

Data Path : P:\HPCHEM1\ECD_Q\Data\PQ041318\
 Data File : PQ027946.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Apr 2018 10:06
 Operator : UA/SM
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 10:24:56 2018
 Quant Method : P:\HPCHEM1\ECD_Q\Method\PQ041018CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 10 04:16:48 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...	4.621	3.780	1819.6E6	200.3E6	22.009	20.802
2)	SA Decachlor...	10.386	8.733	3375.9E6	627.2E6	36.953	34.517
Target Compounds							
3)	L1 AR-1016-1	4.985	4.153	576.7E6	74912389	448.206	419.861
4)	L1 AR-1016-2	5.511	4.638	846.4E6	113.8E6	441.544	433.196
5)	L1 AR-1016-3	5.859	4.928	1138.1E6	164.3E6	442.371	420.380
6)	L1 AR-1016-4	5.956	5.047	973.4E6	126.9E6	437.895	423.743
7)	L1 AR-1016-5	6.045	5.086	783.7E6	98164073	442.428	421.706
8)	L2 AR-1221-1	4.821	3.990	106.9E6	12687737	88.066	74.460
9)	L2 AR-1221-2	4.909	4.077	133.9E6	17076471	161.280	131.017
10)	L2 AR-1221-3	4.985	4.153	576.7E6	74912389	187.127	173.749
11)	L3 AR-1232-1	4.985	4.153	576.7E6	74912389	291.031	259.490
12)	L3 AR-1232-2	5.511	4.638	846.4E6	113.8E6	724.900	699.275
13)	L3 AR-1232-3	6.387	5.443	929.5E6	146.3E6	833.496	817.799
14)	L3 AR-1232-4	6.644	5.643	295.5E6	144.0E6	242.784	725.031 #
15)	L3 AR-1232-5	6.685	5.683	261.7E6	40799188	210.525	238.333
16)	L4 AR-1242-1	5.318	4.448	836.7E6	106.8E6	493.042	485.862
17)	L4 AR-1242-2	5.797	4.872	1901.9E6	242.4E6	505.381	484.218
18)	L4 AR-1242-3	6.248	5.127	910.1E6	120.7E6	496.302	475.662
19)	L4 AR-1242-4	6.622	5.609	874.5E6	36707014	609.070	201.159 #
20)	L4 AR-1242-5	6.685	5.880	261.7E6	14584179	125.014	76.420 #
21)	L5 AR-1248-1	6.248	5.297	910.1E6	134.0E6	257.821	258.458
22)	L5 AR-1248-2	6.387	5.609	929.5E6	36707014	306.807	114.888 #
23)	L5 AR-1248-3	6.644	5.683	295.5E6	40799188	69.370	71.101
24)	L5 AR-1248-4	6.685	6.098	261.7E6	24543240	65.699	99.436 #
25)	L5 AR-1248-5	6.837	6.169	752.6E6	45163472	182.932	312.060 #
26)	L6 AR-1254-1	6.622	5.643	874.5E6	144.0E6	216.474	182.248
27)	L6 AR-1254-2	6.837	5.787	752.6E6	104.3E6	120.583	151.710 #
28)	L6 AR-1254-3	7.200	6.169	365.9E6	45163472	54.868	37.045 #
29)	L6 AR-1254-4	7.483	6.411	246.4E6	22501811	46.350	27.066 #
30)	L6 AR-1254-5	7.744	6.729	937.0E6	37859448	276.468	64.868 #
31)	L7 AR-1260-1	7.364	6.314	1726.6E6	299.5E6	414.637	405.931
32)	L7 AR-1260-2	7.616	6.498	2437.4E6	383.1E6	412.445	400.724
33)	L7 AR-1260-3	7.974	6.651	1872.6E6	347.0E6	386.834	399.358
34)	L7 AR-1260-4	8.528	7.354	4009.1E6	814.0E6	371.247	401.043
35)	L7 AR-1260-5	8.859	7.697	2233.4E6	580.1E6	369.864	391.776
36)	L8 AR-1262-1	7.260	6.199	1267.7E6	208.9E6	392.751	441.550
37)	L8 AR-1262-2	7.895	6.858	2463.8E6	339.6E6	539.036	254.196 #
38)	L8 AR-1262-3	7.974	7.633	1872.6E6	186.6E6	229.509	176.870
39)	L8 AR-1262-4	8.031	8.190	896.5E6	204.1E6	296.123	214.795 #
40)	L8 AR-1262-5	8.926	8.481	1438.1E6	52713176	206.409	152.523 #
41)	L9 AR-1268-1	8.926	7.697	1438.1E6	580.1E6	93.177	192.871 #

Data Path : P:\HPCHEM1\ECD_Q\Data\PQ041318\
 Data File : PQ027946.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Apr 2018 10:06
 Operator : UA/SM
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

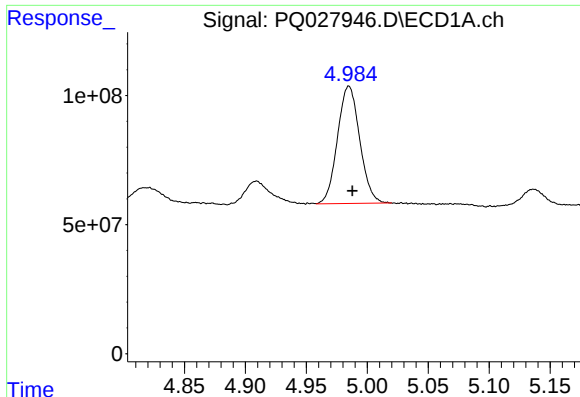
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 10:24:56 2018
 Quant Method : P:\HPCHEM1\ECD_Q\Method\PQ041018CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 10 04:16:48 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	9.182	7.901	61806676	12329010	4.335	4.586
43) L9	AR-1268-3	9.297	7.991	43730433	12089813	12.695	16.843 #
44) L9	AR-1268-4	9.610	8.190	1029.1E6	204.1E6	198.653	193.926
45) L9	AR-1268-5	10.036	8.481	269.1E6	52713176	6.828	6.709

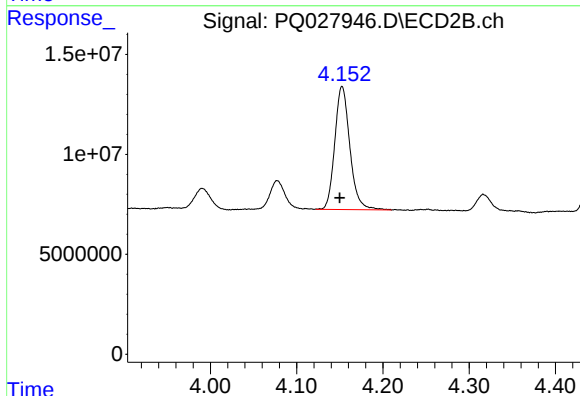
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

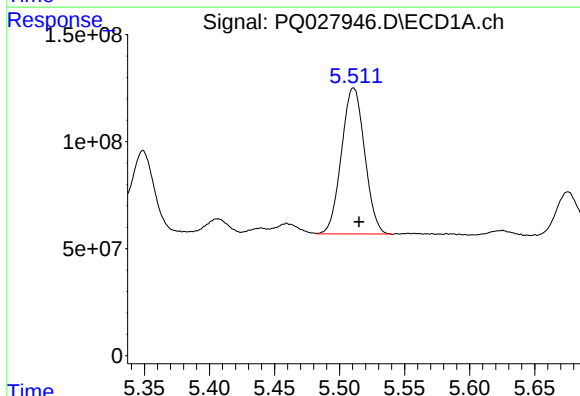
R.T.: 4.985 min
Delta R.T.: -0.003 min
Response: 576744882
Conc: 448.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



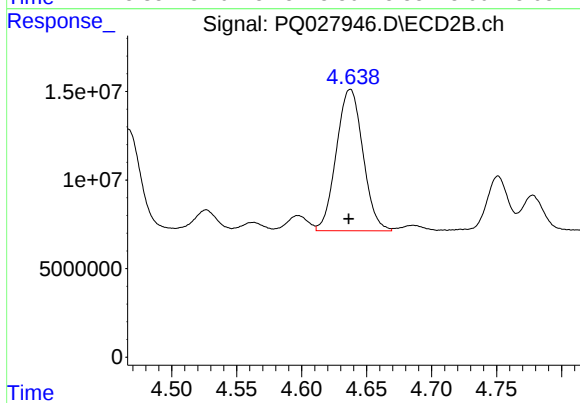
#3 AR-1016-1

R.T.: 4.153 min
Delta R.T.: 0.003 min
Response: 74912389
Conc: 419.86 ng/ml



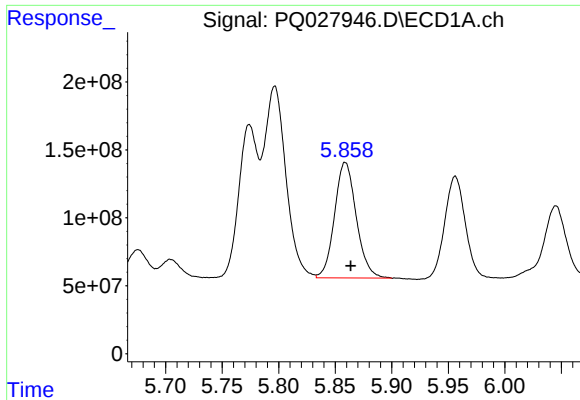
#4 AR-1016-2

R.T.: 5.511 min
Delta R.T.: -0.004 min
Response: 846432140
Conc: 441.54 ng/ml



#4 AR-1016-2

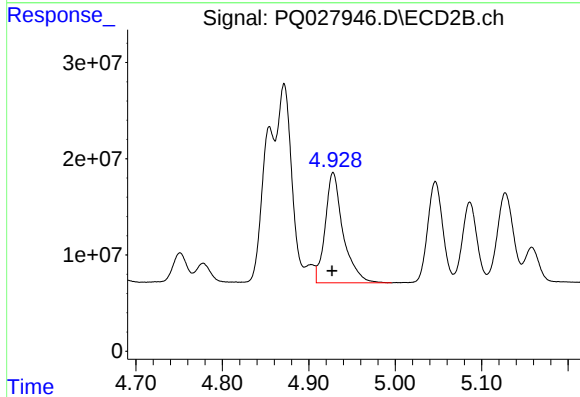
R.T.: 4.638 min
Delta R.T.: 0.001 min
Response: 113829197
Conc: 433.20 ng/ml



#5 AR-1016-3

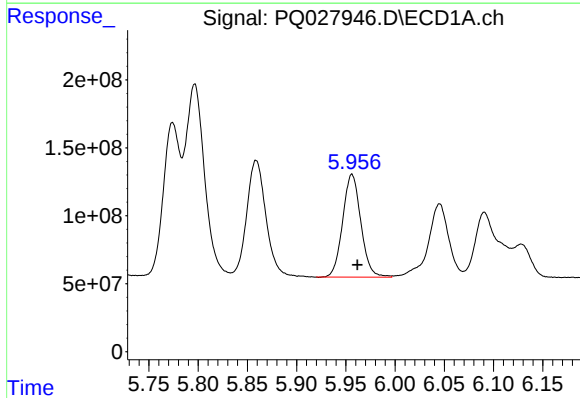
R.T.: 5.859 min
Delta R.T.: -0.005 min
Response: 1138071216
Conc: 442.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



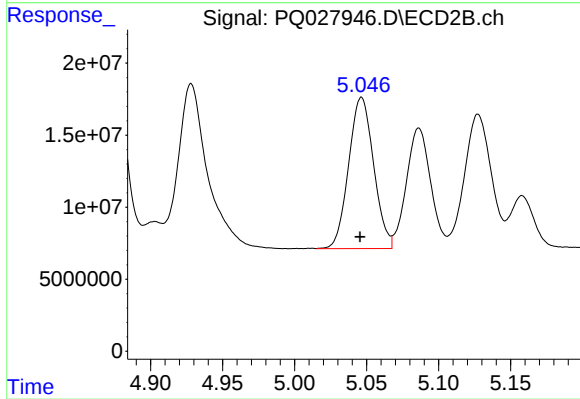
#5 AR-1016-3

R.T.: 4.928 min
Delta R.T.: 0.001 min
Response: 164300310
Conc: 420.38 ng/ml



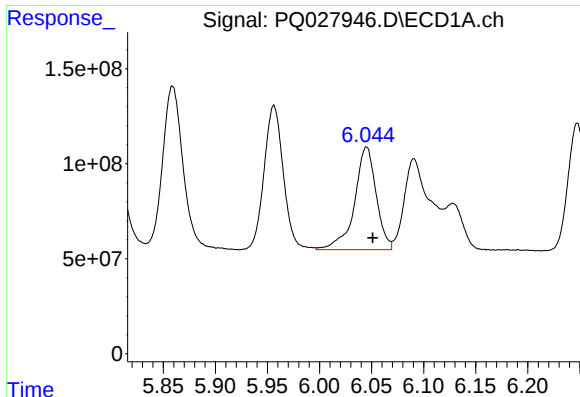
#6 AR-1016-4

R.T.: 5.956 min
Delta R.T.: -0.006 min
Response: 973415519
Conc: 437.89 ng/ml



#6 AR-1016-4

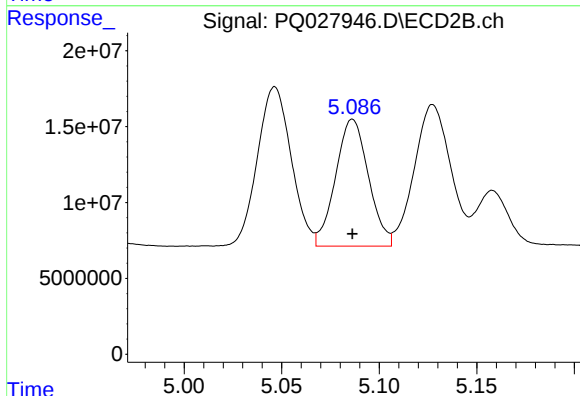
R.T.: 5.047 min
Delta R.T.: 0.001 min
Response: 126931816
Conc: 423.74 ng/ml



#7 AR-1016-5

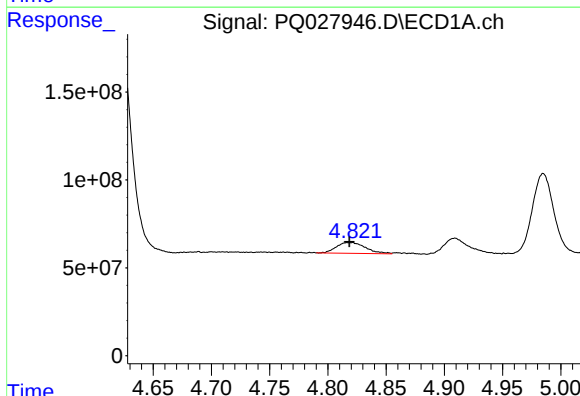
R.T.: 6.045 min
Delta R.T.: -0.006 min
Response: 783654337
Conc: 442.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



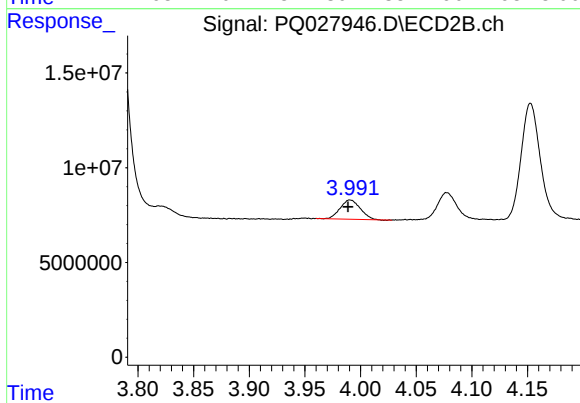
#7 AR-1016-5

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 98164073
Conc: 421.71 ng/ml



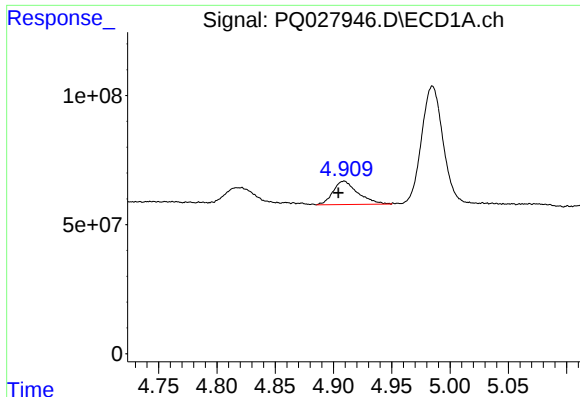
#8 AR-1221-1

R.T.: 4.821 min
Delta R.T.: 0.003 min
Response: 106897152
Conc: 88.07 ng/ml



#8 AR-1221-1

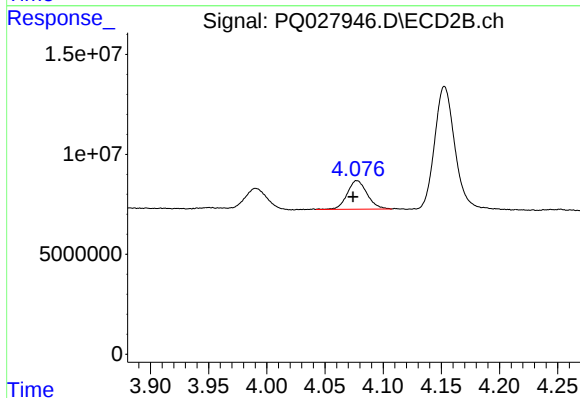
R.T.: 3.990 min
Delta R.T.: 0.002 min
Response: 12687737
Conc: 74.46 ng/ml



#9 AR-1221-2

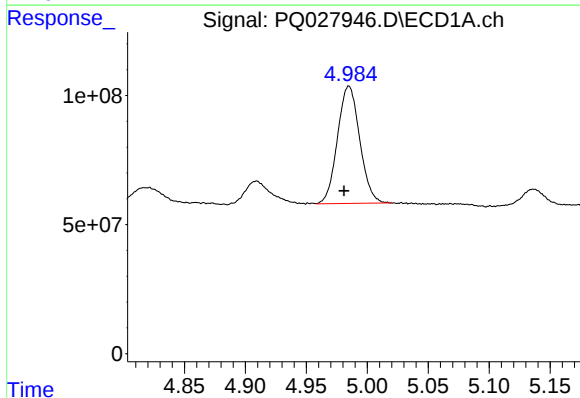
R.T.: 4.909 min
Delta R.T.: 0.005 min
Response: 133902977
Conc: 161.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



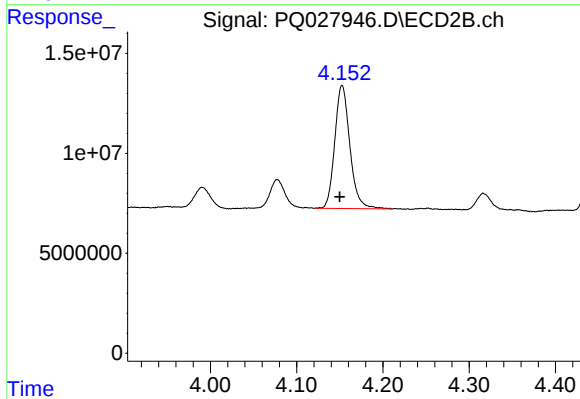
#9 AR-1221-2

R.T.: 4.077 min
Delta R.T.: 0.003 min
Response: 17076471
Conc: 131.02 ng/ml



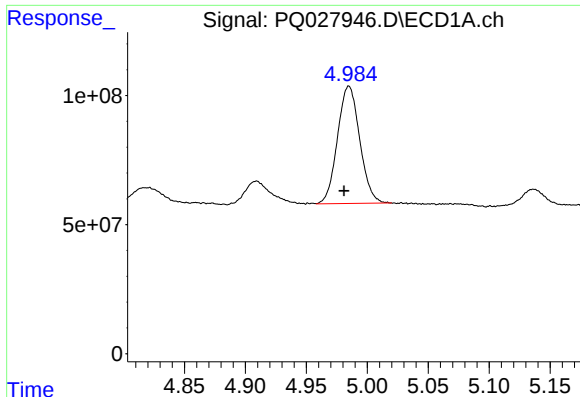
#10 AR-1221-3

R.T.: 4.985 min
Delta R.T.: 0.004 min
Response: 576744882
Conc: 187.13 ng/ml



#10 AR-1221-3

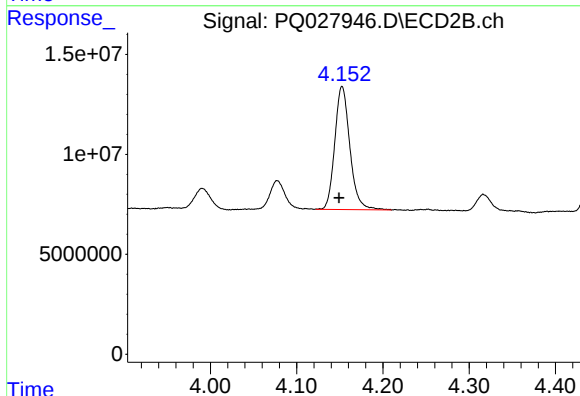
R.T.: 4.153 min
Delta R.T.: 0.003 min
Response: 74912389
Conc: 173.75 ng/ml



#11 AR-1232-1

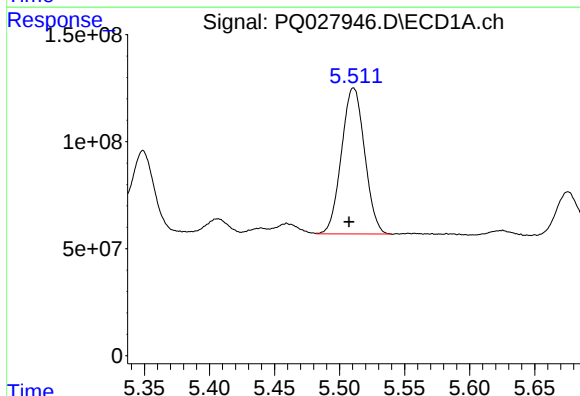
R.T.: 4.985 min
Delta R.T.: 0.004 min
Response: 576744882
Conc: 291.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



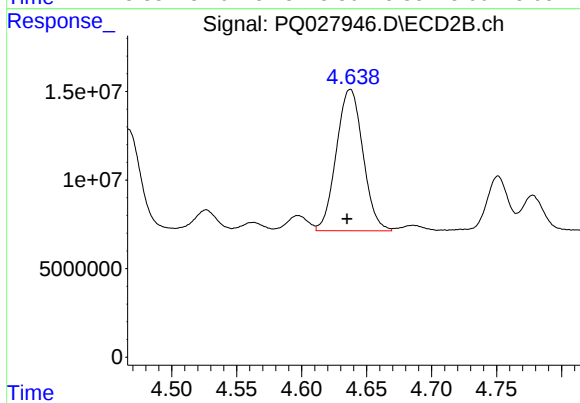
#11 AR-1232-1

R.T.: 4.153 min
Delta R.T.: 0.003 min
Response: 74912389
Conc: 259.49 ng/ml



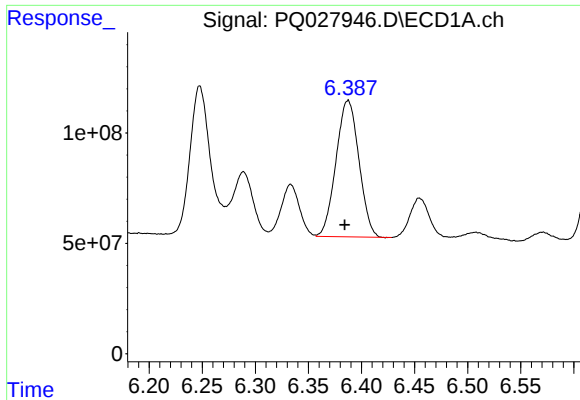
#12 AR-1232-2

R.T.: 5.511 min
Delta R.T.: 0.004 min
Response: 846432140
Conc: 724.90 ng/ml



#12 AR-1232-2

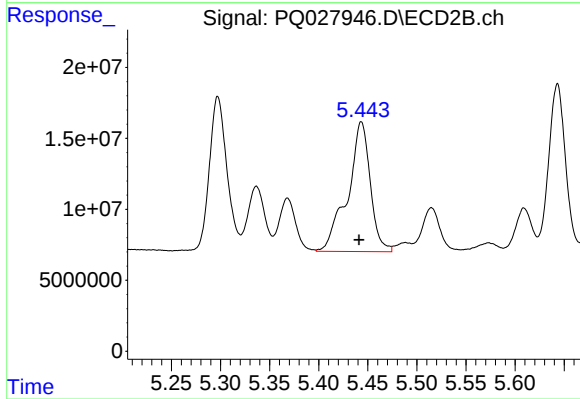
R.T.: 4.638 min
Delta R.T.: 0.003 min
Response: 113829197
Conc: 699.27 ng/ml



#13 AR-1232-3

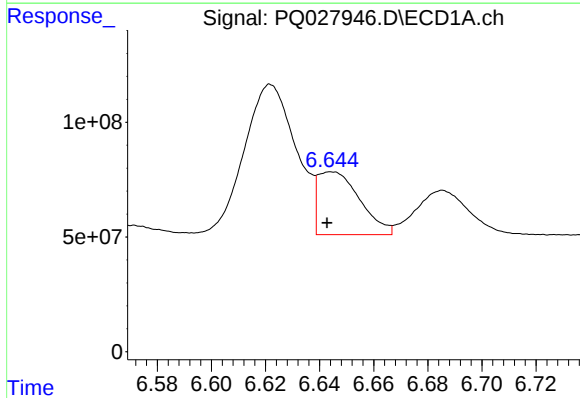
R.T.: 6.387 min
Delta R.T.: 0.003 min
Response: 929470919
Conc: 833.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



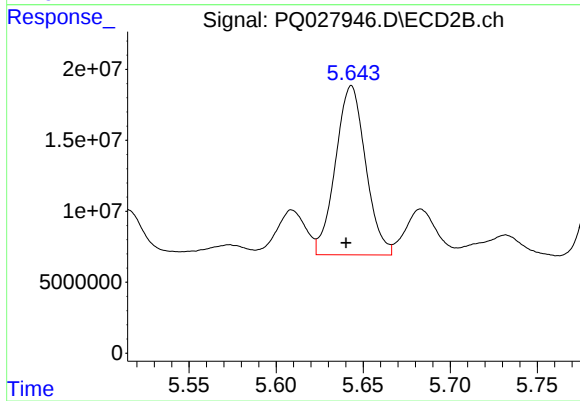
#13 AR-1232-3

R.T.: 5.443 min
Delta R.T.: 0.002 min
Response: 146279903
Conc: 817.80 ng/ml



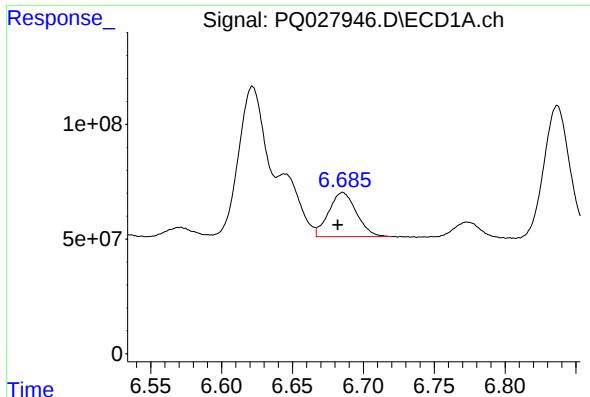
#14 AR-1232-4

R.T.: 6.644 min
Delta R.T.: 0.002 min
Response: 295528041
Conc: 242.78 ng/ml



#14 AR-1232-4

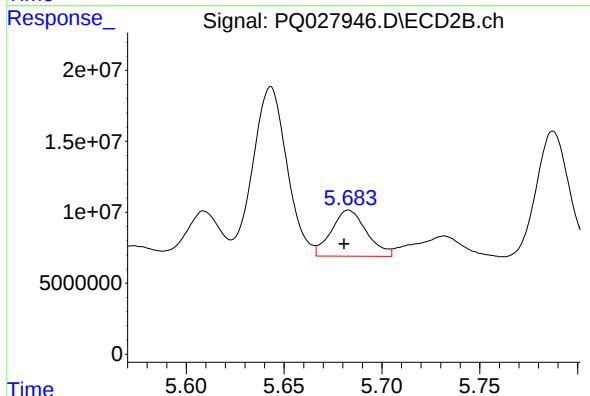
R.T.: 5.643 min
Delta R.T.: 0.003 min
Response: 143963286
Conc: 725.03 ng/ml



#15 AR-1232-5

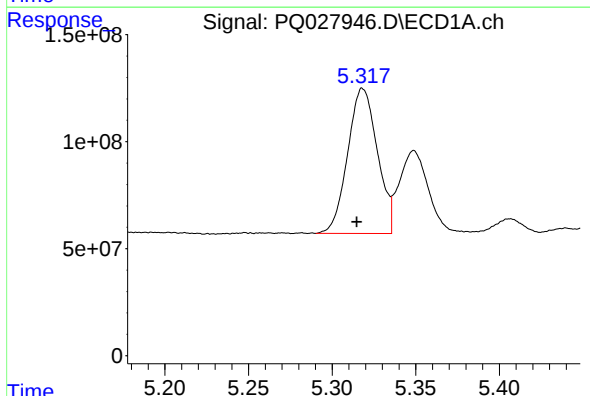
R.T.: 6.685 min
Delta R.T.: 0.004 min
Response: 261656885
Conc: 210.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



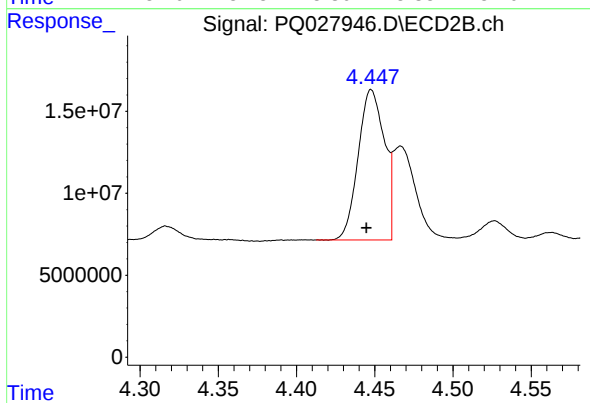
#15 AR-1232-5

R.T.: 5.683 min
Delta R.T.: 0.002 min
Response: 40799188
Conc: 238.33 ng/ml



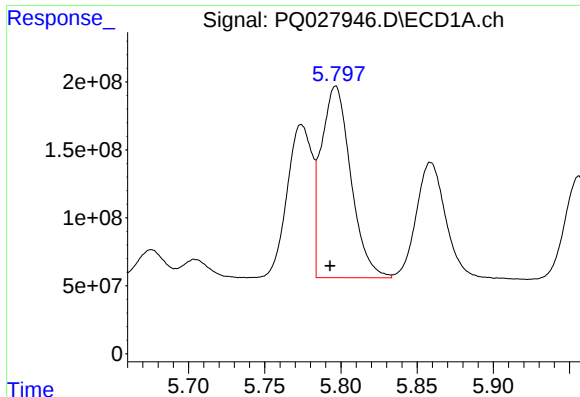
#16 AR-1242-1

R.T.: 5.318 min
Delta R.T.: 0.003 min
Response: 836661783
Conc: 493.04 ng/ml



#16 AR-1242-1

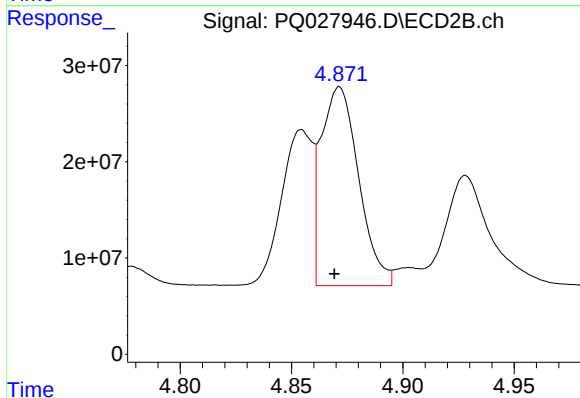
R.T.: 4.448 min
Delta R.T.: 0.003 min
Response: 106772522
Conc: 485.86 ng/ml



#17 AR-1242-2

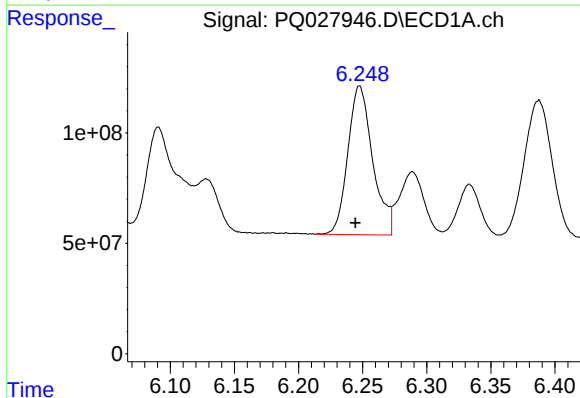
R.T.: 5.797 min
Delta R.T.: 0.004 min
Response: 1901885553
Conc: 505.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



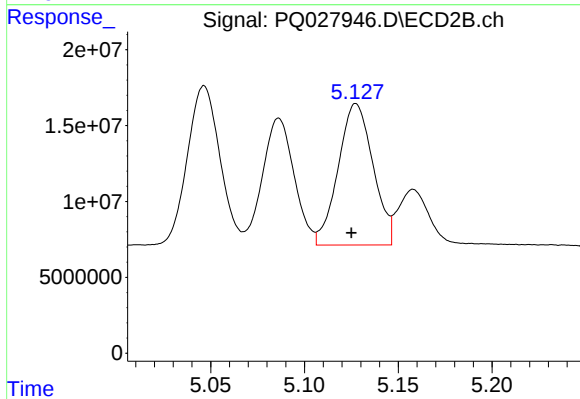
#17 AR-1242-2

R.T.: 4.872 min
Delta R.T.: 0.002 min
Response: 242363915
Conc: 484.22 ng/ml



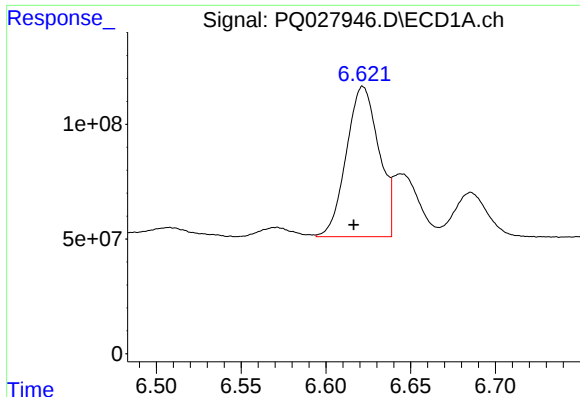
#18 AR-1242-3

R.T.: 6.248 min
Delta R.T.: 0.003 min
Response: 910124133
Conc: 496.30 ng/ml



#18 AR-1242-3

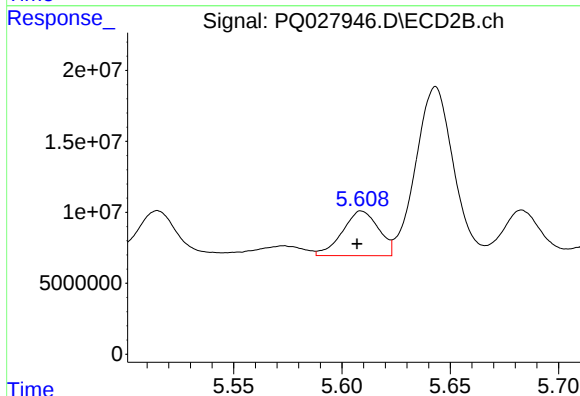
R.T.: 5.127 min
Delta R.T.: 0.002 min
Response: 120727751
Conc: 475.66 ng/ml



#19 AR-1242-4

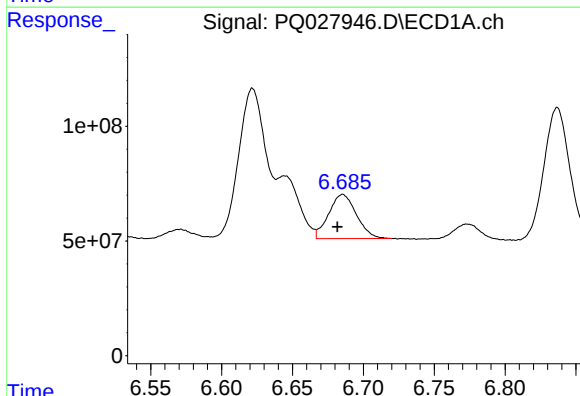
R.T.: 6.622 min
Delta R.T.: 0.005 min
Response: 874489932
Conc: 609.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



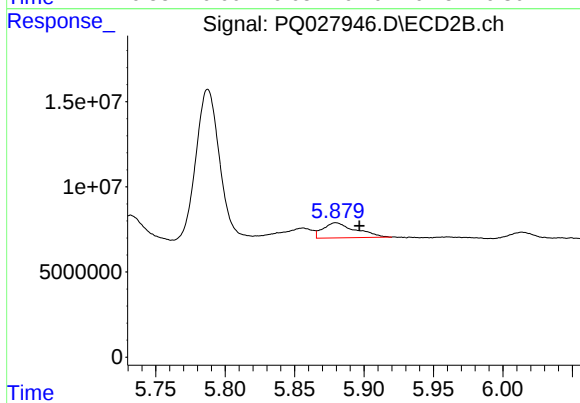
#19 AR-1242-4

R.T.: 5.609 min
Delta R.T.: 0.002 min
Response: 36707014
Conc: 201.16 ng/ml



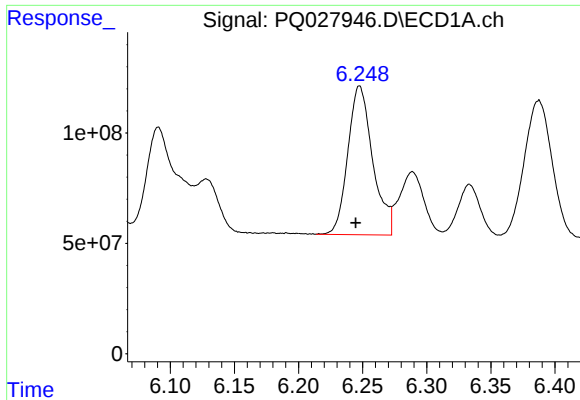
#20 AR-1242-5

R.T.: 6.685 min
Delta R.T.: 0.004 min
Response: 261656885
Conc: 125.01 ng/ml



#20 AR-1242-5

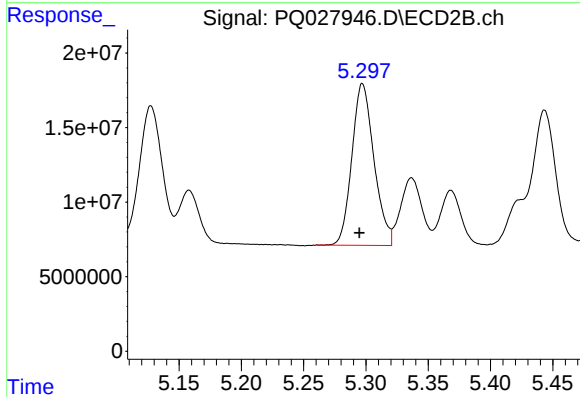
R.T.: 5.880 min
Delta R.T.: -0.017 min
Response: 14584179
Conc: 76.42 ng/ml



#21 AR-1248-1

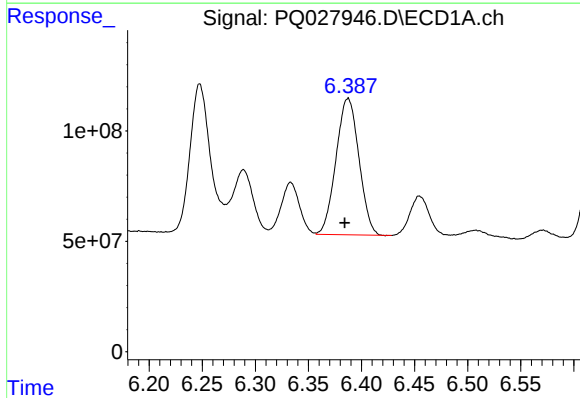
R.T.: 6.248 min
Delta R.T.: 0.003 min
Response: 910124133
Conc: 257.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



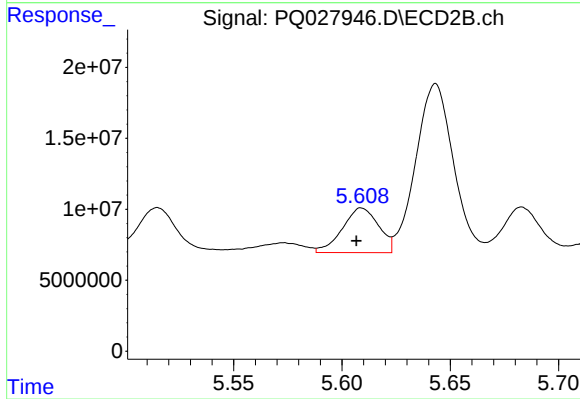
#21 AR-1248-1

R.T.: 5.297 min
Delta R.T.: 0.002 min
Response: 133994794
Conc: 258.46 ng/ml



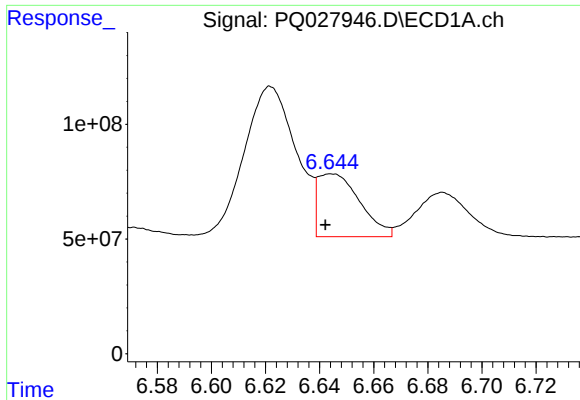
#22 AR-1248-2

R.T.: 6.387 min
Delta R.T.: 0.003 min
Response: 929470919
Conc: 306.81 ng/ml



#22 AR-1248-2

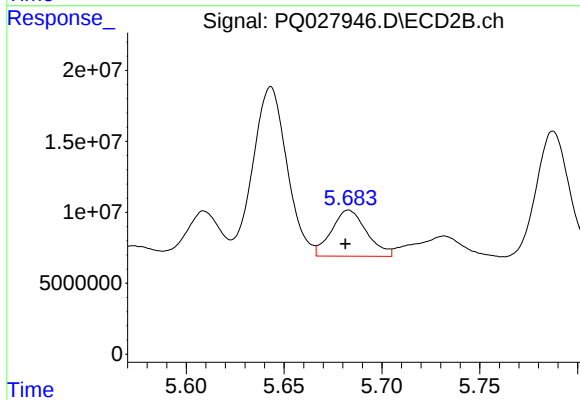
R.T.: 5.609 min
Delta R.T.: 0.002 min
Response: 36707014
Conc: 114.89 ng/ml



#23 AR-1248-3

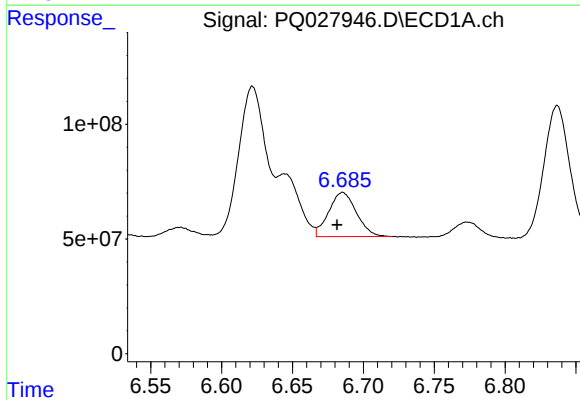
R.T.: 6.644 min
Delta R.T.: 0.002 min
Response: 295528041
Conc: 69.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



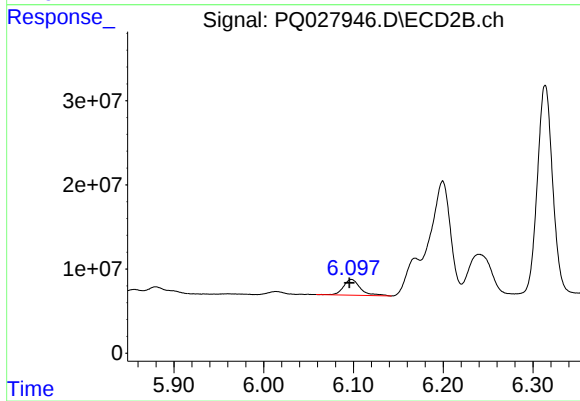
#23 AR-1248-3

R.T.: 5.683 min
Delta R.T.: 0.002 min
Response: 40799188
Conc: 71.10 ng/ml



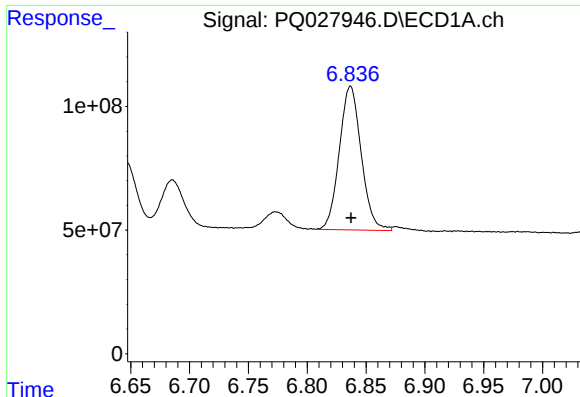
#24 AR-1248-4

R.T.: 6.685 min
Delta R.T.: 0.004 min
Response: 261656885
Conc: 65.70 ng/ml



#24 AR-1248-4

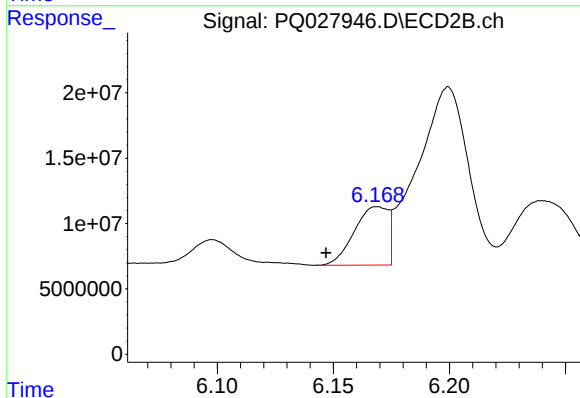
R.T.: 6.098 min
Delta R.T.: 0.002 min
Response: 24543240
Conc: 99.44 ng/ml



#25 AR-1248-5

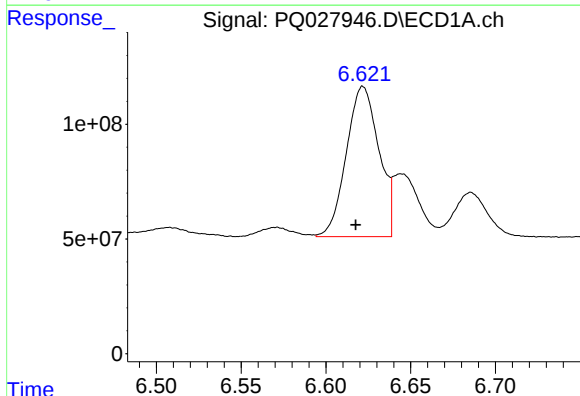
R.T.: 6.837 min
Delta R.T.: 0.000 min
Response: 752569651
Conc: 182.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



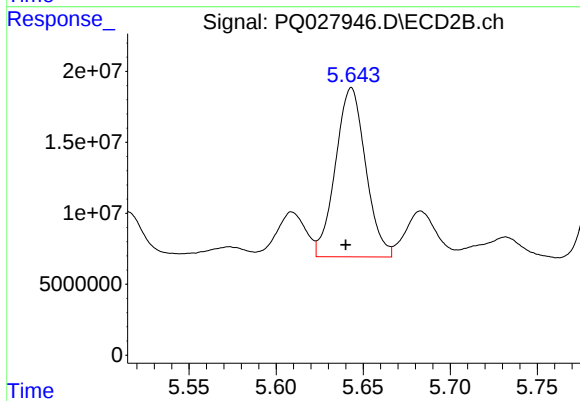
#25 AR-1248-5

R.T.: 6.169 min
Delta R.T.: 0.022 min
Response: 45163472
Conc: 312.06 ng/ml



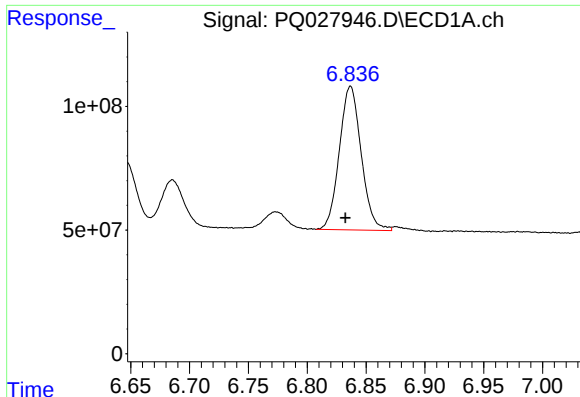
#26 AR-1254-1

R.T.: 6.622 min
Delta R.T.: 0.004 min
Response: 874489932
Conc: 216.47 ng/ml



#26 AR-1254-1

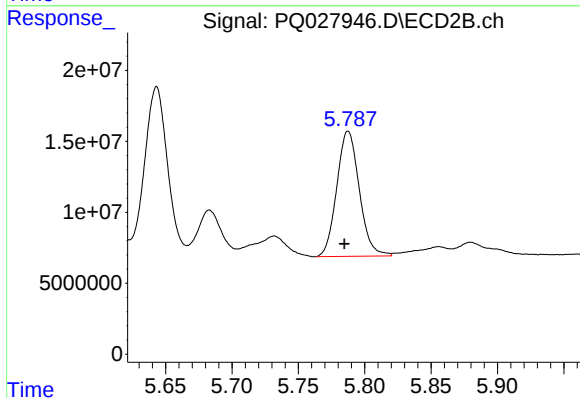
R.T.: 5.643 min
Delta R.T.: 0.003 min
Response: 143963286
Conc: 182.25 ng/ml



#27 AR-1254-2

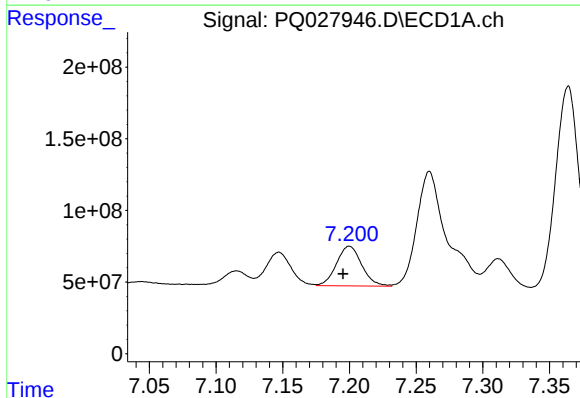
R.T.: 6.837 min
Delta R.T.: 0.004 min
Response: 752569651
Conc: 120.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



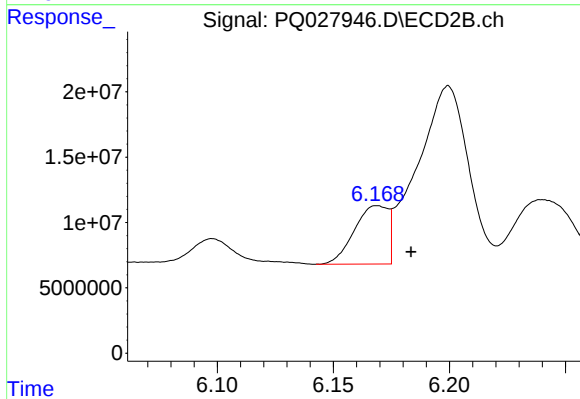
#27 AR-1254-2

R.T.: 5.787 min
Delta R.T.: 0.003 min
Response: 104305275
Conc: 151.71 ng/ml



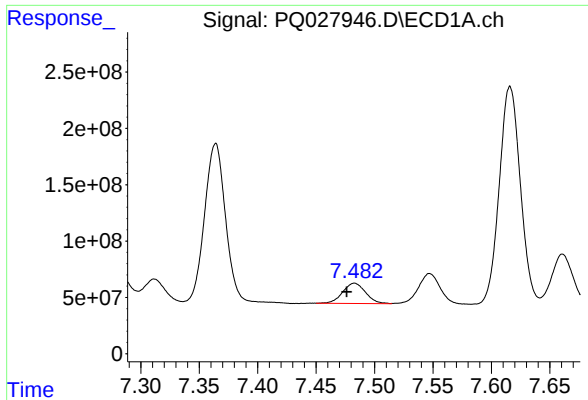
#28 AR-1254-3

R.T.: 7.200 min
Delta R.T.: 0.005 min
Response: 365873640
Conc: 54.87 ng/ml



#28 AR-1254-3

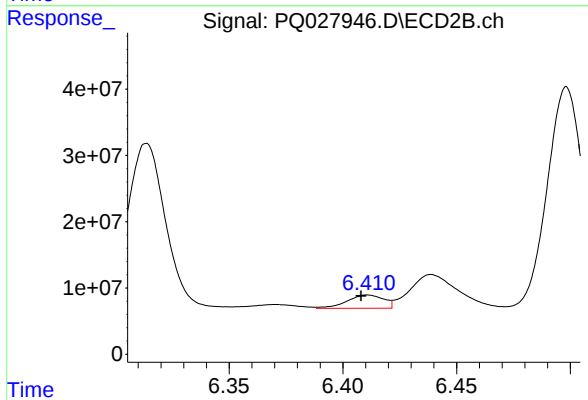
R.T.: 6.169 min
Delta R.T.: -0.015 min
Response: 45163472
Conc: 37.05 ng/ml



#29 AR-1254-4

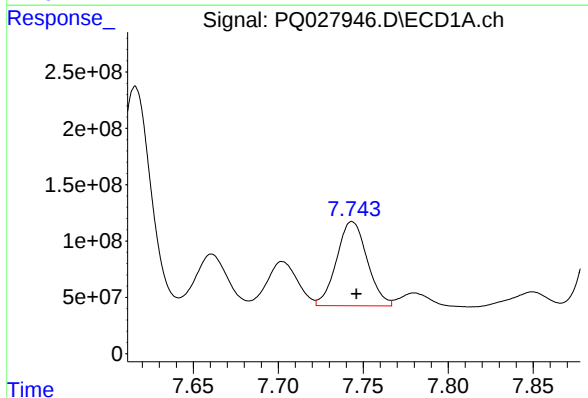
R.T.: 7.483 min
Delta R.T.: 0.007 min
Response: 246368027
Conc: 46.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



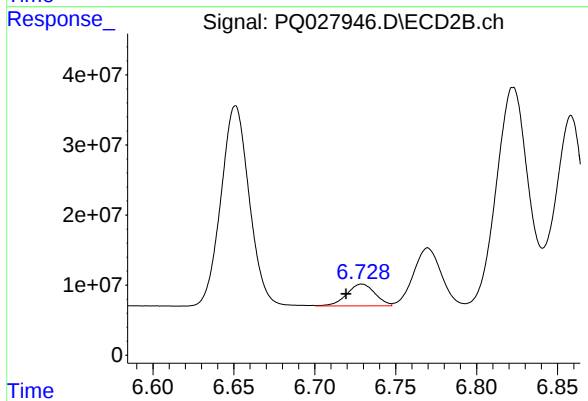
#29 AR-1254-4

R.T.: 6.411 min
Delta R.T.: 0.003 min
Response: 22501811
Conc: 27.07 ng/ml



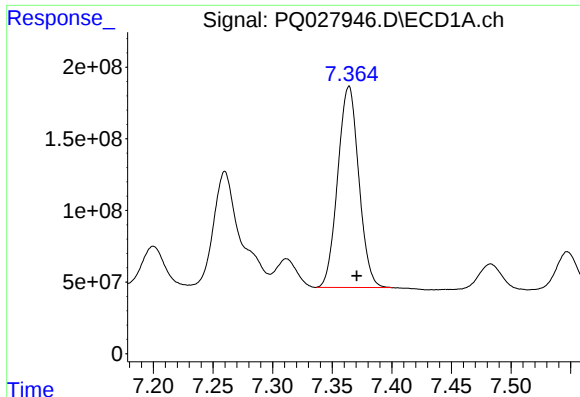
#30 AR-1254-5

R.T.: 7.744 min
Delta R.T.: -0.002 min
Response: 937039055
Conc: 276.47 ng/ml



#30 AR-1254-5

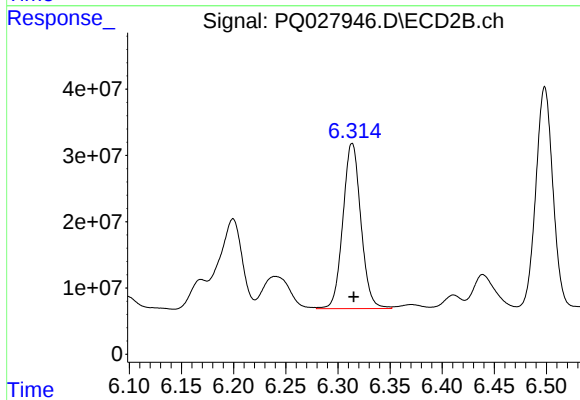
R.T.: 6.729 min
Delta R.T.: 0.010 min
Response: 37859448
Conc: 64.87 ng/ml



#31 AR-1260-1

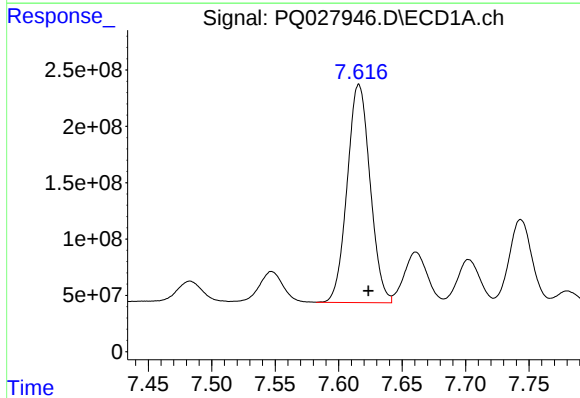
R.T.: 7.364 min
Delta R.T.: -0.007 min
Response: 1726633213
Conc: 414.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



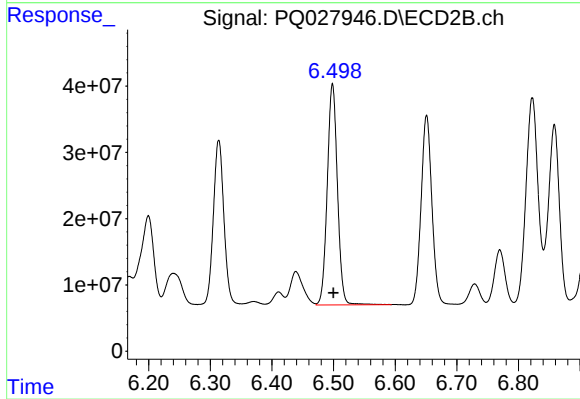
#31 AR-1260-1

R.T.: 6.314 min
Delta R.T.: -0.001 min
Response: 299508572
Conc: 405.93 ng/ml



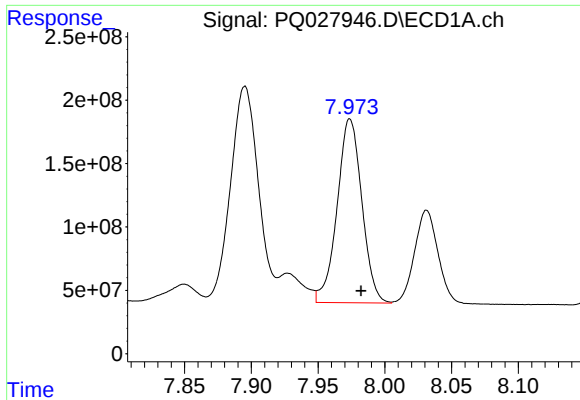
#32 AR-1260-2

R.T.: 7.616 min
Delta R.T.: -0.007 min
Response: 2437359965
Conc: 412.45 ng/ml



#32 AR-1260-2

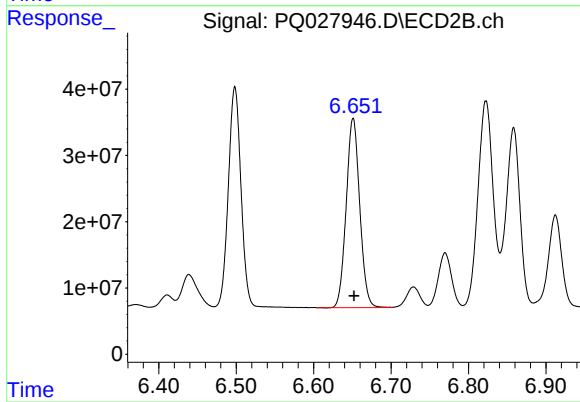
R.T.: 6.498 min
Delta R.T.: -0.002 min
Response: 383077781
Conc: 400.72 ng/ml



#33 AR-1260-3

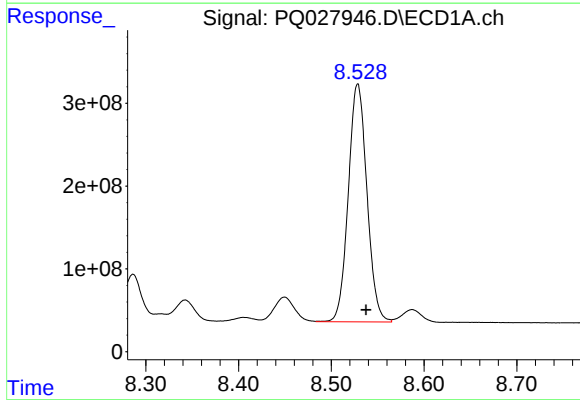
R.T.: 7.974 min
Delta R.T.: -0.008 min
Response: 1872609806
Conc: 386.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



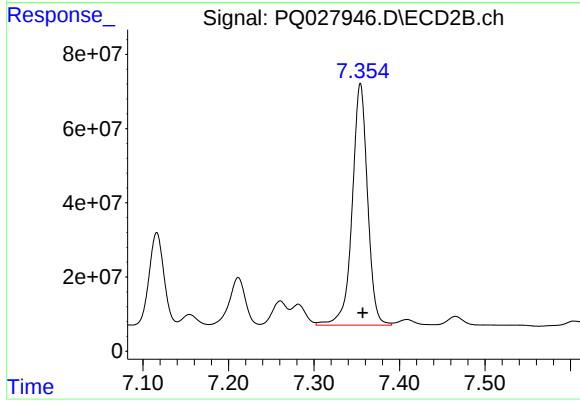
#33 AR-1260-3

R.T.: 6.651 min
Delta R.T.: -0.001 min
Response: 346984279
Conc: 399.36 ng/ml



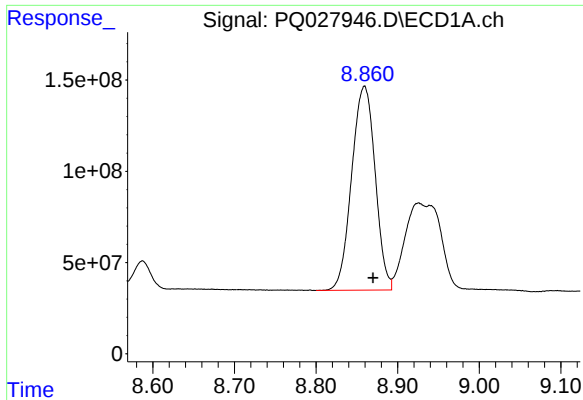
#34 AR-1260-4

R.T.: 8.528 min
Delta R.T.: -0.009 min
Response: 4009142021
Conc: 371.25 ng/ml



#34 AR-1260-4

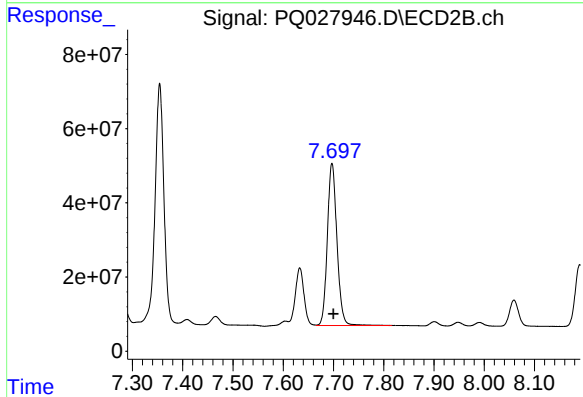
R.T.: 7.354 min
Delta R.T.: -0.003 min
Response: 814029371
Conc: 401.04 ng/ml



#35 AR-1260-5

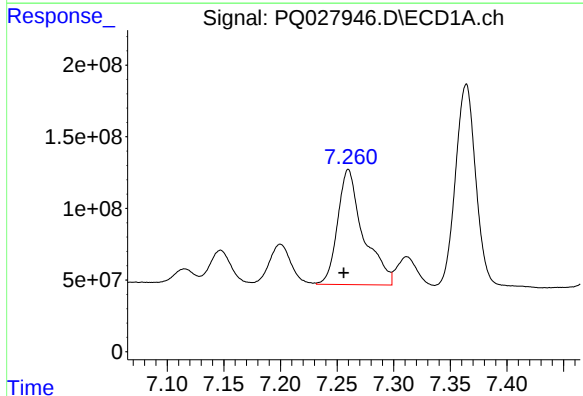
R.T.: 8.859 min
Delta R.T.: -0.010 min
Response: 2233437657
Conc: 369.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



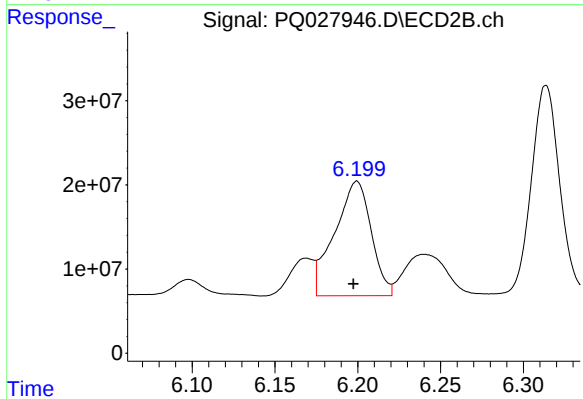
#35 AR-1260-5

R.T.: 7.697 min
Delta R.T.: -0.003 min
Response: 580068979
Conc: 391.78 ng/ml



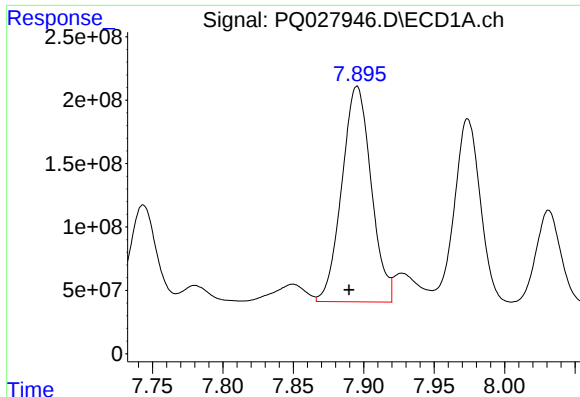
#36 AR-1262-1

R.T.: 7.260 min
Delta R.T.: 0.004 min
Response: 1267655866
Conc: 392.75 ng/ml



#36 AR-1262-1

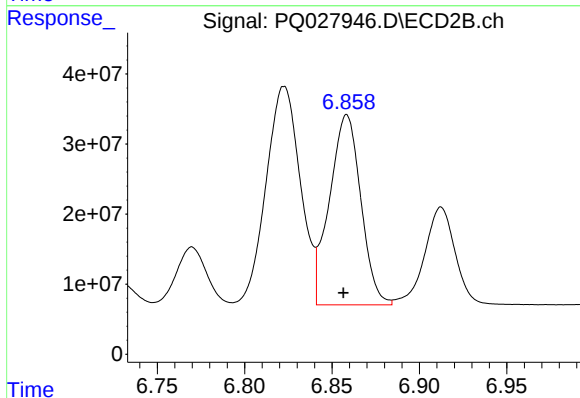
R.T.: 6.199 min
Delta R.T.: 0.002 min
Response: 208930407
Conc: 441.55 ng/ml



#37 AR-1262-2

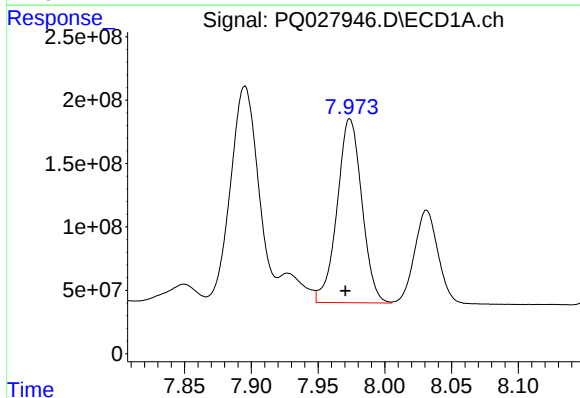
R.T.: 7.895 min
Delta R.T.: 0.006 min
Response: 2463754817
Conc: 539.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



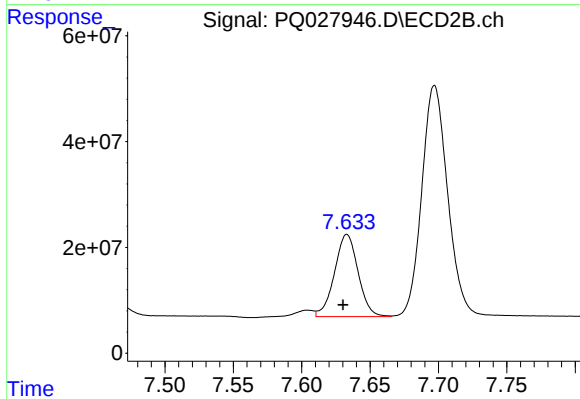
#37 AR-1262-2

R.T.: 6.858 min
Delta R.T.: 0.002 min
Response: 339629657
Conc: 254.20 ng/ml



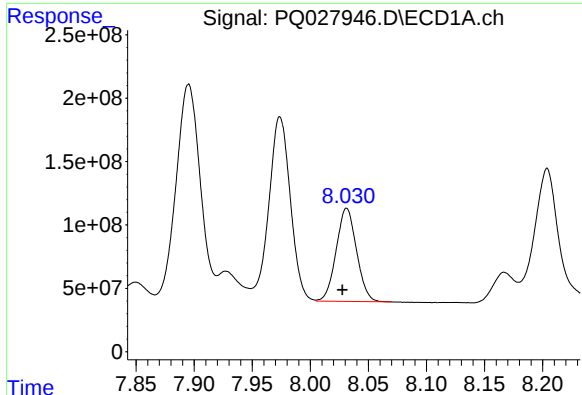
#38 AR-1262-3

R.T.: 7.974 min
Delta R.T.: 0.003 min
Response: 1872609806
Conc: 229.51 ng/ml



#38 AR-1262-3

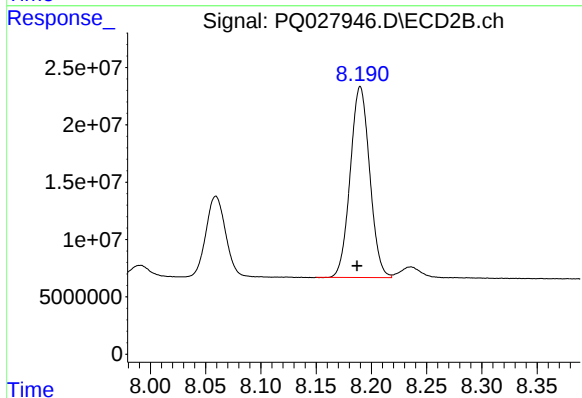
R.T.: 7.633 min
Delta R.T.: 0.003 min
Response: 186562928
Conc: 176.87 ng/ml



#39 AR-1262-4

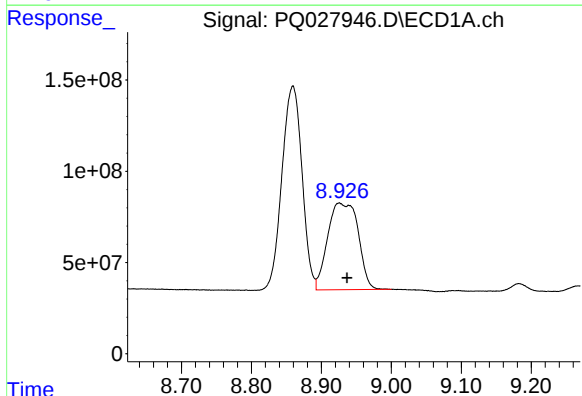
R.T.: 8.031 min
Delta R.T.: 0.004 min
Response: 896494017
Conc: 296.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



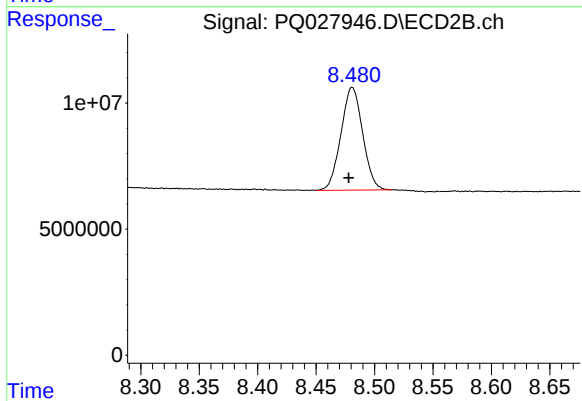
#39 AR-1262-4

R.T.: 8.190 min
Delta R.T.: 0.003 min
Response: 204130964
Conc: 214.79 ng/ml



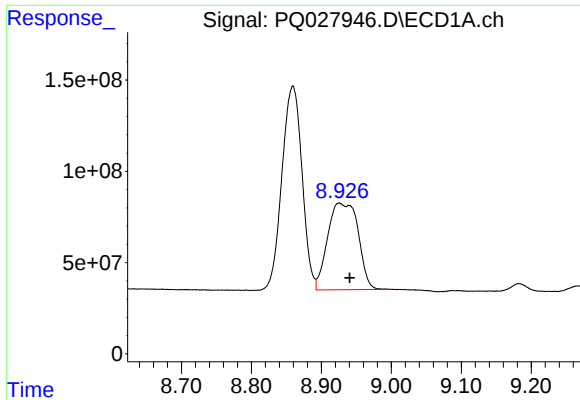
#40 AR-1262-5

R.T.: 8.926 min
Delta R.T.: -0.011 min
Response: 1438072051
Conc: 206.41 ng/ml



#40 AR-1262-5

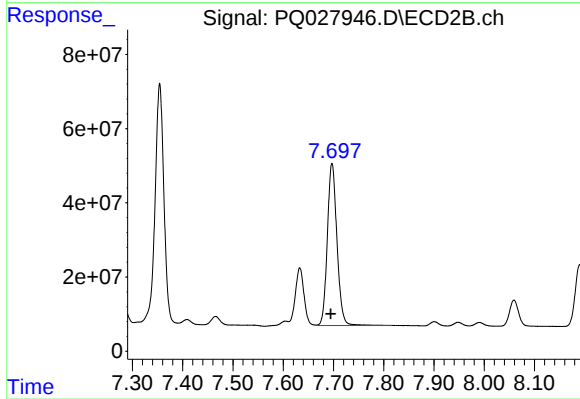
R.T.: 8.481 min
Delta R.T.: 0.003 min
Response: 52713176
Conc: 152.52 ng/ml



#41 AR-1268-1

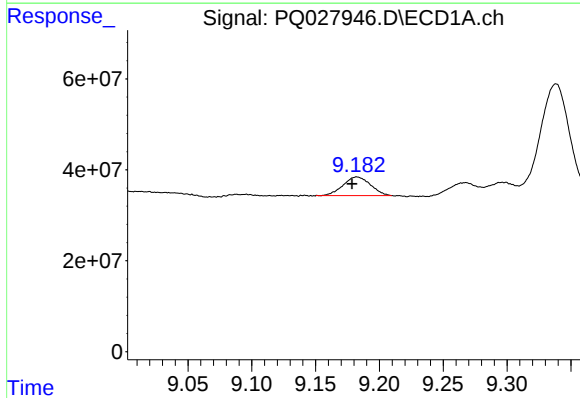
R.T.: 8.926 min
Delta R.T.: -0.015 min
Response: 1438072051
Conc: 93.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



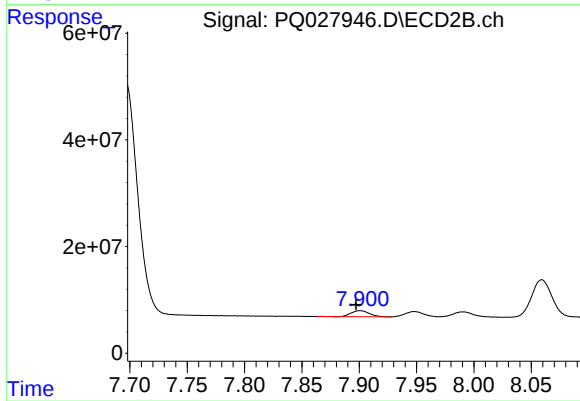
#41 AR-1268-1

R.T.: 7.697 min
Delta R.T.: 0.002 min
Response: 580068979
Conc: 192.87 ng/ml



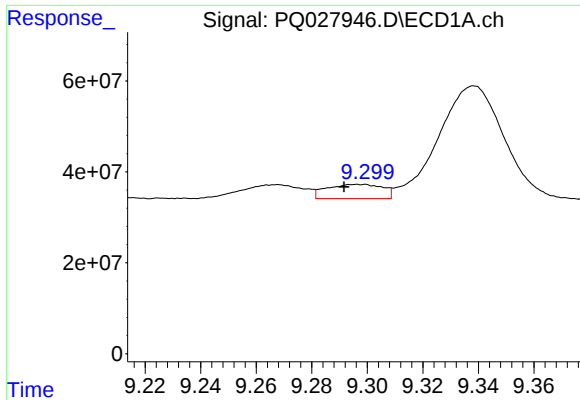
#42 AR-1268-2

R.T.: 9.182 min
Delta R.T.: 0.004 min
Response: 61806676
Conc: 4.34 ng/ml



#42 AR-1268-2

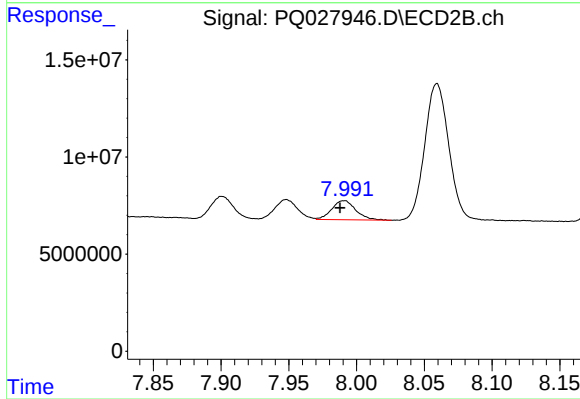
R.T.: 7.901 min
Delta R.T.: 0.004 min
Response: 12329010
Conc: 4.59 ng/ml



#43 AR-1268-3

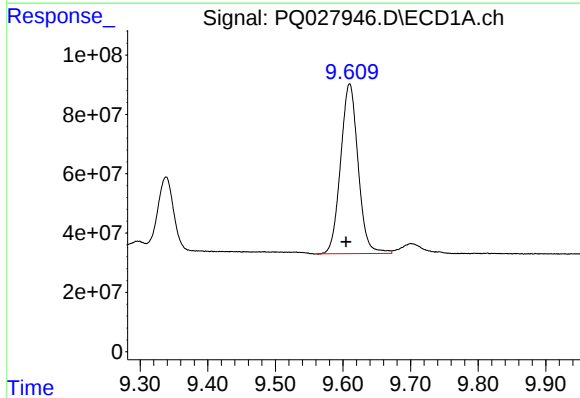
R.T.: 9.297 min
Delta R.T.: 0.005 min
Response: 43730433
Conc: 12.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



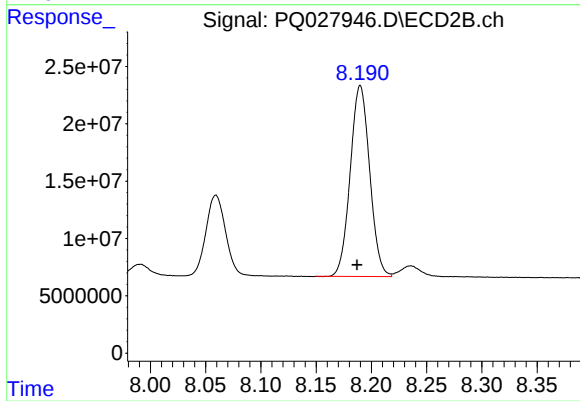
#43 AR-1268-3

R.T.: 7.991 min
Delta R.T.: 0.003 min
Response: 12089813
Conc: 16.84 ng/ml



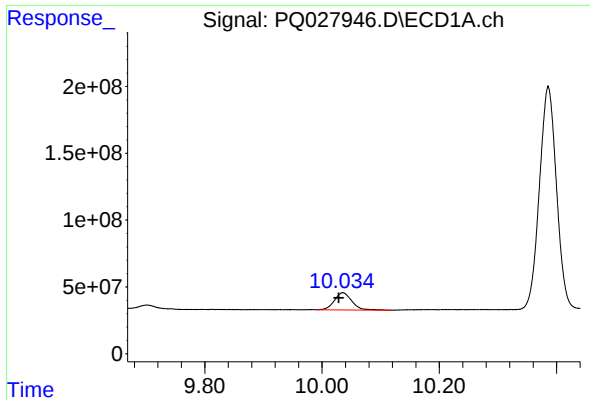
#44 AR-1268-4

R.T.: 9.610 min
Delta R.T.: 0.005 min
Response: 1029098685
Conc: 198.65 ng/ml



#44 AR-1268-4

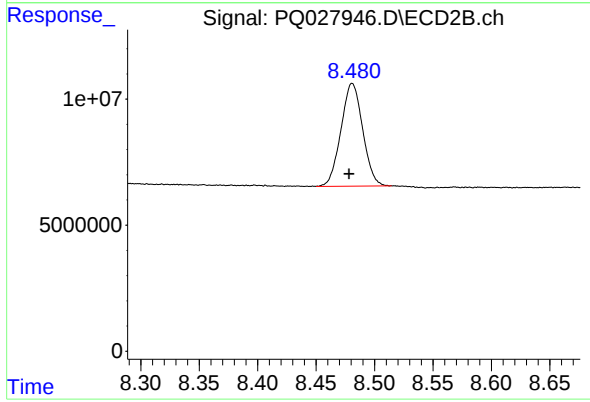
R.T.: 8.190 min
Delta R.T.: 0.003 min
Response: 204130964
Conc: 193.93 ng/ml



#45 AR-1268-5

R.T.: 10.036 min
Delta R.T.: 0.007 min
Response: 269132909
Conc: 6.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.481 min
Delta R.T.: 0.003 min
Response: 52713176
Conc: 6.71 ng/ml