

Data Path : P:\HPCHEM1\ECD_0\Data\P0051818\
 Data File : P0044759.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 17 May 2018 16:36
 Operator : SM/UA
 Sample : PB109269BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB109269BSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 18 00:49:59 2018
 Quant Method : P:\HPCHEM1\ECD_0\methods\P0051518.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue May 15 15:44:07 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.026	3.293	2827519	4284425	18.452	17.872
2) SA Decachlor...	9.336	8.030	3336730	3981816	16.228	14.151
Target Compounds						
3) L1 AR-1016-1	4.886	4.101	183697	251966	47.061	40.985
4) L1 AR-1016-2	5.224	4.533	260294	282568	48.796	52.428
5) L1 AR-1016-3	5.319	4.571	190481	299128	45.309	46.867
6) L1 AR-1016-4	0.000	4.733	0	251829	N.D.	35.696 #
7) L1 AR-1016-5	5.965	5.066	109240	251772	28.005	34.117
9) L2 AR-1221-2	0.000	3.644	0	188753	N.D.	58.029 #
10) L2 AR-1221-3	0.000	3.644	0	188753	N.D.	17.347 #
11) L3 AR-1232-1	0.000	3.644	0	188753	N.D.	39.231 #
12) L3 AR-1232-2	5.144	4.324	253632	1057707	107.821	99.349
13) L3 AR-1232-3	5.163	4.380	448744	377209	103.285	86.578
14) L3 AR-1232-4	5.224	4.533	260294	282568	96.384	49.550 #
15) L3 AR-1232-5	5.319	4.571	190481	299128	92.085	105.346
16) L4 AR-1242-1	4.702	4.101	132273	251966	44.875	43.957
17) L4 AR-1242-2	5.163	4.324	448744	1057707	64.447	57.668
18) L4 AR-1242-3	5.319	4.491	190481	311031	55.826	49.944
19) L4 AR-1242-4	5.601	4.571	145655	299128	44.404	50.611
20) L4 AR-1242-5	0.000	4.733	0	251829	N.D.	36.772 #
21) L5 AR-1248-1	5.601	4.733	145655	251829	26.768	27.068
22) L5 AR-1248-2	0.000	4.871	0	277596	N.D.	33.083 #
23) L5 AR-1248-3	5.965	5.066	109240	251772	16.250	17.605
24) L5 AR-1248-4	5.965	5.066	109240	251772	15.562	19.195
25) L5 AR-1248-5	6.176	5.603	168952	368462	38.469	51.753 #
26) L6 AR-1254-1	6.176	5.066	168952	251772	15.650	15.563
27) L6 AR-1254-2	0.000	5.209	0	232631	N.D.	16.510 #
28) L6 AR-1254-3	6.588	5.603	245205	368462	19.780	15.756
30) L6 AR-1254-5	7.068	6.163	201076	220186	26.053	20.048
31) L7 AR-1260-1	6.692	5.716	417692	712154	44.645	44.889
32) L7 AR-1260-2	6.942	5.904	590474	987999	46.581	45.516
33) L7 AR-1260-3	7.293	6.217	367021	980994	34.872	45.670 #
34) L7 AR-1260-4	7.815	6.744	947322	1555415	39.954	36.650
35) L7 AR-1260-5	8.099	7.077	622733	1041352	42.668	35.803
36) L8 AR-1262-1	6.692	5.904	417692	987999	53.131	55.059
37) L8 AR-1262-2	6.942	6.045	590474	739006	56.056	43.869
38) L8 AR-1262-3	7.219	6.249	545862	745990	54.378	25.148 #
39) L8 AR-1262-4	7.514	6.500	439416	438366	31.449	17.945 #
40) L8 AR-1262-5	7.815	6.744	947322	1555415	31.099	28.481

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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
41) L9	AR-1268-1	8.099	7.011	622733	310964	18.859	5.335 #
42) L9	AR-1268-2	8.146	7.077	343698	1041352	11.506	19.309 #
44) L9	AR-1268-4	8.720	7.566	262948	286593	23.687	15.283 #

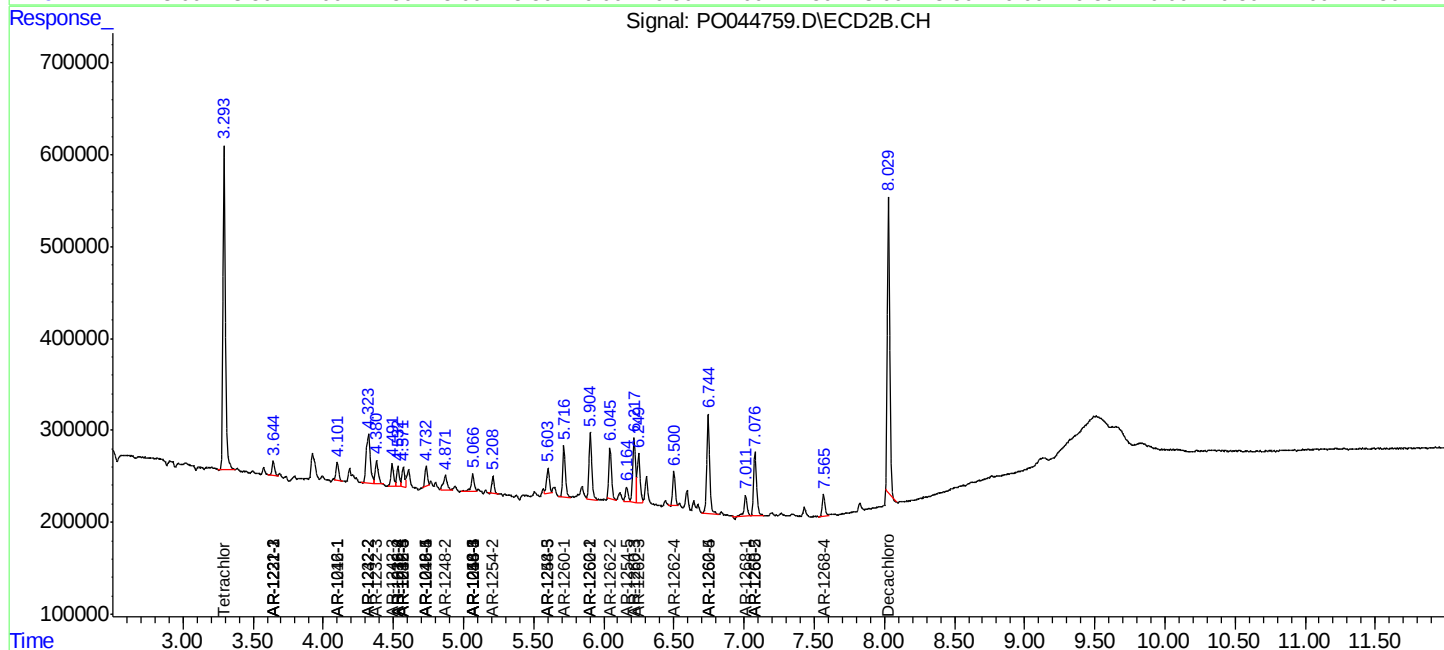
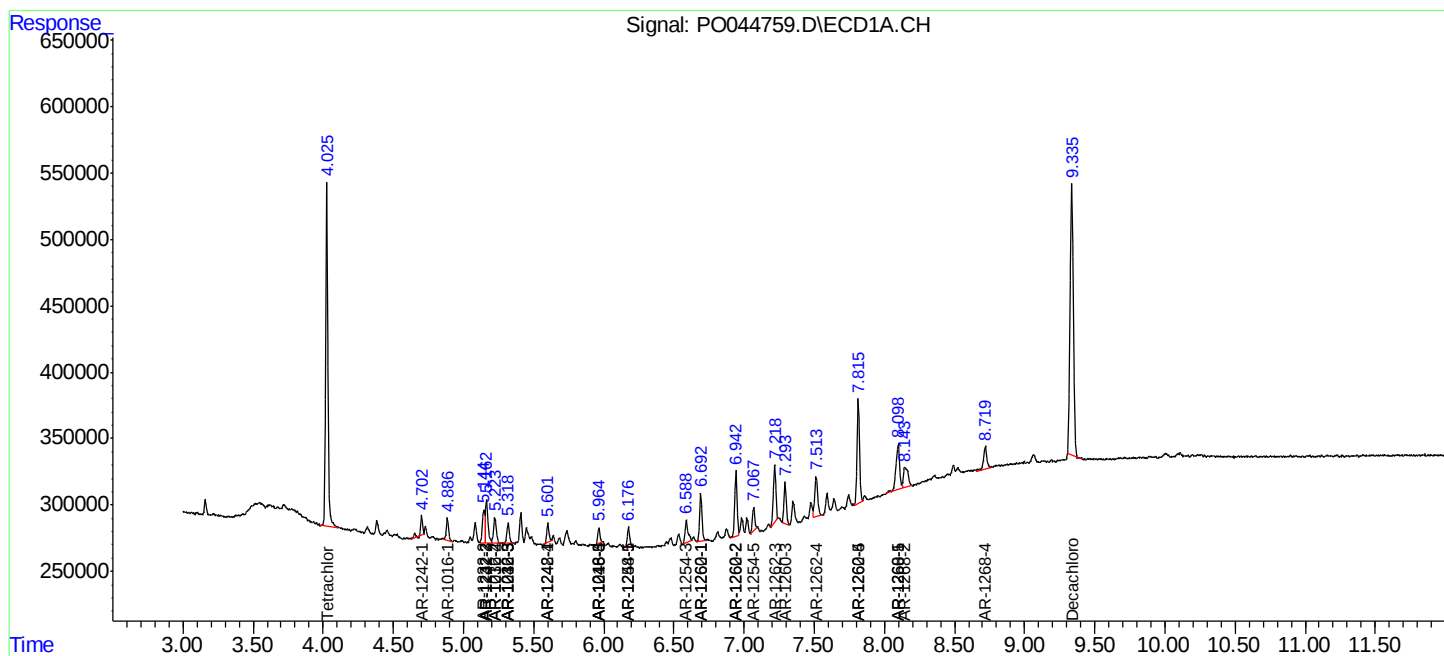
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

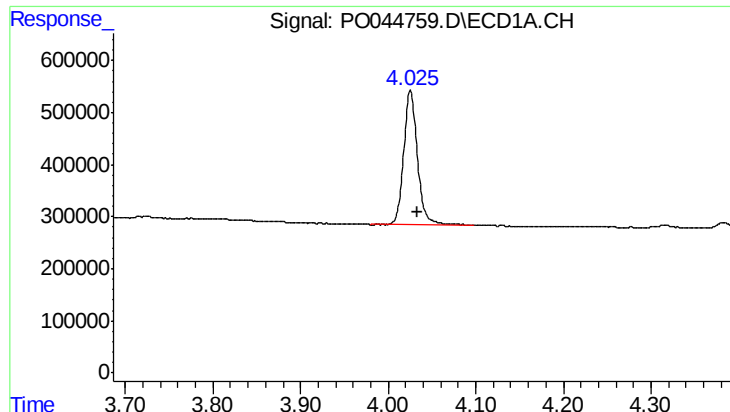
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

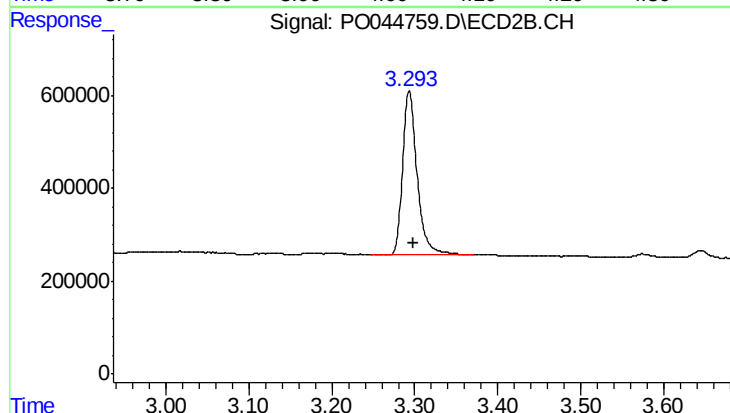




#1 Tetrachloro-m-xylene

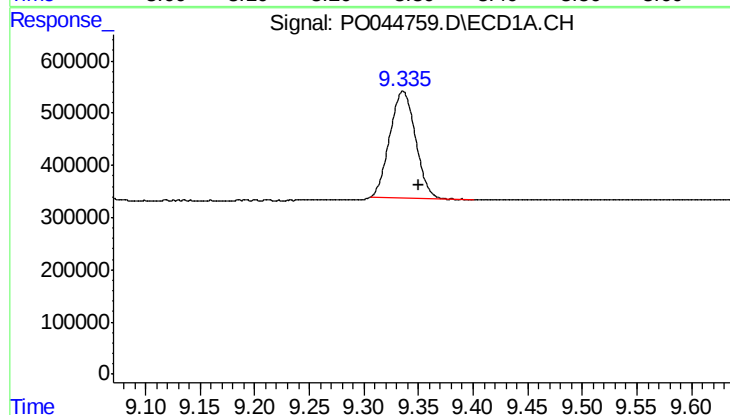
R.T.: 4.026 min
Delta R.T.: -0.007 min
Response: 2827519
Conc: 18.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109269BSD



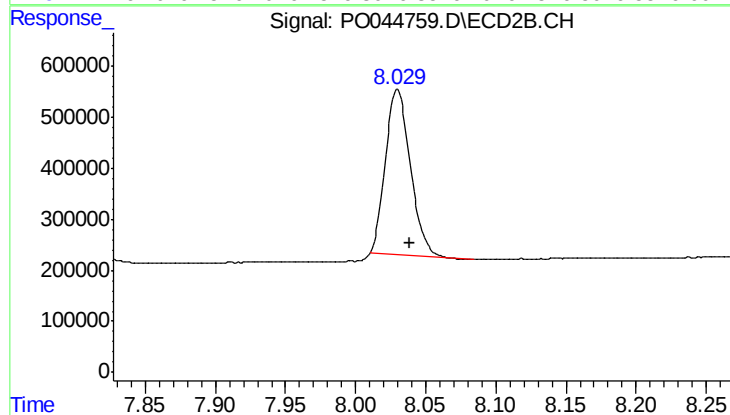
#1 Tetrachloro-m-xylene

R.T.: 3.293 min
Delta R.T.: -0.005 min
Response: 4284425
Conc: 17.87 ng/ml



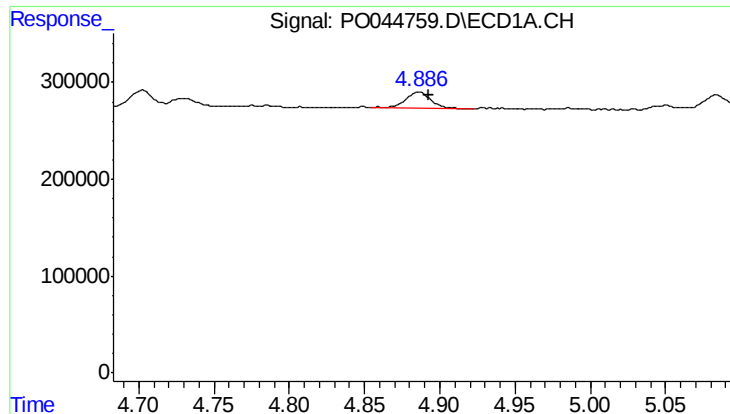
#2 Decachlorobiphenyl

R.T.: 9.336 min
Delta R.T.: -0.015 min
Response: 3336730
Conc: 16.23 ng/ml



#2 Decachlorobiphenyl

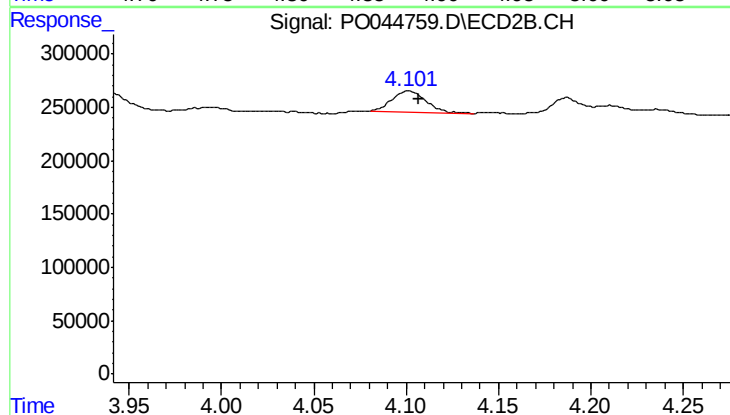
R.T.: 8.030 min
Delta R.T.: -0.009 min
Response: 3981816
Conc: 14.15 ng/ml



#3 AR-1016-1

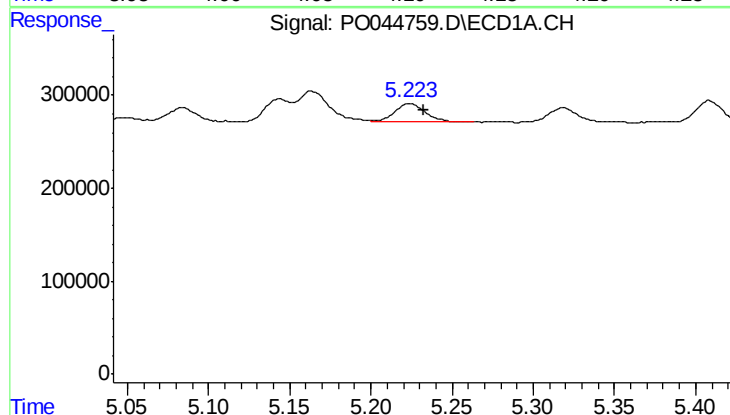
R.T.: 4.886 min
Delta R.T.: -0.007 min
Response: 183697
Conc: 47.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109269BSD



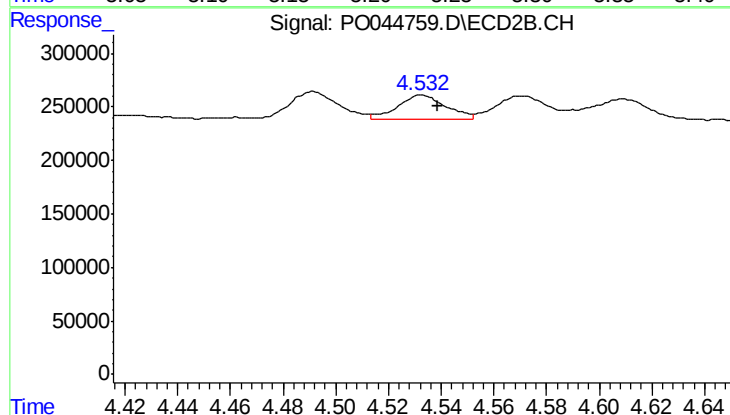
#3 AR-1016-1

R.T.: 4.101 min
Delta R.T.: -0.005 min
Response: 251966
Conc: 40.98 ng/ml



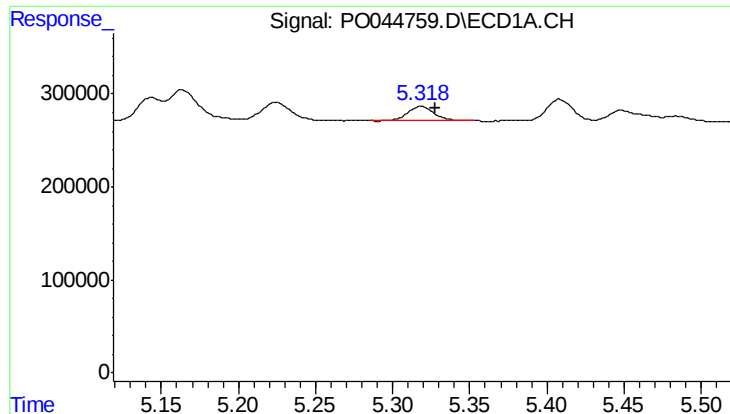
#4 AR-1016-2

R.T.: 5.224 min
Delta R.T.: -0.009 min
Response: 260294
Conc: 48.80 ng/ml



#4 AR-1016-2

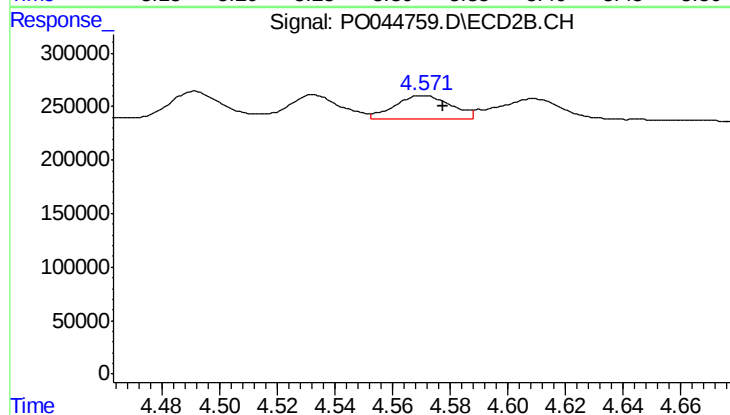
R.T.: 4.533 min
Delta R.T.: -0.006 min
Response: 282568
Conc: 52.43 ng/ml



#5 AR-1016-3

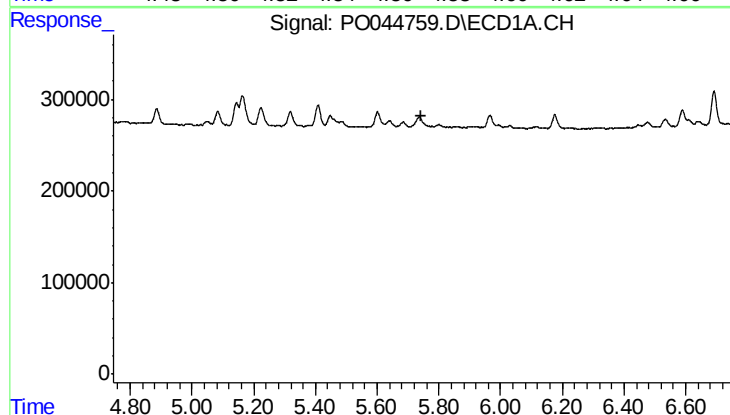
R.T.: 5.319 min
Delta R.T.: -0.009 min
Response: 190481
Conc: 45.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109269BSD



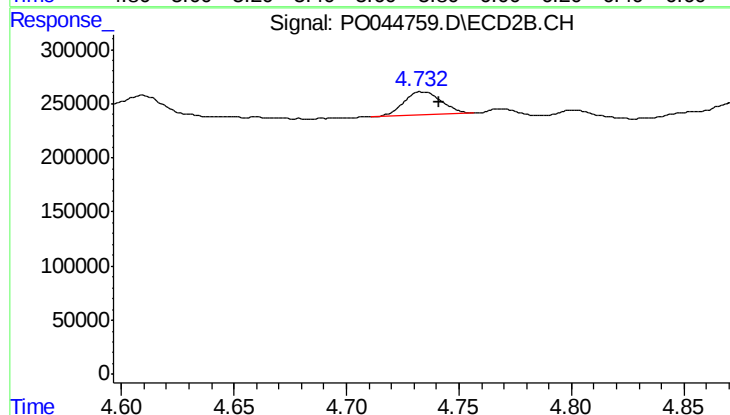
#5 AR-1016-3

R.T.: 4.571 min
Delta R.T.: -0.007 min
Response: 299128
Conc: 46.87 ng/ml



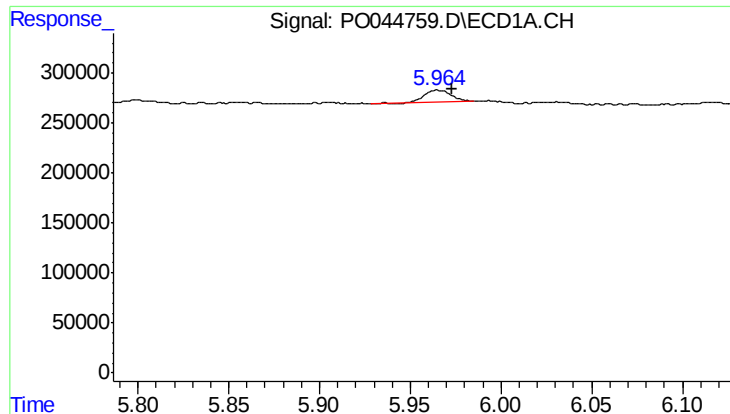
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.745 min
Response: 0
Conc: N.D.



#6 AR-1016-4

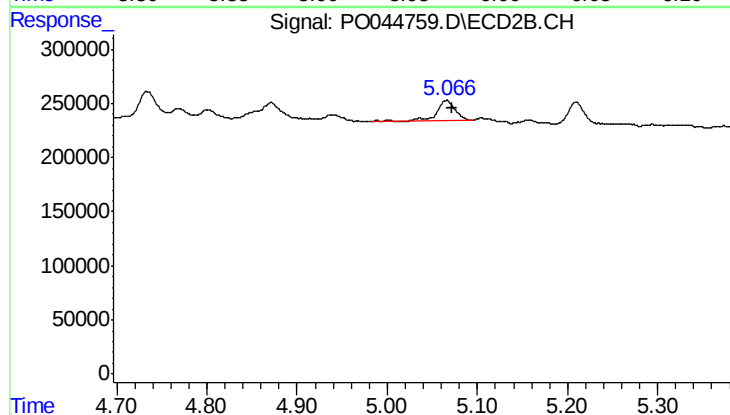
R.T.: 4.733 min
Delta R.T.: -0.008 min
Response: 251829
Conc: 35.70 ng/ml



#7 AR-1016-5

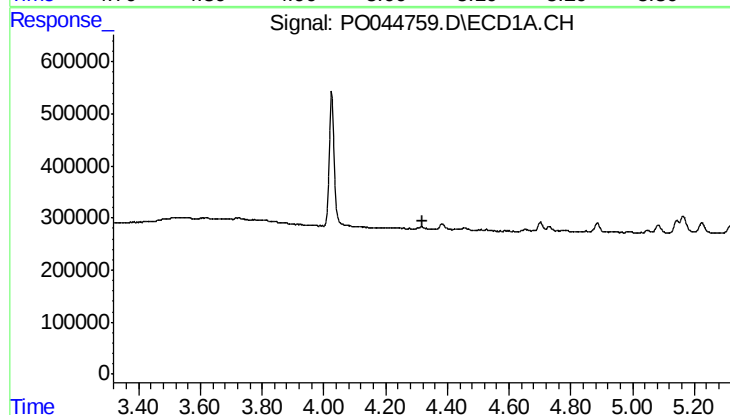
R.T.: 5.965 min
Delta R.T.: -0.008 min
Response: 109240
Conc: 28.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109269BSD



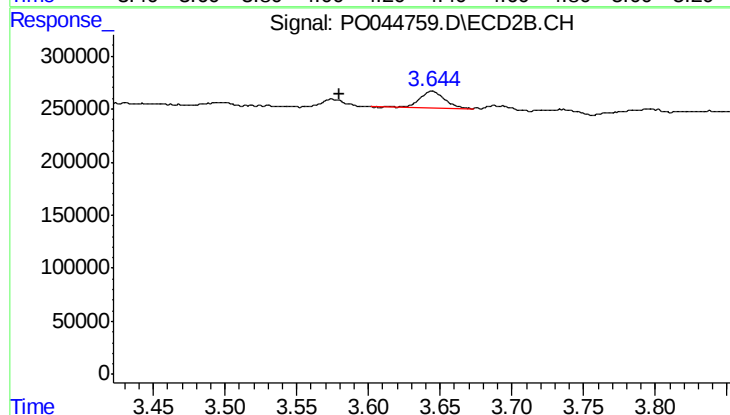
#7 AR-1016-5

R.T.: 5.066 min
Delta R.T.: -0.006 min
Response: 251772
Conc: 34.12 ng/ml



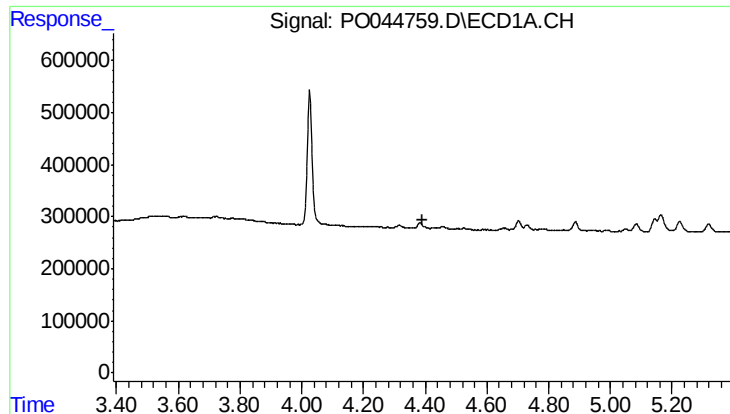
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T.: 4.318 min
Response: 0
Conc: N.D.



#9 AR-1221-2

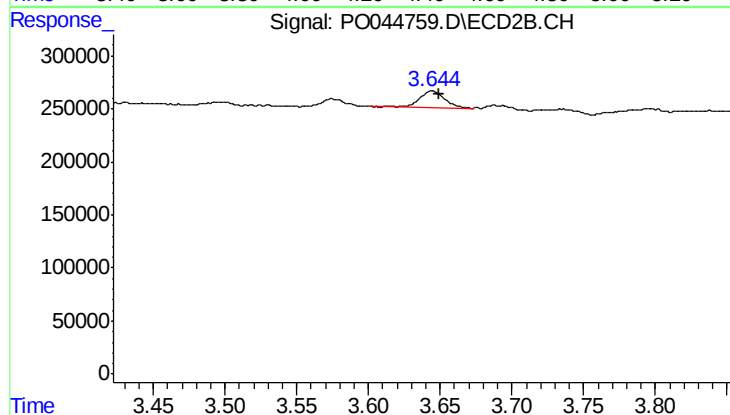
R.T.: 3.644 min
Delta R.T.: 0.065 min
Response: 188753
Conc: 58.03 ng/ml



#10 AR-1221-3

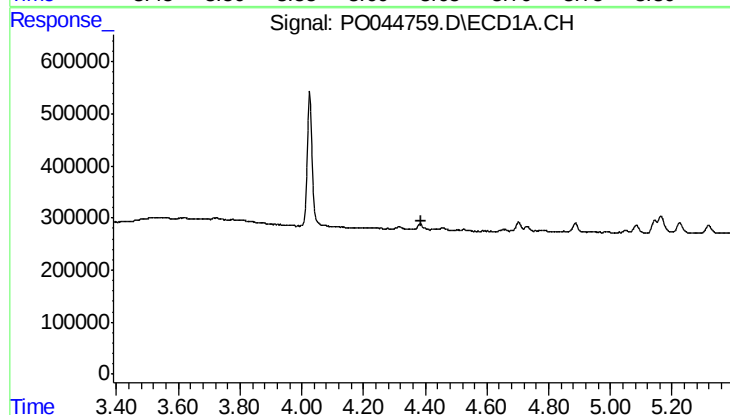
R.T.: 0.000 min
Exp R.T.: 4.390 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB109269BSD



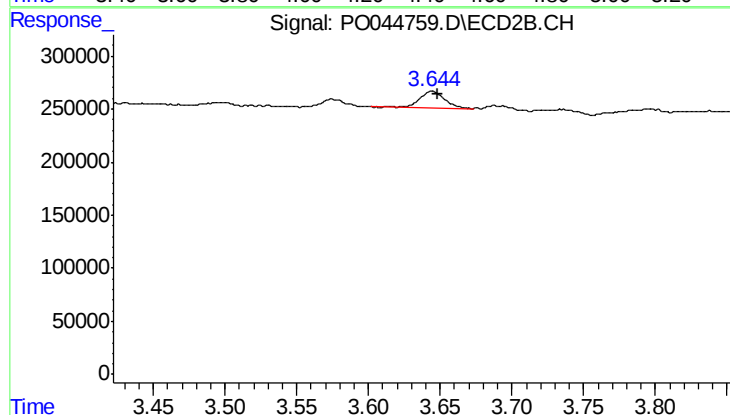
#10 AR-1221-3

R.T.: 3.644 min
Delta R.T.: -0.005 min
Response: 188753
Conc: 17.35 ng/ml



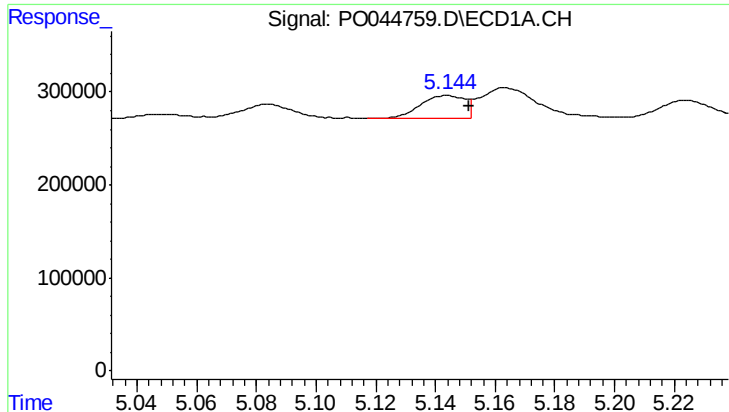
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 4.389 min
Response: 0
Conc: N.D.



#11 AR-1232-1

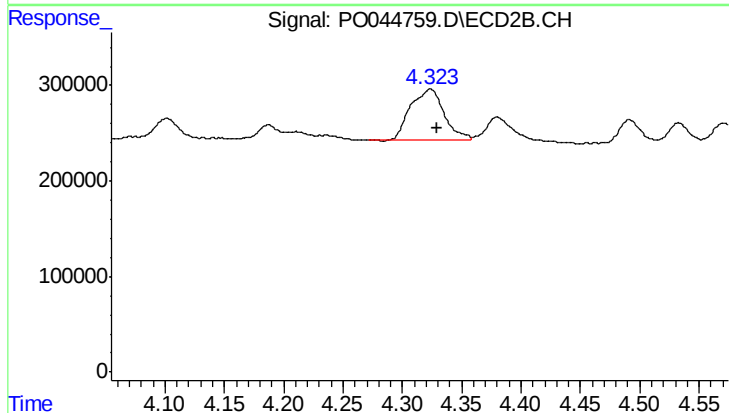
R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 188753
Conc: 39.23 ng/ml



#12 AR-1232-2

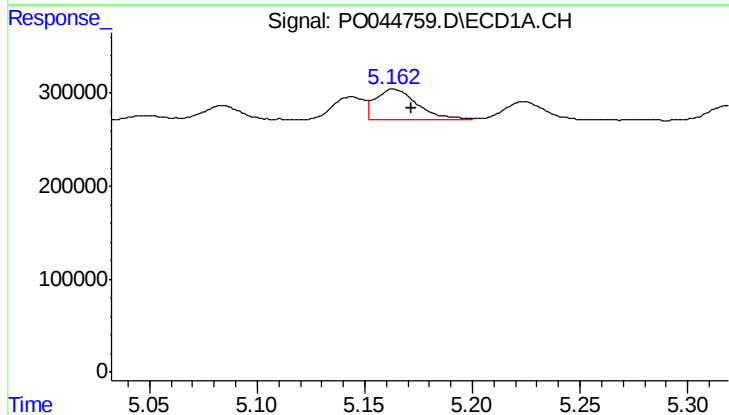
R.T.: 5.144 min
Delta R.T.: -0.008 min
Response: 253632
Conc: 107.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109269BSD



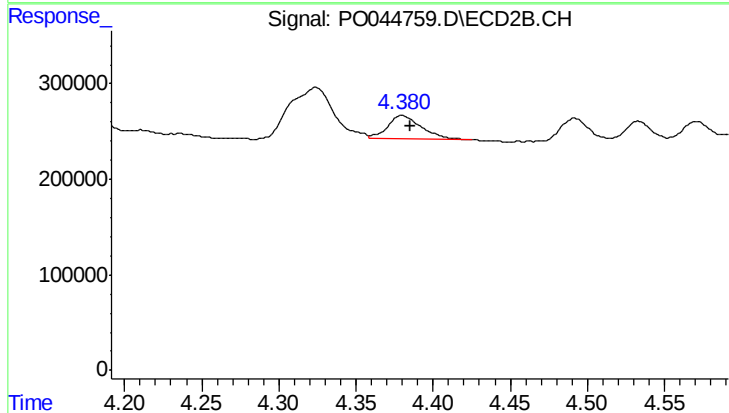
#12 AR-1232-2

R.T.: 4.324 min
Delta R.T.: -0.006 min
Response: 1057707
Conc: 99.35 ng/ml



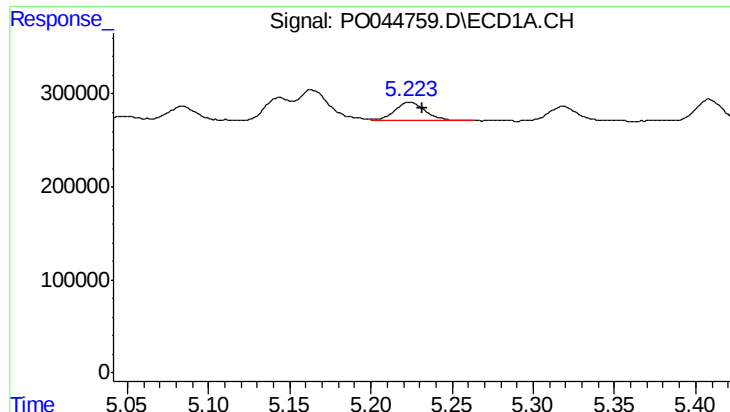
#13 AR-1232-3

R.T.: 5.163 min
Delta R.T.: -0.008 min
Response: 448744
Conc: 103.28 ng/ml



#13 AR-1232-3

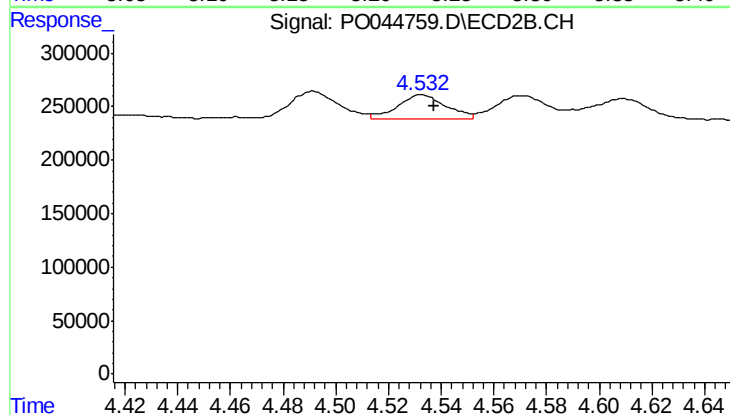
R.T.: 4.380 min
Delta R.T.: -0.005 min
Response: 377209
Conc: 86.58 ng/ml



#14 AR-1232-4

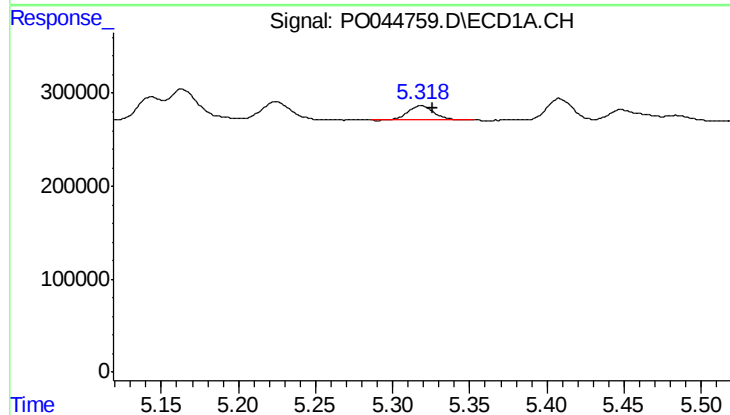
R.T.: 5.224 min
Delta R.T.: -0.008 min
Response: 260294
Conc: 96.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109269BSD



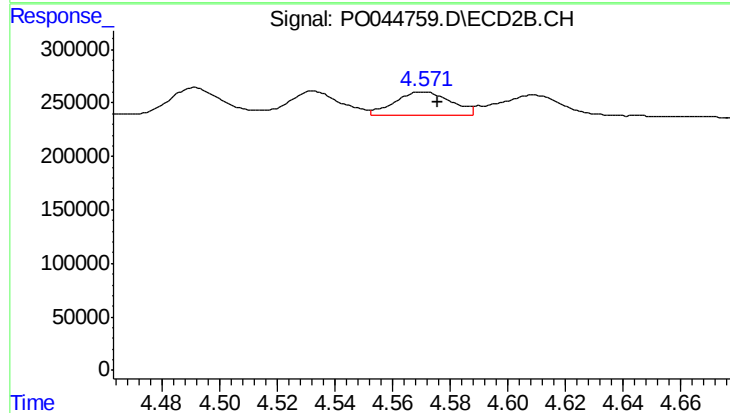
#14 AR-1232-4

R.T.: 4.533 min
Delta R.T.: -0.005 min
Response: 282568
Conc: 49.55 ng/ml



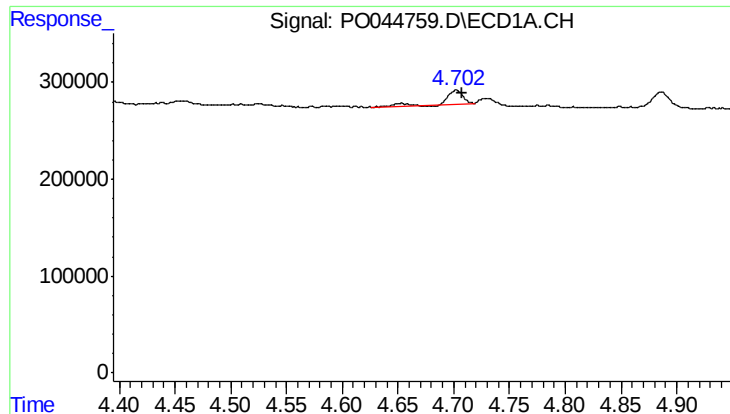
#15 AR-1232-5

R.T.: 5.319 min
Delta R.T.: -0.007 min
Response: 190481
Conc: 92.08 ng/ml



#15 AR-1232-5

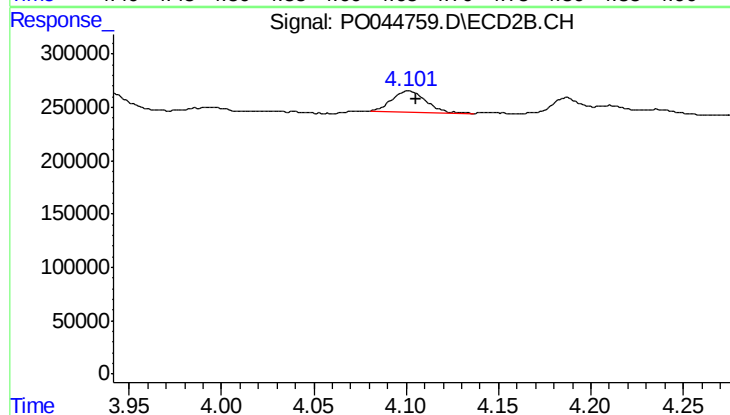
R.T.: 4.571 min
Delta R.T.: -0.005 min
Response: 299128
Conc: 105.35 ng/ml



#16 AR-1242-1

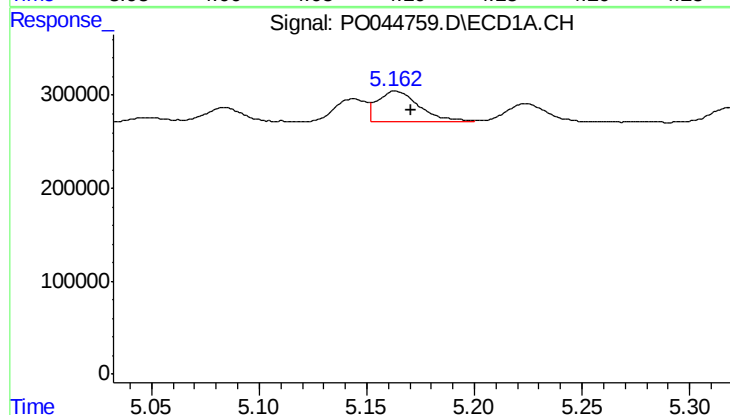
R.T.: 4.702 min
Delta R.T.: -0.006 min
Response: 132273
Conc: 44.87 ng/ml

Instrument :
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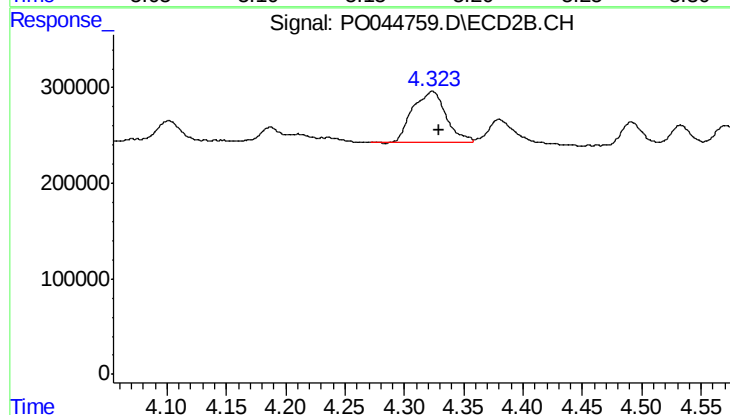
#16 AR-1242-1

R.T.: 4.101 min
Delta R.T.: -0.004 min
Response: 251966
Conc: 43.96 ng/ml



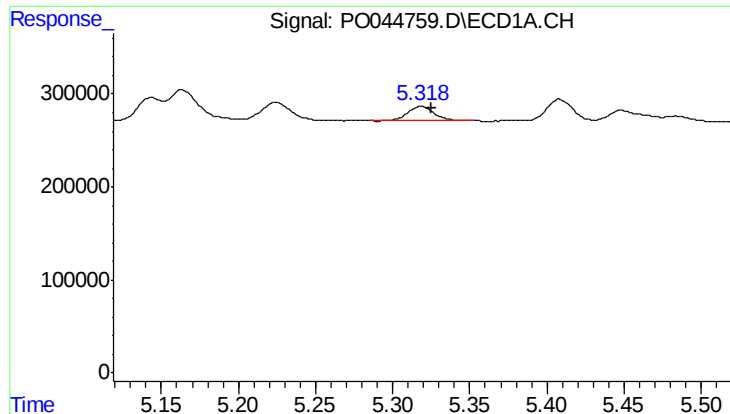
#17 AR-1242-2

R.T.: 5.163 min
Delta R.T.: -0.007 min
Response: 448744
Conc: 64.45 ng/ml



#17 AR-1242-2

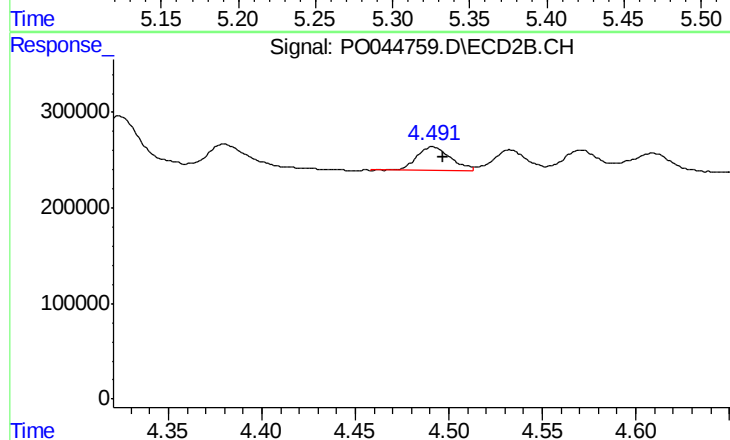
R.T.: 4.324 min
Delta R.T.: -0.005 min
Response: 1057707
Conc: 57.67 ng/ml



#18 AR-1242-3

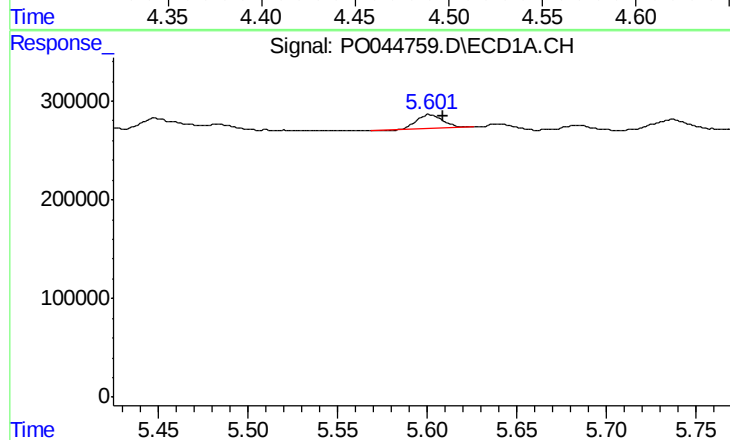
R.T.: 5.319 min
Delta R.T.: -0.007 min
Response: 190481
Conc: 55.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109269BSD



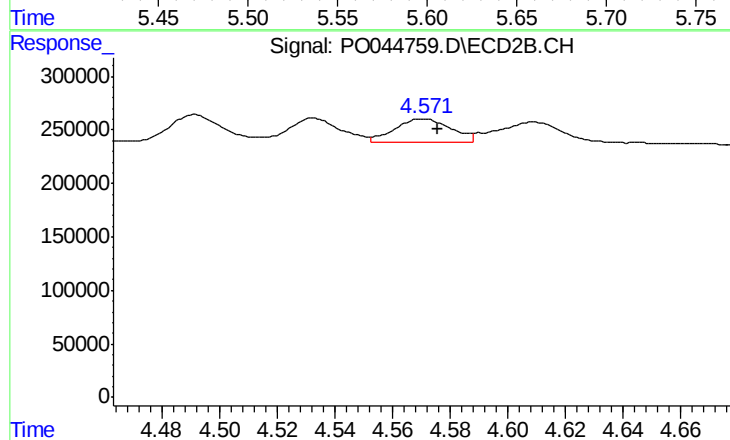
#18 AR-1242-3

R.T.: 4.491 min
Delta R.T.: -0.005 min
Response: 311031
Conc: 49.94 ng/ml



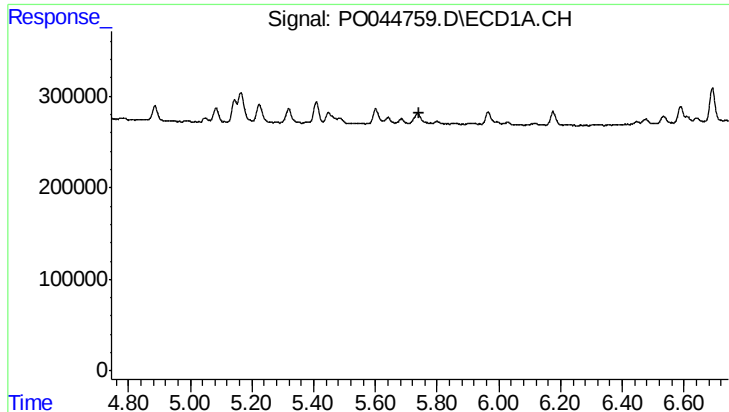
#19 AR-1242-4

R.T.: 5.601 min
Delta R.T.: -0.008 min
Response: 145655
Conc: 44.40 ng/ml



#19 AR-1242-4

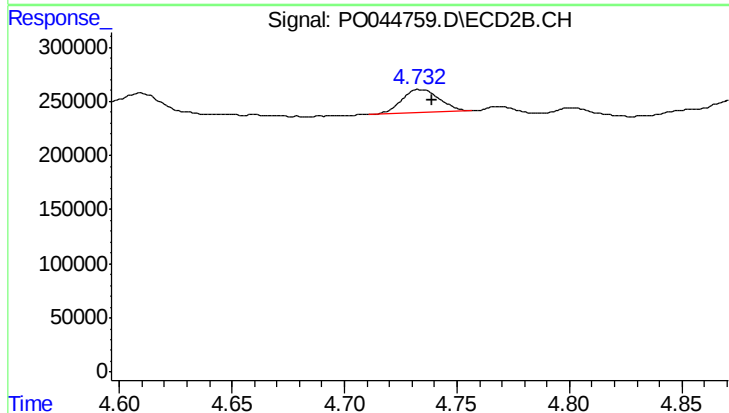
R.T.: 4.571 min
Delta R.T.: -0.005 min
Response: 299128
Conc: 50.61 ng/ml



#20 AR-1242-5

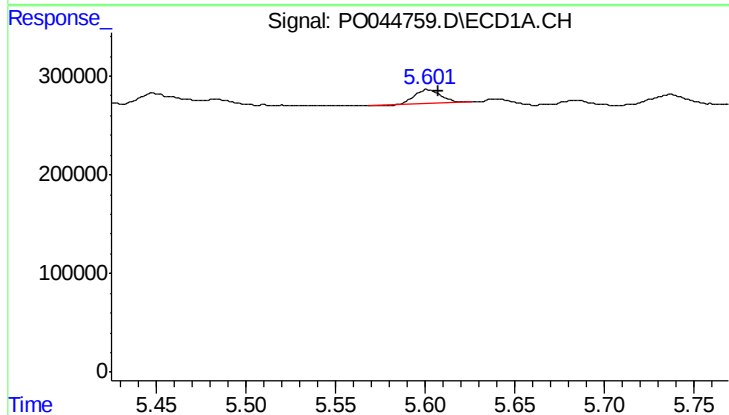
R.T.: 0.000 min
Exp R.T.: 5.744 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB109269BSD



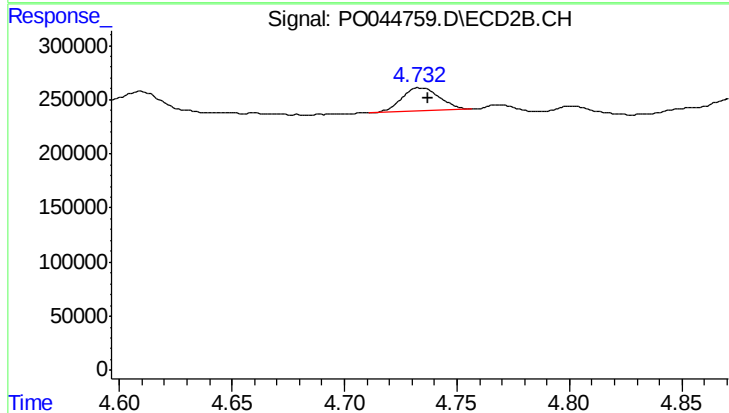
#20 AR-1242-5

R.T.: 4.733 min
Delta R.T.: -0.006 min
Response: 251829
Conc: 36.77 ng/ml



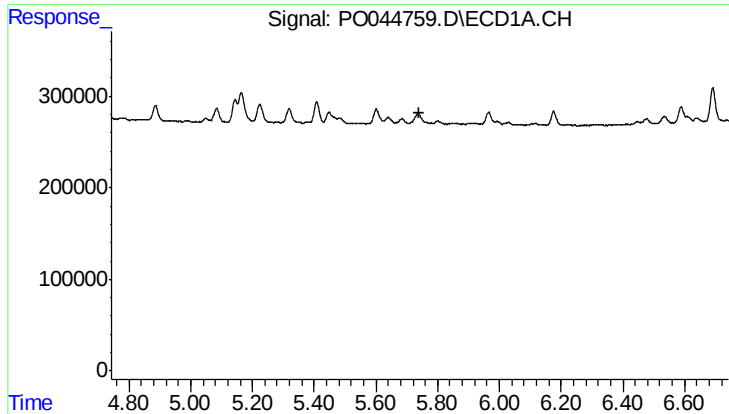
#21 AR-1248-1

R.T.: 5.601 min
Delta R.T.: -0.006 min
Response: 145655
Conc: 26.77 ng/ml



#21 AR-1248-1

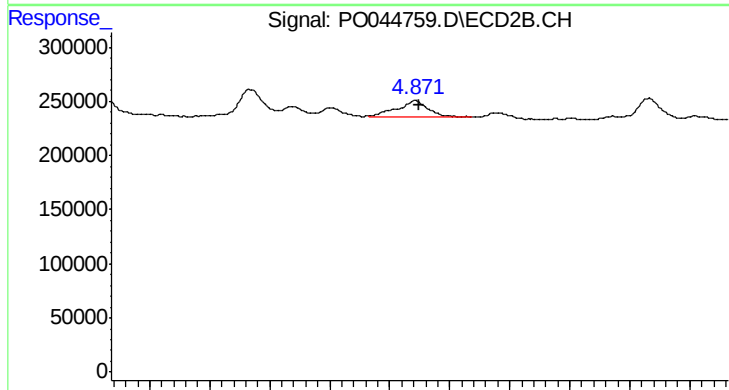
R.T.: 4.733 min
Delta R.T.: -0.004 min
Response: 251829
Conc: 27.07 ng/ml



#22 AR-1248-2

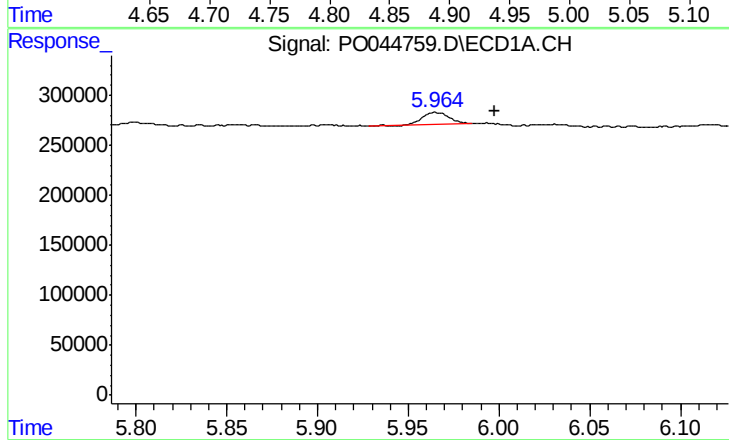
R.T.: 0.000 min
Exp R.T.: 5.742 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB109269BSD



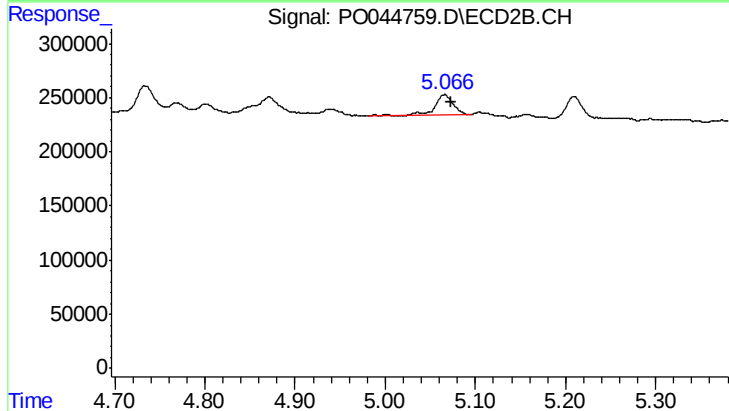
#22 AR-1248-2

R.T.: 4.871 min
Delta R.T.: -0.004 min
Response: 277596
Conc: 33.08 ng/ml



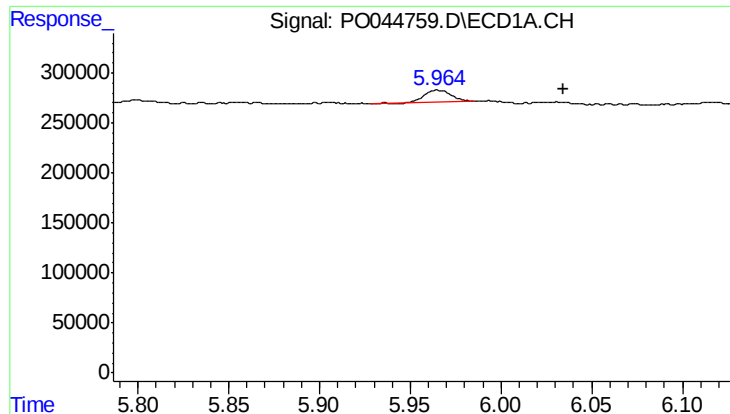
#23 AR-1248-3

R.T.: 5.965 min
Delta R.T.: -0.033 min
Response: 109240
Conc: 16.25 ng/ml



#23 AR-1248-3

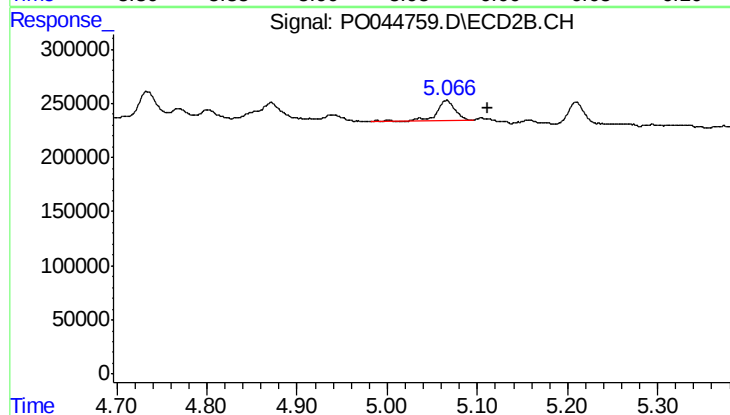
R.T.: 5.066 min
Delta R.T.: -0.007 min
Response: 251772
Conc: 17.60 ng/ml



#24 AR-1248-4

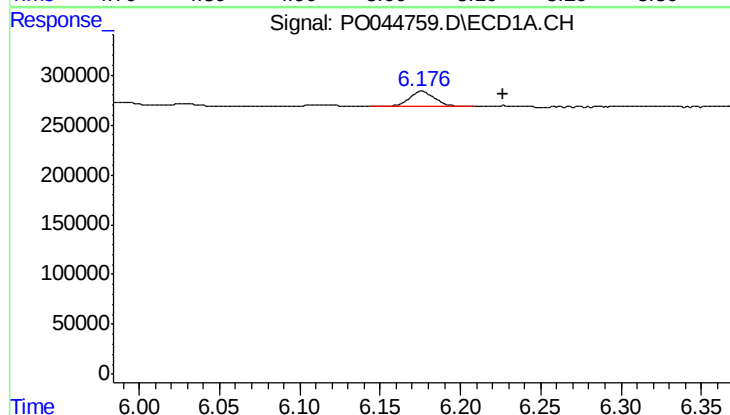
R.T.: 5.965 min
Delta R.T.: -0.070 min
Response: 109240
Conc: 15.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109269BSD



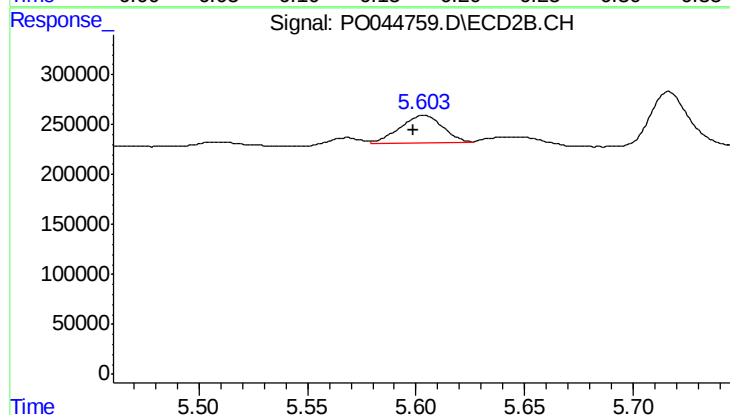
#24 AR-1248-4

R.T.: 5.066 min
Delta R.T.: -0.046 min
Response: 251772
Conc: 19.20 ng/ml



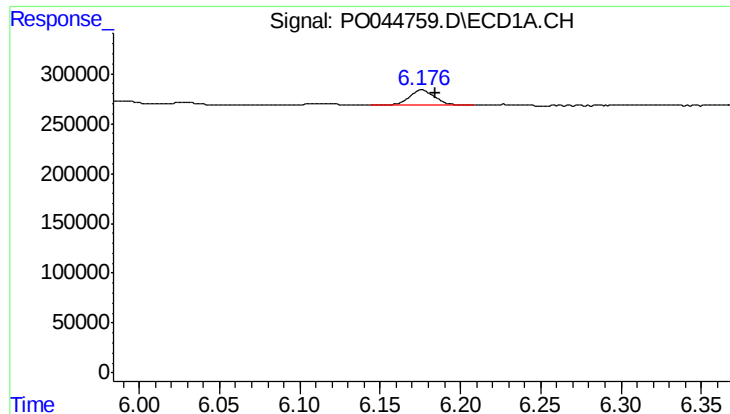
#25 AR-1248-5

R.T.: 6.176 min
Delta R.T.: -0.050 min
Response: 168952
Conc: 38.47 ng/ml



#25 AR-1248-5

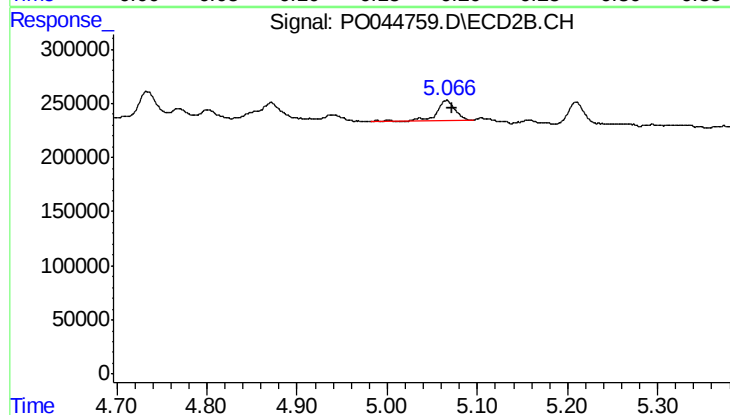
R.T.: 5.603 min
Delta R.T.: 0.004 min
Response: 368462
Conc: 51.75 ng/ml



#26 AR-1254-1

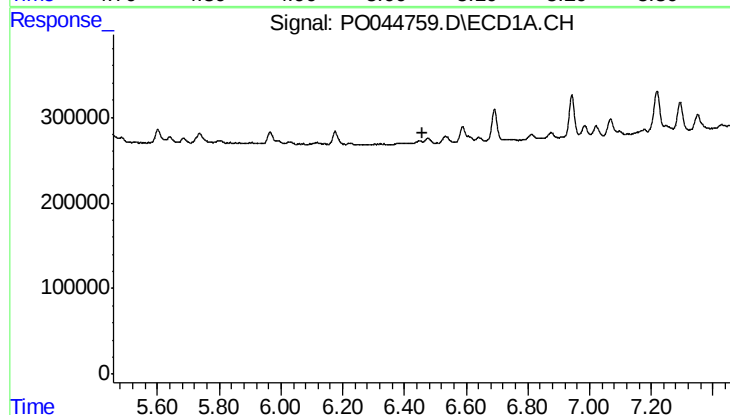
R.T.: 6.176 min
Delta R.T.: -0.009 min
Response: 168952
Conc: 15.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109269BSD



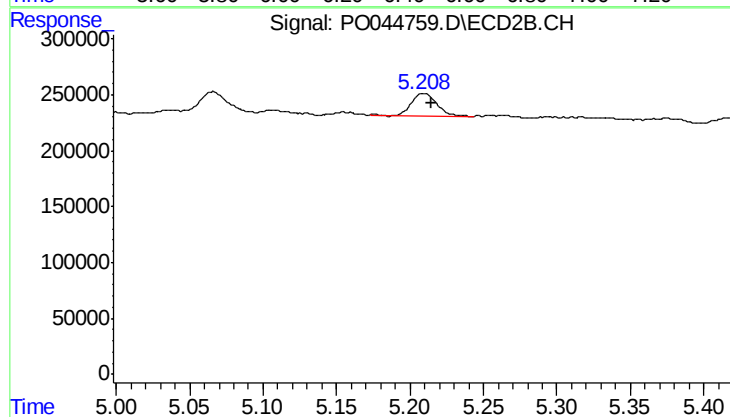
#26 AR-1254-1

R.T.: 5.066 min
Delta R.T.: -0.006 min
Response: 251772
Conc: 15.56 ng/ml



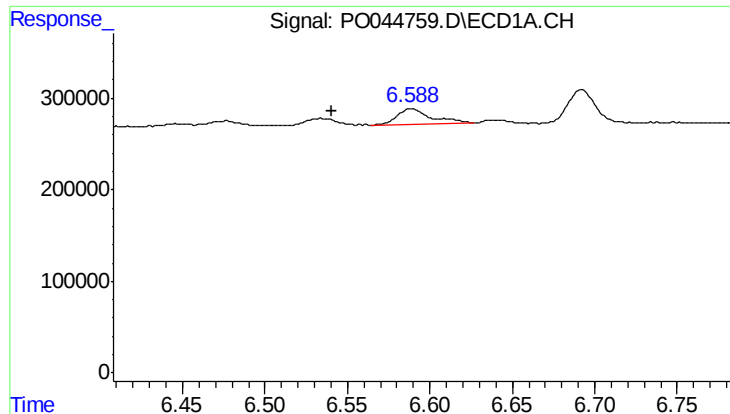
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T.: 6.457 min
Response: 0
Conc: N.D.



#27 AR-1254-2

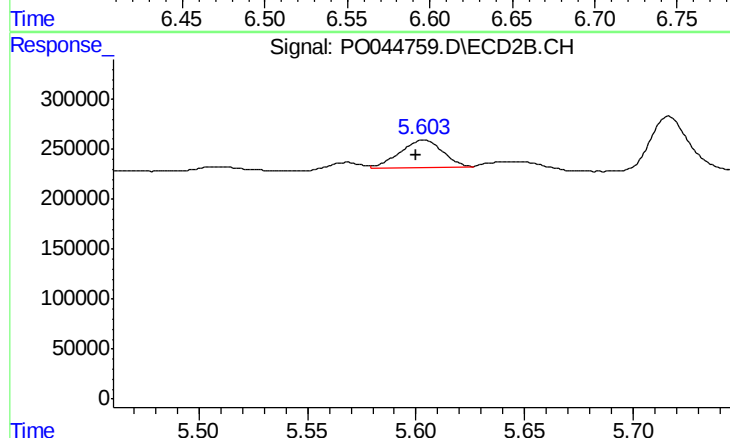
R.T.: 5.209 min
Delta R.T.: -0.006 min
Response: 232631
Conc: 16.51 ng/ml



#28 AR-1254-3

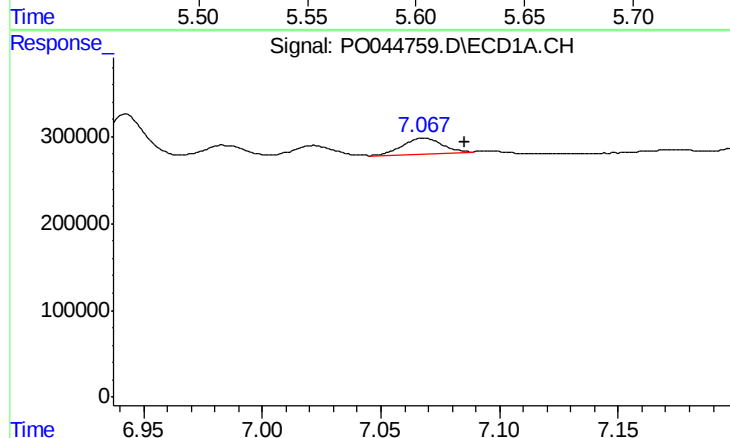
R.T.: 6.588 min
Delta R.T.: 0.048 min
Response: 245205
Conc: 19.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109269BSD



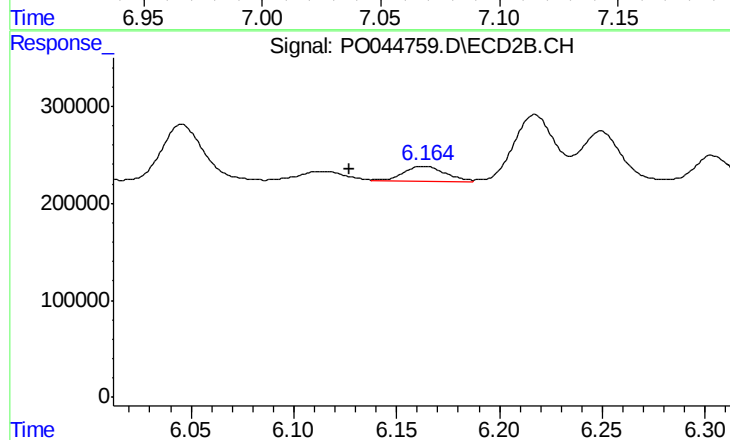
#28 AR-1254-3

R.T.: 5.603 min
Delta R.T.: 0.003 min
Response: 368462
Conc: 15.76 ng/ml



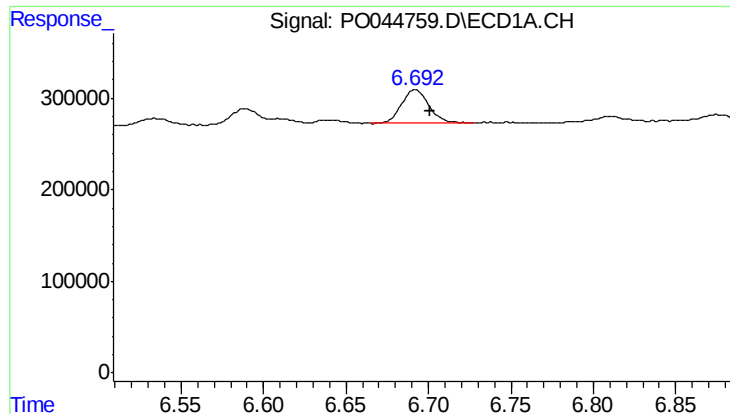
#30 AR-1254-5

R.T.: 7.068 min
Delta R.T.: -0.017 min
Response: 201076
Conc: 26.05 ng/ml



#30 AR-1254-5

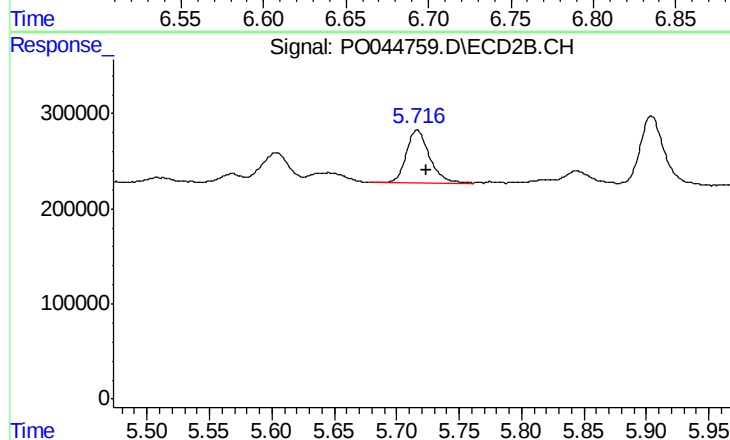
R.T.: 6.163 min
Delta R.T.: 0.036 min
Response: 220186
Conc: 20.05 ng/ml



#31 AR-1260-1

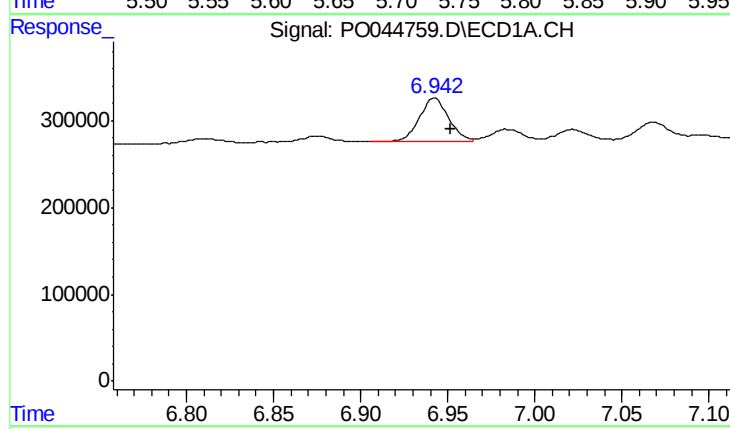
R.T.: 6.692 min
Delta R.T.: -0.009 min
Response: 417692
Conc: 44.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109269BSD



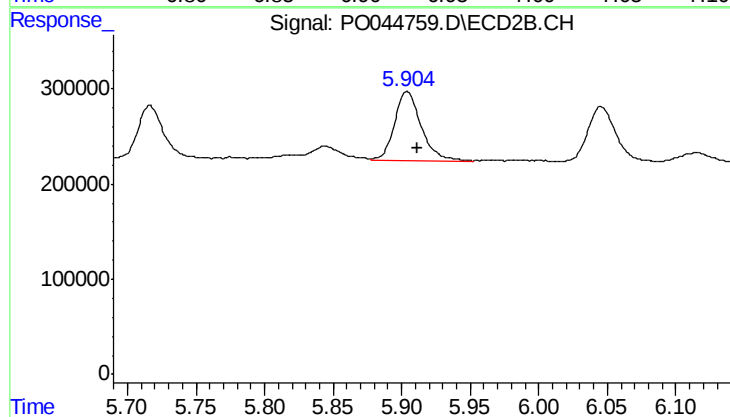
#31 AR-1260-1

R.T.: 5.716 min
Delta R.T.: -0.007 min
Response: 712154
Conc: 44.89 ng/ml



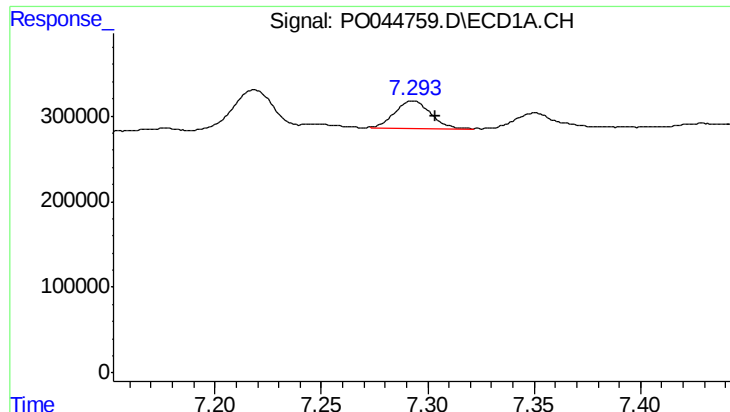
#32 AR-1260-2

R.T.: 6.942 min
Delta R.T.: -0.009 min
Response: 590474
Conc: 46.58 ng/ml



#32 AR-1260-2

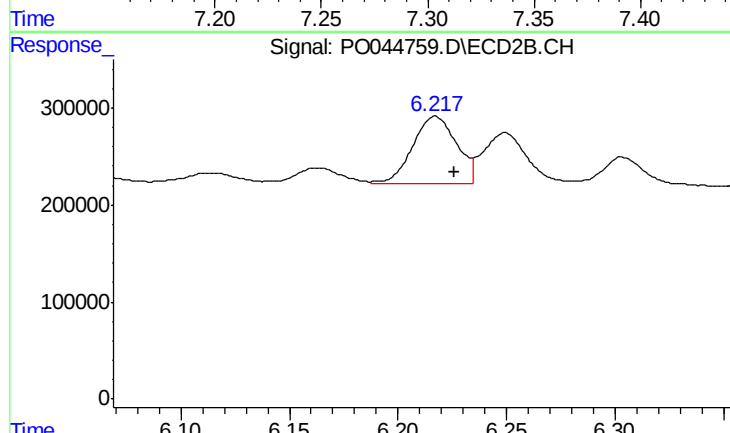
R.T.: 5.904 min
Delta R.T.: -0.008 min
Response: 987999
Conc: 45.52 ng/ml



#33 AR-1260-3

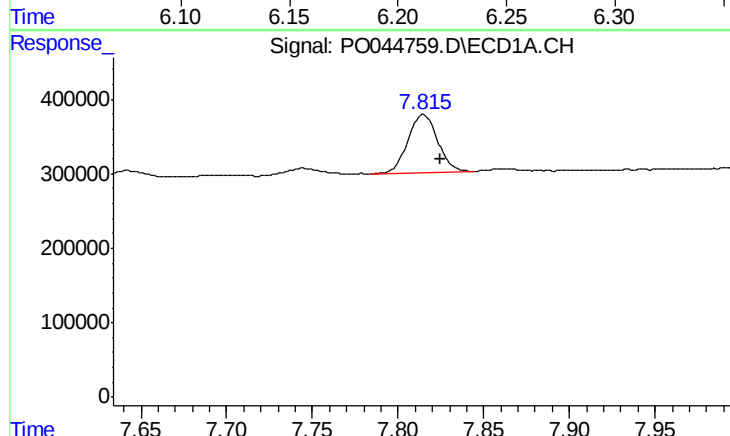
R.T.: 7.293 min
Delta R.T.: -0.010 min
Response: 367021
Conc: 34.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109269BSD



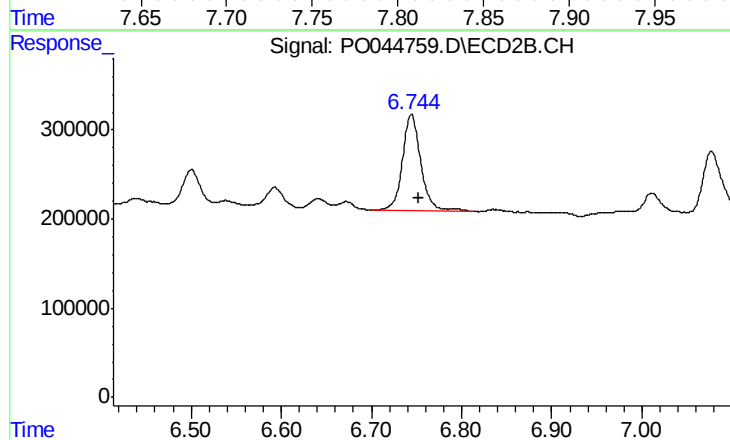
#33 AR-1260-3

R.T.: 6.217 min
Delta R.T.: -0.009 min
Response: 980994
Conc: 45.67 ng/ml



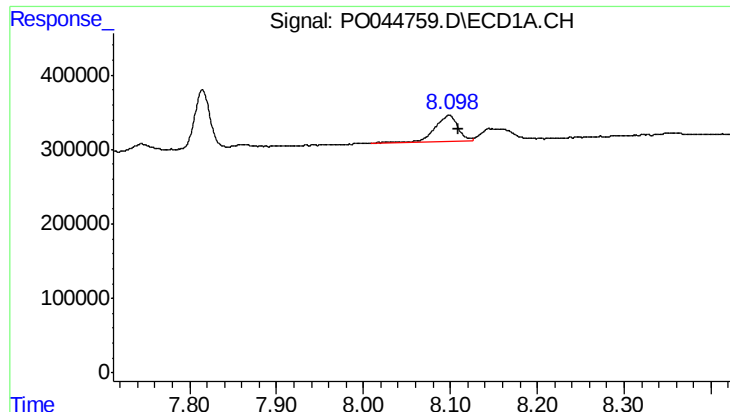
#34 AR-1260-4

R.T.: 7.815 min
Delta R.T.: -0.010 min
Response: 947322
Conc: 39.95 ng/ml



#34 AR-1260-4

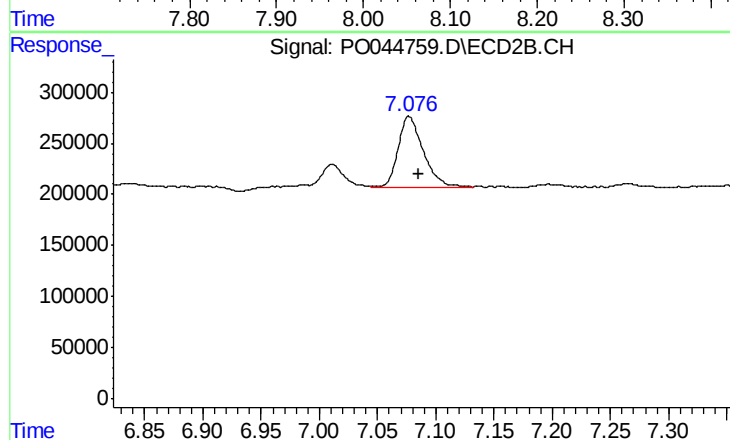
R.T.: 6.744 min
Delta R.T.: -0.008 min
Response: 1555415
Conc: 36.65 ng/ml



#35 AR-1260-5

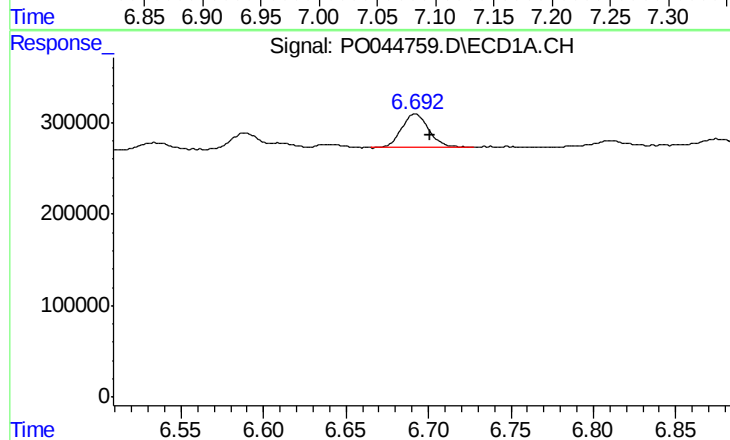
R.T.: 8.099 min
Delta R.T.: -0.010 min
Response: 622733
Conc: 42.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109269BSD



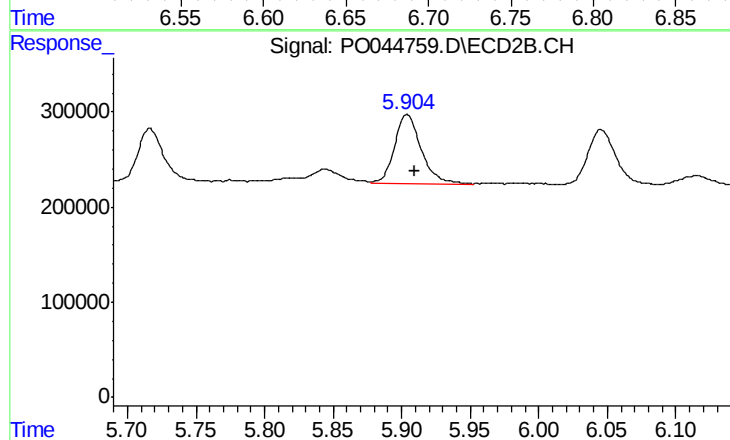
#35 AR-1260-5

R.T.: 7.077 min
Delta R.T.: -0.008 min
Response: 1041352
Conc: 35.80 ng/ml



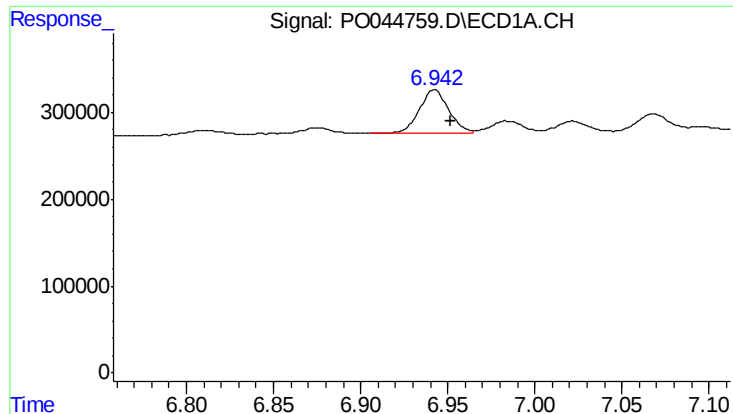
#36 AR-1262-1

R.T.: 6.692 min
Delta R.T.: -0.009 min
Response: 417692
Conc: 53.13 ng/ml



#36 AR-1262-1

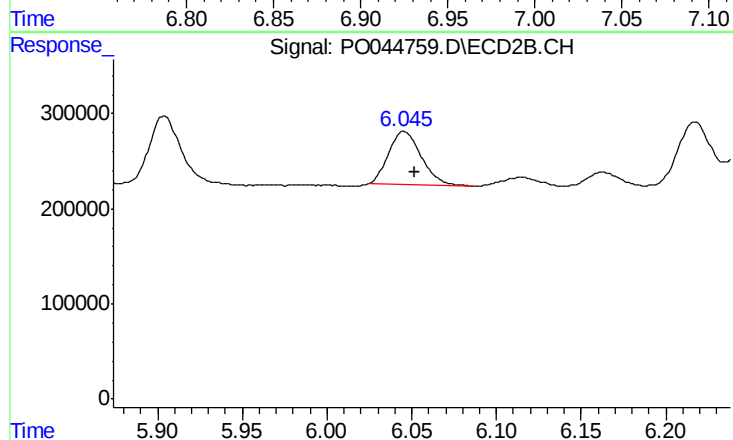
R.T.: 5.904 min
Delta R.T.: -0.006 min
Response: 987999
Conc: 55.06 ng/ml



#37 AR-1262-2

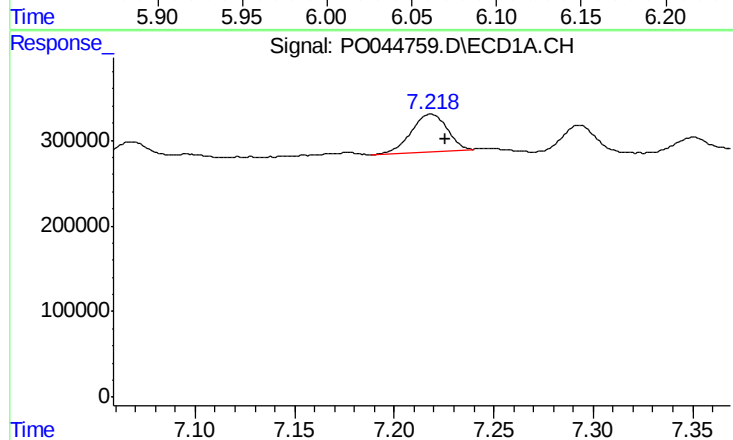
R.T.: 6.942 min
Delta R.T.: -0.009 min
Response: 590474
Conc: 56.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109269BSD



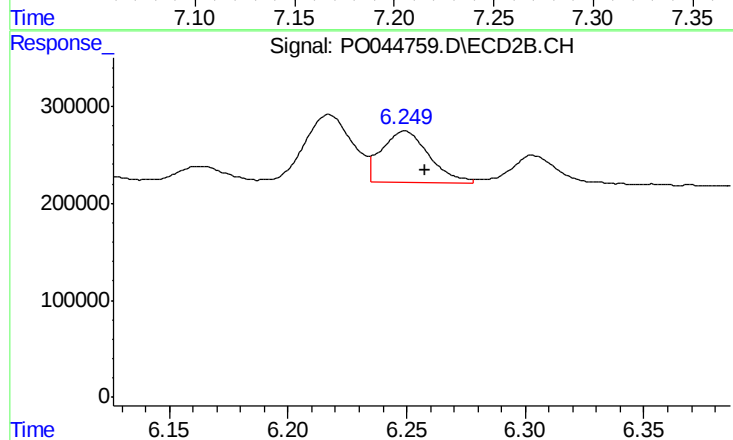
#37 AR-1262-2

R.T.: 6.045 min
Delta R.T.: -0.006 min
Response: 739006
Conc: 43.87 ng/ml



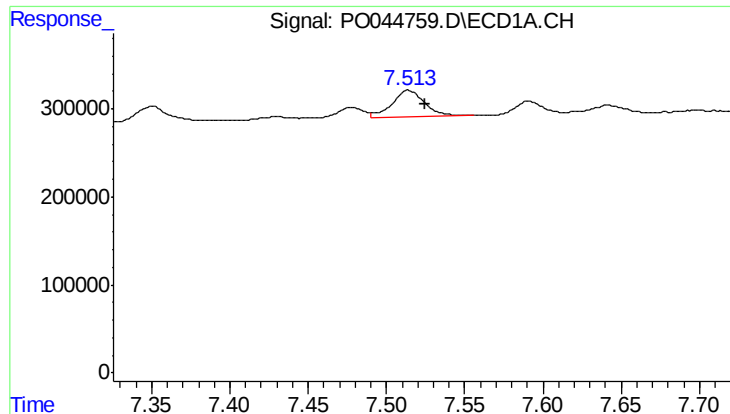
#38 AR-1262-3

R.T.: 7.219 min
Delta R.T.: -0.007 min
Response: 545862
Conc: 54.38 ng/ml



#38 AR-1262-3

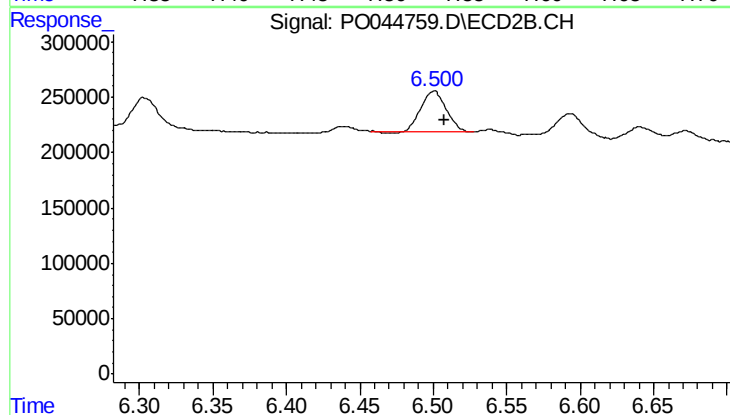
R.T.: 6.249 min
Delta R.T.: -0.009 min
Response: 745990
Conc: 25.15 ng/ml



#39 AR-1262-4

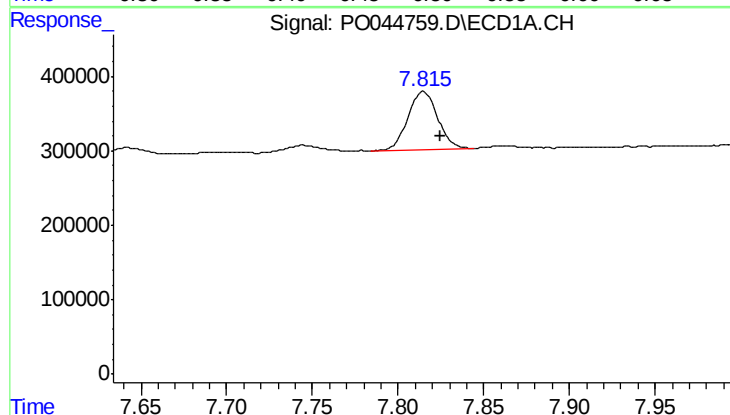
R.T.: 7.514 min
Delta R.T.: -0.010 min
Response: 439416
Conc: 31.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109269BSD



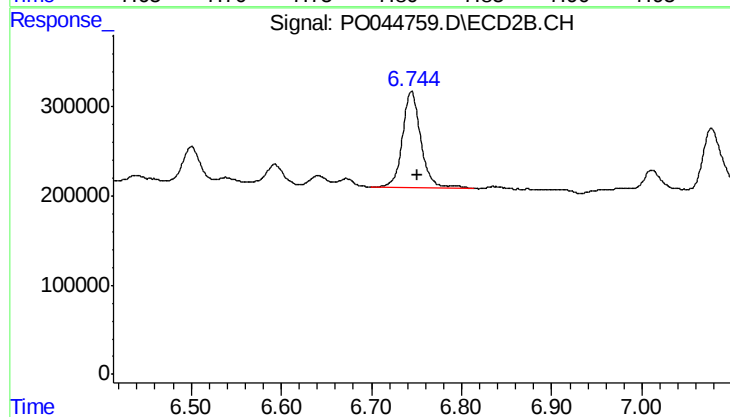
#39 AR-1262-4

R.T.: 6.500 min
Delta R.T.: -0.007 min
Response: 438366
Conc: 17.94 ng/ml



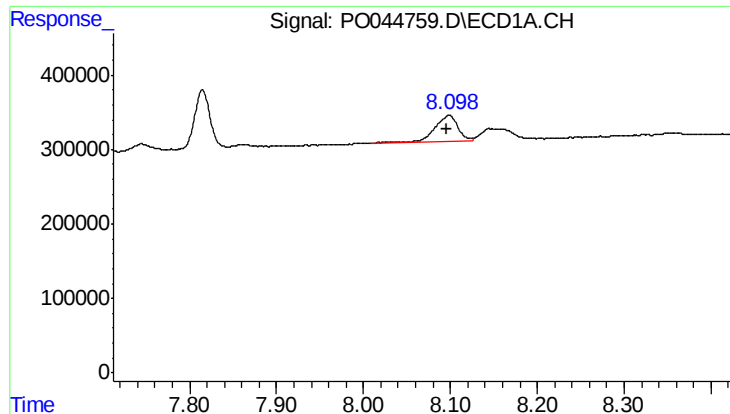
#40 AR-1262-5

R.T.: 7.815 min
Delta R.T.: -0.010 min
Response: 947322
Conc: 31.10 ng/ml



#40 AR-1262-5

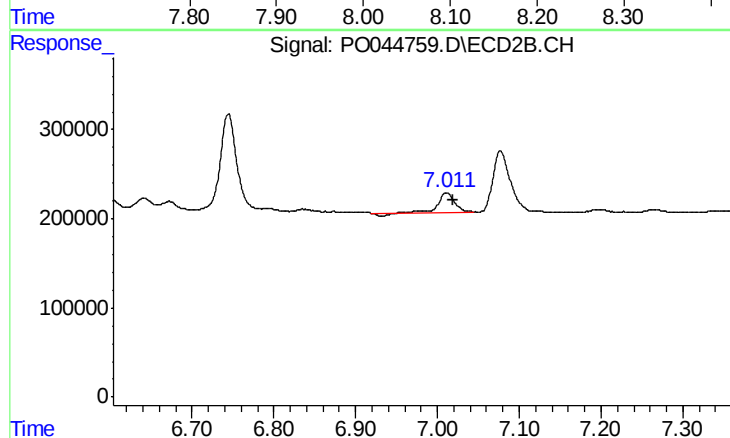
R.T.: 6.744 min
Delta R.T.: -0.007 min
Response: 1555415
Conc: 28.48 ng/ml



#41 AR-1268-1

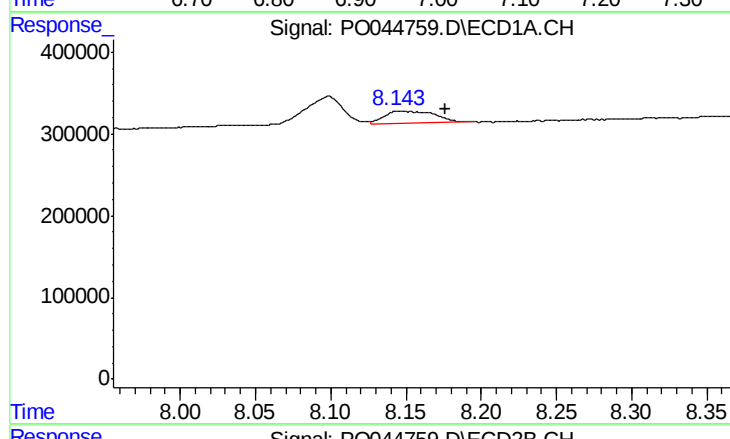
R.T.: 8.099 min
Delta R.T.: 0.002 min
Response: 622733
Conc: 18.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109269BSD



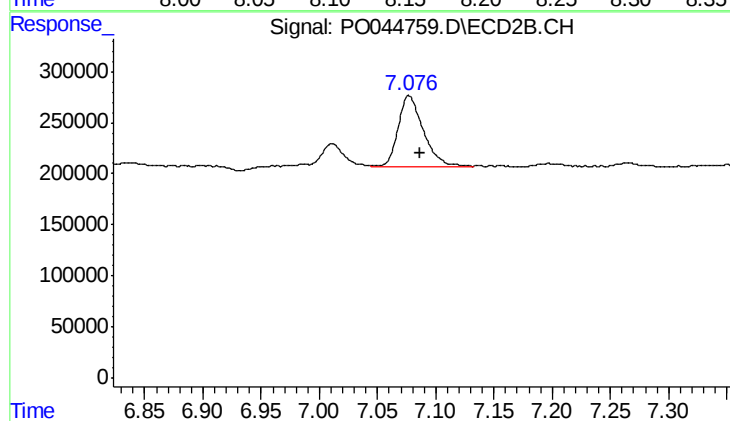
#41 AR-1268-1

R.T.: 7.011 min
Delta R.T.: -0.008 min
Response: 310964
Conc: 5.33 ng/ml



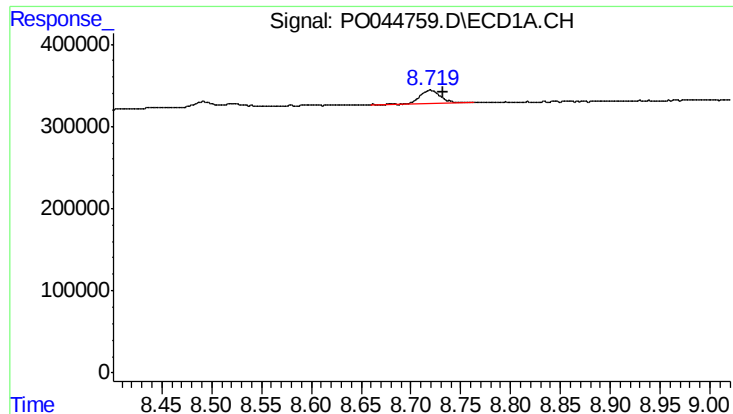
#42 AR-1268-2

R.T.: 8.146 min
Delta R.T.: -0.031 min
Response: 343698
Conc: 11.51 ng/ml



#42 AR-1268-2

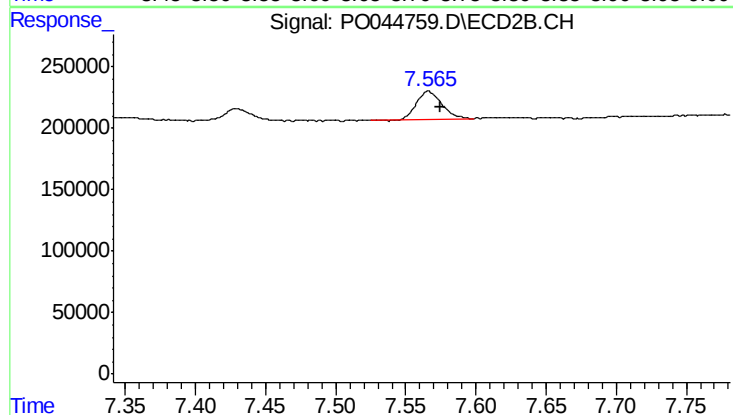
R.T.: 7.077 min
Delta R.T.: -0.009 min
Response: 1041352
Conc: 19.31 ng/ml



#44 AR-1268-4

R.T.: 8.720 min
Delta R.T.: -0.012 min
Response: 262948
Conc: 23.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109269BSD



#44 AR-1268-4

R.T.: 7.566 min
Delta R.T.: -0.008 min
Response: 286593
Conc: 15.28 ng/ml