

Data Path : Z:\bestpcbsrv\HPCHEM1\ECD 0\Data\P0083018\
 Data File : P0048649.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Aug 2018 20:20
 Operator : SM/SJ
 Sample : J4701-17 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 02:23:48 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...	4.386	3.635	174178	165586	0.919	0.612 #
2) SA Decachlor...	0.000	8.595	0	136519	N.D.	0.815 #
Target Compounds						
3) L1 AR-1016-1	5.125	0.000	349383	0	73.261	N.D. #
4) L1 AR-1016-2	5.268	4.727	256096	162659	54.615	18.517 #
5) L1 AR-1016-3	0.000	4.727	0	162659	N.D.	12.707 #
6) L1 AR-1016-4	5.637	4.788	98794	134215	16.251	16.365
7) L1 AR-1016-5	6.090	5.099	377467	161666	75.585	21.872 #
8) L2 AR-1221-1	4.601	0.000	63057	0	29.993	N.D. #
10) L2 AR-1221-3	4.783	4.057	75890	276991	15.297	44.422 #
11) L3 AR-1232-1	5.637	4.515	98794	512906	21.987	175.744 #
12) L3 AR-1232-2	0.000	4.727	0	162659	N.D.	27.164 #
13) L3 AR-1232-3	5.834	4.972	452607	439302	269.172	167.148 #
14) L3 AR-1232-4	6.422	5.311	266768	147292	164.700	53.093 #
15) L3 AR-1232-5	6.488	5.547	184523	201991	78.423	65.620
16) L4 AR-1242-1	5.125	4.386	349383	225107	145.843	64.371 #
17) L4 AR-1242-2	5.868	4.871	66939	91381	18.469	16.706
18) L4 AR-1242-3	6.090	4.972	377467	439302	218.750	104.682 #
19) L4 AR-1242-4	6.090	5.660	377467	193375	292.577	43.870 #
20) L4 AR-1242-5	0.000	5.812	0	107899	N.D.	29.351 #
21) L5 AR-1248-1	5.834	4.972	452607	439302	76.671	57.970
22) L5 AR-1248-2	6.422	5.513	266768	258221	45.898	19.613 #
23) L5 AR-1248-3	6.422	5.547	266768	201991	34.568	22.140 #
24) L5 AR-1248-4	6.488	5.660	184523	193375	25.190	24.500
25) L5 AR-1248-5	6.626	6.070	184880	377865	38.213	63.040 #
26) L6 AR-1254-1	6.626	5.660	184880	193375	13.619	13.440
27) L6 AR-1254-2	6.930	5.969	107700	344057	13.049	29.707 #
28) L6 AR-1254-3	6.992	6.270	95022	119909	6.623	8.186
29) L6 AR-1254-4	7.253	6.644	147287	200081	13.402	20.331 #
30) L6 AR-1254-5	7.534	6.694	293464	445689	36.009	22.871 #
31) L7 AR-1260-1	7.151	6.184	497152	380795	49.908	27.497 #
32) L7 AR-1260-2	7.406	6.370	445539	394658	37.193	22.496 #
33) L7 AR-1260-3	7.687	6.522	681400	325701	49.649	21.242 #
34) L7 AR-1260-4	7.987	6.989	310143	263950	31.326	22.676 #
35) L7 AR-1260-5	8.300	7.229	689929	704255	36.141	26.008 #
36) L8 AR-1262-1	7.044	6.070	216593	377865	27.733	35.548 #
37) L8 AR-1262-2	7.820	6.787	212705	242866	33.034	25.406
38) L8 AR-1262-3	8.067	7.086	198444	194530	28.741	20.603 #
39) L8 AR-1262-4	8.689	7.509	147540	130475	10.802	9.696

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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	9.335	8.065	590605	259689	63.875	25.213 #
41) L9	AR-1268-1	7.762	6.731	399490	314184	75.289	40.618 #
42) L9	AR-1268-2	7.987	7.573	310143	482251	45.418	15.977 #
43) L9	AR-1268-3	8.620	0.000	776907	0	30.114	N.D. #
44) L9	AR-1268-4	0.000	7.936	0	106420	N.D.	16.267 #
45) L9	AR-1268-5	9.738	8.349	127795	39461	2.106	0.634 #

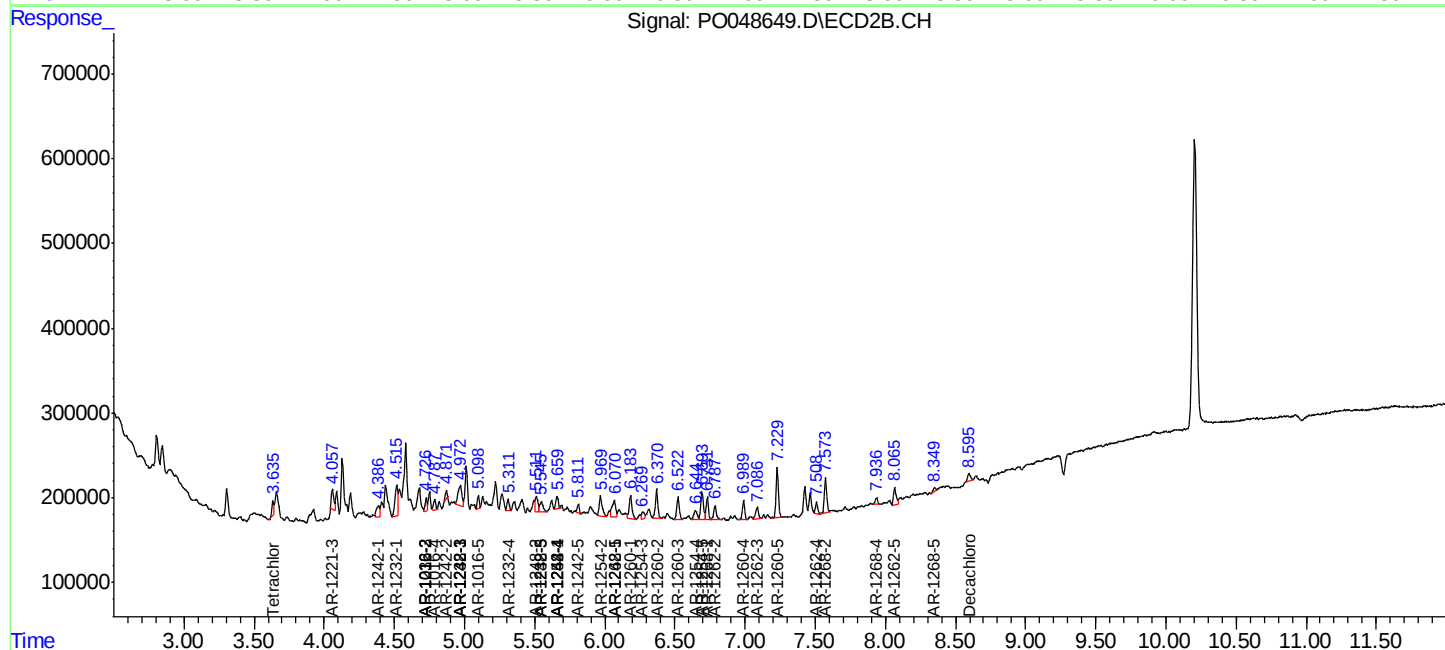
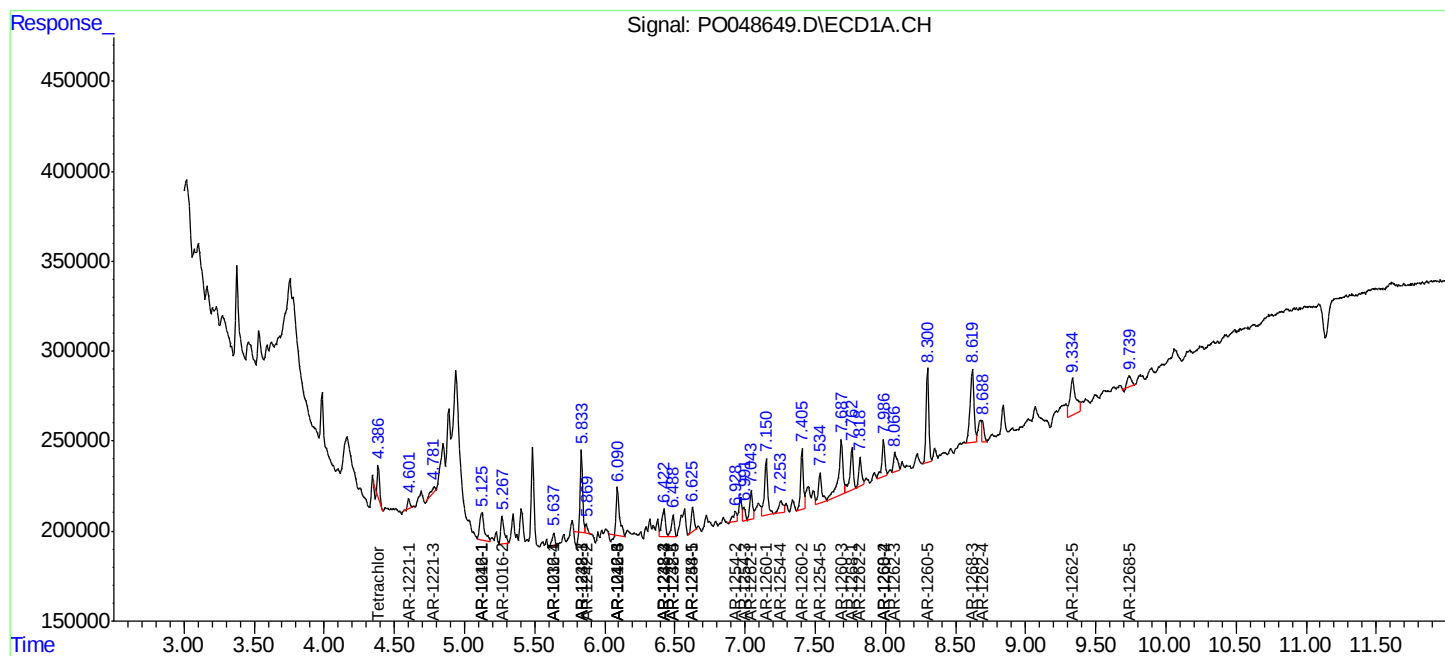
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

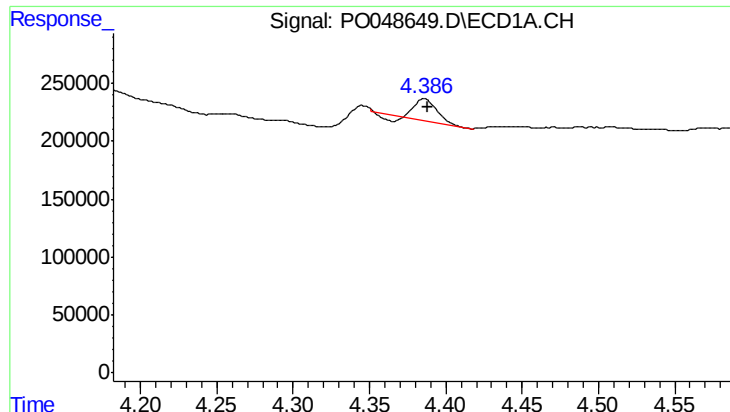
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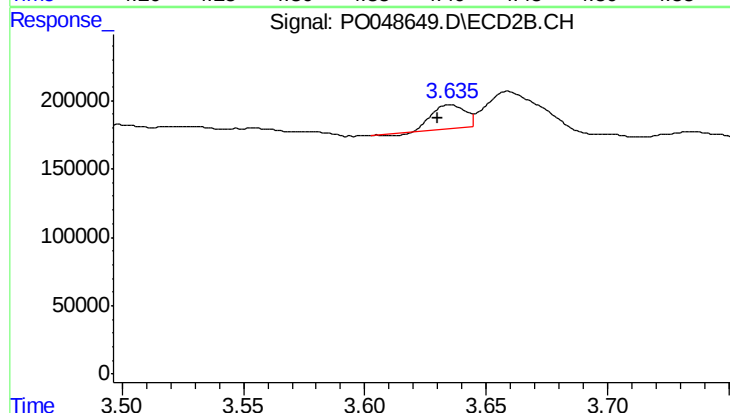




#1 Tetrachloro-m-xylene

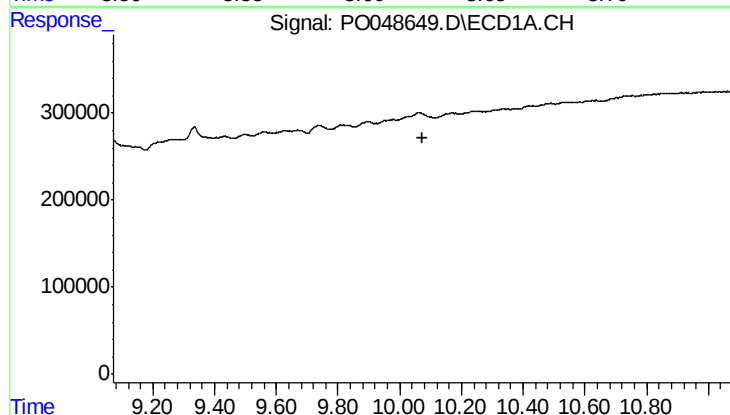
R.T.: 4.386 min
Delta R.T.: -0.002 min
Response: 174178
Conc: 0.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



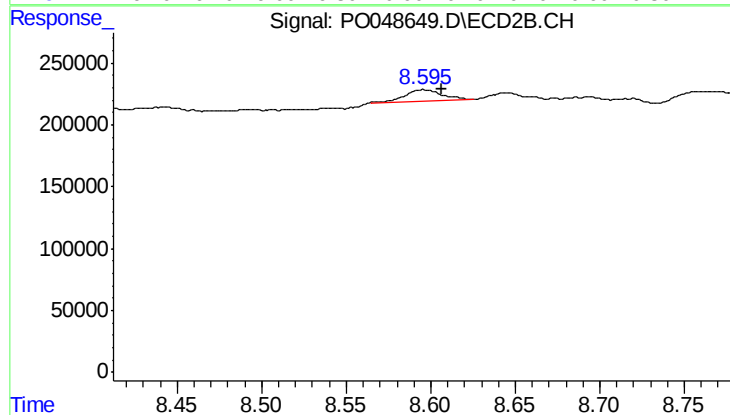
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: 0.005 min
Response: 165586
Conc: 0.61 ng/ml



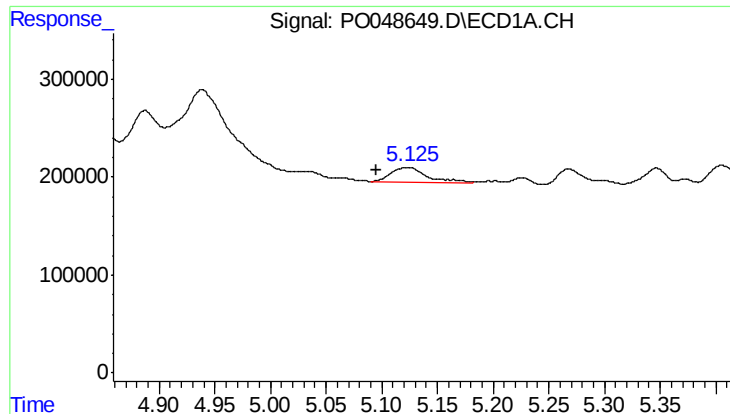
#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 10.072 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

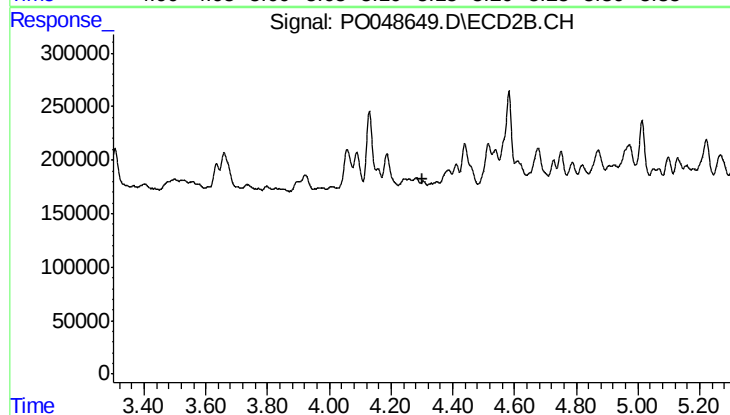
R.T.: 8.595 min
Delta R.T.: -0.011 min
Response: 136519
Conc: 0.82 ng/ml



#3 AR-1016-1

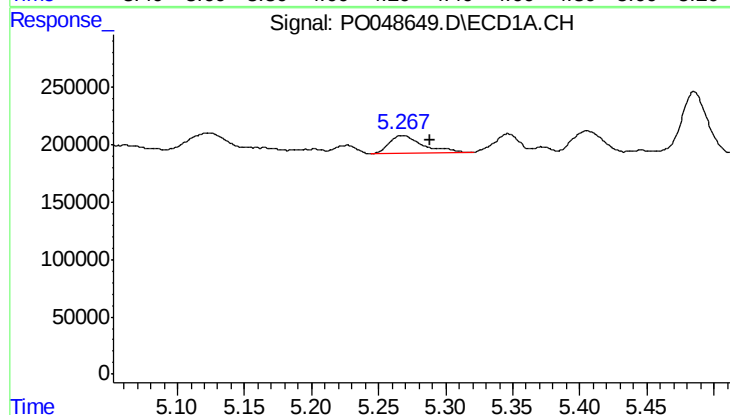
R.T.: 5.125 min
Delta R.T.: 0.030 min
Response: 349383
Conc: 73.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



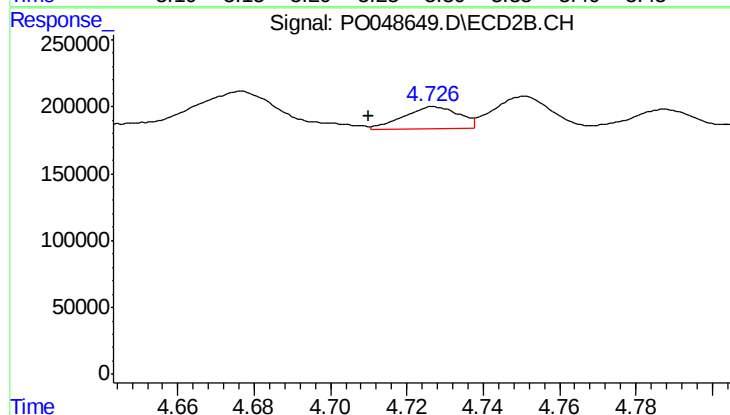
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T.: 4.300 min
Response: 0
Conc: N.D.



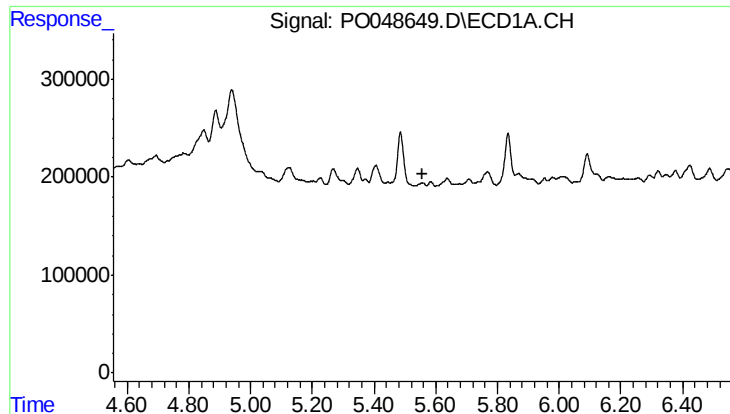
#4 AR-1016-2

R.T.: 5.268 min
Delta R.T.: -0.021 min
Response: 256096
Conc: 54.61 ng/ml



#4 AR-1016-2

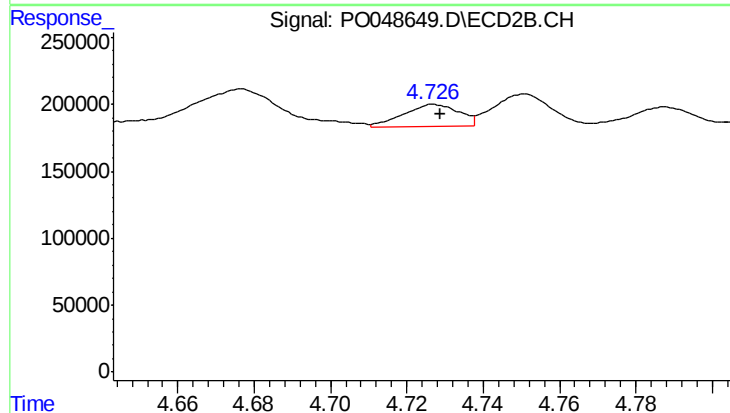
R.T.: 4.727 min
Delta R.T.: 0.017 min
Response: 162659
Conc: 18.52 ng/ml



#5 AR-1016-3

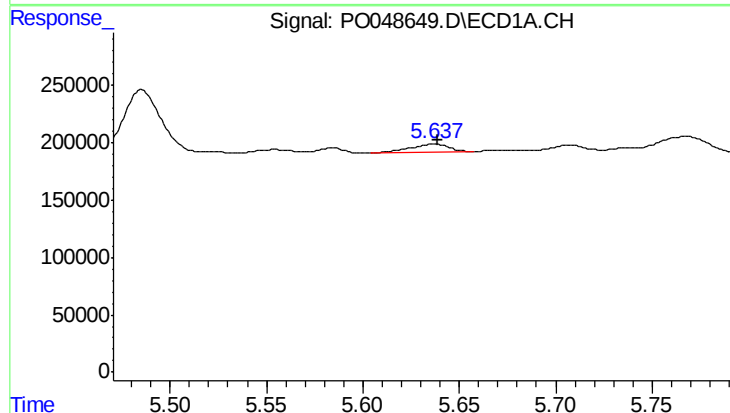
R.T.: 0.000 min
Exp R.T.: 5.556 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



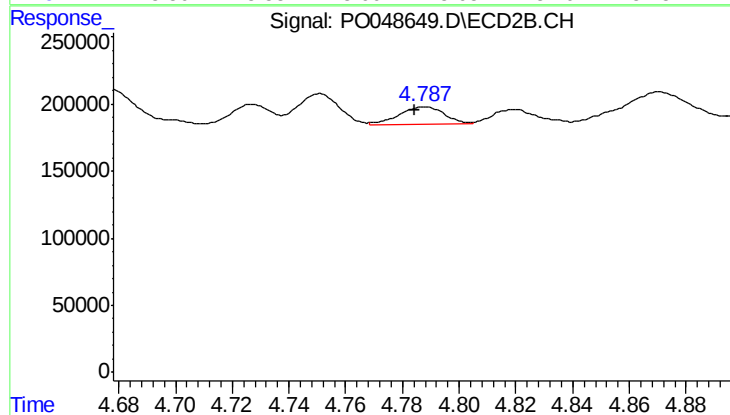
#5 AR-1016-3

R.T.: 4.727 min
Delta R.T.: -0.002 min
Response: 162659
Conc: 12.71 ng/ml



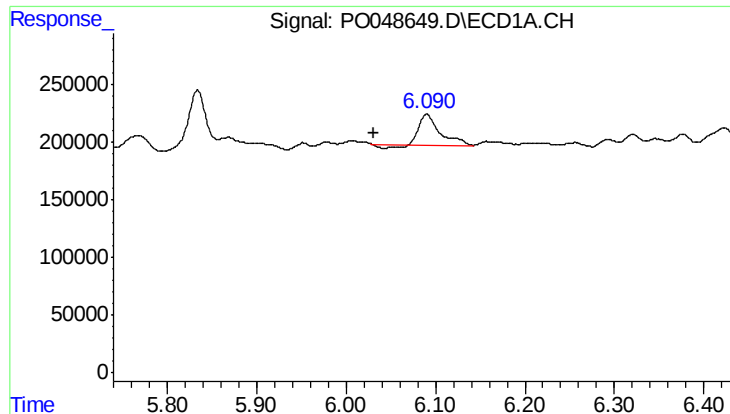
#6 AR-1016-4

R.T.: 5.637 min
Delta R.T.: -0.002 min
Response: 98794
Conc: 16.25 ng/ml



#6 AR-1016-4

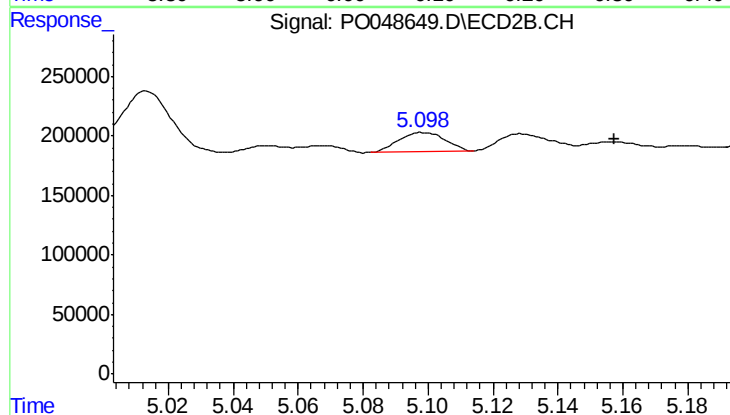
R.T.: 4.788 min
Delta R.T.: 0.004 min
Response: 134215
Conc: 16.37 ng/ml



#7 AR-1016-5

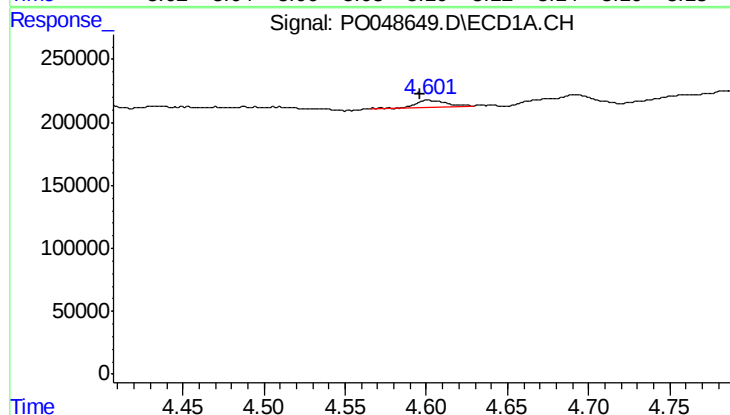
R.T.: 6.090 min
Delta R.T.: 0.059 min
Response: 377467
Conc: 75.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



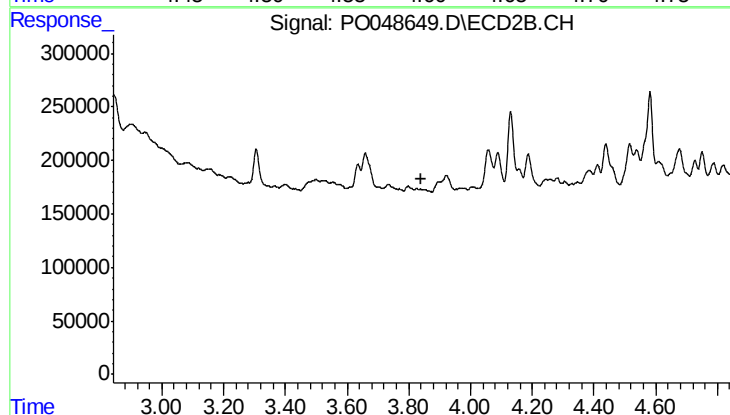
#7 AR-1016-5

R.T.: 5.099 min
Delta R.T.: -0.059 min
Response: 161666
Conc: 21.87 ng/ml



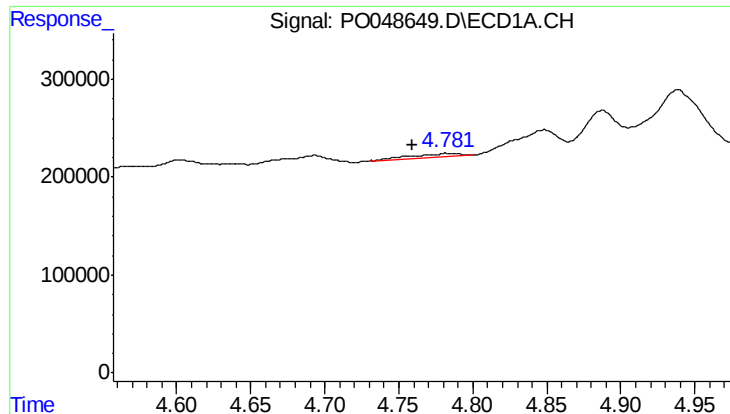
#8 AR-1221-1

R.T.: 4.601 min
Delta R.T.: 0.005 min
Response: 63057
Conc: 29.99 ng/ml



#8 AR-1221-1

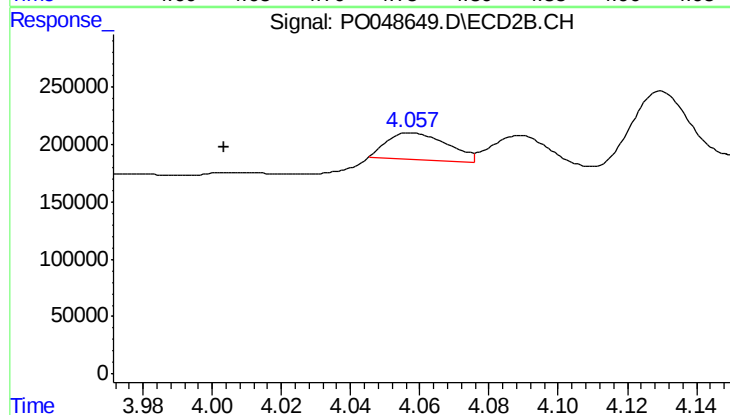
R.T.: 0.000 min
Exp R.T.: 3.843 min
Response: 0
Conc: N.D.



#10 AR-1221-3

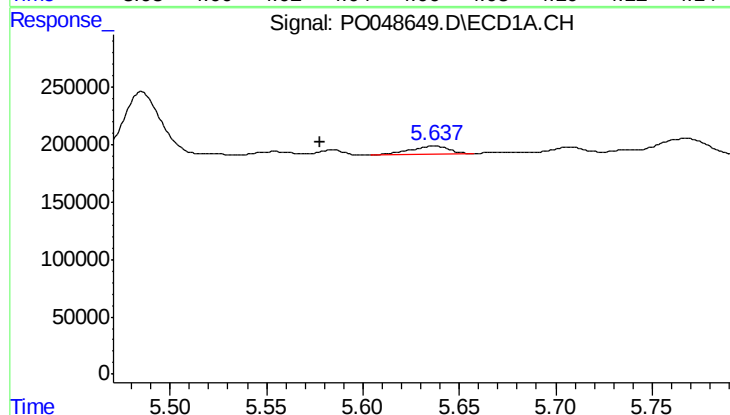
R.T.: 4.783 min
Delta R.T.: 0.024 min
Response: 75890
Conc: 15.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



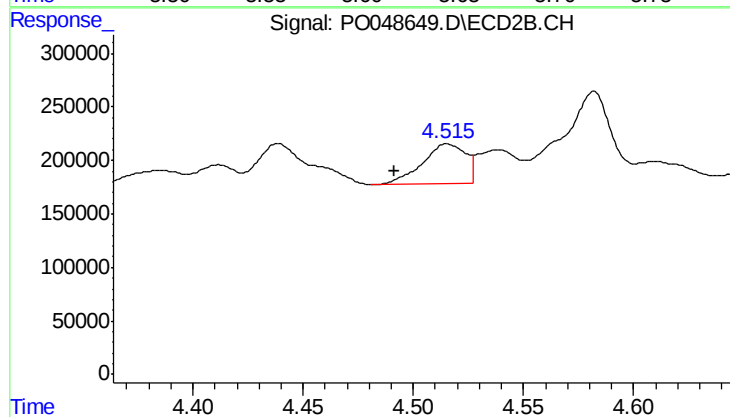
#10 AR-1221-3

R.T.: 4.057 min
Delta R.T.: 0.054 min
Response: 276991
Conc: 44.42 ng/ml



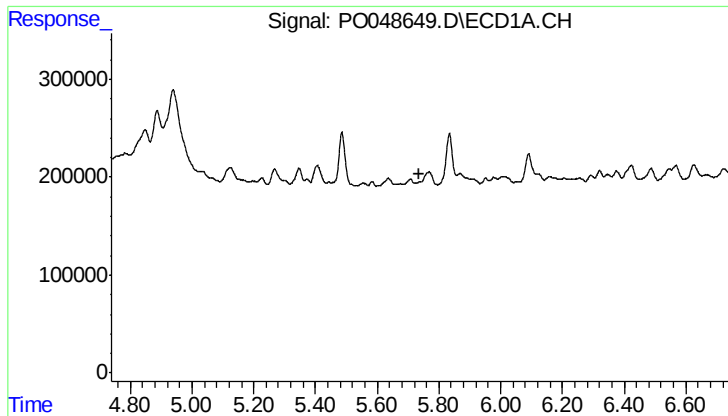
#11 AR-1232-1

R.T.: 5.637 min
Delta R.T.: 0.059 min
Response: 98794
Conc: 21.99 ng/ml



#11 AR-1232-1

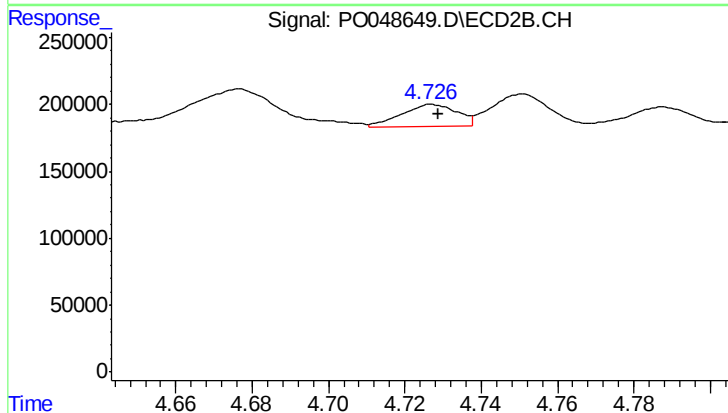
R.T.: 4.515 min
Delta R.T.: 0.024 min
Response: 512906
Conc: 175.74 ng/ml



#12 AR-1232-2

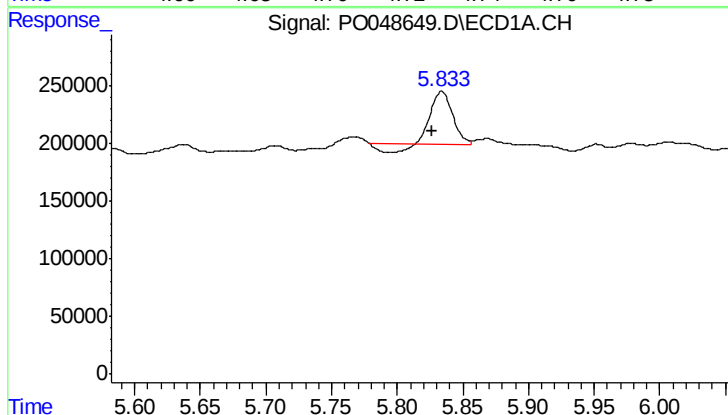
R.T.: 0.000 min
Exp R.T.: 5.738 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



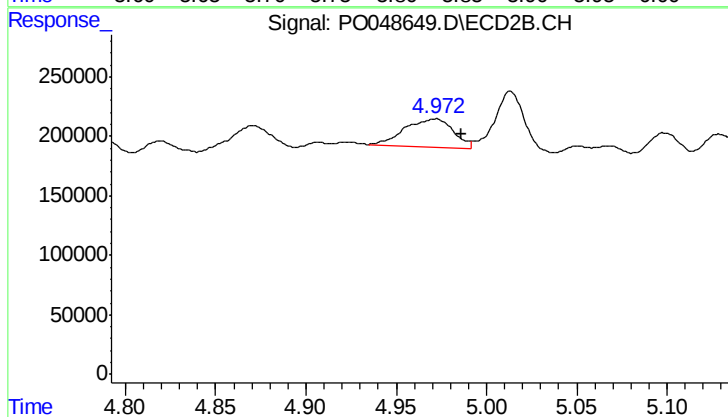
#12 AR-1232-2

R.T.: 4.727 min
Delta R.T.: -0.002 min
Response: 162659
Conc: 27.16 ng/ml



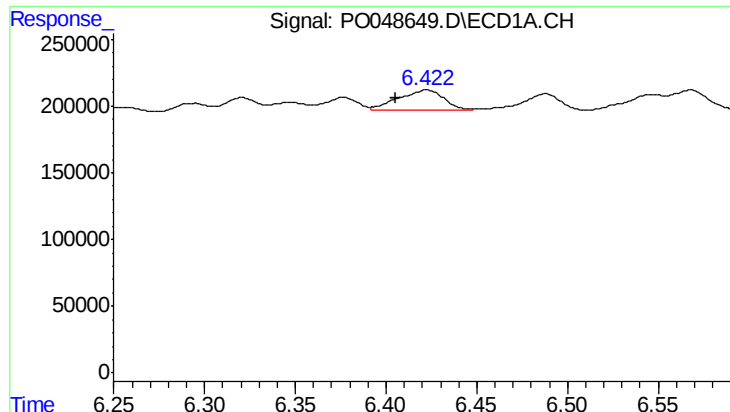
#13 AR-1232-3

R.T.: 5.834 min
Delta R.T.: 0.007 min
Response: 452607
Conc: 269.17 ng/ml



#13 AR-1232-3

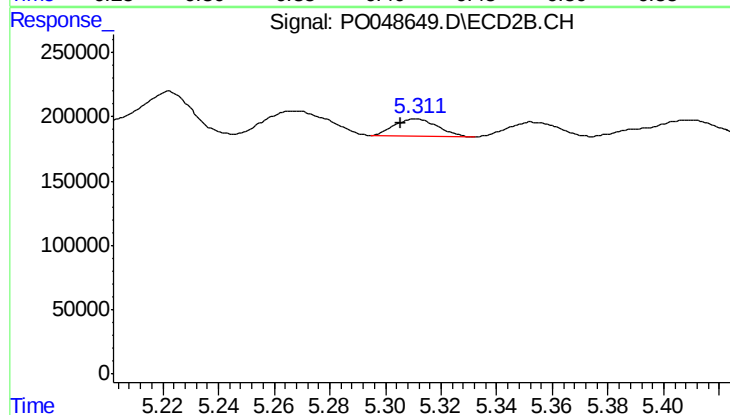
R.T.: 4.972 min
Delta R.T.: -0.014 min
Response: 439302
Conc: 167.15 ng/ml



#14 AR-1232-4

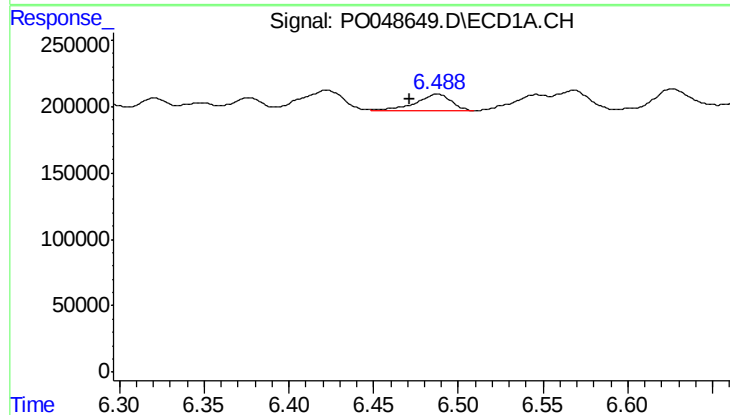
R.T.: 6.422 min
Delta R.T.: 0.017 min
Response: 266768
Conc: 164.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



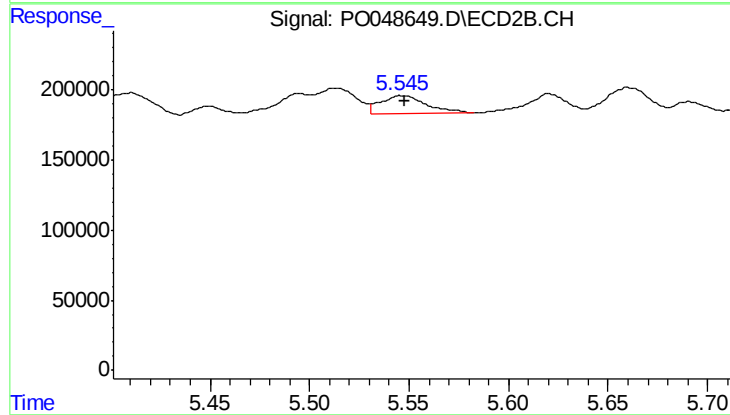
#14 AR-1232-4

R.T.: 5.311 min
Delta R.T.: 0.006 min
Response: 147292
Conc: 53.09 ng/ml



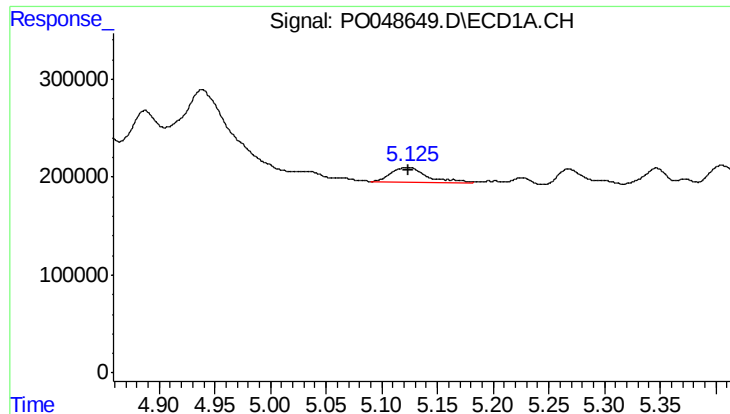
#15 AR-1232-5

R.T.: 6.488 min
Delta R.T.: 0.016 min
Response: 184523
Conc: 78.42 ng/ml



#15 AR-1232-5

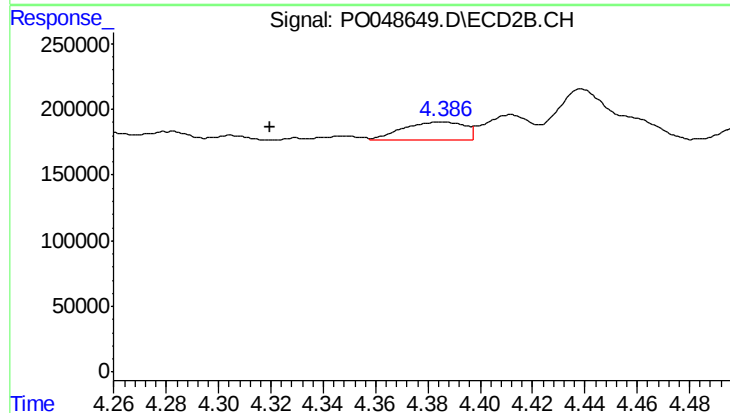
R.T.: 5.547 min
Delta R.T.: -0.001 min
Response: 201991
Conc: 65.62 ng/ml



#16 AR-1242-1

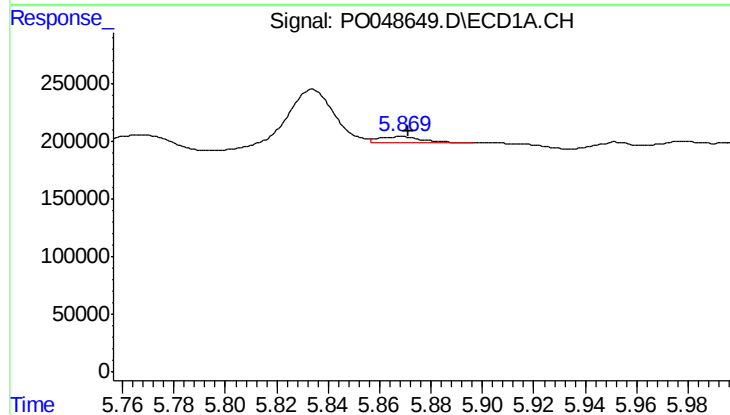
R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 349383
Conc: 145.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



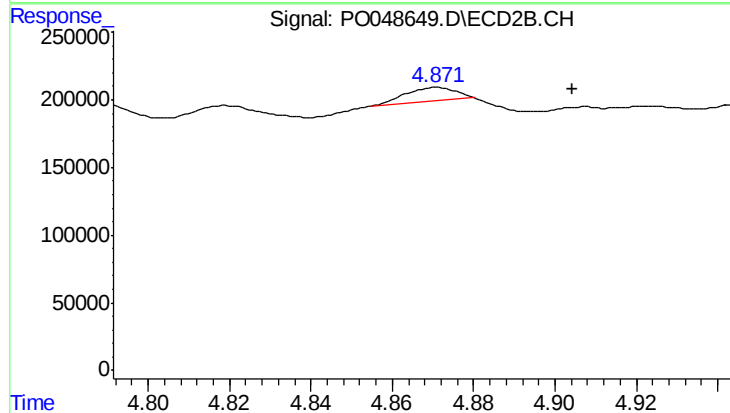
#16 AR-1242-1

R.T.: 4.386 min
Delta R.T.: 0.066 min
Response: 225107
Conc: 64.37 ng/ml



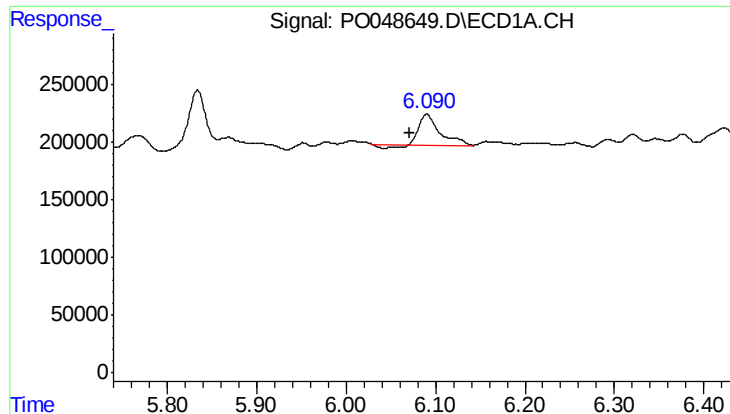
#17 AR-1242-2

R.T.: 5.868 min
Delta R.T.: -0.003 min
Response: 66939
Conc: 18.47 ng/ml



#17 AR-1242-2

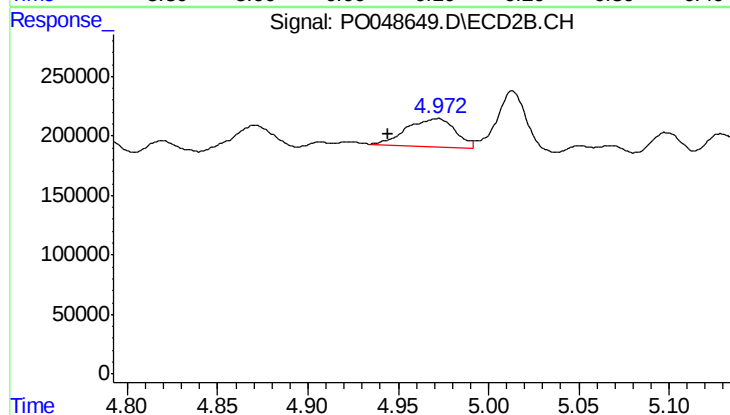
R.T.: 4.871 min
Delta R.T.: -0.033 min
Response: 91381
Conc: 16.71 ng/ml



#18 AR-1242-3

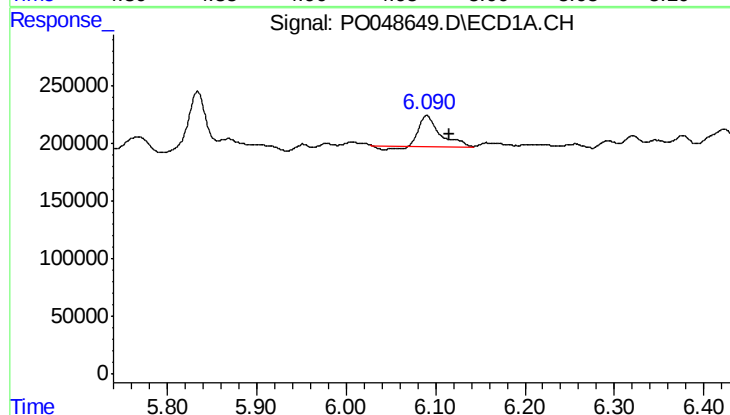
R.T.: 6.090 min
Delta R.T.: 0.019 min
Response: 377467
Conc: 218.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



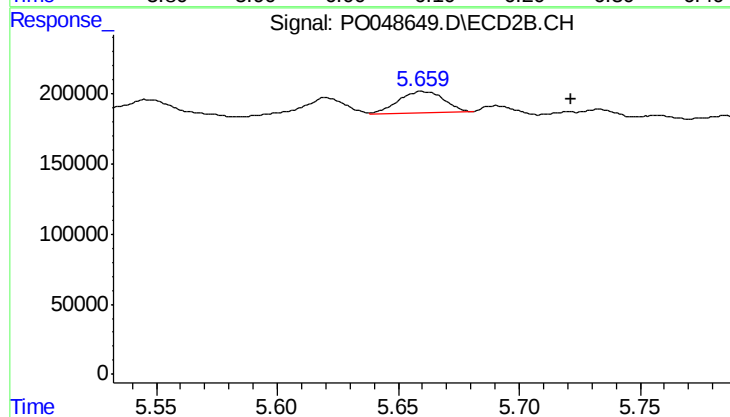
#18 AR-1242-3

R.T.: 4.972 min
Delta R.T.: 0.027 min
Response: 439302
Conc: 104.68 ng/ml



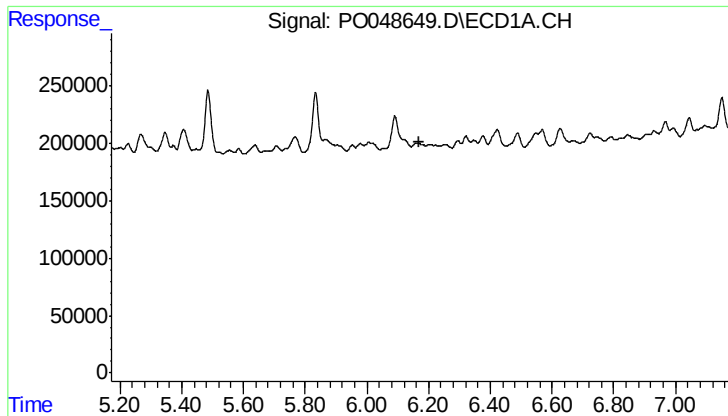
#19 AR-1242-4

R.T.: 6.090 min
Delta R.T.: -0.026 min
Response: 377467
Conc: 292.58 ng/ml



#19 AR-1242-4

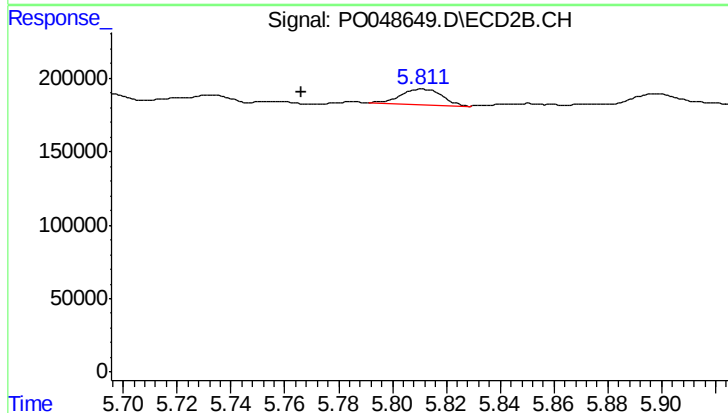
R.T.: 5.660 min
Delta R.T.: -0.061 min
Response: 193375
Conc: 43.87 ng/ml



#20 AR-1242-5

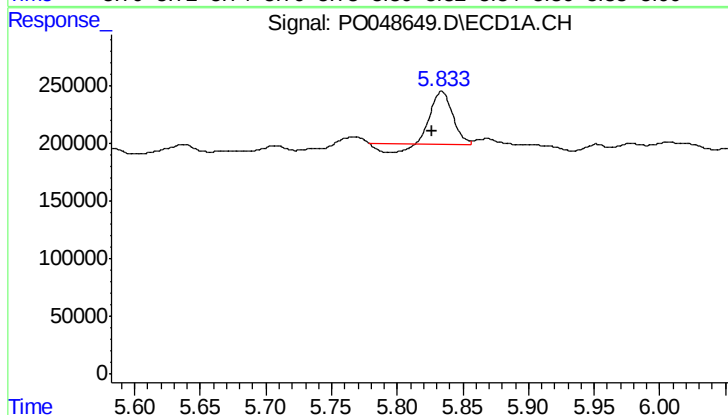
R.T.: 0.000 min
Exp R.T.: 6.172 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



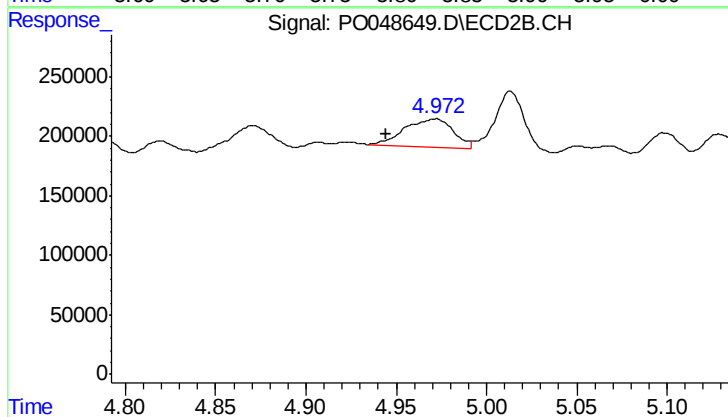
#20 AR-1242-5

R.T.: 5.812 min
Delta R.T.: 0.045 min
Response: 107899
Conc: 29.35 ng/ml



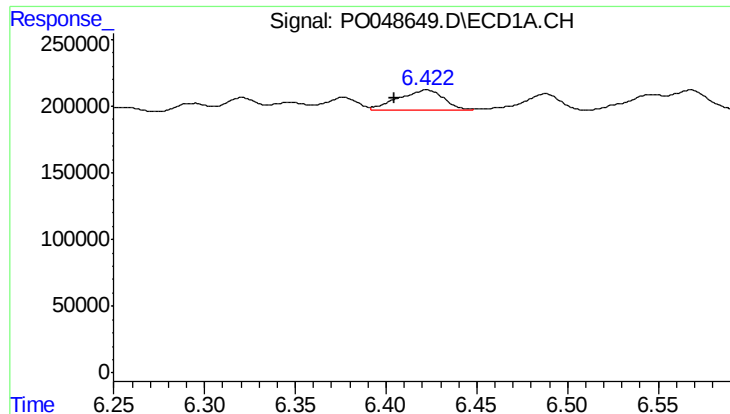
#21 AR-1248-1

R.T.: 5.834 min
Delta R.T.: 0.007 min
Response: 452607
Conc: 76.67 ng/ml



#21 AR-1248-1

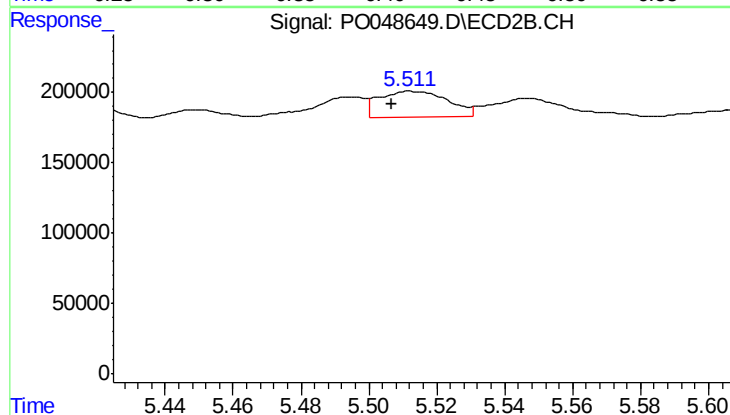
R.T.: 4.972 min
Delta R.T.: 0.027 min
Response: 439302
Conc: 57.97 ng/ml



#22 AR-1248-2

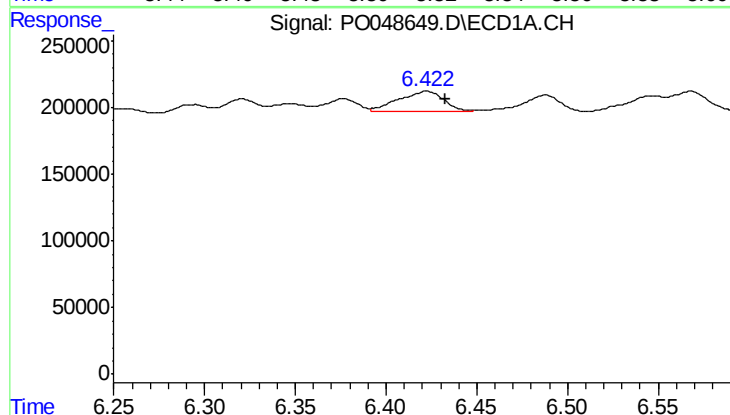
R.T.: 6.422 min
Delta R.T.: 0.017 min
Response: 266768
Conc: 45.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



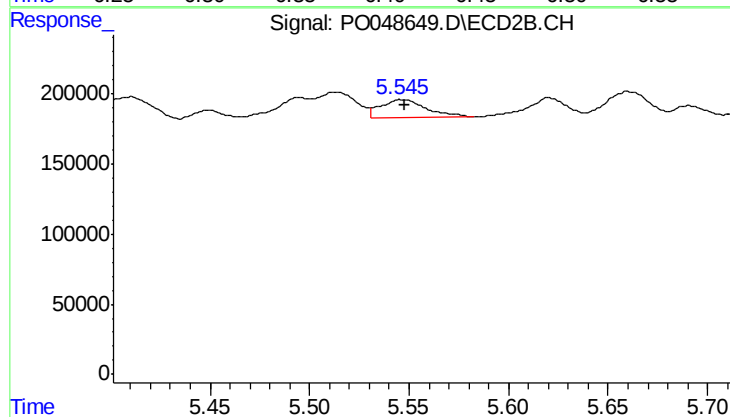
#22 AR-1248-2

R.T.: 5.513 min
Delta R.T.: 0.006 min
Response: 258221
Conc: 19.61 ng/ml



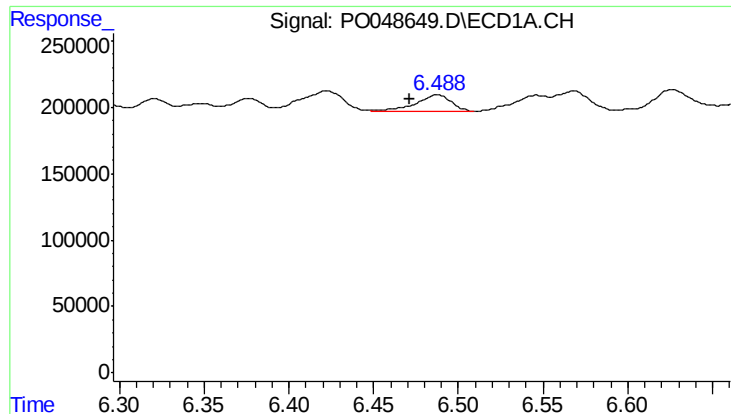
#23 AR-1248-3

R.T.: 6.422 min
Delta R.T.: -0.011 min
Response: 266768
Conc: 34.57 ng/ml



#23 AR-1248-3

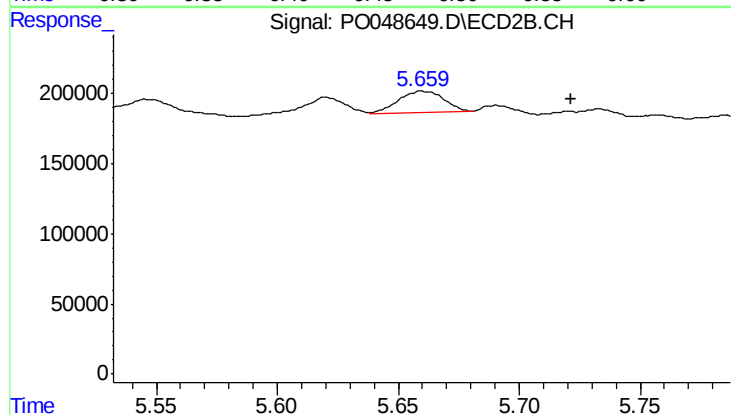
R.T.: 5.547 min
Delta R.T.: 0.000 min
Response: 201991
Conc: 22.14 ng/ml



#24 AR-1248-4

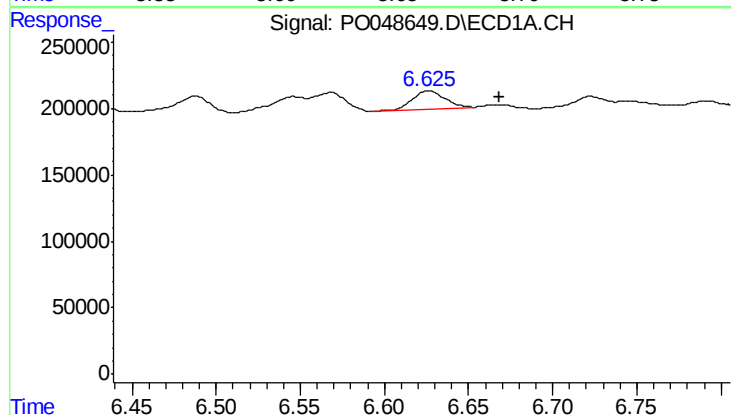
R.T.: 6.488 min
Delta R.T.: 0.016 min
Response: 184523
Conc: 25.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



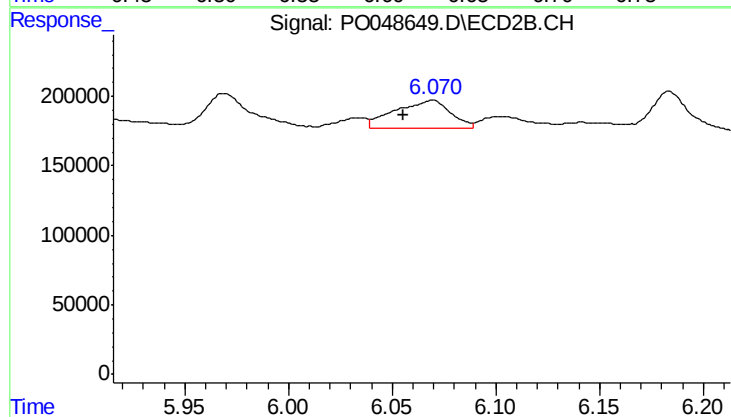
#24 AR-1248-4

R.T.: 5.660 min
Delta R.T.: -0.061 min
Response: 193375
Conc: 24.50 ng/ml



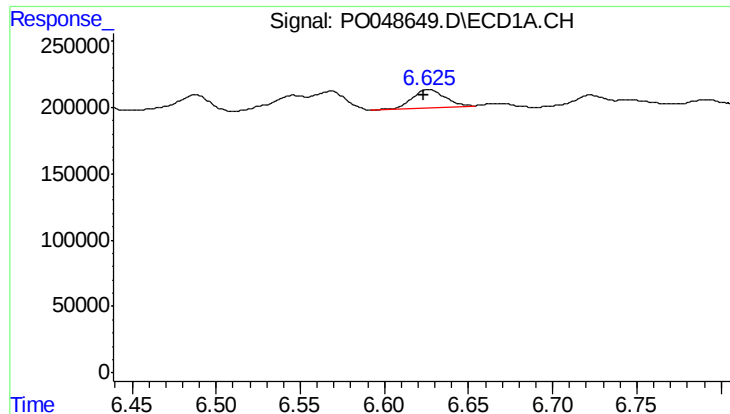
#25 AR-1248-5

R.T.: 6.626 min
Delta R.T.: -0.042 min
Response: 184880
Conc: 38.21 ng/ml



#25 AR-1248-5

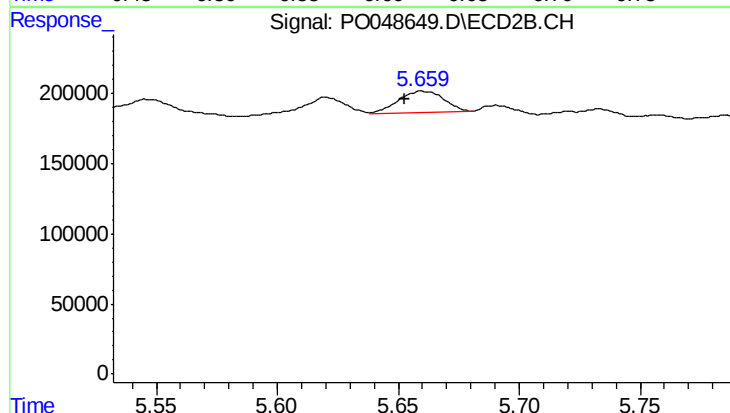
R.T.: 6.070 min
Delta R.T.: 0.014 min
Response: 377865
Conc: 63.04 ng/ml



#26 AR-1254-1

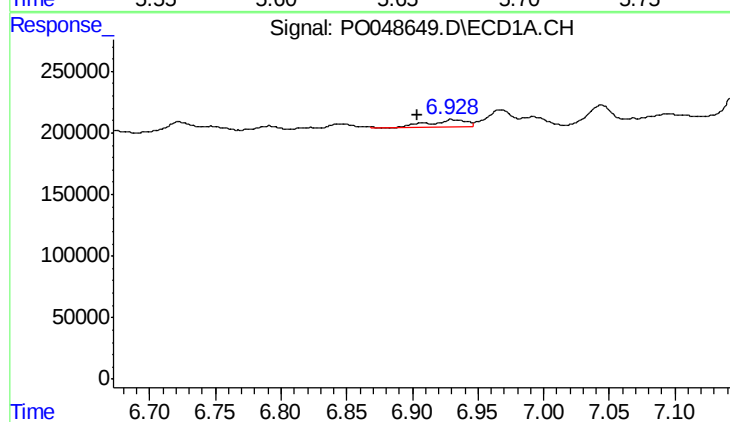
R.T.: 6.626 min
Delta R.T.: 0.003 min
Response: 184880
Conc: 13.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



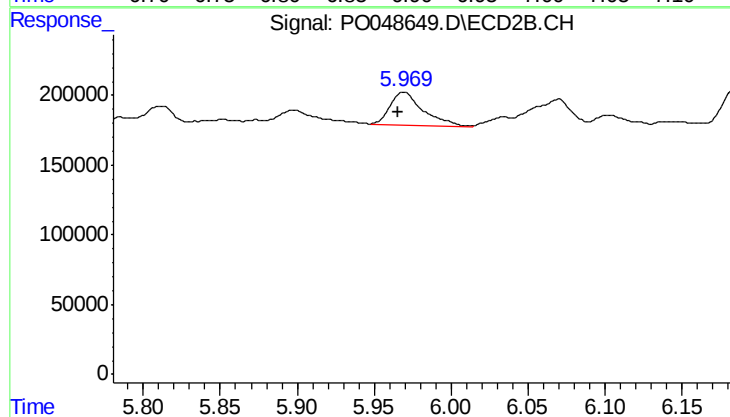
#26 AR-1254-1

R.T.: 5.660 min
Delta R.T.: 0.008 min
Response: 193375
Conc: 13.44 ng/ml



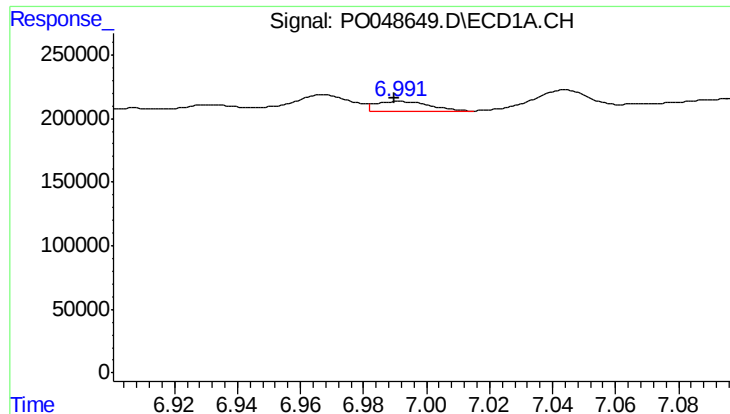
#27 AR-1254-2

R.T.: 6.930 min
Delta R.T.: 0.026 min
Response: 107700
Conc: 13.05 ng/ml



#27 AR-1254-2

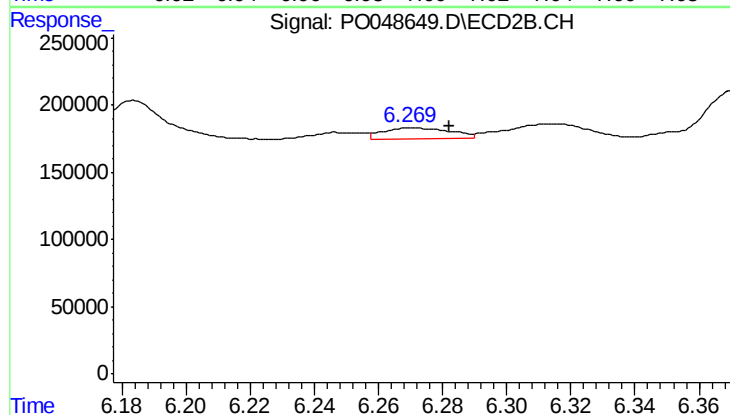
R.T.: 5.969 min
Delta R.T.: 0.004 min
Response: 344057
Conc: 29.71 ng/ml



#28 AR-1254-3

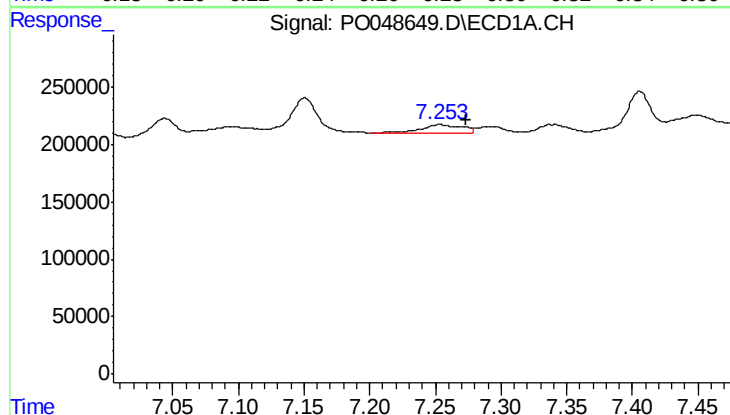
R.T.: 6.992 min
Delta R.T.: 0.002 min
Response: 95022
Conc: 6.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



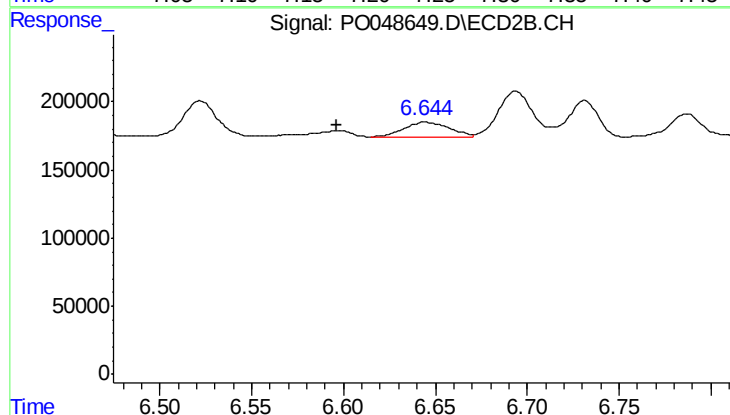
#28 AR-1254-3

R.T.: 6.270 min
Delta R.T.: -0.012 min
Response: 119909
Conc: 8.19 ng/ml



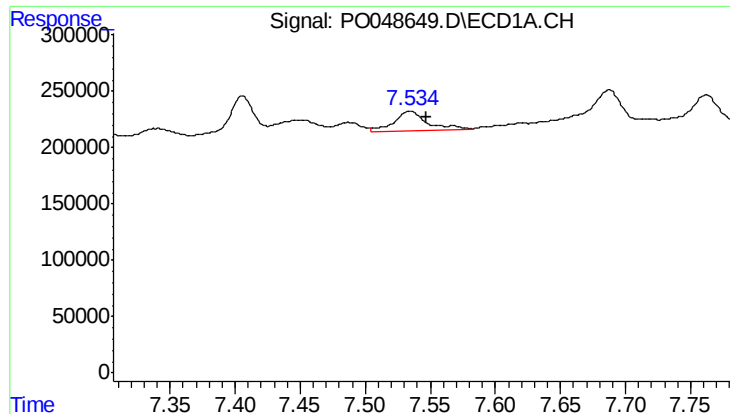
#29 AR-1254-4

R.T.: 7.253 min
Delta R.T.: -0.020 min
Response: 147287
Conc: 13.40 ng/ml



#29 AR-1254-4

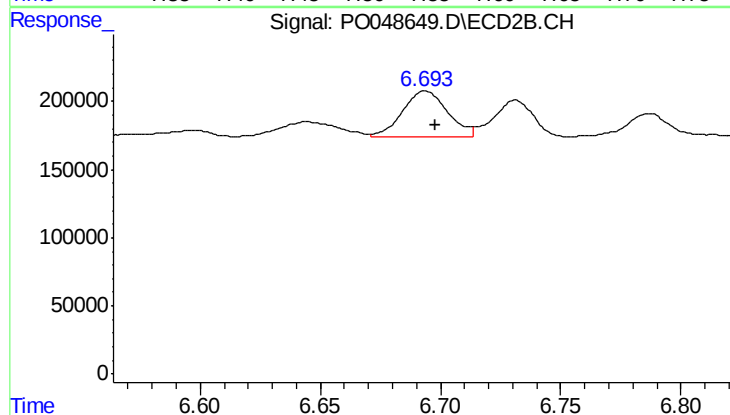
R.T.: 6.644 min
Delta R.T.: 0.048 min
Response: 200081
Conc: 20.33 ng/ml



#30 AR-1254-5

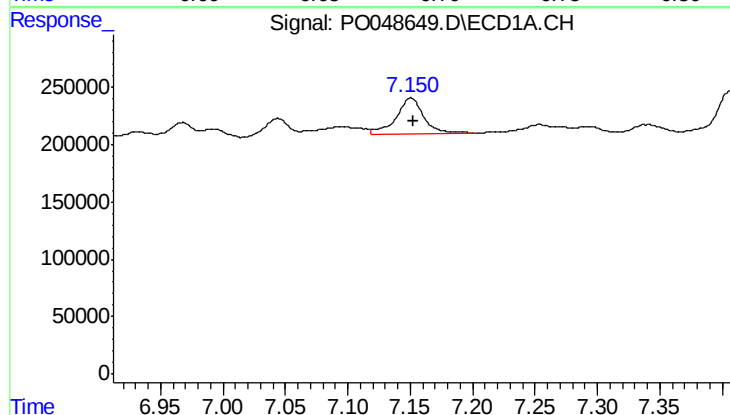
R.T.: 7.534 min
Delta R.T.: -0.013 min
Response: 293464
Conc: 36.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



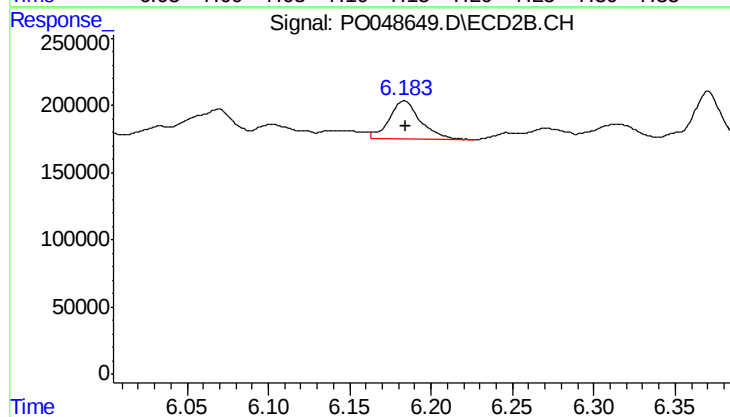
#30 AR-1254-5

R.T.: 6.694 min
Delta R.T.: -0.004 min
Response: 445689
Conc: 22.87 ng/ml



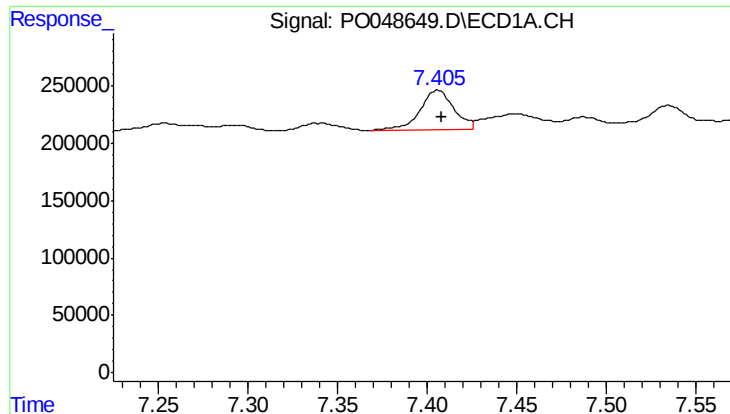
#31 AR-1260-1

R.T.: 7.151 min
Delta R.T.: -0.002 min
Response: 497152
Conc: 49.91 ng/ml



#31 AR-1260-1

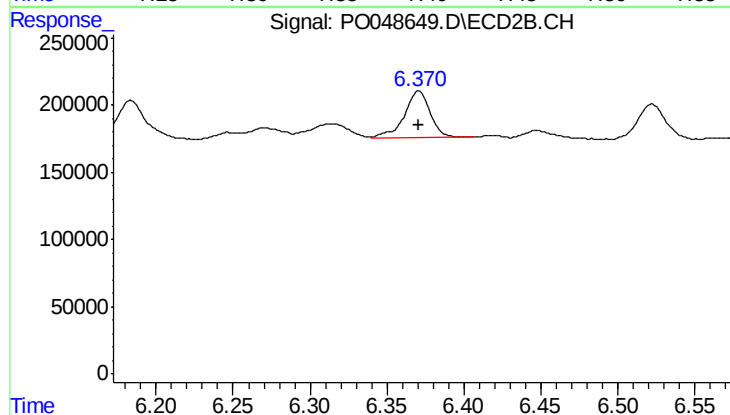
R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 380795
Conc: 27.50 ng/ml



#32 AR-1260-2

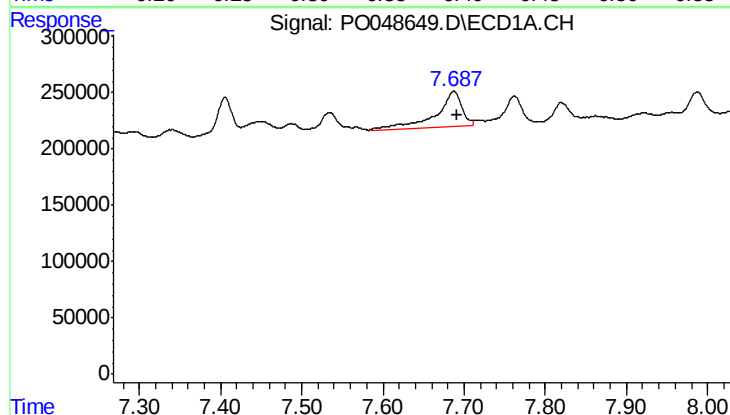
R.T.: 7.406 min
Delta R.T.: -0.003 min
Response: 445539
Conc: 37.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



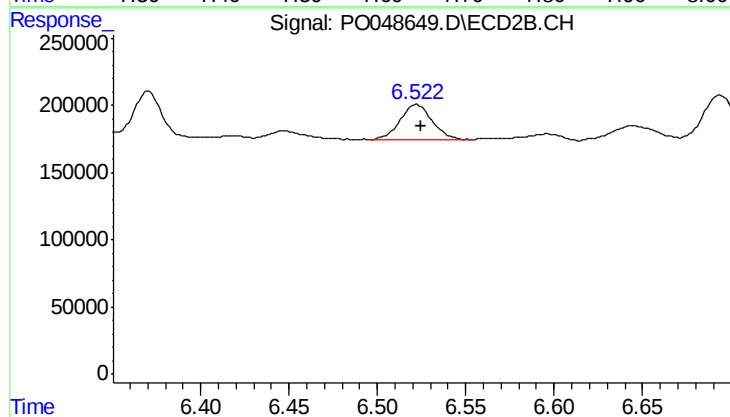
#32 AR-1260-2

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 394658
Conc: 22.50 ng/ml



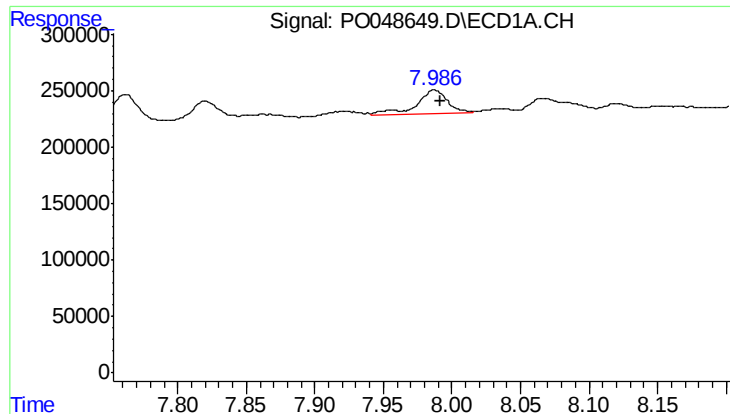
#33 AR-1260-3

R.T.: 7.687 min
Delta R.T.: -0.004 min
Response: 681400
Conc: 49.65 ng/ml



#33 AR-1260-3

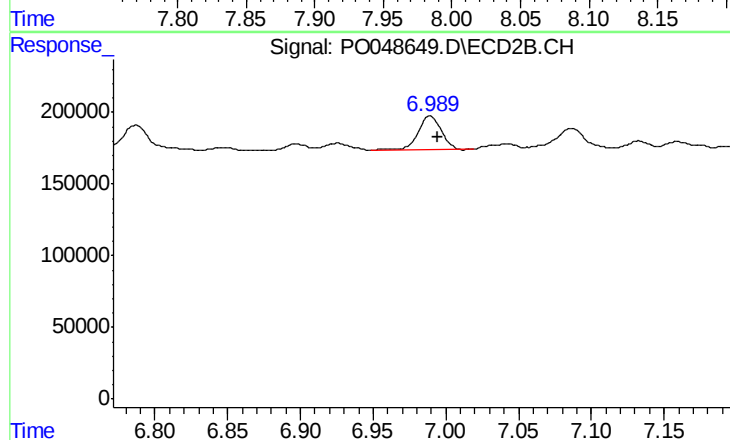
R.T.: 6.522 min
Delta R.T.: -0.003 min
Response: 325701
Conc: 21.24 ng/ml



#34 AR-1260-4

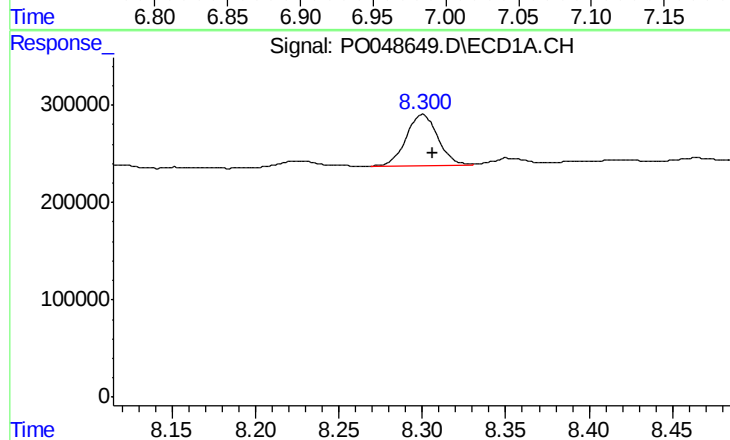
R.T.: 7.987 min
Delta R.T.: -0.004 min
Response: 310143
Conc: 31.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



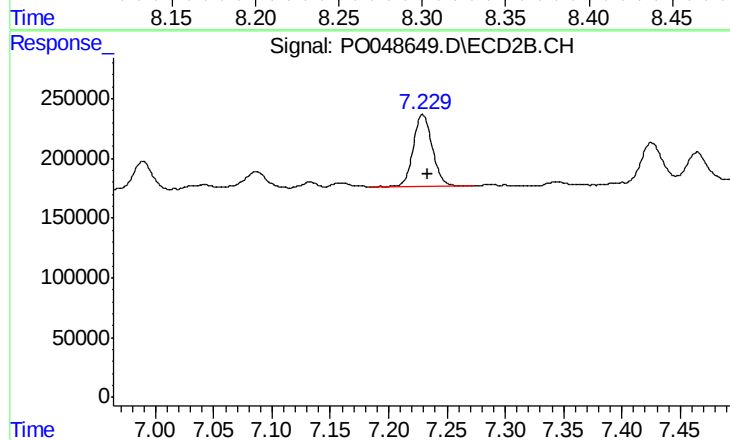
#34 AR-1260-4

R.T.: 6.989 min
Delta R.T.: -0.005 min
Response: 263950
Conc: 22.68 ng/ml



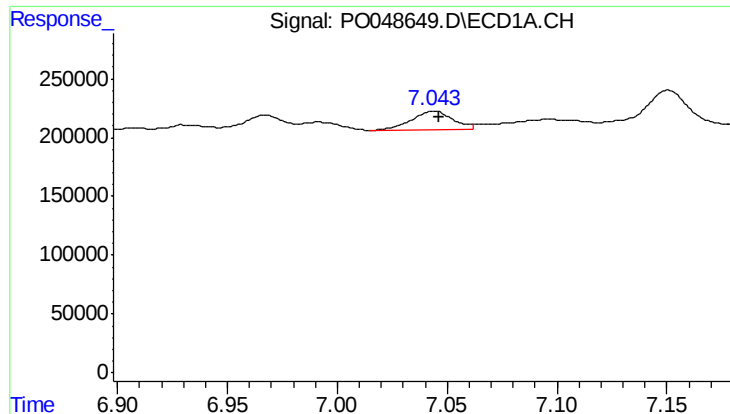
#35 AR-1260-5

R.T.: 8.300 min
Delta R.T.: -0.006 min
Response: 689929
Conc: 36.14 ng/ml



#35 AR-1260-5

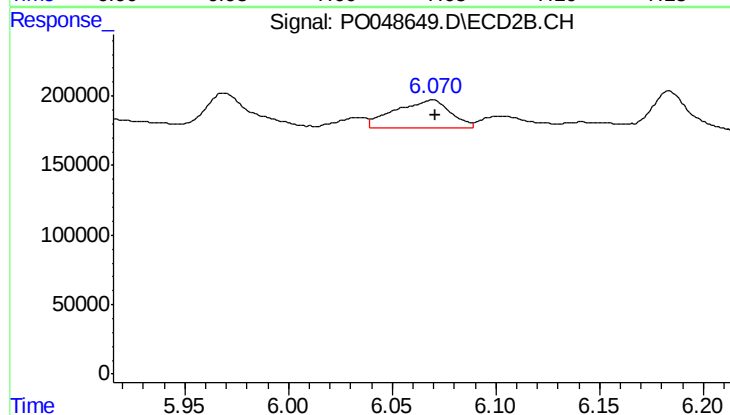
R.T.: 7.229 min
Delta R.T.: -0.005 min
Response: 704255
Conc: 26.01 ng/ml



#36 AR-1262-1

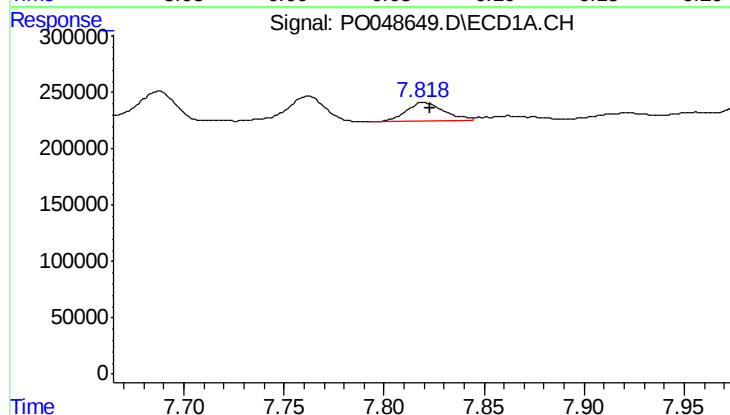
R.T.: 7.044 min
Delta R.T.: -0.002 min
Response: 216593
Conc: 27.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



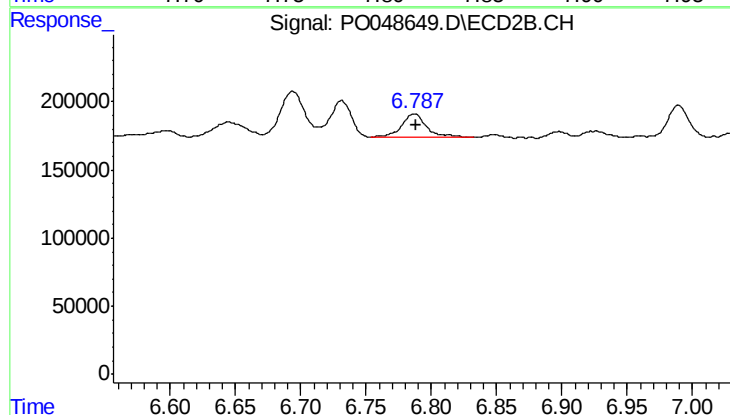
#36 AR-1262-1

R.T.: 6.070 min
Delta R.T.: -0.001 min
Response: 377865
Conc: 35.55 ng/ml



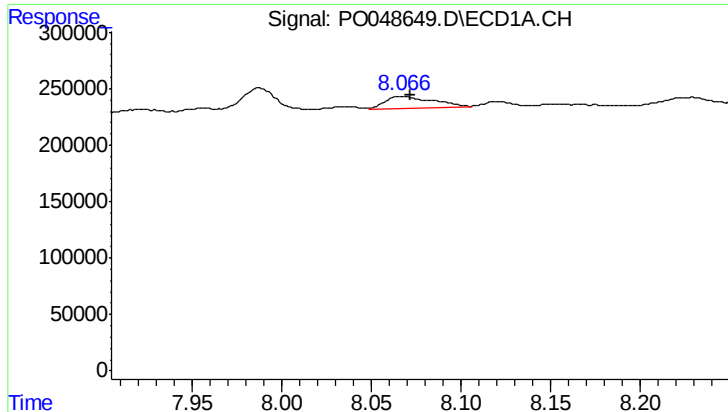
#37 AR-1262-2

R.T.: 7.820 min
Delta R.T.: -0.003 min
Response: 212705
Conc: 33.03 ng/ml



#37 AR-1262-2

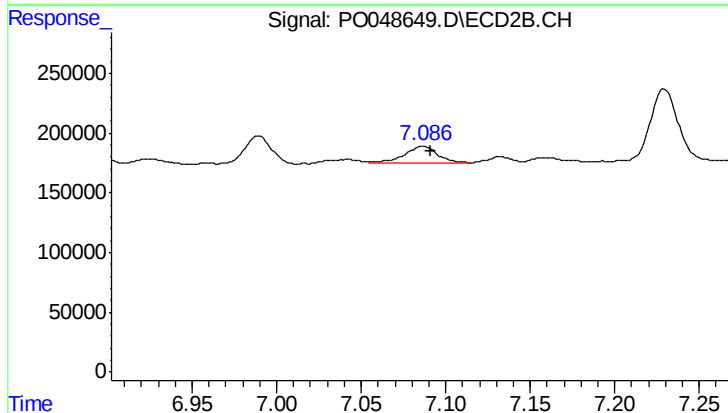
R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 242866
Conc: 25.41 ng/ml



#38 AR-1262-3

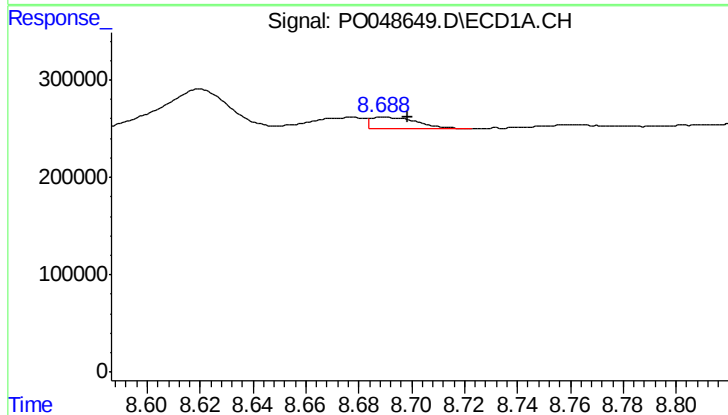
R.T.: 8.067 min
Delta R.T.: -0.004 min
Response: 198444
Conc: 28.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



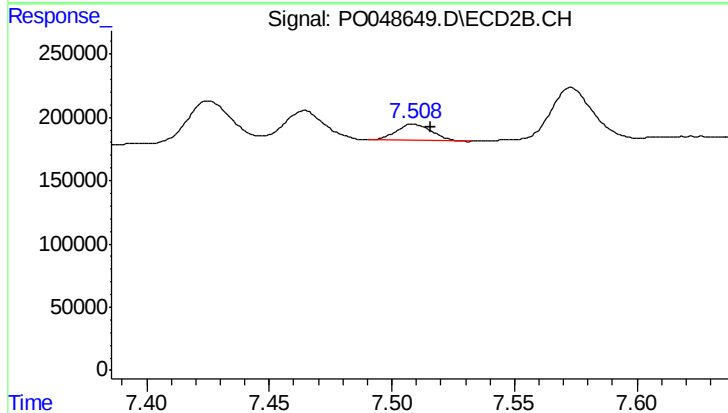
#38 AR-1262-3

R.T.: 7.086 min
Delta R.T.: -0.004 min
Response: 194530
Conc: 20.60 ng/ml



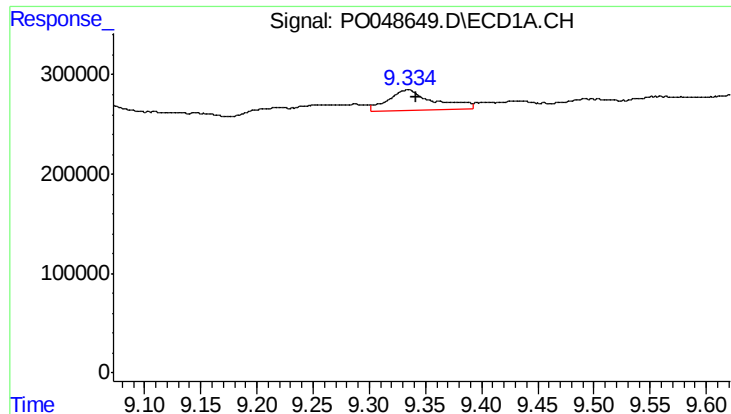
#39 AR-1262-4

R.T.: 8.689 min
Delta R.T.: -0.009 min
Response: 147540
Conc: 10.80 ng/ml



#39 AR-1262-4

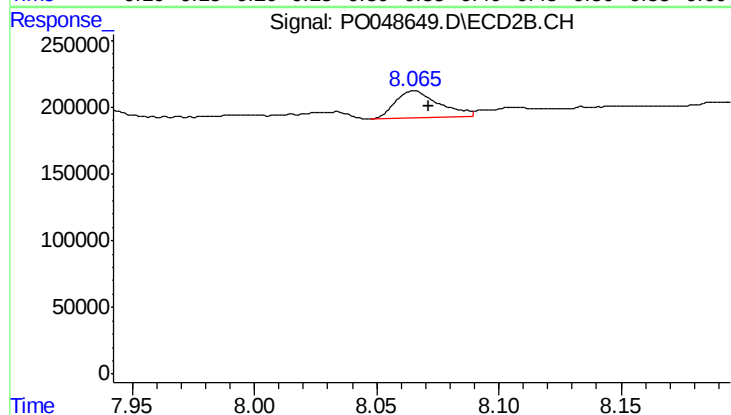
R.T.: 7.509 min
Delta R.T.: -0.007 min
Response: 130475
Conc: 9.70 ng/ml



#40 AR-1262-5

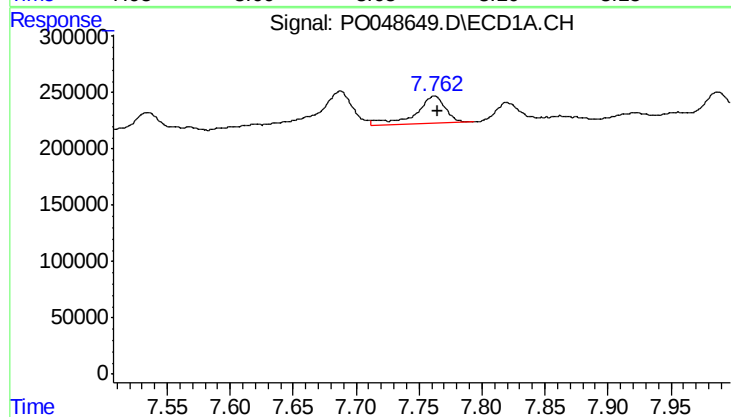
R.T.: 9.335 min
Delta R.T.: -0.007 min
Response: 590605
Conc: 63.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



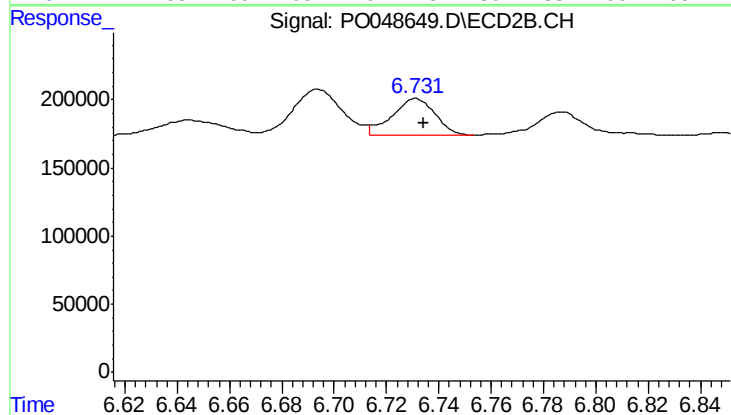
#40 AR-1262-5

R.T.: 8.065 min
Delta R.T.: -0.006 min
Response: 259689
Conc: 25.21 ng/ml



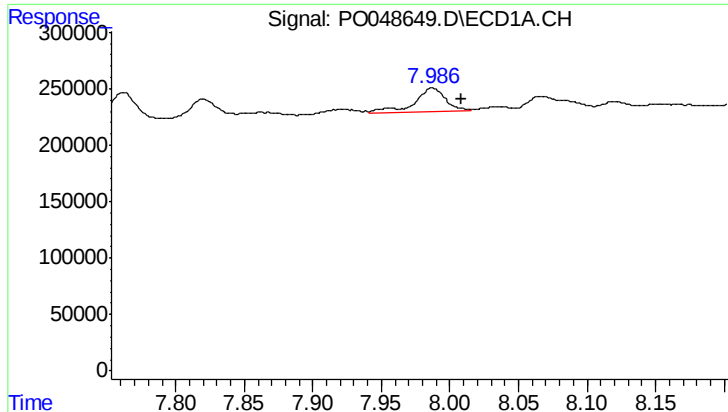
#41 AR-1268-1

R.T.: 7.762 min
Delta R.T.: -0.003 min
Response: 399490
Conc: 75.29 ng/ml



#41 AR-1268-1

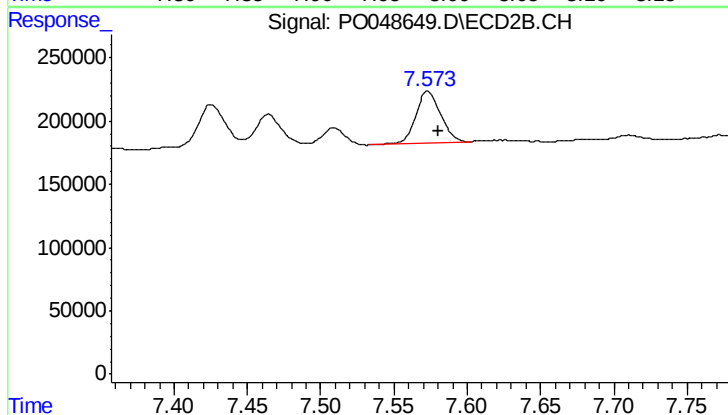
R.T.: 6.731 min
Delta R.T.: -0.003 min
Response: 314184
Conc: 40.62 ng/ml



#42 AR-1268-2

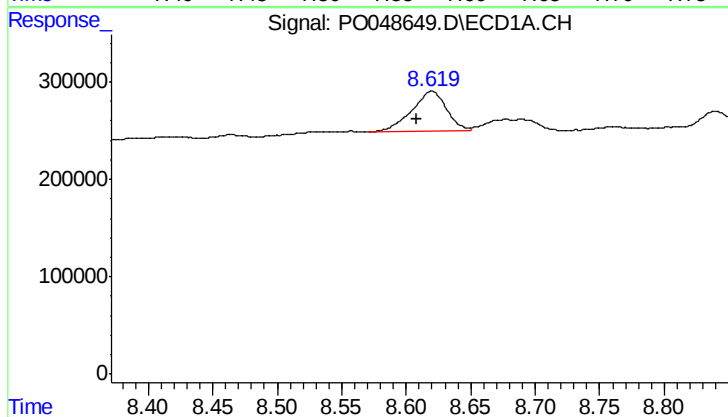
R.T.: 7.987 min
Delta R.T.: -0.021 min
Response: 310143
Conc: 45.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



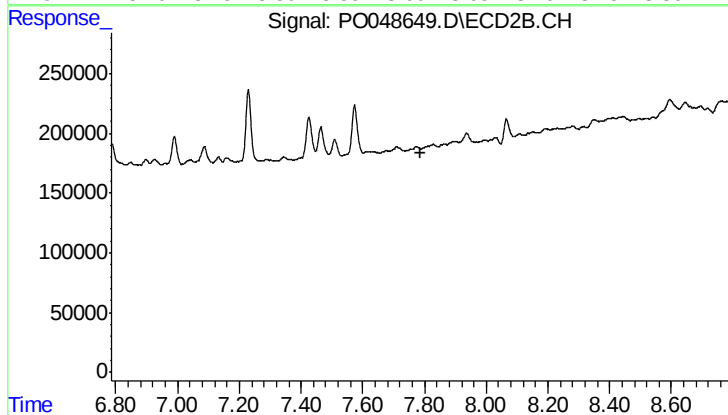
#42 AR-1268-2

R.T.: 7.573 min
Delta R.T.: -0.007 min
Response: 482251
Conc: 15.98 ng/ml



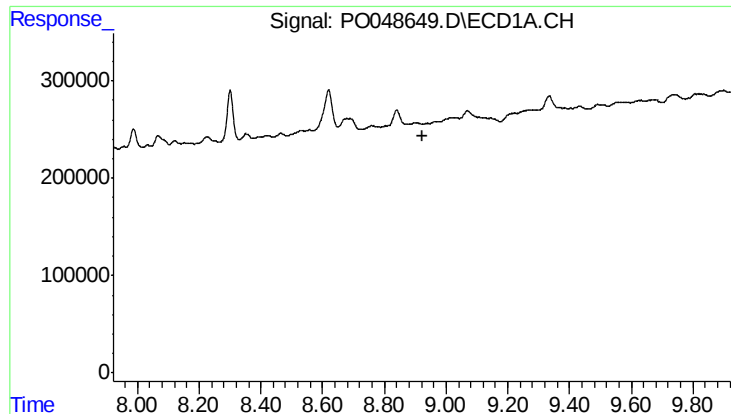
#43 AR-1268-3

R.T.: 8.620 min
Delta R.T.: 0.012 min
Response: 776907
Conc: 30.11 ng/ml



#43 AR-1268-3

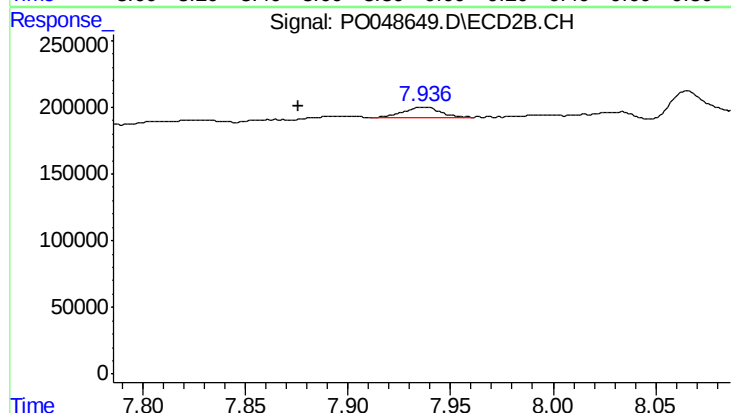
R.T.: 0.000 min
Exp R.T.: 7.785 min
Response: 0
Conc: N.D.



#44 AR-1268-4

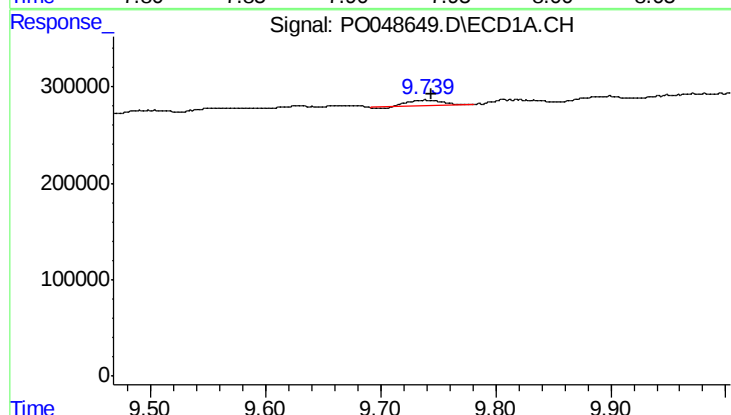
R.T.: 0.000 min
Exp R.T.: 8.922 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



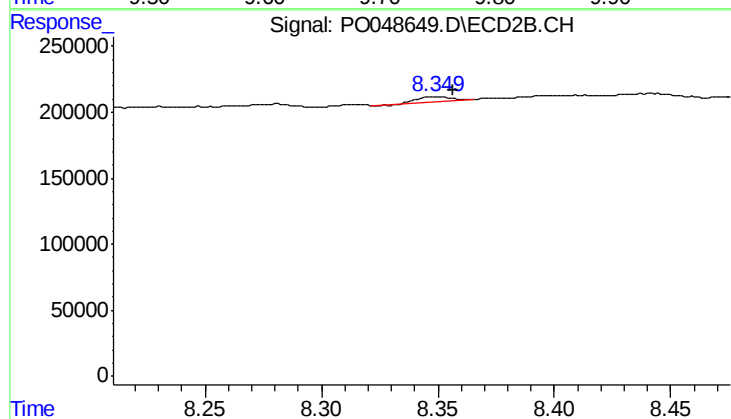
#44 AR-1268-4

R.T.: 7.936 min
Delta R.T.: 0.061 min
Response: 106420
Conc: 16.27 ng/ml



#45 AR-1268-5

R.T.: 9.738 min
Delta R.T.: -0.006 min
Response: 127795
Conc: 2.11 ng/ml



#45 AR-1268-5

R.T.: 8.349 min
Delta R.T.: -0.008 min
Response: 39461
Conc: 0.63 ng/ml