

Data Path : Z:\bestpcbsrv\HPCHEM1\ECD 0\Data\P0082518\
 Data File : P0048499.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Aug 2018 14:37
 Operator : SM/SJ
 Sample : PB112346BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 22:43:00 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0082418.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 24 08:17:51 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...	4.384	3.625	3963343	5325934	20.922	19.673
2) SA Decachlor...	10.066	8.600	3248991	2844391	18.867	16.984
Target Compounds						
3) L1 AR-1016-1	5.091	4.295	1178723	1478679	247.162	246.765
4) L1 AR-1016-2	5.285	4.705	1194174	2254355	254.669	256.635
5) L1 AR-1016-3	5.552	4.724	1724335	3276685	253.413	255.976
6) L1 AR-1016-4	5.636	4.779	1530622	2186135	251.772	266.561
7) L1 AR-1016-5	6.027	5.153	1180731	1802841	236.431	243.908
8) L2 AR-1221-1	4.592	3.837	131921	148001	62.747	56.239
9) L2 AR-1221-2	4.680	3.924	181824	218429	119.925	113.539
10) L2 AR-1221-3	4.758	3.999	811012	914318	163.478	146.633
11) L3 AR-1232-1	5.574	4.486	2487197	1721414	553.534	589.830
12) L3 AR-1232-2	5.735	4.724	1233833	3276685	543.092	547.205
13) L3 AR-1232-3	5.824	4.981	1040976	1656996	619.083	630.463
14) L3 AR-1232-4	6.404	5.300	974495	1333435	601.644	480.654
15) L3 AR-1232-5	6.470	5.542	173713	212902	73.828	69.165
16) L4 AR-1242-1	5.121	4.315	730870	1063314	305.087	304.062
17) L4 AR-1242-2	5.869	4.899	1088406	1642073	300.292	300.199
18) L4 AR-1242-3	6.068	4.940	416485	1352153	241.361	322.207 #
19) L4 AR-1242-4	6.113	0.000	303620	0	235.338	N.D. #
20) L4 AR-1242-5	6.168	0.000	1022151	0	228.738	N.D. #
21) L5 AR-1248-1	5.824	4.940	1040976	1352153	176.340	178.429
22) L5 AR-1248-2	6.404	5.502	974495	1461421	167.664	111.004 #
23) L5 AR-1248-3	6.429	5.542	193441	212902	25.066	23.336
24) L5 AR-1248-4	6.470	0.000	173713	0	23.715	N.D. #
25) L5 AR-1248-5	6.620	6.065	1008601	2283924	208.471	381.029 #
26) L6 AR-1254-1	6.620	5.648	1008601	1347113	74.299	93.631 #
27) L6 AR-1254-2	6.902	5.961	214583	272594	25.999	23.536
28) L6 AR-1254-3	6.988	6.277	751930	248326	52.406	16.953 #
29) L6 AR-1254-4	7.271	6.598	378550	305386	34.444	31.032
30) L6 AR-1254-5	7.533	6.692	1219718	3877444	149.664	198.974 #
31) L7 AR-1260-1	7.149	6.179	2331297	3081635	234.035	222.523
32) L7 AR-1260-2	7.405	6.366	2745985	3869646	229.233	220.575
33) L7 AR-1260-3	7.688	6.520	3229165	3195576	235.285	208.409
34) L7 AR-1260-4	7.988	6.989	1970658	2092258	199.043	179.750
35) L7 AR-1260-5	8.303	7.229	3769828	4757648	197.475	175.699
36) L8 AR-1262-1	7.043	6.065	1537439	2283924	196.856	214.865
37) L8 AR-1262-2	7.820	6.783	996722	1345286	154.796	140.732
38) L8 AR-1262-3	8.068	7.086	904261	1140942	130.965	120.841

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 Sample : PB112346BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

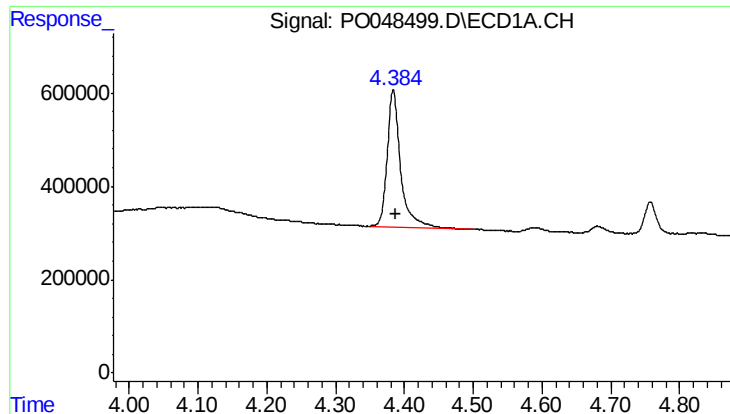
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 22:43:00 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0082418.M
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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
39) L8	AR-1262-4	8.676	7.511	1343825	886821	98.383	65.900 #
40) L8	AR-1262-5	9.338	8.067	841213	816152	90.978	79.241
41) L9	AR-1268-1	7.763	6.730	1827984	2650503	344.509	342.657
42) L9	AR-1268-2	7.988	7.575	1970658	3053062	288.590	101.148 #
43) L9	AR-1268-3	8.623	7.781	2298779	119848	89.104	4.826 #
44) L9	AR-1268-4	8.918	7.940	102073	380663	4.958	58.186 #
45) L9	AR-1268-5	9.740	8.352	307875	271972	5.073	4.368

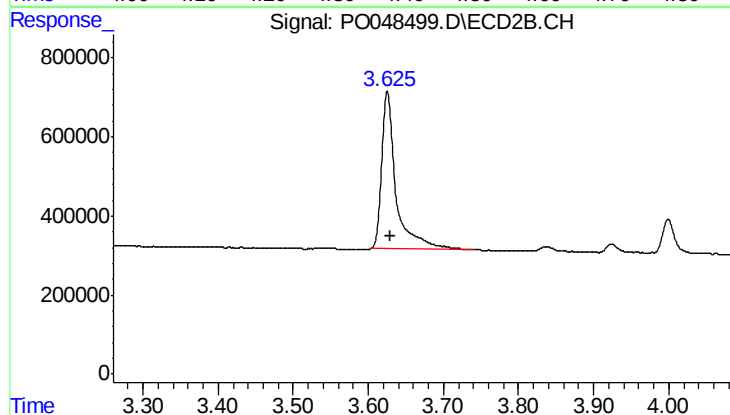
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

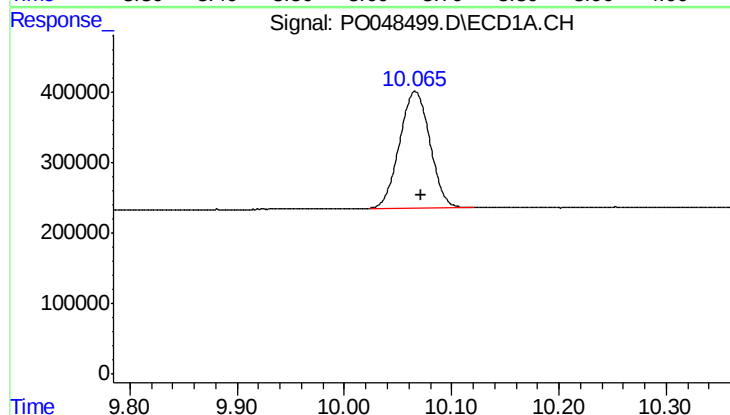
R.T.: 4.384 min
Delta R.T.: -0.004 min
Response: 3963343
Conc: 20.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



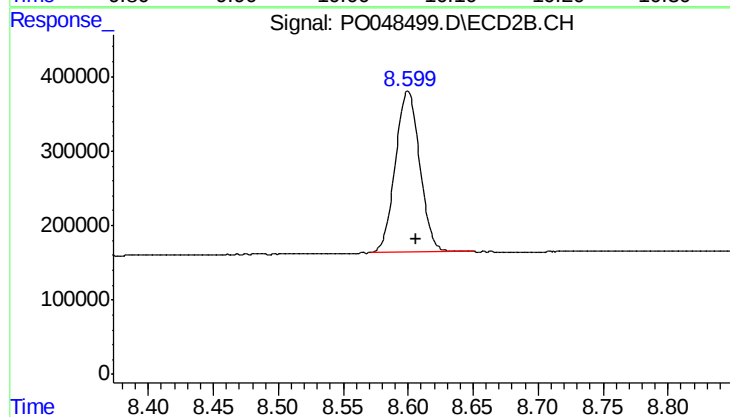
#1 Tetrachloro-m-xylene

R.T.: 3.625 min
Delta R.T.: -0.005 min
Response: 5325934
Conc: 19.67 ng/ml



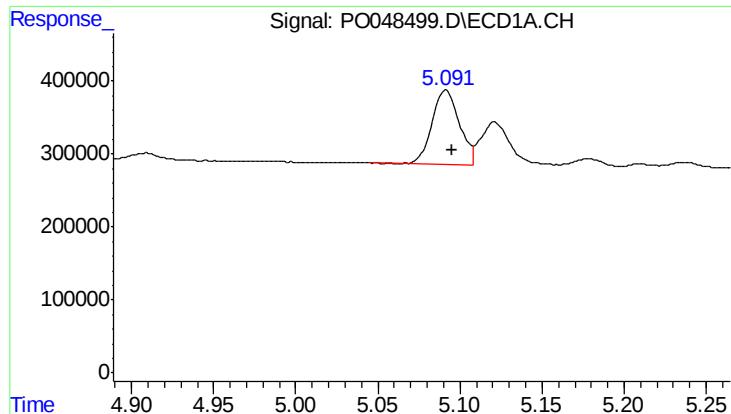
#2 Decachlorobiphenyl

R.T.: 10.066 min
Delta R.T.: -0.006 min
Response: 3248991
Conc: 18.87 ng/ml



#2 Decachlorobiphenyl

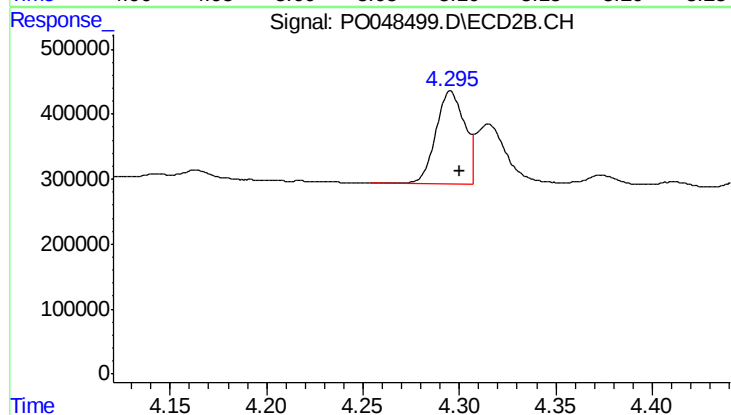
R.T.: 8.600 min
Delta R.T.: -0.006 min
Response: 2844391
Conc: 16.98 ng/ml



#3 AR-1016-1

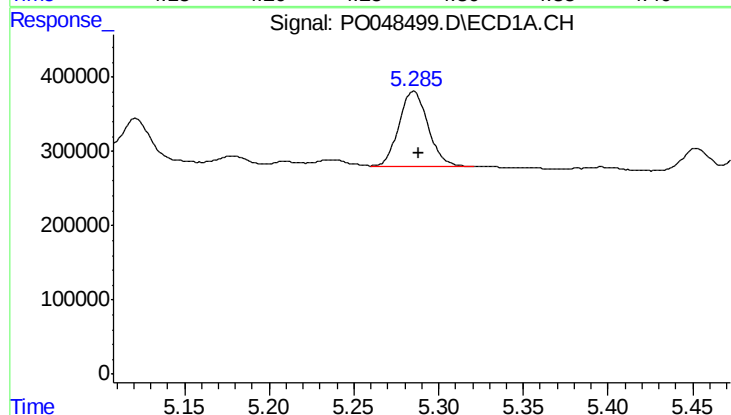
R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 1178723
Conc: 247.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



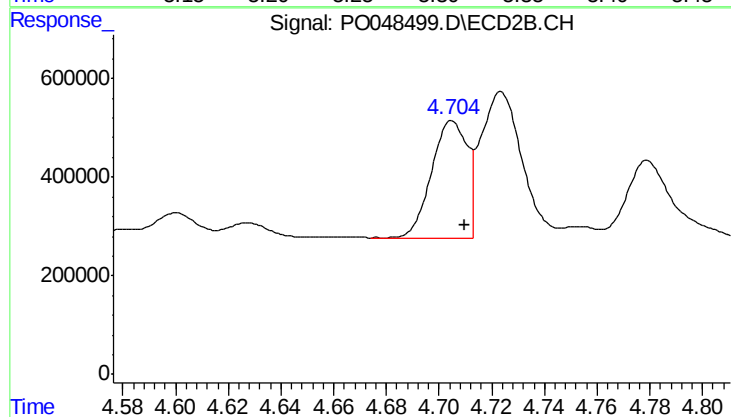
#3 AR-1016-1

R.T.: 4.295 min
Delta R.T.: -0.005 min
Response: 1478679
Conc: 246.77 ng/ml



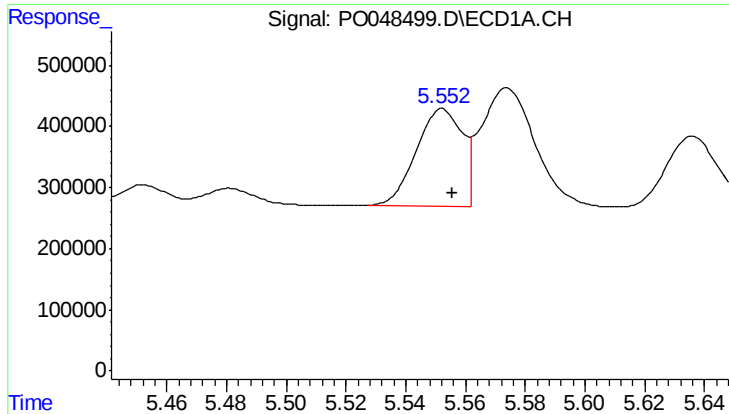
#4 AR-1016-2

R.T.: 5.285 min
Delta R.T.: -0.003 min
Response: 1194174
Conc: 254.67 ng/ml



#4 AR-1016-2

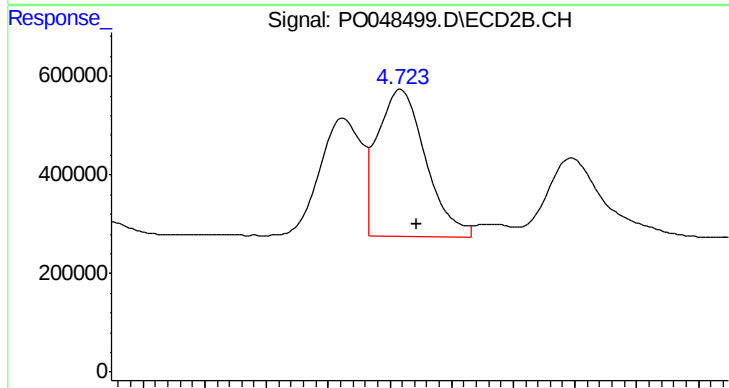
R.T.: 4.705 min
Delta R.T.: -0.005 min
Response: 2254355
Conc: 256.64 ng/ml



#5 AR-1016-3

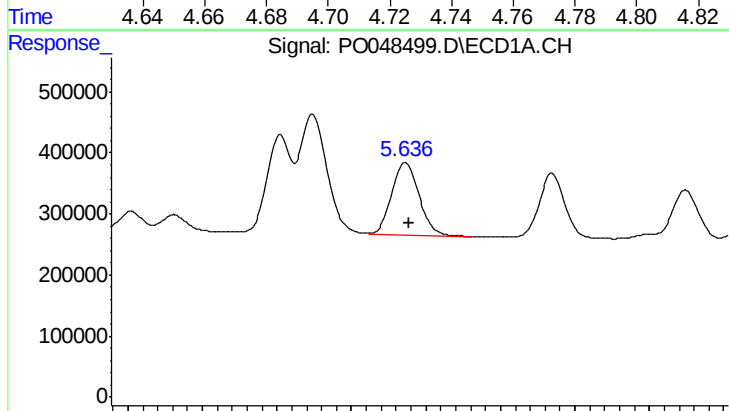
R.T.: 5.552 min
Delta R.T.: -0.003 min
Response: 1724335
Conc: 253.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



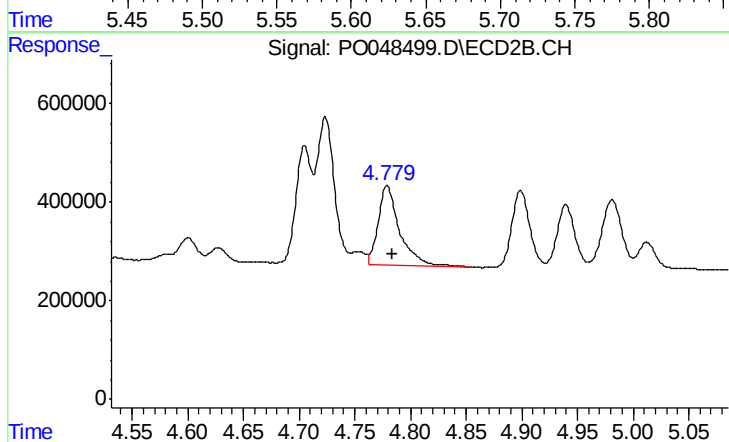
#5 AR-1016-3

R.T.: 4.724 min
Delta R.T.: -0.005 min
Response: 3276685
Conc: 255.98 ng/ml



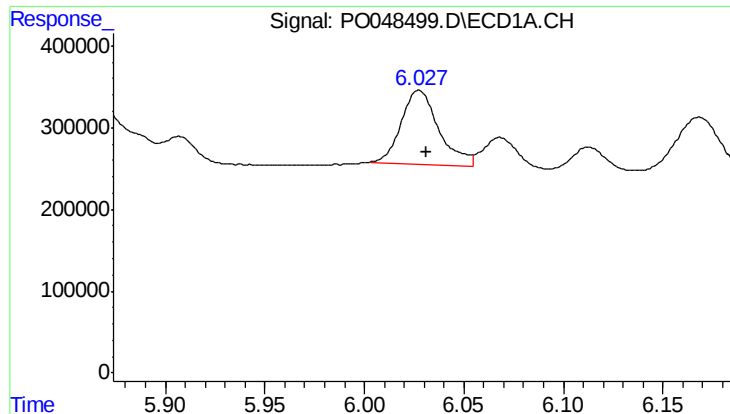
#6 AR-1016-4

R.T.: 5.636 min
Delta R.T.: -0.003 min
Response: 1530622
Conc: 251.77 ng/ml



#6 AR-1016-4

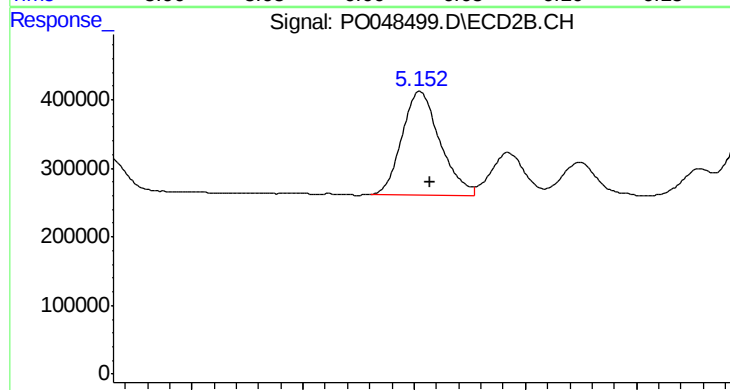
R.T.: 4.779 min
Delta R.T.: -0.005 min
Response: 2186135
Conc: 266.56 ng/ml



#7 AR-1016-5

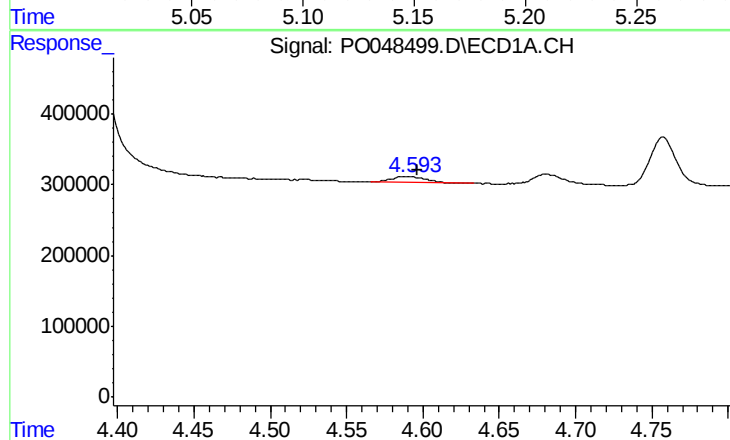
R.T.: 6.027 min
Delta R.T.: -0.004 min
Response: 1180731
Conc: 236.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



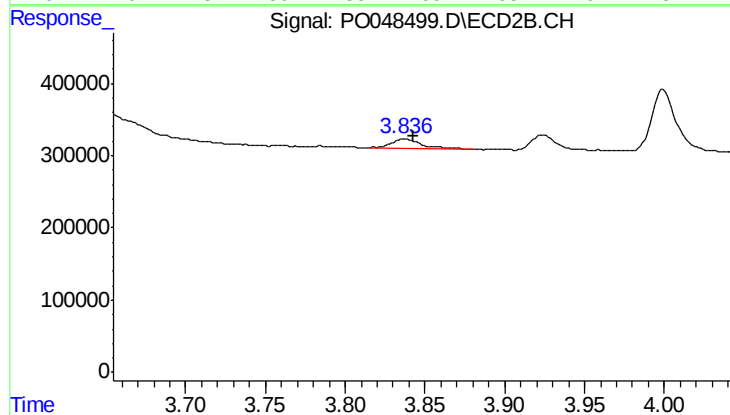
#7 AR-1016-5

R.T.: 5.153 min
Delta R.T.: -0.005 min
Response: 1802841
Conc: 243.91 ng/ml



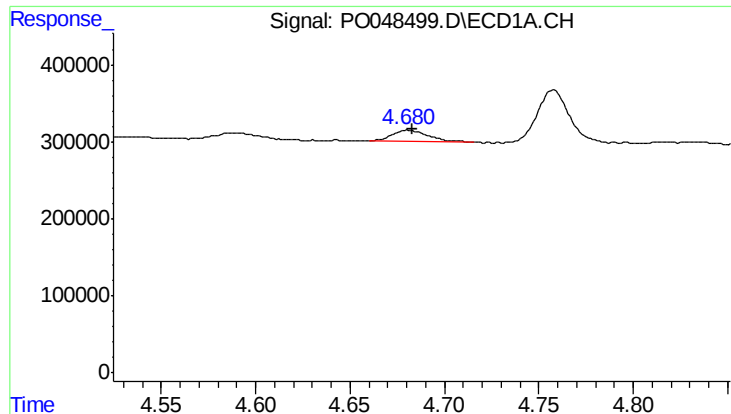
#8 AR-1221-1

R.T.: 4.592 min
Delta R.T.: -0.005 min
Response: 131921
Conc: 62.75 ng/ml



#8 AR-1221-1

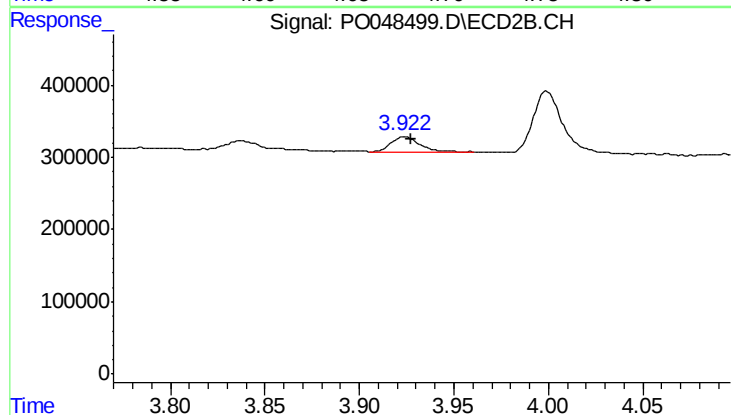
R.T.: 3.837 min
Delta R.T.: -0.005 min
Response: 148001
Conc: 56.24 ng/ml



#9 AR-1221-2

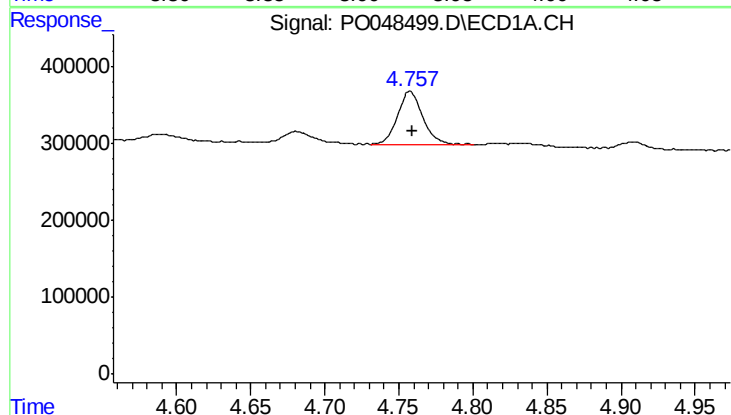
R.T.: 4.680 min
Delta R.T.: -0.003 min
Response: 181824
Conc: 119.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



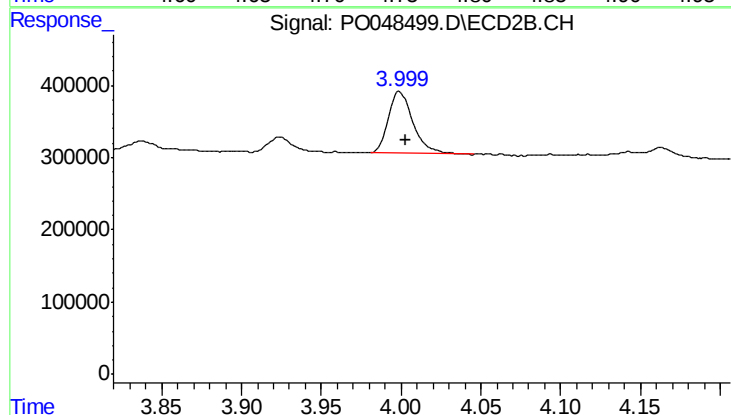
#9 AR-1221-2

R.T.: 3.924 min
Delta R.T.: -0.004 min
Response: 218429
Conc: 113.54 ng/ml



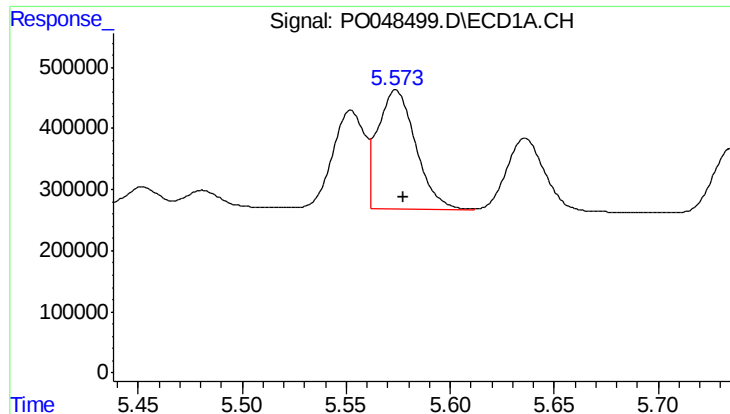
#10 AR-1221-3

R.T.: 4.758 min
Delta R.T.: -0.002 min
Response: 811012
Conc: 163.48 ng/ml



#10 AR-1221-3

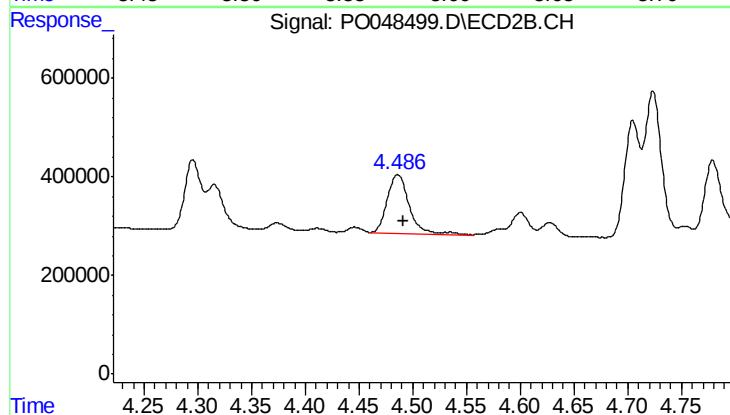
R.T.: 3.999 min
Delta R.T.: -0.004 min
Response: 914318
Conc: 146.63 ng/ml



#11 AR-1232-1

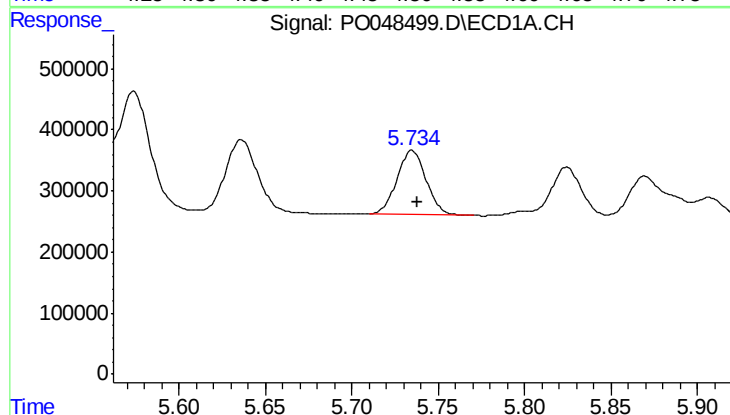
R.T.: 5.574 min
Delta R.T.: -0.004 min
Response: 2487197
Conc: 553.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



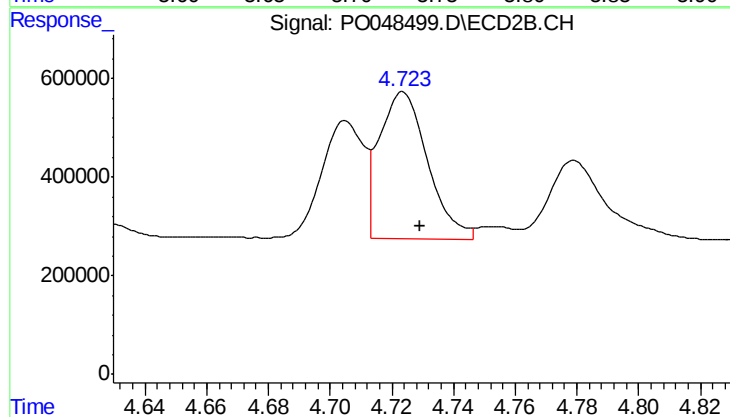
#11 AR-1232-1

R.T.: 4.486 min
Delta R.T.: -0.006 min
Response: 1721414
Conc: 589.83 ng/ml



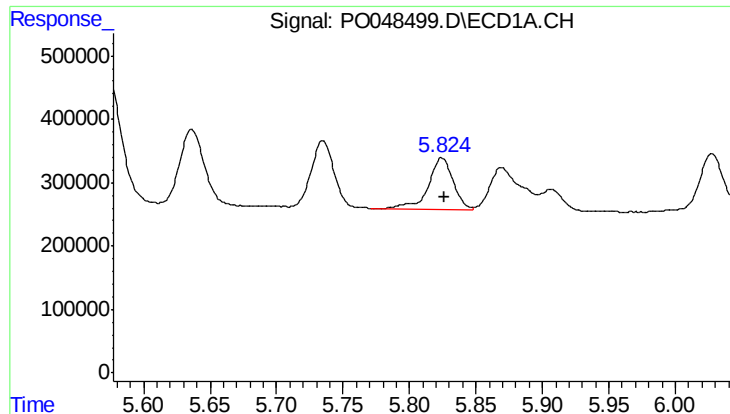
#12 AR-1232-2

R.T.: 5.735 min
Delta R.T.: -0.003 min
Response: 1233833
Conc: 543.09 ng/ml



#12 AR-1232-2

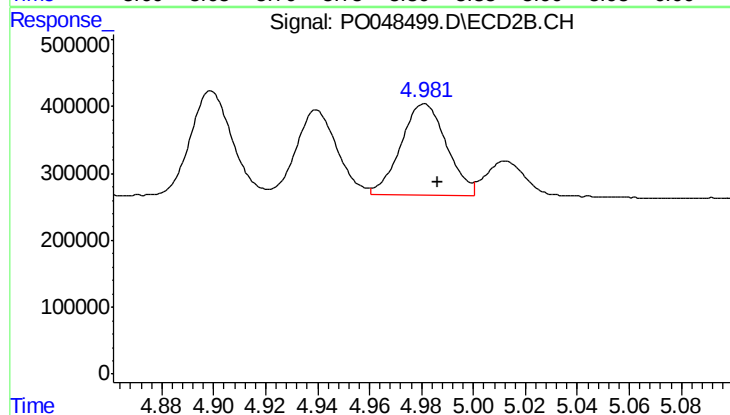
R.T.: 4.724 min
Delta R.T.: -0.005 min
Response: 3276685
Conc: 547.20 ng/ml



#13 AR-1232-3

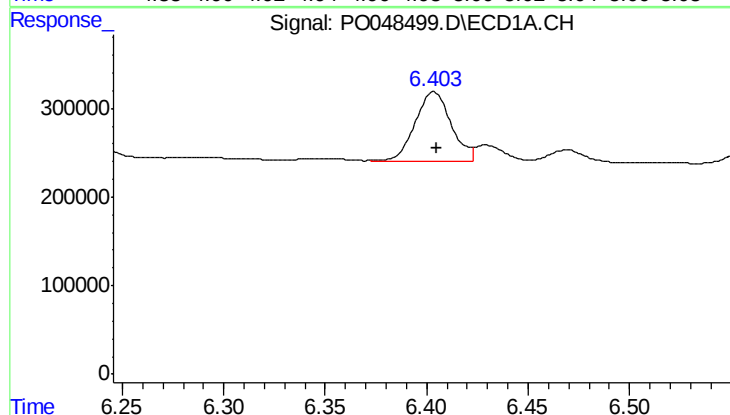
R.T.: 5.824 min
Delta R.T.: -0.002 min
Response: 1040976
Conc: 619.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



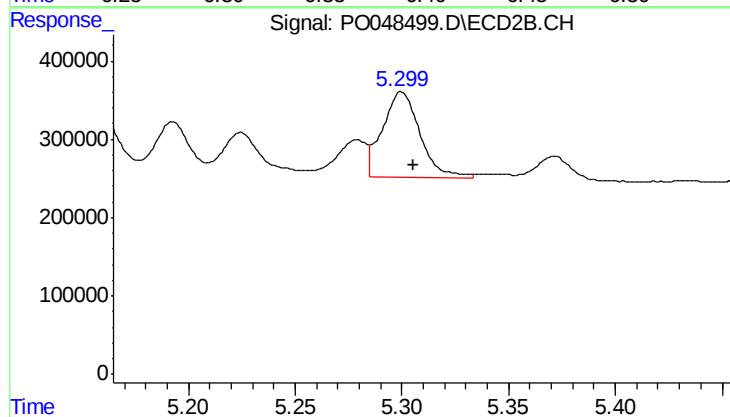
#13 AR-1232-3

R.T.: 4.981 min
Delta R.T.: -0.005 min
Response: 1656996
Conc: 630.46 ng/ml



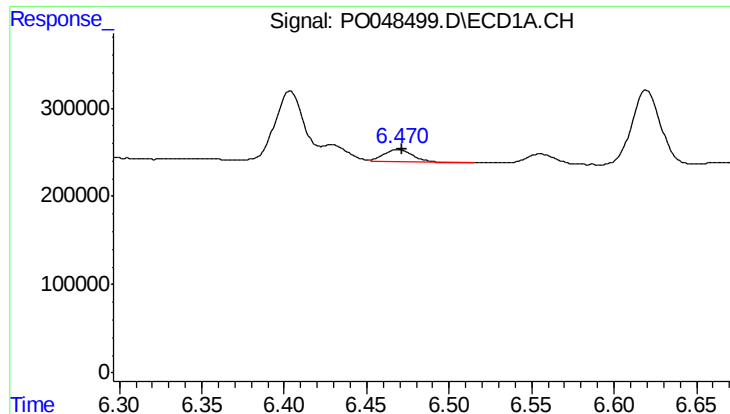
#14 AR-1232-4

R.T.: 6.404 min
Delta R.T.: -0.002 min
Response: 974495
Conc: 601.64 ng/ml



#14 AR-1232-4

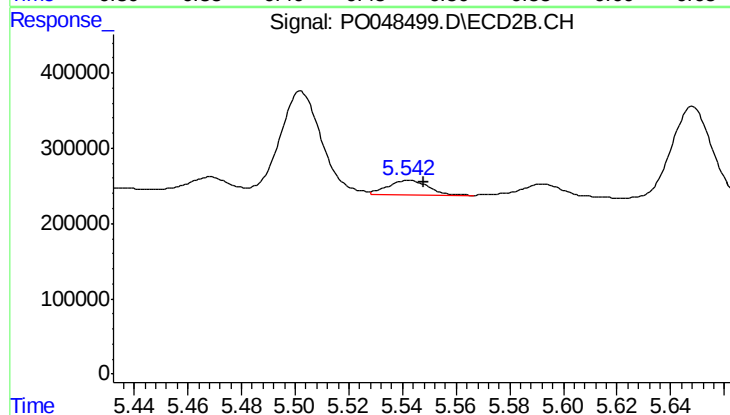
R.T.: 5.300 min
Delta R.T.: -0.006 min
Response: 1333435
Conc: 480.65 ng/ml



#15 AR-1232-5

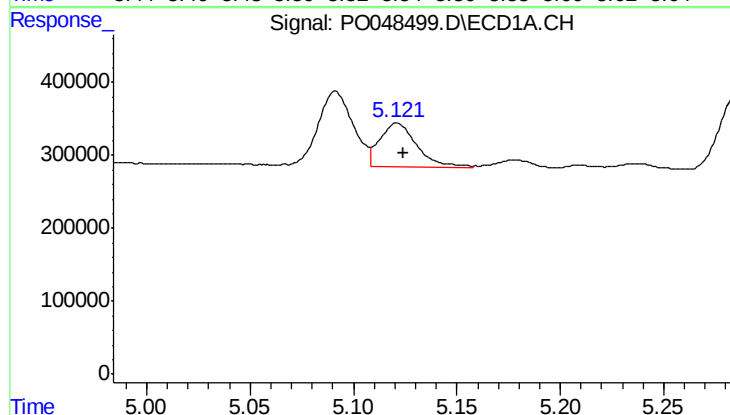
R.T.: 6.470 min
Delta R.T.: -0.002 min
Response: 173713
Conc: 73.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



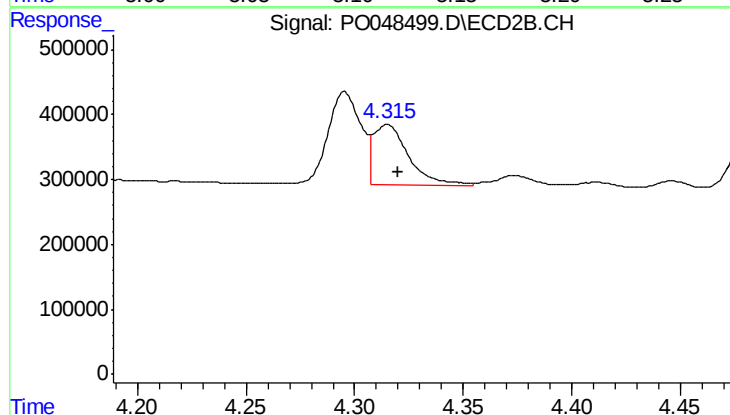
#15 AR-1232-5

R.T.: 5.542 min
Delta R.T.: -0.006 min
Response: 212902
Conc: 69.16 ng/ml



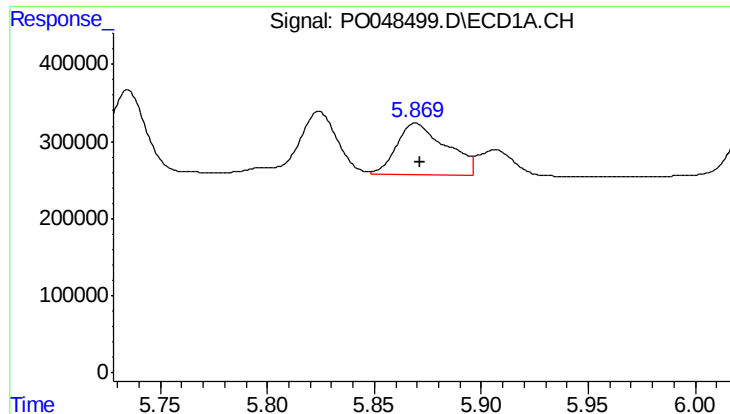
#16 AR-1242-1

R.T.: 5.121 min
Delta R.T.: -0.003 min
Response: 730870
Conc: 305.09 ng/ml



#16 AR-1242-1

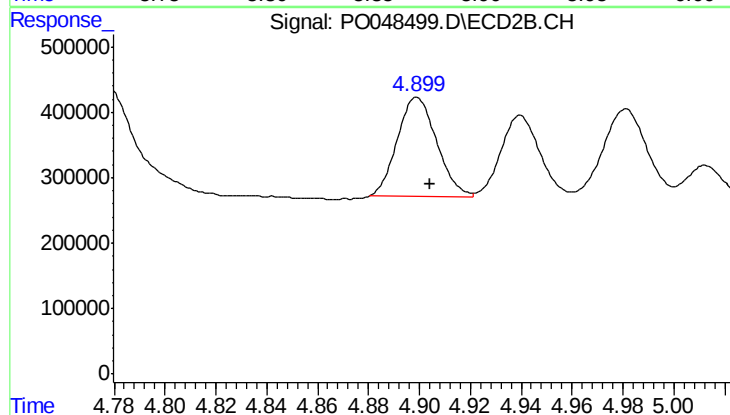
R.T.: 4.315 min
Delta R.T.: -0.005 min
Response: 1063314
Conc: 304.06 ng/ml



#17 AR-1242-2

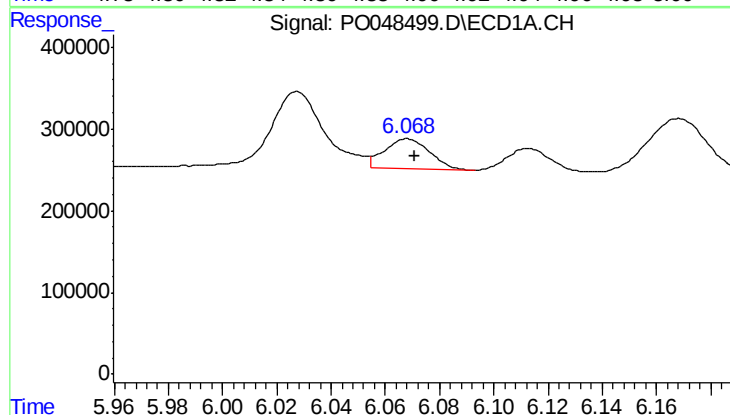
R.T.: 5.869 min
Delta R.T.: -0.002 min
Response: 1088406
Conc: 300.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



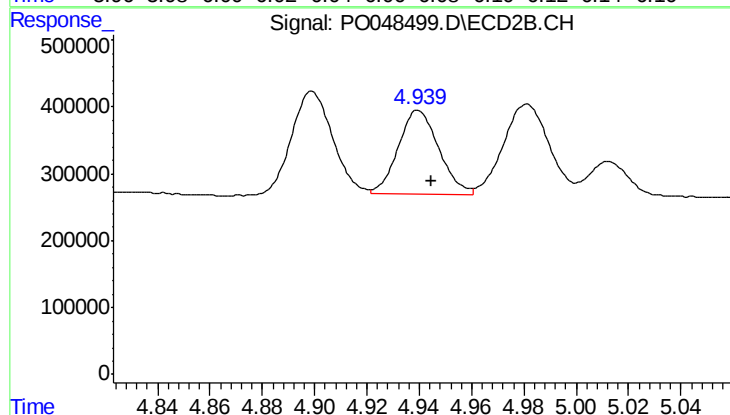
#17 AR-1242-2

R.T.: 4.899 min
Delta R.T.: -0.005 min
Response: 1642073
Conc: 300.20 ng/ml



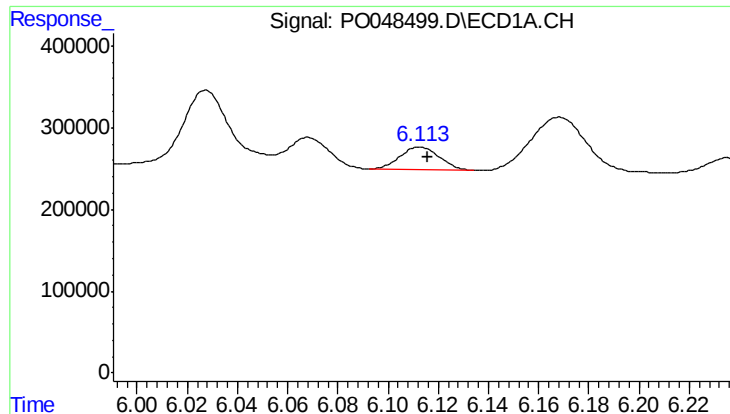
#18 AR-1242-3

R.T.: 6.068 min
Delta R.T.: -0.003 min
Response: 416485
Conc: 241.36 ng/ml



#18 AR-1242-3

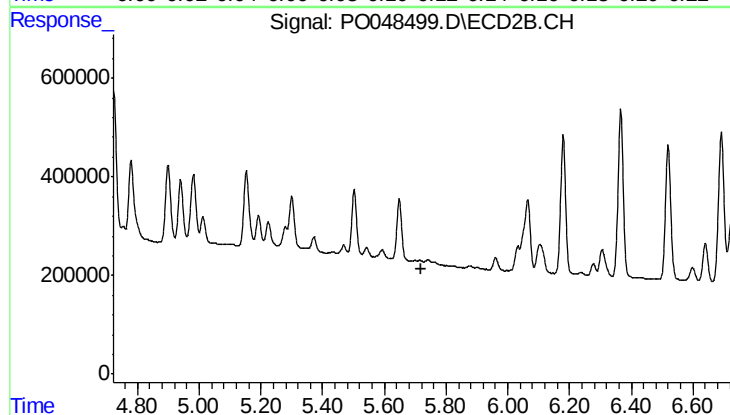
R.T.: 4.940 min
Delta R.T.: -0.005 min
Response: 1352153
Conc: 322.21 ng/ml



#19 AR-1242-4

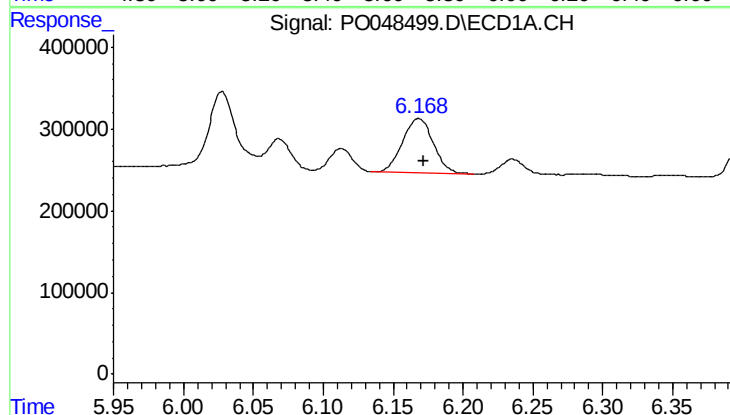
R.T.: 6.113 min
Delta R.T.: -0.003 min
Response: 303620
Conc: 235.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



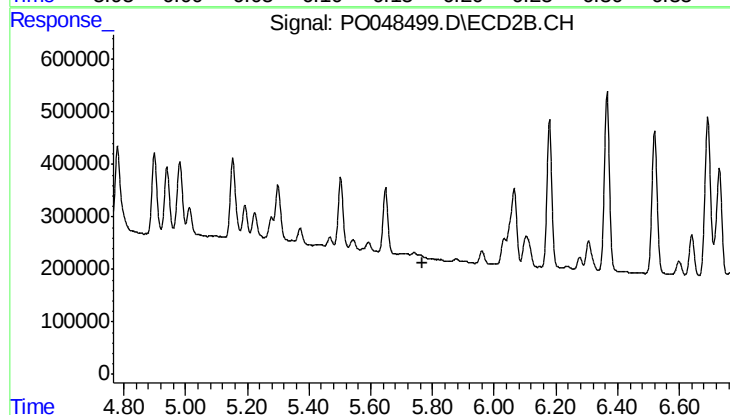
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.721 min
Response: 0
Conc: N.D.



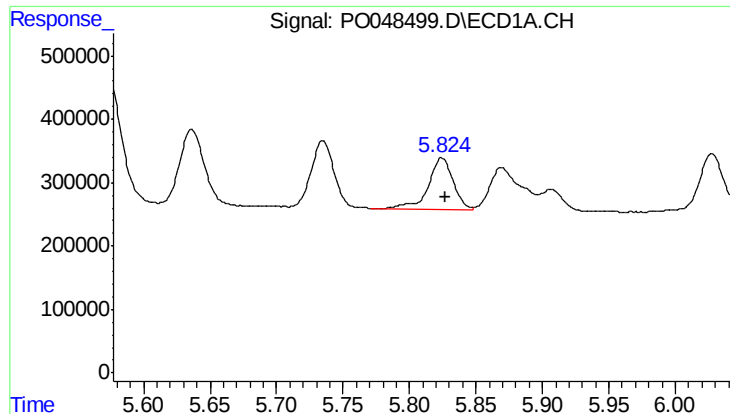
#20 AR-1242-5

R.T.: 6.168 min
Delta R.T.: -0.004 min
Response: 1022151
Conc: 228.74 ng/ml



#20 AR-1242-5

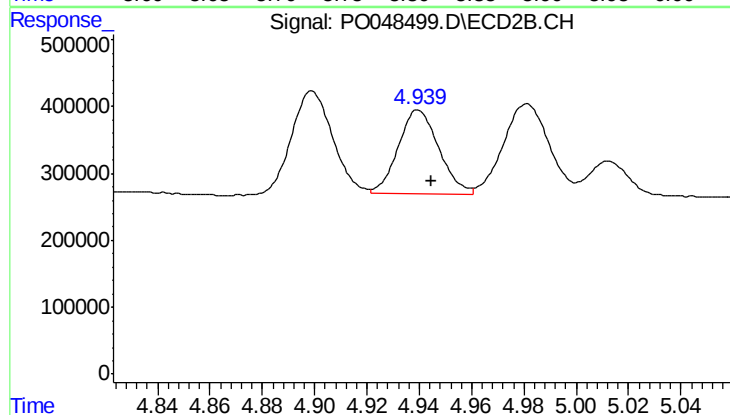
R.T.: 0.000 min
Exp R.T.: 5.766 min
Response: 0
Conc: N.D.



#21 AR-1248-1

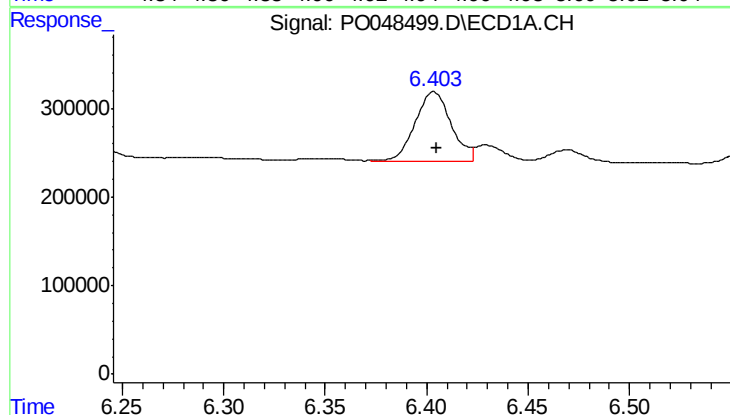
R.T.: 5.824 min
Delta R.T.: -0.003 min
Response: 1040976
Conc: 176.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



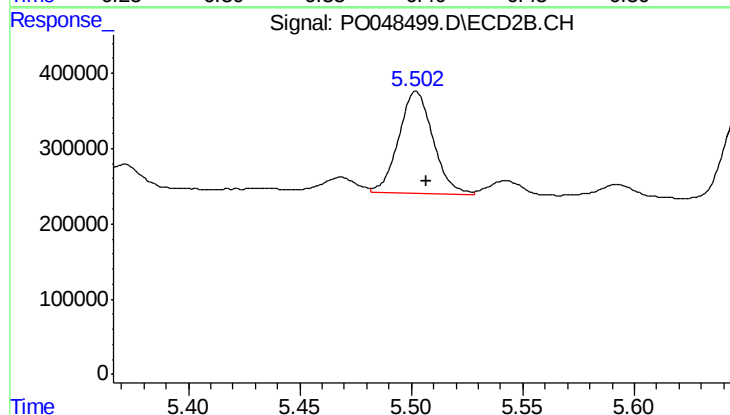
#21 AR-1248-1

R.T.: 4.940 min
Delta R.T.: -0.005 min
Response: 1352153
Conc: 178.43 ng/ml



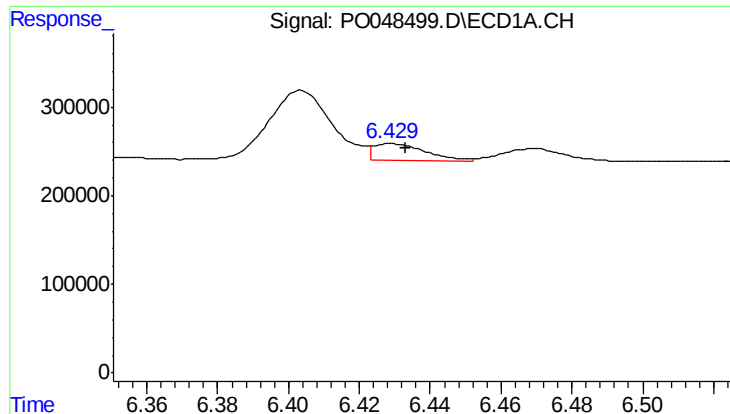
#22 AR-1248-2

R.T.: 6.404 min
Delta R.T.: -0.001 min
Response: 974495
Conc: 167.66 ng/ml



#22 AR-1248-2

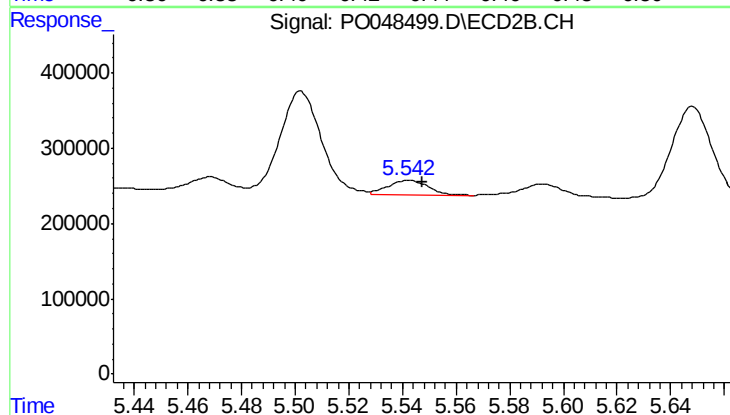
R.T.: 5.502 min
Delta R.T.: -0.005 min
Response: 1461421
Conc: 111.00 ng/ml



#23 AR-1248-3

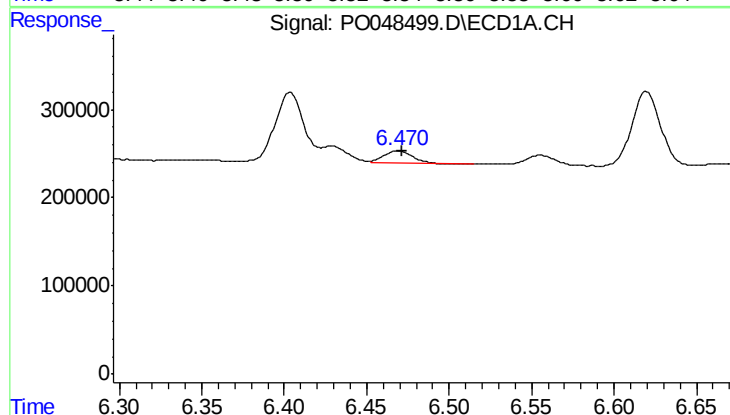
R.T.: 6.429 min
Delta R.T.: -0.004 min
Response: 193441
Conc: 25.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



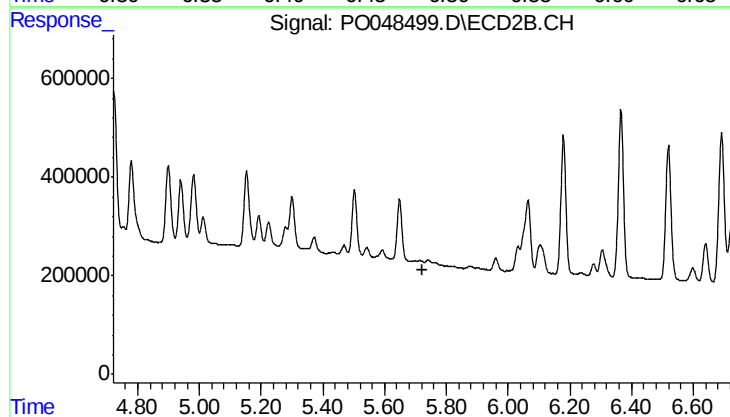
#23 AR-1248-3

R.T.: 5.542 min
Delta R.T.: -0.005 min
Response: 212902
Conc: 23.34 ng/ml



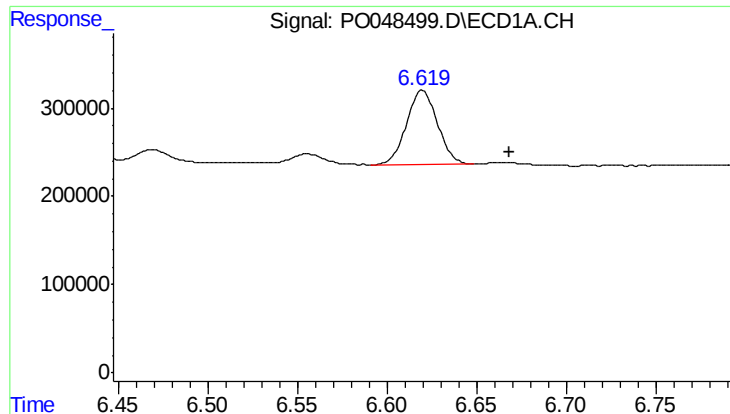
#24 AR-1248-4

R.T.: 6.470 min
Delta R.T.: -0.002 min
Response: 173713
Conc: 23.71 ng/ml



#24 AR-1248-4

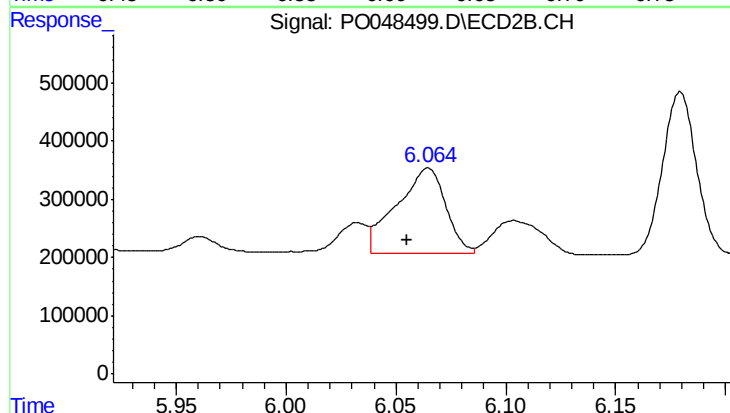
R.T.: 0.000 min
Exp R.T.: 5.721 min
Response: 0
Conc: N.D.



#25 AR-1248-5

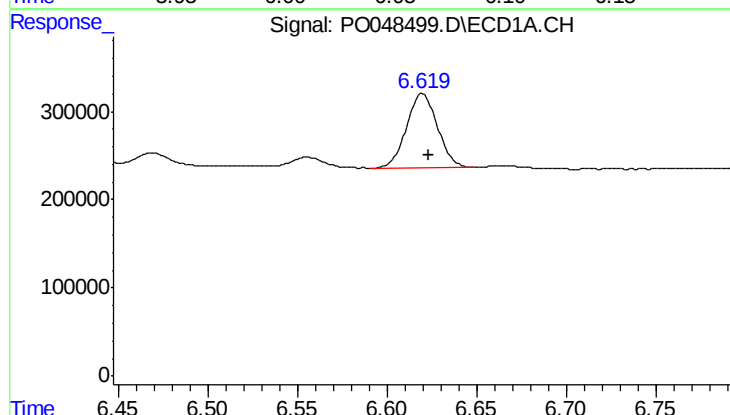
R.T.: 6.620 min
Delta R.T.: -0.049 min
Response: 1008601
Conc: 208.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



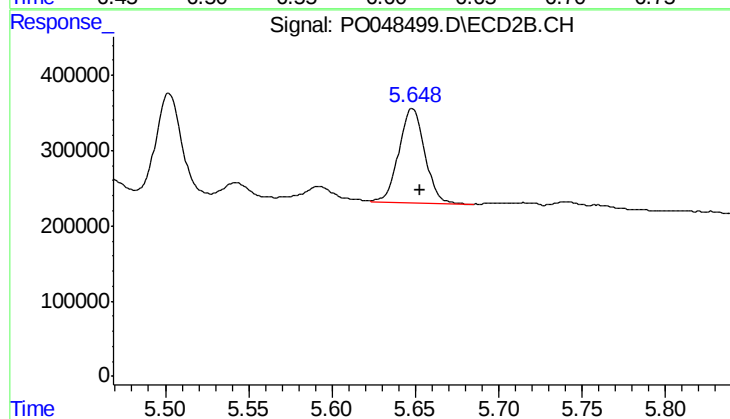
#25 AR-1248-5

R.T.: 6.065 min
Delta R.T.: 0.009 min
Response: 2283924
Conc: 381.03 ng/ml



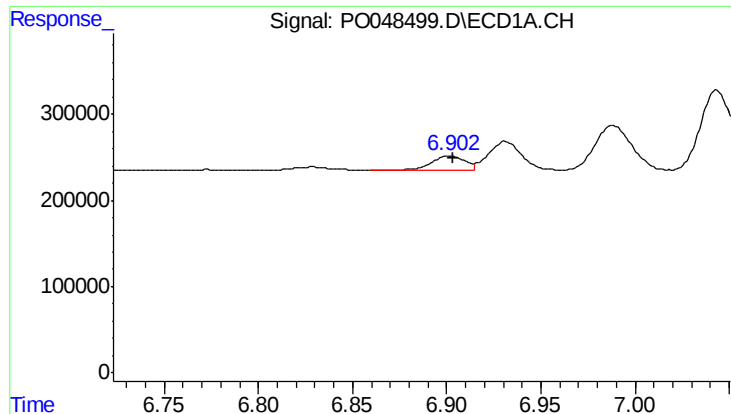
#26 AR-1254-1

R.T.: 6.620 min
Delta R.T.: -0.004 min
Response: 1008601
Conc: 74.30 ng/ml



#26 AR-1254-1

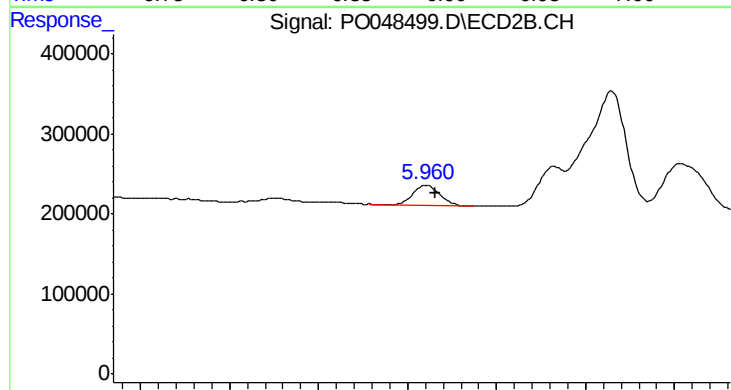
R.T.: 5.648 min
Delta R.T.: -0.004 min
Response: 1347113
Conc: 93.63 ng/ml



#27 AR-1254-2

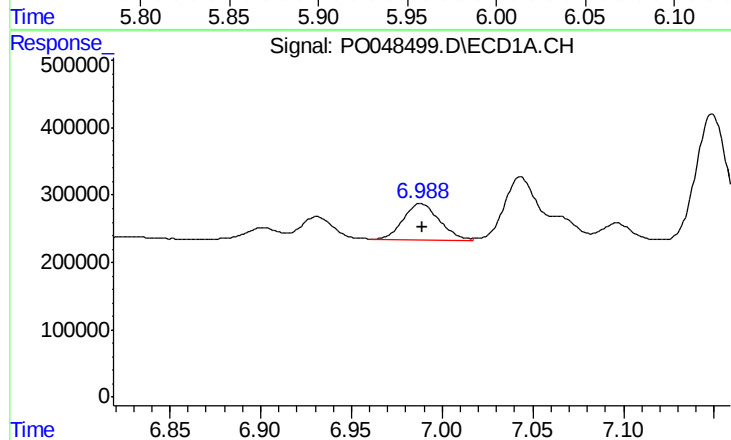
R.T.: 6.902 min
Delta R.T.: -0.002 min
Response: 214583
Conc: 26.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



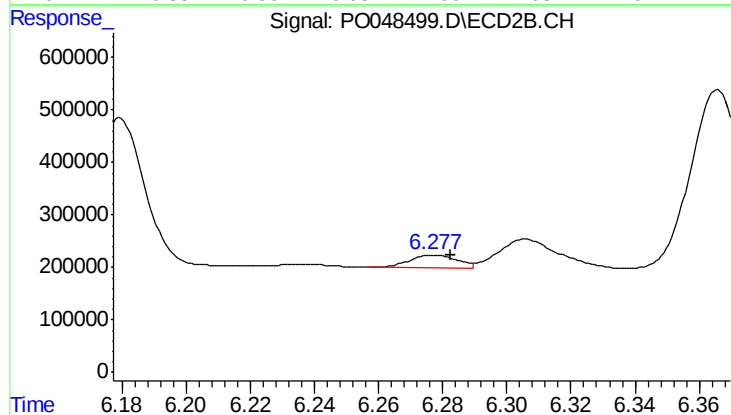
#27 AR-1254-2

R.T.: 5.961 min
Delta R.T.: -0.005 min
Response: 272594
Conc: 23.54 ng/ml



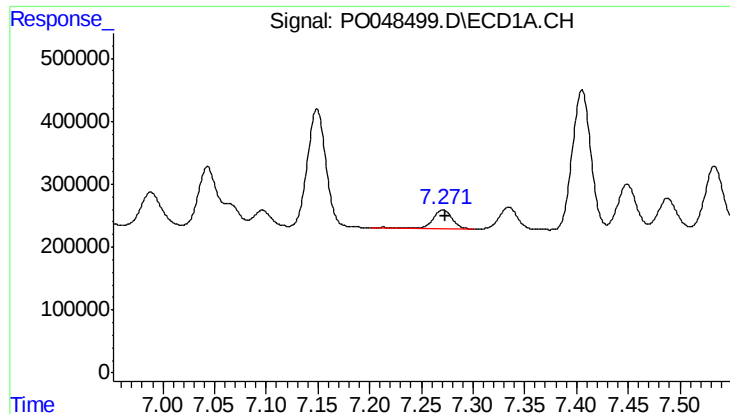
#28 AR-1254-3

R.T.: 6.988 min
Delta R.T.: -0.001 min
Response: 751930
Conc: 52.41 ng/ml



#28 AR-1254-3

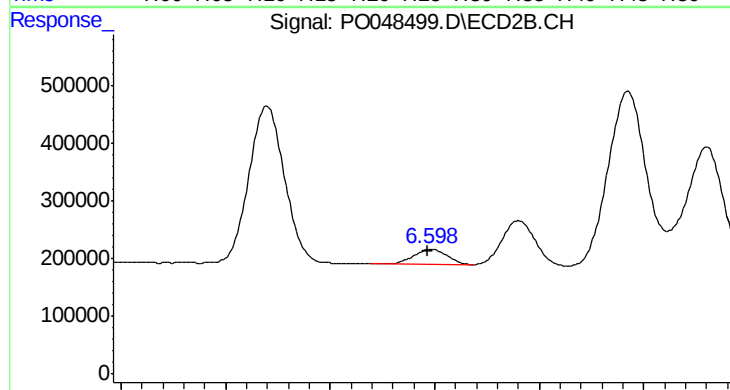
R.T.: 6.277 min
Delta R.T.: -0.005 min
Response: 248326
Conc: 16.95 ng/ml



#29 AR-1254-4

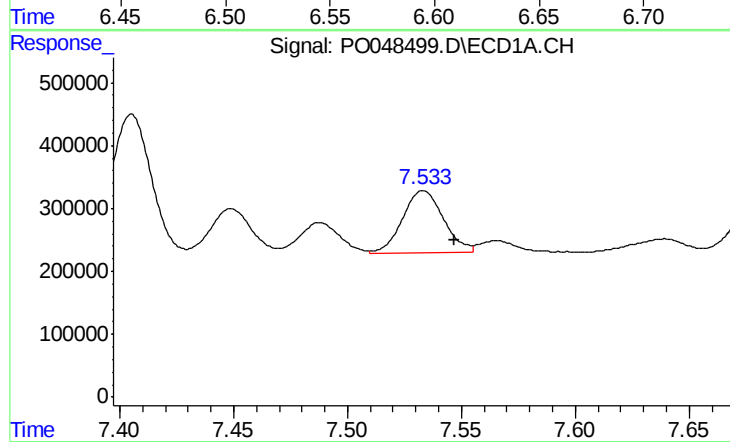
R.T.: 7.271 min
Delta R.T.: -0.002 min
Response: 378550
Conc: 34.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



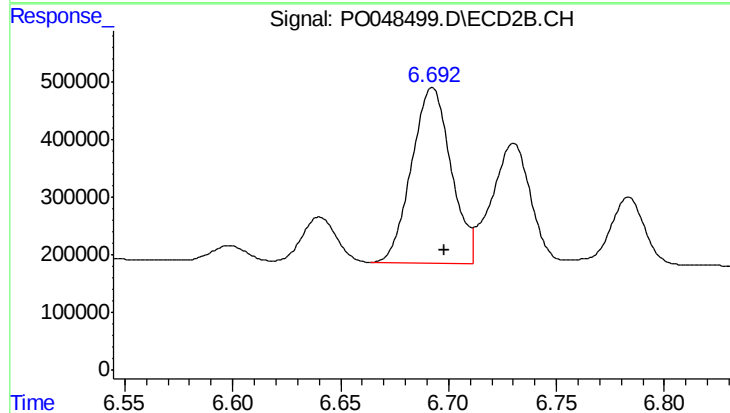
#29 AR-1254-4

R.T.: 6.598 min
Delta R.T.: 0.002 min
Response: 305386
Conc: 31.03 ng/ml



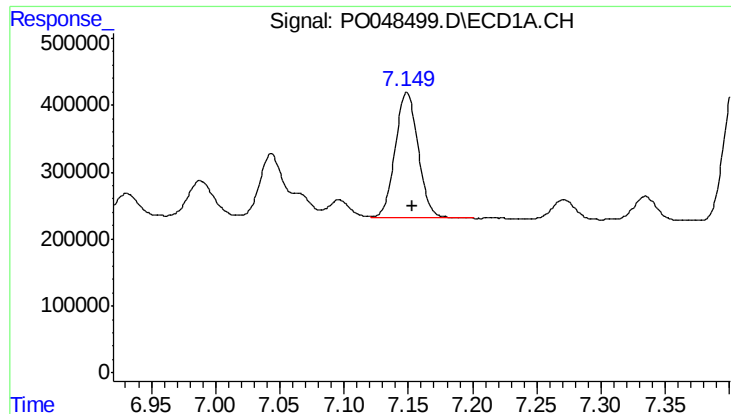
#30 AR-1254-5

R.T.: 7.533 min
Delta R.T.: -0.014 min
Response: 1219718
Conc: 149.66 ng/ml



#30 AR-1254-5

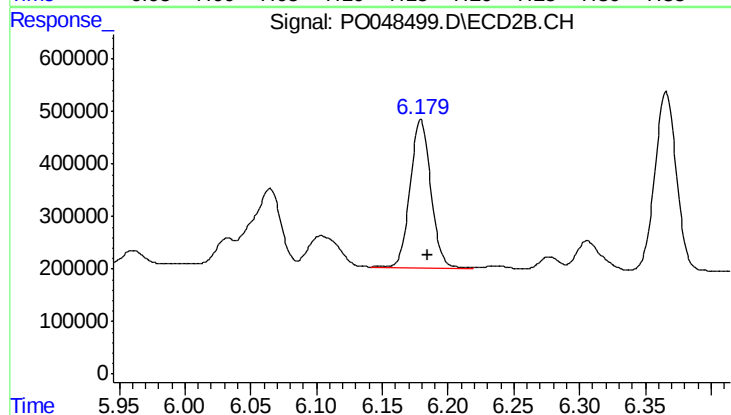
R.T.: 6.692 min
Delta R.T.: -0.006 min
Response: 3877444
Conc: 198.97 ng/ml



#31 AR-1260-1

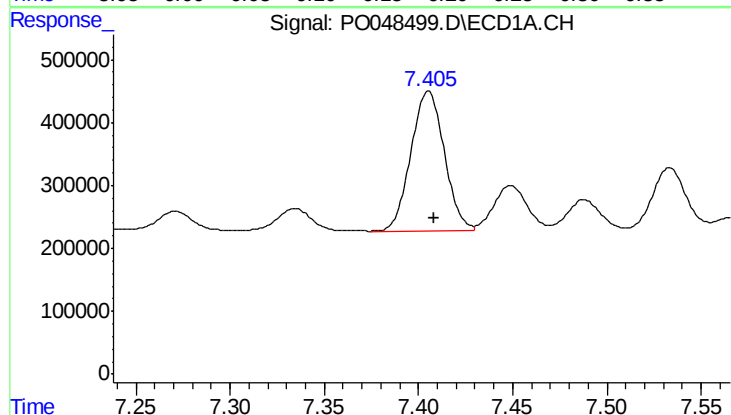
R.T.: 7.149 min
Delta R.T.: -0.004 min
Response: 2331297
Conc: 234.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



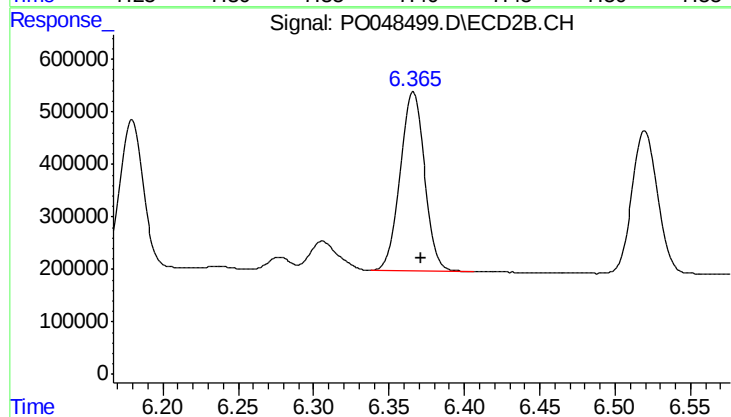
#31 AR-1260-1

R.T.: 6.179 min
Delta R.T.: -0.005 min
Response: 3081635
Conc: 222.52 ng/ml



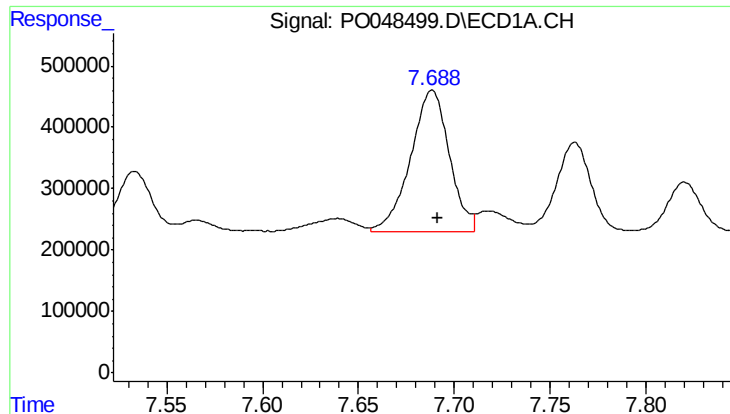
#32 AR-1260-2

R.T.: 7.405 min
Delta R.T.: -0.003 min
Response: 2745985
Conc: 229.23 ng/ml



#32 AR-1260-2

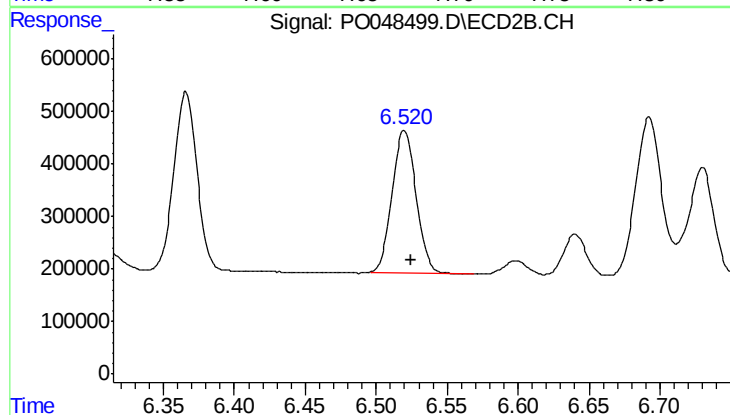
R.T.: 6.366 min
Delta R.T.: -0.005 min
Response: 3869646
Conc: 220.58 ng/ml



#33 AR-1260-3

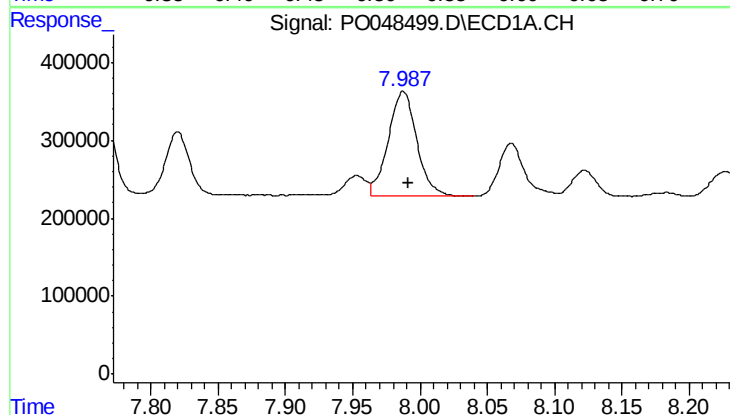
R.T.: 7.688 min
Delta R.T.: -0.003 min
Response: 3229165
Conc: 235.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



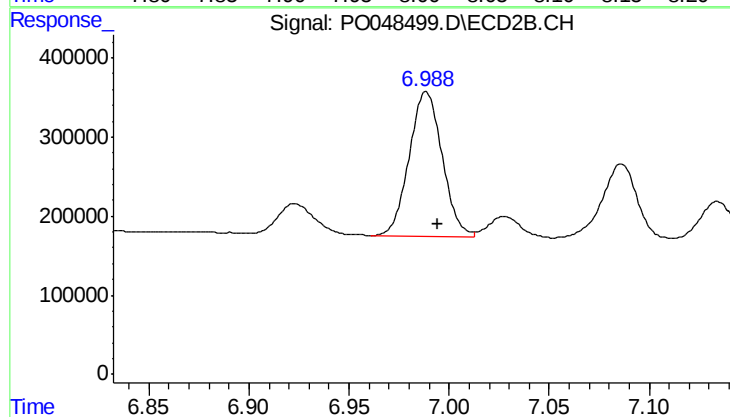
#33 AR-1260-3

R.T.: 6.520 min
Delta R.T.: -0.005 min
Response: 3195576
Conc: 208.41 ng/ml



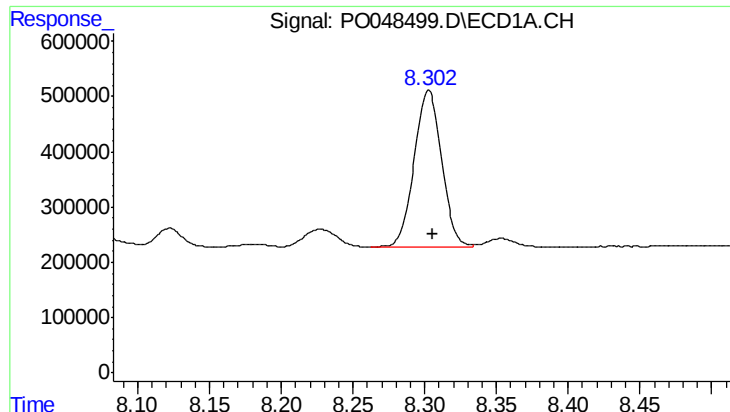
#34 AR-1260-4

R.T.: 7.988 min
Delta R.T.: -0.004 min
Response: 1970658
Conc: 199.04 ng/ml



#34 AR-1260-4

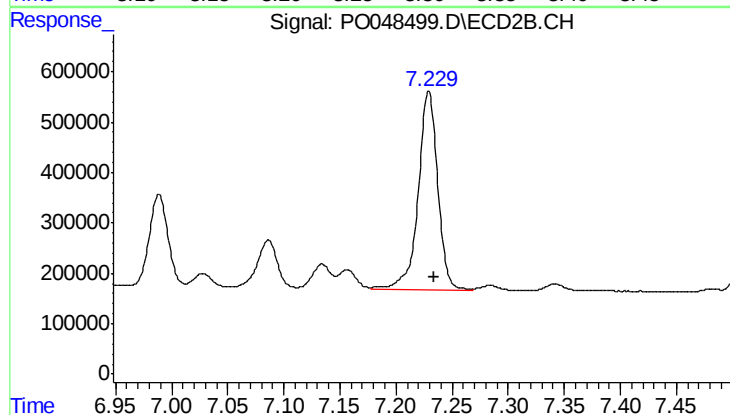
R.T.: 6.989 min
Delta R.T.: -0.005 min
Response: 2092258
Conc: 179.75 ng/ml



#35 AR-1260-5

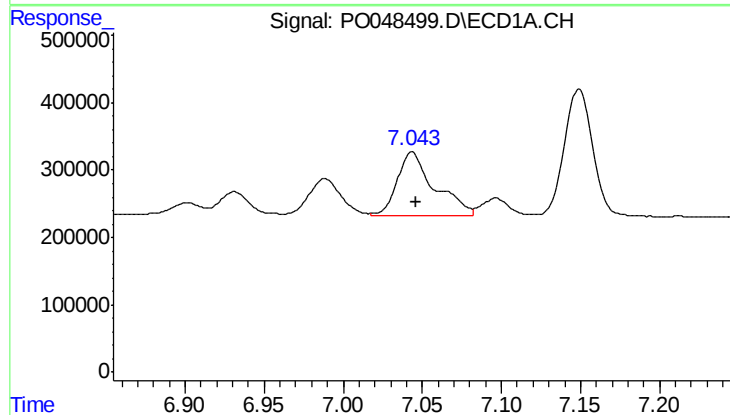
R.T.: 8.303 min
Delta R.T.: -0.003 min
Response: 3769828
Conc: 197.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



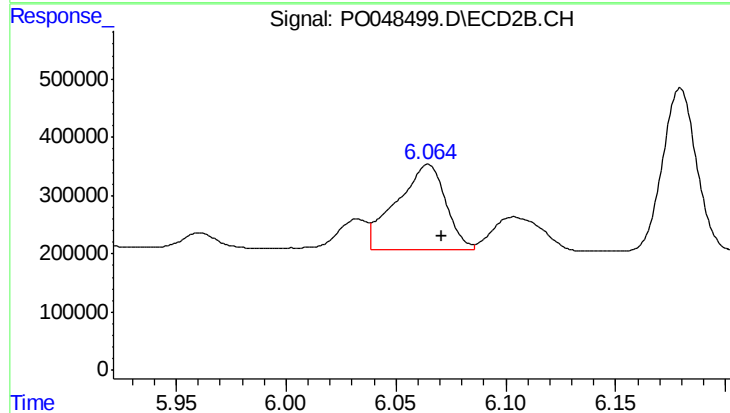
#35 AR-1260-5

R.T.: 7.229 min
Delta R.T.: -0.005 min
Response: 4757648
Conc: 175.70 ng/ml



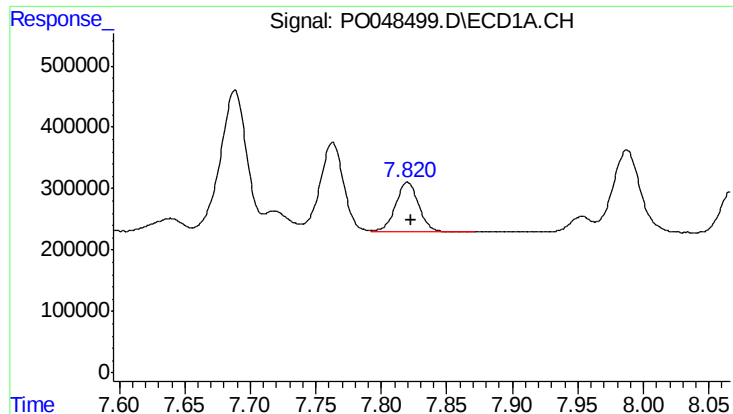
#36 AR-1262-1

R.T.: 7.043 min
Delta R.T.: -0.003 min
Response: 1537439
Conc: 196.86 ng/ml



#36 AR-1262-1

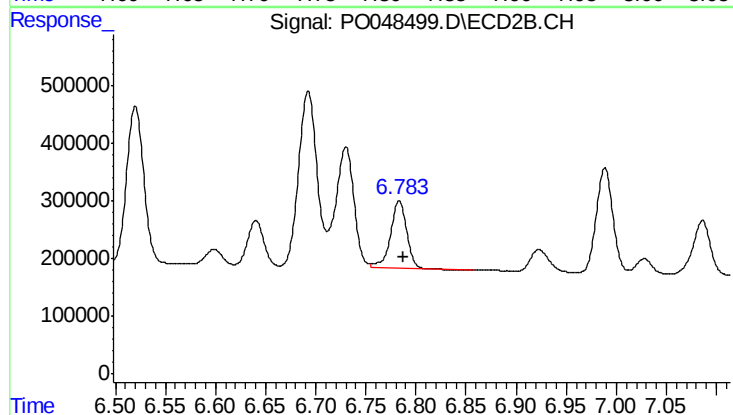
R.T.: 6.065 min
Delta R.T.: -0.006 min
Response: 2283924
Conc: 214.86 ng/ml



#37 AR-1262-2

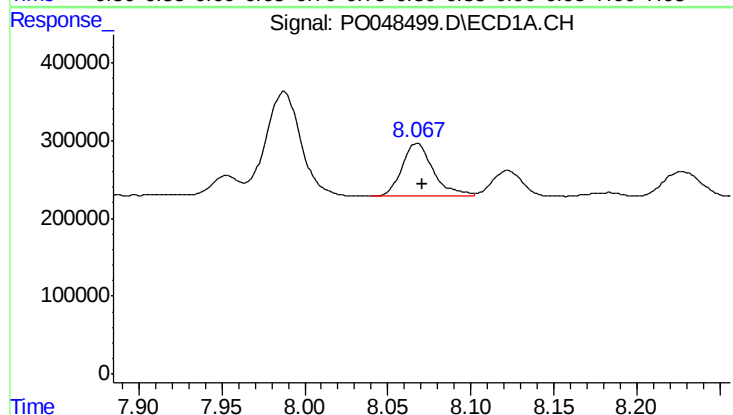
R.T.: 7.820 min
Delta R.T.: -0.003 min
Response: 996722
Conc: 154.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



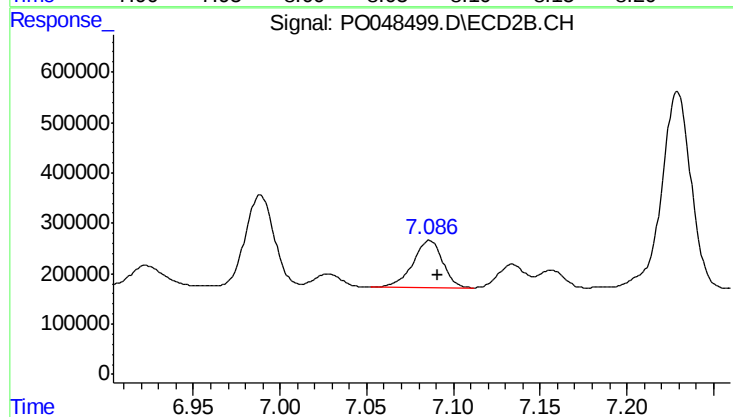
#37 AR-1262-2

R.T.: 6.783 min
Delta R.T.: -0.005 min
Response: 1345286
Conc: 140.73 ng/ml



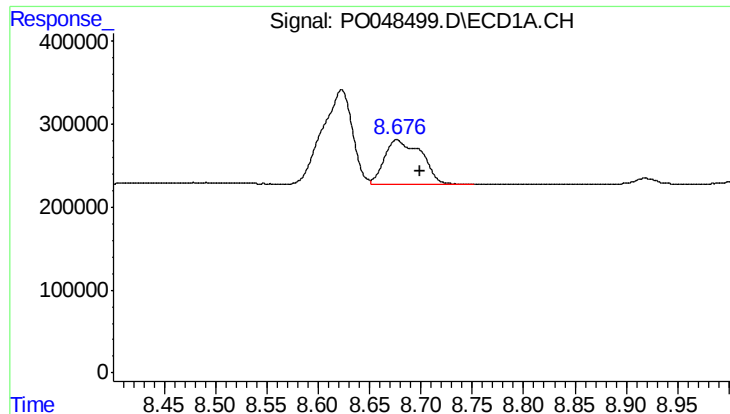
#38 AR-1262-3

R.T.: 8.068 min
Delta R.T.: -0.004 min
Response: 904261
Conc: 130.96 ng/ml



#38 AR-1262-3

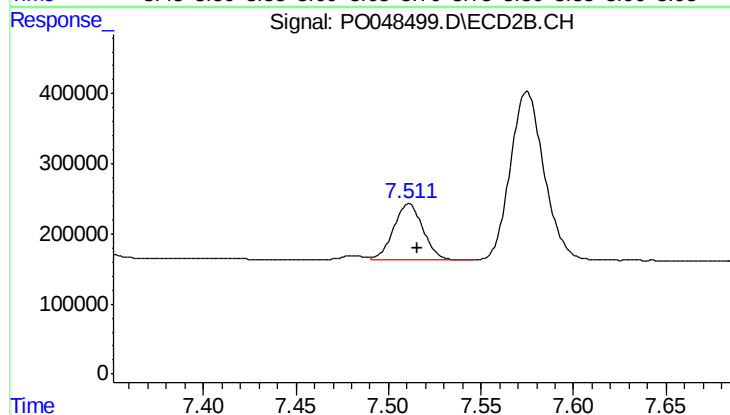
R.T.: 7.086 min
Delta R.T.: -0.005 min
Response: 1140942
Conc: 120.84 ng/ml



#39 AR-1262-4

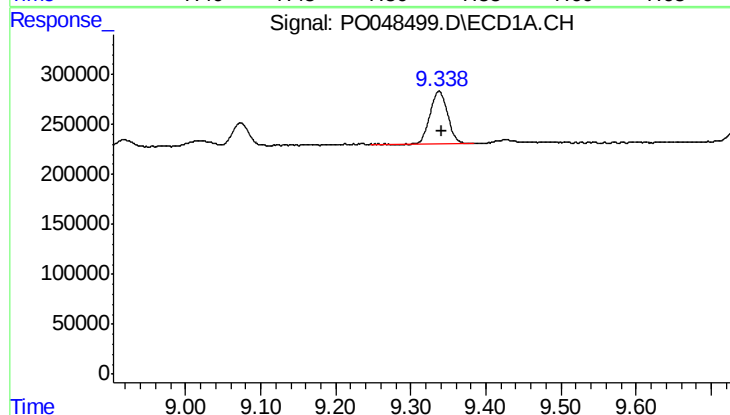
R.T.: 8.676 min
Delta R.T.: -0.022 min
Response: 1343825
Conc: 98.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



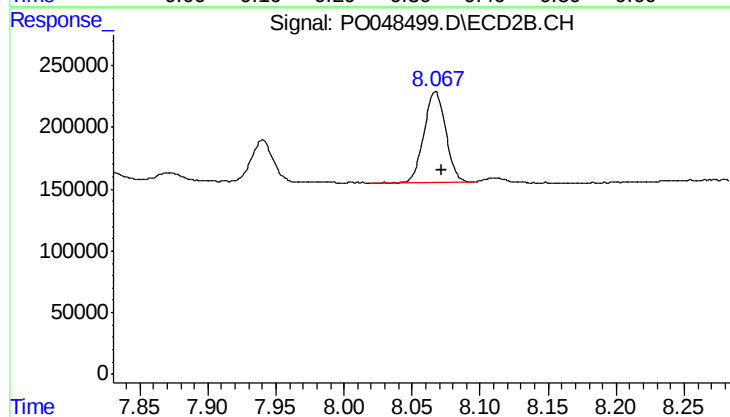
#39 AR-1262-4

R.T.: 7.511 min
Delta R.T.: -0.005 min
Response: 886821
Conc: 65.90 ng/ml



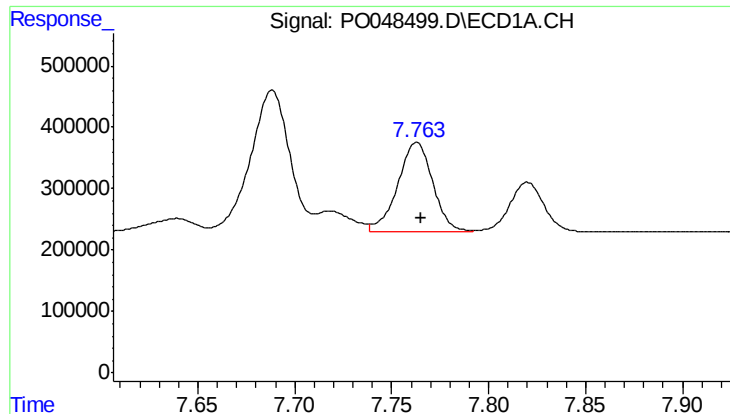
#40 AR-1262-5

R.T.: 9.338 min
Delta R.T.: -0.004 min
Response: 841213
Conc: 90.98 ng/ml



#40 AR-1262-5

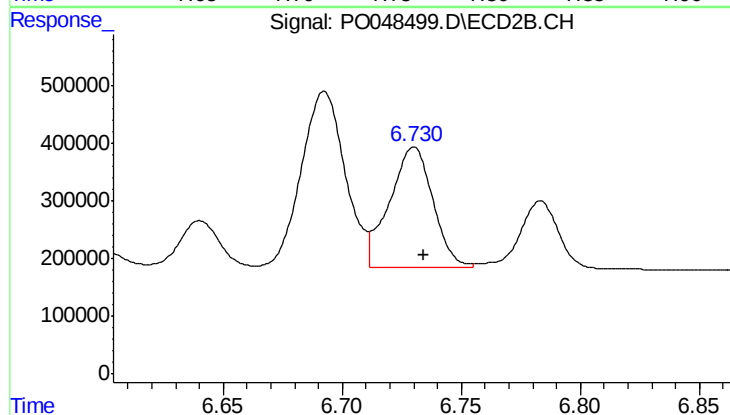
R.T.: 8.067 min
Delta R.T.: -0.004 min
Response: 816152
Conc: 79.24 ng/ml



#41 AR-1268-1

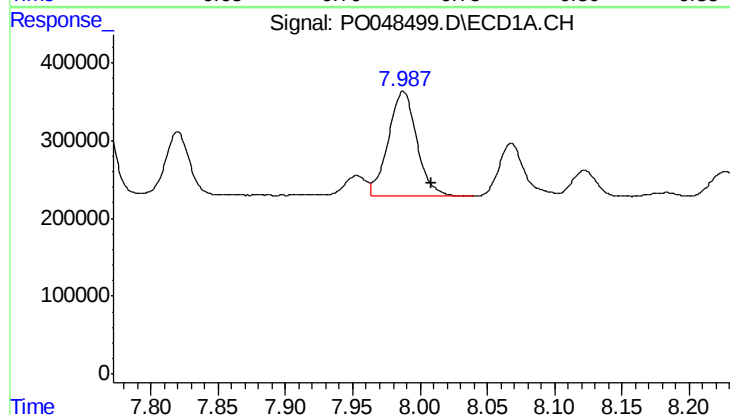
R.T.: 7.763 min
Delta R.T.: -0.002 min
Response: 1827984
Conc: 344.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



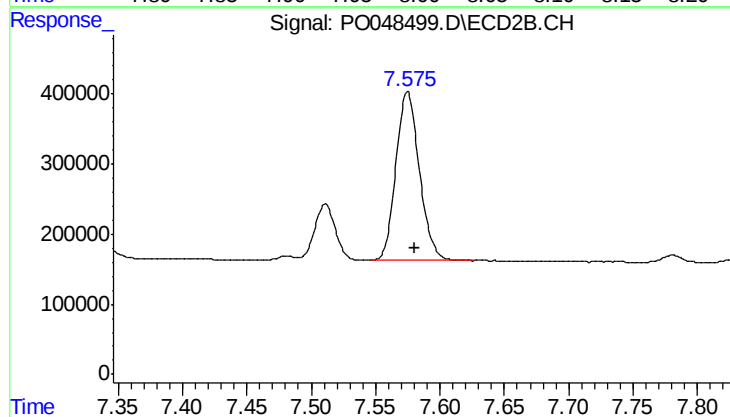
#41 AR-1268-1

R.T.: 6.730 min
Delta R.T.: -0.004 min
Response: 2650503
Conc: 342.66 ng/ml



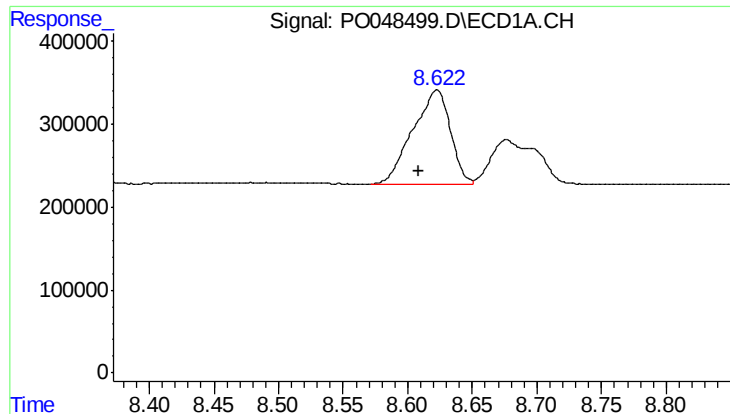
#42 AR-1268-2

R.T.: 7.988 min
Delta R.T.: -0.021 min
Response: 1970658
Conc: 288.59 ng/ml



#42 AR-1268-2

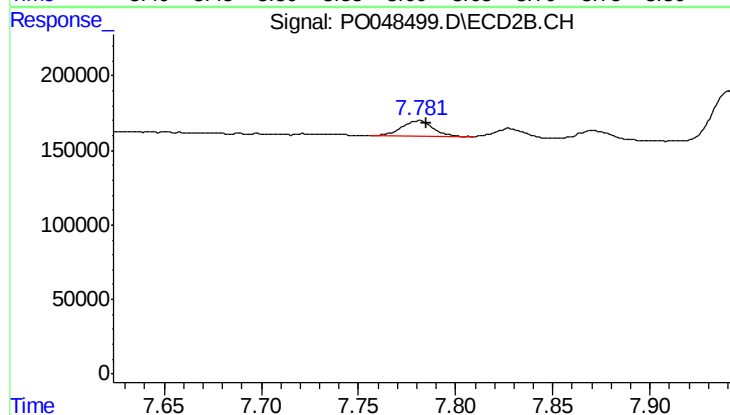
R.T.: 7.575 min
Delta R.T.: -0.005 min
Response: 3053062
Conc: 101.15 ng/ml



#43 AR-1268-3

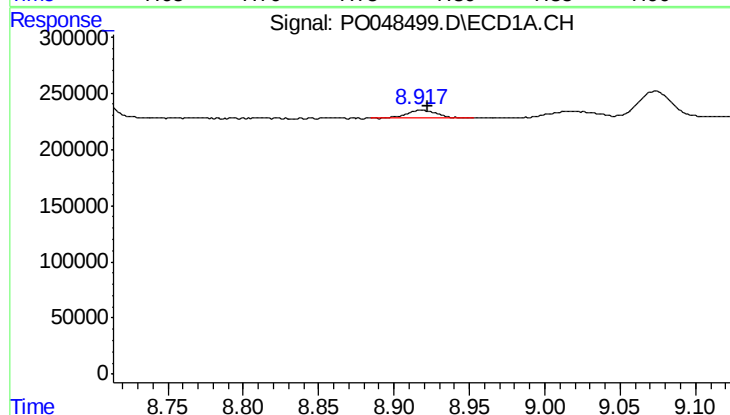
R.T.: 8.623 min
Delta R.T.: 0.014 min
Response: 2298779
Conc: 89.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



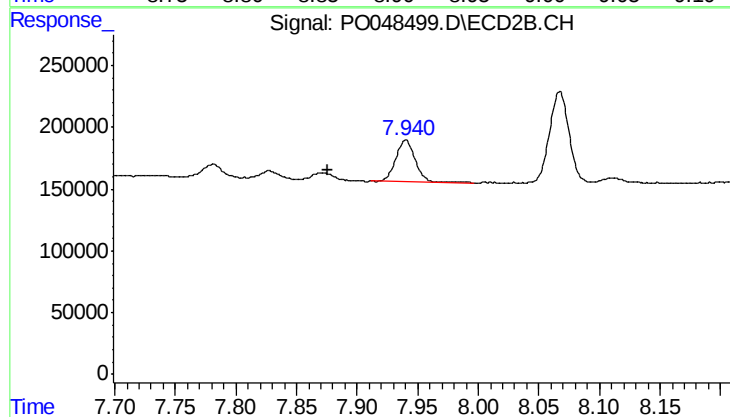
#43 AR-1268-3

R.T.: 7.781 min
Delta R.T.: -0.004 min
Response: 119848
Conc: 4.83 ng/ml



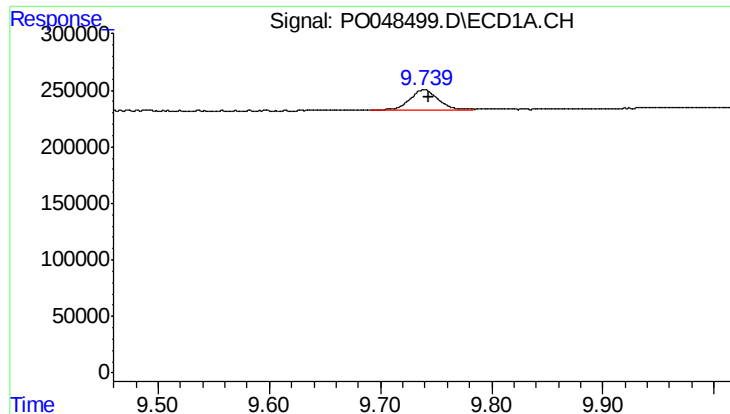
#44 AR-1268-4

R.T.: 8.918 min
Delta R.T.: -0.004 min
Response: 102073
Conc: 4.96 ng/ml



#44 AR-1268-4

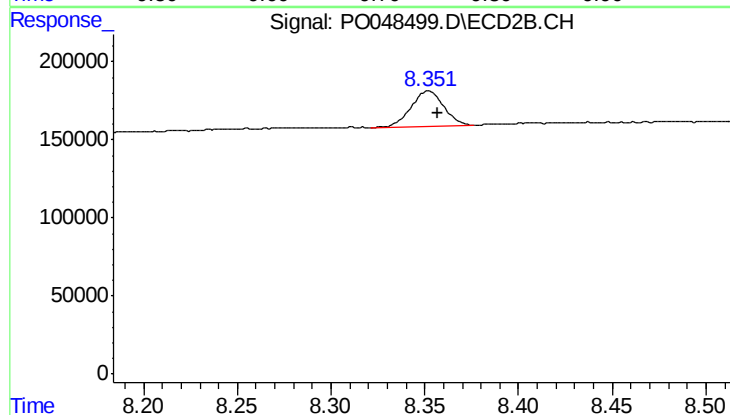
R.T.: 7.940 min
Delta R.T.: 0.064 min
Response: 380663
Conc: 58.19 ng/ml



#45 AR-1268-5

R.T.: 9.740 min
Delta R.T.: -0.004 min
Response: 307875
Conc: 5.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.352 min
Delta R.T.: -0.005 min
Response: 271972
Conc: 4.37 ng/ml