

Data Path : P:\HPCHEM1\ECD_0\Data\P0042618\
 Data File : P0044122.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 26 Apr 2018 16:46
 Operator : SM/UA
 Sample : J2539-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 FK-EF-01-005-ABCD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 27 06:57:40 2018
 Quant Method : P:\HPCHEM1\ECD_0\methods\P0042518.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 26 04:36:05 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...	4.040	3.295	12551857	15824833	17.534	16.359
2) SA Decachlor...	9.391	8.062	7805658	9877282	12.672	11.902
Target Compounds						
3) L1 AR-1016-1	4.879	4.186	252261	3088099	17.453	147.295 #
4) L1 AR-1016-2	5.254	4.508	301608	1482680	16.284	92.183 #
5) L1 AR-1016-3	5.317	4.602	5670721	1093776	381.434	56.624 #
6) L1 AR-1016-4	5.756	4.748	421828	1113111	28.800	54.415 #
7) L1 AR-1016-5	6.000	5.095	3319581	7264616	274.350	348.106 #
9) L2 AR-1221-2	0.000	3.581	0	295032	N.D.	30.886 #
10) L2 AR-1221-3	0.000	3.697	0	918402	N.D.	29.988 #
11) L3 AR-1232-1	0.000	3.697	0	918402	N.D.	64.555 #
12) L3 AR-1232-2	5.220	4.343	658386	2468370	86.956	87.752
13) L3 AR-1232-3	5.220	4.390	658386	401763	52.046	34.848 #
14) L3 AR-1232-4	5.254	4.508	301608	1482680	38.239	174.004 #
15) L3 AR-1232-5	5.317	4.602	5670721	1093776	910.217	149.013 #
16) L4 AR-1242-1	0.000	4.186	0	3088099	N.D.	224.218 #
17) L4 AR-1242-2	5.220	4.343	658386	2468370	32.501	54.768 #
18) L4 AR-1242-3	5.317	4.508	5670721	1482680	571.739	108.160 #
19) L4 AR-1242-4	5.631	4.602	327424	1093776	36.333	85.471 #
20) L4 AR-1242-5	5.756	4.748	421828	1113111	41.180	82.354 #
21) L5 AR-1248-1	5.631	4.748	327424	1113111	20.361	46.492 #
22) L5 AR-1248-2	5.756	4.886	421828	820860	29.467	38.332 #
23) L5 AR-1248-3	6.039	5.095	2212760	7264616	118.492	211.103 #
24) L5 AR-1248-4	6.039	5.132	2212760	2157944	117.240	76.407 #
25) L5 AR-1248-5	6.260	5.635	16006939	1114819	1301.044	67.987 #
26) L6 AR-1254-1	6.213	5.095	2778430	7264616	79.945	156.365 #
27) L6 AR-1254-2	6.470	5.280	1627717	38125845	71.690	970.164 #
28) L6 AR-1254-3	6.569	5.635	2112074	1114819	55.987	17.423 #
29) L6 AR-1254-4	6.839	5.861	311252	1039886	10.070	20.120 #
30) L6 AR-1254-5	7.107	6.144	138827	281632	6.117	9.424 #
31) L7 AR-1260-1	6.724	5.746	488402	694174	18.907	17.384
32) L7 AR-1260-2	6.968	5.929	1362675	512429	39.312	9.528 #
33) L7 AR-1260-3	7.329	6.244	280104	506250	9.917	9.265
34) L7 AR-1260-4	7.851	6.772	532918	661130	8.088	6.027 #
35) L7 AR-1260-5	8.130	7.107	479322	680587	11.840	8.820 #
36) L8 AR-1262-1	6.724	5.929	488402	512429	23.426	12.080 #
37) L8 AR-1262-2	6.968	6.072	1362675	289874	49.198	7.354 #
38) L8 AR-1262-3	7.254	6.277	355519	304965	13.819	4.461 #
39) L8 AR-1262-4	7.551	6.527	505362	158688	14.220	2.853 #

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 Misc :
 ALS Vial : 7 Sample Multiplier: 1

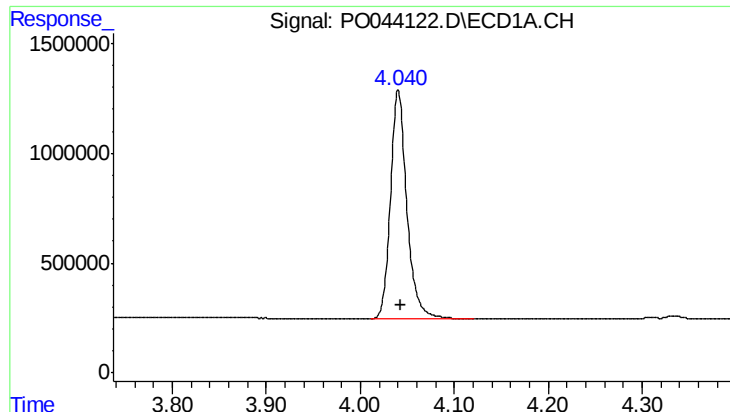
Instrument :
 ECD_O
 ClientSampleId :
 FK-EF-01-005-ABCD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 27 06:57:40 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
40) L8	AR-1262-5	7.851	6.772	532918	661130	6.713	5.117
41) L9	AR-1268-1	8.130	7.041	479322	390473	6.021	3.055 #
42) L9	AR-1268-2	8.204	7.107	469361	680587	6.574	5.768
44) L9	AR-1268-4	8.709	7.596	5585359	287960	203.068	7.000 #
45) L9	AR-1268-5	9.113	7.857	289762	434633	1.455	1.447

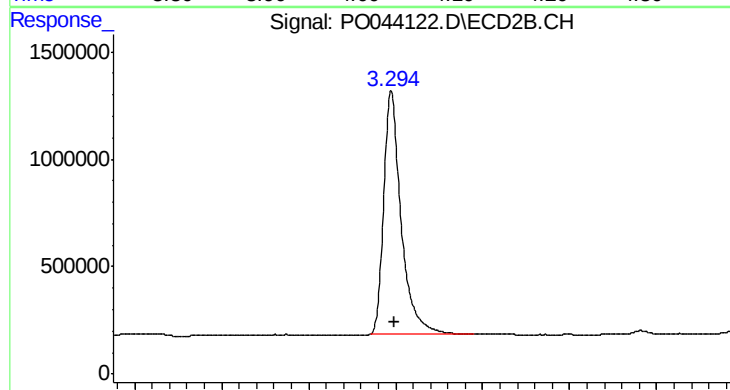
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

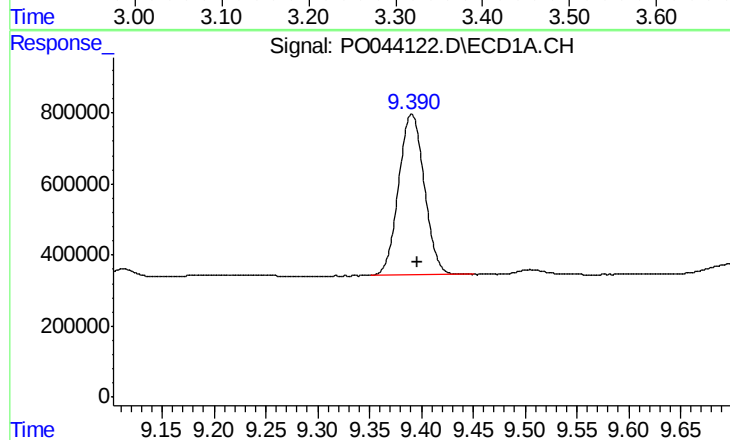
R.T.: 4.040 min
Delta R.T.: -0.003 min
Response: 12551857
Conc: 17.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-EF-01-005-ABCD



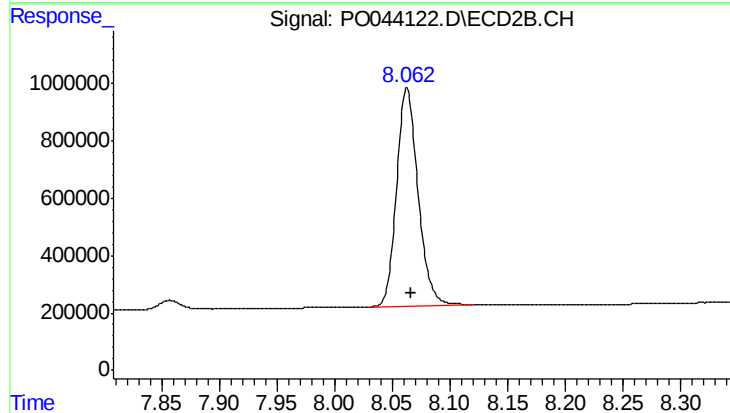
#1 Tetrachloro-m-xylene

R.T.: 3.295 min
Delta R.T.: -0.003 min
Response: 15824833
Conc: 16.36 ng/ml



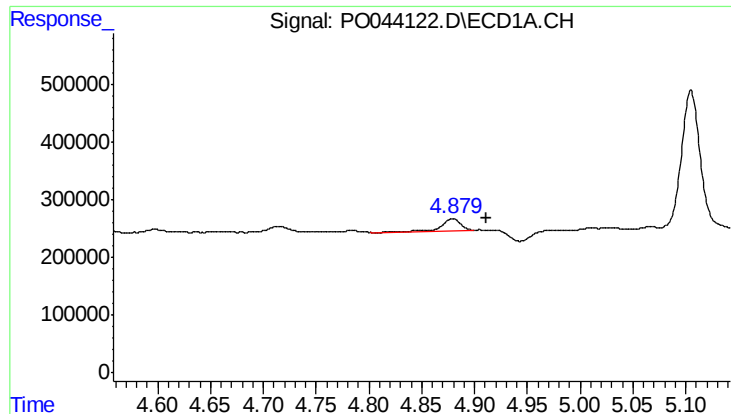
#2 Decachlorobiphenyl

R.T.: 9.391 min
Delta R.T.: -0.005 min
Response: 7805658
Conc: 12.67 ng/ml



#2 Decachlorobiphenyl

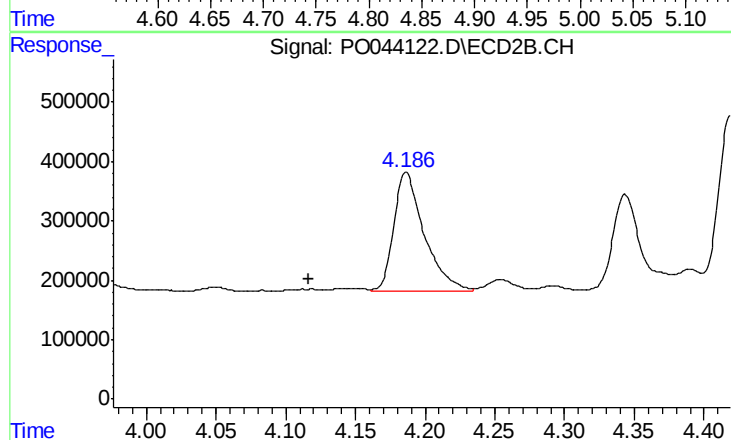
R.T.: 8.062 min
Delta R.T.: -0.004 min
Response: 9877282
Conc: 11.90 ng/ml



#3 AR-1016-1

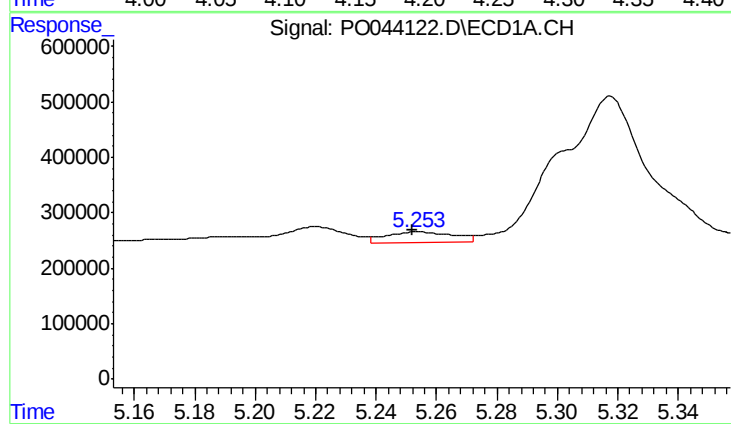
R.T.: 4.879 min
Delta R.T.: -0.033 min
Response: 252261
Conc: 17.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-EF-01-005-ABCD



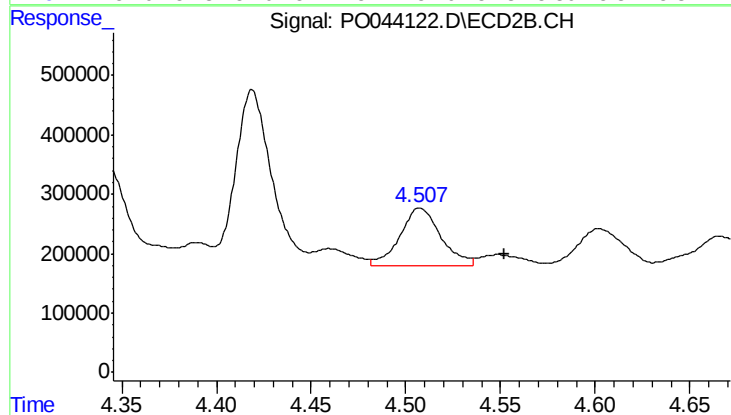
#3 AR-1016-1

R.T.: 4.186 min
Delta R.T.: 0.070 min
Response: 3088099
Conc: 147.29 ng/ml



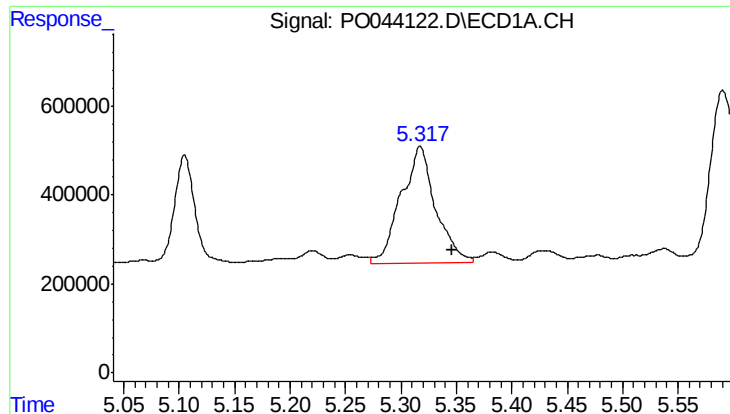
#4 AR-1016-2

R.T.: 5.254 min
Delta R.T.: 0.002 min
Response: 301608
Conc: 16.28 ng/ml



#4 AR-1016-2

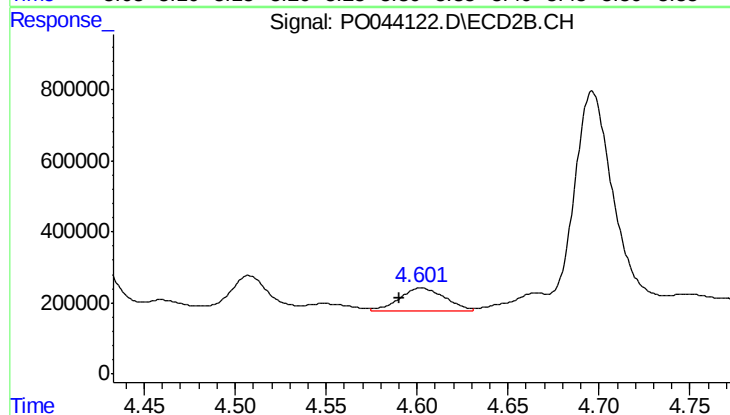
R.T.: 4.508 min
Delta R.T.: -0.045 min
Response: 1482680
Conc: 92.18 ng/ml



#5 AR-1016-3

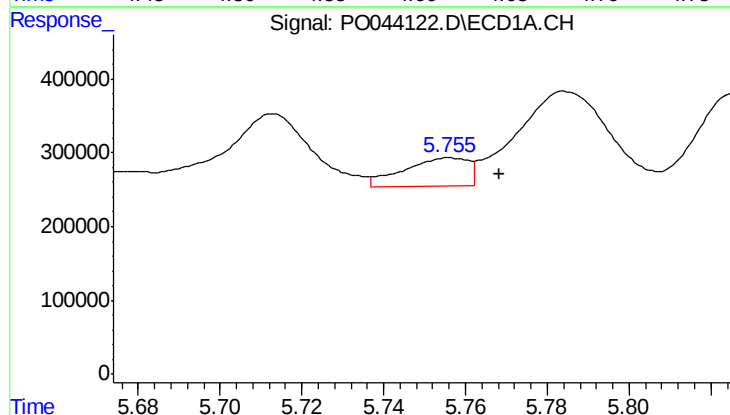
R.T.: 5.317 min
Delta R.T.: -0.029 min
Response: 5670721
Conc: 381.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-EF-01-005-ABCD



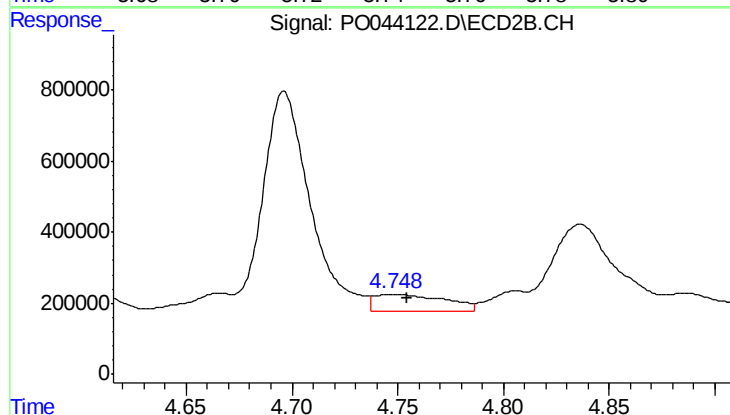
#5 AR-1016-3

R.T.: 4.602 min
Delta R.T.: 0.012 min
Response: 1093776
Conc: 56.62 ng/ml



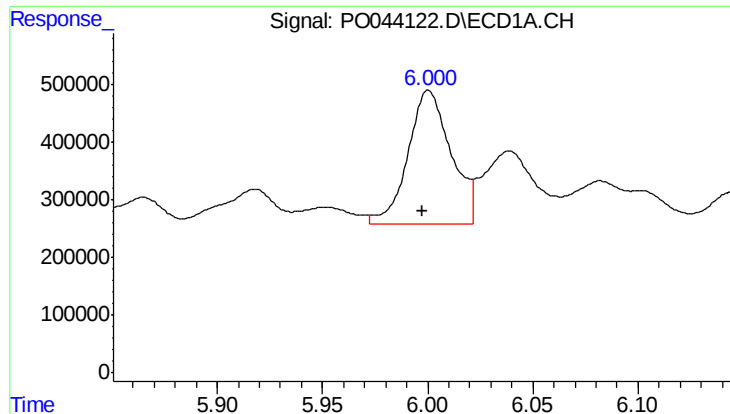
#6 AR-1016-4

R.T.: 5.756 min
Delta R.T.: -0.012 min
Response: 421828
Conc: 28.80 ng/ml



#6 AR-1016-4

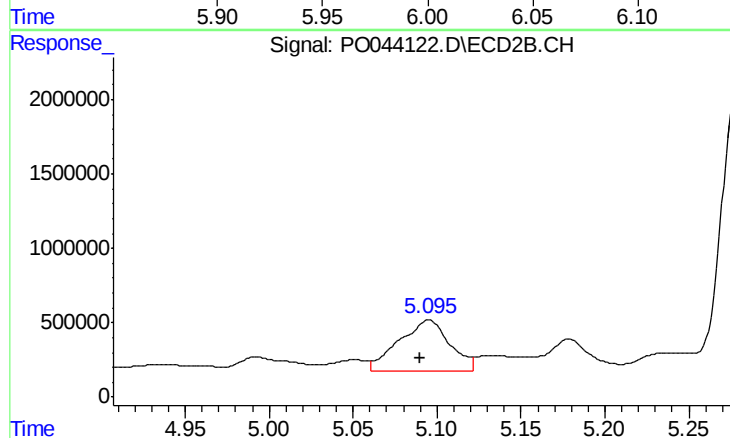
R.T.: 4.748 min
Delta R.T.: -0.006 min
Response: 1113111
Conc: 54.41 ng/ml



#7 AR-1016-5

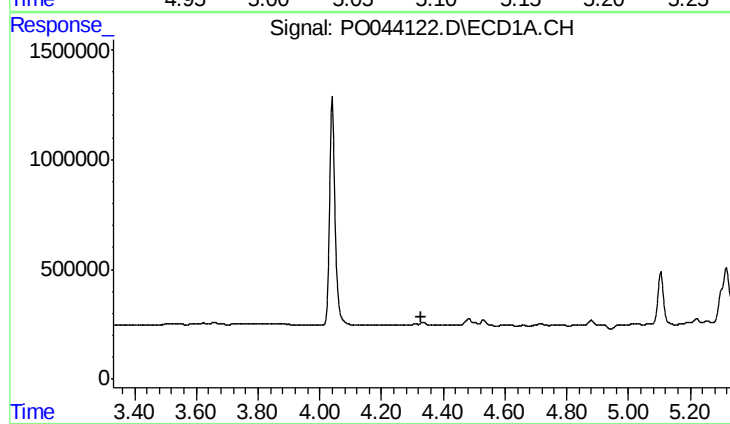
R.T.: 6.000 min
Delta R.T.: 0.003 min
Response: 3319581
Conc: 274.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-EF-01-005-ABCD



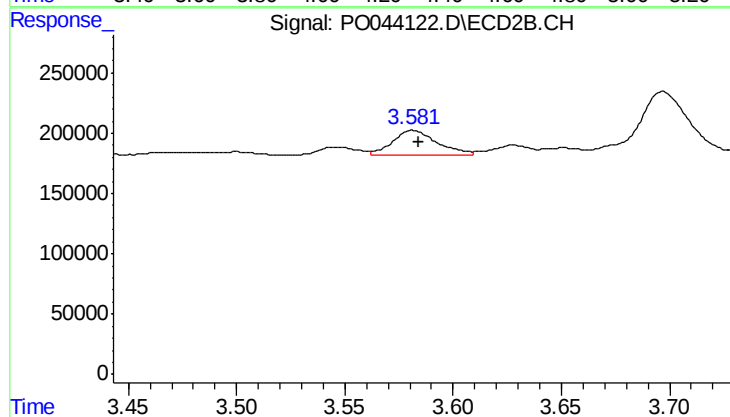
#7 AR-1016-5

R.T.: 5.095 min
Delta R.T.: 0.006 min
Response: 7264616
Conc: 348.11 ng/ml



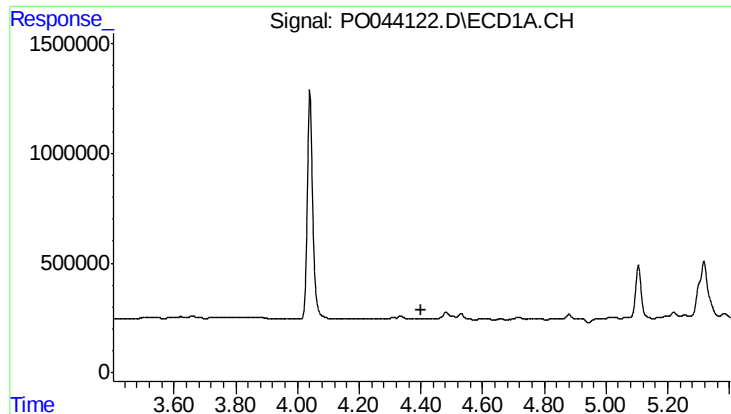
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T.: 4.331 min
Response: 0
Conc: N.D.



#9 AR-1221-2

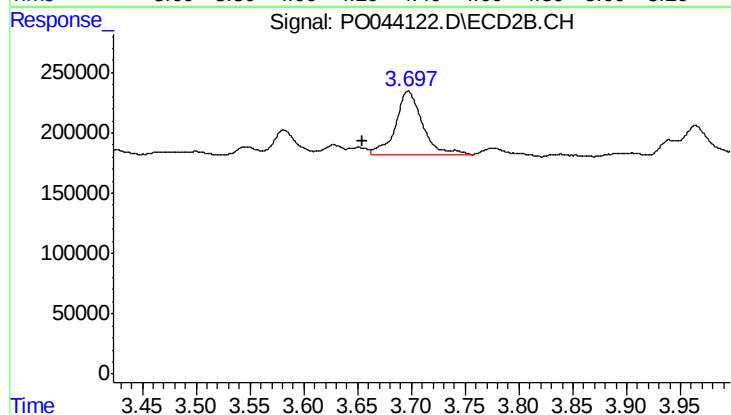
R.T.: 3.581 min
Delta R.T.: -0.003 min
Response: 295032
Conc: 30.89 ng/ml



#10 AR-1221-3

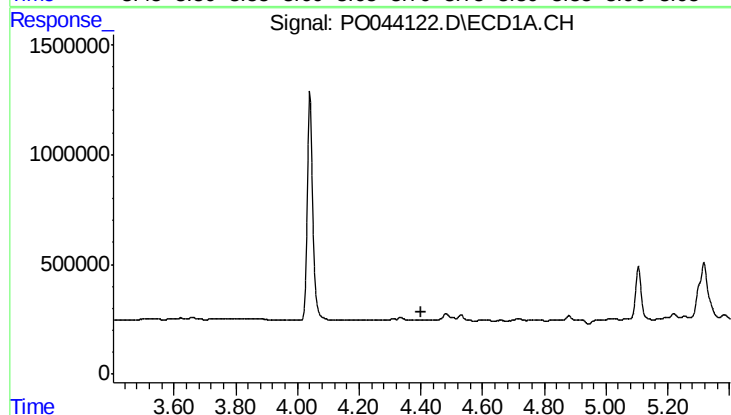
R.T.: 0.000 min
Exp R.T.: 4.403 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
FK-EF-01-005-ABCD



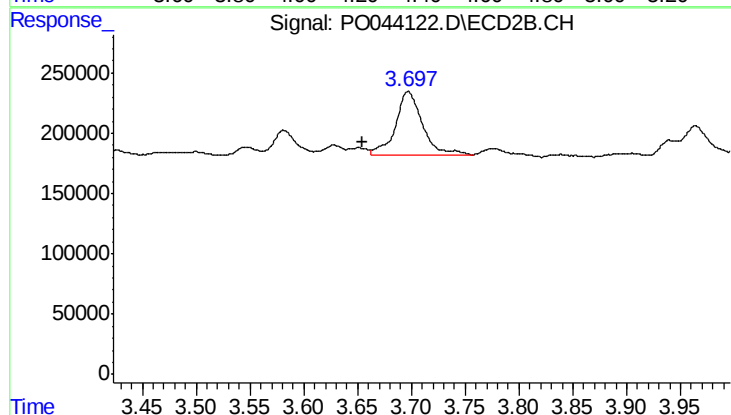
#10 AR-1221-3

R.T.: 3.697 min
Delta R.T.: 0.042 min
Response: 918402
Conc: 29.99 ng/ml



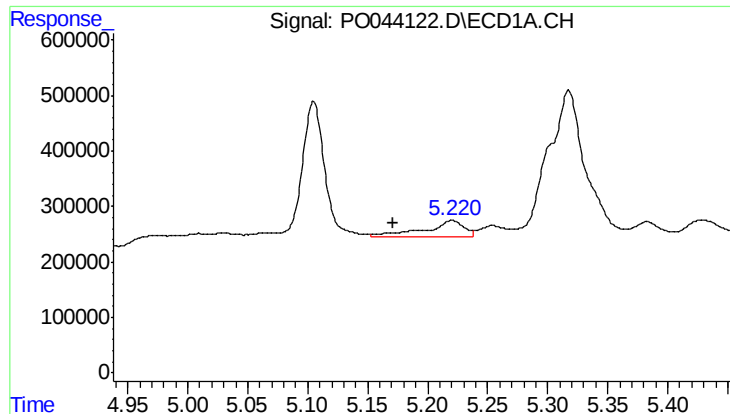
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 4.403 min
Response: 0
Conc: N.D.



#11 AR-1232-1

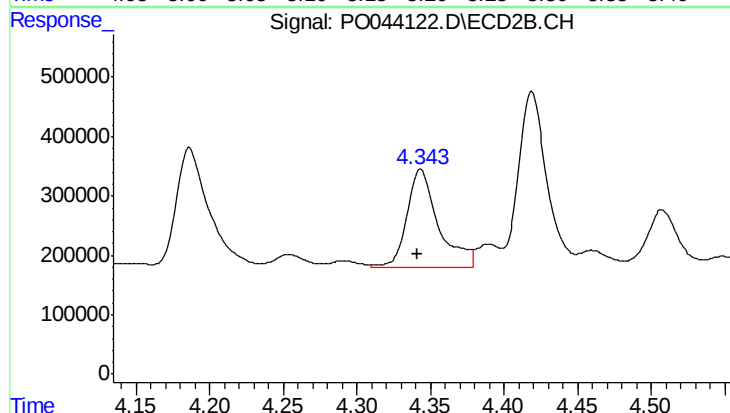
R.T.: 3.697 min
Delta R.T.: 0.042 min
Response: 918402
Conc: 64.56 ng/ml



#12 AR-1232-2

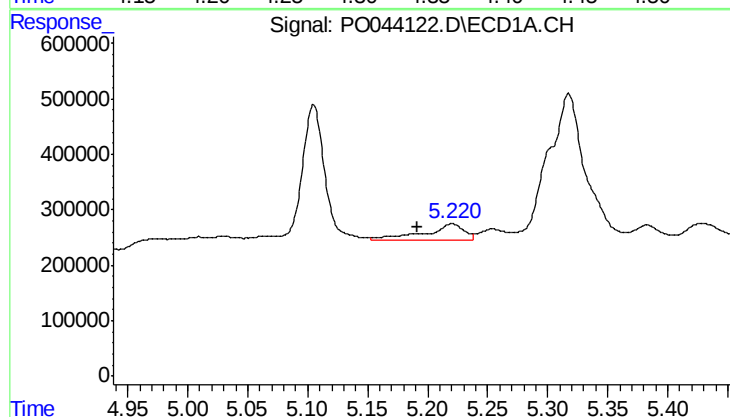
R.T.: 5.220 min
Delta R.T.: 0.050 min
Response: 658386
Conc: 86.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-EF-01-005-ABCD



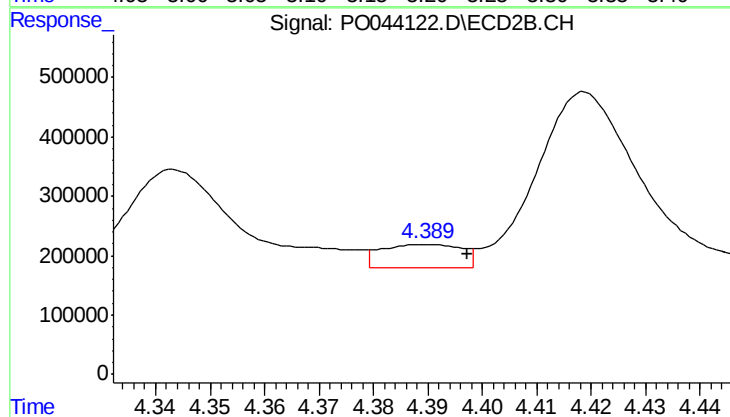
#12 AR-1232-2

R.T.: 4.343 min
Delta R.T.: 0.002 min
Response: 2468370
Conc: 87.75 ng/ml



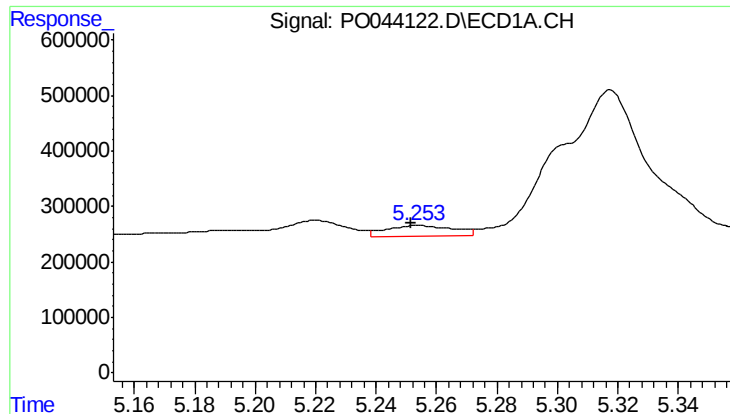
#13 AR-1232-3

R.T.: 5.220 min
Delta R.T.: 0.029 min
Response: 658386
Conc: 52.05 ng/ml



#13 AR-1232-3

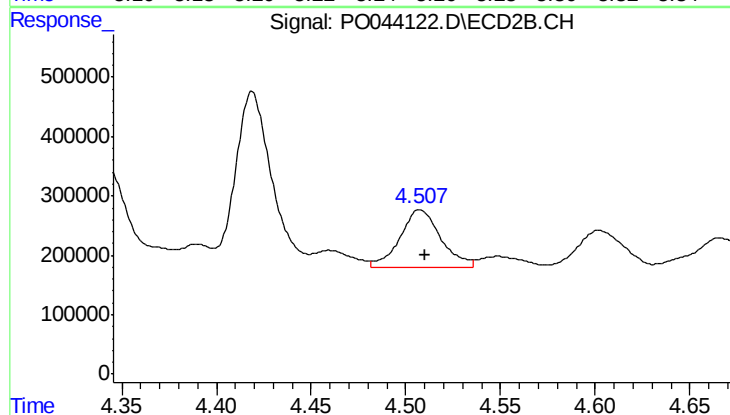
R.T.: 4.390 min
Delta R.T.: -0.007 min
Response: 401763
Conc: 34.85 ng/ml



#14 AR-1232-4

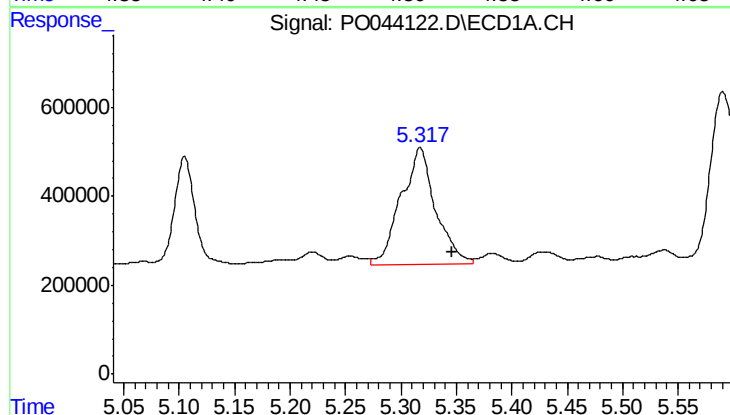
R.T.: 5.254 min
Delta R.T.: 0.002 min
Response: 301608
Conc: 38.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-EF-01-005-ABCD



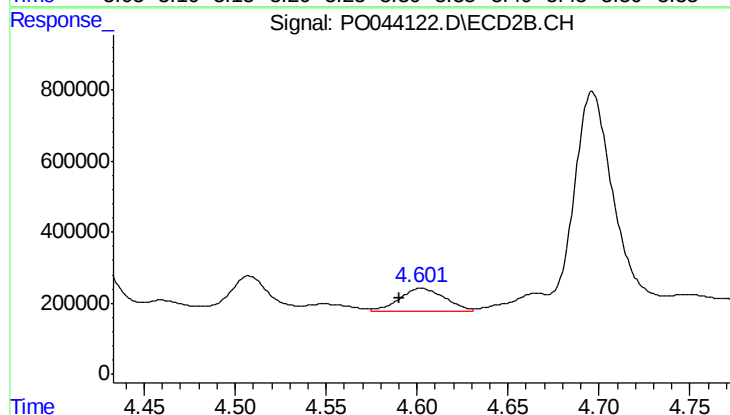
#14 AR-1232-4

R.T.: 4.508 min
Delta R.T.: -0.003 min
Response: 1482680
Conc: 174.00 ng/ml



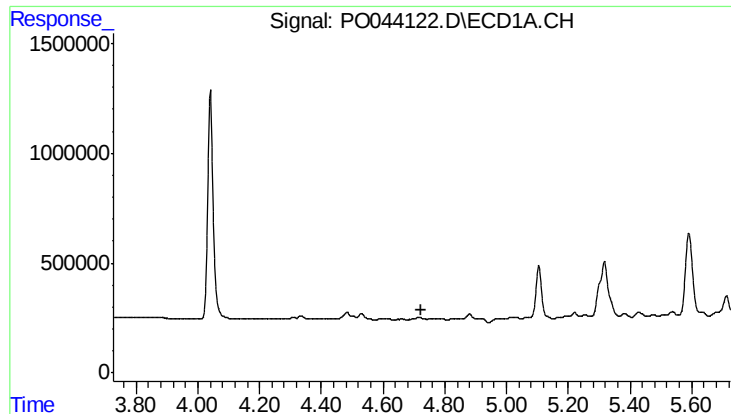
#15 AR-1232-5

R.T.: 5.317 min
Delta R.T.: -0.029 min
Response: 5670721
Conc: 910.22 ng/ml



#15 AR-1232-5

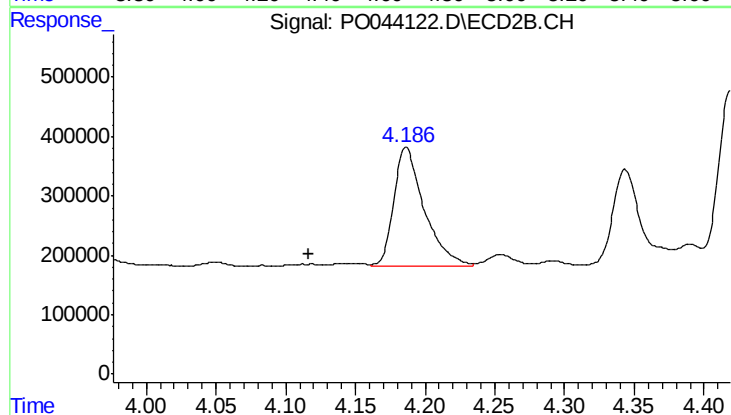
R.T.: 4.602 min
Delta R.T.: 0.011 min
Response: 1093776
Conc: 149.01 ng/ml



#16 AR-1242-1

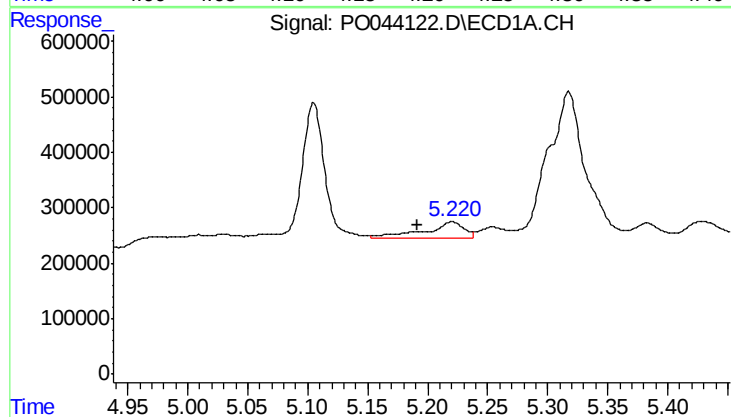
R.T.: 0.000 min
Exp R.T.: 4.726 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
FK-EF-01-005-ABCD



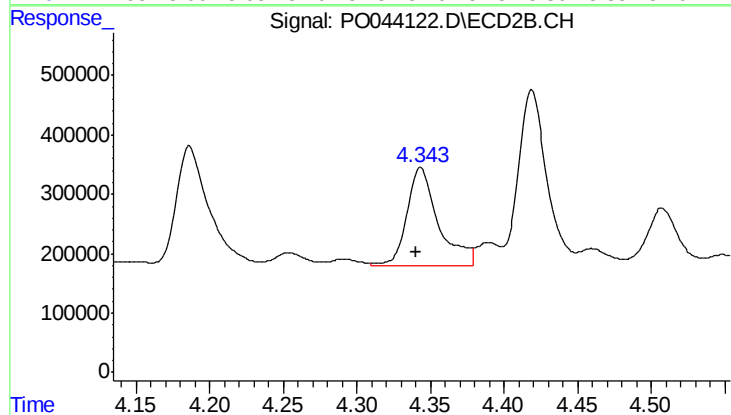
#16 AR-1242-1

R.T.: 4.186 min
Delta R.T.: 0.070 min
Response: 3088099
Conc: 224.22 ng/ml



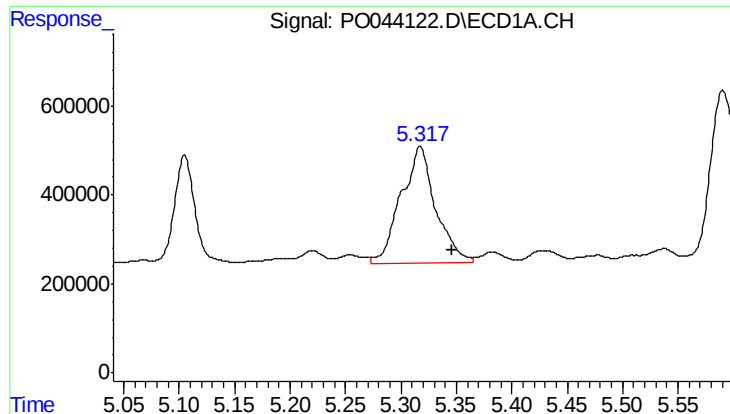
#17 AR-1242-2

R.T.: 5.220 min
Delta R.T.: 0.029 min
Response: 658386
Conc: 32.50 ng/ml



#17 AR-1242-2

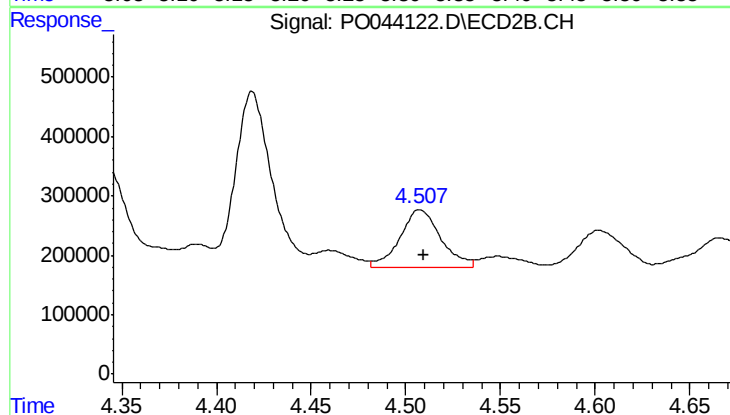
R.T.: 4.343 min
Delta R.T.: 0.003 min
Response: 2468370
Conc: 54.77 ng/ml



#18 AR-1242-3

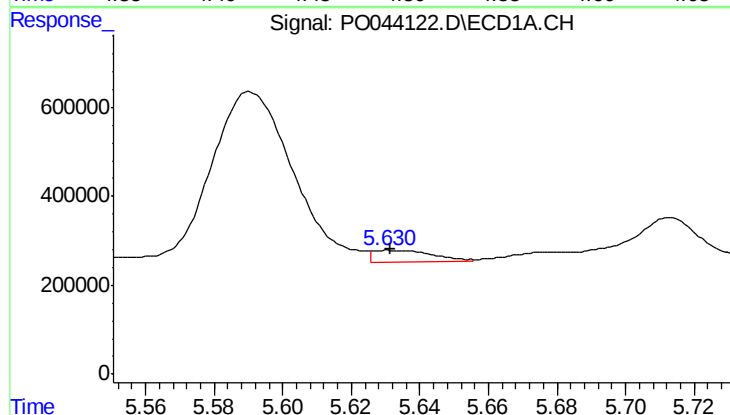
R.T.: 5.317 min
Delta R.T.: -0.028 min
Response: 5670721
Conc: 571.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-EF-01-005-ABCD



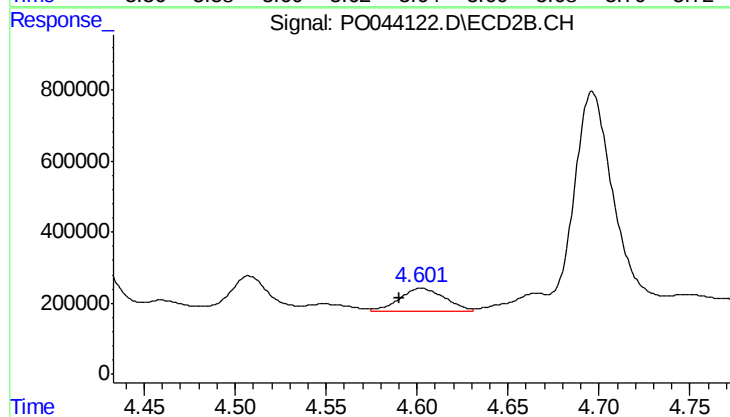
#18 AR-1242-3

R.T.: 4.508 min
Delta R.T.: -0.002 min
Response: 1482680
Conc: 108.16 ng/ml



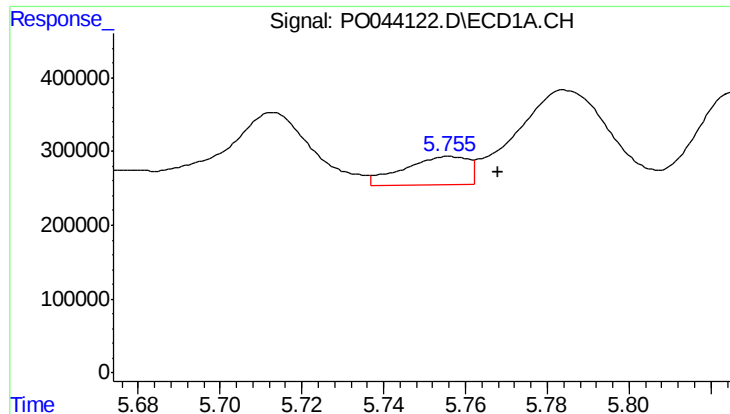
#19 AR-1242-4

R.T.: 5.631 min
Delta R.T.: 0.000 min
Response: 327424
Conc: 36.33 ng/ml



#19 AR-1242-4

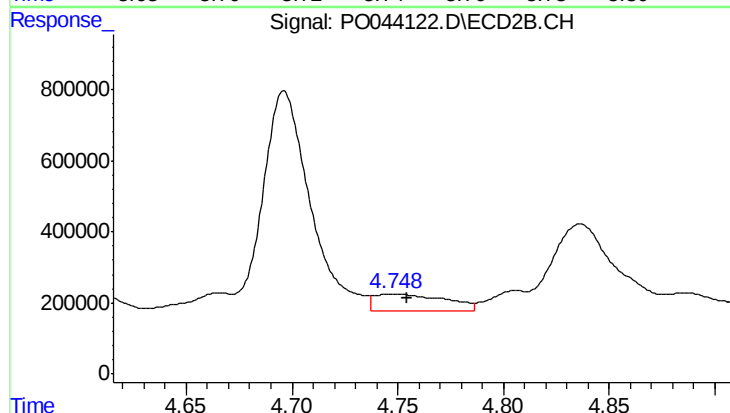
R.T.: 4.602 min
Delta R.T.: 0.012 min
Response: 1093776
Conc: 85.47 ng/ml



#20 AR-1242-5

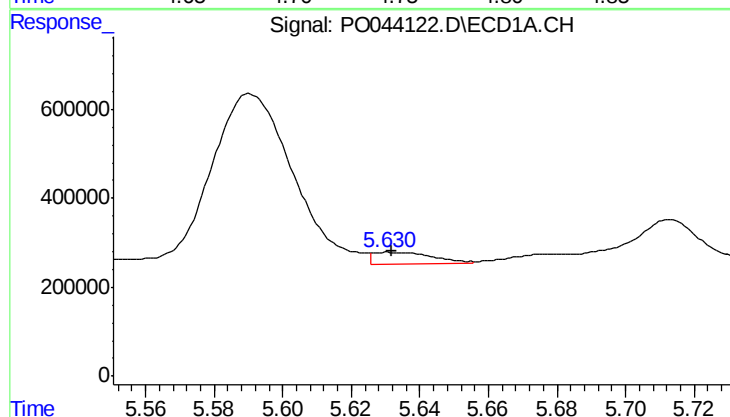
R.T.: 5.756 min
Delta R.T.: -0.012 min
Response: 421828
Conc: 41.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-EF-01-005-ABCD



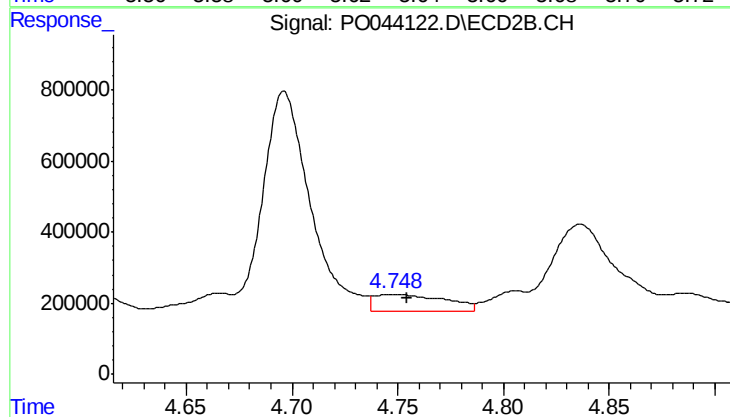
#20 AR-1242-5

R.T.: 4.748 min
Delta R.T.: -0.006 min
Response: 1113111
Conc: 82.35 ng/ml



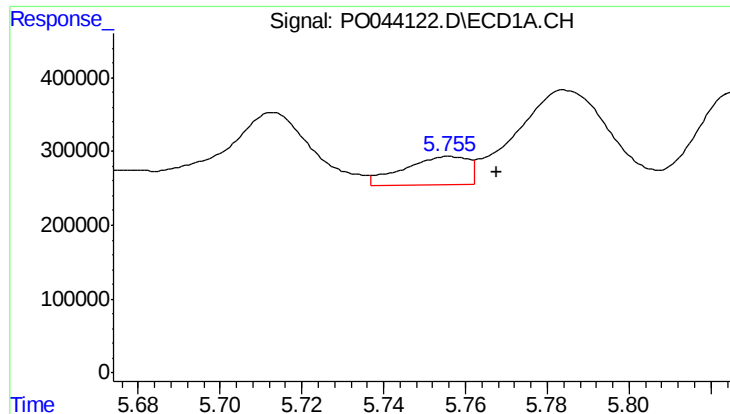
#21 AR-1248-1

R.T.: 5.631 min
Delta R.T.: -0.001 min
Response: 327424
Conc: 20.36 ng/ml



#21 AR-1248-1

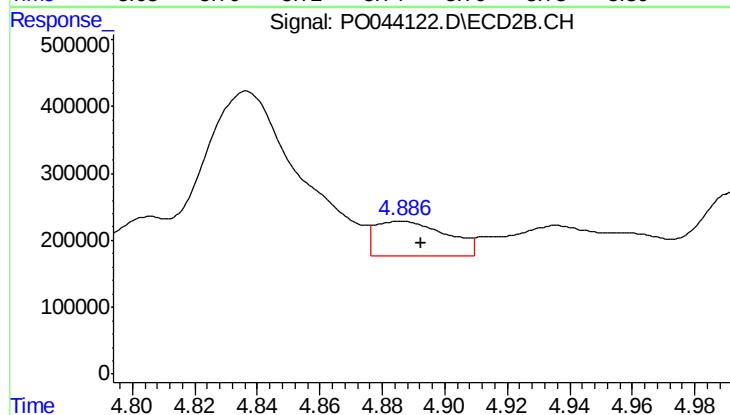
R.T.: 4.748 min
Delta R.T.: -0.006 min
Response: 1113111
Conc: 46.49 ng/ml



#22 AR-1248-2

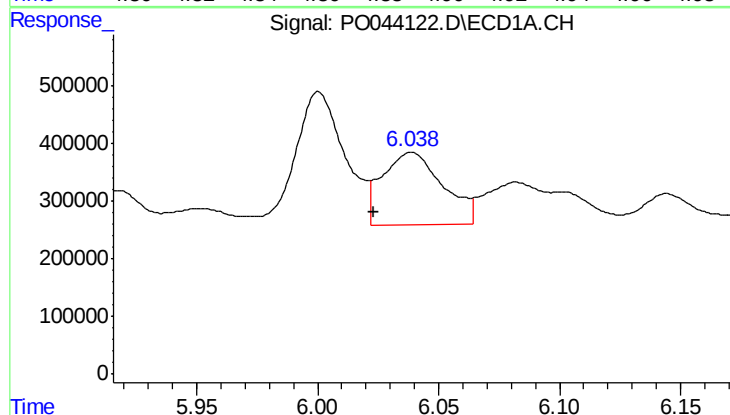
R.T.: 5.756 min
Delta R.T.: -0.012 min
Response: 421828
Conc: 29.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-EF-01-005-ABCD



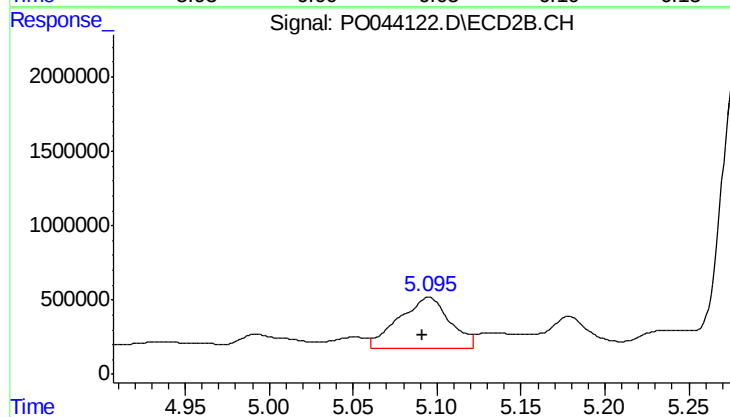
#22 AR-1248-2

R.T.: 4.886 min
Delta R.T.: -0.006 min
Response: 820860
Conc: 38.33 ng/ml



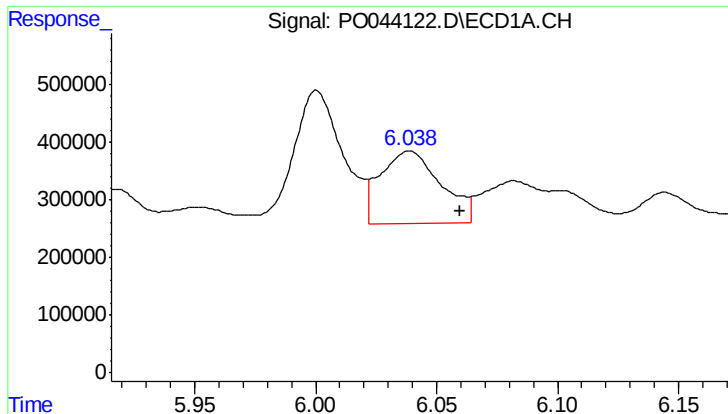
#23 AR-1248-3

R.T.: 6.039 min
Delta R.T.: 0.015 min
Response: 2212760
Conc: 118.49 ng/ml



#23 AR-1248-3

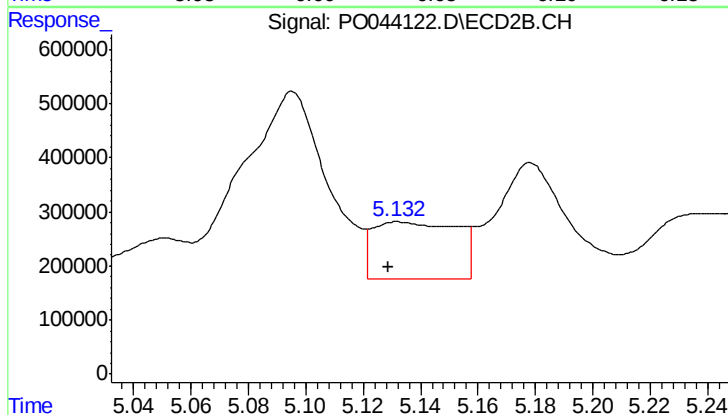
R.T.: 5.095 min
Delta R.T.: 0.004 min
Response: 7264616
Conc: 211.10 ng/ml



#24 AR-1248-4

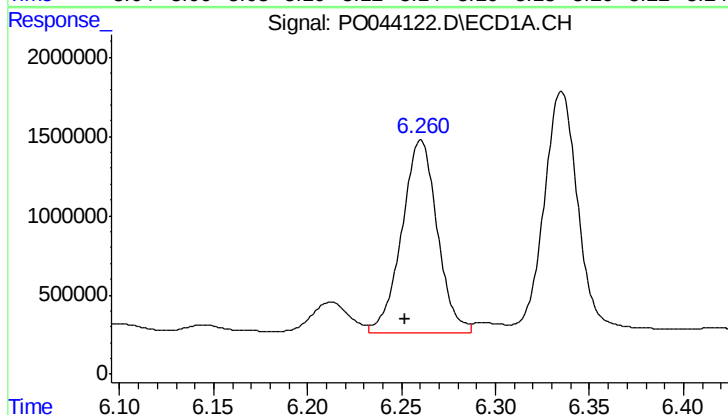
R.T.: 6.039 min
Delta R.T.: -0.021 min
Response: 2212760
Conc: 117.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-EF-01-005-ABCD



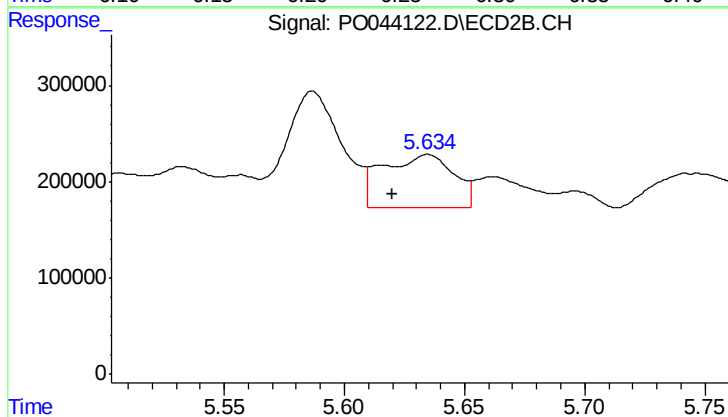
#24 AR-1248-4

R.T.: 5.132 min
Delta R.T.: 0.003 min
Response: 2157944
Conc: 76.41 ng/ml



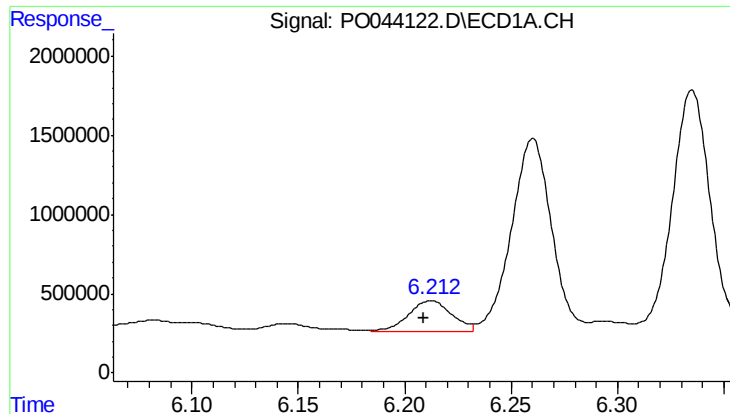
#25 AR-1248-5

R.T.: 6.260 min
Delta R.T.: 0.008 min
Response: 16006939
Conc: 1301.04 ng/ml



#25 AR-1248-5

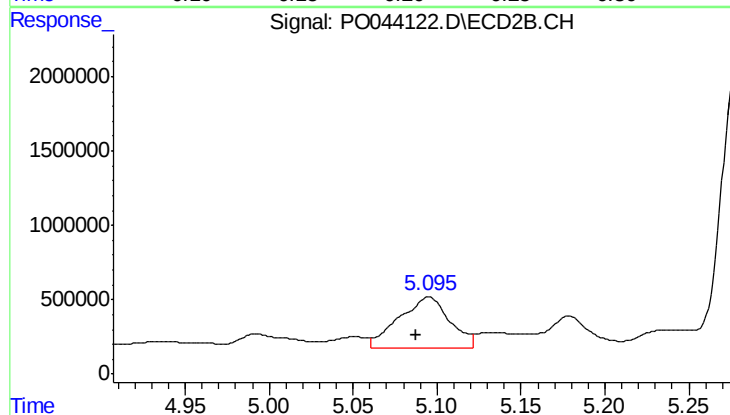
R.T.: 5.635 min
Delta R.T.: 0.015 min
Response: 1114819
Conc: 67.99 ng/ml



#26 AR-1254-1

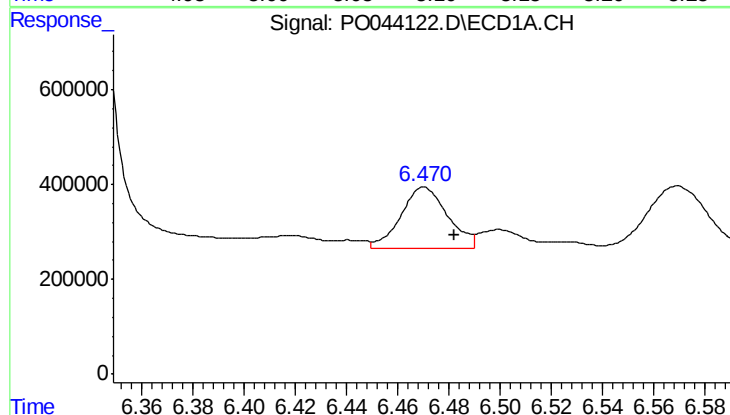
R.T.: 6.213 min
Delta R.T.: 0.004 min
Response: 2778430
Conc: 79.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-EF-01-005-ABCD



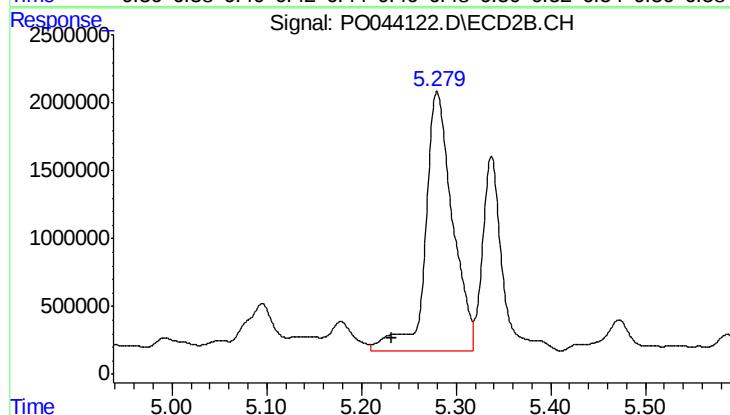
#26 AR-1254-1

R.T.: 5.095 min
Delta R.T.: 0.007 min
Response: 7264616
Conc: 156.37 ng/ml



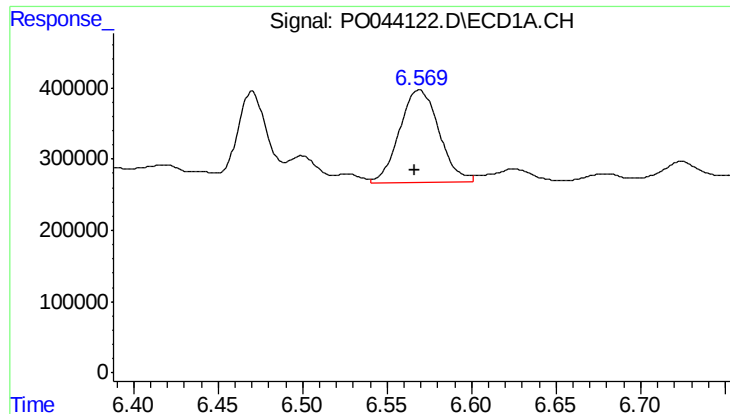
#27 AR-1254-2

R.T.: 6.470 min
Delta R.T.: -0.012 min
Response: 1627717
Conc: 71.69 ng/ml



#27 AR-1254-2

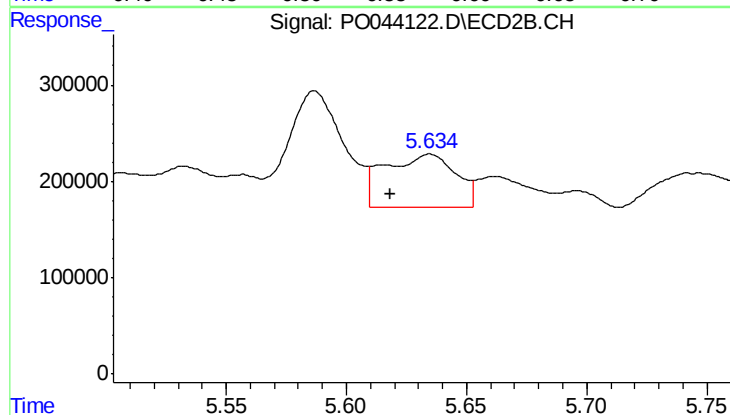
R.T.: 5.280 min
Delta R.T.: 0.048 min
Response: 38125845
Conc: 970.16 ng/ml



#28 AR-1254-3

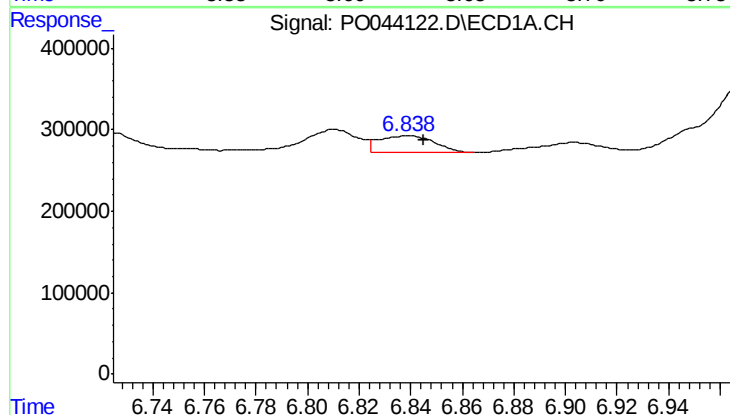
R.T.: 6.569 min
Delta R.T.: 0.003 min
Response: 2112074
Conc: 55.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-EF-01-005-ABCD



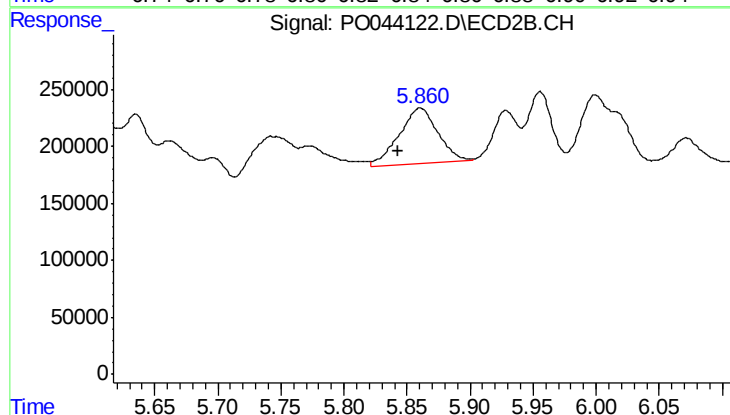
#28 AR-1254-3

R.T.: 5.635 min
Delta R.T.: 0.016 min
Response: 1114819
Conc: 17.42 ng/ml



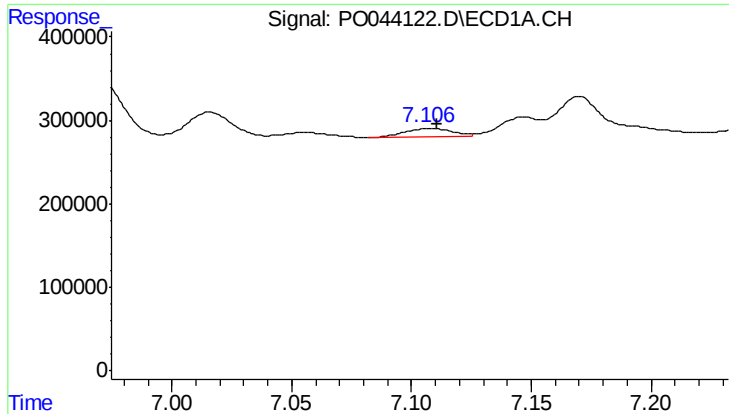
#29 AR-1254-4

R.T.: 6.839 min
Delta R.T.: -0.006 min
Response: 311252
Conc: 10.07 ng/ml



#29 AR-1254-4

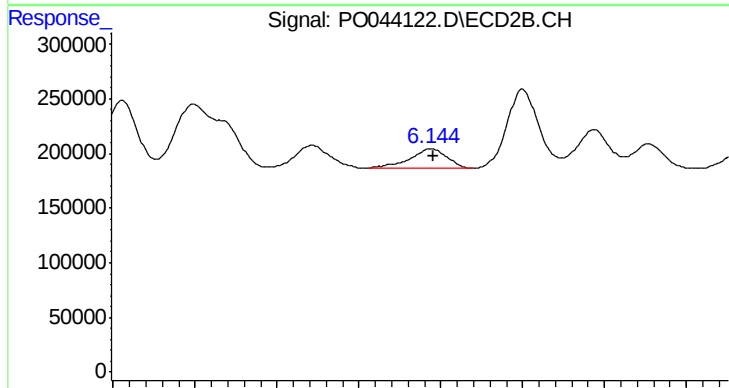
R.T.: 5.861 min
Delta R.T.: 0.018 min
Response: 1039886
Conc: 20.12 ng/ml



#30 AR-1254-5

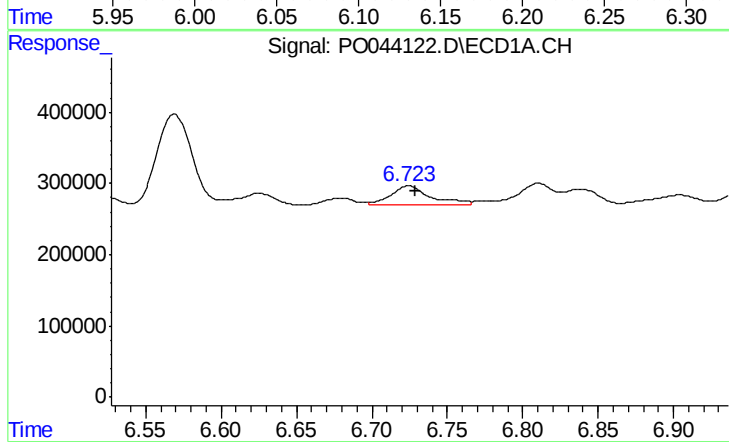
R.T.: 7.107 min
Delta R.T.: -0.004 min
Response: 138827
Conc: 6.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-EF-01-005-ABCD



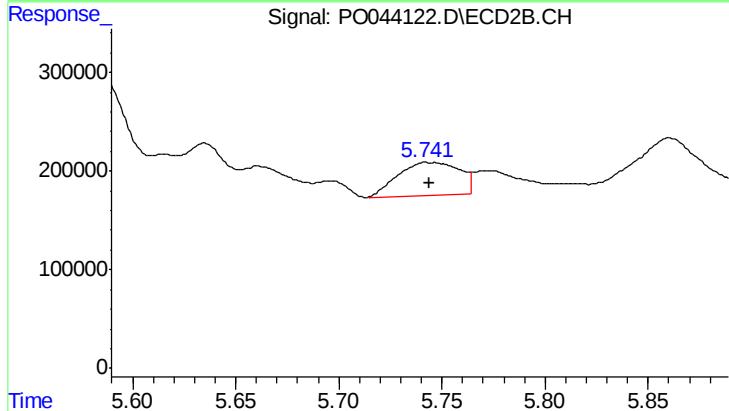
#30 AR-1254-5

R.T.: 6.144 min
Delta R.T.: -0.002 min
Response: 281632
Conc: 9.42 ng/ml



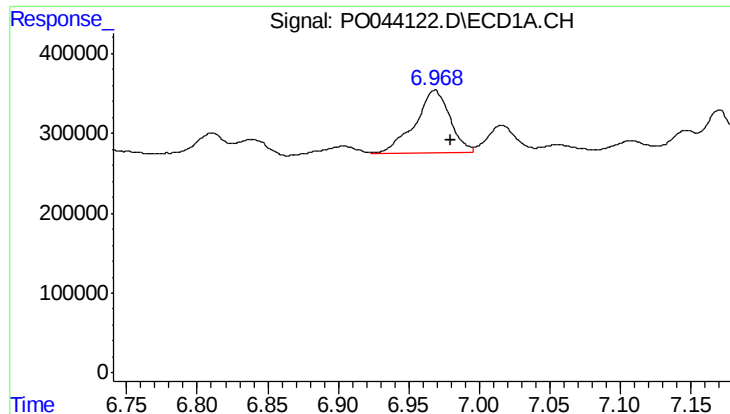
#31 AR-1260-1

R.T.: 6.724 min
Delta R.T.: -0.004 min
Response: 488402
Conc: 18.91 ng/ml



#31 AR-1260-1

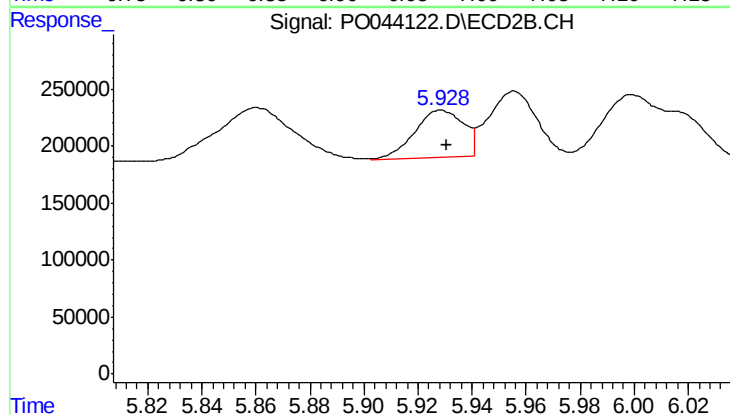
R.T.: 5.746 min
Delta R.T.: 0.002 min
Response: 694174
Conc: 17.38 ng/ml



#32 AR-1260-2

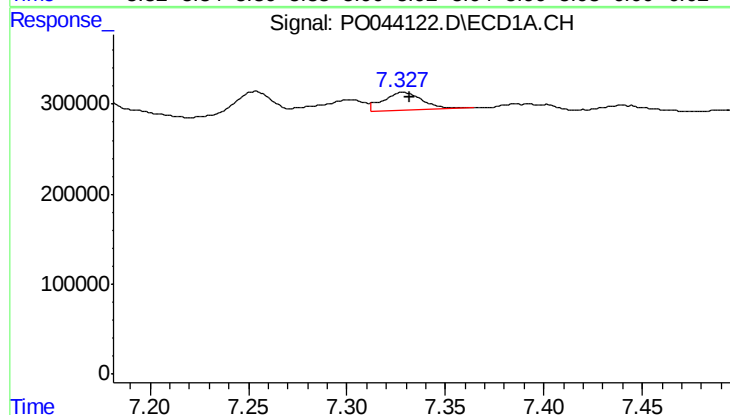
R.T.: 6.968 min
Delta R.T.: -0.011 min
Response: 1362675
Conc: 39.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-EF-01-005-ABCD



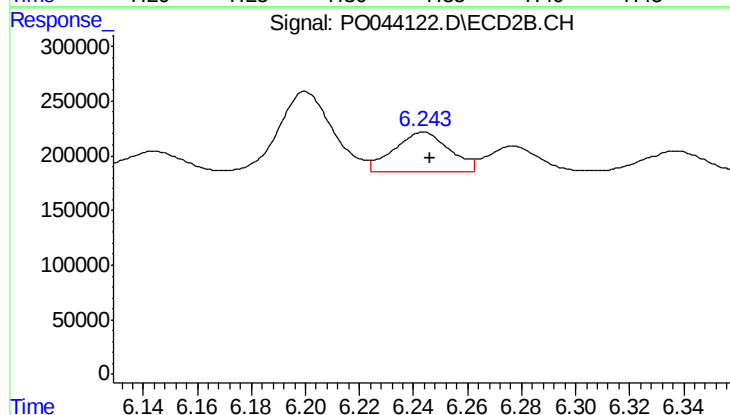
#32 AR-1260-2

R.T.: 5.929 min
Delta R.T.: -0.002 min
Response: 512429
Conc: 9.53 ng/ml



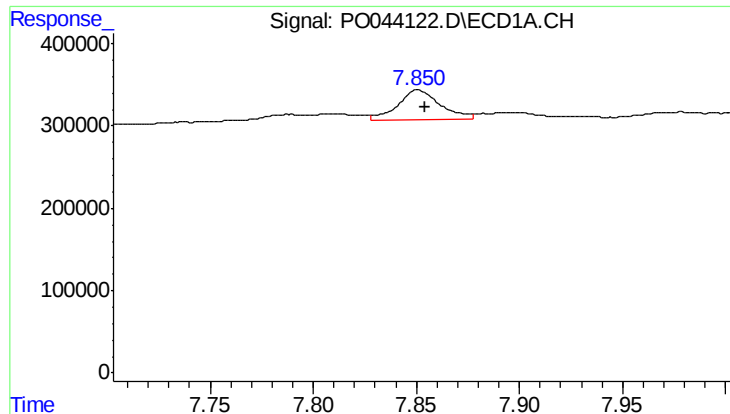
#33 AR-1260-3

R.T.: 7.329 min
Delta R.T.: -0.004 min
Response: 280104
Conc: 9.92 ng/ml



#33 AR-1260-3

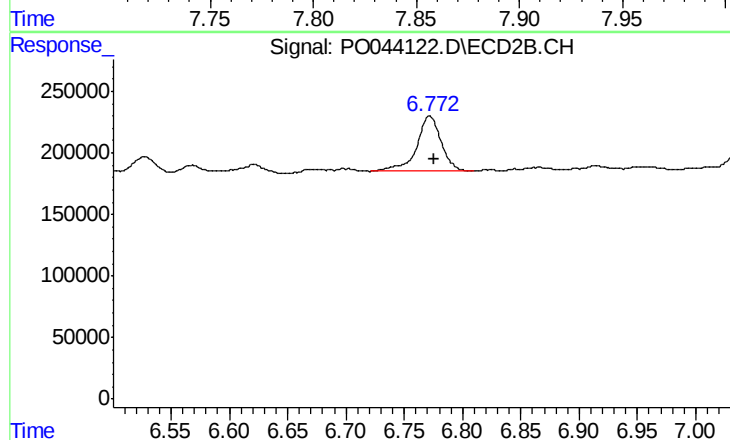
R.T.: 6.244 min
Delta R.T.: -0.003 min
Response: 506250
Conc: 9.26 ng/ml



#34 AR-1260-4

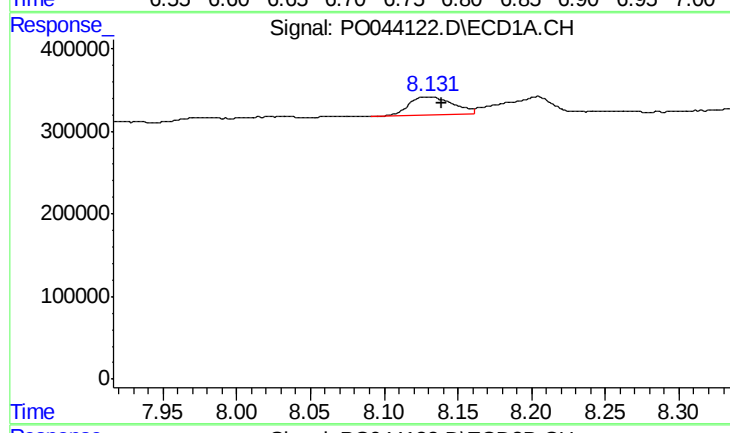
R.T.: 7.851 min
Delta R.T.: -0.003 min
Response: 532918
Conc: 8.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-EF-01-005-ABCD



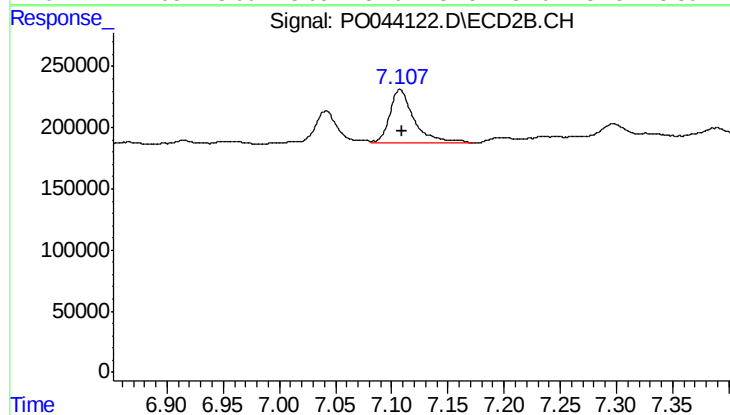
#34 AR-1260-4

R.T.: 6.772 min
Delta R.T.: -0.003 min
Response: 661130
Conc: 6.03 ng/ml



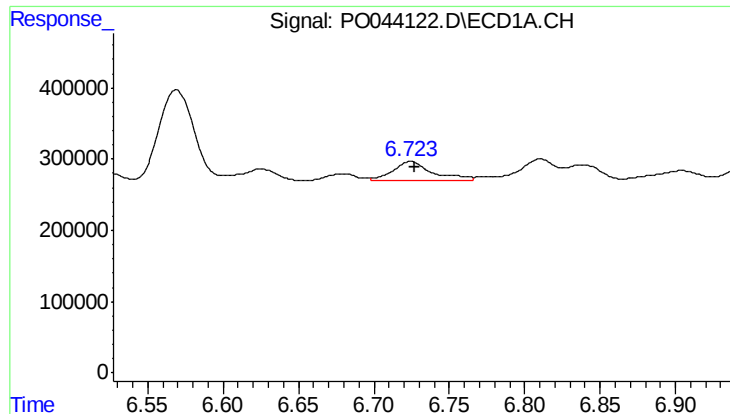
#35 AR-1260-5

R.T.: 8.130 min
Delta R.T.: -0.008 min
Response: 479322
Conc: 11.84 ng/ml



#35 AR-1260-5

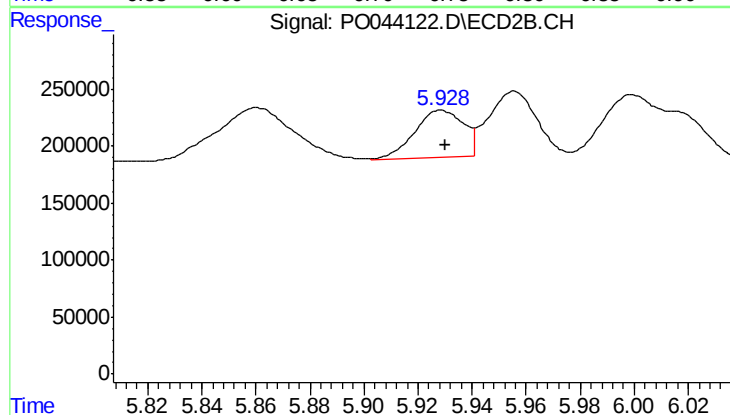
R.T.: 7.107 min
Delta R.T.: -0.002 min
Response: 680587
Conc: 8.82 ng/ml



#36 AR-1262-1

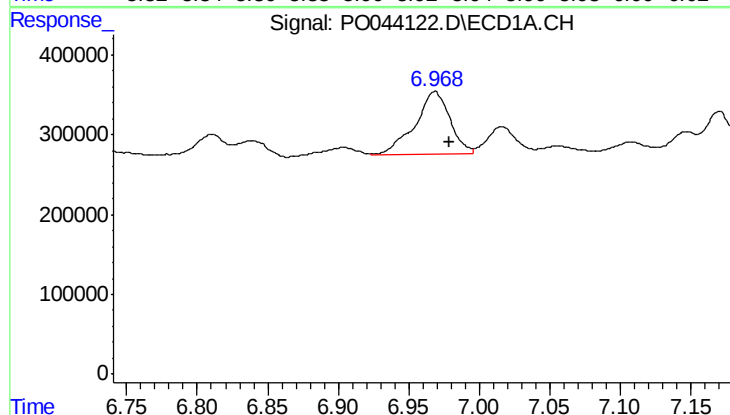
R.T.: 6.724 min
Delta R.T.: -0.003 min
Response: 488402
Conc: 23.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-EF-01-005-ABCD



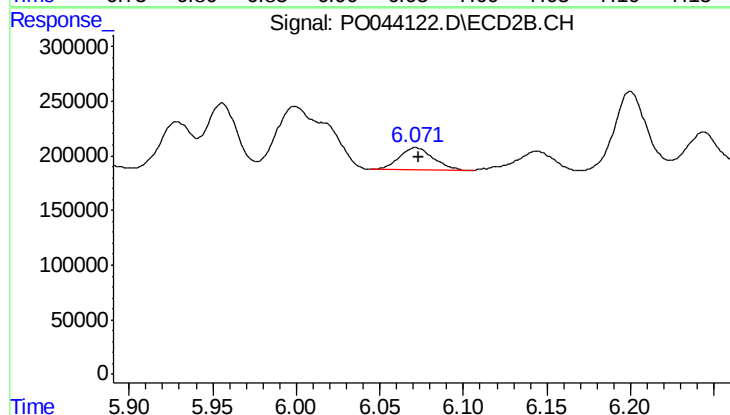
#36 AR-1262-1

R.T.: 5.929 min
Delta R.T.: -0.002 min
Response: 512429
Conc: 12.08 ng/ml



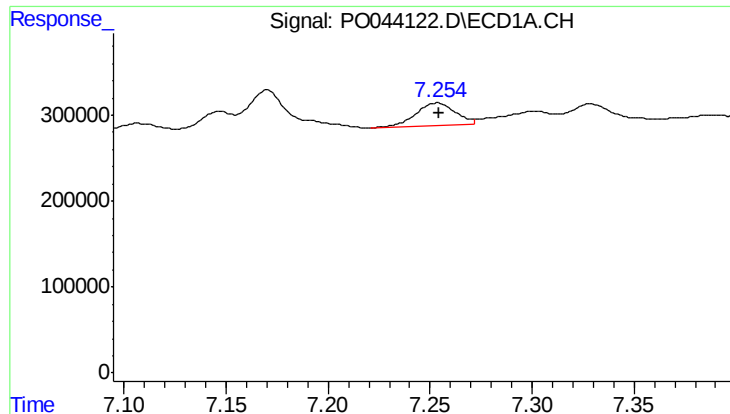
#37 AR-1262-2

R.T.: 6.968 min
Delta R.T.: -0.011 min
Response: 1362675
Conc: 49.20 ng/ml



#37 AR-1262-2

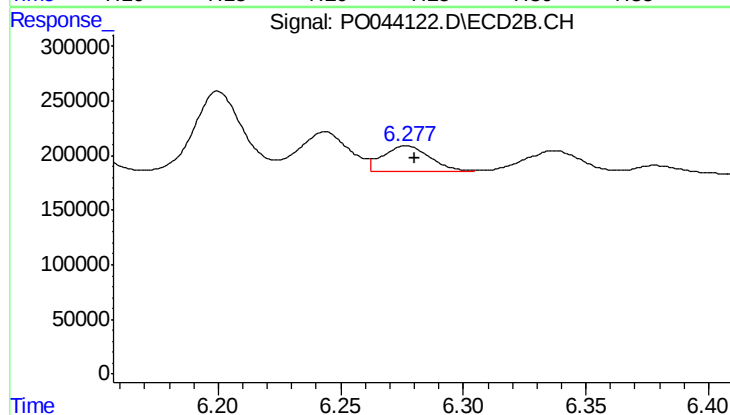
R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 289874
Conc: 7.35 ng/ml



#38 AR-1262-3

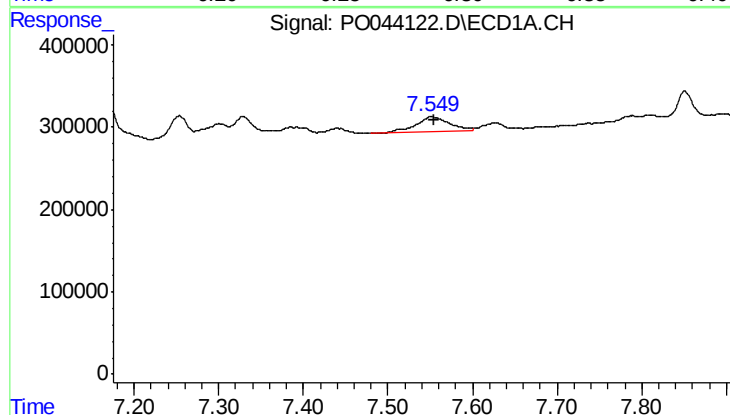
R.T.: 7.254 min
Delta R.T.: 0.000 min
Response: 355519
Conc: 13.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-EF-01-005-ABCD



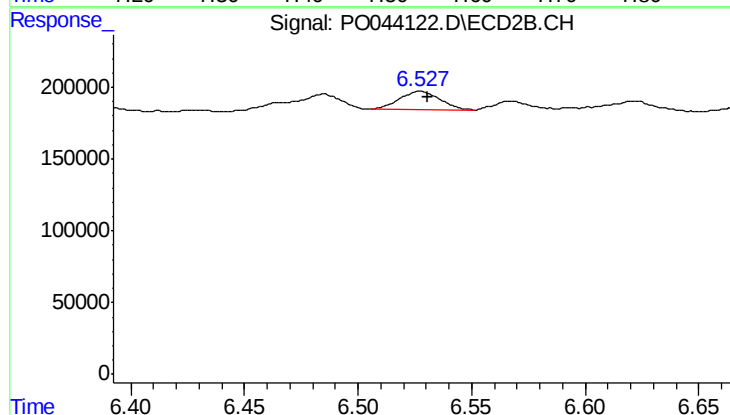
#38 AR-1262-3

R.T.: 6.277 min
Delta R.T.: -0.003 min
Response: 304965
Conc: 4.46 ng/ml



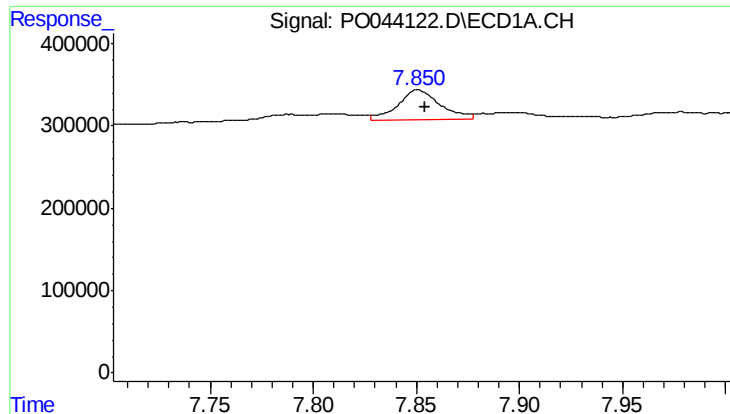
#39 AR-1262-4

R.T.: 7.551 min
Delta R.T.: -0.004 min
Response: 505362
Conc: 14.22 ng/ml



#39 AR-1262-4

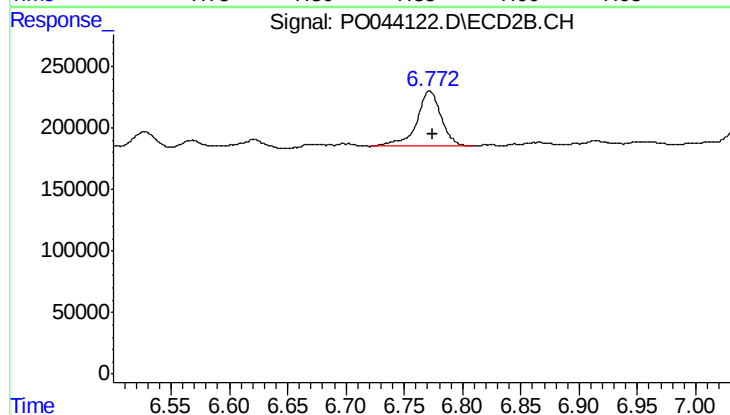
R.T.: 6.527 min
Delta R.T.: -0.003 min
Response: 158688
Conc: 2.85 ng/ml



#40 AR-1262-5

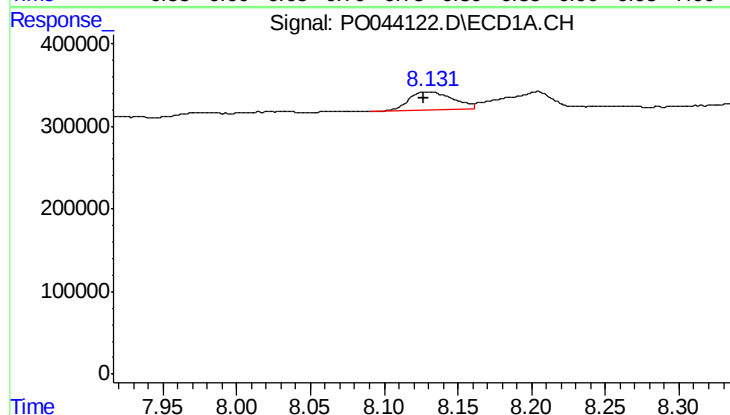
R.T.: 7.851 min
Delta R.T.: -0.004 min
Response: 532918
Conc: 6.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-EF-01-005-ABCD



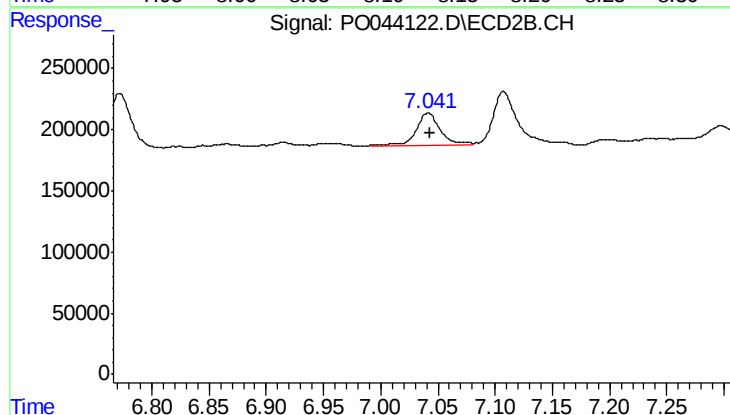
#40 AR-1262-5

R.T.: 6.772 min
Delta R.T.: -0.003 min
Response: 661130
Conc: 5.12 ng/ml



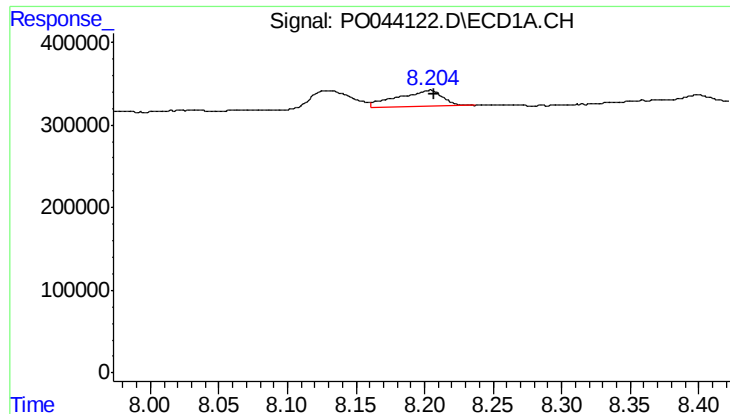
#41 AR-1268-1

R.T.: 8.130 min
Delta R.T.: 0.003 min
Response: 479322
Conc: 6.02 ng/ml



#41 AR-1268-1

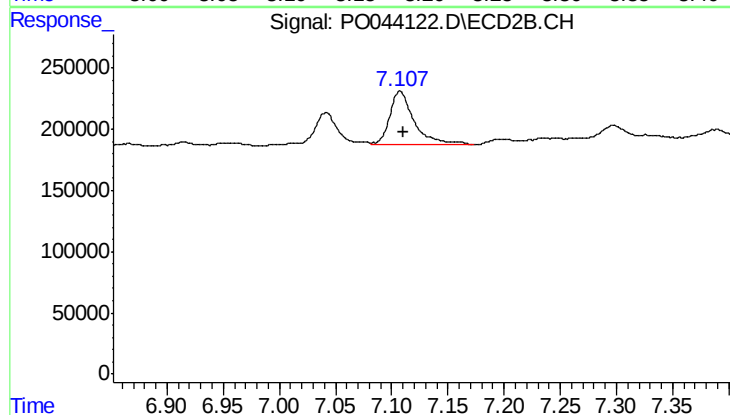
R.T.: 7.041 min
Delta R.T.: -0.002 min
Response: 390473
Conc: 3.06 ng/ml



#42 AR-1268-2

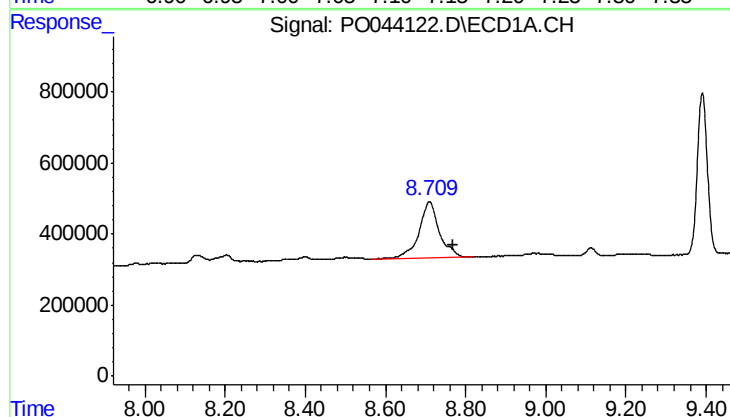
R.T.: 8.204 min
Delta R.T.: -0.003 min
Response: 469361
Conc: 6.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-EF-01-005-ABCD



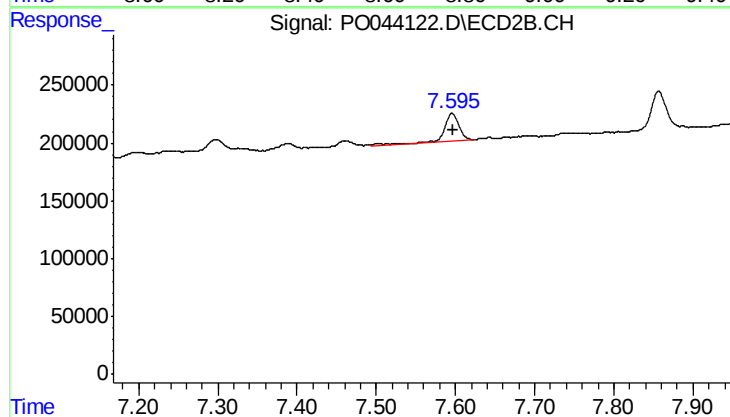
#42 AR-1268-2

R.T.: 7.107 min
Delta R.T.: -0.002 min
Response: 680587
Conc: 5.77 ng/ml



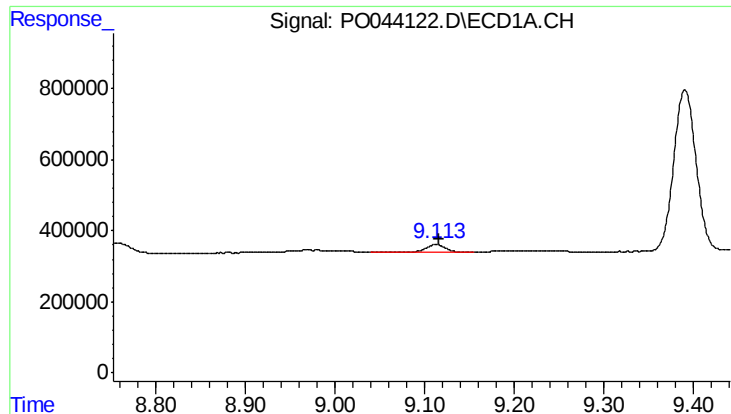
#44 AR-1268-4

R.T.: 8.709 min
Delta R.T.: -0.059 min
Response: 5585359
Conc: 203.07 ng/ml



#44 AR-1268-4

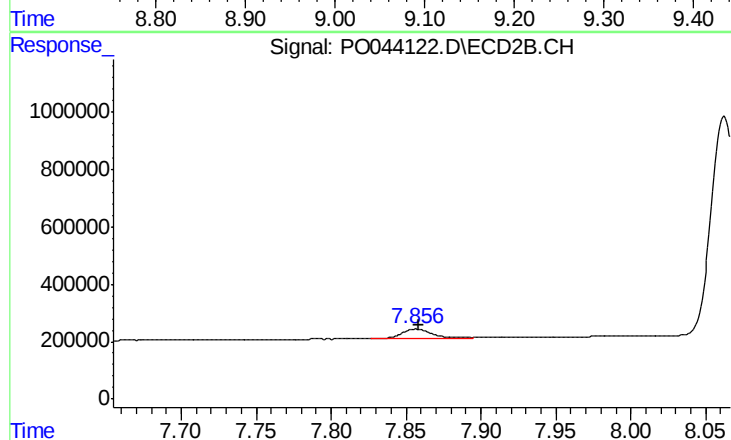
R.T.: 7.596 min
Delta R.T.: -0.002 min
Response: 287960
Conc: 7.00 ng/ml



#45 AR-1268-5

R.T.: 9.113 min
Delta R.T.: -0.003 min
Response: 289762
Conc: 1.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-EF-01-005-ABCD



#45 AR-1268-5

R.T.: 7.857 min
Delta R.T.: -0.002 min
Response: 434633
Conc: 1.45 ng/ml