

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111419\
 Data File : PQ044987.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2019 08:49
 Operator : SM\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1254312

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 11:40:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 03:35:55 2019
 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...	5.105	4.308	118.8E6	75404782	14.967	15.992
2) SA Decachlor...	11.174	9.724	221.9E6	213.0E6	32.046	31.392
Target Compounds						
3) L1 AR-1016-1	6.420	5.586	2261220	2023124	8.998	10.985
4) L1 AR-1016-2	6.444	5.607	3240653	1371116	8.570	5.189 #
5) L1 AR-1016-3	6.444	5.805	3240653	994375	13.958	7.705 #
6) L1 AR-1016-4	6.616	5.852	1568130	45636936	8.283	420.272 #
7) L1 AR-1016-5	6.931	6.086	34641216	27372723	177.607	179.161
9) L2 AR-1221-2	5.457	4.670	1557654	1272170	26.530	32.223
10) L2 AR-1221-3	0.000	4.761	0	815152	N.D.	6.236 #
11) L3 AR-1232-1	0.000	4.761	0	815152	N.D.	7.067 #
12) L3 AR-1232-2	0.000	5.607	0	1371116	N.D.	11.024 #
13) L3 AR-1232-3	6.444	5.805	3240653	994375	18.354	16.791
14) L3 AR-1232-4	6.616	5.896	1568130	13697786	17.724	227.862 #
15) L3 AR-1232-5	6.713	6.086	58514884	27372723	882.045	375.828 #
16) L4 AR-1242-1	6.420	5.586	2261220	2023124	10.520	12.904
17) L4 AR-1242-2	6.444	5.607	3240653	1371116	10.077	6.128 #
18) L4 AR-1242-3	6.444	5.805	3240653	994375	16.333	8.947 #
19) L4 AR-1242-4	6.616	5.896	1568130	13697786	9.712	114.871 #
20) L4 AR-1242-5	7.400	6.468	32721980	121.5E6	180.820	740.048 #
21) L5 AR-1248-1	6.420	5.586	2261220	2023124	13.426	16.256
22) L5 AR-1248-2	6.713	5.852	58514884	45636936	238.901	268.091
23) L5 AR-1248-3	6.931	5.896	34641216	13697786	127.284	76.592 #
24) L5 AR-1248-4	7.358	6.086	51480809	27372723	169.978	125.752 #
25) L5 AR-1248-5	7.400	6.512	32721980	14574122	114.393	65.358 #
26) L6 AR-1254-1	7.329	6.468	105.9E6	121.5E6	327.247	334.041
27) L6 AR-1254-2	7.557	6.626	160.6E6	109.6E6	323.441	340.143
28) L6 AR-1254-3	7.939	7.054	171.4E6	187.2E6	321.933	337.467
29) L6 AR-1254-4	8.234	7.293	121.7E6	122.0E6	315.034	341.291
30) L6 AR-1254-5	8.665	7.728	140.8E6	174.3E6	325.839	348.656
31) L7 AR-1260-1	8.108	7.190	65083752	89113366	208.385	290.866 #
32) L7 AR-1260-2	8.371	7.386	75680208	75451585	184.840	191.087
33) L7 AR-1260-3	8.728	7.546	19173256	75295121	58.727	219.783 #
34) L7 AR-1260-4	8.965	8.033	56391287	8228135	148.293	26.832 #
35) L7 AR-1260-5	9.305	8.279	18941443	18884071	24.606	24.129
36) L8 AR-1262-1	8.799	7.728	5279115	174.3E6	25.308	688.819 #
37) L8 AR-1262-2	9.305	8.279	18941443	18884071	20.972	19.138
38) L8 AR-1262-3	9.648	8.567	15527507	1089974	25.460	2.829 #
39) L8 AR-1262-4	9.698	8.633	3976824	19957651	8.753	27.090 #
40) L8 AR-1262-5	0.000	9.146	0	1093549	N.D.	3.141 #
41) L9 AR-1268-1	9.648	8.567	15527507	1089974	13.905	0.906 #
42) L9 AR-1268-2	9.698	8.633	3976824	19957651	3.912	17.922 #
43) L9 AR-1268-3	0.000	8.844	0	2733621	N.D.	2.939 #

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 Acq On : 14 Nov 2019 08:49
 Operator : SM\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

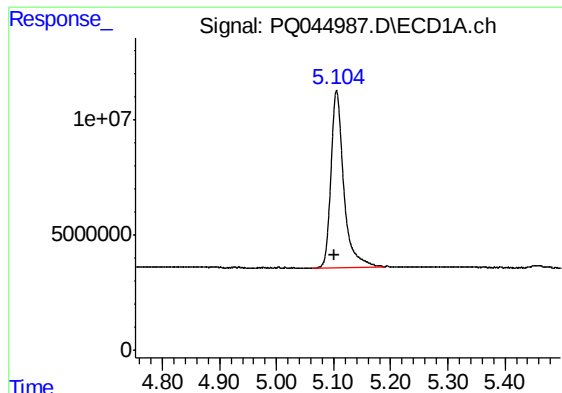
Instrument :
 ECD_Q
 ClientSampleId :
 AR1254312

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 11:40:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 03:35:55 2019
 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
44) L9	AR-1268-4	0.000	9.146	0	1093549	N.D.	2.715 #
45) L9	AR-1268-5	0.000	9.455	0	2006513	N.D.	0.664 #

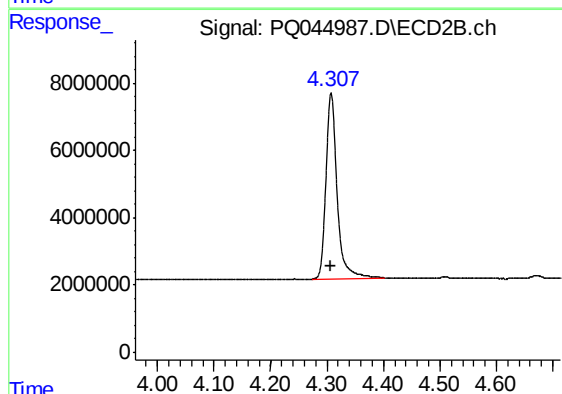
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

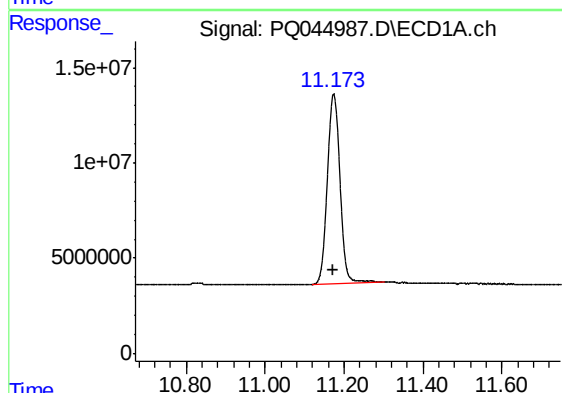
R.T.: 5.105 min
Delta R.T.: 0.003 min
Response: 118807533
Conc: 14.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254312



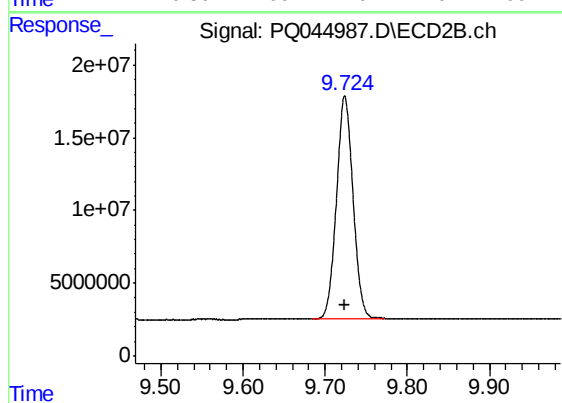
#1 Tetrachloro-m-xylene

R.T.: 4.308 min
Delta R.T.: 0.000 min
Response: 75404782
Conc: 15.99 ng/ml



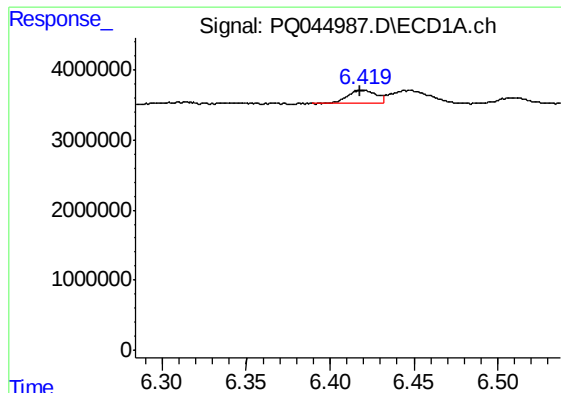
#2 Decachlorobiphenyl

R.T.: 11.174 min
Delta R.T.: 0.002 min
Response: 221947644
Conc: 32.05 ng/ml



#2 Decachlorobiphenyl

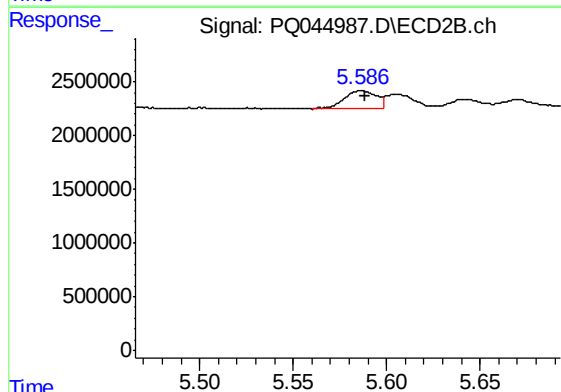
R.T.: 9.724 min
Delta R.T.: 0.000 min
Response: 212998271
Conc: 31.39 ng/ml



#3 AR-1016-1

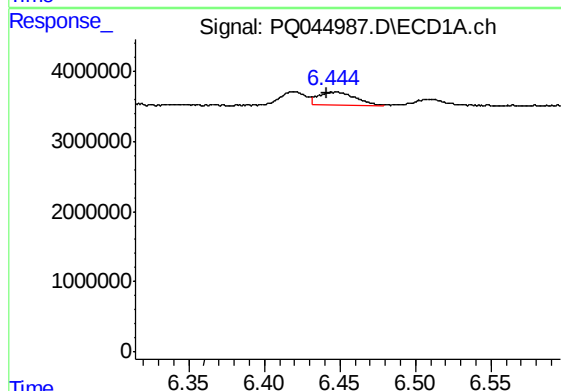
R.T.: 6.420 min
Delta R.T.: 0.002 min
Response: 2261220
Conc: 9.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254312



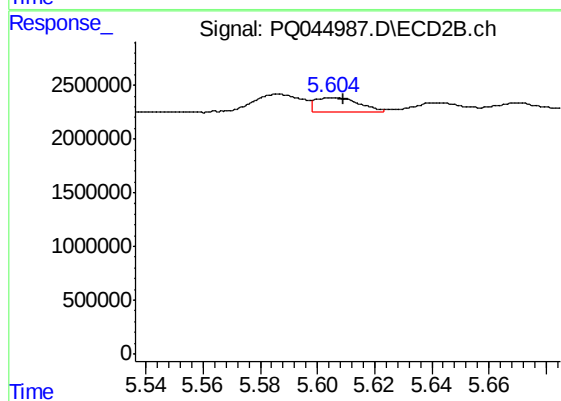
#3 AR-1016-1

R.T.: 5.586 min
Delta R.T.: -0.003 min
Response: 2023124
Conc: 10.98 ng/ml



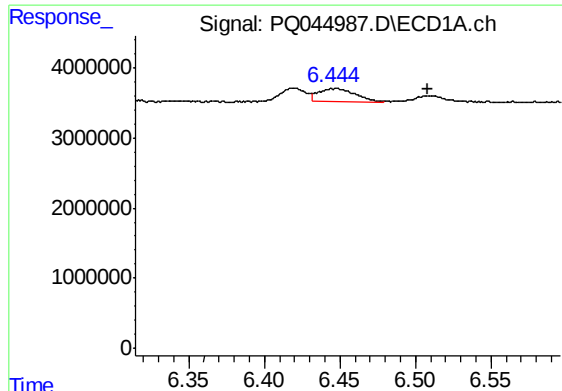
#4 AR-1016-2

R.T.: 6.444 min
Delta R.T.: 0.003 min
Response: 3240653
Conc: 8.57 ng/ml



#4 AR-1016-2

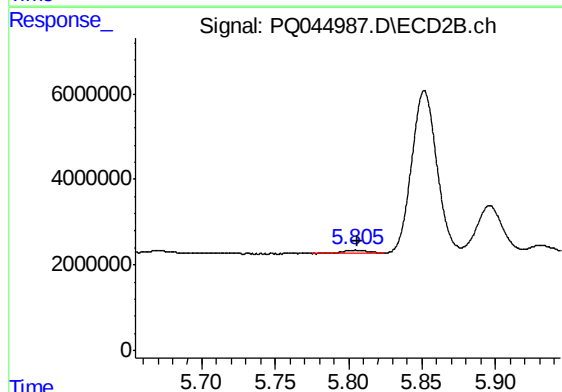
R.T.: 5.607 min
Delta R.T.: -0.002 min
Response: 1371116
Conc: 5.19 ng/ml



#5 AR-1016-3

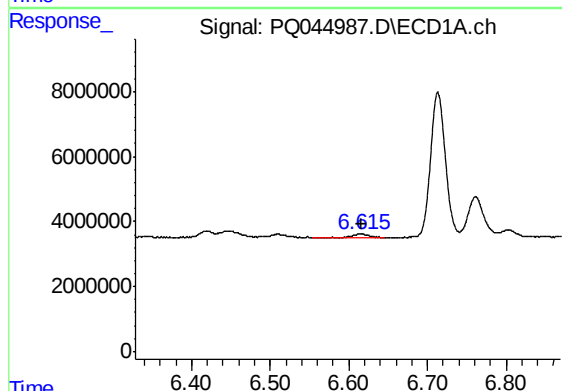
R.T.: 6.444 min
Delta R.T.: -0.064 min
Response: 3240653
Conc: 13.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254312



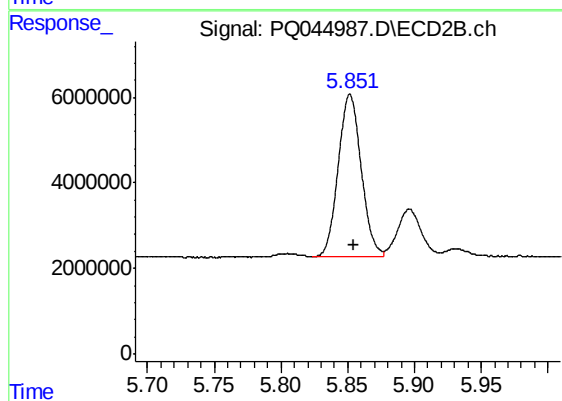
#5 AR-1016-3

R.T.: 5.805 min
Delta R.T.: -0.002 min
Response: 994375
Conc: 7.71 ng/ml



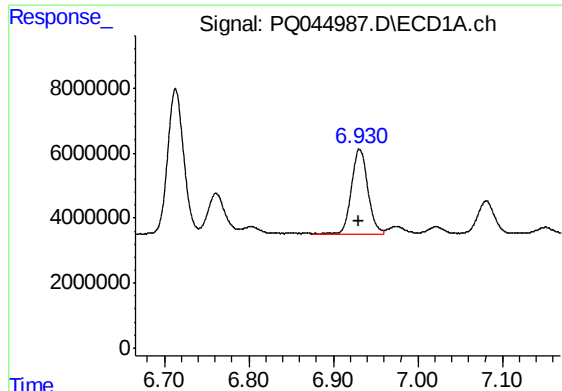
#6 AR-1016-4

R.T.: 6.616 min
Delta R.T.: 0.000 min
Response: 1568130
Conc: 8.28 ng/ml



#6 AR-1016-4

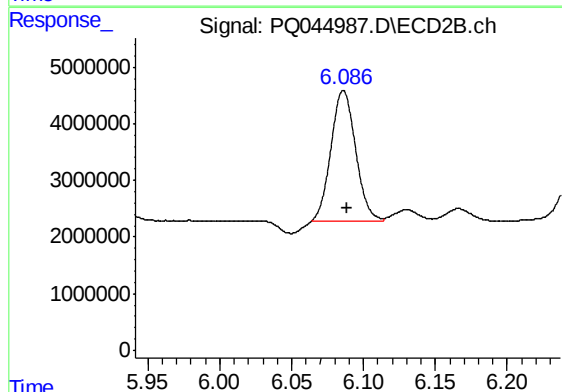
R.T.: 5.852 min
Delta R.T.: -0.003 min
Response: 45636936
Conc: 420.27 ng/ml



#7 AR-1016-5

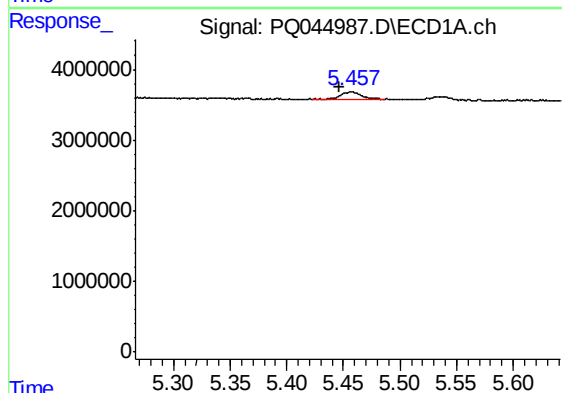
R.T.: 6.931 min
Delta R.T.: 0.000 min
Response: 34641216
Conc: 177.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254312



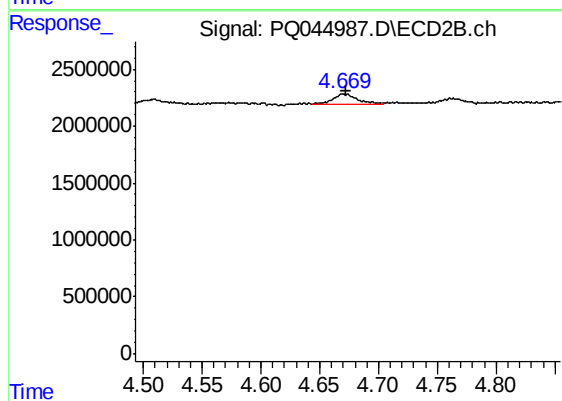
#7 AR-1016-5

R.T.: 6.086 min
Delta R.T.: -0.003 min
Response: 27372723
Conc: 179.16 ng/ml



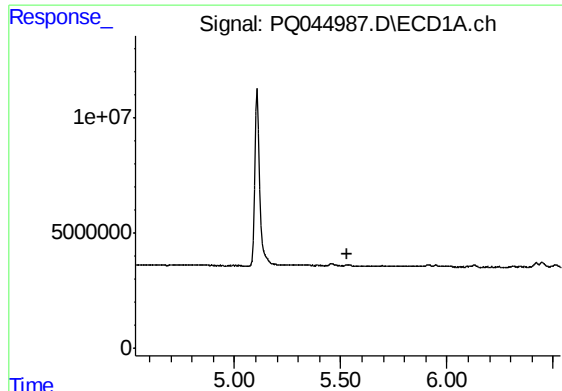
#9 AR-1221-2

R.T.: 5.457 min
Delta R.T.: 0.011 min
Response: 1557654
Conc: 26.53 ng/ml



#9 AR-1221-2

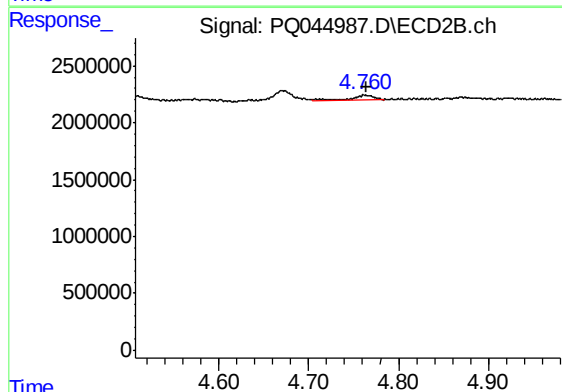
R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 1272170
Conc: 32.22 ng/ml



#10 AR-1221-3

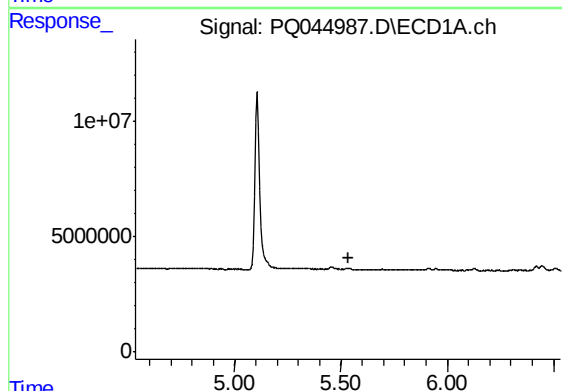
R.T.: 0.000 min
Exp R.T. : 5.533 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254312



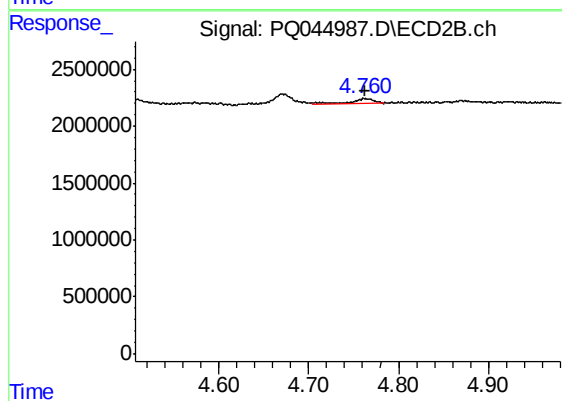
#10 AR-1221-3

R.T.: 4.761 min
Delta R.T.: -0.003 min
Response: 815152
Conc: 6.24 ng/ml



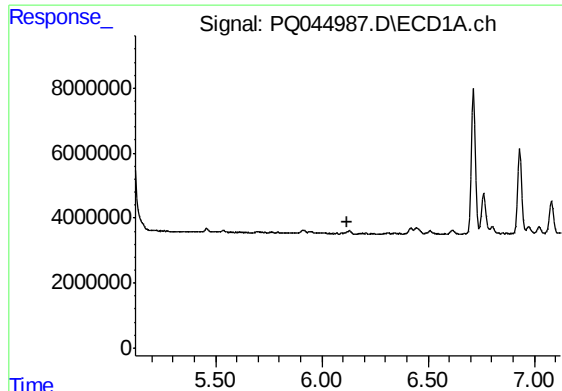
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 5.533 min
Response: 0
Conc: N.D.



#11 AR-1232-1

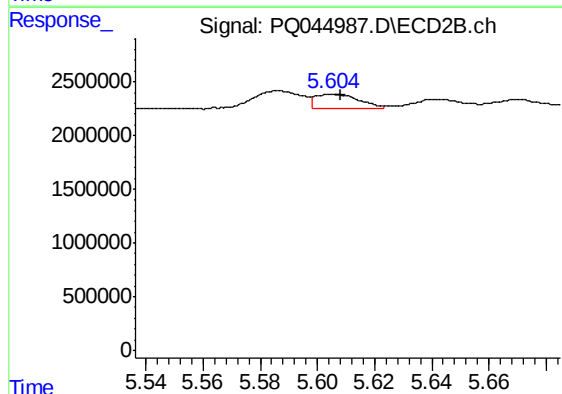
R.T.: 4.761 min
Delta R.T.: -0.002 min
Response: 815152
Conc: 7.07 ng/ml



#12 AR-1232-2

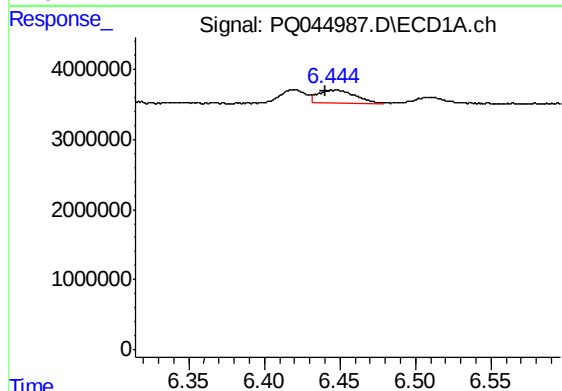
R.T.: 0.000 min
Exp R.T.: 6.123 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254312



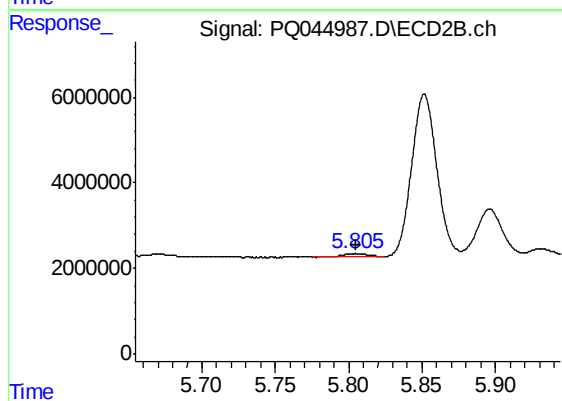
#12 AR-1232-2

R.T.: 5.607 min
Delta R.T.: -0.001 min
Response: 1371116
Conc: 11.02 ng/ml



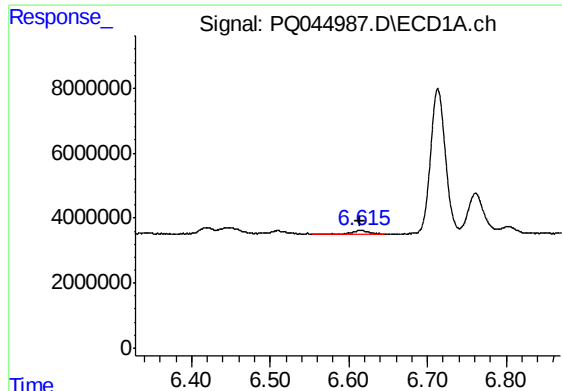
#13 AR-1232-3

R.T.: 6.444 min
Delta R.T.: 0.004 min
Response: 3240653
Conc: 18.35 ng/ml



#13 AR-1232-3

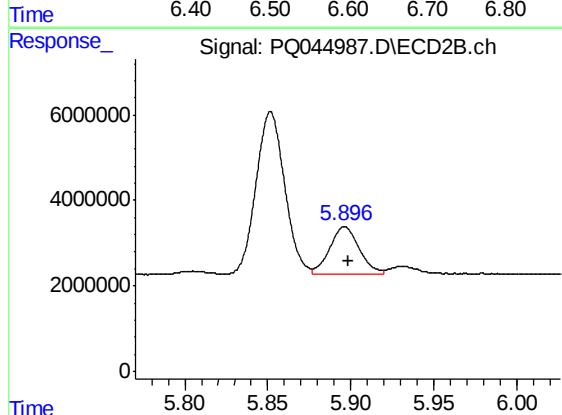
R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 994375
Conc: 16.79 ng/ml



#14 AR-1232-4

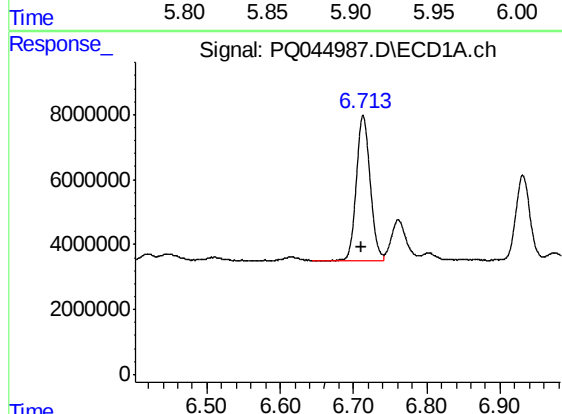
R.T.: 6.616 min
Delta R.T.: 0.002 min
Response: 1568130
Conc: 17.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254312



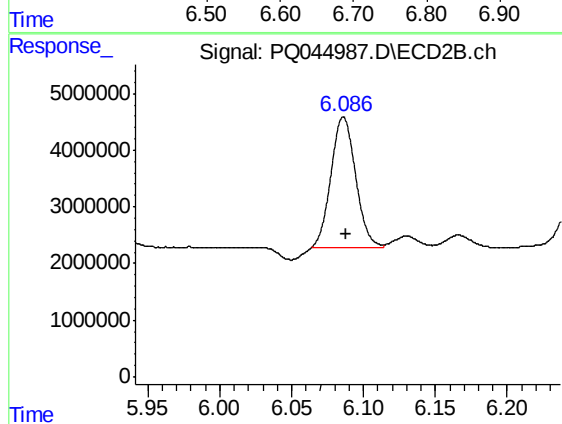
#14 AR-1232-4

R.T.: 5.896 min
Delta R.T.: -0.003 min
Response: 13697786
Conc: 227.86 ng/ml



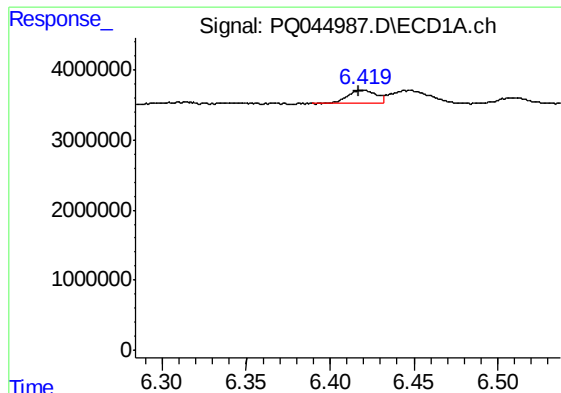
#15 AR-1232-5

R.T.: 6.713 min
Delta R.T.: 0.002 min
Response: 58514884
Conc: 882.04 ng/ml



#15 AR-1232-5

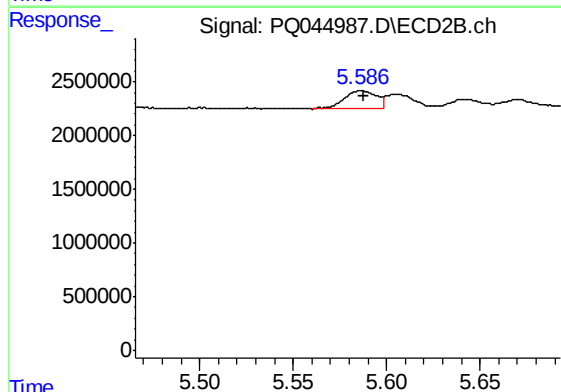
R.T.: 6.086 min
Delta R.T.: -0.001 min
Response: 27372723
Conc: 375.83 ng/ml



#16 AR-1242-1

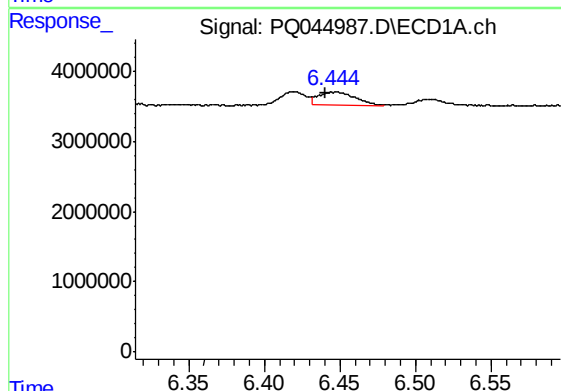
R.T.: 6.420 min
Delta R.T.: 0.003 min
Response: 2261220
Conc: 10.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254312



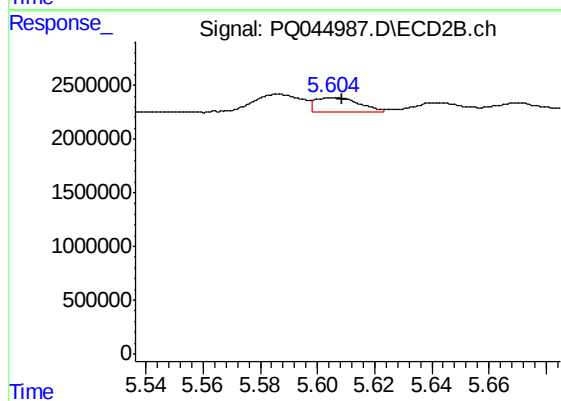
#16 AR-1242-1

R.T.: 5.586 min
Delta R.T.: -0.002 min
Response: 2023124
Conc: 12.90 ng/ml



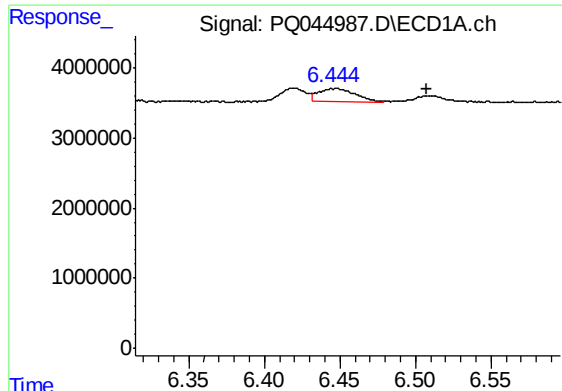
#17 AR-1242-2

R.T.: 6.444 min
Delta R.T.: 0.004 min
Response: 3240653
Conc: 10.08 ng/ml



#17 AR-1242-2

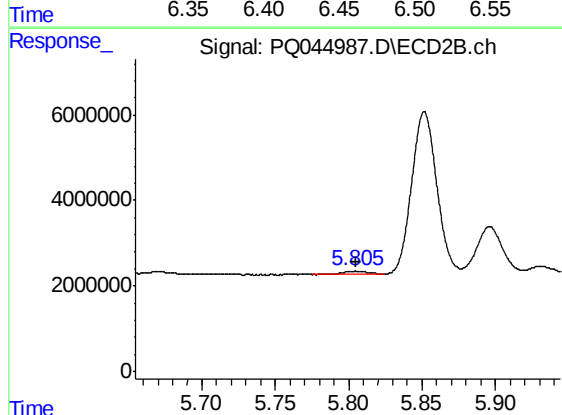
R.T.: 5.607 min
Delta R.T.: -0.002 min
Response: 1371116
Conc: 6.13 ng/ml



#18 AR-1242-3

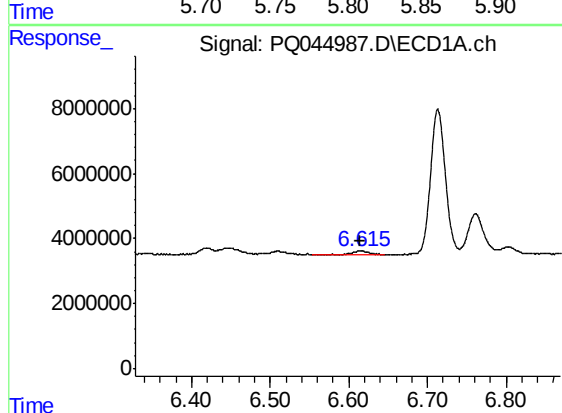
R.T.: 6.444 min
Delta R.T.: -0.063 min
Response: 3240653
Conc: 16.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254312



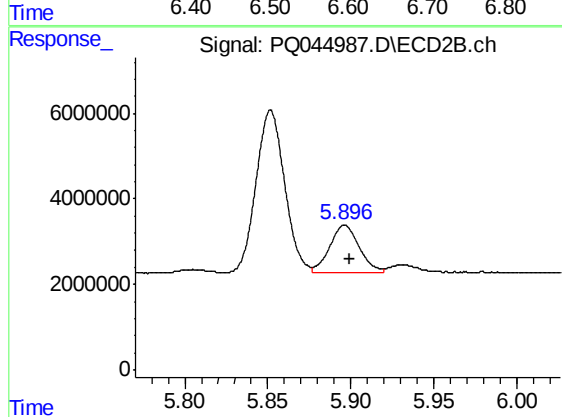
#18 AR-1242-3

R.T.: 5.805 min
Delta R.T.: -0.001 min
Response: 994375
Conc: 8.95 ng/ml



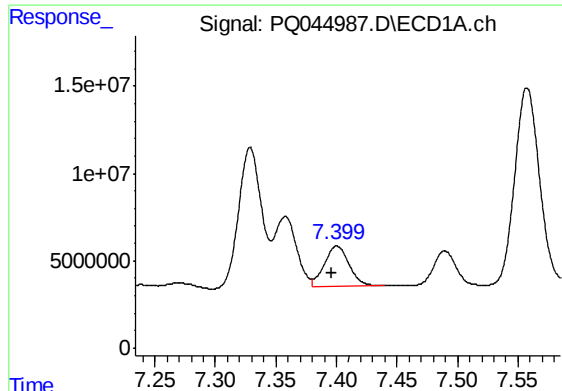
#19 AR-1242-4

R.T.: 6.616 min
Delta R.T.: 0.002 min
Response: 1568130
Conc: 9.71 ng/ml



#19 AR-1242-4

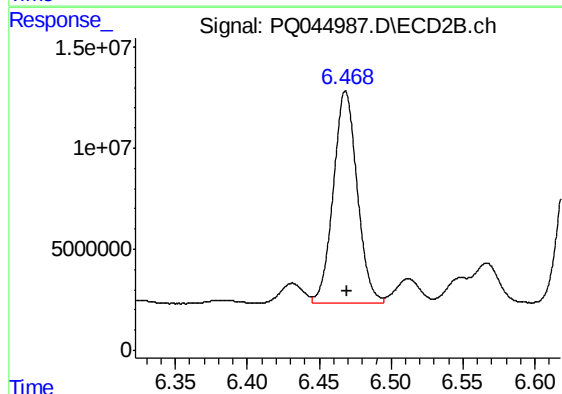
R.T.: 5.896 min
Delta R.T.: -0.003 min
Response: 13697786
Conc: 114.87 ng/ml



#20 AR-1242-5

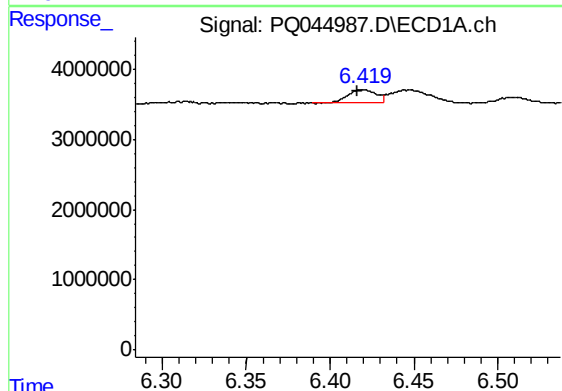
R.T.: 7.400 min
Delta R.T.: 0.004 min
Response: 32721980
Conc: 180.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254312



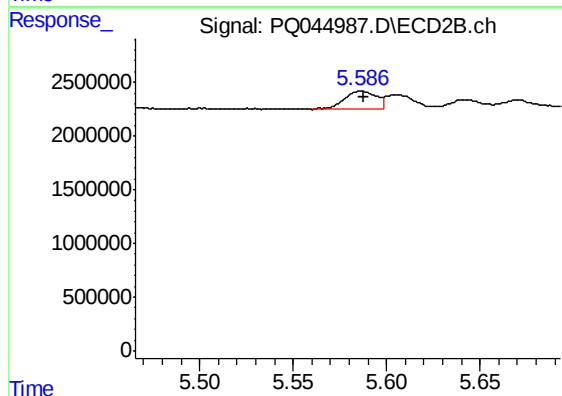
#20 AR-1242-5

R.T.: 6.468 min
Delta R.T.: -0.001 min
Response: 121517761
Conc: 740.05 ng/ml



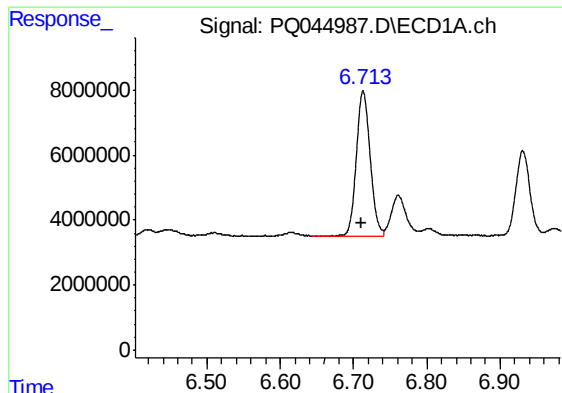
#21 AR-1248-1

R.T.: 6.420 min
Delta R.T.: 0.004 min
Response: 2261220
Conc: 13.43 ng/ml



#21 AR-1248-1

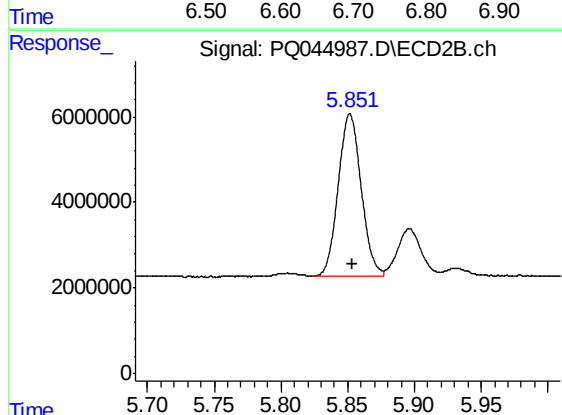
R.T.: 5.586 min
Delta R.T.: -0.002 min
Response: 2023124
Conc: 16.26 ng/ml



#22 AR-1248-2

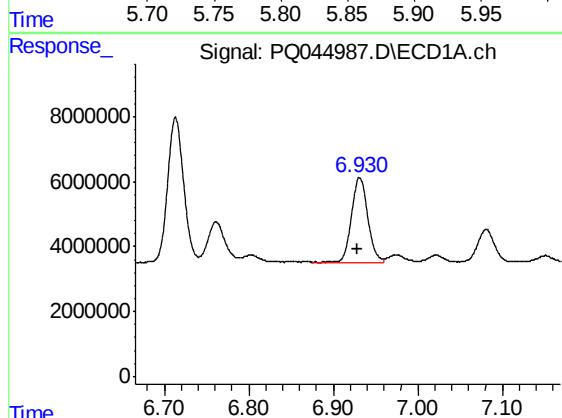
R.T.: 6.713 min
Delta R.T.: 0.002 min
Response: 58514884
Conc: 238.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254312



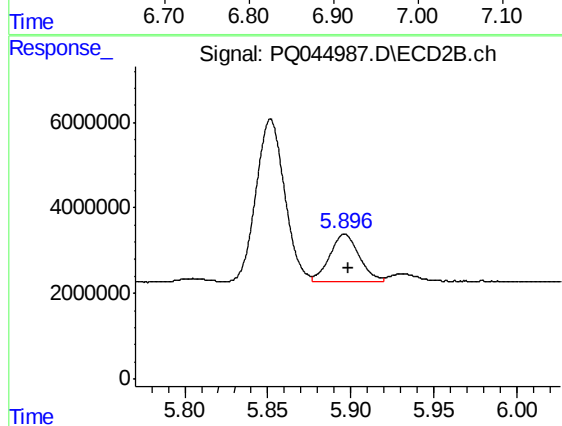
#22 AR-1248-2

R.T.: 5.852 min
Delta R.T.: -0.002 min
Response: 45636936
Conc: 268.09 ng/ml



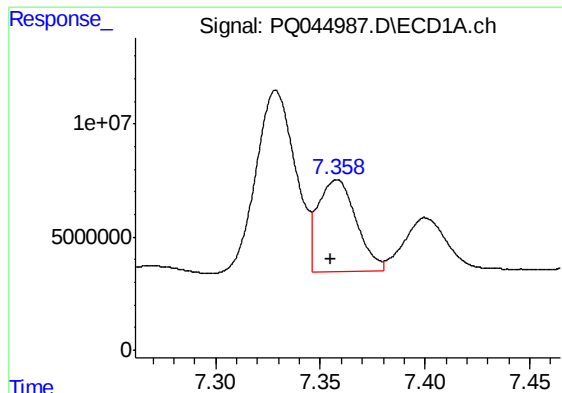
#23 AR-1248-3

R.T.: 6.931 min
Delta R.T.: 0.002 min
Response: 34641216
Conc: 127.28 ng/ml



#23 AR-1248-3

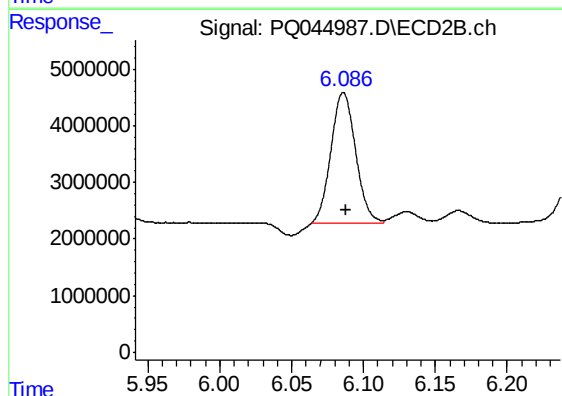
R.T.: 5.896 min
Delta R.T.: -0.002 min
Response: 13697786
Conc: 76.59 ng/ml



#24 AR-1248-4

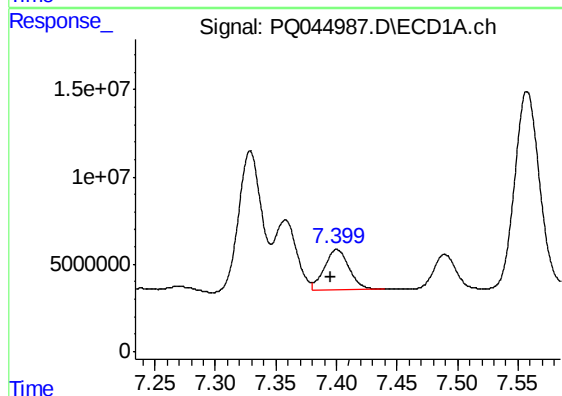
R.T.: 7.358 min
Delta R.T.: 0.003 min
Response: 51480809
Conc: 169.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254312



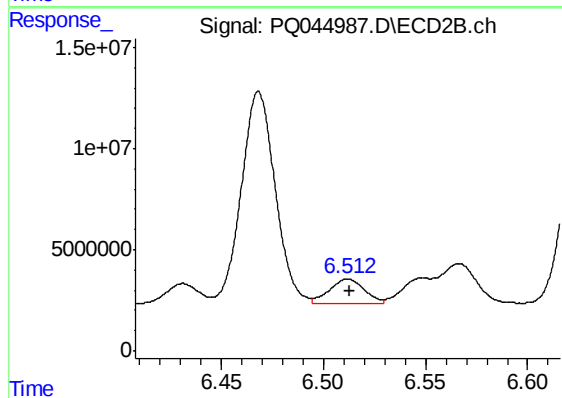
#24 AR-1248-4

R.T.: 6.086 min
Delta R.T.: -0.001 min
Response: 27372723
Conc: 125.75 ng/ml



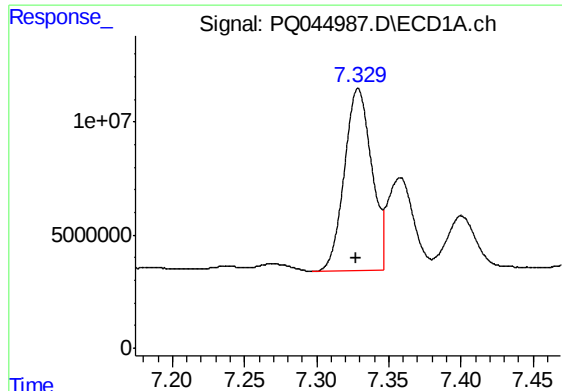
#25 AR-1248-5

R.T.: 7.400 min
Delta R.T.: 0.005 min
Response: 32721980
Conc: 114.39 ng/ml



#25 AR-1248-5

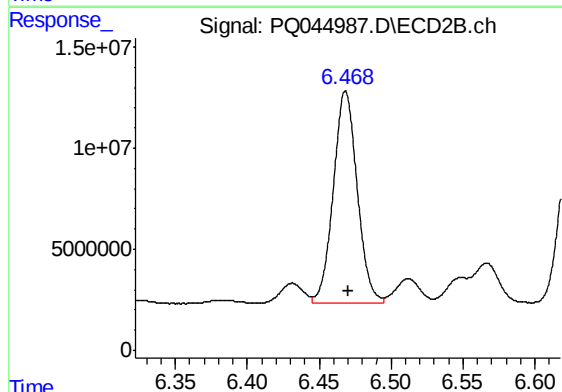
R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 14574122
Conc: 65.36 ng/ml



#26 AR-1254-1

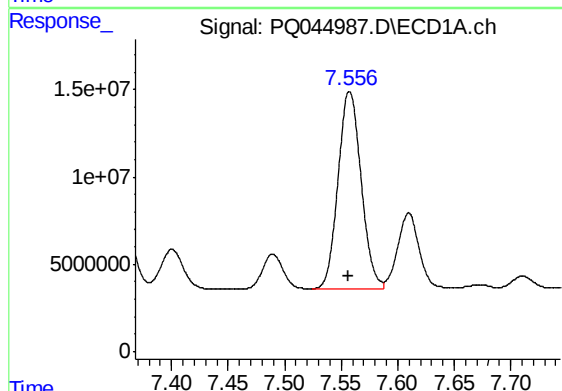
R.T.: 7.329 min
Delta R.T.: 0.002 min
Response: 105883021
Conc: 327.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254312



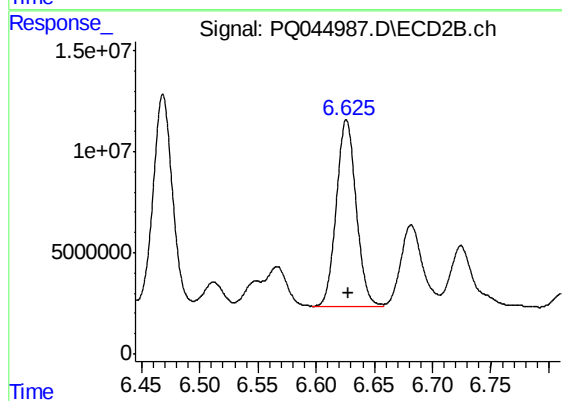
#26 AR-1254-1

R.T.: 6.468 min
Delta R.T.: -0.002 min
Response: 121517761
Conc: 334.04 ng/ml



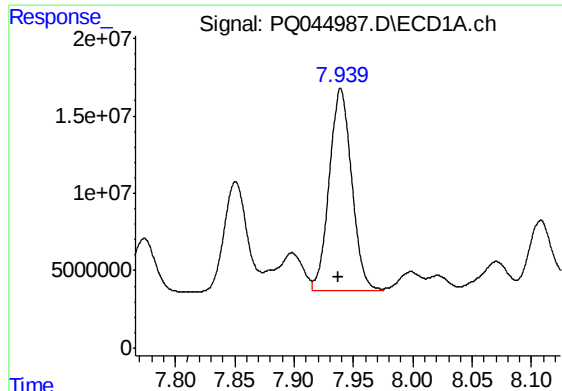
#27 AR-1254-2

R.T.: 7.557 min
Delta R.T.: 0.001 min
Response: 160589148
Conc: 323.44 ng/ml



#27 AR-1254-2

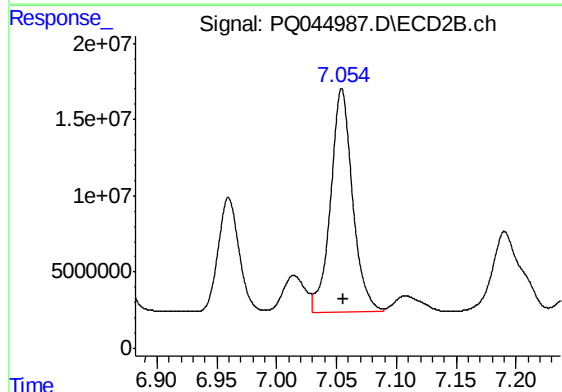
R.T.: 6.626 min
Delta R.T.: -0.002 min
Response: 109553361
Conc: 340.14 ng/ml



#28 AR-1254-3

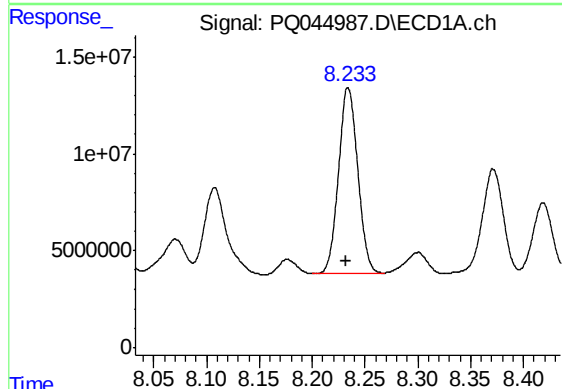
R.T.: 7.939 min
Delta R.T.: 0.002 min
Response: 171352143
Conc: 321.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254312



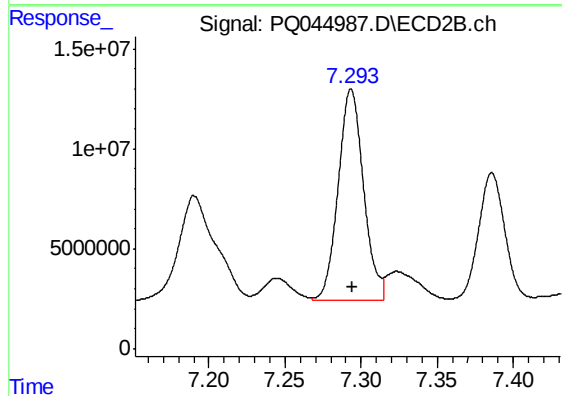
#28 AR-1254-3

R.T.: 7.054 min
Delta R.T.: -0.001 min
Response: 187191052
Conc: 337.47 ng/ml



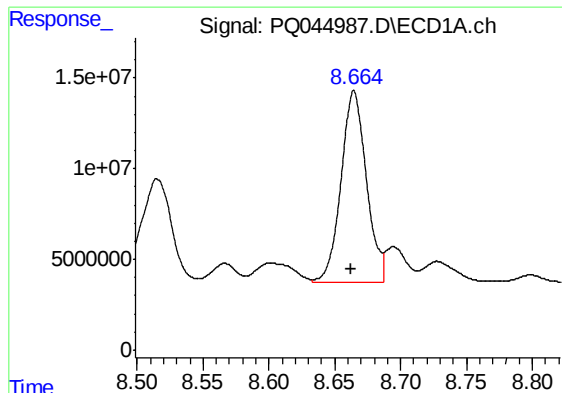
#29 AR-1254-4

R.T.: 8.234 min
Delta R.T.: 0.002 min
Response: 121694614
Conc: 315.03 ng/ml



#29 AR-1254-4

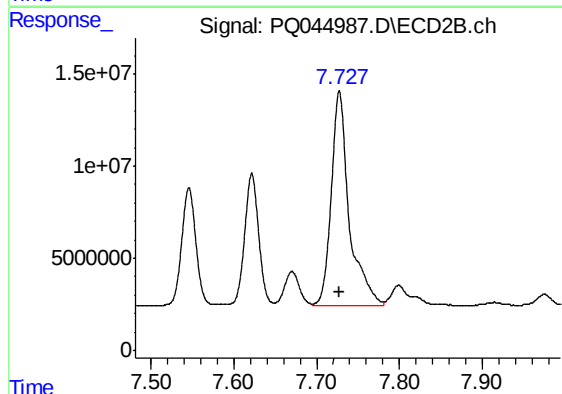
R.T.: 7.293 min
Delta R.T.: -0.001 min
Response: 121985489
Conc: 341.29 ng/ml



#30 AR-1254-5

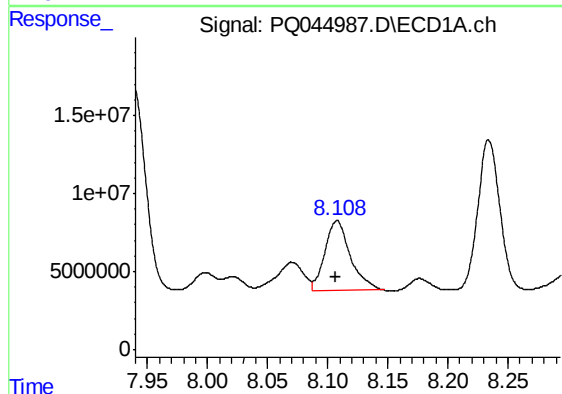
R.T.: 8.665 min
Delta R.T.: 0.002 min
Response: 140756567
Conc: 325.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254312



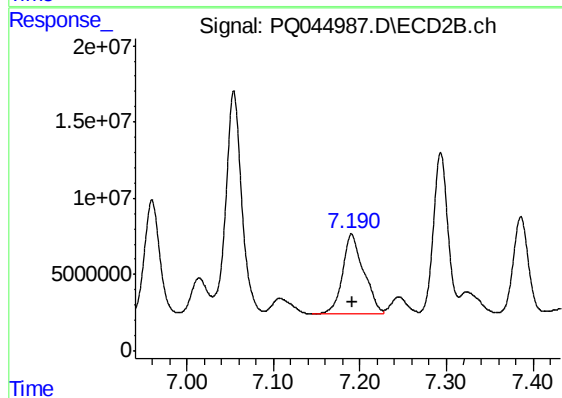
#30 AR-1254-5

R.T.: 7.728 min
Delta R.T.: 0.000 min
Response: 174335720
Conc: 348.66 ng/ml



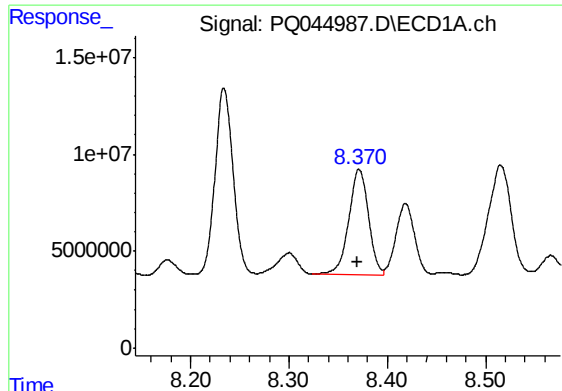
#31 AR-1260-1

R.T.: 8.108 min
Delta R.T.: 0.002 min
Response: 65083752
Conc: 208.38 ng/ml



#31 AR-1260-1

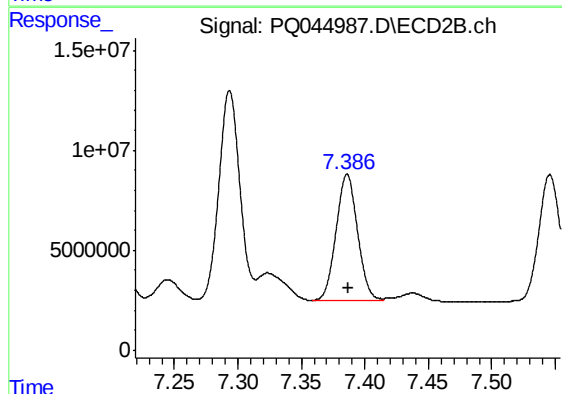
R.T.: 7.190 min
Delta R.T.: 0.000 min
Response: 89113366
Conc: 290.87 ng/ml



#32 AR-1260-2

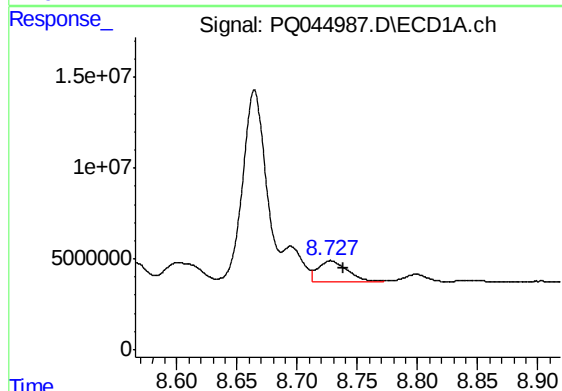
R.T.: 8.371 min
Delta R.T.: 0.001 min
Response: 75680208
Conc: 184.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254312



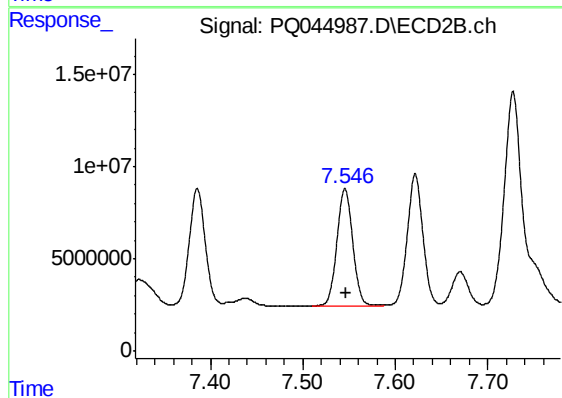
#32 AR-1260-2

R.T.: 7.386 min
Delta R.T.: 0.000 min
Response: 75451585
Conc: 191.09 ng/ml



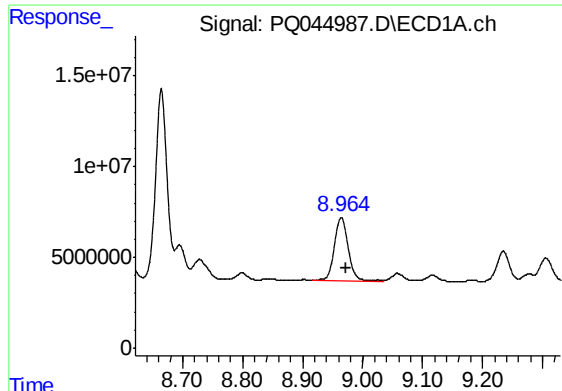
#33 AR-1260-3

R.T.: 8.728 min
Delta R.T.: -0.011 min
Response: 19173256
Conc: 58.73 ng/ml



#33 AR-1260-3

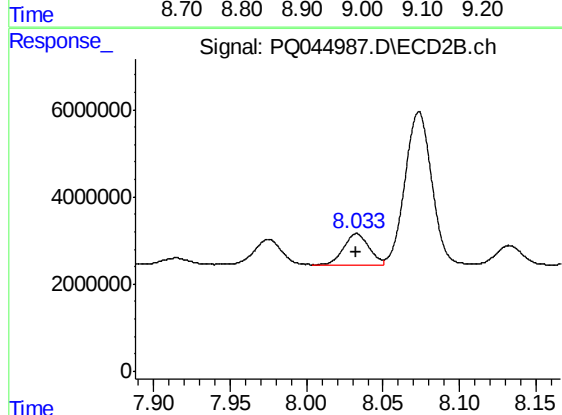
R.T.: 7.546 min
Delta R.T.: -0.001 min
Response: 75295121
Conc: 219.78 ng/ml



#34 AR-1260-4

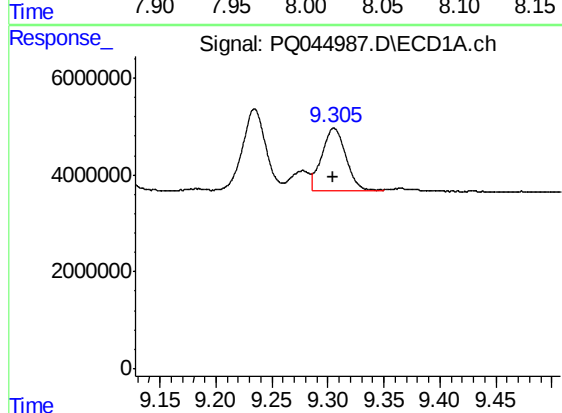
R.T.: 8.965 min
Delta R.T.: -0.007 min
Response: 56391287
Conc: 148.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254312



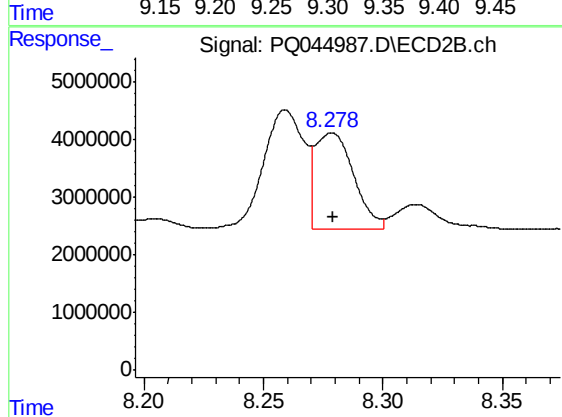
#34 AR-1260-4

R.T.: 8.033 min
Delta R.T.: 0.000 min
Response: 8228135
Conc: 26.83 ng/ml



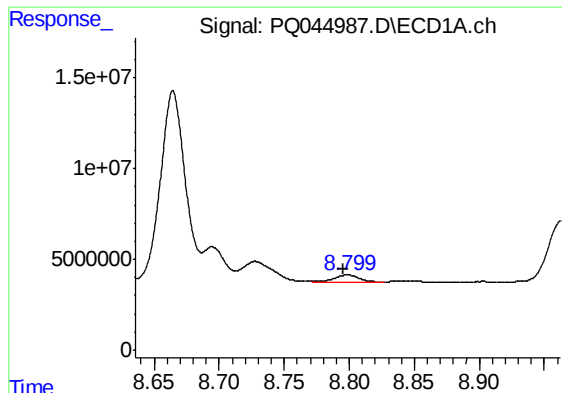
#35 AR-1260-5

R.T.: 9.305 min
Delta R.T.: 0.001 min
Response: 18941443
Conc: 24.61 ng/ml



#35 AR-1260-5

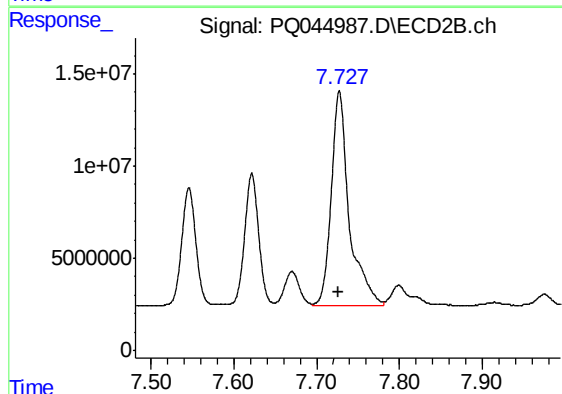
R.T.: 8.279 min
Delta R.T.: 0.000 min
Response: 18884071
Conc: 24.13 ng/ml



#36 AR-1262-1

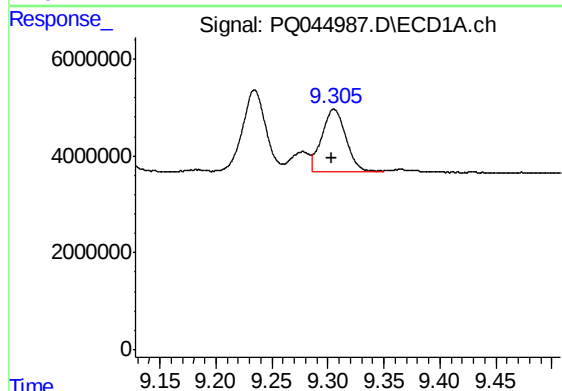
R.T.: 8.799 min
Delta R.T.: 0.003 min
Response: 5279115
Conc: 25.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254312



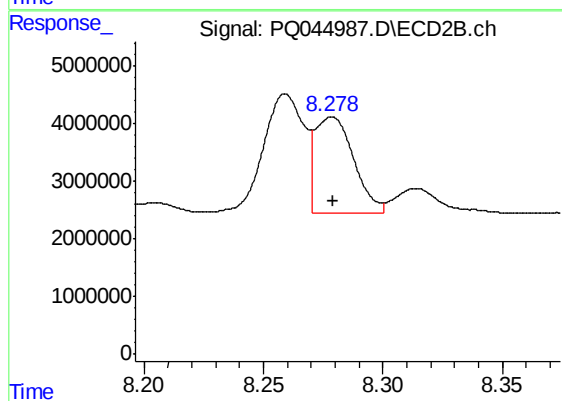
#36 AR-1262-1

R.T.: 7.728 min
Delta R.T.: 0.002 min
Response: 174335720
Conc: 688.82 ng/ml



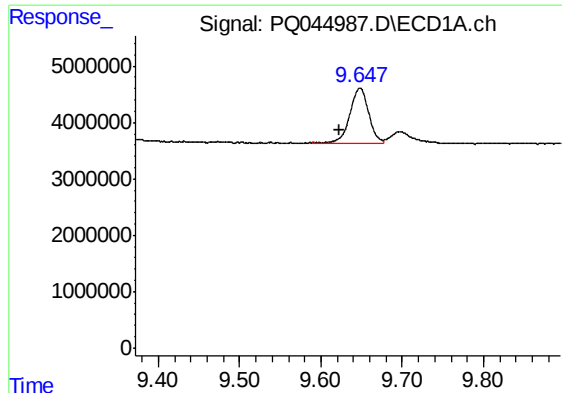
#37 AR-1262-2

R.T.: 9.305 min
Delta R.T.: 0.002 min
Response: 18941443
Conc: 20.97 ng/ml



#37 AR-1262-2

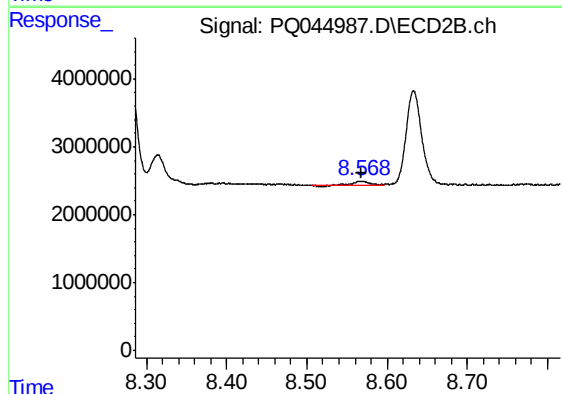
R.T.: 8.279 min
Delta R.T.: 0.000 min
Response: 18884071
Conc: 19.14 ng/ml



#38 AR-1262-3

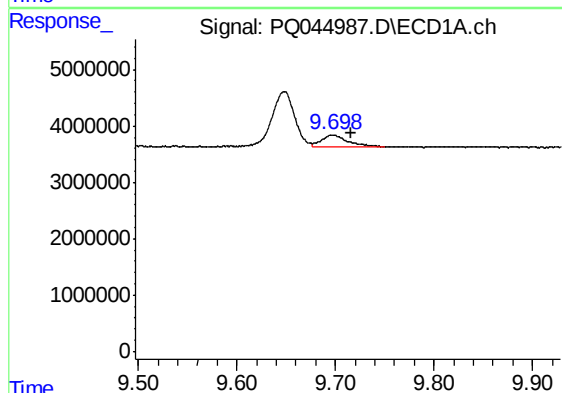
R.T.: 9.648 min
Delta R.T.: 0.025 min
Response: 15527507
Conc: 25.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254312



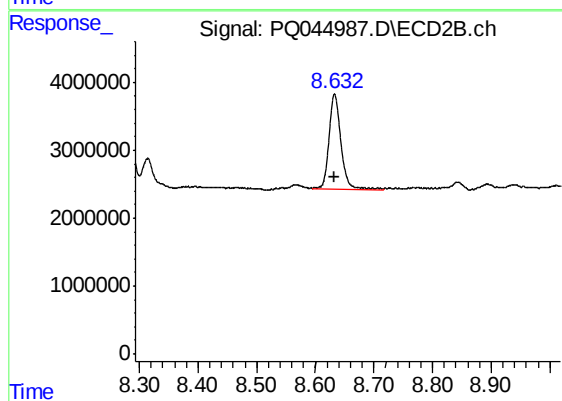
#38 AR-1262-3

R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 1089974
Conc: 2.83 ng/ml



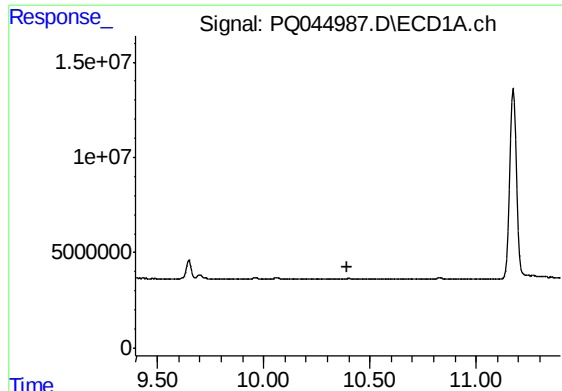
#39 AR-1262-4

R.T.: 9.698 min
Delta R.T.: -0.018 min
Response: 3976824
Conc: 8.75 ng/ml



#39 AR-1262-4

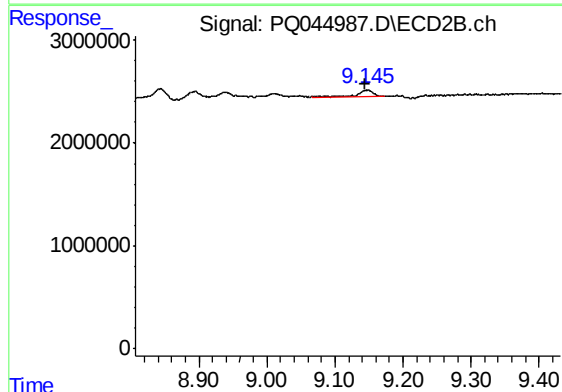
R.T.: 8.633 min
Delta R.T.: 0.000 min
Response: 19957651
Conc: 27.09 ng/ml



#40 AR-1262-5

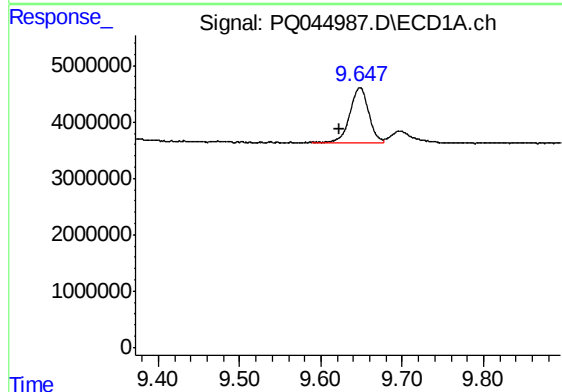
R.T.: 0.000 min
Exp R.T. : 10.397 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254312



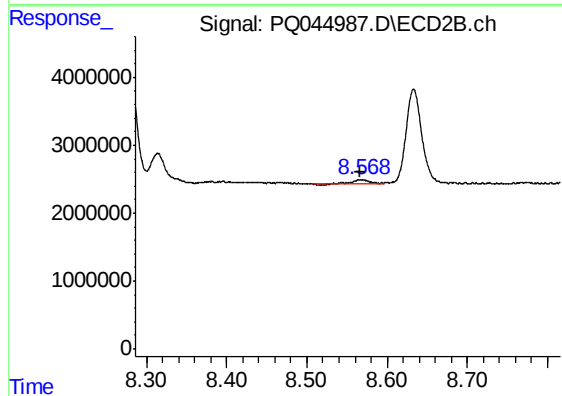
#40 AR-1262-5

R.T.: 9.146 min
Delta R.T.: 0.000 min
Response: 1093549
Conc: 3.14 ng/ml



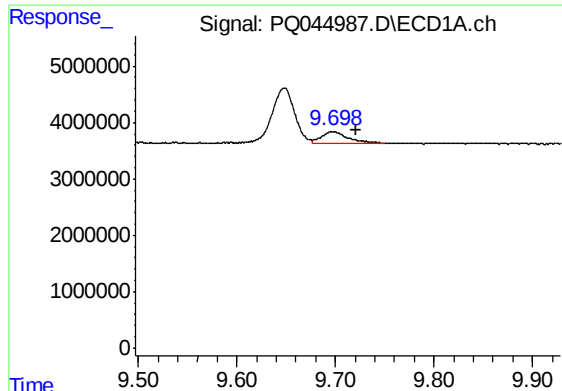
#41 AR-1268-1

R.T.: 9.648 min
Delta R.T.: 0.026 min
Response: 15527507
Conc: 13.90 ng/ml



#41 AR-1268-1

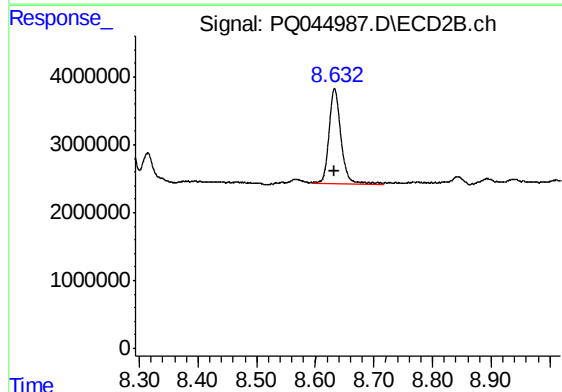
R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 1089974
Conc: 0.91 ng/ml



#42 AR-1268-2

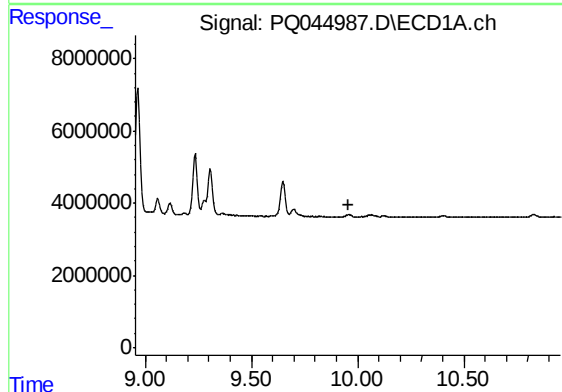
R.T.: 9.698 min
Delta R.T.: -0.023 min
Response: 3976824
Conc: 3.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254312



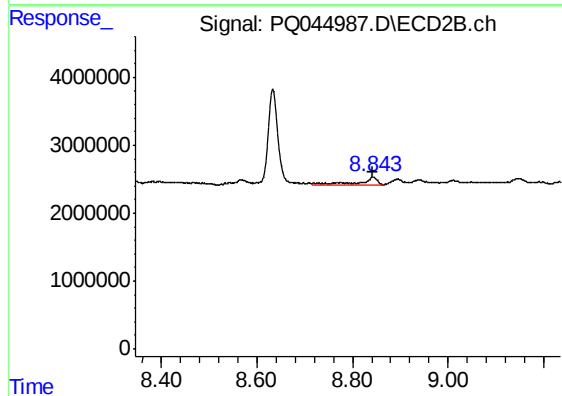
#42 AR-1268-2

R.T.: 8.633 min
Delta R.T.: 0.000 min
Response: 19957651
Conc: 17.92 ng/ml



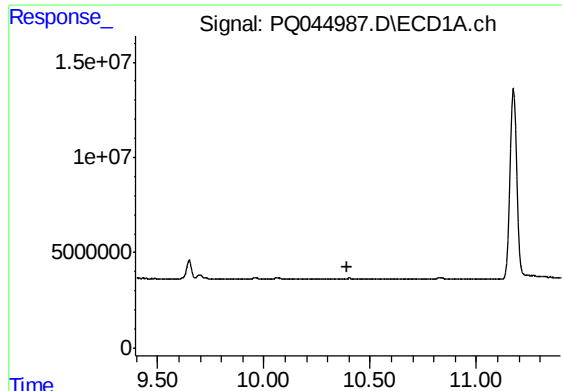
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.954 min
Response: 0
Conc: N.D.



#43 AR-1268-3

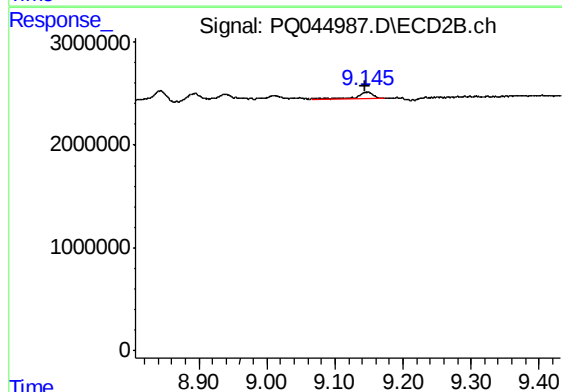
R.T.: 8.844 min
Delta R.T.: 0.001 min
Response: 2733621
Conc: 2.94 ng/ml



#44 AR-1268-4

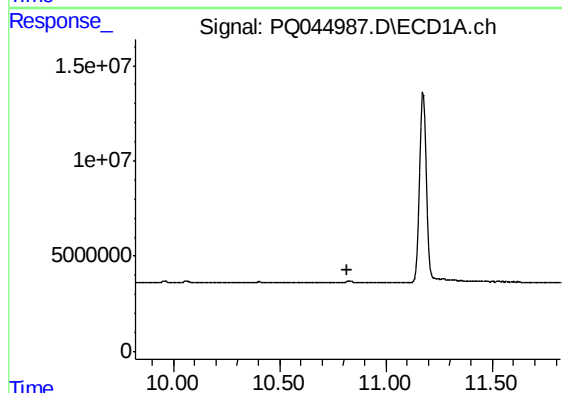
R.T.: 0.000 min
Exp R.T. : 10.395 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254312



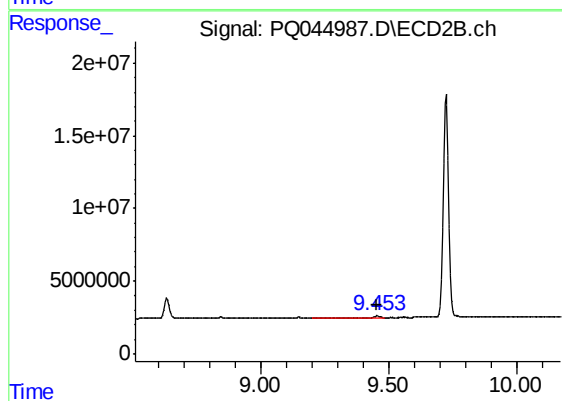
#44 AR-1268-4

R.T.: 9.146 min
Delta R.T.: 0.000 min
Response: 1093549
Conc: 2.72 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 10.821 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.455 min
Delta R.T.: 0.001 min
Response: 2006513
Conc: 0.66 ng/ml