

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062818\
 Data File : PQ030189.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jun 2018 13:12
 Operator : UA/SM
 Sample : PB110560BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 29 02:06:16 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	3.701	898.1E6	286.4E6	20.500	22.035
2) SA Decachlor...	10.120	8.676	1304.6E6	750.5E6	41.958	46.018
Target Compounds						
3) L1 AR-1016-1	4.808	4.075	89027740	28830659	125.725	130.125
4) L1 AR-1016-2	5.334	4.561	127.5E6	47992957	131.820	138.815
5) L1 AR-1016-3	5.684	4.852	164.8E6	63865183	129.356	128.722
6) L1 AR-1016-4	5.782	4.972	141.3E6	49249967	130.032	136.143
7) L1 AR-1016-5	5.870	5.012	128.9E6	40425439	142.296	142.552
8) L2 AR-1221-1	4.637	3.913	13639918	5855224	23.890	29.440
9) L2 AR-1221-2	4.736	3.999	27679519	9630527	71.215	73.267
10) L2 AR-1221-3	4.808	4.075	89027740	28830659	64.734	64.313
11) L3 AR-1232-1	4.808	4.075	89027740	28830659	86.670	87.266
12) L3 AR-1232-2	5.334	4.561	127.5E6	47992957	263.726	244.668
13) L3 AR-1232-3	6.213	5.371	120.2E6	42793792	189.878	211.852
14) L3 AR-1232-4	6.471	5.573	26212135	42024261	44.957	174.023 #
15) L3 AR-1232-5	6.512	5.613	26092961	6653348	43.693	30.377 #
16) L4 AR-1242-1	5.142	4.370	137.5E6	46739911	140.250	137.958
17) L4 AR-1242-2	5.622	4.797	270.9E6	97882813	131.393	142.369
18) L4 AR-1242-3	6.074	5.054	137.5E6	50571926	130.305	143.116
19) L4 AR-1242-4	6.446	5.539	121.1E6	6183805	140.404	24.993 #
20) L4 AR-1242-5	6.512	5.813	26092961	3571701	21.933	13.128 #
21) L5 AR-1248-1	6.074	5.224	137.5E6	58733037	77.765	90.164
22) L5 AR-1248-2	6.213	5.539	120.2E6	6183805	76.972	15.761 #
23) L5 AR-1248-3	6.471	5.613	26212135	6653348	12.912	9.724
24) L5 AR-1248-4	6.512	6.030	26092961	25291542	13.441	88.254 #
25) L5 AR-1248-5	6.661	6.030	108.5E6	25291542	54.041	151.639 #
26) L6 AR-1254-1	6.446	5.573	121.1E6	42024261	62.440	43.270 #
27) L6 AR-1254-2	6.661	5.718	108.5E6	40783626	36.267	47.835 #
28) L6 AR-1254-3	7.027	6.133	86783086	101.5E6	26.632	70.149 #
29) L6 AR-1254-4	7.309	6.345	73685009	9323834	30.744	9.771 #
30) L6 AR-1254-5	7.569	6.667	132.5E6	11590176	71.490	17.187 #
31) L7 AR-1260-1	7.187	6.248	263.1E6	116.6E6	133.161	139.308
32) L7 AR-1260-2	7.441	6.433	281.8E6	138.2E6	124.132	133.035
33) L7 AR-1260-3	7.797	6.587	165.1E6	121.8E6	100.918	126.428 #
34) L7 AR-1260-4	8.339	7.294	391.1E6	228.2E6	106.957	114.412
35) L7 AR-1260-5	8.663	7.639	257.3E6	165.4E6	110.607	116.845
36) L8 AR-1262-1	7.082	6.133	179.0E6	101.5E6	100.547	185.795 #
37) L8 AR-1262-2	7.723	6.797	353.5E6	97248673	146.973	64.489 #
38) L8 AR-1262-3	7.797	7.577	165.1E6	39084053	46.953	35.044 #
39) L8 AR-1262-4	7.854	8.131	87939772	50844616	55.460	53.798
40) L8 AR-1262-5	8.718	8.421	136.7E6	22150438	45.846	58.541 #
41) L9 AR-1268-1	8.718	7.639	136.7E6	165.4E6	23.044	58.165 #

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 Quant Time: Jun 29 02:06:16 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

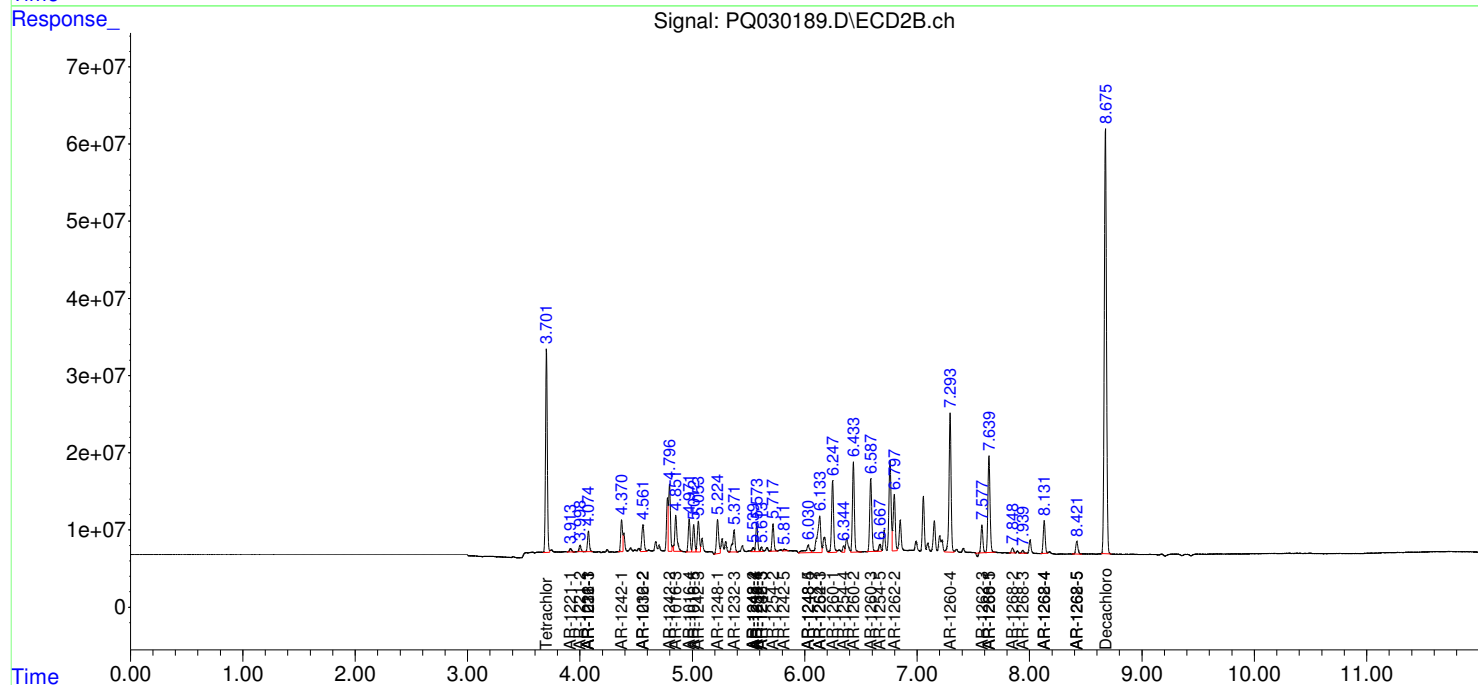
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

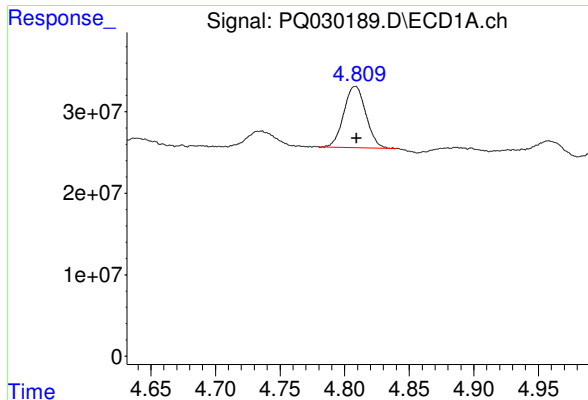
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.848	0	7291989	N.D.	3.062 #
43) L9	AR-1268-3	9.118	7.938	39274711	4448545	30.473	7.169 #
44) L9	AR-1268-4	9.383	8.131	100.7E6	50844616	43.478	50.686
45) L9	AR-1268-5	9.788	8.421	37365541	22150438	2.415	2.882

(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

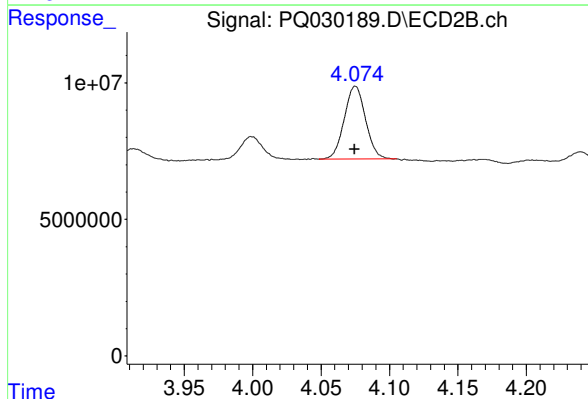




#3 AR-1016-1

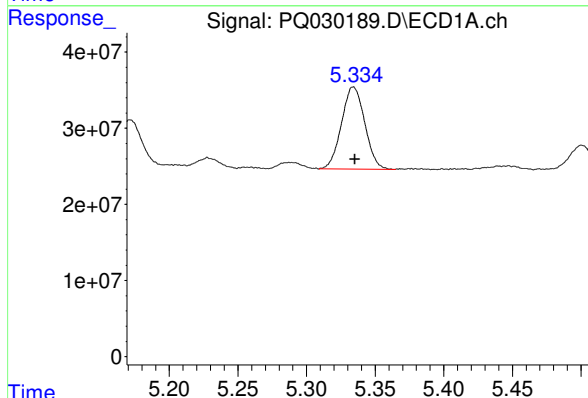
R.T.: 4.808 min
Delta R.T.: 0.000 min
Response: 89027740
Conc: 125.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



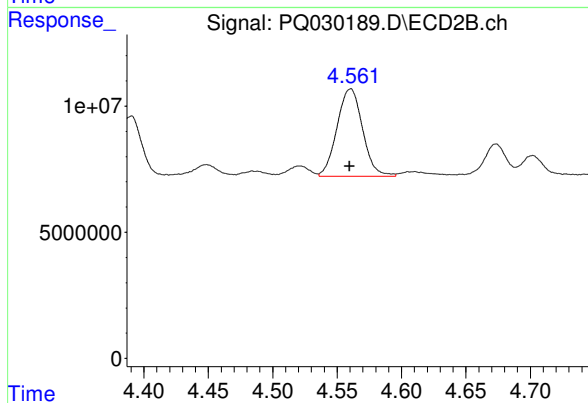
#3 AR-1016-1

R.T.: 4.075 min
Delta R.T.: 0.000 min
Response: 28830659
Conc: 130.12 ng/ml



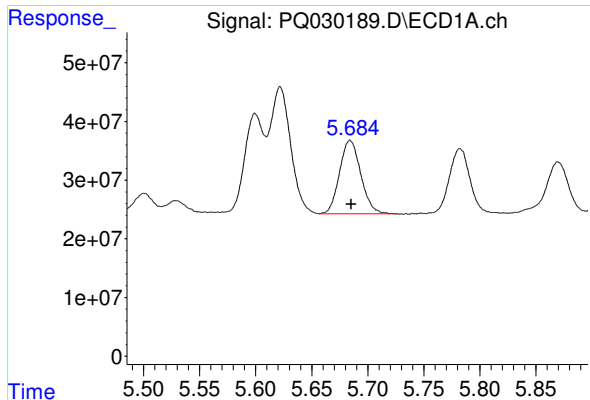
#4 AR-1016-2

R.T.: 5.334 min
Delta R.T.: 0.000 min
Response: 127502132
Conc: 131.82 ng/ml



#4 AR-1016-2

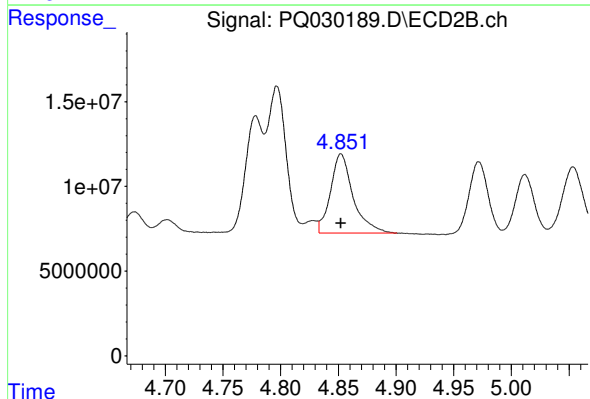
R.T.: 4.561 min
Delta R.T.: 0.000 min
Response: 47992957
Conc: 138.82 ng/ml



#5 AR-1016-3

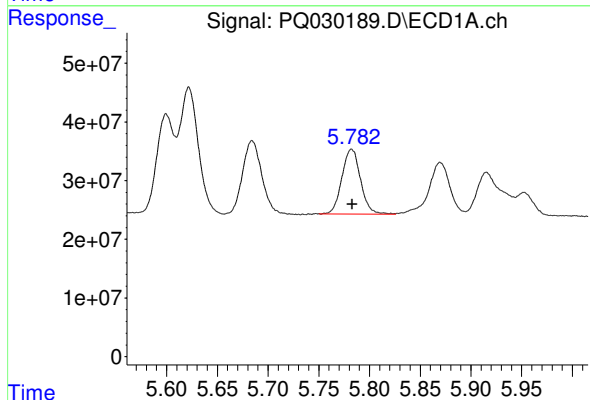
R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 164769063
Conc: 129.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



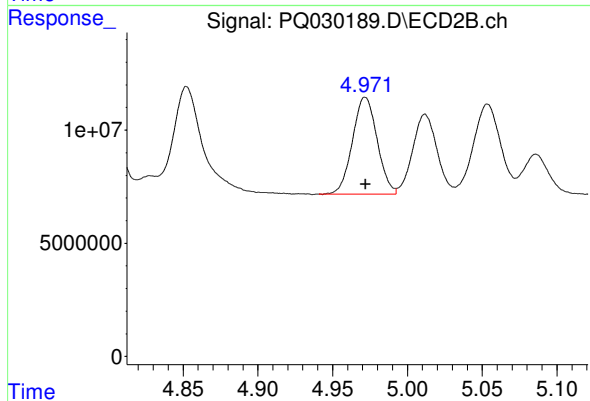
#5 AR-1016-3

R.T.: 4.852 min
Delta R.T.: 0.000 min
Response: 63865183
Conc: 128.72 ng/ml



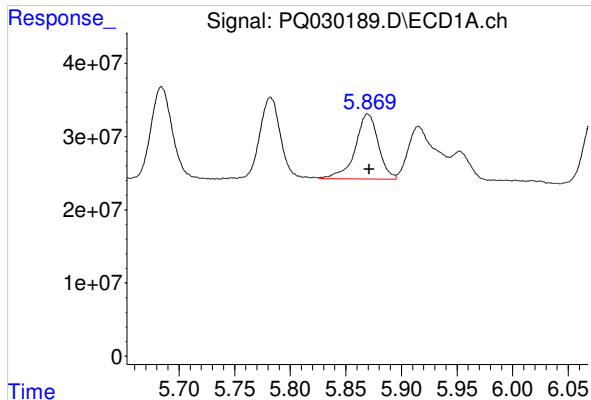
#6 AR-1016-4

R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 141266344
Conc: 130.03 ng/ml



#6 AR-1016-4

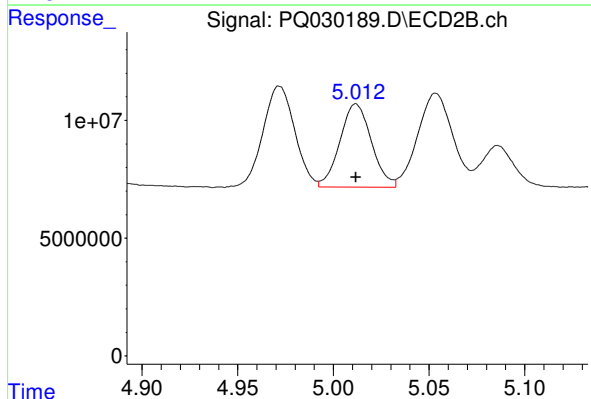
R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 49249967
Conc: 136.14 ng/ml



#7 AR-1016-5

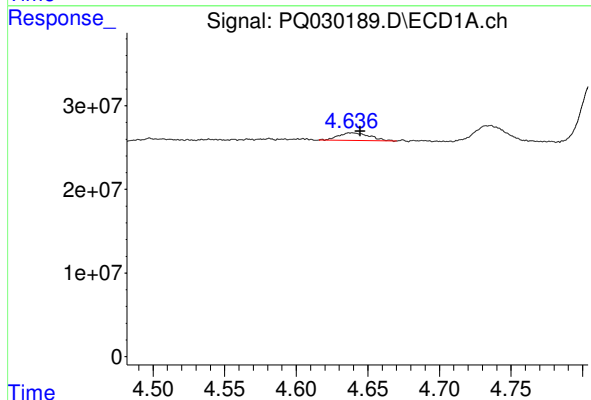
R.T.: 5.870 min
Delta R.T.: -0.001 min
Response: 128929432
Conc: 142.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



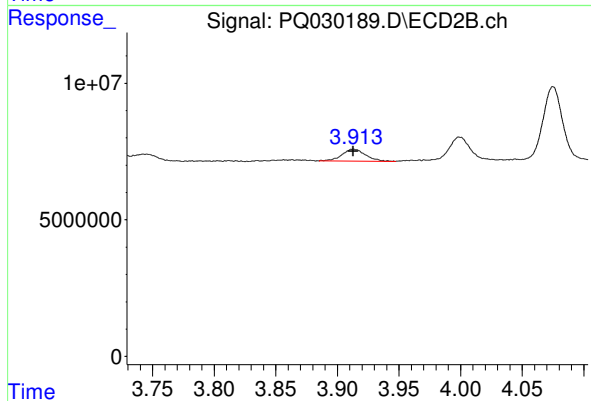
#7 AR-1016-5

R.T.: 5.012 min
Delta R.T.: 0.000 min
Response: 40425439
Conc: 142.55 ng/ml



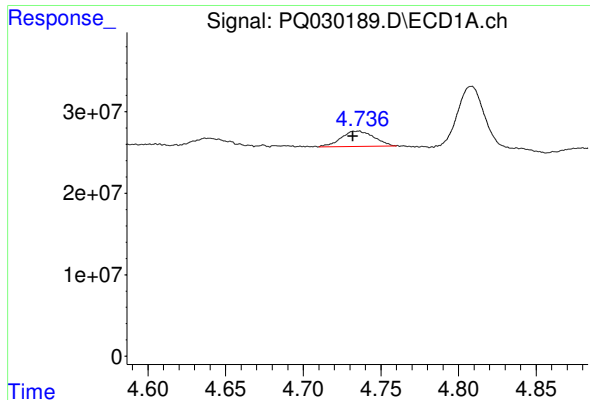
#8 AR-1221-1

R.T.: 4.637 min
Delta R.T.: -0.008 min
Response: 13639918
Conc: 23.89 ng/ml



#8 AR-1221-1

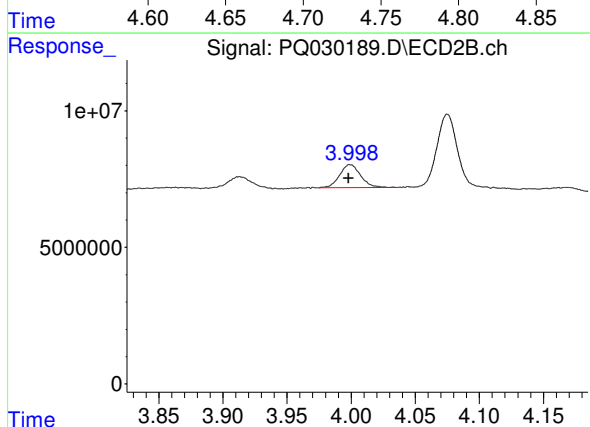
R.T.: 3.913 min
Delta R.T.: 0.000 min
Response: 5855224
Conc: 29.44 ng/ml



#9 AR-1221-2

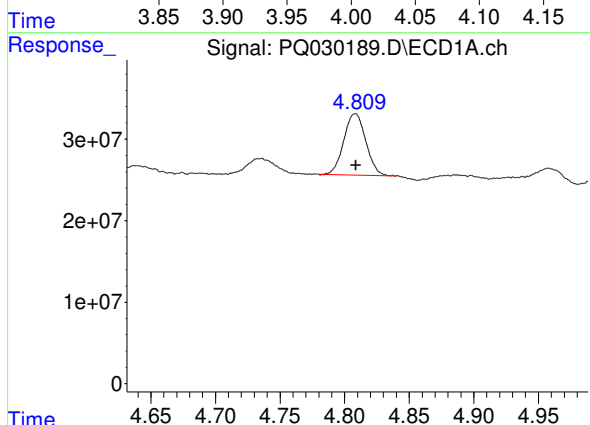
R.T.: 4.736 min
Delta R.T.: 0.004 min
Response: 27679519
Conc: 71.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



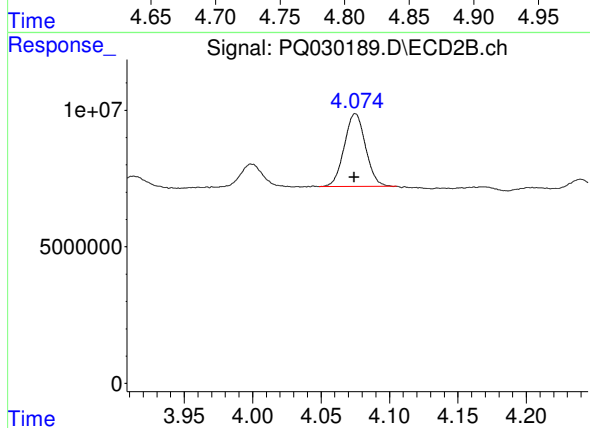
#9 AR-1221-2

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 9630527
Conc: 73.27 ng/ml



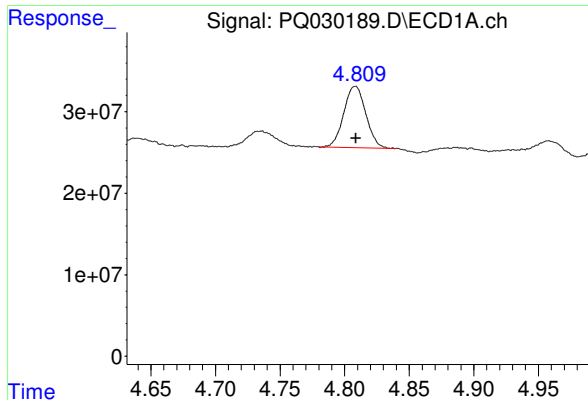
#10 AR-1221-3

R.T.: 4.808 min
Delta R.T.: 0.000 min
Response: 89027740
Conc: 64.73 ng/ml



#10 AR-1221-3

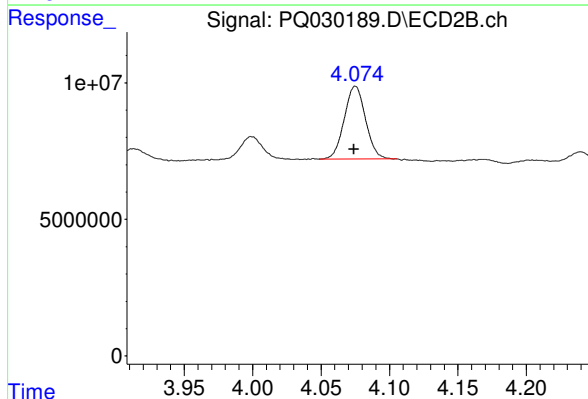
R.T.: 4.075 min
Delta R.T.: 0.001 min
Response: 28830659
Conc: 64.31 ng/ml



#11 AR-1232-1

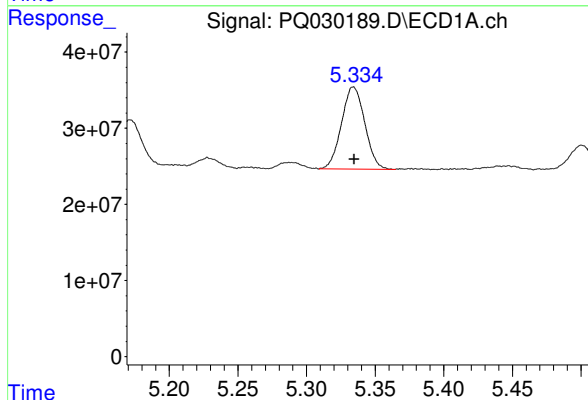
R.T.: 4.808 min
Delta R.T.: 0.000 min
Response: 89027740
Conc: 86.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



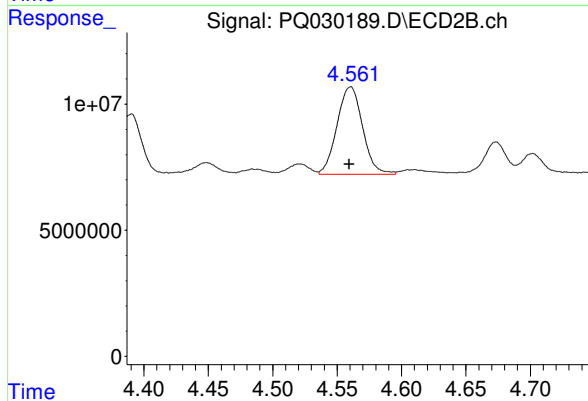
#11 AR-1232-1

R.T.: 4.075 min
Delta R.T.: 0.001 min
Response: 28830659
Conc: 87.27 ng/ml



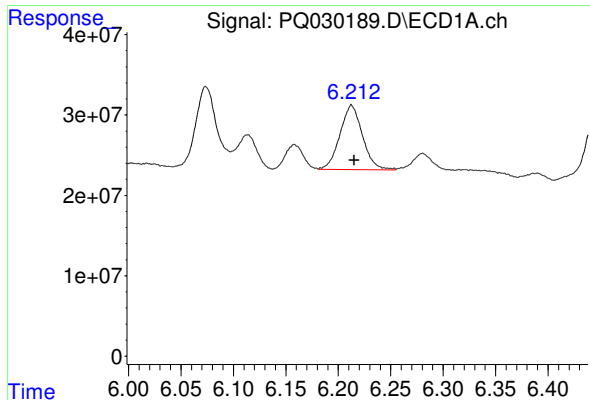
#12 AR-1232-2

R.T.: 5.334 min
Delta R.T.: 0.000 min
Response: 127502132
Conc: 263.73 ng/ml



#12 AR-1232-2

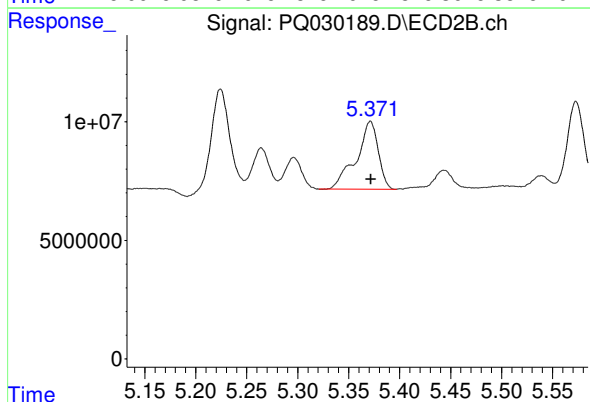
R.T.: 4.561 min
Delta R.T.: 0.002 min
Response: 47992957
Conc: 244.67 ng/ml



#13 AR-1232-3

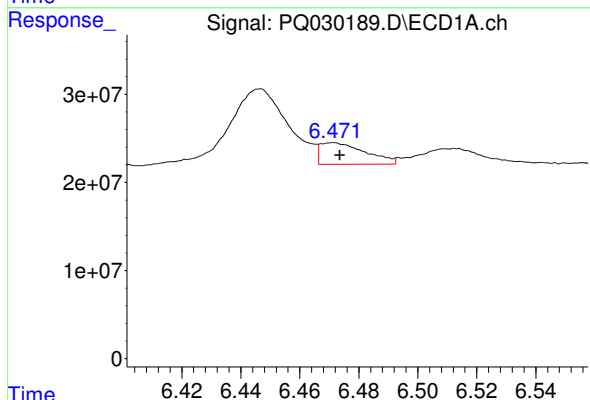
R.T.: 6.213 min
Delta R.T.: -0.003 min
Response: 120196268
Conc: 189.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



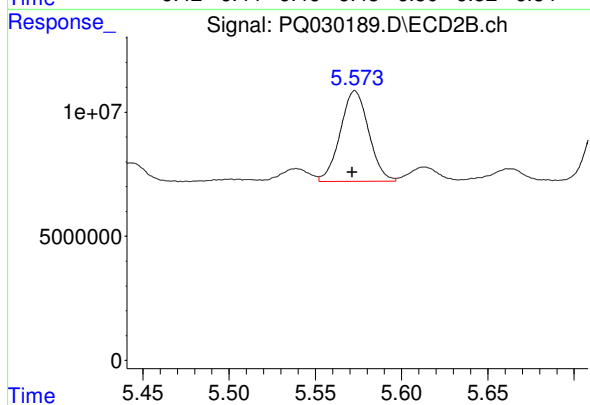
#13 AR-1232-3

R.T.: 5.371 min
Delta R.T.: 0.000 min
Response: 42793792
Conc: 211.85 ng/ml



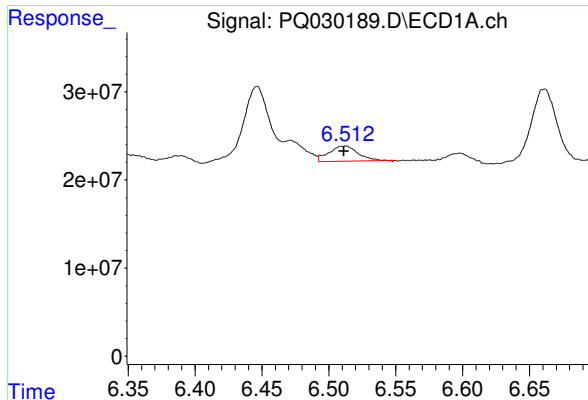
#14 AR-1232-4

R.T.: 6.471 min
Delta R.T.: -0.002 min
Response: 26212135
Conc: 44.96 ng/ml



#14 AR-1232-4

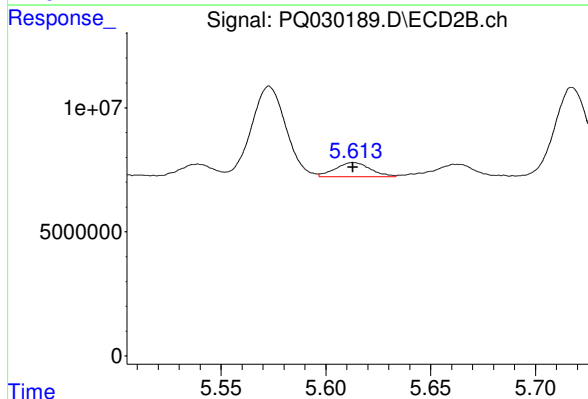
R.T.: 5.573 min
Delta R.T.: 0.002 min
Response: 42024261
Conc: 174.02 ng/ml



#15 AR-1232-5

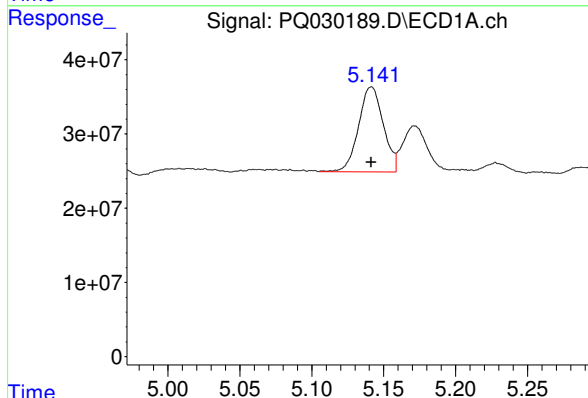
R.T.: 6.512 min
Delta R.T.: 0.001 min
Response: 26092961
Conc: 43.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



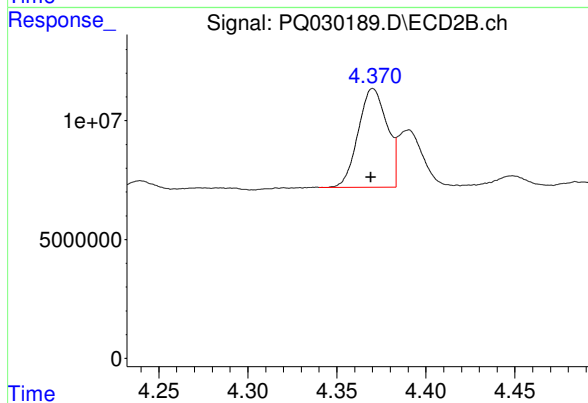
#15 AR-1232-5

R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 6653348
Conc: 30.38 ng/ml



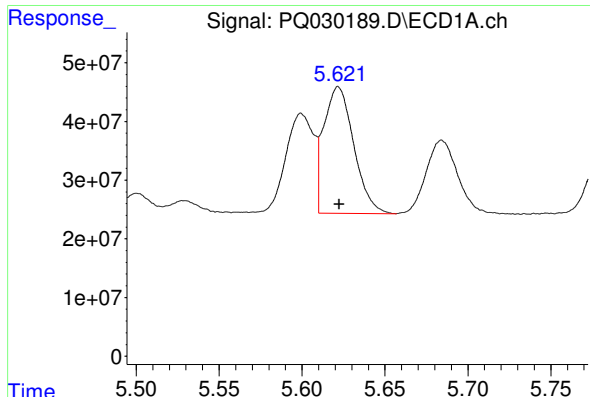
#16 AR-1242-1

R.T.: 5.142 min
Delta R.T.: 0.000 min
Response: 137457320
Conc: 140.25 ng/ml



#16 AR-1242-1

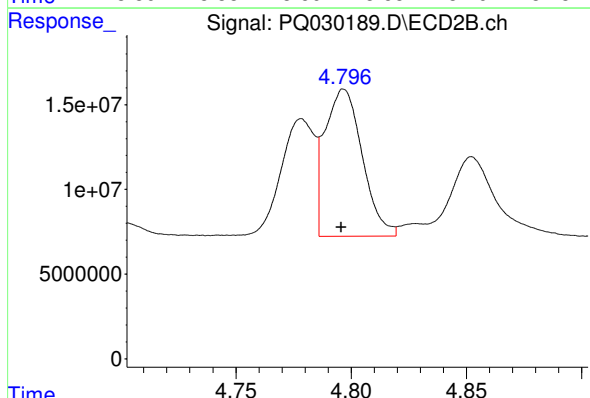
R.T.: 4.370 min
Delta R.T.: 0.001 min
Response: 46739911
Conc: 137.96 ng/ml



#17 AR-1242-2

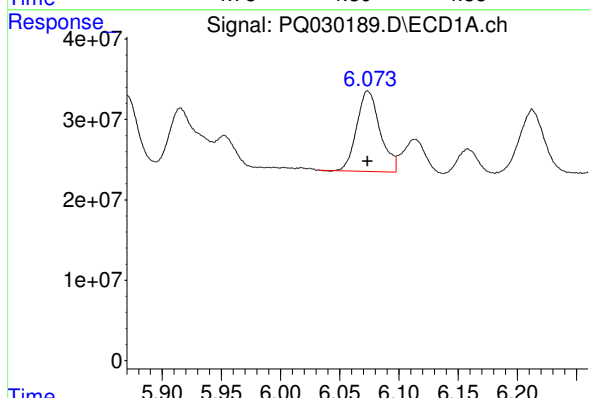
R.T.: 5.622 min
Delta R.T.: 0.000 min
Response: 270914684
Conc: 131.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



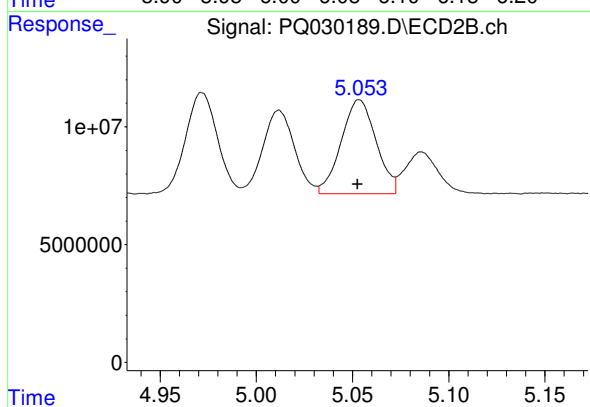
#17 AR-1242-2

R.T.: 4.797 min
Delta R.T.: 0.001 min
Response: 97882813
Conc: 142.37 ng/ml



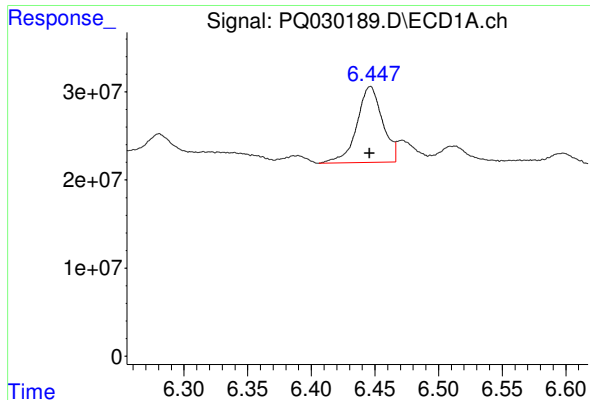
#18 AR-1242-3

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 137496130
Conc: 130.30 ng/ml



#18 AR-1242-3

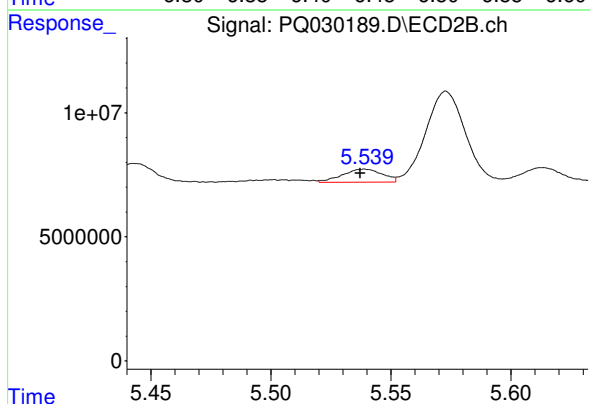
R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 50571926
Conc: 143.12 ng/ml



#19 AR-1242-4

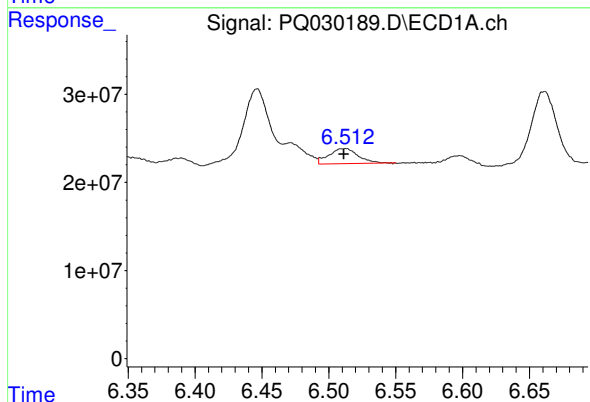
R.T.: 6.446 min
Delta R.T.: 0.000 min
Response: 121096380
Conc: 140.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



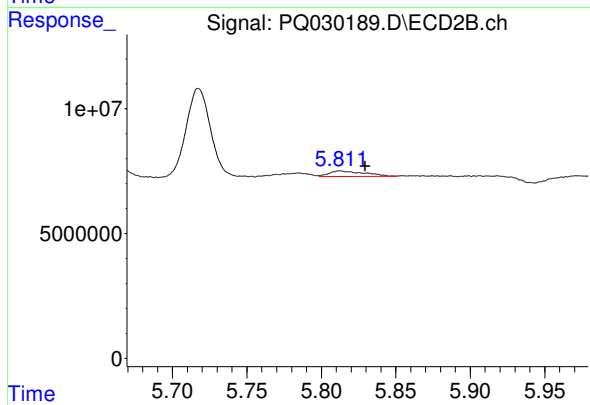
#19 AR-1242-4

R.T.: 5.539 min
Delta R.T.: 0.002 min
Response: 6183805
Conc: 24.99 ng/ml



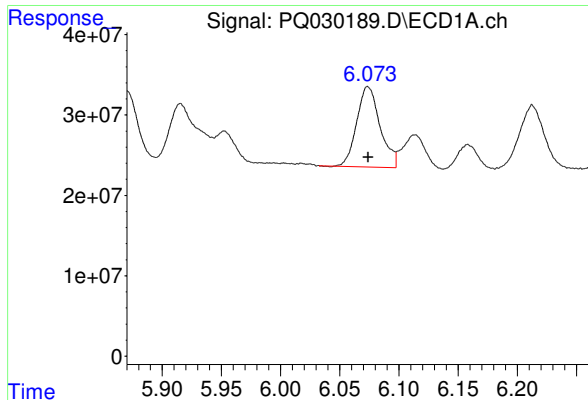
#20 AR-1242-5

R.T.: 6.512 min
Delta R.T.: 0.001 min
Response: 26092961
Conc: 21.93 ng/ml



#20 AR-1242-5

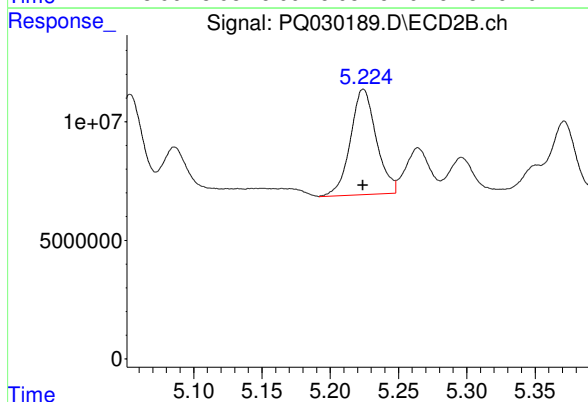
R.T.: 5.813 min
Delta R.T.: -0.017 min
Response: 3571701
Conc: 13.13 ng/ml



#21 AR-1248-1

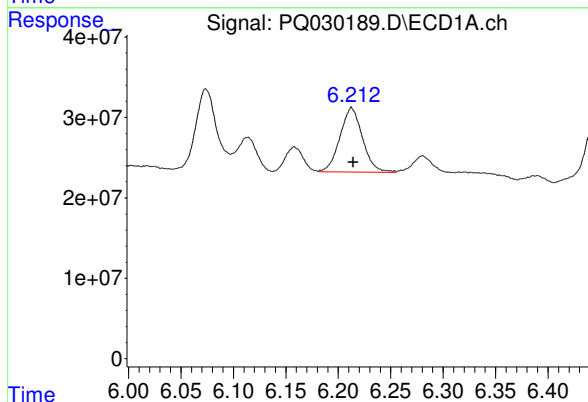
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 137496130
Conc: 77.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



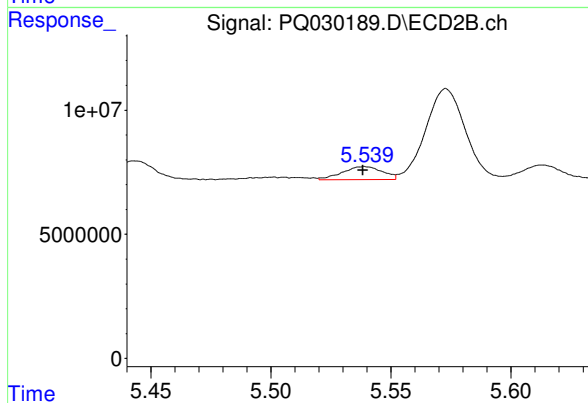
#21 AR-1248-1

R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 58733037
Conc: 90.16 ng/ml



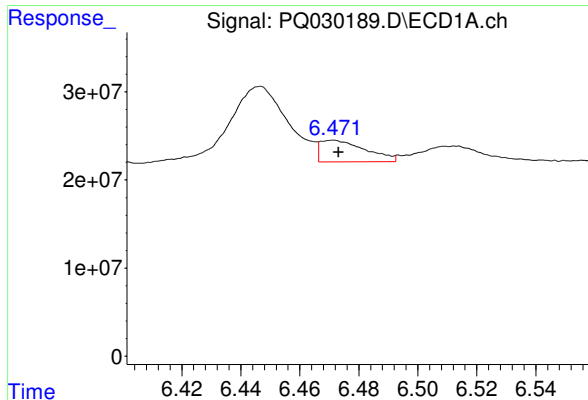
#22 AR-1248-2

R.T.: 6.213 min
Delta R.T.: -0.002 min
Response: 120196268
Conc: 76.97 ng/ml



#22 AR-1248-2

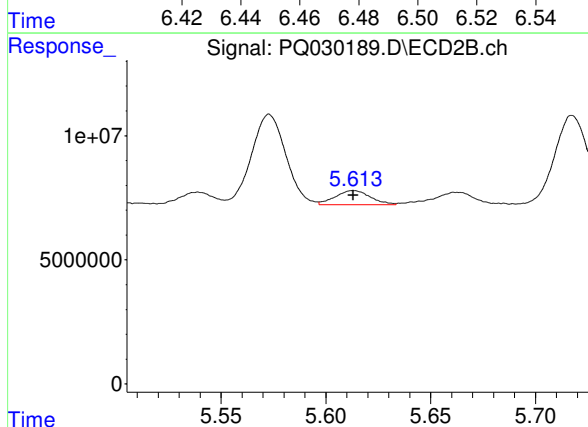
R.T.: 5.539 min
Delta R.T.: 0.000 min
Response: 6183805
Conc: 15.76 ng/ml



#23 AR-1248-3

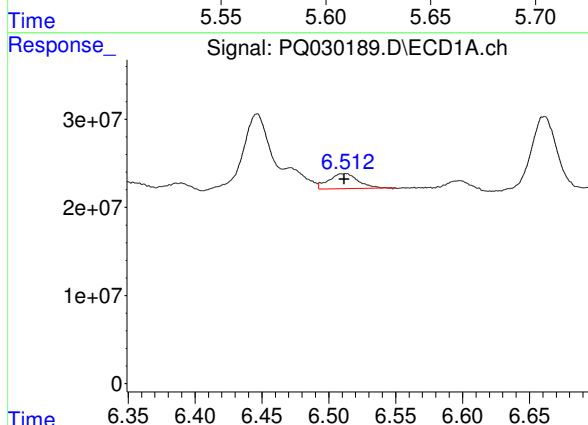
R.T.: 6.471 min
Delta R.T.: -0.002 min
Response: 26212135
Conc: 12.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



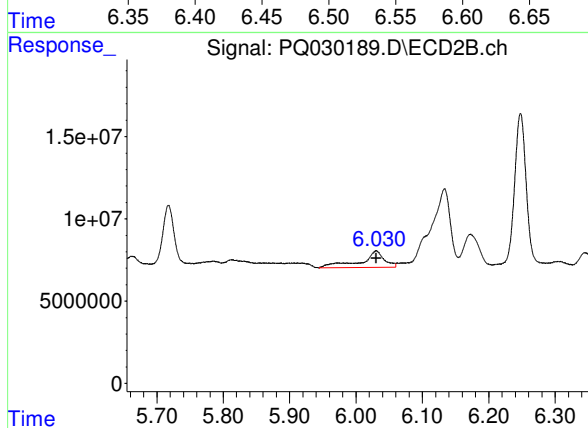
#23 AR-1248-3

R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 6653348
Conc: 9.72 ng/ml



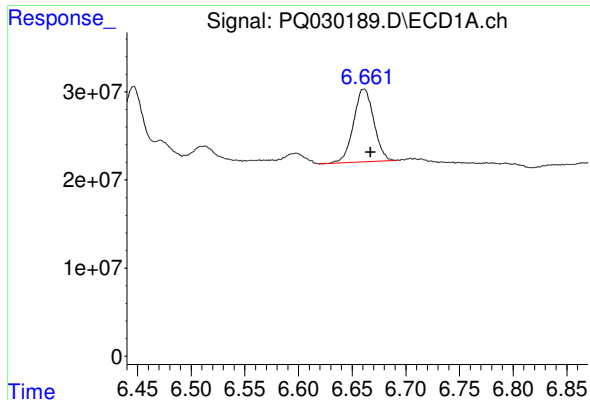
#24 AR-1248-4

R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 26092961
Conc: 13.44 ng/ml



#24 AR-1248-4

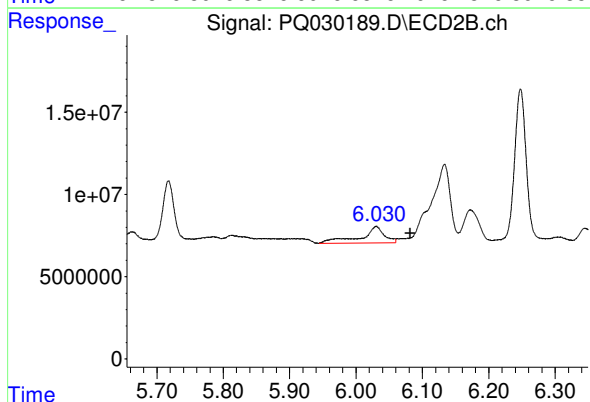
R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 25291542
Conc: 88.25 ng/ml



#25 AR-1248-5

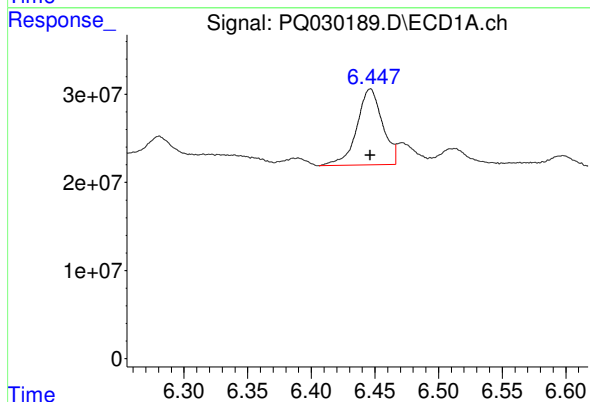
R.T.: 6.661 min
Delta R.T.: -0.006 min
Response: 108521423
Conc: 54.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



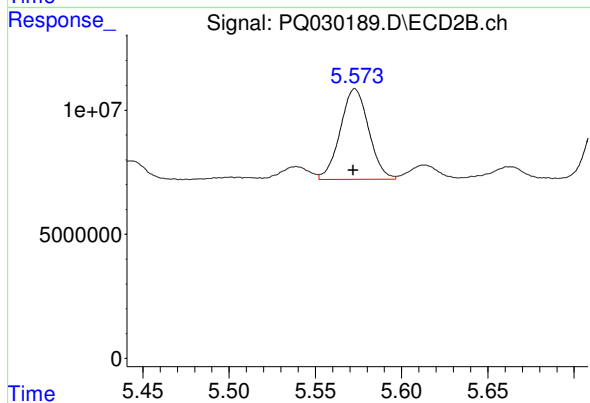
#25 AR-1248-5

R.T.: 6.030 min
Delta R.T.: -0.052 min
Response: 25291542
Conc: 151.64 ng/ml



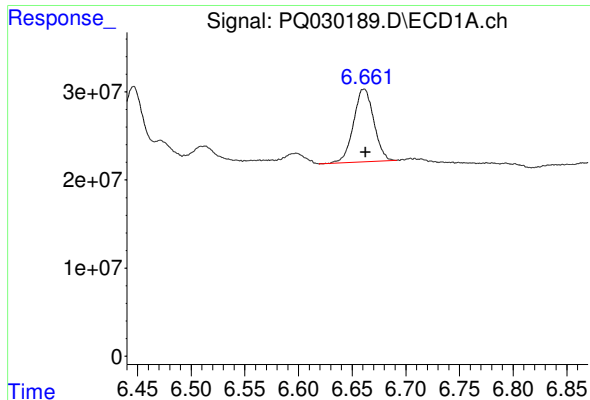
#26 AR-1254-1

R.T.: 6.446 min
Delta R.T.: 0.000 min
Response: 121096380
Conc: 62.44 ng/ml



#26 AR-1254-1

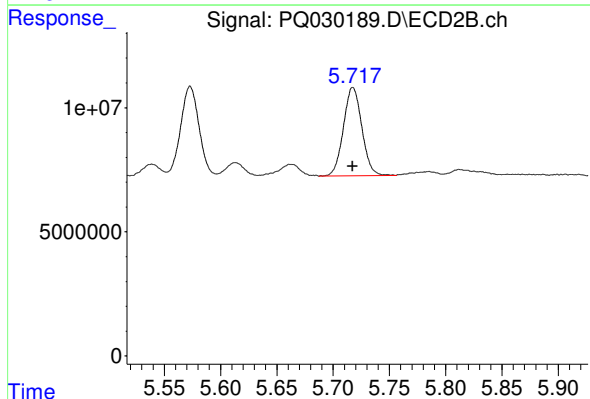
R.T.: 5.573 min
Delta R.T.: 0.001 min
Response: 42024261
Conc: 43.27 ng/ml



#27 AR-1254-2

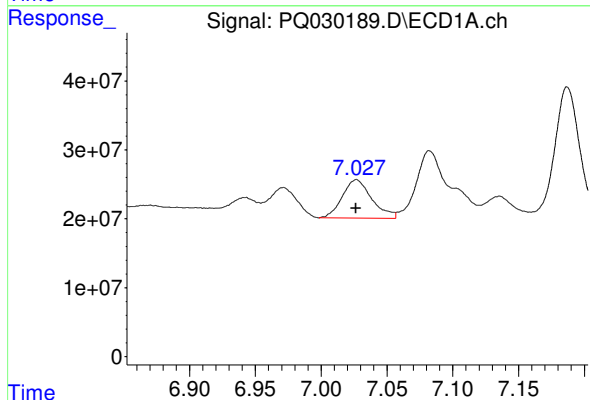
R.T.: 6.661 min
Delta R.T.: -0.002 min
Response: 108521423
Conc: 36.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



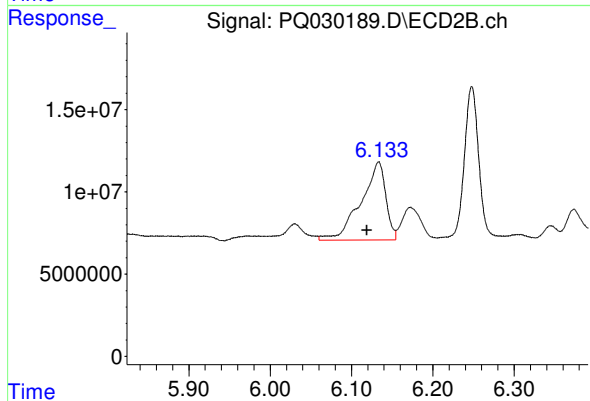
#27 AR-1254-2

R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 40783626
Conc: 47.83 ng/ml



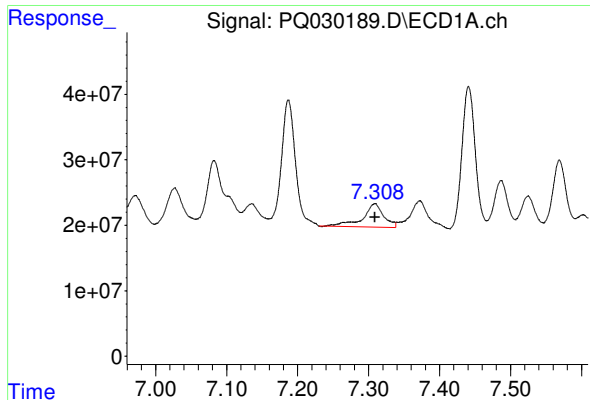
#28 AR-1254-3

R.T.: 7.027 min
Delta R.T.: 0.000 min
Response: 86783086
Conc: 26.63 ng/ml



#28 AR-1254-3

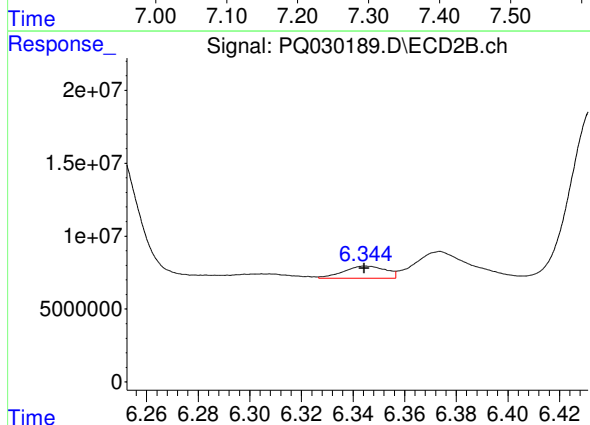
R.T.: 6.133 min
Delta R.T.: 0.014 min
Response: 101522312
Conc: 70.15 ng/ml



#29 AR-1254-4

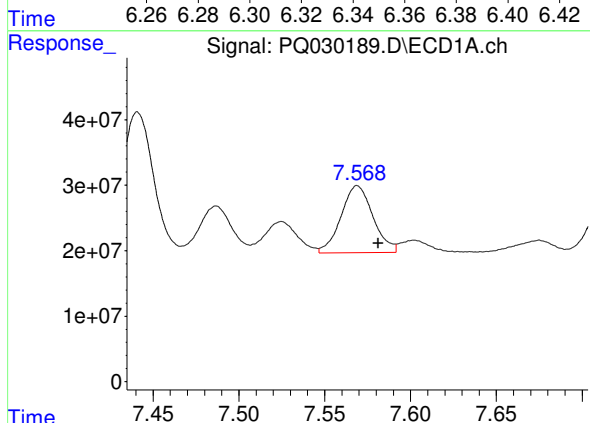
R.T.: 7.309 min
Delta R.T.: 0.000 min
Response: 73685009
Conc: 30.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



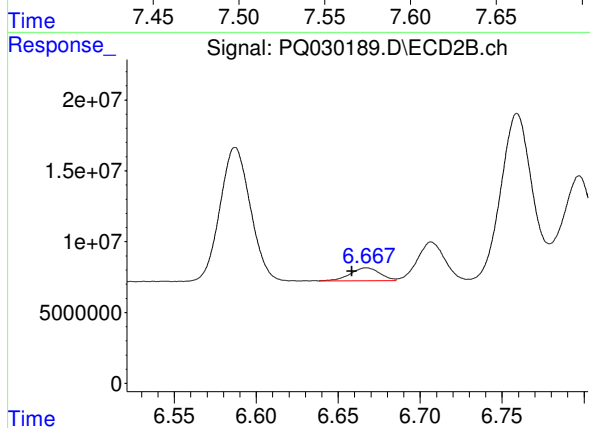
#29 AR-1254-4

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 9323834
Conc: 9.77 ng/ml



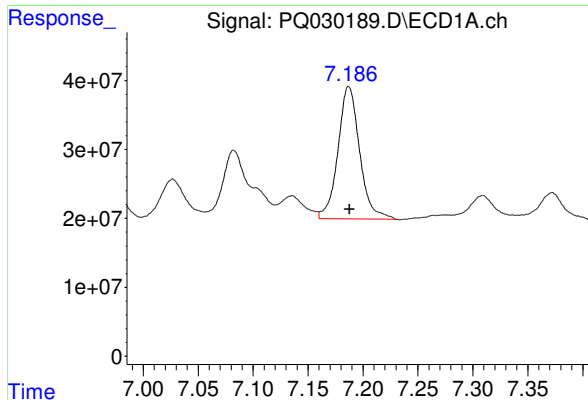
#30 AR-1254-5

R.T.: 7.569 min
Delta R.T.: -0.012 min
Response: 132470970
Conc: 71.49 ng/ml



#30 AR-1254-5

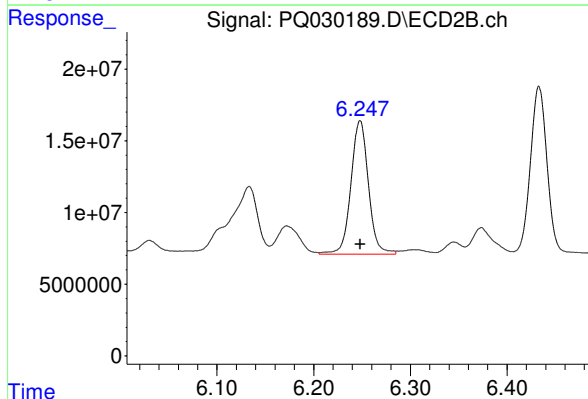
R.T.: 6.667 min
Delta R.T.: 0.009 min
Response: 11590176
Conc: 17.19 ng/ml



#31 AR-1260-1

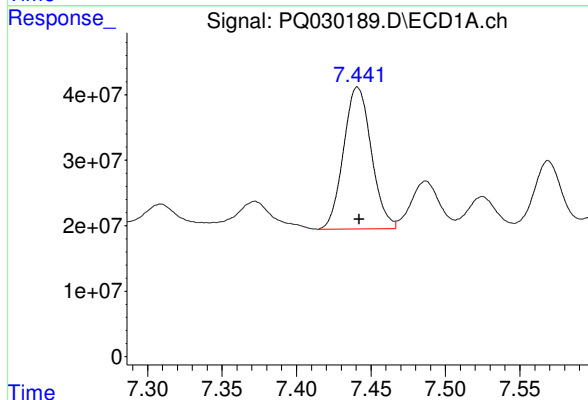
R.T.: 7.187 min
Delta R.T.: 0.000 min
Response: 263078411
Conc: 133.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



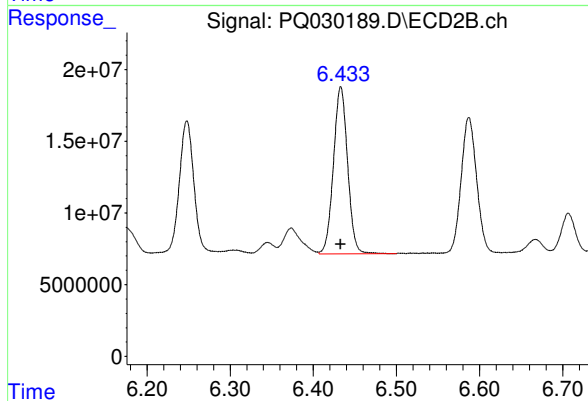
#31 AR-1260-1

R.T.: 6.248 min
Delta R.T.: 0.000 min
Response: 116594756
Conc: 139.31 ng/ml



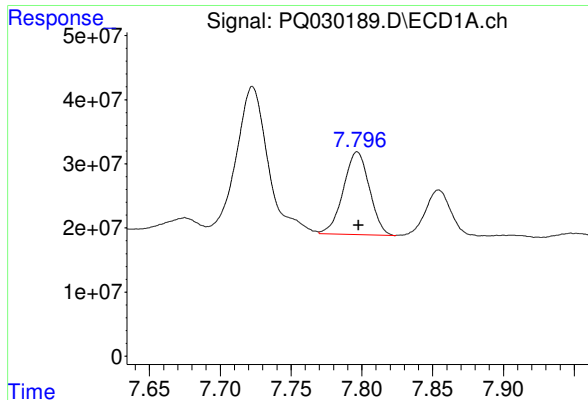
#32 AR-1260-2

R.T.: 7.441 min
Delta R.T.: -0.001 min
Response: 281809283
Conc: 124.13 ng/ml



#32 AR-1260-2

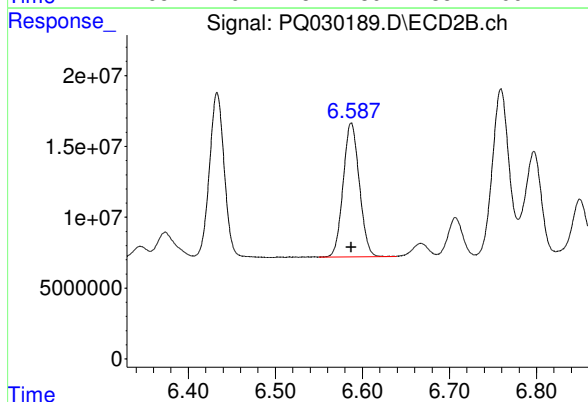
R.T.: 6.433 min
Delta R.T.: 0.000 min
Response: 138248278
Conc: 133.03 ng/ml



#33 AR-1260-3

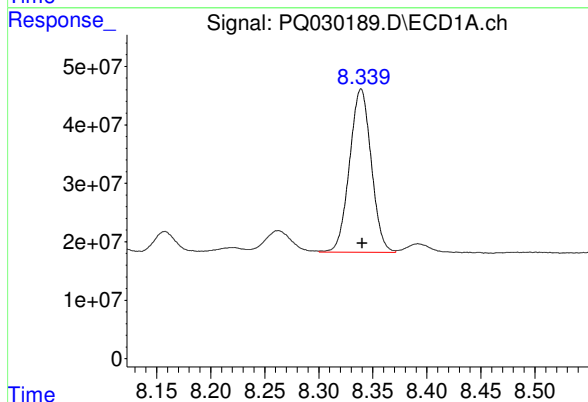
R.T.: 7.797 min
Delta R.T.: -0.001 min
Response: 165086370
Conc: 100.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



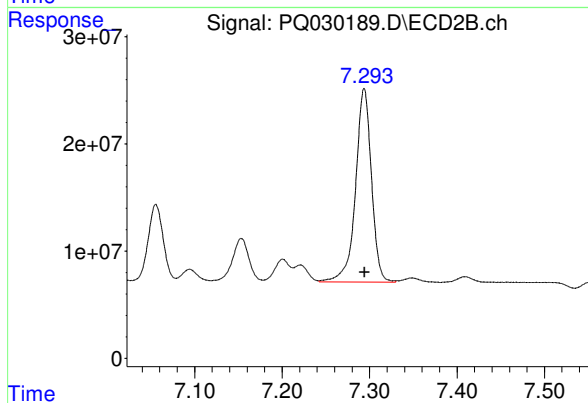
#33 AR-1260-3

R.T.: 6.587 min
Delta R.T.: 0.000 min
Response: 121831298
Conc: 126.43 ng/ml



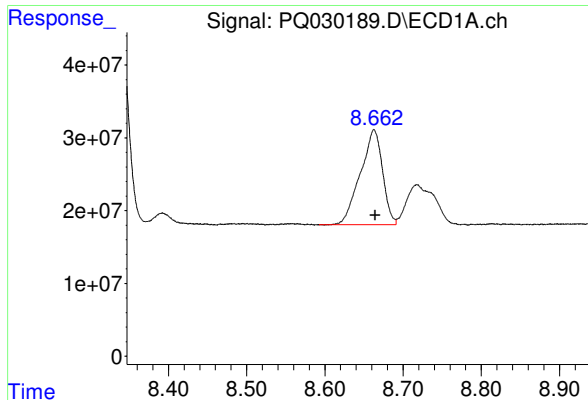
#34 AR-1260-4

R.T.: 8.339 min
Delta R.T.: 0.000 min
Response: 391091505
Conc: 106.96 ng/ml



#34 AR-1260-4

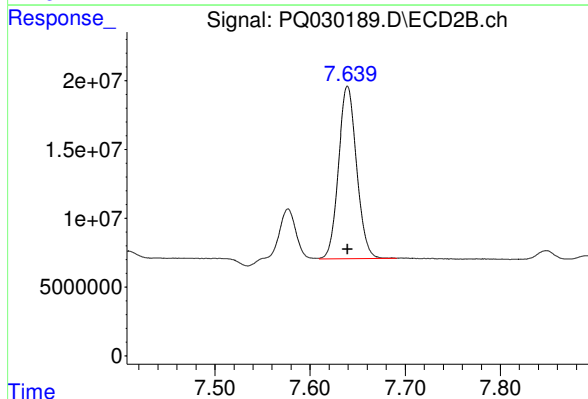
R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 228230201
Conc: 114.41 ng/ml



#35 AR-1260-5

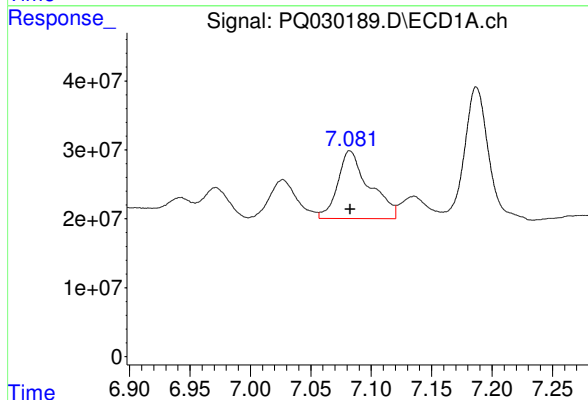
R.T.: 8.663 min
Delta R.T.: -0.002 min
Response: 257328339
Conc: 110.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



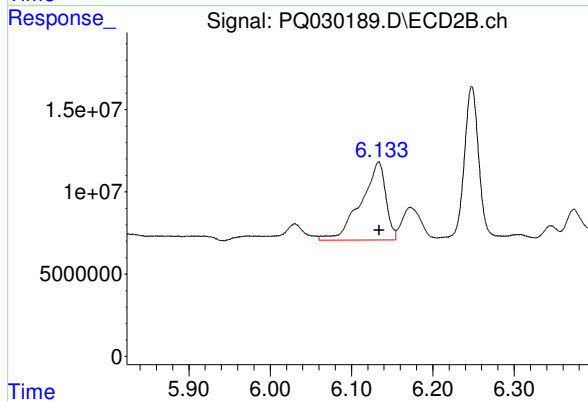
#35 AR-1260-5

R.T.: 7.639 min
Delta R.T.: 0.000 min
Response: 165392175
Conc: 116.85 ng/ml



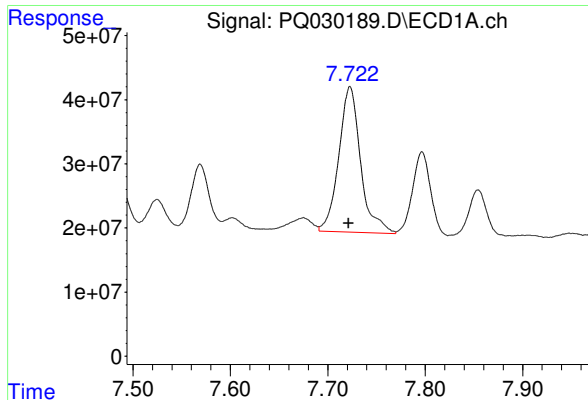
#36 AR-1262-1

R.T.: 7.082 min
Delta R.T.: 0.000 min
Response: 179027793
Conc: 100.55 ng/ml



#36 AR-1262-1

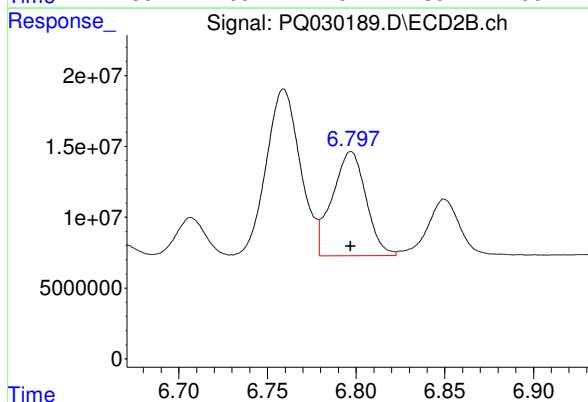
R.T.: 6.133 min
Delta R.T.: 0.000 min
Response: 101522312
Conc: 185.80 ng/ml



#37 AR-1262-2

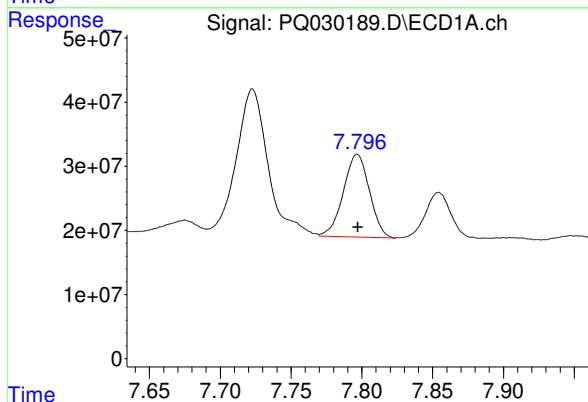
R.T.: 7.723 min
Delta R.T.: 0.002 min
Response: 353465962
Conc: 146.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



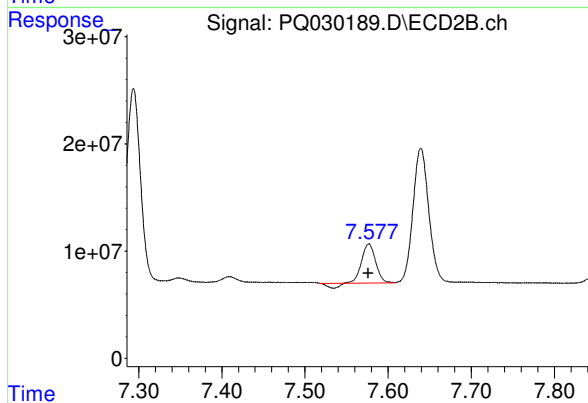
#37 AR-1262-2

R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 97248673
Conc: 64.49 ng/ml



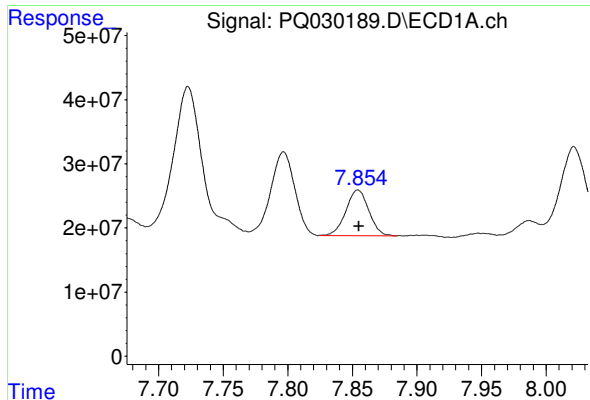
#38 AR-1262-3

R.T.: 7.797 min
Delta R.T.: 0.000 min
Response: 165086370
Conc: 46.95 ng/ml



#38 AR-1262-3

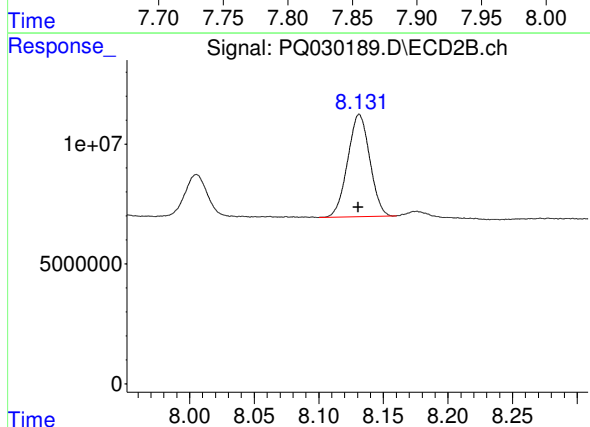
R.T.: 7.577 min
Delta R.T.: 0.000 min
Response: 39084053
Conc: 35.04 ng/ml



#39 AR-1262-4

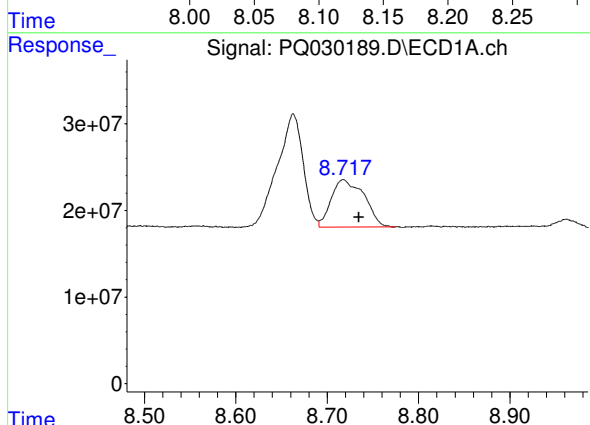
R.T.: 7.854 min
Delta R.T.: 0.000 min
Response: 87939772
Conc: 55.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



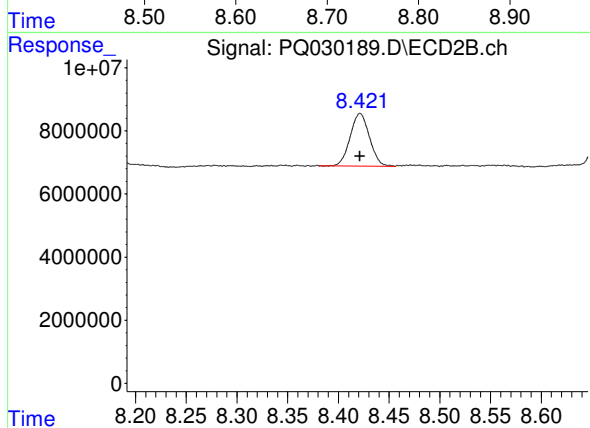
#39 AR-1262-4

R.T.: 8.131 min
Delta R.T.: 0.000 min
Response: 50844616
Conc: 53.80 ng/ml



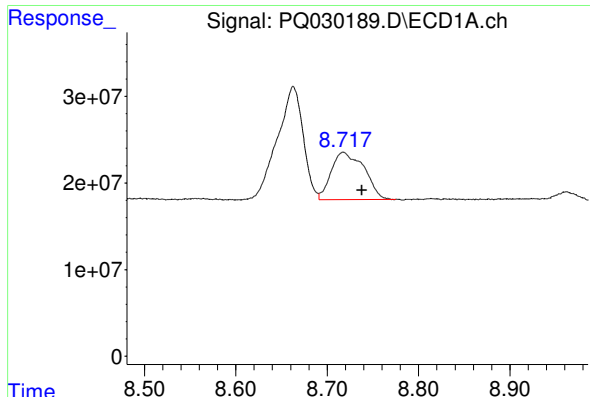
#40 AR-1262-5

R.T.: 8.718 min
Delta R.T.: -0.017 min
Response: 136661455
Conc: 45.85 ng/ml



#40 AR-1262-5

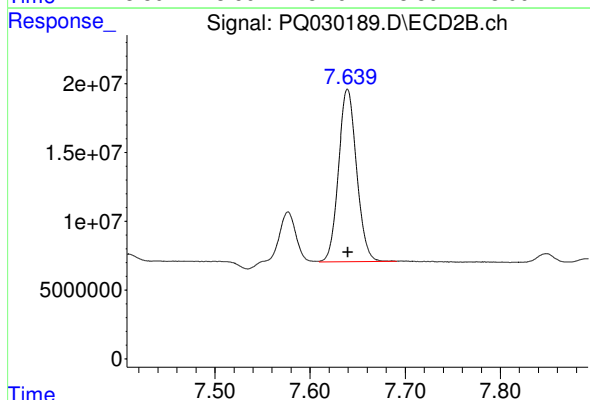
R.T.: 8.421 min
Delta R.T.: 0.000 min
Response: 22150438
Conc: 58.54 ng/ml



#41 AR-1268-1

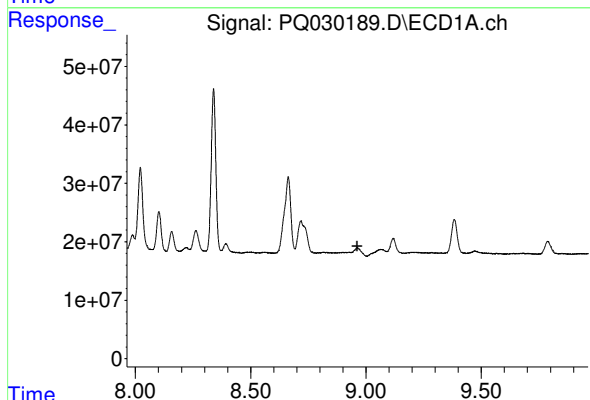
R.T.: 8.718 min
Delta R.T.: -0.020 min
Response: 136661455
Conc: 23.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



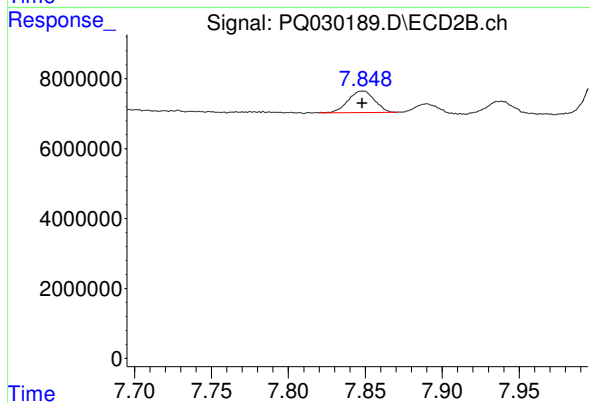
#41 AR-1268-1

R.T.: 7.639 min
Delta R.T.: 0.000 min
Response: 165392175
Conc: 58.16 ng/ml



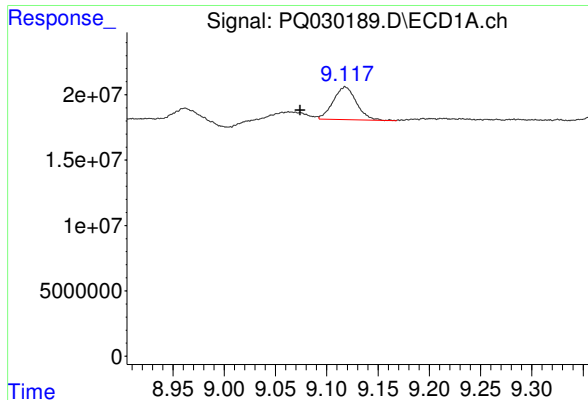
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.962 min
Response: 0
Conc: N.D.



#42 AR-1268-2

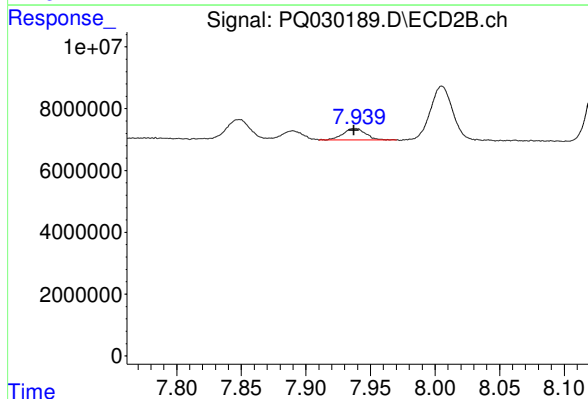
R.T.: 7.848 min
Delta R.T.: 0.000 min
Response: 7291989
Conc: 3.06 ng/ml



#43 AR-1268-3

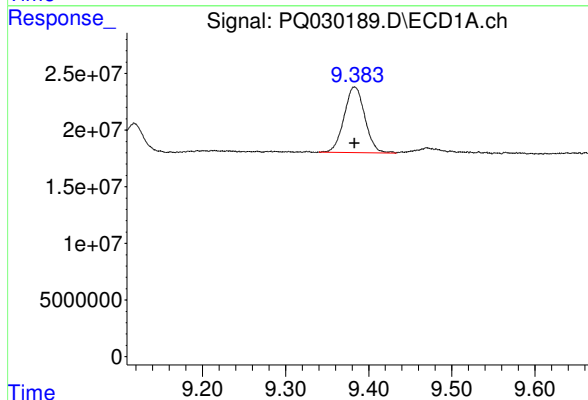
R.T.: 9.118 min
Delta R.T.: 0.044 min
Response: 39274711
Conc: 30.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



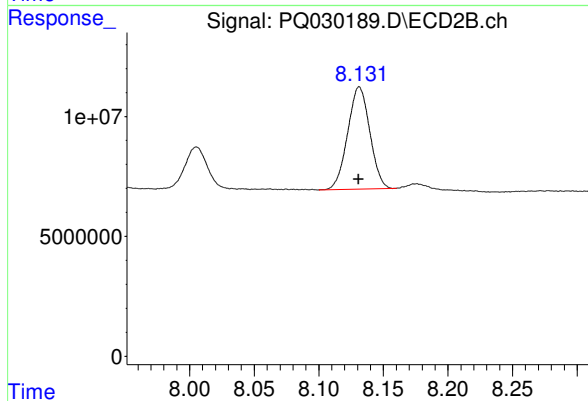
#43 AR-1268-3

R.T.: 7.938 min
Delta R.T.: 0.001 min
Response: 4448545
Conc: 7.17 ng/ml



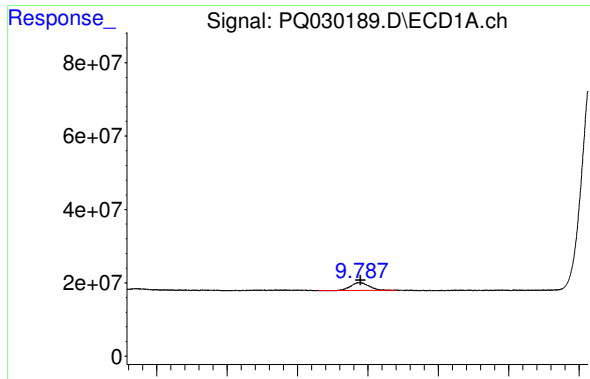
#44 AR-1268-4

R.T.: 9.383 min
Delta R.T.: 0.000 min
Response: 100735824
Conc: 43.48 ng/ml



#44 AR-1268-4

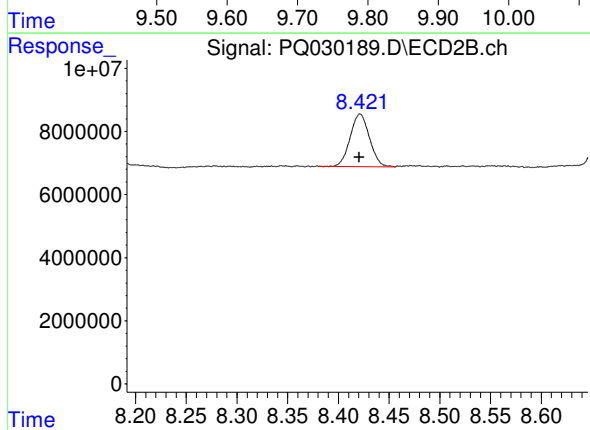
R.T.: 8.131 min
Delta R.T.: 0.000 min
Response: 50844616
Conc: 50.69 ng/ml



#45 AR-1268-5

R.T.: 9.788 min
Delta R.T.: -0.001 min
Response: 37365541
Conc: 2.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.421 min
Delta R.T.: 0.000 min
Response: 22150438
Conc: 2.88 ng/ml