

Data Path : P:\HPCHEM1\ECD 0\Data\P0012318\
 Data File : P0041685.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Jan 2018 18:14
 Operator : SM/UA
 Sample : J1202-01RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 23 04:06:30 2018
 Quant Method : P:\HPCHEM1\ECD_0\P0012318.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 23 01:50:31 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...	4.128	3.365	2879846	5017925	14.921	17.286
2) SA Decachlor...	9.535	8.167	2237747	3344875	9.524	9.353
Target Compounds						
3) L1 AR-1016-1	5.003	0.000	6646319	0	1283.685	N.D. #
5) L1 AR-1016-3	5.459	0.000	1106924	0	185.749	N.D. #
6) L1 AR-1016-4	5.653	4.837	593907	2209177	98.133	237.075 #
7) L1 AR-1016-5	5.858	4.972	653056	573988	101.099	57.893 #
8) L2 AR-1221-1	4.306	3.565	1317187	767604	708.184	298.734 #
9) L2 AR-1221-2	4.420	3.627	1488469	2190603	1047.811	1158.093
10) L2 AR-1221-3	4.499	3.779	1530694	12285666	330.787	1964.502 #
11) L3 AR-1232-1	4.499	3.779	1530694	12285666	436.787	2494.925 #
12) L3 AR-1232-2	5.202	4.359	627748	3701668	238.533	368.153 #
14) L3 AR-1232-4	0.000	4.541	0	411543	N.D.	132.821 #
15) L3 AR-1232-5	5.459	0.000	1106924	0	527.161	N.D. #
17) L4 AR-1242-2	5.202	4.359	627748	3701668	85.344	215.739 #
18) L4 AR-1242-3	5.459	4.541	1106924	411543	301.120	78.237 #
19) L4 AR-1242-4	5.653	0.000	593907	0	157.945	N.D. #
20) L4 AR-1242-5	5.858	4.837	653056	2209177	156.577	382.071 #
21) L5 AR-1248-1	5.653	4.837	593907	2209177	82.128	202.084 #
22) L5 AR-1248-2	5.858	4.972	653056	573988	104.171	59.031 #
23) L5 AR-1248-3	6.072	5.184	1553788	1792986	169.916	105.715 #
24) L5 AR-1248-4	6.161	5.214	2152304	2353776	240.180	174.322 #
25) L5 AR-1248-5	6.342	5.723	617308	73496350	103.335	9538.208 #
26) L6 AR-1254-1	6.300	5.184	31766980	1792986	2256.664	96.940 #
27) L6 AR-1254-2	6.566	5.337	44823634	45846060	5153.672	2772.473 #
28) L6 AR-1254-3	6.672	5.723	60405461	73496350	3897.349	2671.422 #
29) L6 AR-1254-4	6.939	5.915	504064	1644785	38.426	84.409 #
30) L6 AR-1254-5	7.202	6.187	245228	5297090	26.050	399.912 #
31) L7 AR-1260-1	6.822	5.830	1746876	1066870	138.865	49.978 #
32) L7 AR-1260-2	7.064	6.015	37797538	938933	2172.348	29.726 #
33) L7 AR-1260-3	7.371	6.187	2325649	5297090	115.867	202.952 #
34) L7 AR-1260-4	7.428	6.332	561246	2838532	47.717	83.248 #
35) L7 AR-1260-5	7.949	6.862	1131613	1762468	43.023	32.849
36) L8 AR-1262-1	6.822	6.015	1746876	938933	184.706	42.274 #
37) L8 AR-1262-2	7.064	6.187	37797538	5297090	3246.440	263.400 #
38) L8 AR-1262-3	7.371	6.368	2325649	1009935	202.115	27.248 #
39) L8 AR-1262-4	7.646	6.618	1273008	867275	82.983	31.313 #
40) L8 AR-1262-5	7.949	6.862	1131613	1762468	35.152	27.818
41) L9 AR-1268-1	8.230	7.136	800980	720256	21.197	9.828 #

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 Acq On : 22 Jan 2018 18:14
 Operator : SM/UA
 Sample : J1202-01RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

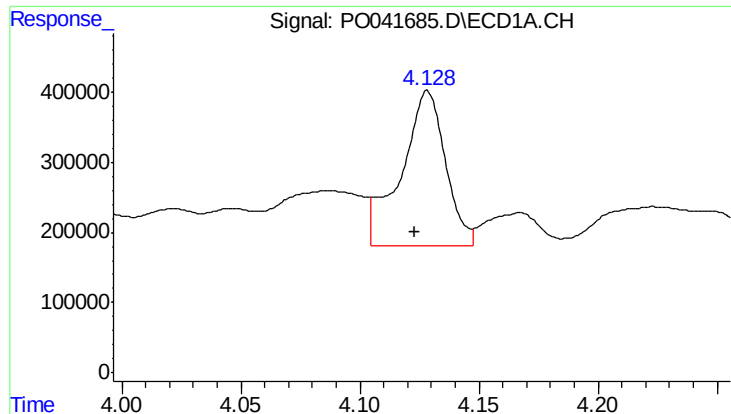
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 23 04:06:30 2018
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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
42) L9	AR-1268-2	8.279	7.200	1365597	1303013	41.157	20.154 #
43) L9	AR-1268-3	0.000	7.395	0	386967	N.D.	7.082 #
44) L9	AR-1268-4	8.885	7.687	507099	588200	40.684	26.478 #
45) L9	AR-1268-5	0.000	7.951	0	528756	N.D.	3.673 #

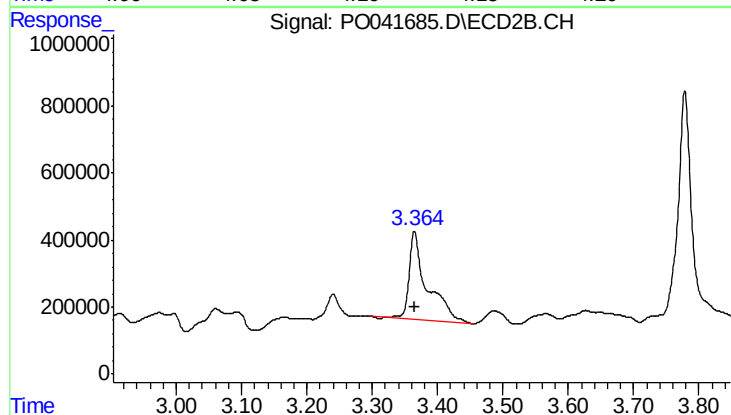
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

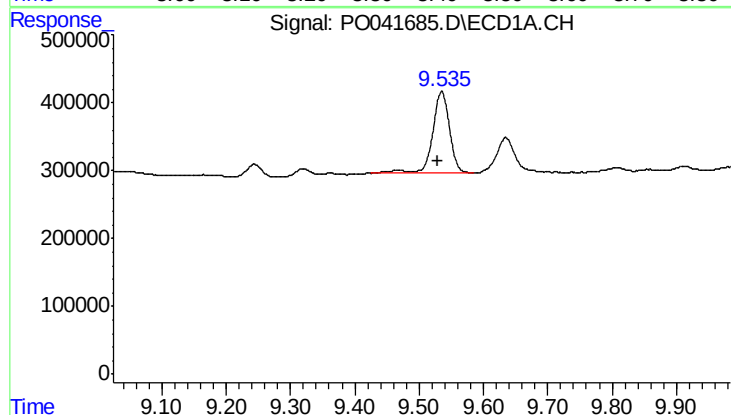
R.T.: 4.128 min
Delta R.T.: 0.005 min
Response: 2879846
Conc: 14.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



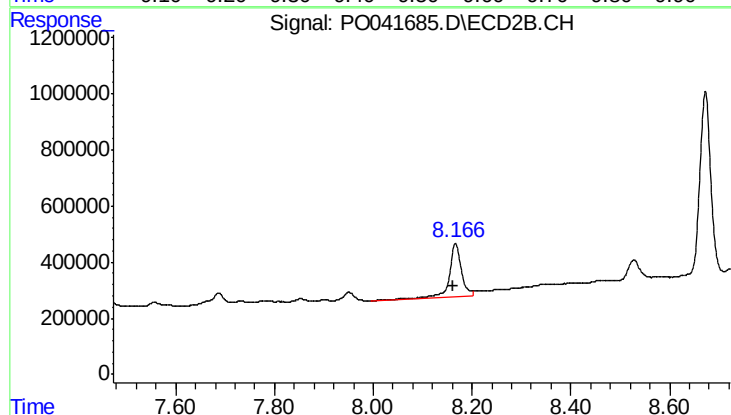
#1 Tetrachloro-m-xylene

R.T.: 3.365 min
Delta R.T.: -0.001 min
Response: 5017925
Conc: 17.29 ng/ml



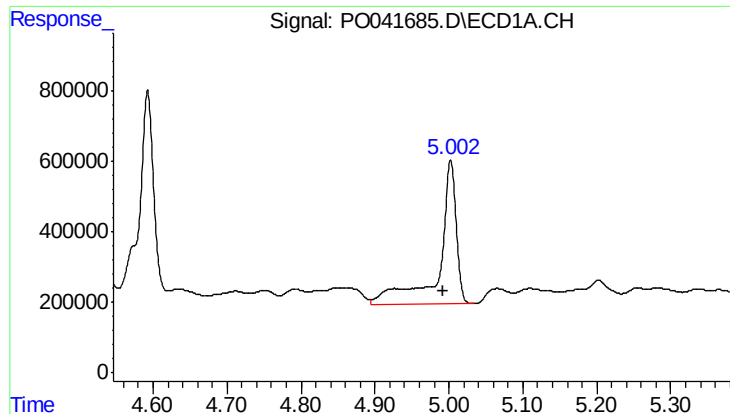
#2 Decachlorobiphenyl

R.T.: 9.535 min
Delta R.T.: 0.007 min
Response: 2237747
Conc: 9.52 ng/ml



#2 Decachlorobiphenyl

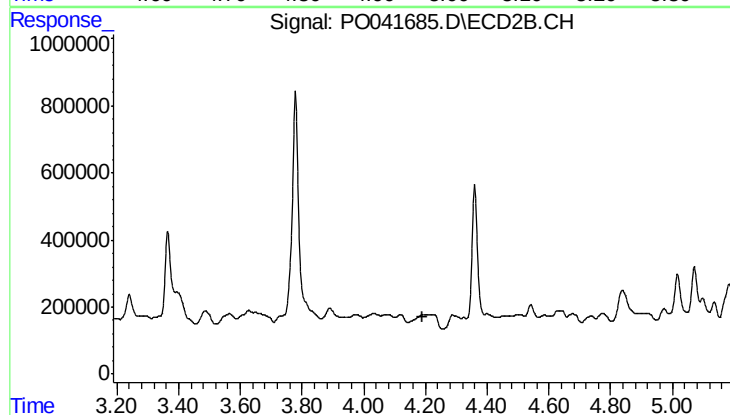
R.T.: 8.167 min
Delta R.T.: 0.004 min
Response: 3344875
Conc: 9.35 ng/ml



#3 AR-1016-1

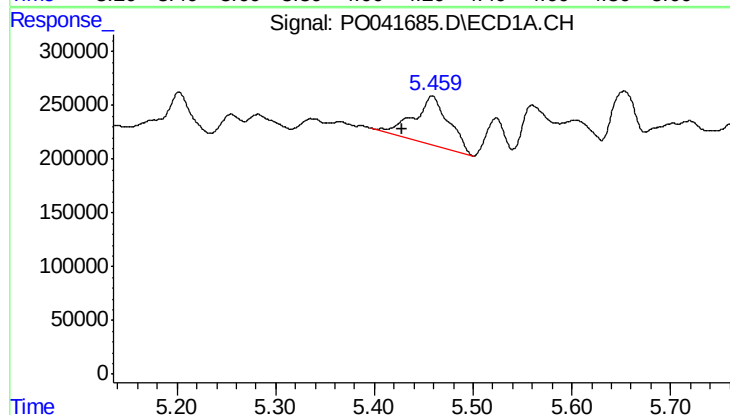
R.T.: 5.003 min
Delta R.T.: 0.011 min
Response: 6646319
Conc: 1283.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



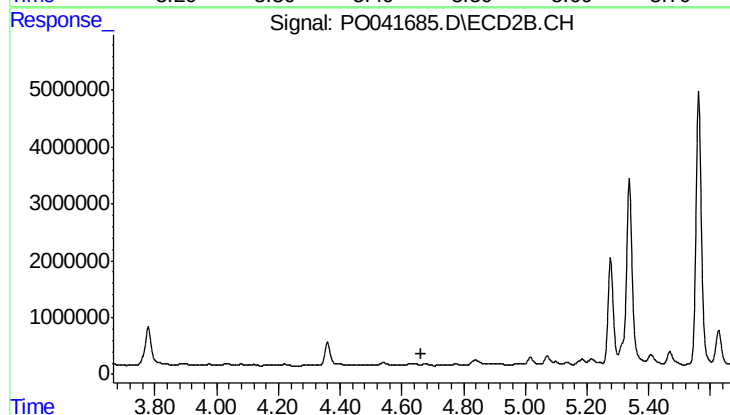
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T.: 4.189 min
Response: 0
Conc: N.D.



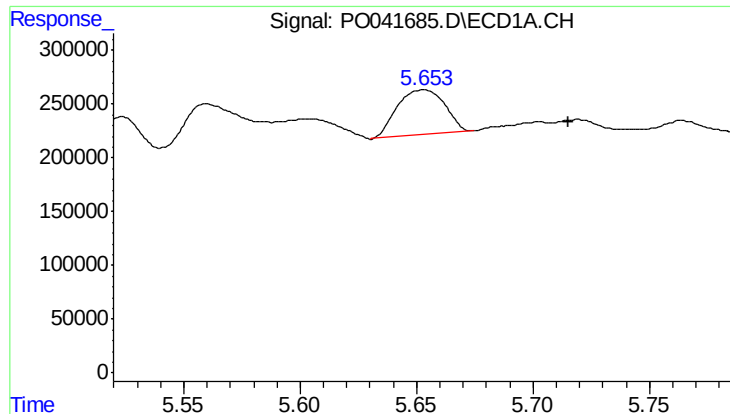
#5 AR-1016-3

R.T.: 5.459 min
Delta R.T.: 0.030 min
Response: 1106924
Conc: 185.75 ng/ml



#5 AR-1016-3

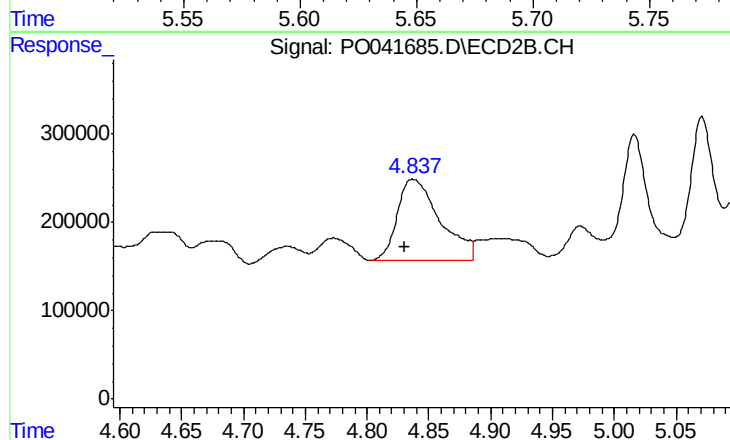
R.T.: 0.000 min
Exp R.T.: 4.665 min
Response: 0
Conc: N.D.



#6 AR-1016-4

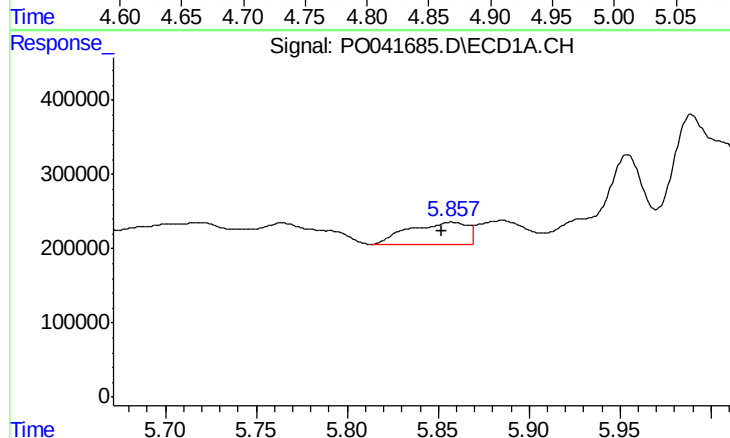
R.T.: 5.653 min
Delta R.T.: -0.062 min
Response: 593907
Conc: 98.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



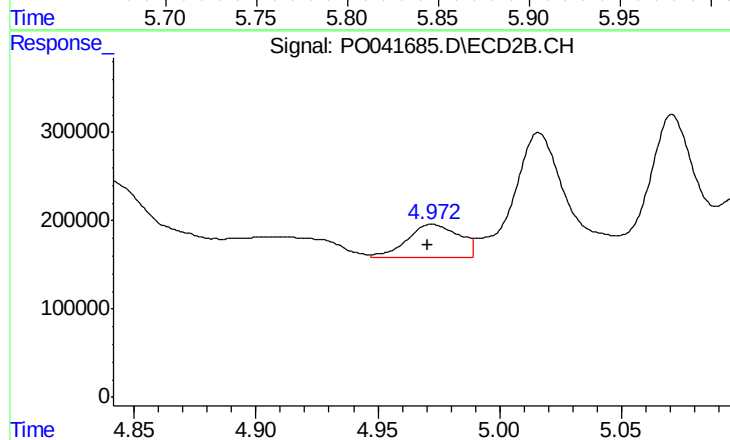
#6 AR-1016-4

R.T.: 4.837 min
Delta R.T.: 0.007 min
Response: 2209177
Conc: 237.08 ng/ml



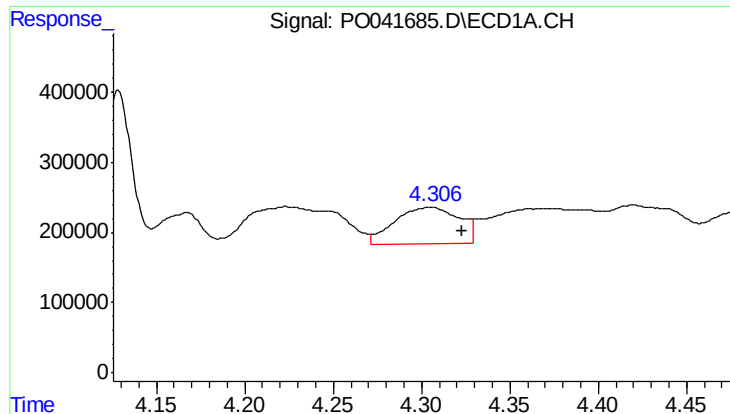
#7 AR-1016-5

R.T.: 5.858 min
Delta R.T.: 0.006 min
Response: 653056
Conc: 101.10 ng/ml



#7 AR-1016-5

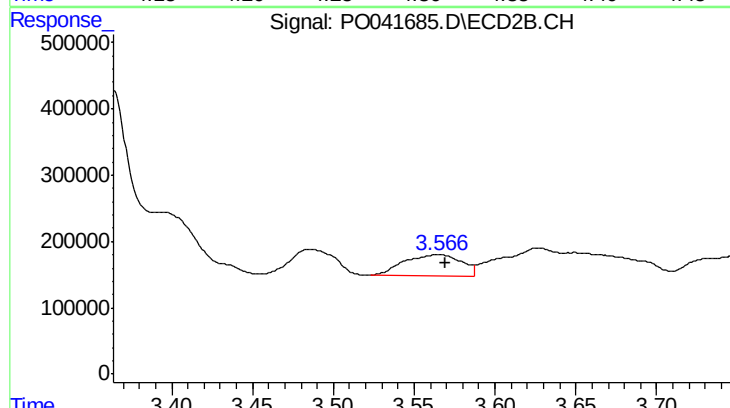
R.T.: 4.972 min
Delta R.T.: 0.002 min
Response: 573988
Conc: 57.89 ng/ml



#8 AR-1221-1

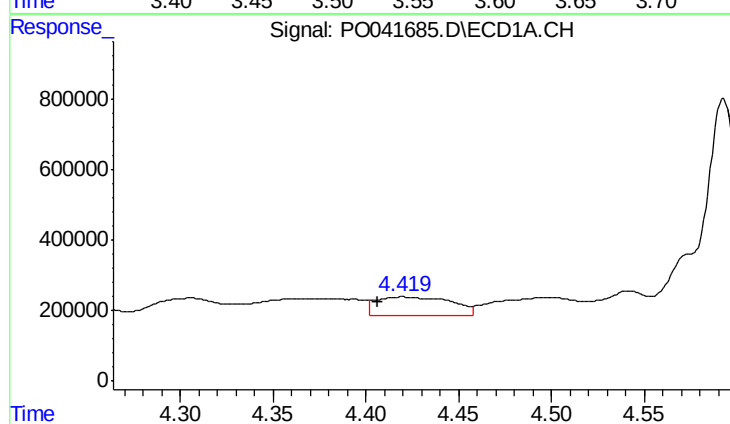
R.T.: 4.306 min
Delta R.T.: -0.018 min
Response: 1317187
Conc: 708.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



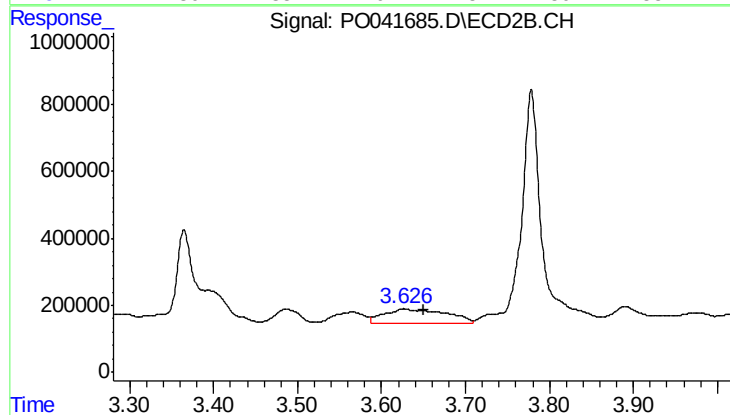
#8 AR-1221-1

R.T.: 3.565 min
Delta R.T.: -0.004 min
Response: 767604
Conc: 298.73 ng/ml



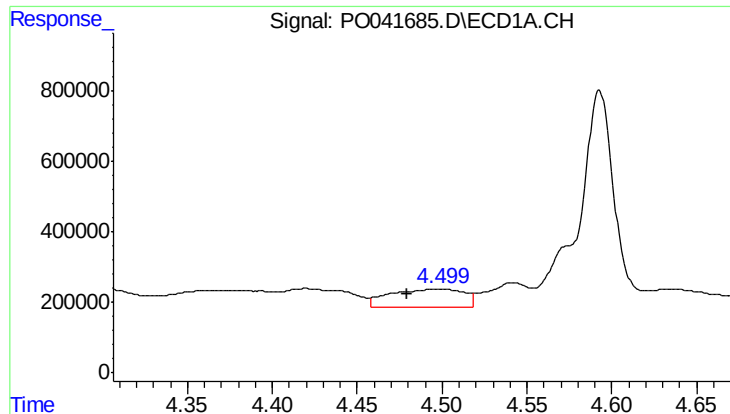
#9 AR-1221-2

R.T.: 4.420 min
Delta R.T.: 0.013 min
Response: 1488469
Conc: 1047.81 ng/ml



#9 AR-1221-2

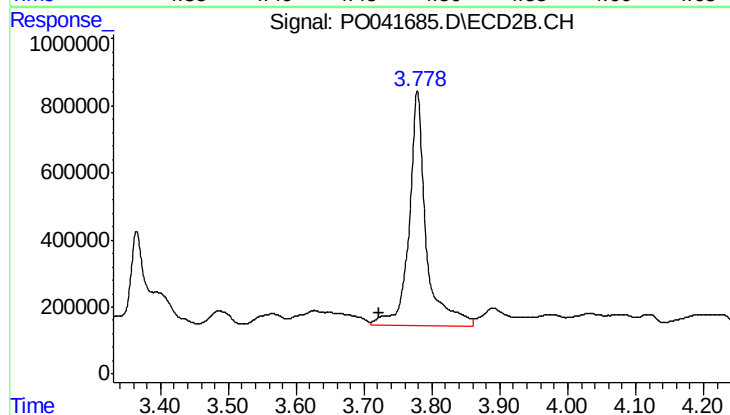
R.T.: 3.627 min
Delta R.T.: -0.024 min
Response: 2190603
Conc: 1158.09 ng/ml



#10 AR-1221-3

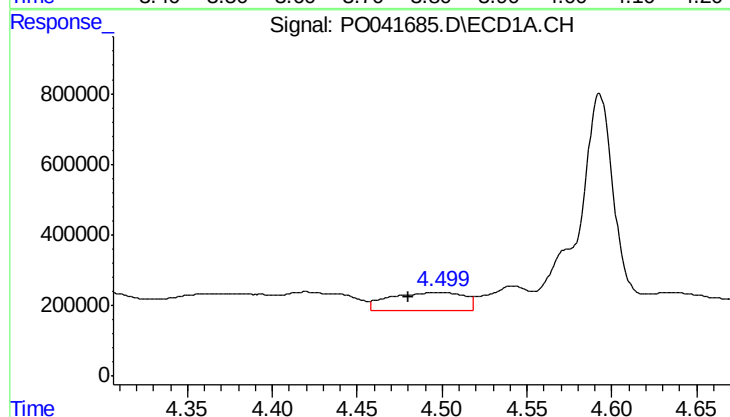
R.T.: 4.499 min
Delta R.T.: 0.020 min
Response: 1530694
Conc: 330.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



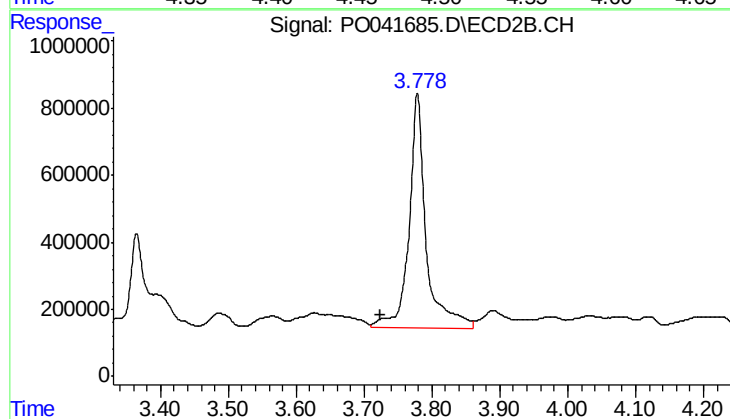
#10 AR-1221-3

R.T.: 3.779 min
Delta R.T.: 0.056 min
Response: 12285666
Conc: 1964.50 ng/ml



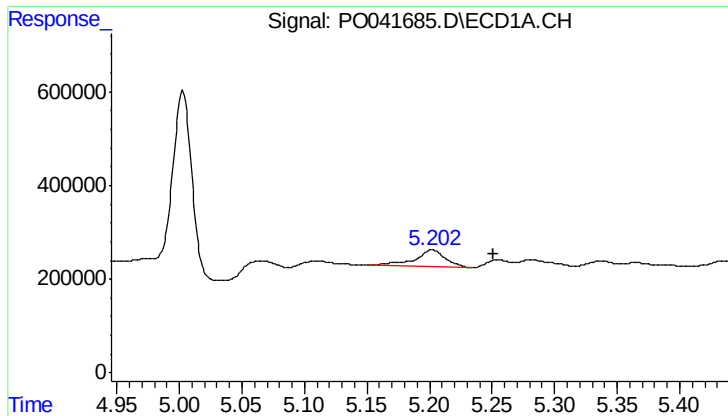
#11 AR-1232-1

R.T.: 4.499 min
Delta R.T.: 0.019 min
Response: 1530694
Conc: 436.79 ng/ml



#11 AR-1232-1

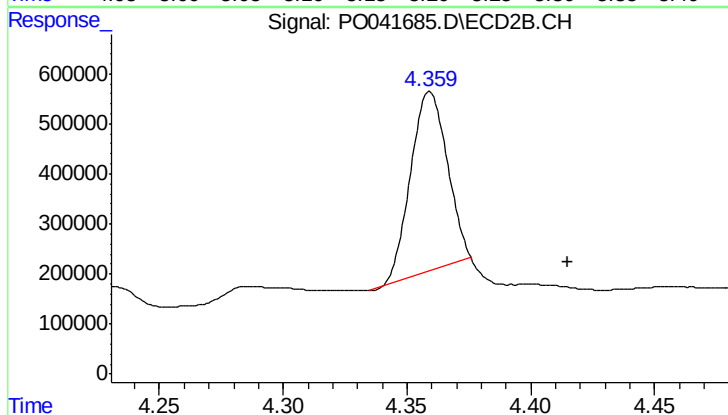
R.T.: 3.779 min
Delta R.T.: 0.055 min
Response: 12285666
Conc: 2494.93 ng/ml



#12 AR-1232-2

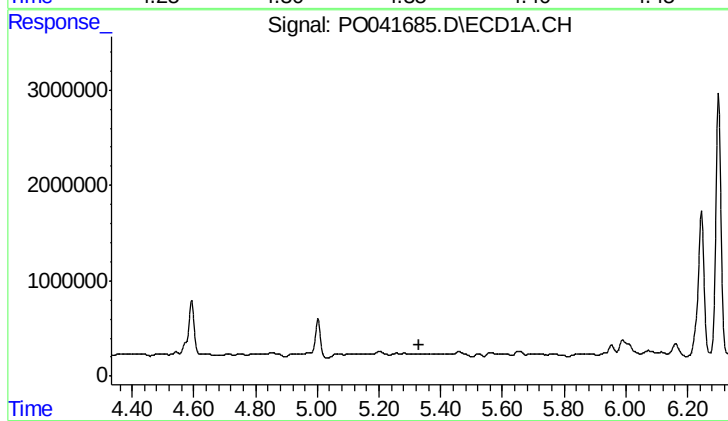
R.T.: 5.202 min
Delta R.T.: -0.049 min
Response: 627748
Conc: 238.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



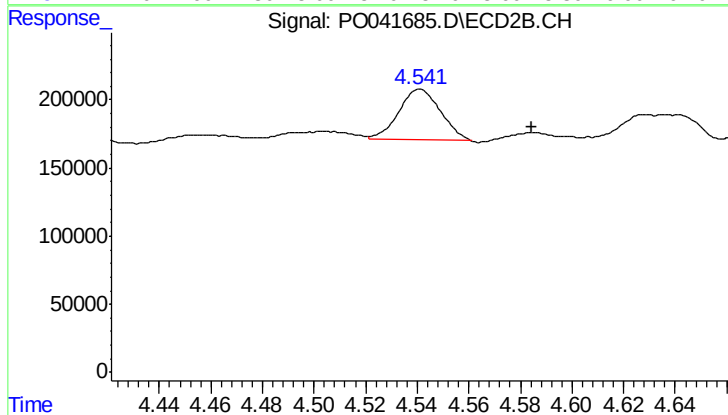
#12 AR-1232-2

R.T.: 4.359 min
Delta R.T.: -0.056 min
Response: 3701668
Conc: 368.15 ng/ml



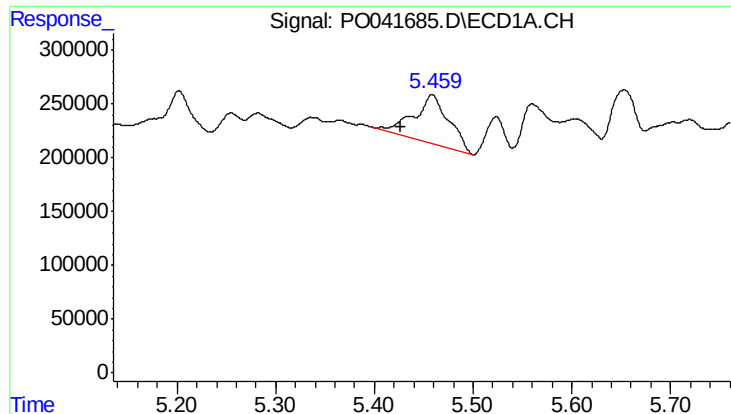
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.333 min
Response: 0
Conc: N.D.



#14 AR-1232-4

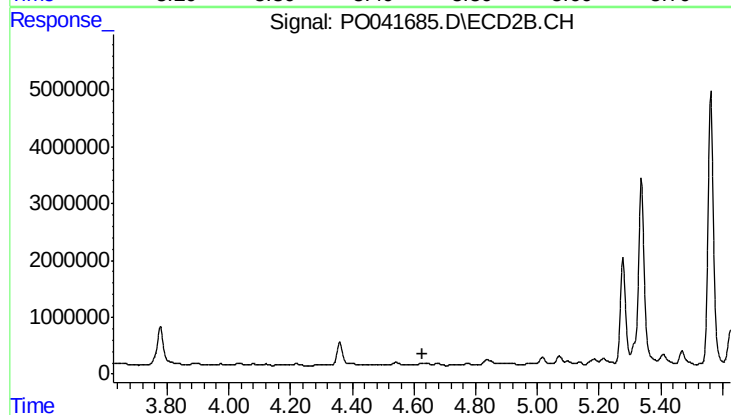
R.T.: 4.541 min
Delta R.T.: -0.043 min
Response: 411543
Conc: 132.82 ng/ml



#15 AR-1232-5

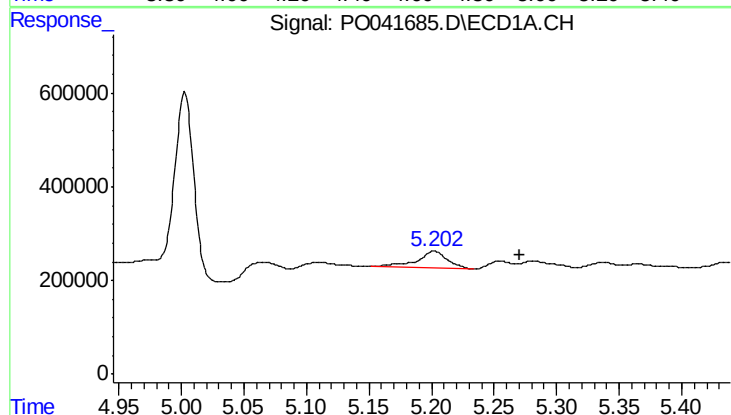
R.T.: 5.459 min
Delta R.T.: 0.031 min
Response: 1106924
Conc: 527.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



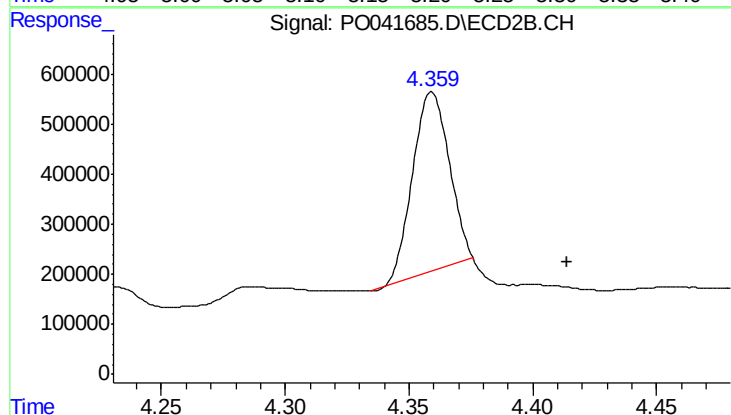
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 4.626 min
Response: 0
Conc: N.D.



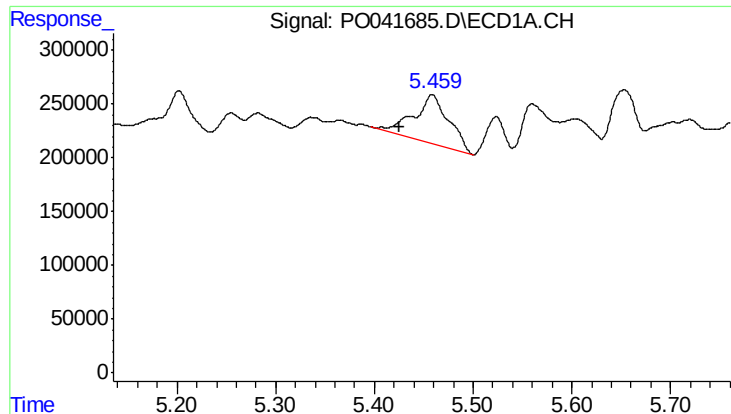
#17 AR-1242-2

R.T.: 5.202 min
Delta R.T.: -0.069 min
Response: 627748
Conc: 85.34 ng/ml



#17 AR-1242-2

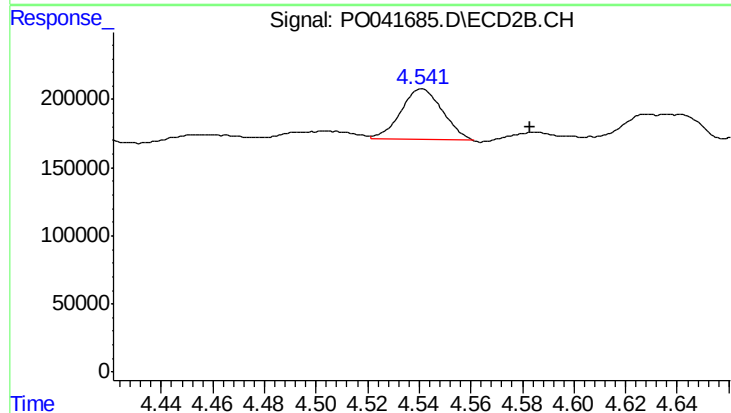
R.T.: 4.359 min
Delta R.T.: -0.055 min
Response: 3701668
Conc: 215.74 ng/ml



#18 AR-1242-3

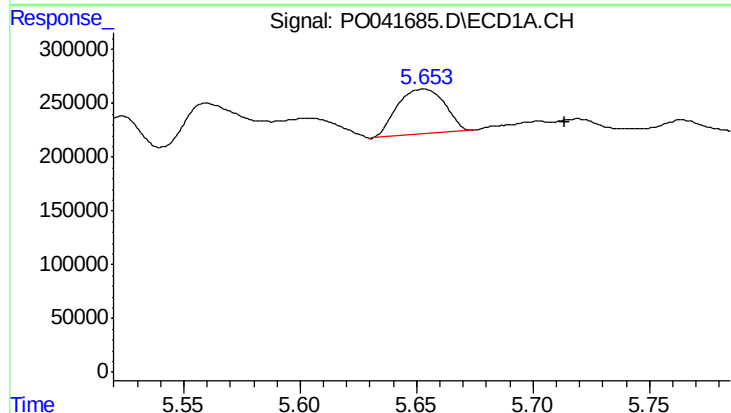
R.T.: 5.459 min
Delta R.T.: 0.033 min
Response: 1106924
Conc: 301.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



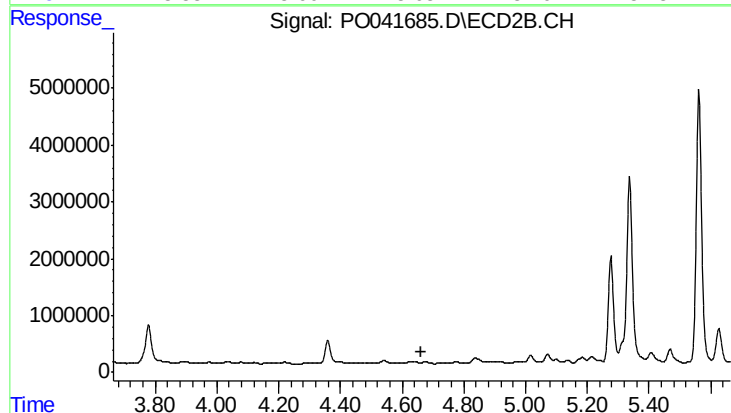
#18 AR-1242-3

R.T.: 4.541 min
Delta R.T.: -0.042 min
Response: 411543
Conc: 78.24 ng/ml



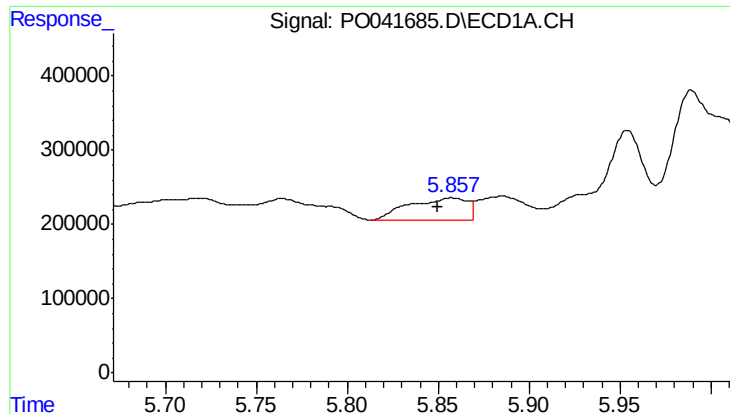
#19 AR-1242-4

R.T.: 5.653 min
Delta R.T.: -0.061 min
Response: 593907
Conc: 157.95 ng/ml



#19 AR-1242-4

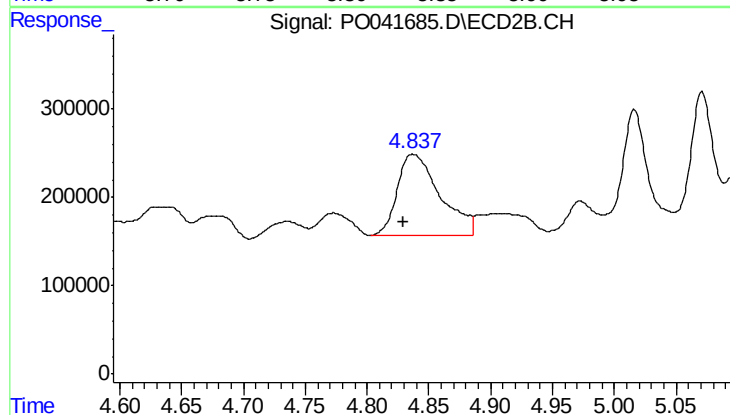
R.T.: 0.000 min
Exp R.T.: 4.664 min
Response: 0
Conc: N.D.



#20 AR-1242-5

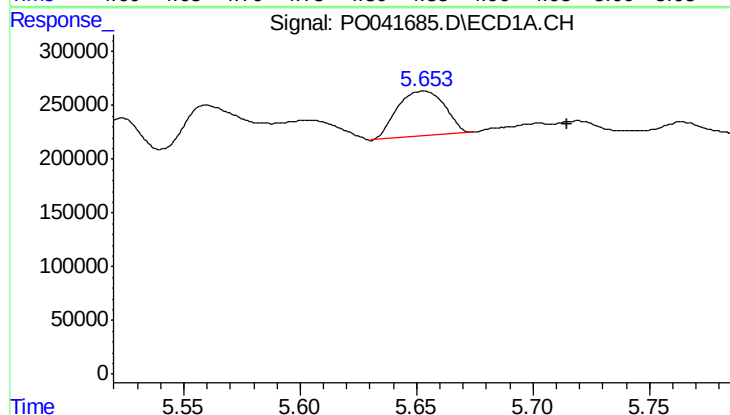
R.T.: 5.858 min
Delta R.T.: 0.008 min
Response: 653056
Conc: 156.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



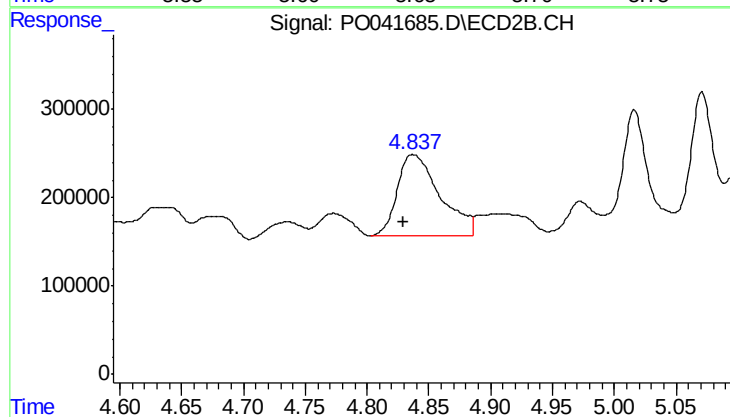
#20 AR-1242-5

R.T.: 4.837 min
Delta R.T.: 0.008 min
Response: 2209177
Conc: 382.07 ng/ml



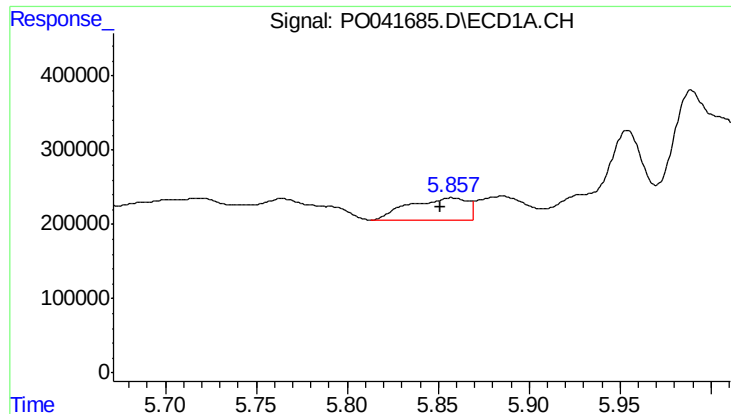
#21 AR-1248-1

R.T.: 5.653 min
Delta R.T.: -0.002 min
Response: 593907
Conc: 82.13 ng/ml



#21 AR-1248-1

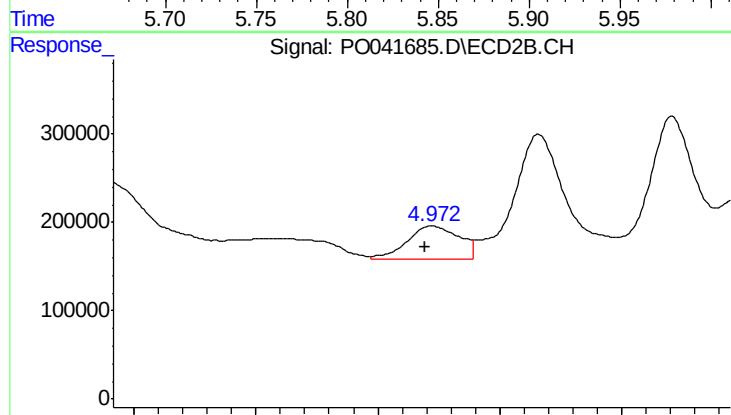
R.T.: 4.837 min
Delta R.T.: 0.008 min
Response: 2209177
Conc: 202.08 ng/ml



#22 AR-1248-2

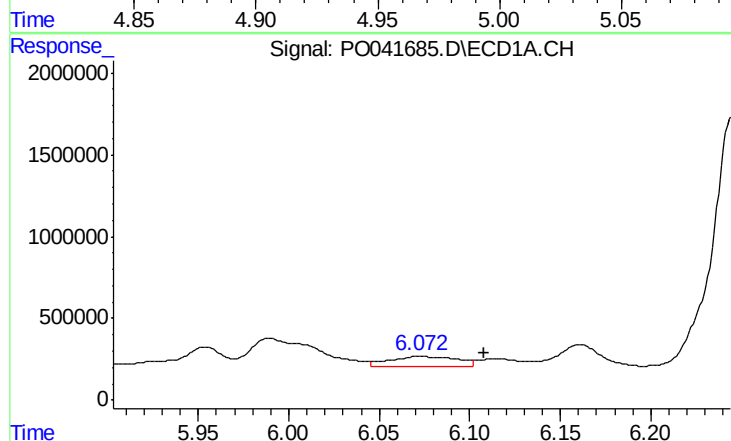
R.T.: 5.858 min
Delta R.T.: 0.007 min
Response: 653056
Conc: 104.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



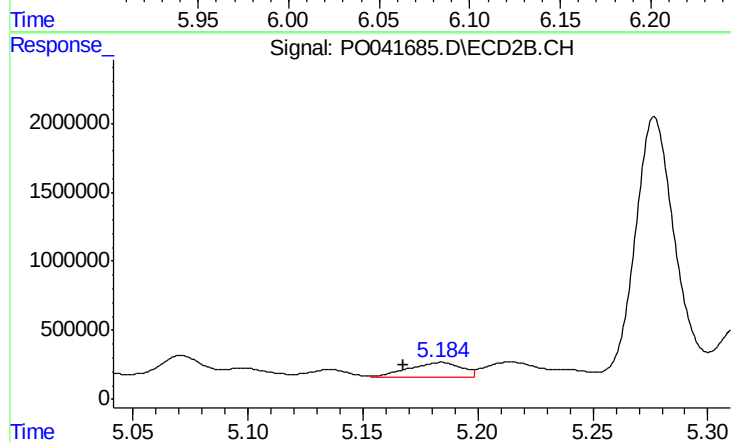
#22 AR-1248-2

R.T.: 4.972 min
Delta R.T.: 0.003 min
Response: 573988
Conc: 59.03 ng/ml



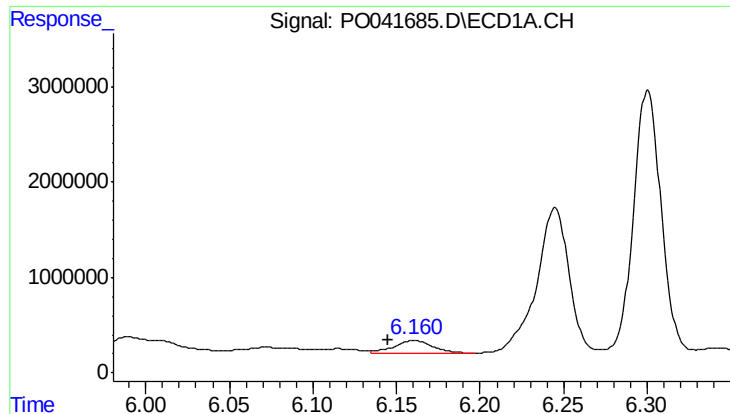
#23 AR-1248-3

R.T.: 6.072 min
Delta R.T.: -0.035 min
Response: 1553788
Conc: 169.92 ng/ml



#23 AR-1248-3

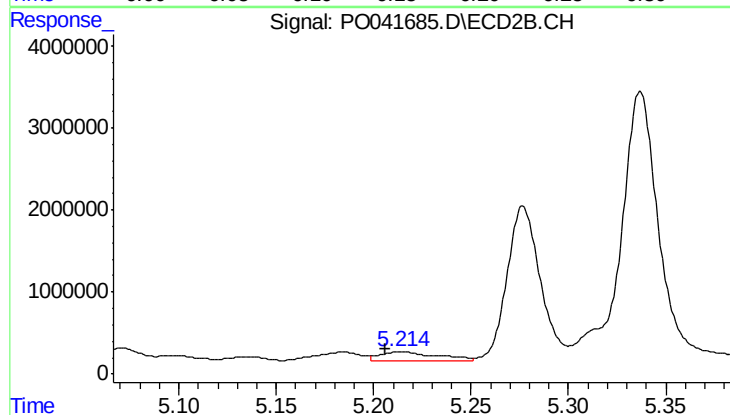
R.T.: 5.184 min
Delta R.T.: 0.017 min
Response: 1792986
Conc: 105.72 ng/ml



#24 AR-1248-4

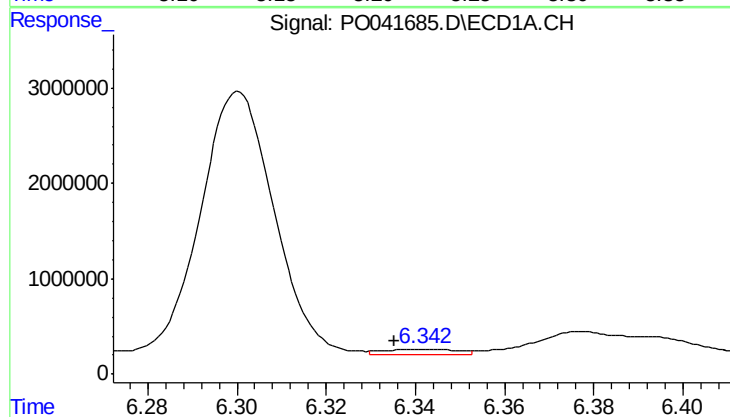
R.T.: 6.161 min
Delta R.T.: 0.016 min
Response: 2152304
Conc: 240.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



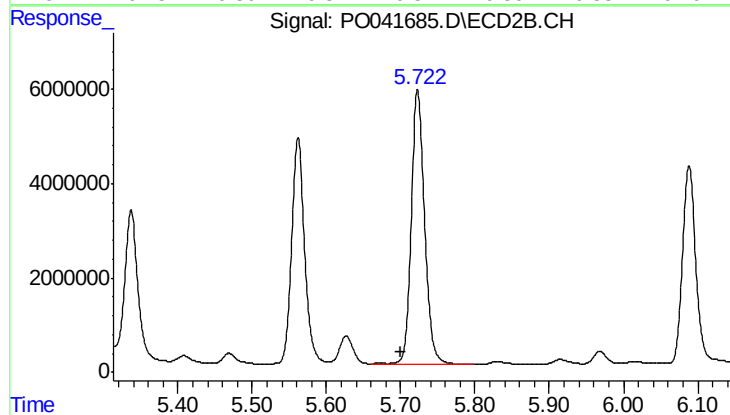
#24 AR-1248-4

R.T.: 5.214 min
Delta R.T.: 0.008 min
Response: 2353776
Conc: 174.32 ng/ml



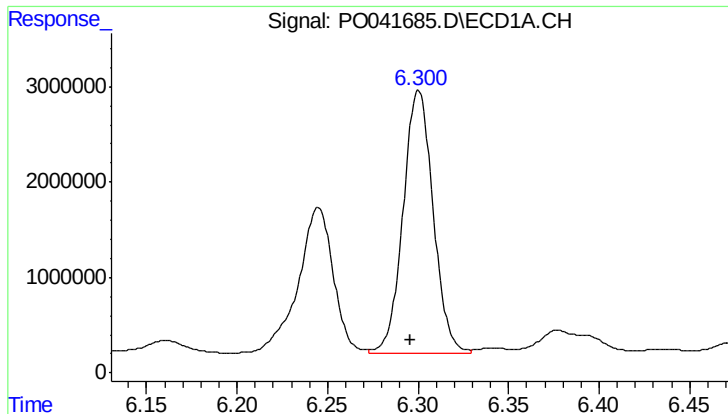
#25 AR-1248-5

R.T.: 6.342 min
Delta R.T.: 0.006 min
Response: 617308
Conc: 103.34 ng/ml



#25 AR-1248-5

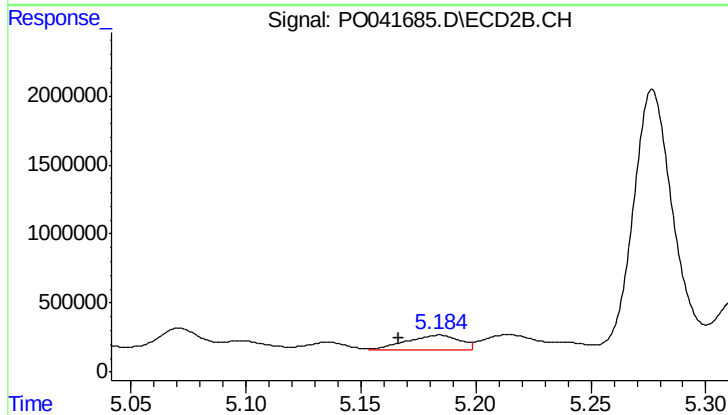
R.T.: 5.723 min
Delta R.T.: 0.023 min
Response: 73496350
Conc: 9538.21 ng/ml



#26 AR-1254-1

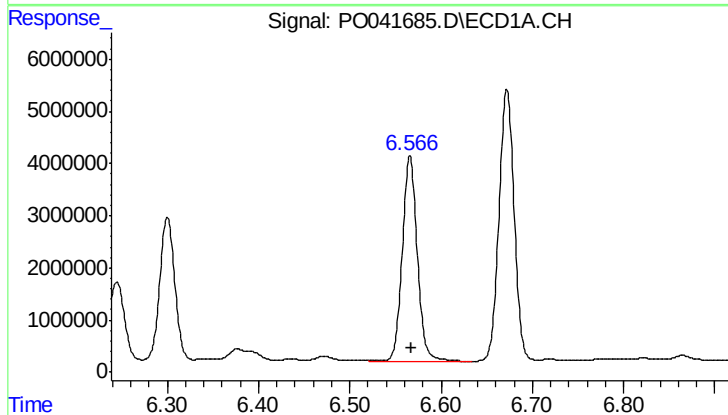
R.T.: 6.300 min
Delta R.T.: 0.005 min
Response: 31766980
Conc: 2256.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



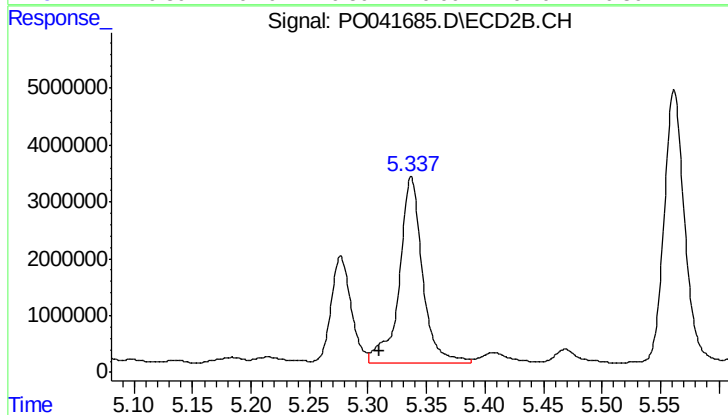
#26 AR-1254-1

R.T.: 5.184 min
Delta R.T.: 0.017 min
Response: 1792986
Conc: 96.94 ng/ml



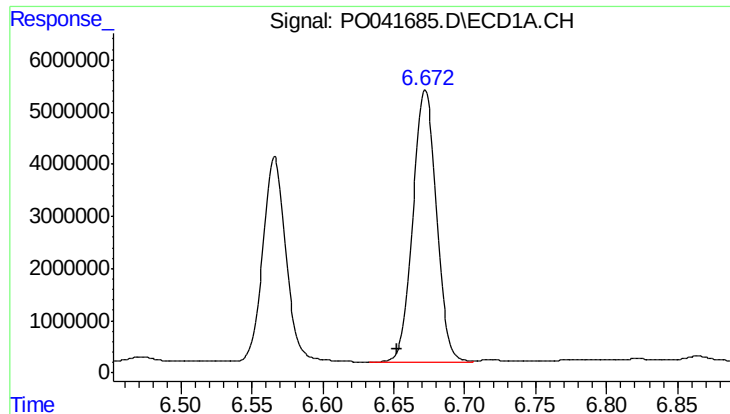
#27 AR-1254-2

R.T.: 6.566 min
Delta R.T.: -0.002 min
Response: 44823634
Conc: 5153.67 ng/ml



#27 AR-1254-2

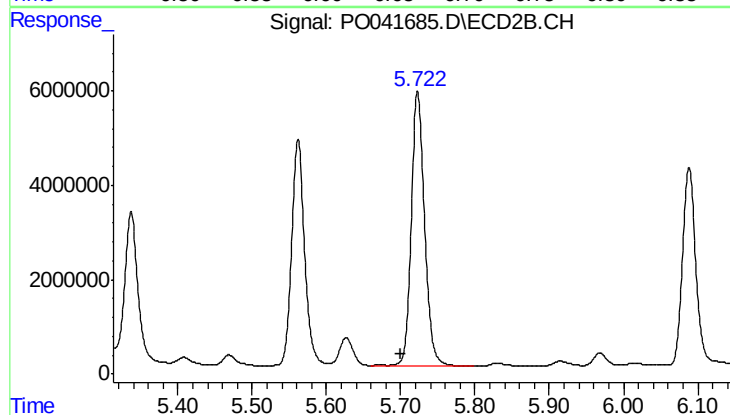
R.T.: 5.337 min
Delta R.T.: 0.027 min
Response: 45846060
Conc: 2772.47 ng/ml



#28 AR-1254-3

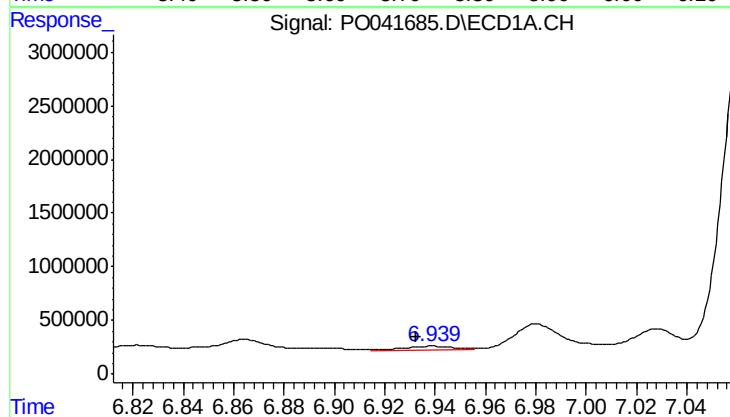
R.T.: 6.672 min
Delta R.T.: 0.020 min
Response: 60405461
Conc: 3897.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



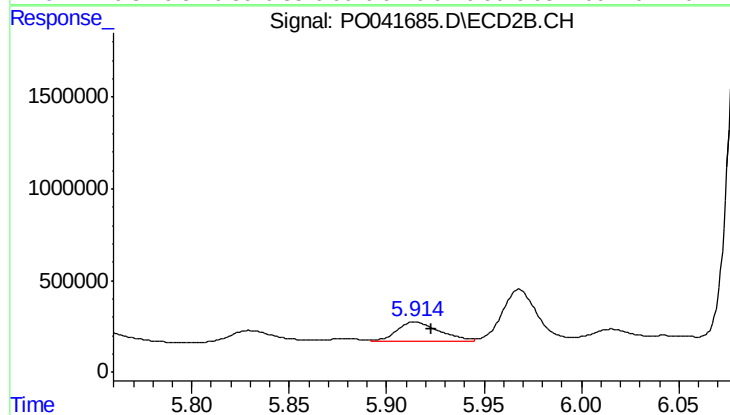
#28 AR-1254-3

R.T.: 5.723 min
Delta R.T.: 0.024 min
Response: 73496350
Conc: 2671.42 ng/ml



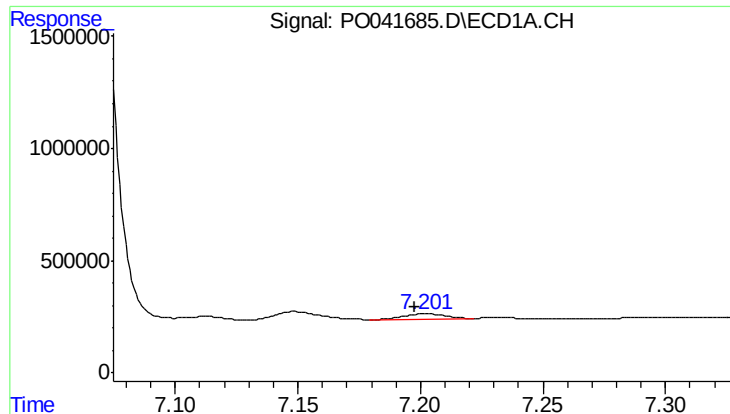
#29 AR-1254-4

R.T.: 6.939 min
Delta R.T.: 0.006 min
Response: 504064
Conc: 38.43 ng/ml



#29 AR-1254-4

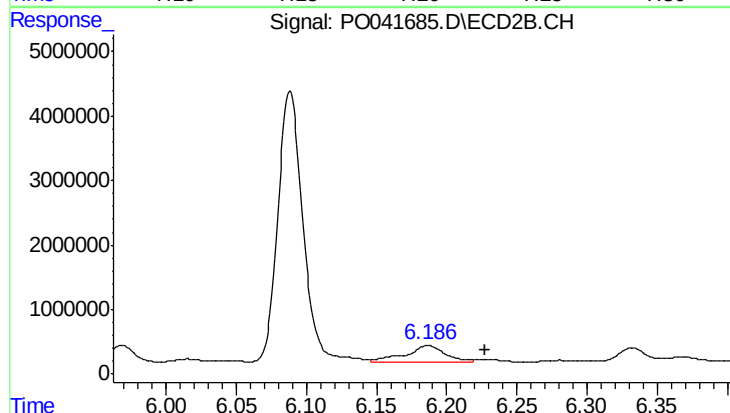
R.T.: 5.915 min
Delta R.T.: -0.008 min
Response: 1644785
Conc: 84.41 ng/ml



#30 AR-1254-5

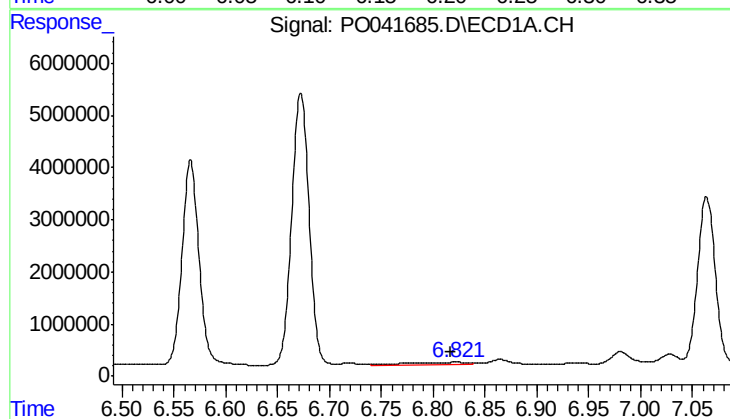
R.T.: 7.202 min
Delta R.T.: 0.005 min
Response: 245228
Conc: 26.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



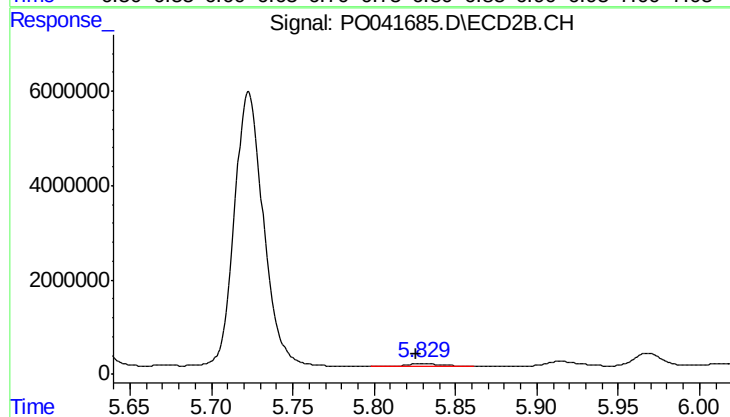
#30 AR-1254-5

R.T.: 6.187 min
Delta R.T.: -0.041 min
Response: 5297090
Conc: 399.91 ng/ml



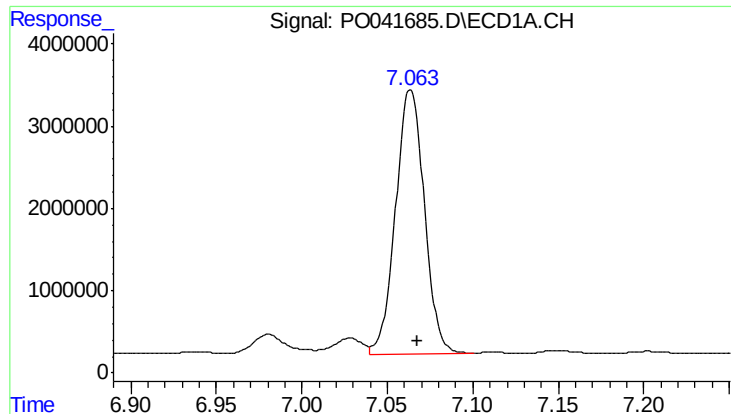
#31 AR-1260-1

R.T.: 6.822 min
Delta R.T.: 0.006 min
Response: 1746876
Conc: 138.87 ng/ml



#31 AR-1260-1

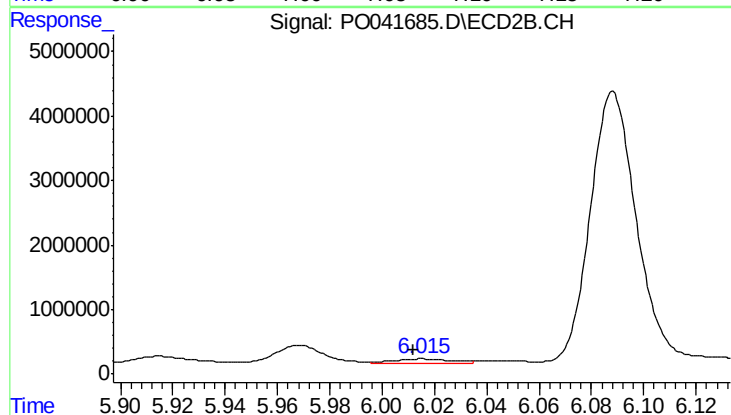
R.T.: 5.830 min
Delta R.T.: 0.004 min
Response: 1066870
Conc: 49.98 ng/ml



#32 AR-1260-2

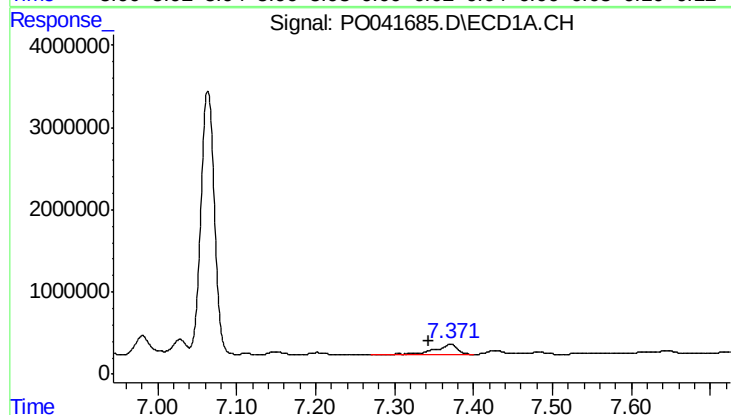
R.T.: 7.064 min
Delta R.T.: -0.004 min
Response: 37797538
Conc: 2172.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



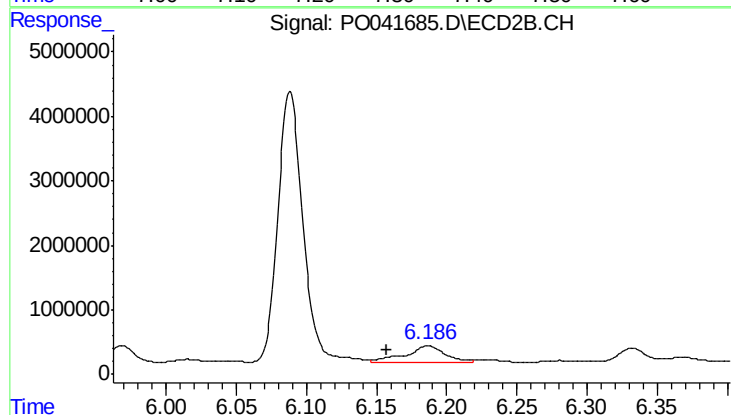
#32 AR-1260-2

R.T.: 6.015 min
Delta R.T.: 0.003 min
Response: 938933
Conc: 29.73 ng/ml



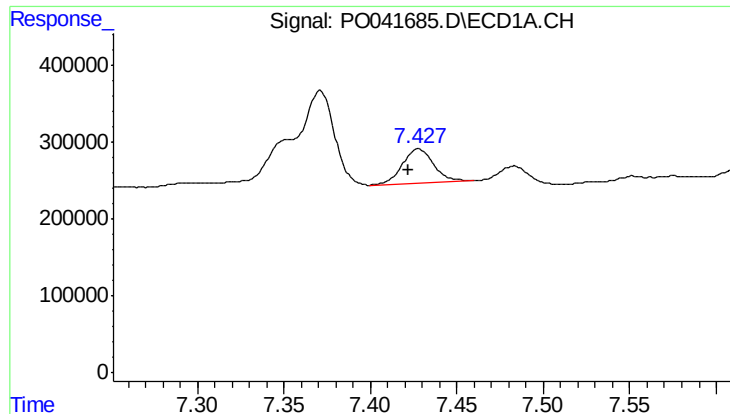
#33 AR-1260-3

R.T.: 7.371 min
Delta R.T.: 0.028 min
Response: 2325649
Conc: 115.87 ng/ml



#33 AR-1260-3

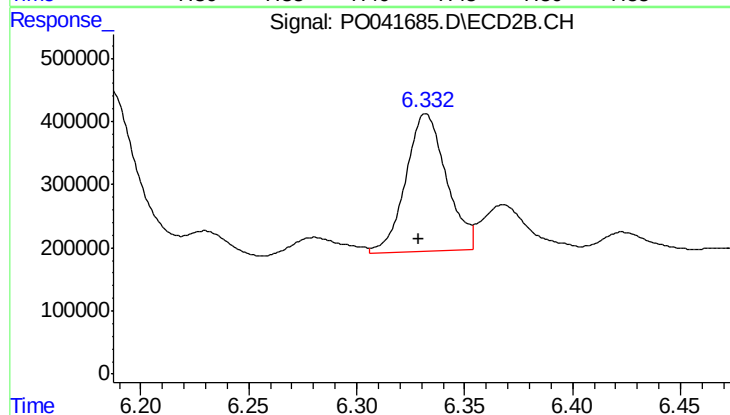
R.T.: 6.187 min
Delta R.T.: 0.029 min
Response: 5297090
Conc: 202.95 ng/ml



#34 AR-1260-4

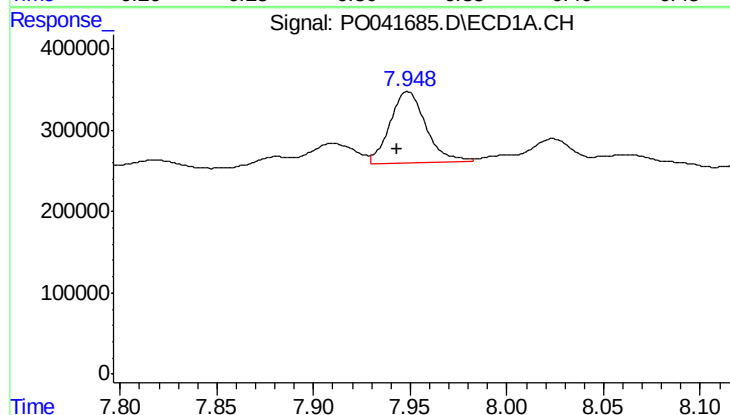
R.T.: 7.428 min
Delta R.T.: 0.006 min
Response: 561246
Conc: 47.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



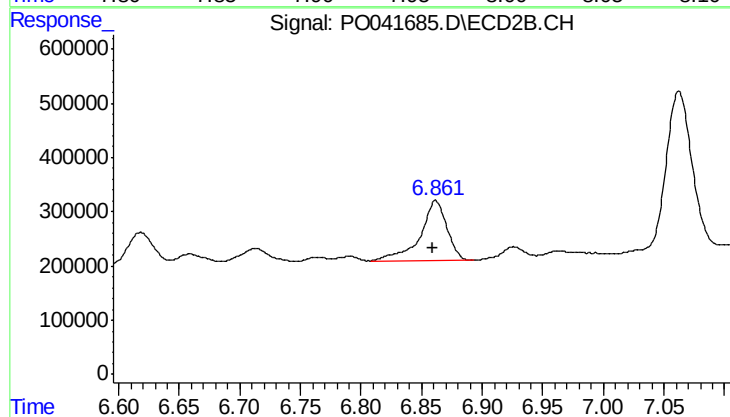
#34 AR-1260-4

R.T.: 6.332 min
Delta R.T.: 0.003 min
Response: 2838532
Conc: 83.25 ng/ml



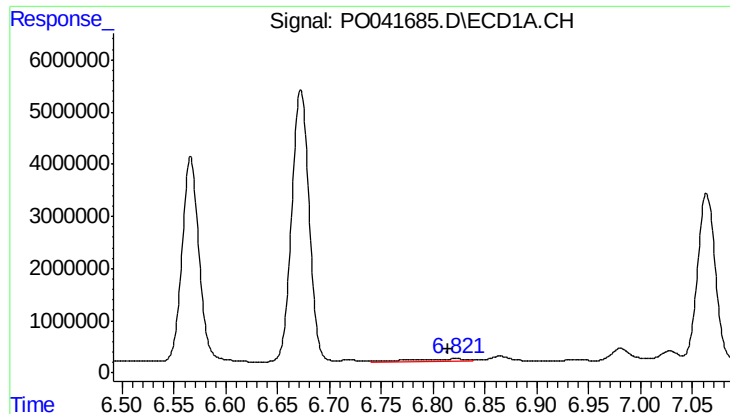
#35 AR-1260-5

R.T.: 7.949 min
Delta R.T.: 0.005 min
Response: 1131613
Conc: 43.02 ng/ml



#35 AR-1260-5

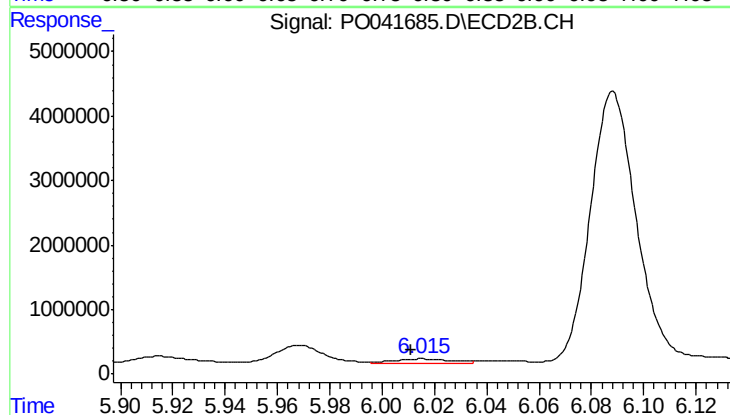
R.T.: 6.862 min
Delta R.T.: 0.003 min
Response: 1762468
Conc: 32.85 ng/ml



#36 AR-1262-1

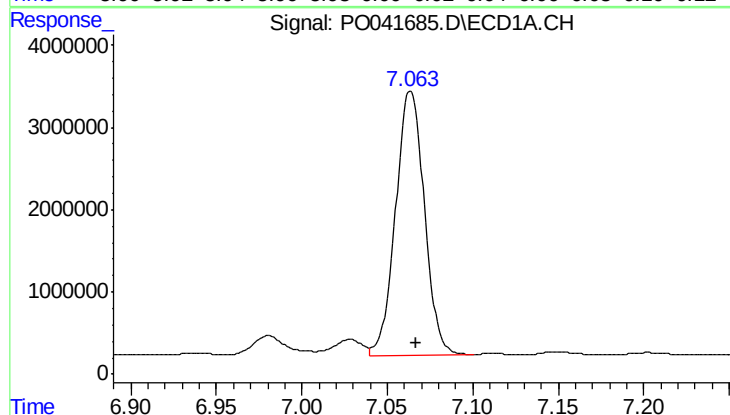
R.T.: 6.822 min
Delta R.T.: 0.008 min
Response: 1746876
Conc: 184.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



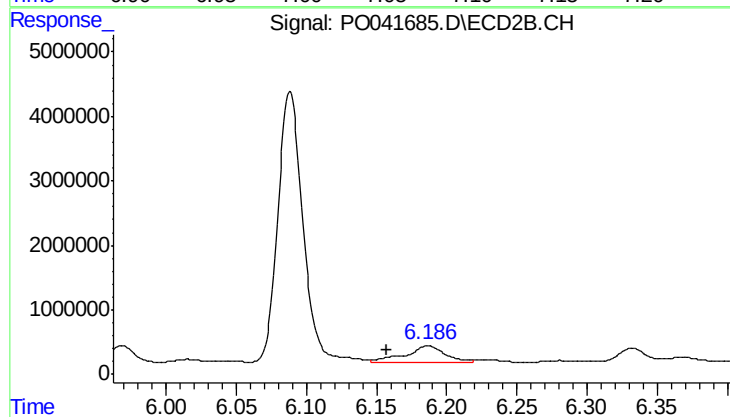
#36 AR-1262-1

R.T.: 6.015 min
Delta R.T.: 0.004 min
Response: 938933
Conc: 42.27 ng/ml



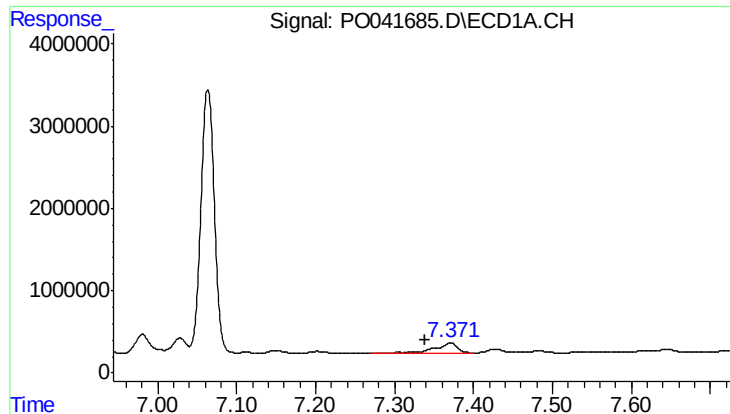
#37 AR-1262-2

R.T.: 7.064 min
Delta R.T.: -0.003 min
Response: 37797538
Conc: 3246.44 ng/ml



#37 AR-1262-2

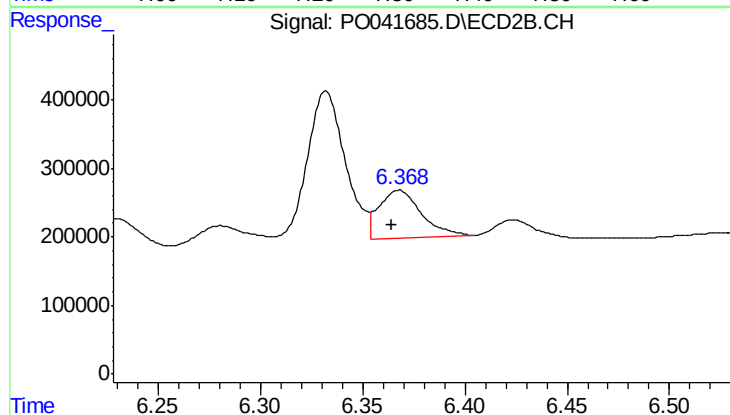
R.T.: 6.187 min
Delta R.T.: 0.029 min
Response: 5297090
Conc: 263.40 ng/ml



#38 AR-1262-3

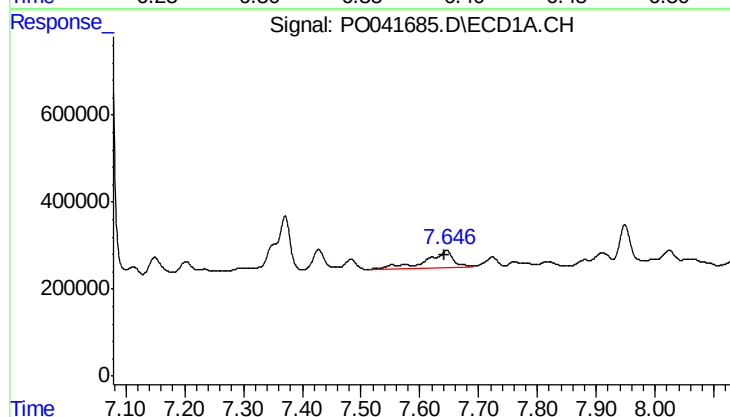
R.T.: 7.371 min
Delta R.T.: 0.031 min
Response: 2325649
Conc: 202.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



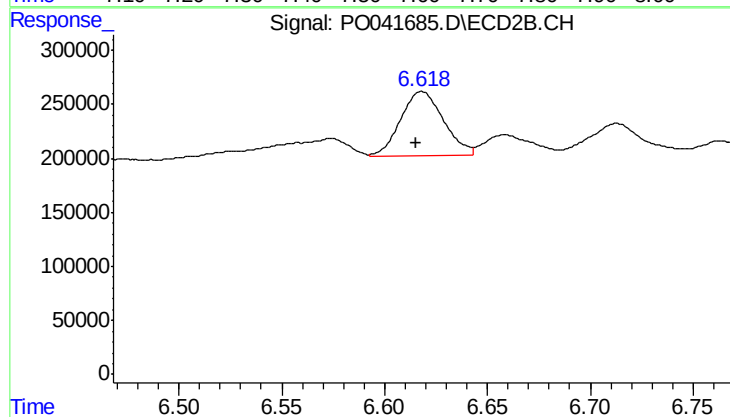
#38 AR-1262-3

R.T.: 6.368 min
Delta R.T.: 0.004 min
Response: 1009935
Conc: 27.25 ng/ml



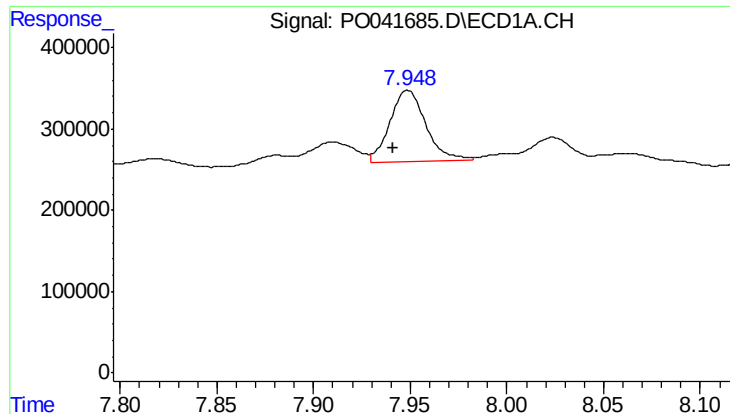
#39 AR-1262-4

R.T.: 7.646 min
Delta R.T.: 0.005 min
Response: 1273008
Conc: 82.98 ng/ml



#39 AR-1262-4

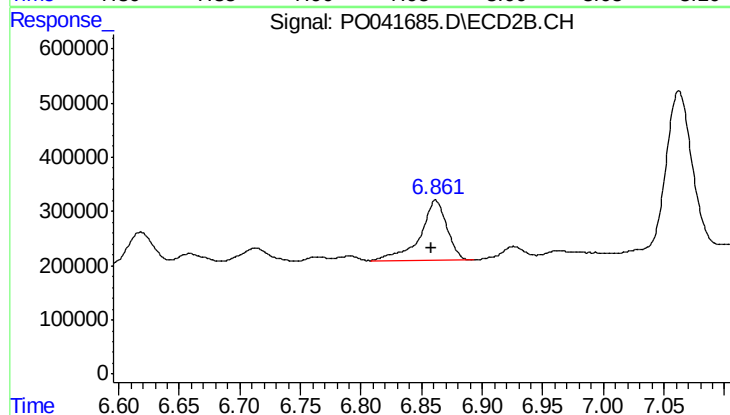
R.T.: 6.618 min
Delta R.T.: 0.003 min
Response: 867275
Conc: 31.31 ng/ml



#40 AR-1262-5

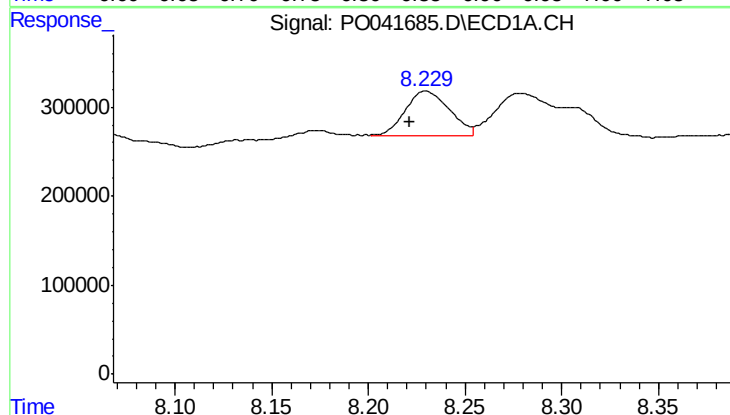
R.T.: 7.949 min
Delta R.T.: 0.008 min
Response: 1131613
Conc: 35.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



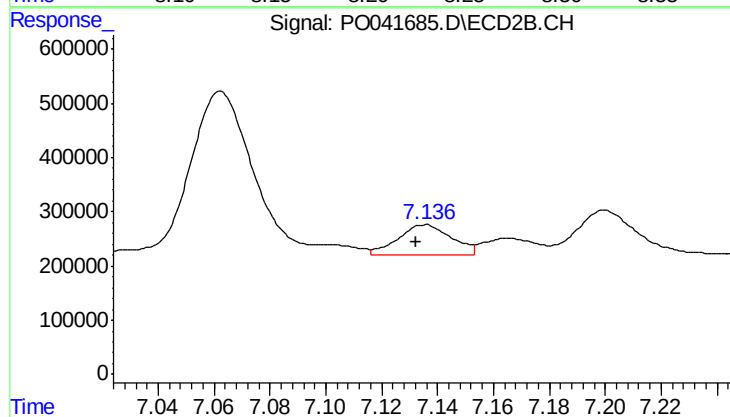
#40 AR-1262-5

R.T.: 6.862 min
Delta R.T.: 0.004 min
Response: 1762468
Conc: 27.82 ng/ml



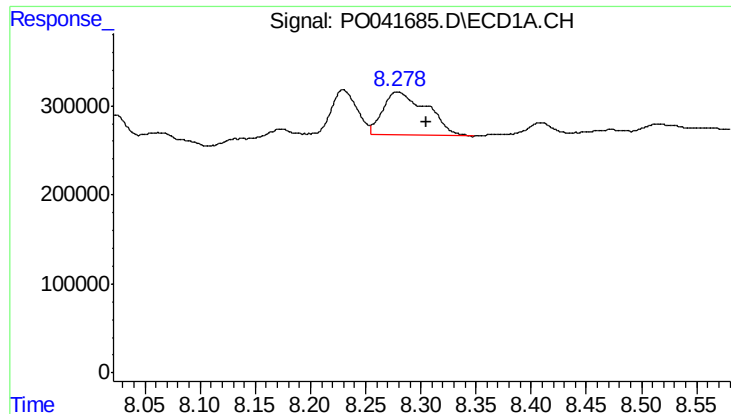
#41 AR-1268-1

R.T.: 8.230 min
Delta R.T.: 0.008 min
Response: 800980
Conc: 21.20 ng/ml



#41 AR-1268-1

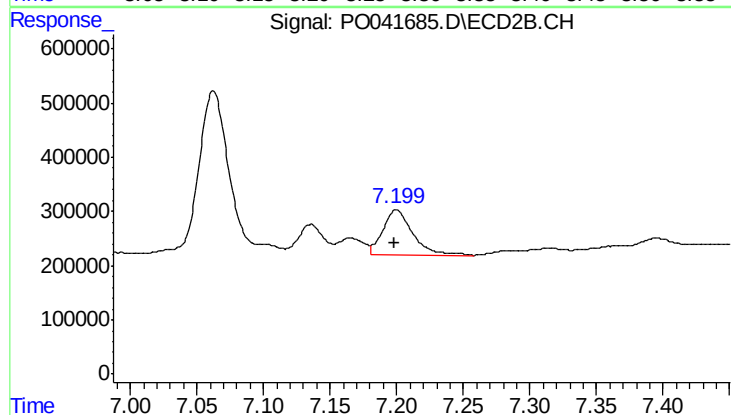
R.T.: 7.136 min
Delta R.T.: 0.003 min
Response: 720256
Conc: 9.83 ng/ml



#42 AR-1268-2

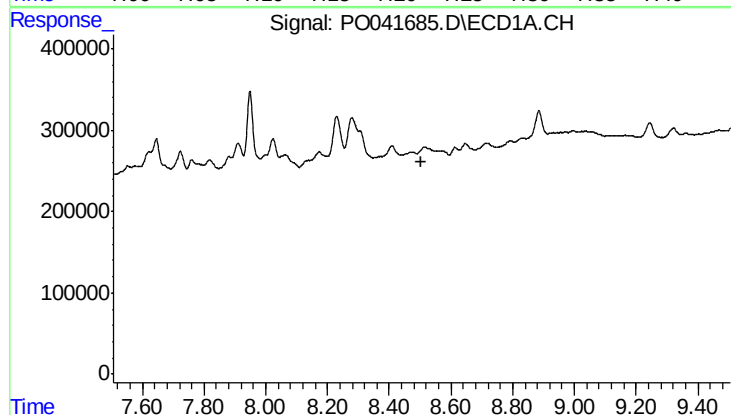
R.T.: 8.279 min
Delta R.T.: -0.026 min
Response: 1365597
Conc: 41.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



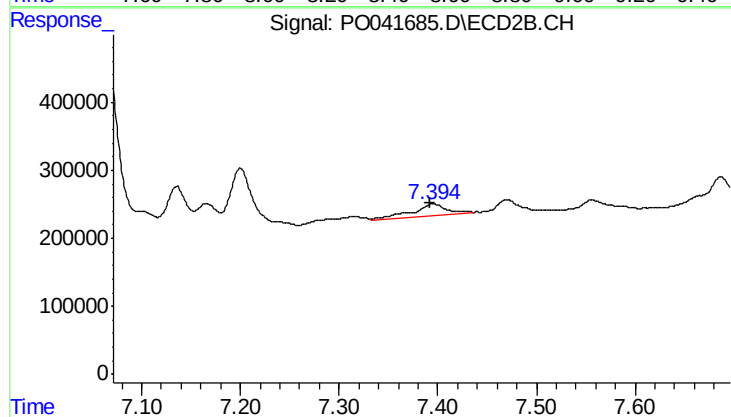
#42 AR-1268-2

R.T.: 7.200 min
Delta R.T.: 0.002 min
Response: 1303013
Conc: 20.15 ng/ml



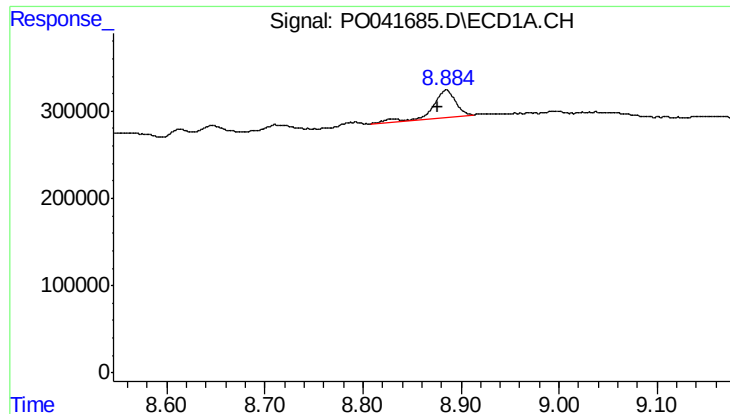
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 8.506 min
Response: 0
Conc: N.D.



#43 AR-1268-3

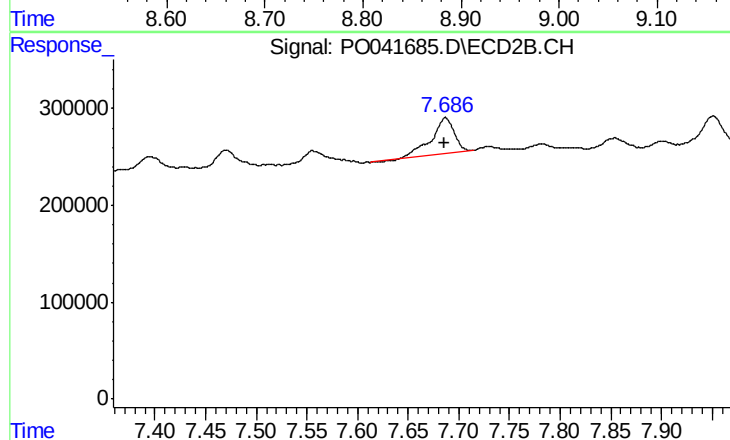
R.T.: 7.395 min
Delta R.T.: 0.002 min
Response: 386967
Conc: 7.08 ng/ml



#44 AR-1268-4

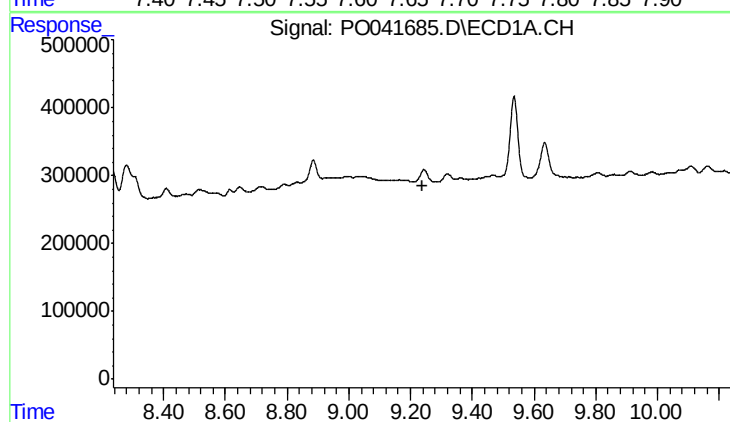
R.T.: 8.885 min
Delta R.T.: 0.009 min
Response: 507099
Conc: 40.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



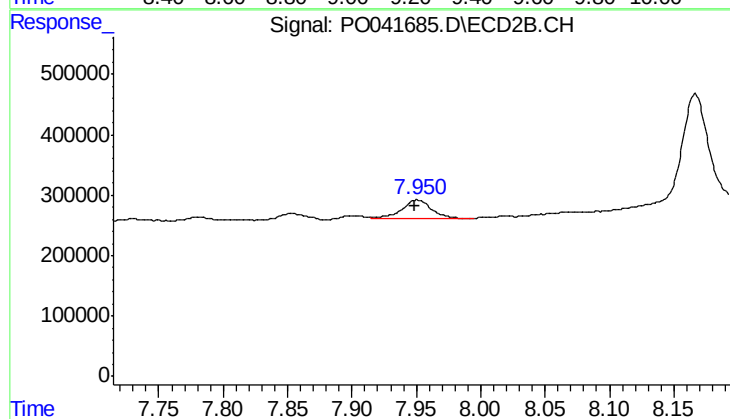
#44 AR-1268-4

R.T.: 7.687 min
Delta R.T.: 0.001 min
Response: 588200
Conc: 26.48 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.237 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 7.951 min
Delta R.T.: 0.002 min
Response: 528756
Conc: 3.67 ng/ml