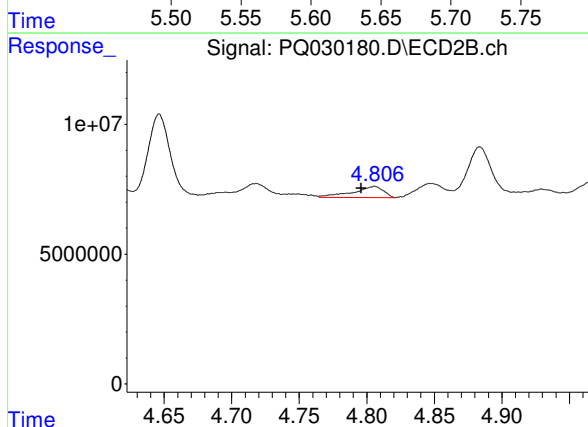
R.T.: 4.415 min
Delta R.T.: 0.045 min
Response: 3485554
Conc: 10.29 ng/ml



#17 AR-1242-2

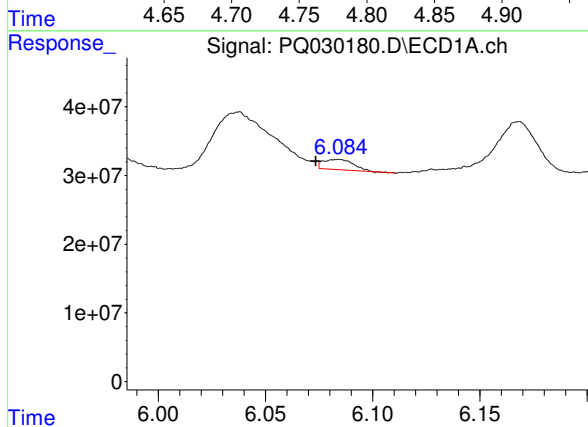
R.T.: 5.624 min
Delta R.T.: 0.001 min
Response: 38822618
Conc: 18.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



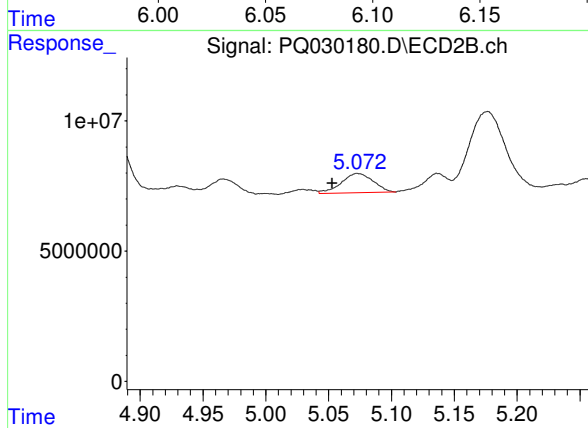
#17 AR-1242-2

R.T.: 4.806 min
Delta R.T.: 0.010 min
Response: 6766185
Conc: 9.84 ng/ml



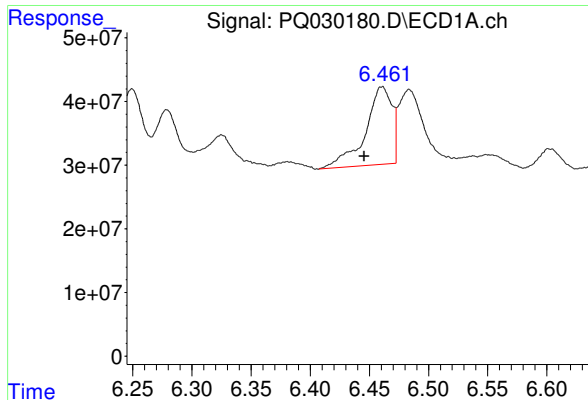
#18 AR-1242-3

R.T.: 6.084 min
Delta R.T.: 0.010 min
Response: 14677637
Conc: 13.91 ng/ml



#18 AR-1242-3

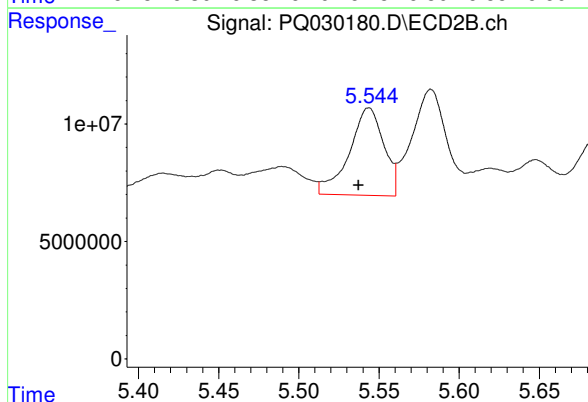
R.T.: 5.073 min
Delta R.T.: 0.020 min
Response: 13202441
Conc: 37.36 ng/ml



#19 AR-1242-4

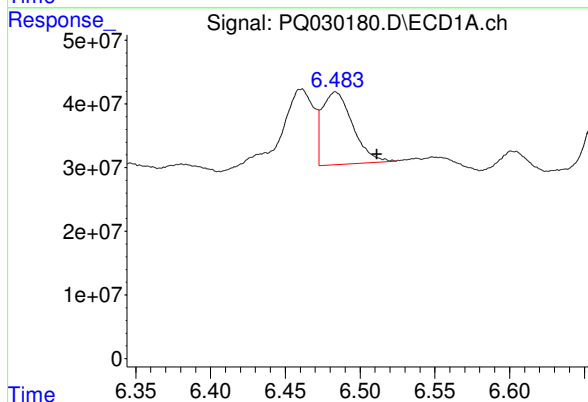
R.T.: 6.461 min
Delta R.T.: 0.015 min
Response: 190313448
Conc: 220.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



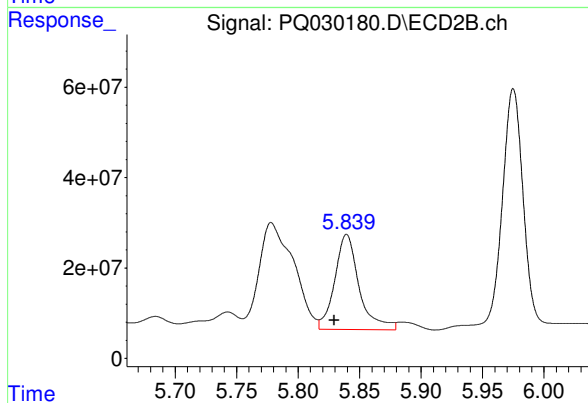
#19 AR-1242-4

R.T.: 5.544 min
Delta R.T.: 0.007 min
Response: 55963033
Conc: 226.18 ng/ml



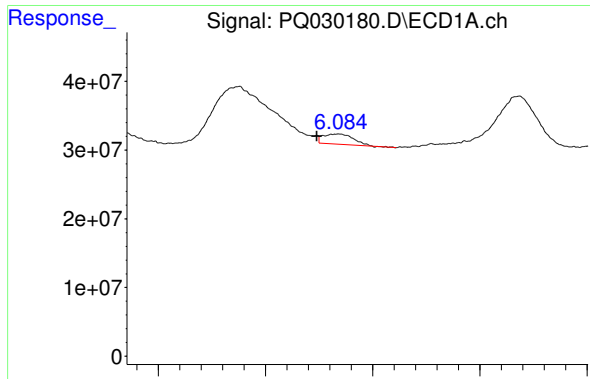
#20 AR-1242-5

R.T.: 6.484 min
Delta R.T.: -0.028 min
Response: 161945785
Conc: 136.13 ng/ml



#20 AR-1242-5

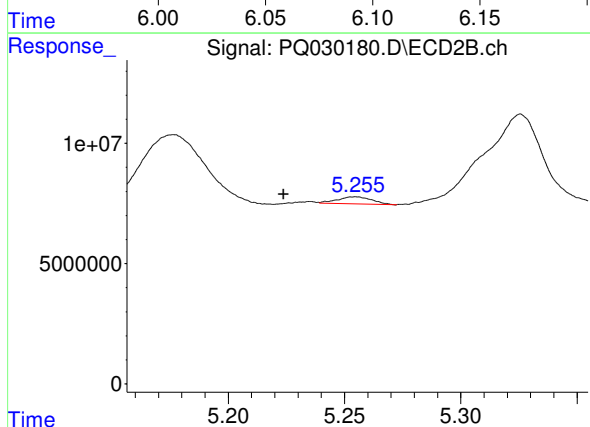
R.T.: 5.840 min
Delta R.T.: 0.010 min
Response: 290698492
Conc: 1068.46 ng/ml



#21 AR-1248-1

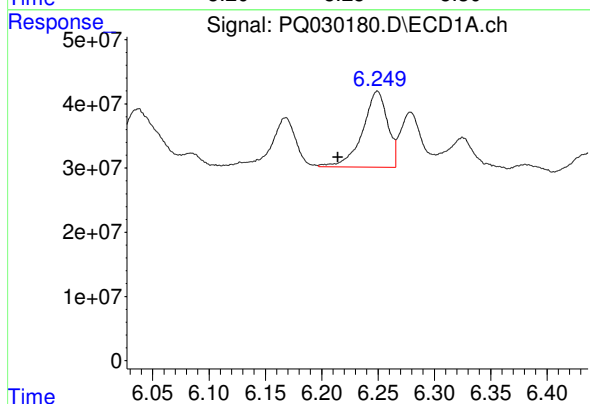
R.T.: 6.084 min
Delta R.T.: 0.010 min
Response: 14677637
Conc: 8.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



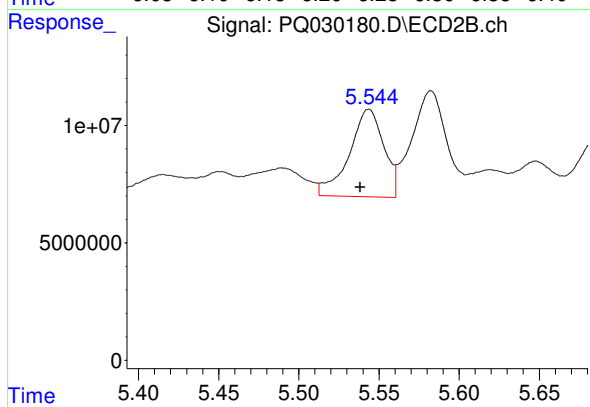
#21 AR-1248-1

R.T.: 5.255 min
Delta R.T.: 0.031 min
Response: 3127247
Conc: 4.80 ng/ml



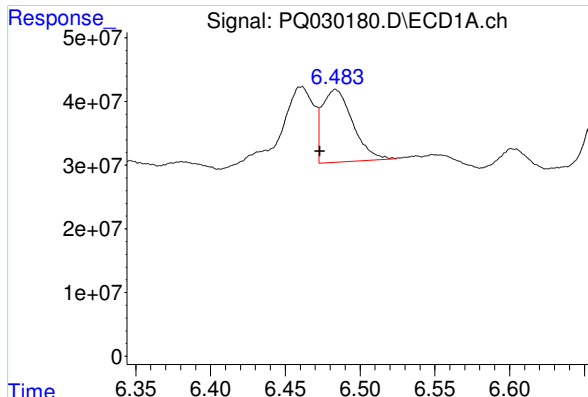
#22 AR-1248-2

R.T.: 6.249 min
Delta R.T.: 0.035 min
Response: 183143374
Conc: 117.28 ng/ml



#22 AR-1248-2

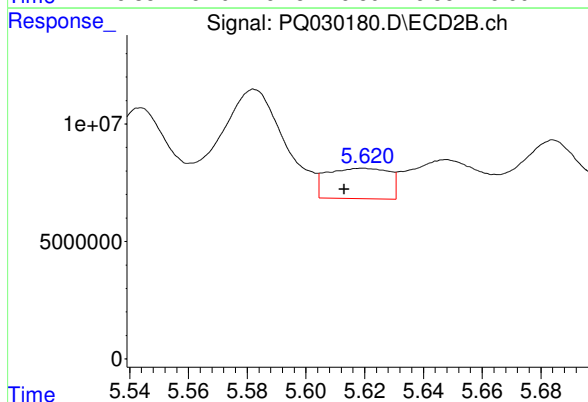
R.T.: 5.544 min
Delta R.T.: 0.006 min
Response: 55963033
Conc: 142.63 ng/ml



#23 AR-1248-3

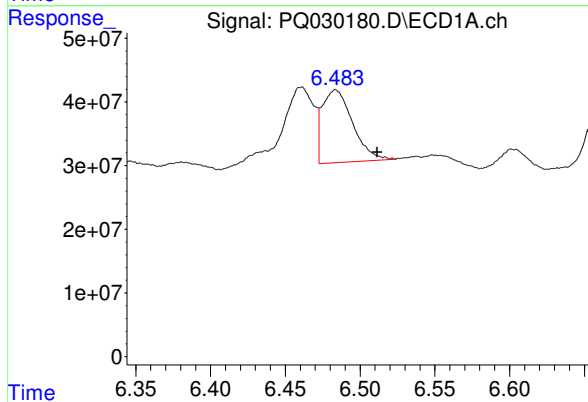
R.T.: 6.484 min
Delta R.T.: 0.011 min
Response: 161945785
Conc: 79.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



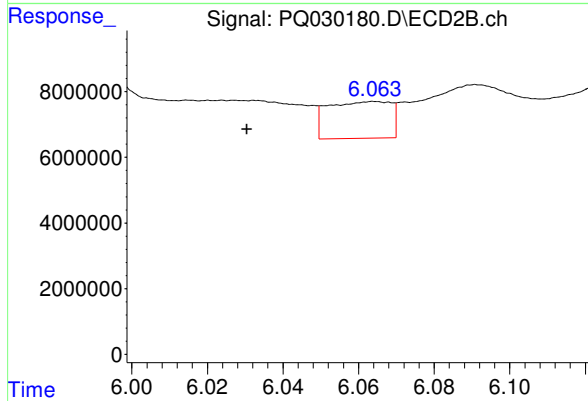
#23 AR-1248-3

R.T.: 5.620 min
Delta R.T.: 0.006 min
Response: 18945930
Conc: 27.69 ng/ml



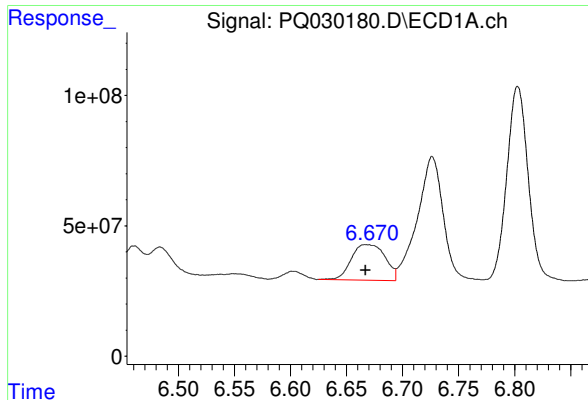
#24 AR-1248-4

R.T.: 6.484 min
Delta R.T.: -0.028 min
Response: 161945785
Conc: 83.42 ng/ml



#24 AR-1248-4

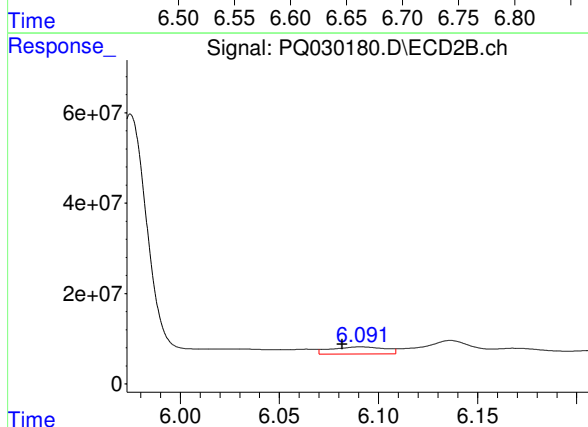
R.T.: 6.064 min
Delta R.T.: 0.034 min
Response: 13039816
Conc: 45.50 ng/ml



#25 AR-1248-5

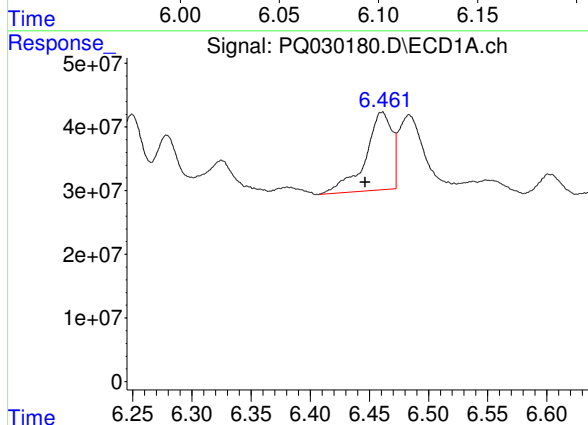
R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 287693613
Conc: 143.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



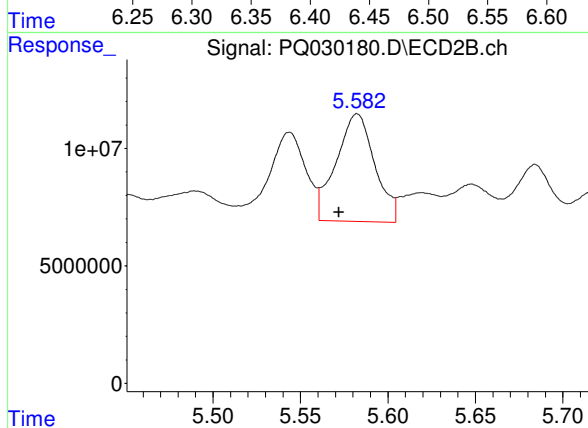
#25 AR-1248-5

R.T.: 6.091 min
Delta R.T.: 0.009 min
Response: 30191013
Conc: 181.01 ng/ml



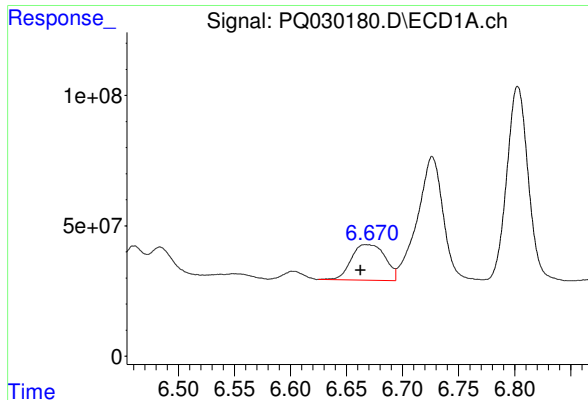
#26 AR-1254-1

R.T.: 6.461 min
Delta R.T.: 0.014 min
Response: 190313448
Conc: 98.13 ng/ml



#26 AR-1254-1

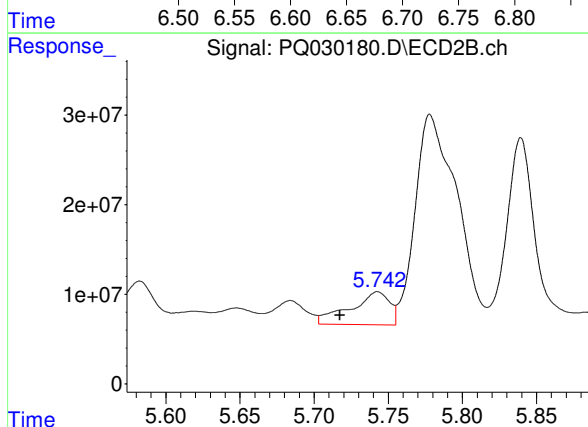
R.T.: 5.582 min
Delta R.T.: 0.011 min
Response: 70704295
Conc: 72.80 ng/ml



#27 AR-1254-2

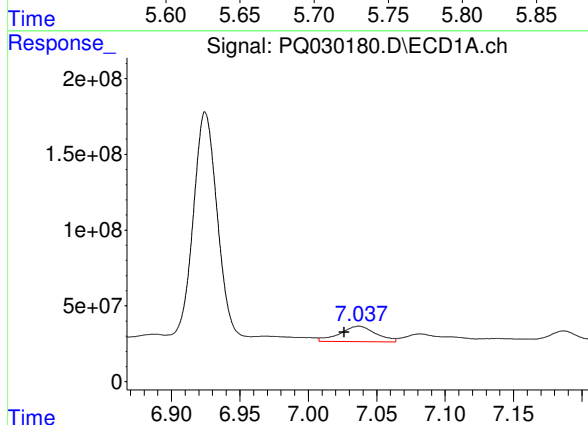
R.T.: 6.668 min
Delta R.T.: 0.005 min
Response: 287693613
Conc: 96.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



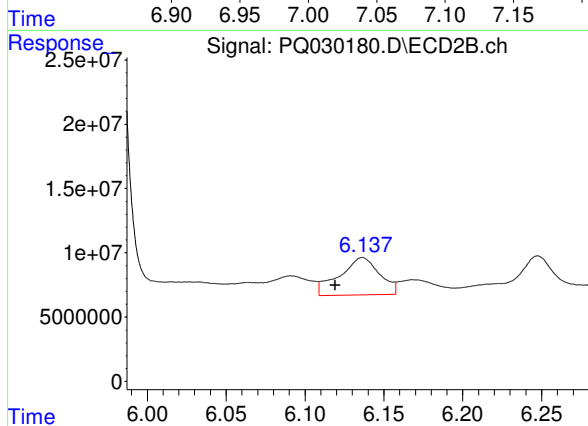
#27 AR-1254-2

R.T.: 5.743 min
Delta R.T.: 0.026 min
Response: 68042688
Conc: 79.81 ng/ml



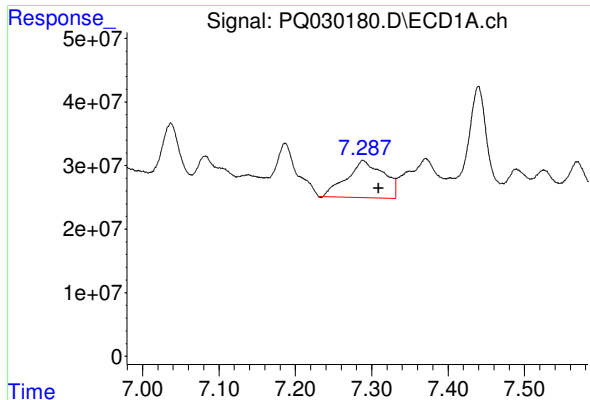
#28 AR-1254-3

R.T.: 7.037 min
Delta R.T.: 0.011 min
Response: 185002718
Conc: 56.77 ng/ml



#28 AR-1254-3

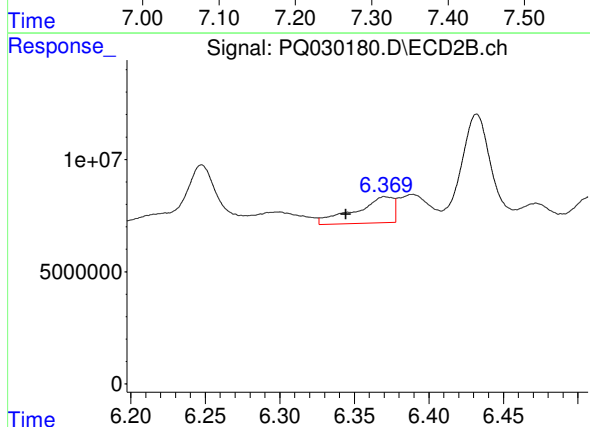
R.T.: 6.137 min
Delta R.T.: 0.018 min
Response: 51820484
Conc: 35.81 ng/ml



#29 AR-1254-4

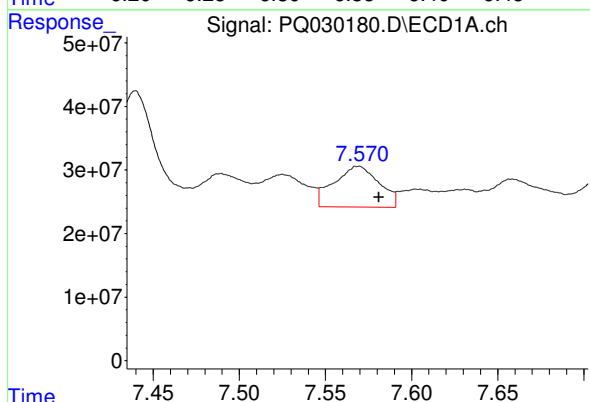
R.T.: 7.289 min
Delta R.T.: -0.020 min
Response: 197325024
Conc: 82.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



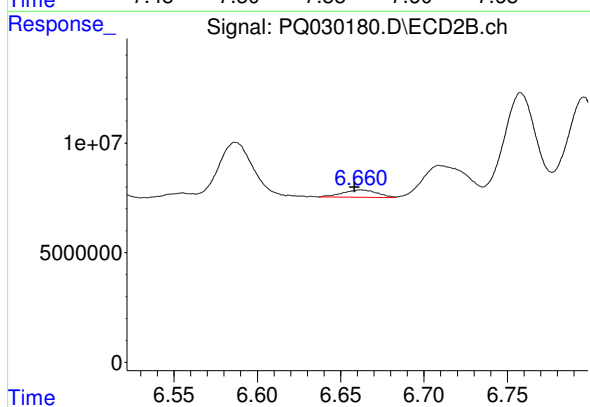
#29 AR-1254-4

R.T.: 6.370 min
Delta R.T.: 0.026 min
Response: 20773868
Conc: 21.77 ng/ml



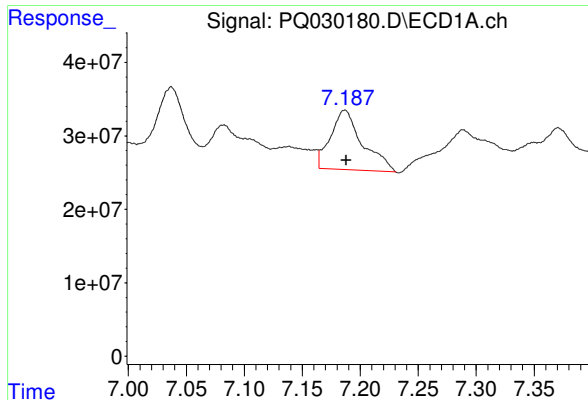
#30 AR-1254-5

R.T.: 7.569 min
Delta R.T.: -0.012 min
Response: 117368336
Conc: 63.34 ng/ml



#30 AR-1254-5

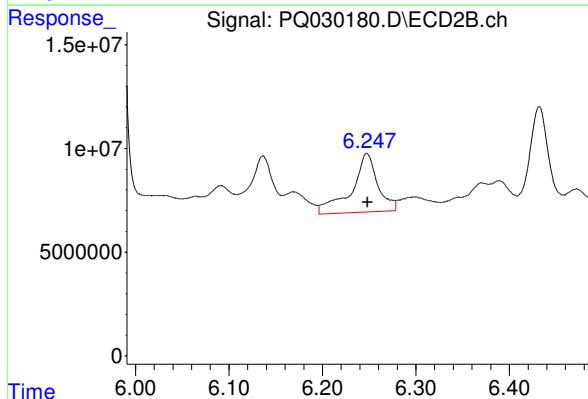
R.T.: 6.662 min
Delta R.T.: 0.003 min
Response: 4777197
Conc: 7.08 ng/ml



#31 AR-1260-1

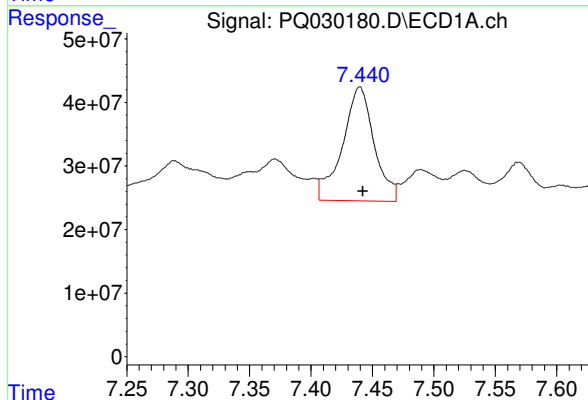
R.T.: 7.187 min
Delta R.T.: -0.001 min
Response: 151852051
Conc: 76.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



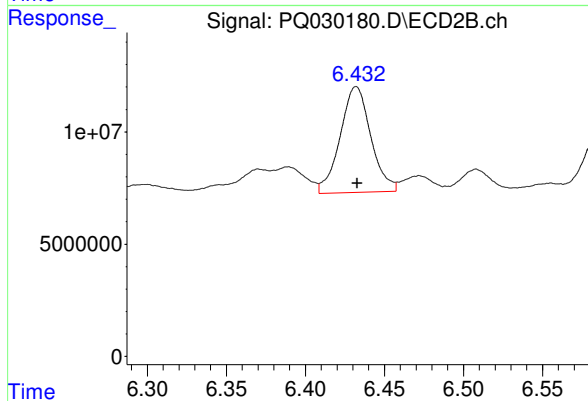
#31 AR-1260-1

R.T.: 6.248 min
Delta R.T.: 0.000 min
Response: 55028513
Conc: 65.75 ng/ml



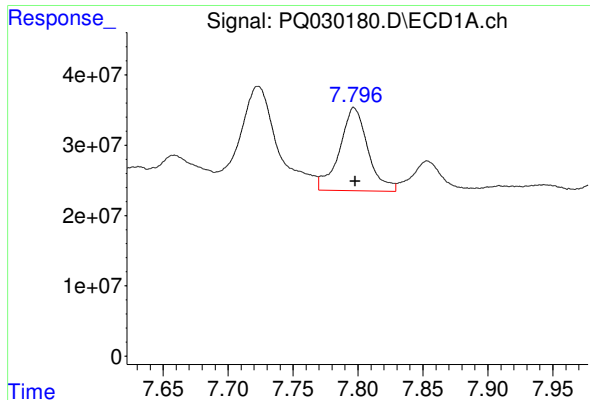
#32 AR-1260-2

R.T.: 7.440 min
Delta R.T.: -0.002 min
Response: 321214545
Conc: 141.49 ng/ml



#32 AR-1260-2

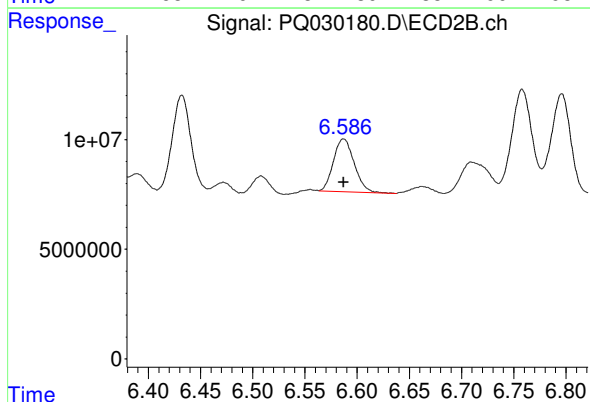
R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 63754122
Conc: 61.35 ng/ml



#33 AR-1260-3

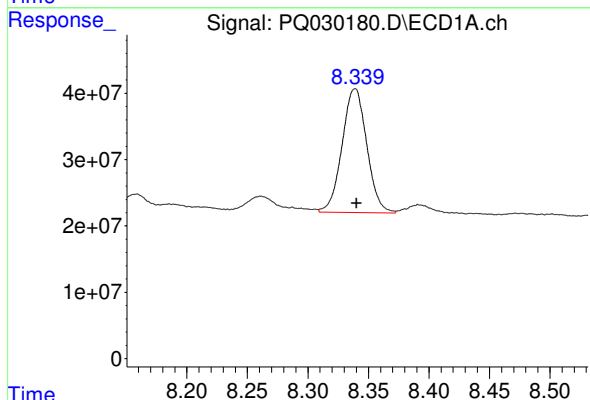
R.T.: 7.797 min
Delta R.T.: 0.000 min
Response: 179891355
Conc: 109.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



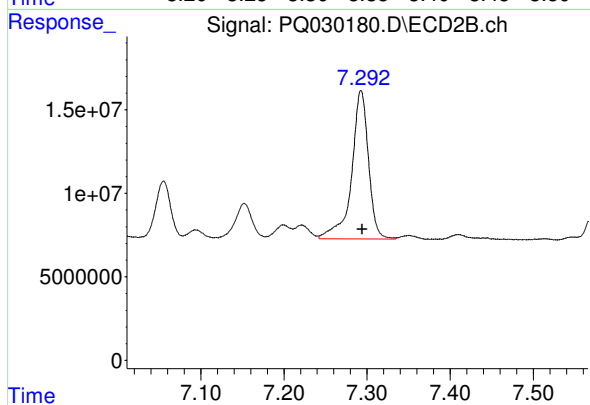
#33 AR-1260-3

R.T.: 6.587 min
Delta R.T.: 0.000 min
Response: 33385960
Conc: 34.65 ng/ml



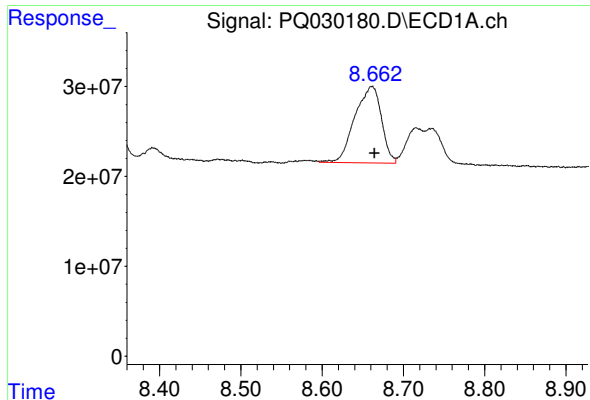
#34 AR-1260-4

R.T.: 8.339 min
Delta R.T.: -0.001 min
Response: 265427954
Conc: 72.59 ng/ml



#34 AR-1260-4

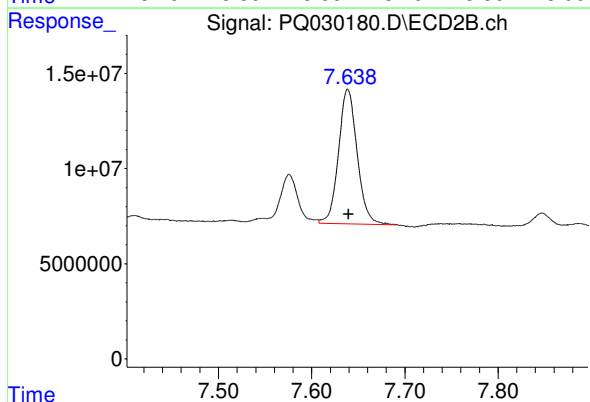
R.T.: 7.293 min
Delta R.T.: -0.001 min
Response: 125719306
Conc: 63.02 ng/ml



#35 AR-1260-5

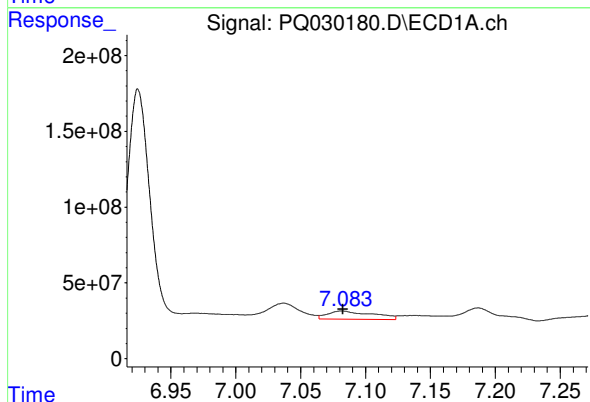
R.T.: 8.661 min
Delta R.T.: -0.003 min
Response: 193678255
Conc: 83.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



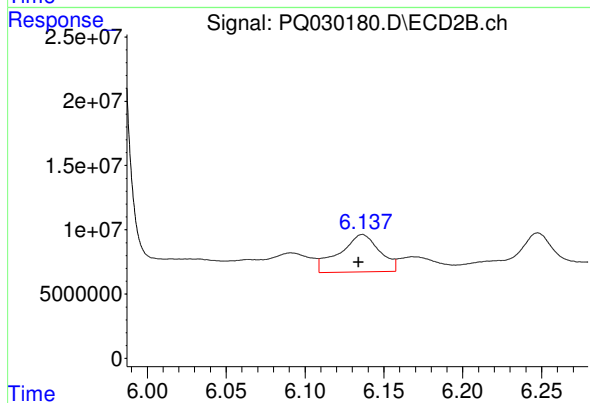
#35 AR-1260-5

R.T.: 7.639 min
Delta R.T.: 0.000 min
Response: 98034942
Conc: 69.26 ng/ml



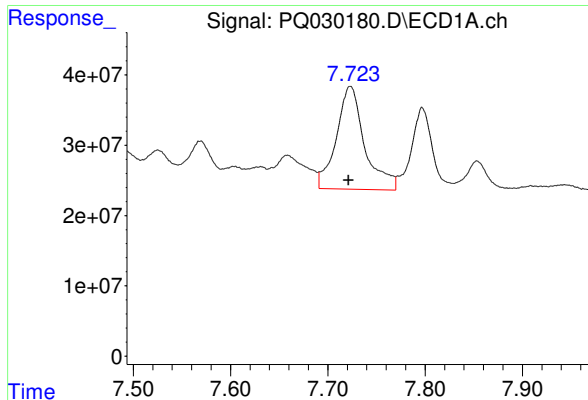
#36 AR-1262-1

R.T.: 7.082 min
Delta R.T.: 0.000 min
Response: 129314805
Conc: 72.63 ng/ml



#36 AR-1262-1

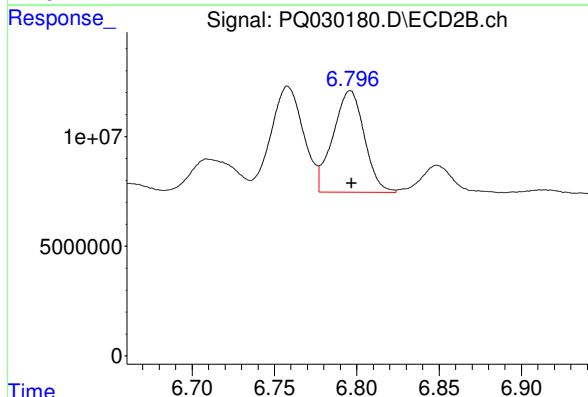
R.T.: 6.137 min
Delta R.T.: 0.003 min
Response: 51820484
Conc: 94.84 ng/ml



#37 AR-1262-2

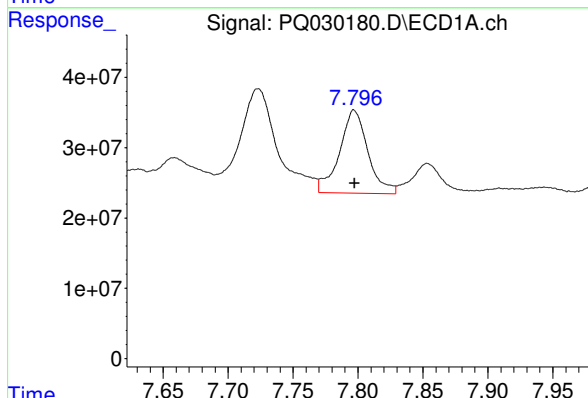
R.T.: 7.723 min
Delta R.T.: 0.002 min
Response: 297434092
Conc: 123.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



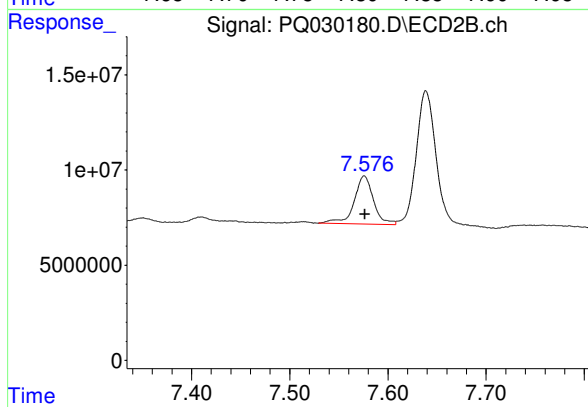
#37 AR-1262-2

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 61442624
Conc: 40.75 ng/ml



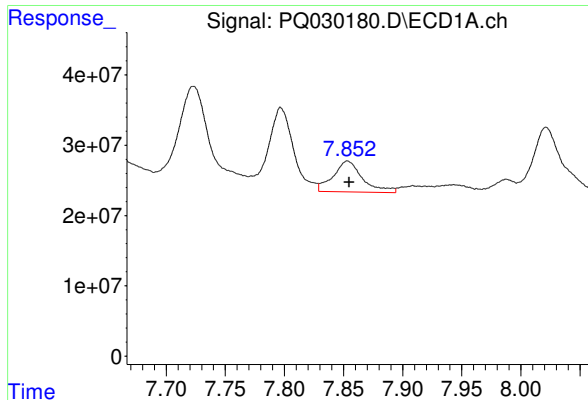
#38 AR-1262-3

R.T.: 7.797 min
Delta R.T.: 0.000 min
Response: 179891355
Conc: 51.16 ng/ml



#38 AR-1262-3

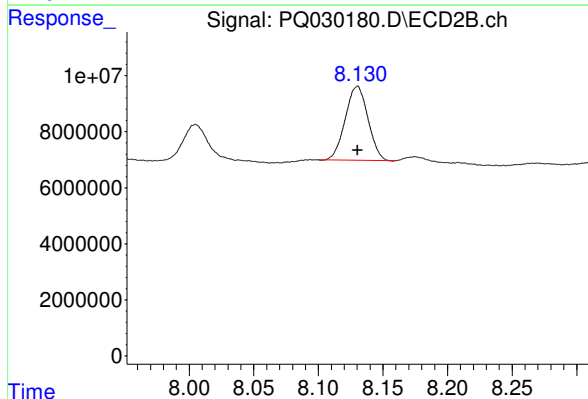
R.T.: 7.576 min
Delta R.T.: 0.000 min
Response: 34523518
Conc: 30.95 ng/ml



#39 AR-1262-4

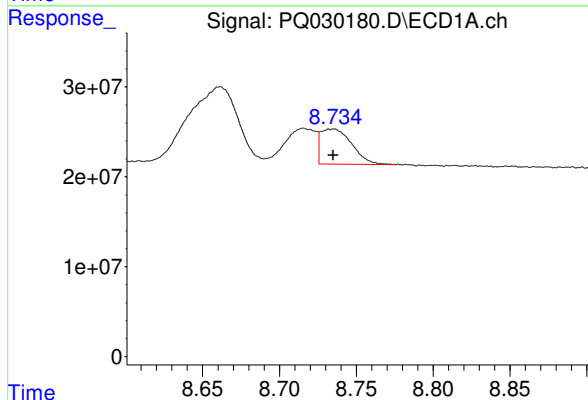
R.T.: 7.853 min
Delta R.T.: -0.002 min
Response: 75692262
Conc: 47.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



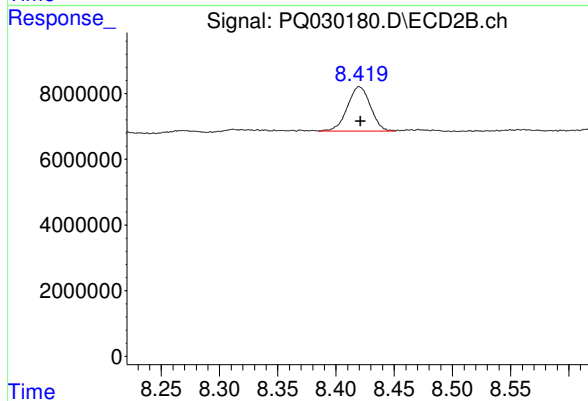
#39 AR-1262-4

R.T.: 8.130 min
Delta R.T.: 0.000 min
Response: 32115769
Conc: 33.98 ng/ml



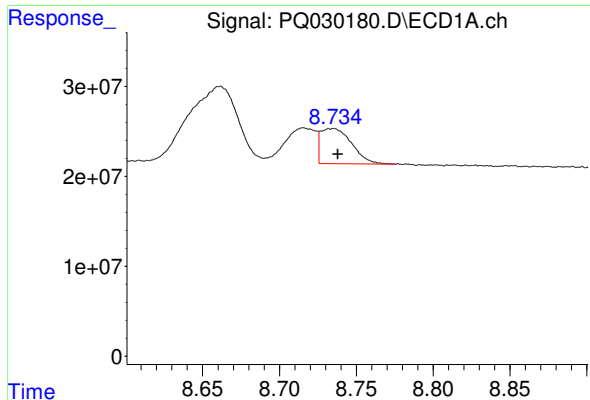
#40 AR-1262-5

R.T.: 8.735 min
Delta R.T.: 0.000 min
Response: 54979036
Conc: 18.44 ng/ml



#40 AR-1262-5

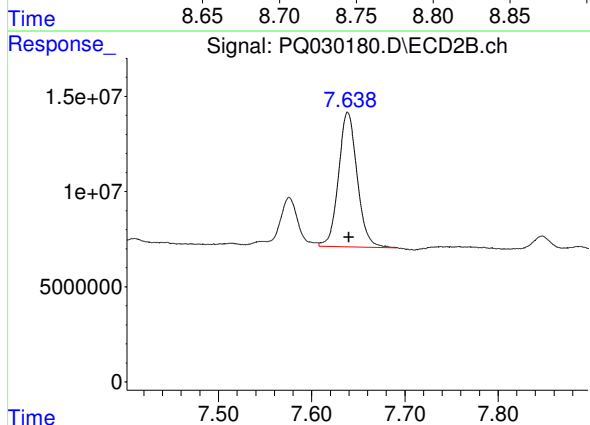
R.T.: 8.420 min
Delta R.T.: -0.001 min
Response: 18512928
Conc: 48.93 ng/ml



#41 AR-1268-1

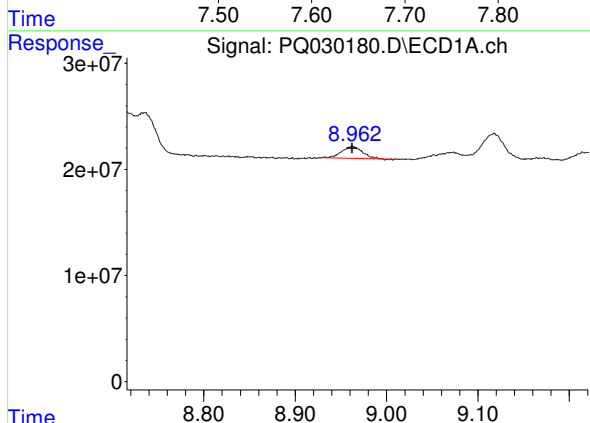
R.T.: 8.735 min
Delta R.T.: -0.003 min
Response: 54979036
Conc: 9.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



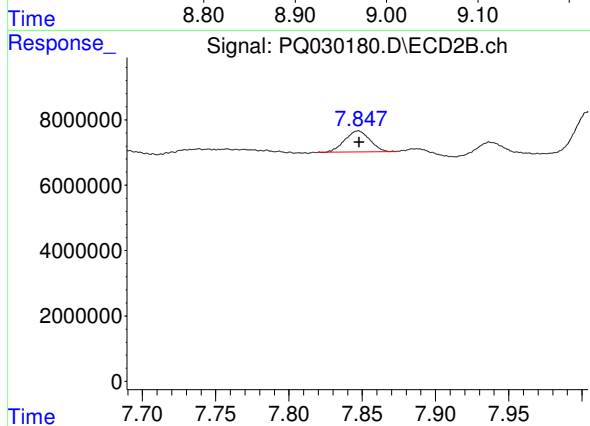
#41 AR-1268-1

R.T.: 7.639 min
Delta R.T.: 0.000 min
Response: 98034942
Conc: 34.48 ng/ml



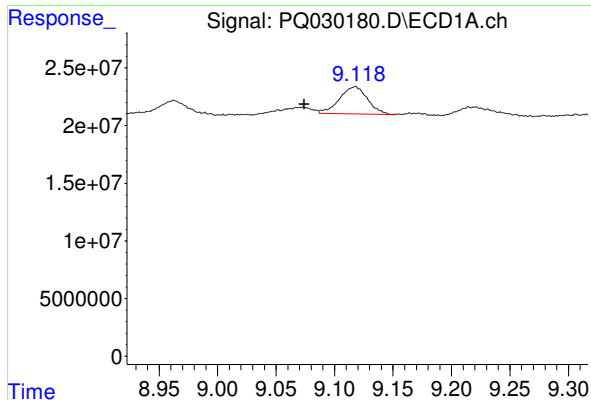
#42 AR-1268-2

R.T.: 8.963 min
Delta R.T.: 0.000 min
Response: 17255274
Conc: 3.50 ng/ml



#42 AR-1268-2

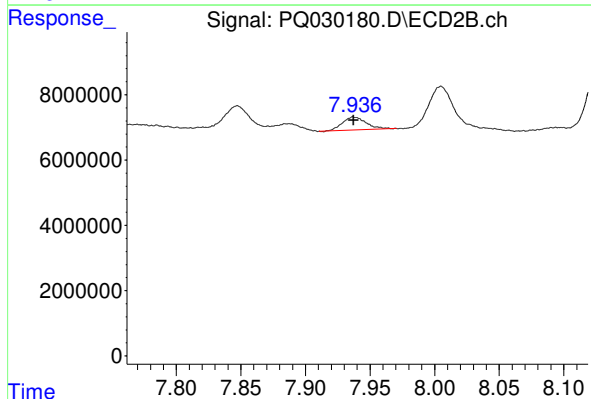
R.T.: 7.847 min
Delta R.T.: 0.000 min
Response: 7559173
Conc: 3.17 ng/ml



#43 AR-1268-3

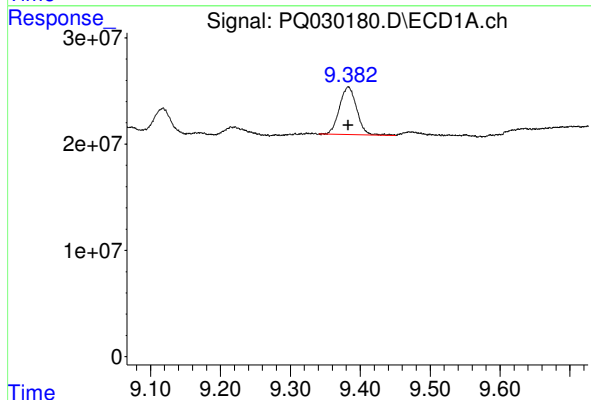
R.T.: 9.118 min
Delta R.T.: 0.044 min
Response: 39602013
Conc: 30.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



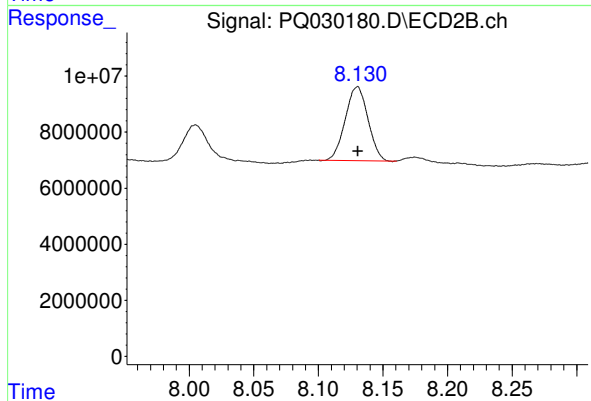
#43 AR-1268-3

R.T.: 7.937 min
Delta R.T.: 0.000 min
Response: 5053820
Conc: 8.14 ng/ml



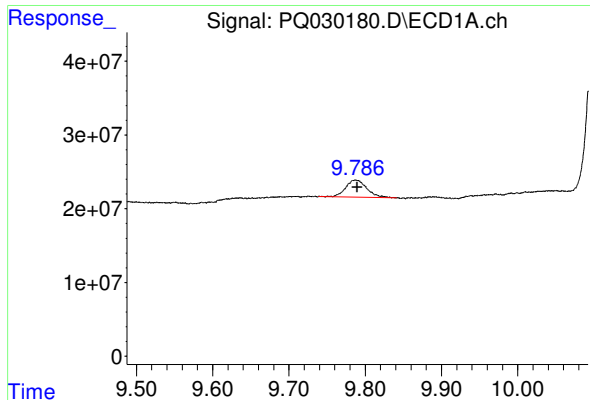
#44 AR-1268-4

R.T.: 9.383 min
Delta R.T.: 0.000 min
Response: 76638317
Conc: 33.08 ng/ml



#44 AR-1268-4

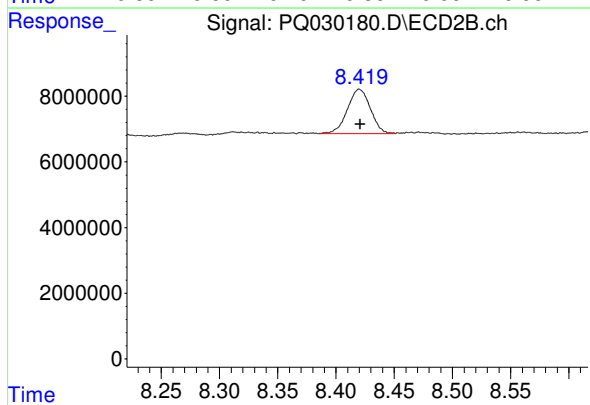
R.T.: 8.130 min
Delta R.T.: 0.000 min
Response: 32115769
Conc: 32.02 ng/ml



#45 AR-1268-5

R.T.: 9.787 min
Delta R.T.: -0.002 min
Response: 44106682
Conc: 2.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.420 min
Delta R.T.: 0.000 min
Response: 18512928
Conc: 2.41 ng/ml