

Data Path : Z:\bestpcbsrv\HPCHEM1\ECD 0\Data\P0083018\
 Data File : P0048651.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Aug 2018 20:52
 Operator : SM/SJ
 Sample : J4701-36 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 02:24:40 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...	4.383	3.631	74984	127569	0.396	0.471
2) SA Decachlor...	10.057	8.594	203736	201598	1.183	1.204
Target Compounds						
3) L1 AR-1016-1	5.116	4.282	340573	313826	71.413	52.372 #
4) L1 AR-1016-2	5.268	4.724	323242	186925	68.934	21.280 #
5) L1 AR-1016-3	0.000	4.724	0	186925	N.D.	14.603 #
6) L1 AR-1016-4	5.635	4.784	161982	344845	26.644	42.048 #
7) L1 AR-1016-5	6.087	5.094	225529	123264	45.160	16.677 #
8) L2 AR-1221-1	4.599	0.000	93511	0	44.478	N.D. #
9) L2 AR-1221-2	4.691	3.924	156475	195968	103.205	101.864
10) L2 AR-1221-3	4.755	4.062	49034	315051	9.884	50.526 #
11) L3 AR-1232-1	5.635	4.511	161982	1385876	36.050	474.861 #
12) L3 AR-1232-2	5.671	4.724	31374	186925	13.810	31.216 #
13) L3 AR-1232-3	5.825	4.954	66032	304025	39.270	115.677 #
14) L3 AR-1232-4	6.404	5.305	528998	242345	326.598	87.356 #
15) L3 AR-1232-5	6.404	5.543	528998	250124	224.826	81.257 #
16) L4 AR-1242-1	5.116	4.282	340573	313826	142.166	89.741 #
17) L4 AR-1242-2	5.851	4.954	195417	304025	53.916	55.581
18) L4 AR-1242-3	6.087	4.954	225529	304025	130.699	72.447 #
19) L4 AR-1242-4	6.122	0.000	65047	0	50.418	N.D. #
20) L4 AR-1242-5	6.122	5.802	65047	70282	14.556	19.118 #
21) L5 AR-1248-1	5.825	4.954	66032	304025	11.186	40.119 #
22) L5 AR-1248-2	6.404	5.504	528998	820084	91.015	62.290 #
23) L5 AR-1248-3	6.404	5.543	528998	250124	68.548	27.416 #
24) L5 AR-1248-4	6.404	0.000	528998	0	72.217	N.D. #
25) L5 AR-1248-5	6.620	6.064	577175	1716722	119.298	286.402 #
26) L6 AR-1254-1	6.620	5.650	577175	694951	42.518	48.302
27) L6 AR-1254-2	6.900	5.962	126121	302675	15.281	26.134 #
28) L6 AR-1254-3	6.986	6.274	370673	212517	25.834	14.508 #
29) L6 AR-1254-4	7.268	6.596	358641	212929	32.633	21.637 #
30) L6 AR-1254-5	7.562	6.690	181272	2448795	22.243	125.662 #
31) L7 AR-1260-1	7.147	6.178	1911627	1813592	191.905	130.958 #
32) L7 AR-1260-2	7.402	6.364	2448741	2450055	204.419	139.656 #
33) L7 AR-1260-3	7.684	6.517	2720909	2016629	198.252	131.520 #
34) L7 AR-1260-4	7.984	6.985	2042869	1794773	206.337	154.193 #
35) L7 AR-1260-5	8.298	7.225	4626468	4941561	242.349	182.491
36) L8 AR-1262-1	7.041	6.064	1272854	1716722	162.978	161.504
37) L8 AR-1262-2	7.816	6.784	910986	1912812	141.481	200.101 #
38) L8 AR-1262-3	8.064	7.082	1088933	1115126	157.711	118.107 #

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 Operator : SM/SJ
 Sample : J4701-36 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

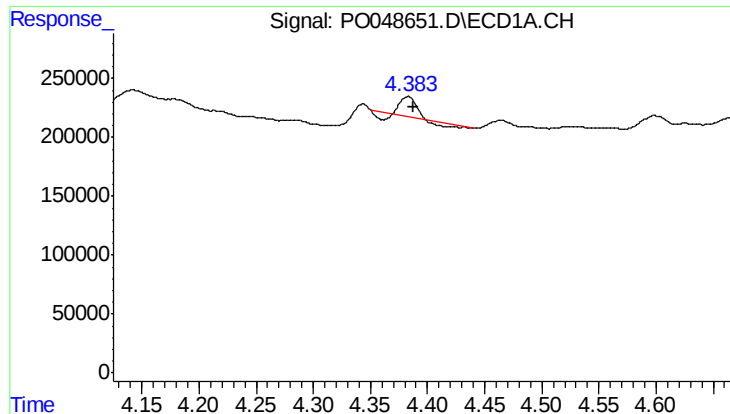
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 02:24:40 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0082418.M
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Volume Inj. : 2 µl
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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	8.671	7.506	1818849	1078118	133.160	80.116	#
40)	L8 AR-1262-5	9.332	8.062	1469992	1447424	158.981	140.532	
41)	L9 AR-1268-1	7.759	6.727	1877265	2159085	353.796	279.126	
42)	L9 AR-1268-2	7.984	7.570	2042869	3619027	299.164	119.898	#
43)	L9 AR-1268-3	8.618	7.824	2970392	54836	115.136	2.208	#
44)	L9 AR-1268-4	0.000	7.824	0	54836	N.D.	8.382	#
45)	L9 AR-1268-5	9.733	8.346	284622	275887	4.690	4.431	

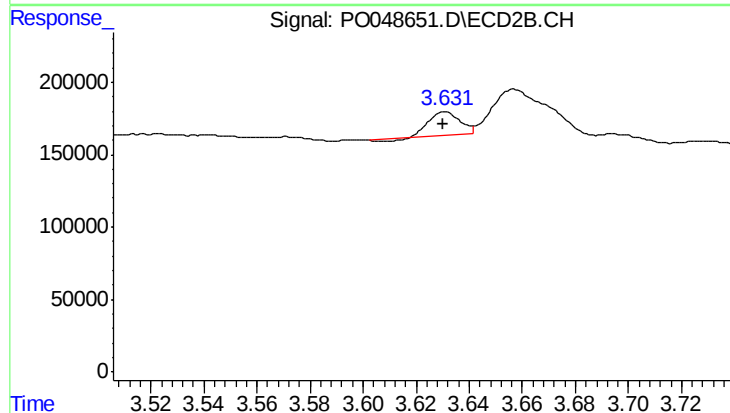
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

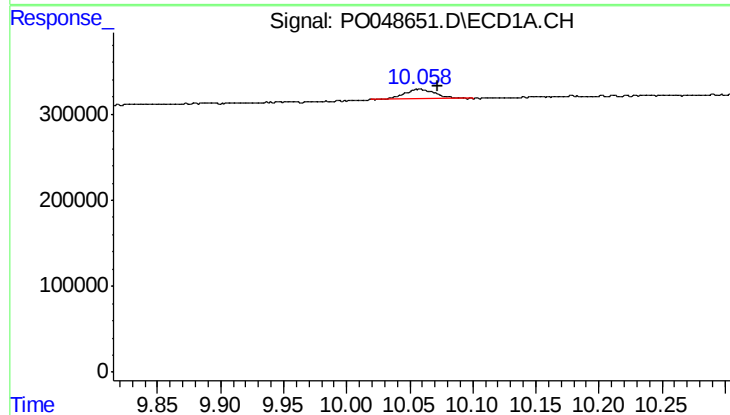
R.T.: 4.383 min
Delta R.T.: -0.005 min
Response: 74984
Conc: 0.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



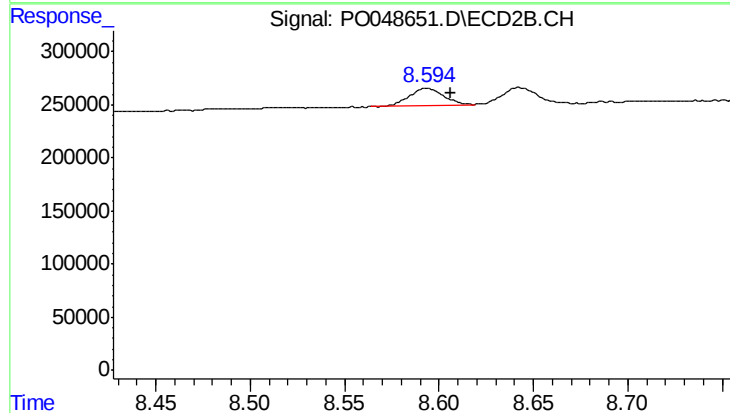
#1 Tetrachloro-m-xylene

R.T.: 3.631 min
Delta R.T.: 0.000 min
Response: 127569
Conc: 0.47 ng/ml



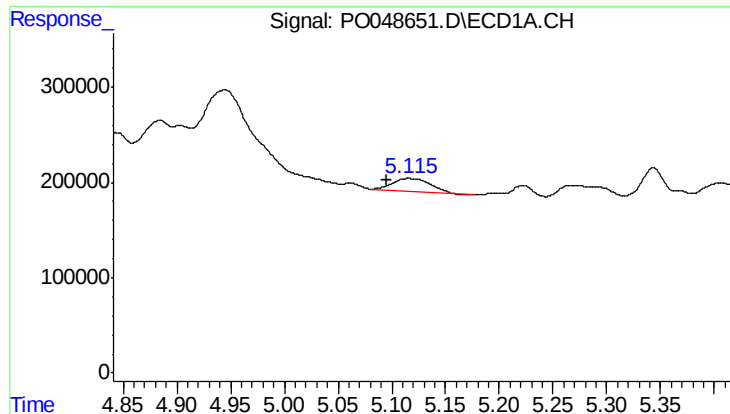
#2 Decachlorobiphenyl

R.T.: 10.057 min
Delta R.T.: -0.015 min
Response: 203736
Conc: 1.18 ng/ml



#2 Decachlorobiphenyl

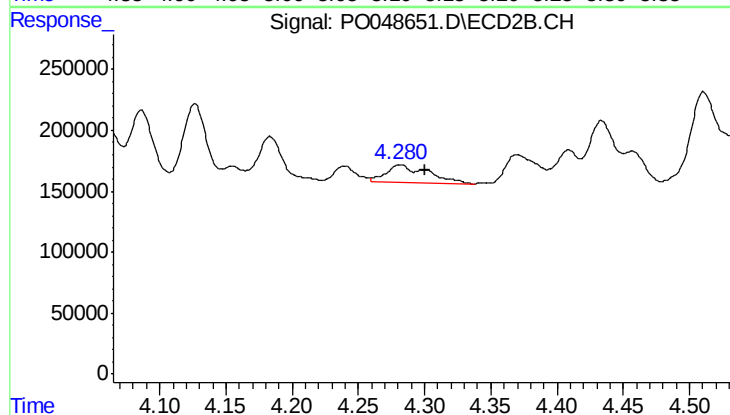
R.T.: 8.594 min
Delta R.T.: -0.013 min
Response: 201598
Conc: 1.20 ng/ml



#3 AR-1016-1

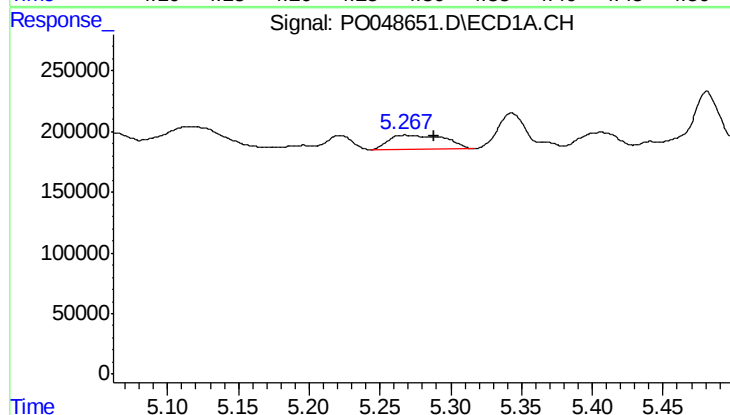
R.T.: 5.116 min
Delta R.T.: 0.021 min
Response: 340573
Conc: 71.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



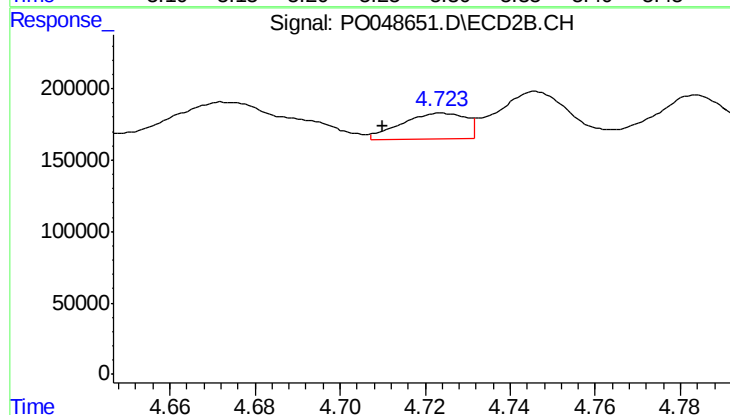
#3 AR-1016-1

R.T.: 4.282 min
Delta R.T.: -0.019 min
Response: 313826
Conc: 52.37 ng/ml



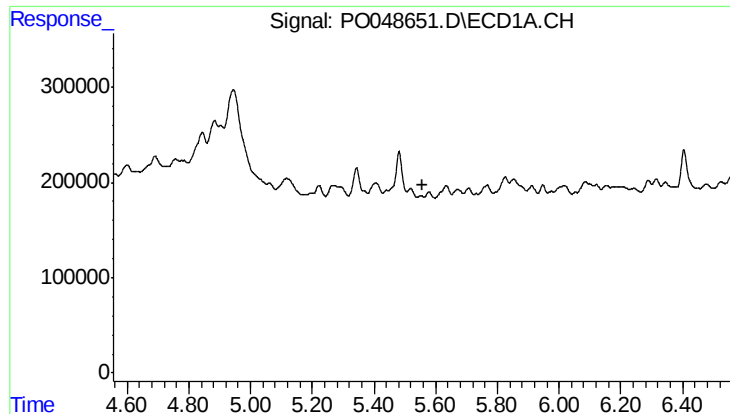
#4 AR-1016-2

R.T.: 5.268 min
Delta R.T.: -0.021 min
Response: 323242
Conc: 68.93 ng/ml



#4 AR-1016-2

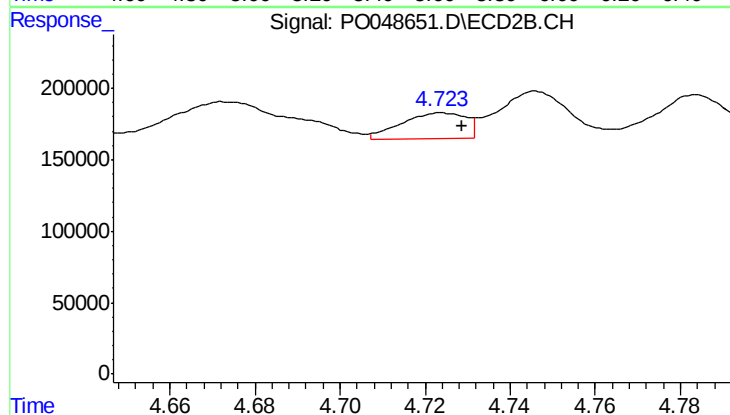
R.T.: 4.724 min
Delta R.T.: 0.014 min
Response: 186925
Conc: 21.28 ng/ml



#5 AR-1016-3

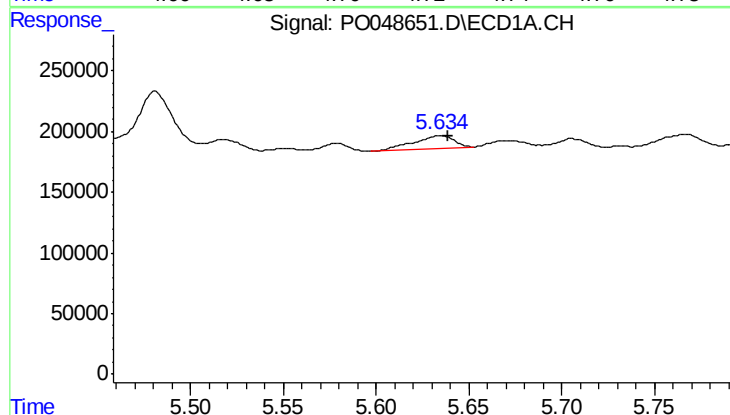
R.T.: 0.000 min
Exp R.T.: 5.556 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



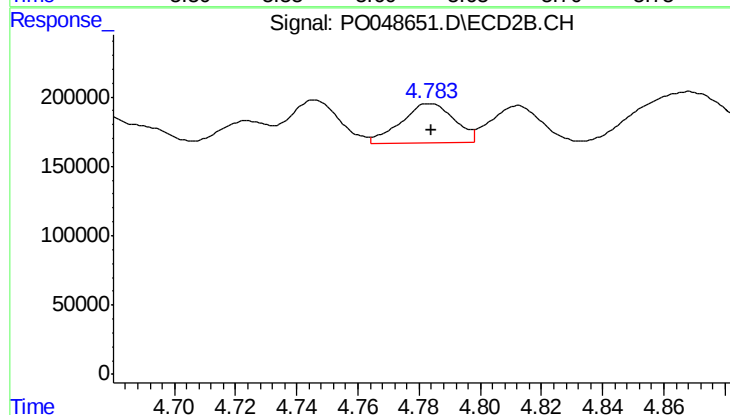
#5 AR-1016-3

R.T.: 4.724 min
Delta R.T.: -0.005 min
Response: 186925
Conc: 14.60 ng/ml



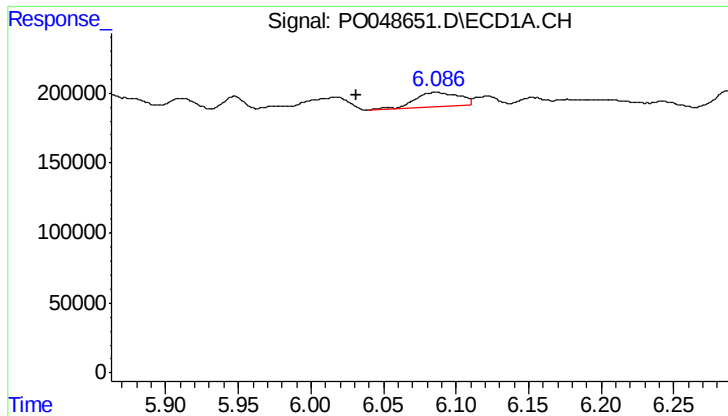
#6 AR-1016-4

R.T.: 5.635 min
Delta R.T.: -0.004 min
Response: 161982
Conc: 26.64 ng/ml



#6 AR-1016-4

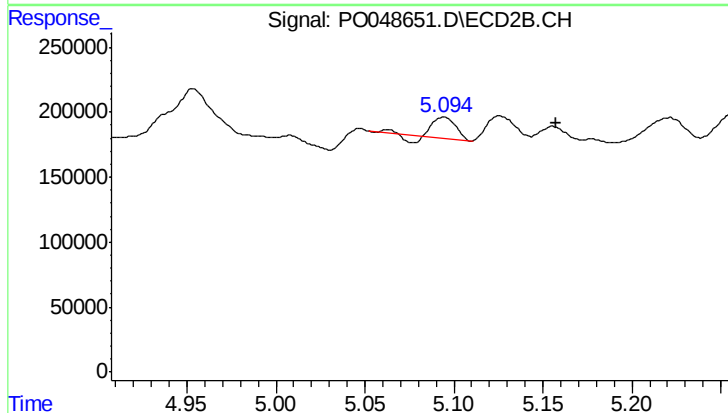
R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 344845
Conc: 42.05 ng/ml



#7 AR-1016-5

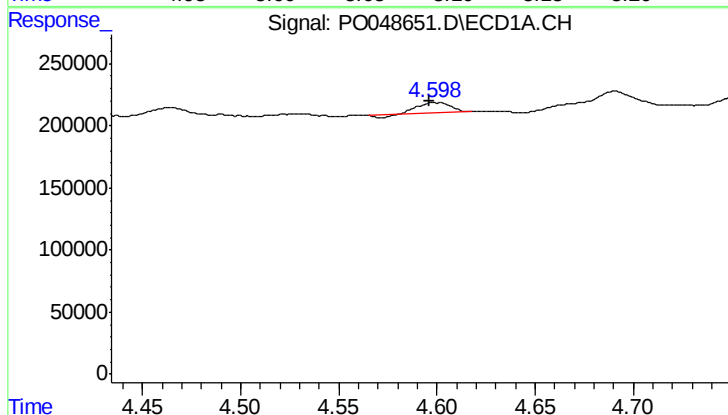
R.T.: 6.087 min
Delta R.T.: 0.055 min
Response: 225529
Conc: 45.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



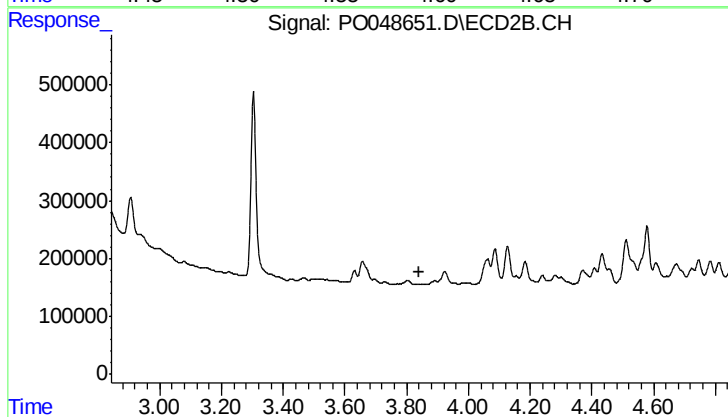
#7 AR-1016-5

R.T.: 5.094 min
Delta R.T.: -0.063 min
Response: 123264
Conc: 16.68 ng/ml



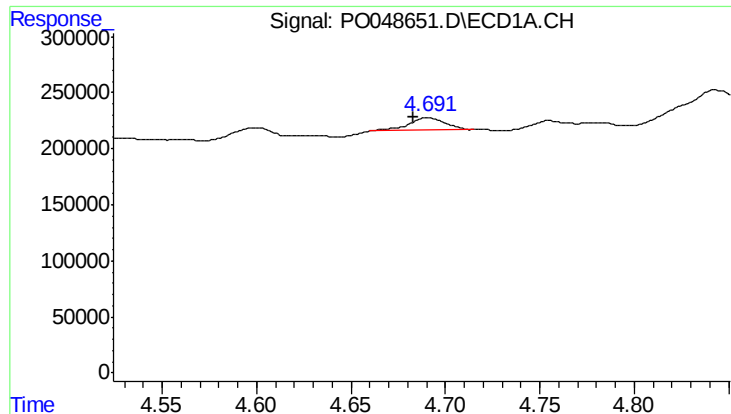
#8 AR-1221-1

R.T.: 4.599 min
Delta R.T.: 0.002 min
Response: 93511
Conc: 44.48 ng/ml



#8 AR-1221-1

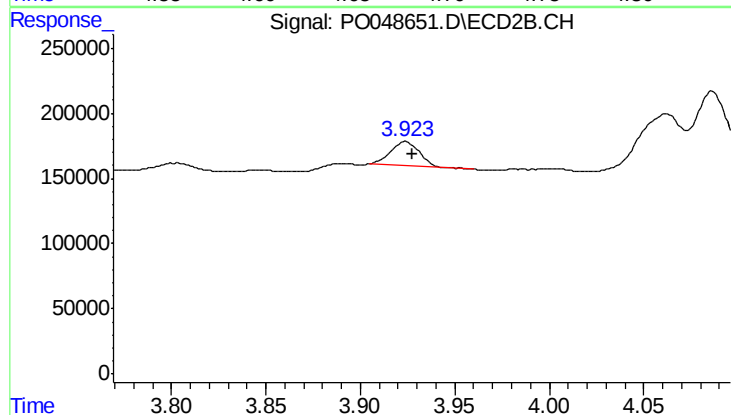
R.T.: 0.000 min
Exp R.T.: 3.843 min
Response: 0
Conc: N.D.



#9 AR-1221-2

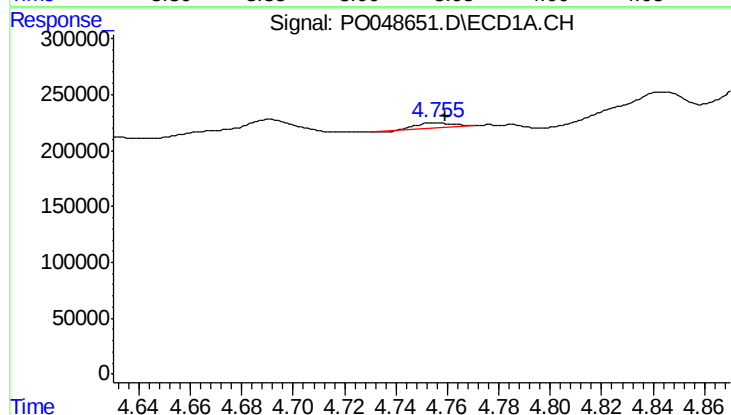
R.T.: 4.691 min
Delta R.T.: 0.008 min
Response: 156475
Conc: 103.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



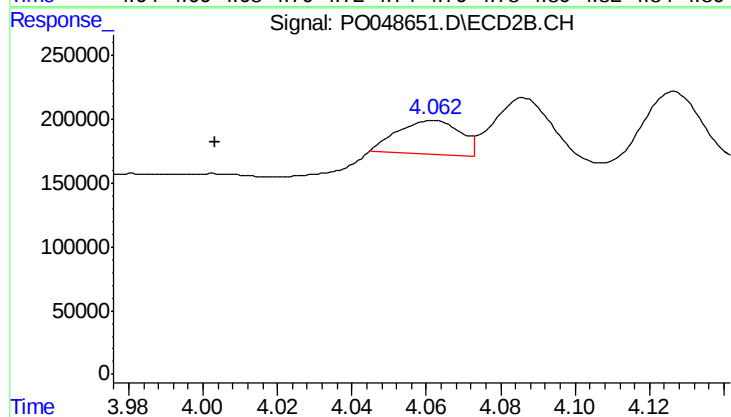
#9 AR-1221-2

R.T.: 3.924 min
Delta R.T.: -0.004 min
Response: 195968
Conc: 101.86 ng/ml



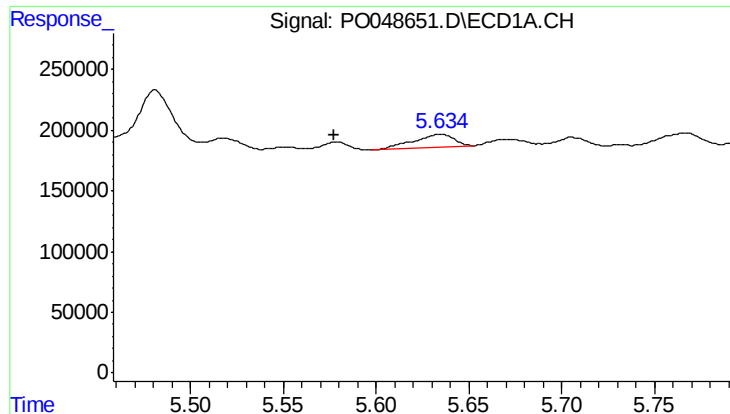
#10 AR-1221-3

R.T.: 4.755 min
Delta R.T.: -0.005 min
Response: 49034
Conc: 9.88 ng/ml



#10 AR-1221-3

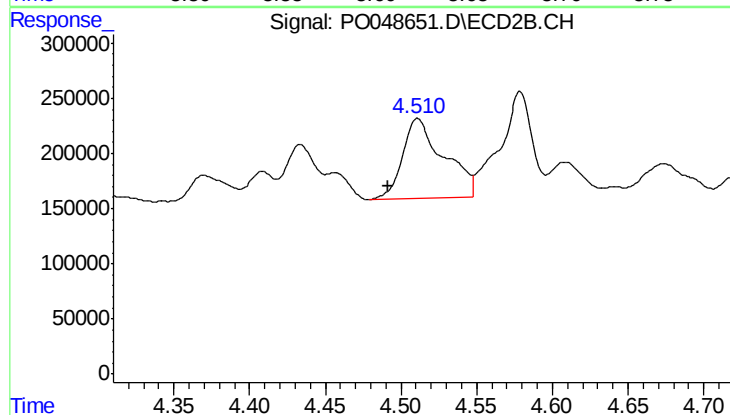
R.T.: 4.062 min
Delta R.T.: 0.059 min
Response: 315051
Conc: 50.53 ng/ml



#11 AR-1232-1

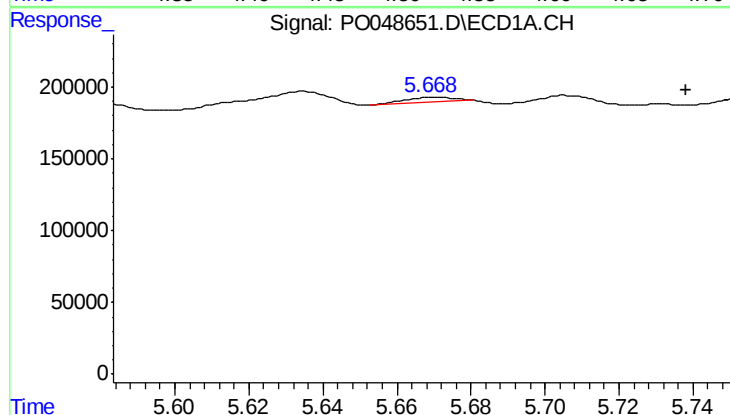
R.T.: 5.635 min
Delta R.T.: 0.057 min
Response: 161982
Conc: 36.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



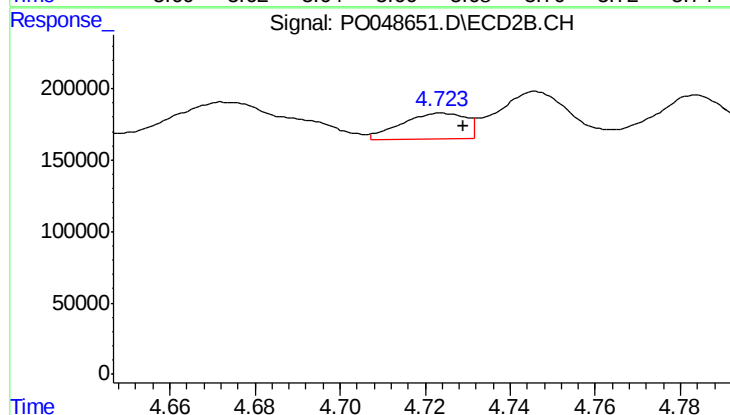
#11 AR-1232-1

R.T.: 4.511 min
Delta R.T.: 0.019 min
Response: 1385876
Conc: 474.86 ng/ml



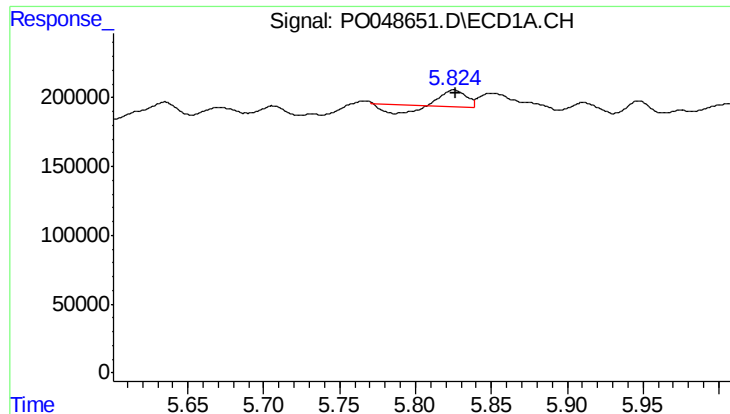
#12 AR-1232-2

R.T.: 5.671 min
Delta R.T.: -0.068 min
Response: 31374
Conc: 13.81 ng/ml



#12 AR-1232-2

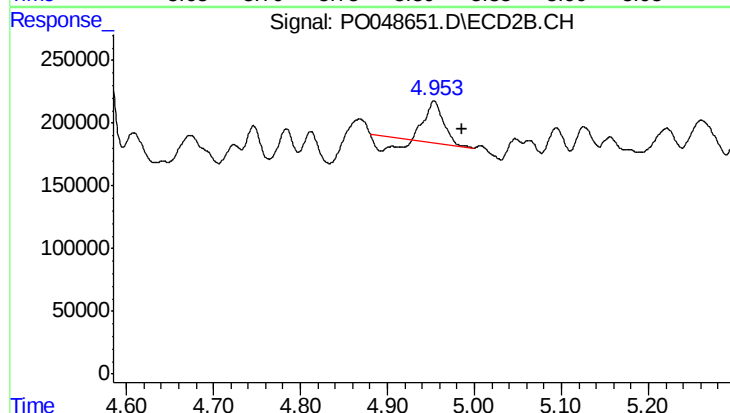
R.T.: 4.724 min
Delta R.T.: -0.005 min
Response: 186925
Conc: 31.22 ng/ml



#13 AR-1232-3

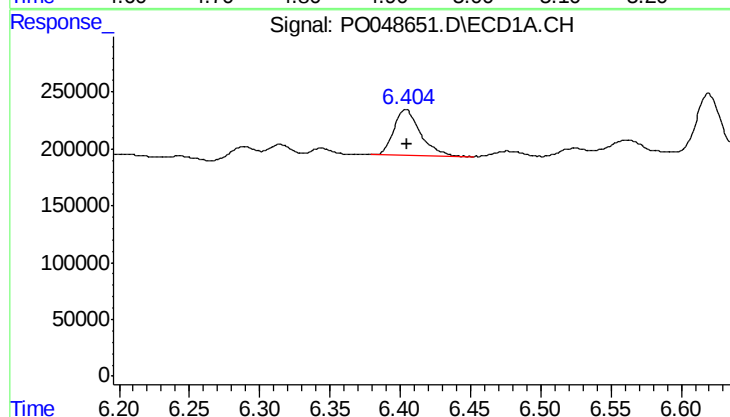
R.T.: 5.825 min
Delta R.T.: -0.001 min
Response: 66032
Conc: 39.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



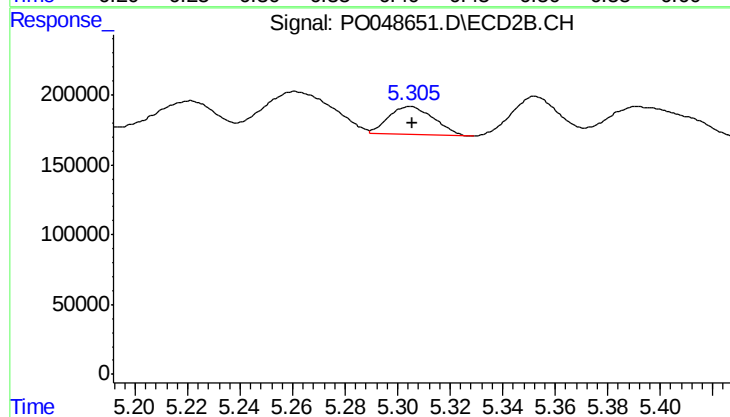
#13 AR-1232-3

R.T.: 4.954 min
Delta R.T.: -0.032 min
Response: 304025
Conc: 115.68 ng/ml



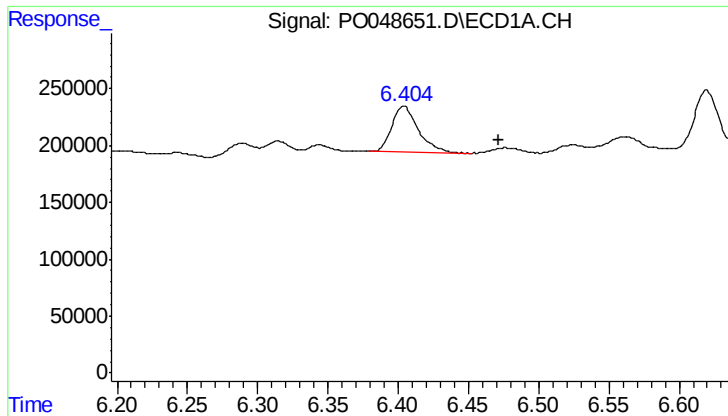
#14 AR-1232-4

R.T.: 6.404 min
Delta R.T.: -0.001 min
Response: 528998
Conc: 326.60 ng/ml



#14 AR-1232-4

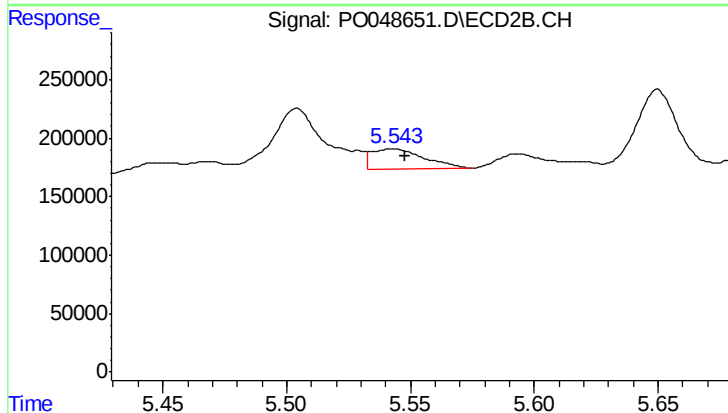
R.T.: 5.305 min
Delta R.T.: 0.000 min
Response: 242345
Conc: 87.36 ng/ml



#15 AR-1232-5

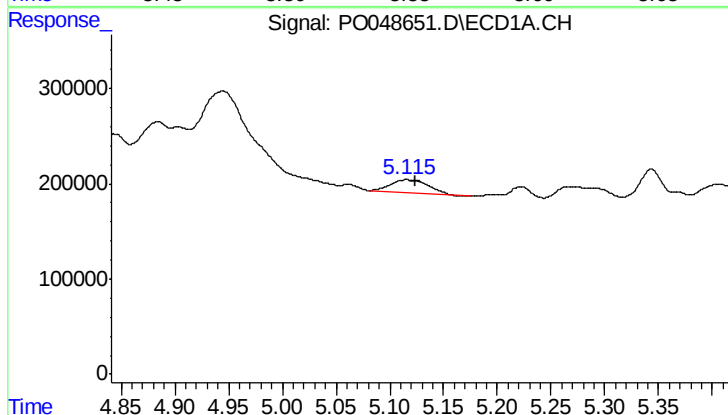
R.T.: 6.404 min
Delta R.T.: -0.067 min
Response: 528998
Conc: 224.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



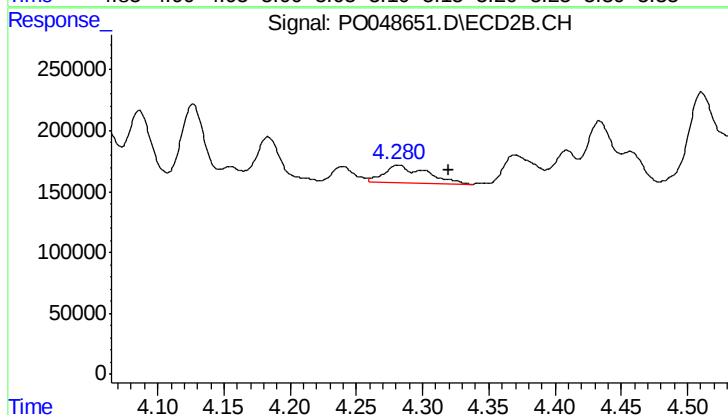
#15 AR-1232-5

R.T.: 5.543 min
Delta R.T.: -0.005 min
Response: 250124
Conc: 81.26 ng/ml



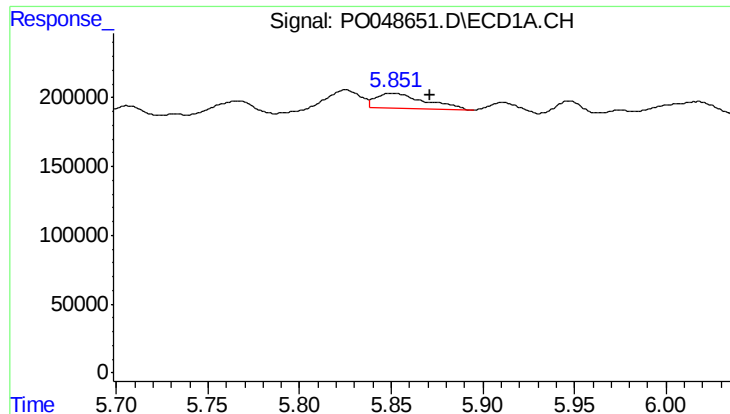
#16 AR-1242-1

R.T.: 5.116 min
Delta R.T.: -0.009 min
Response: 340573
Conc: 142.17 ng/ml



#16 AR-1242-1

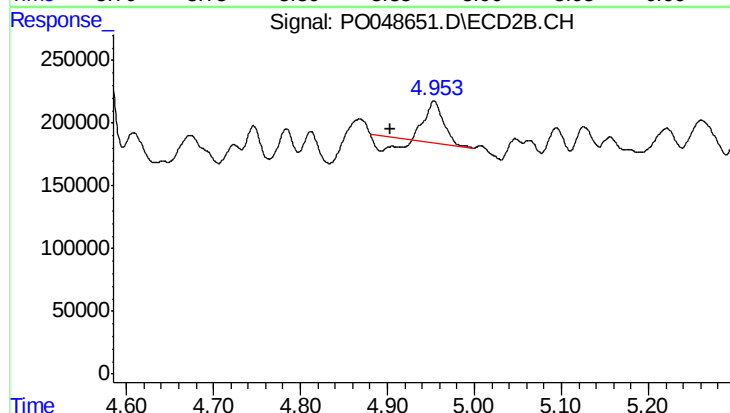
R.T.: 4.282 min
Delta R.T.: -0.038 min
Response: 313826
Conc: 89.74 ng/ml



#17 AR-1242-2

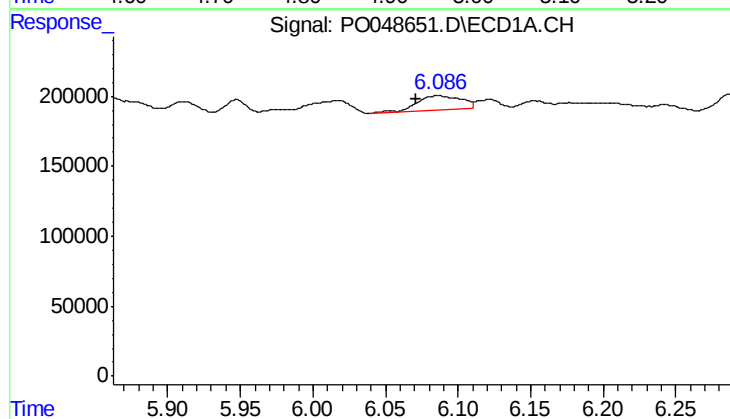
R.T.: 5.851 min
Delta R.T.: -0.021 min
Response: 195417
Conc: 53.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



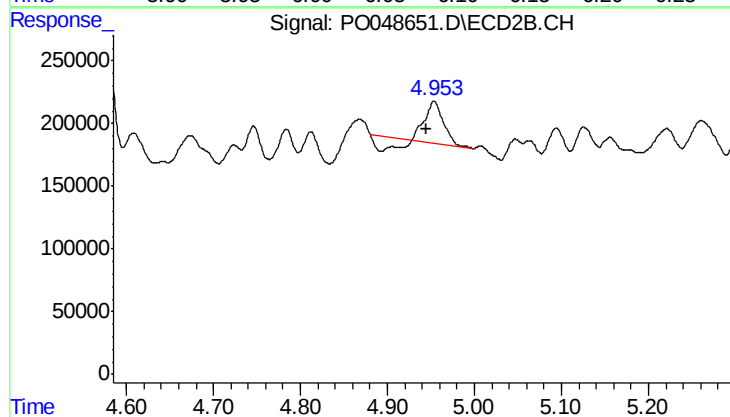
#17 AR-1242-2

R.T.: 4.954 min
Delta R.T.: 0.049 min
Response: 304025
Conc: 55.58 ng/ml



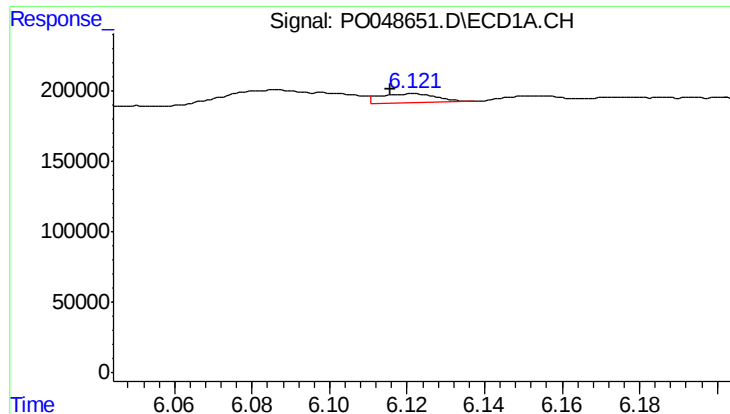
#18 AR-1242-3

R.T.: 6.087 min
Delta R.T.: 0.016 min
Response: 225529
Conc: 130.70 ng/ml



#18 AR-1242-3

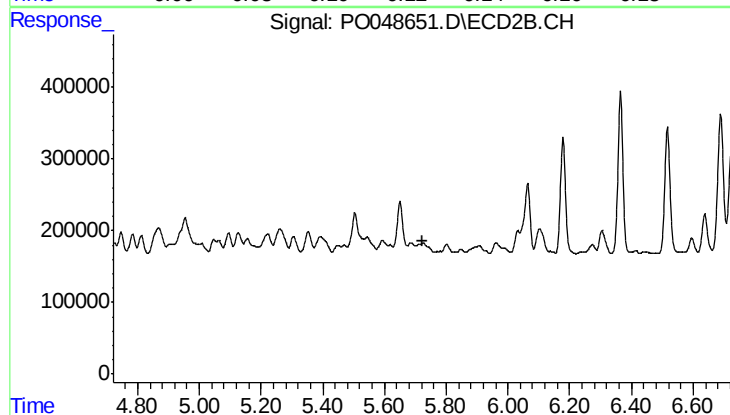
R.T.: 4.954 min
Delta R.T.: 0.009 min
Response: 304025
Conc: 72.45 ng/ml



#19 AR-1242-4

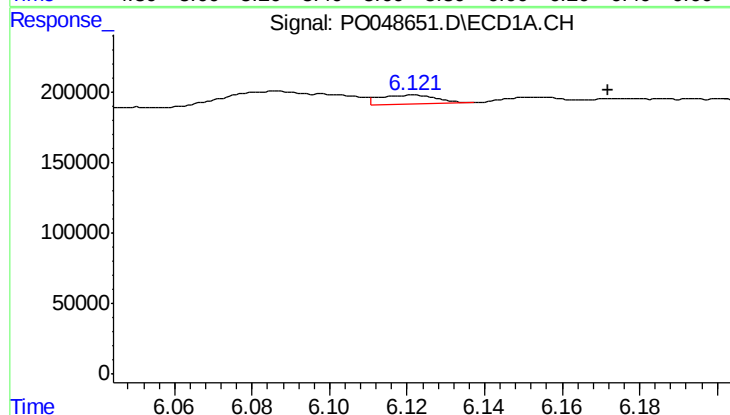
R.T.: 6.122 min
Delta R.T.: 0.006 min
Response: 65047
Conc: 50.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



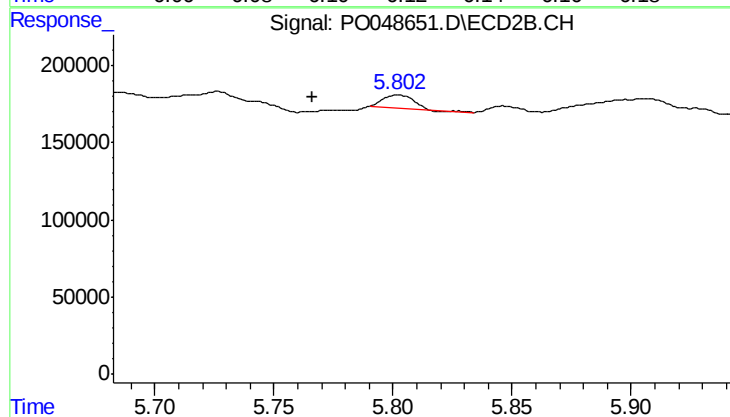
#19 AR-1242-4

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



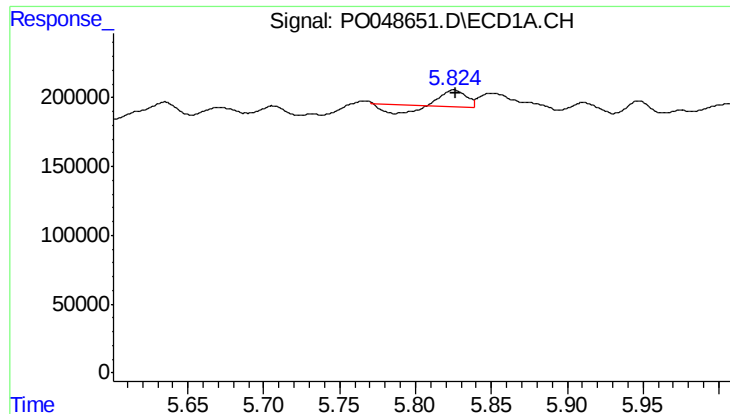
#20 AR-1242-5

R.T.: 6.122 min
Delta R.T.: -0.050 min
Response: 65047
Conc: 14.56 ng/ml



#20 AR-1242-5

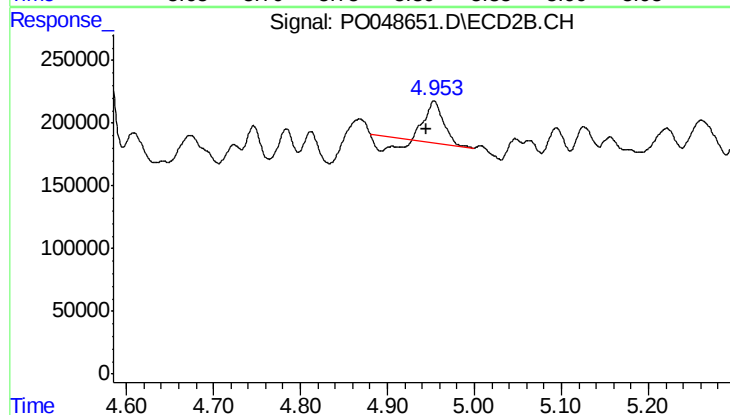
R.T.: 5.802 min
Delta R.T.: 0.036 min
Response: 70282
Conc: 19.12 ng/ml



#21 AR-1248-1

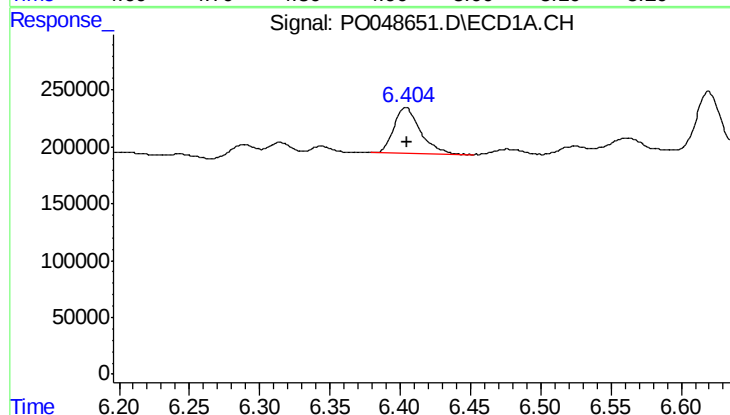
R.T.: 5.825 min
Delta R.T.: -0.002 min
Response: 66032
Conc: 11.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



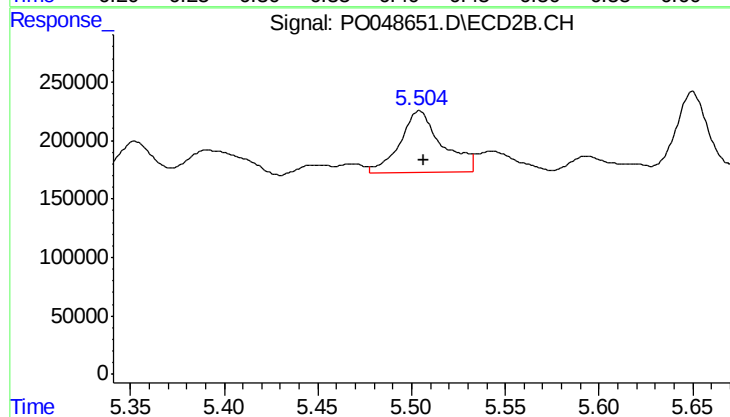
#21 AR-1248-1

R.T.: 4.954 min
Delta R.T.: 0.009 min
Response: 304025
Conc: 40.12 ng/ml



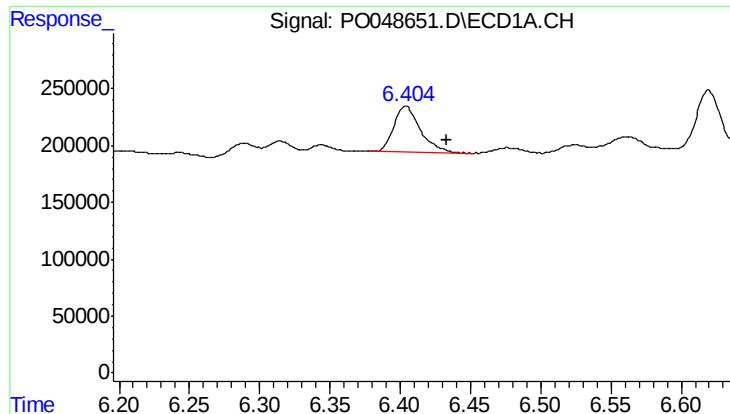
#22 AR-1248-2

R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 528998
Conc: 91.01 ng/ml



#22 AR-1248-2

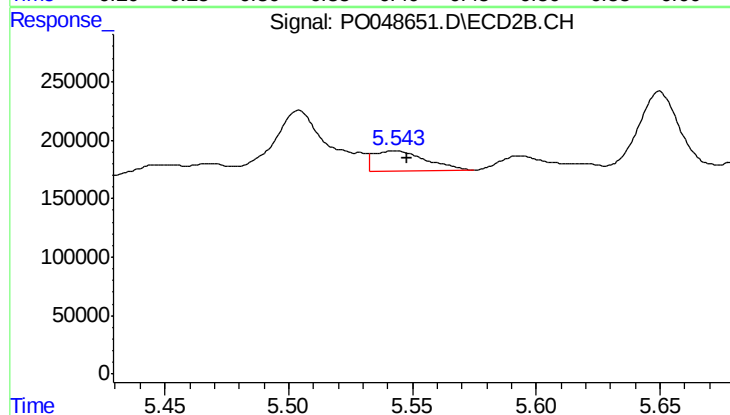
R.T.: 5.504 min
Delta R.T.: -0.003 min
Response: 820084
Conc: 62.29 ng/ml



#23 AR-1248-3

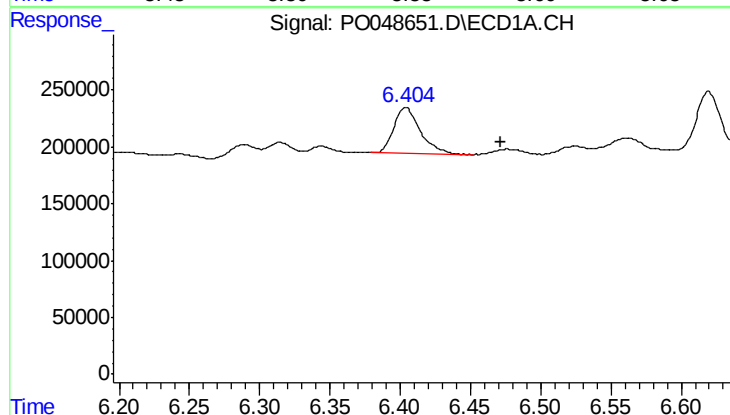
R.T.: 6.404 min
Delta R.T.: -0.029 min
Response: 528998
Conc: 68.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



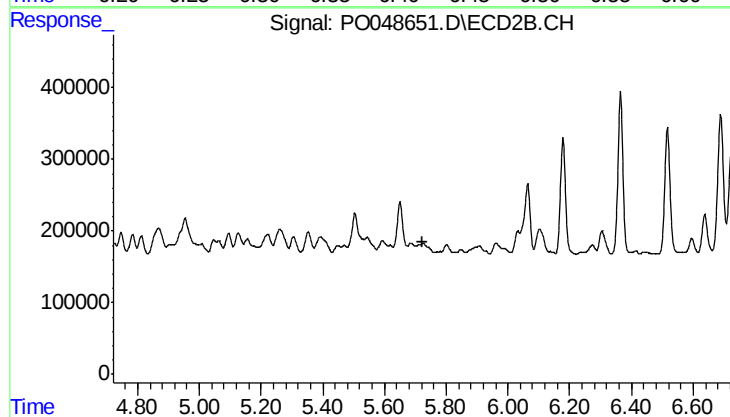
#23 AR-1248-3

R.T.: 5.543 min
Delta R.T.: -0.005 min
Response: 250124
Conc: 27.42 ng/ml



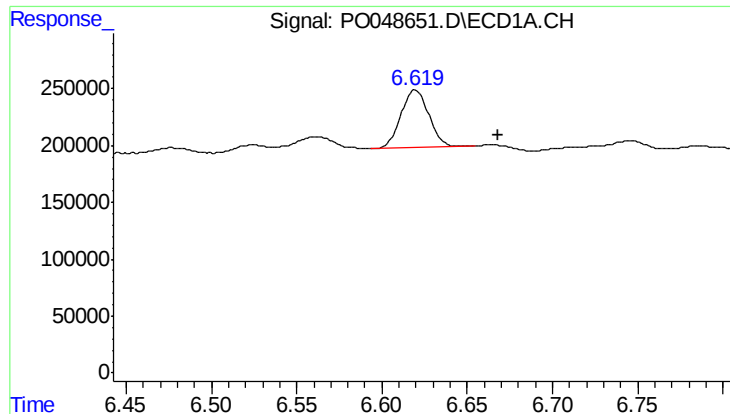
#24 AR-1248-4

R.T.: 6.404 min
Delta R.T.: -0.067 min
Response: 528998
Conc: 72.22 ng/ml



#24 AR-1248-4

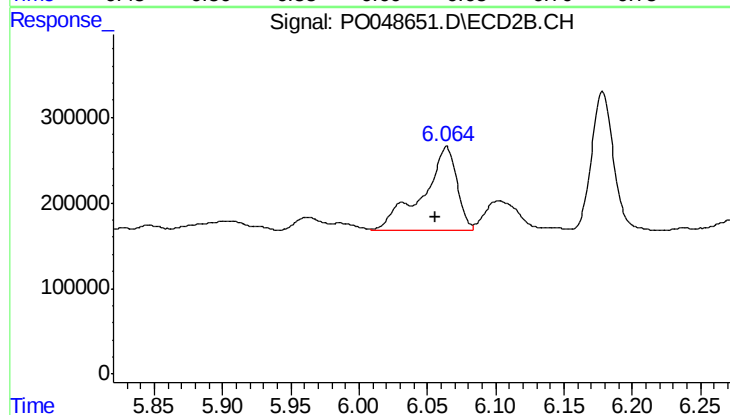
R.T.: 0.000 min
Exp R.T.: 5.721 min
Response: 0
Conc: N.D.



#25 AR-1248-5

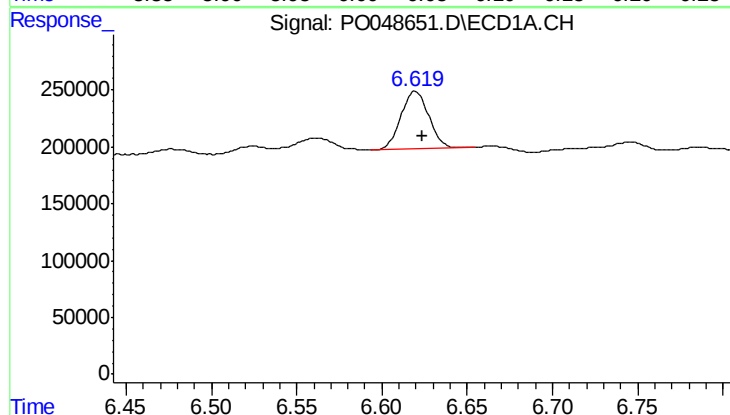
R.T.: 6.620 min
Delta R.T.: -0.049 min
Response: 577175
Conc: 119.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



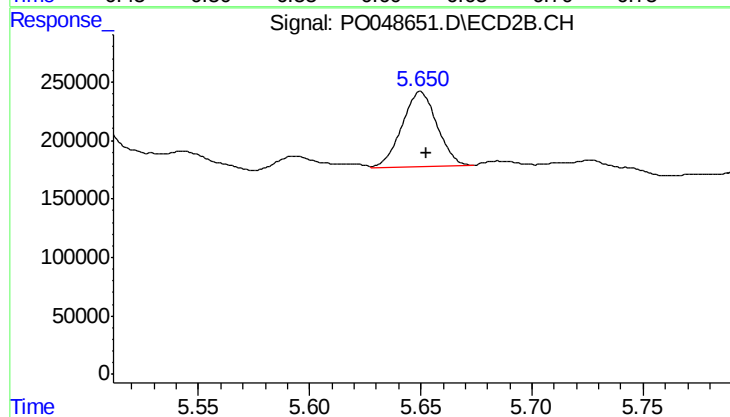
#25 AR-1248-5

R.T.: 6.064 min
Delta R.T.: 0.009 min
Response: 1716722
Conc: 286.40 ng/ml



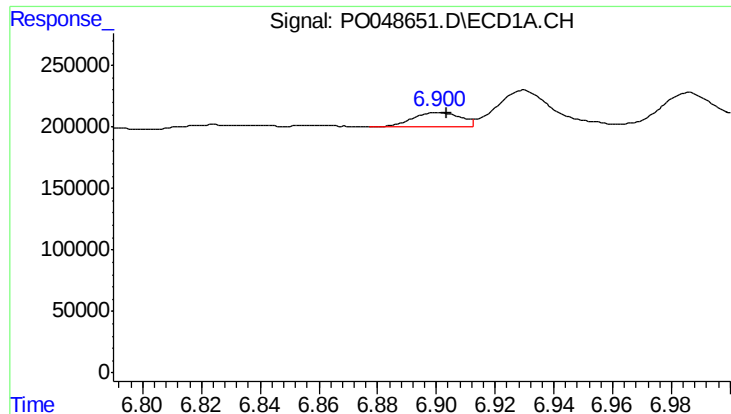
#26 AR-1254-1

R.T.: 6.620 min
Delta R.T.: -0.004 min
Response: 577175
Conc: 42.52 ng/ml



#26 AR-1254-1

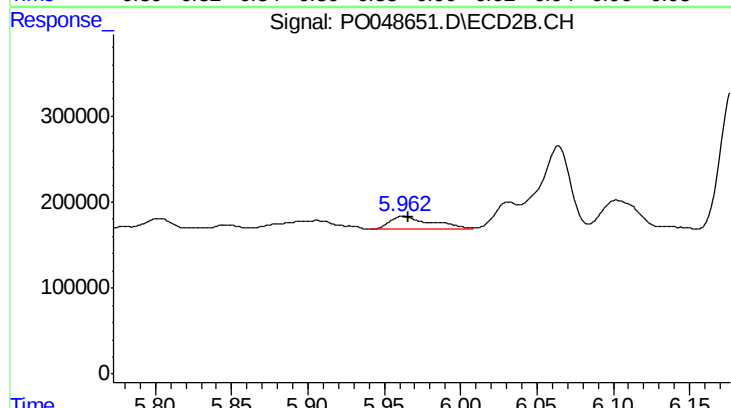
R.T.: 5.650 min
Delta R.T.: -0.003 min
Response: 694951
Conc: 48.30 ng/ml



#27 AR-1254-2

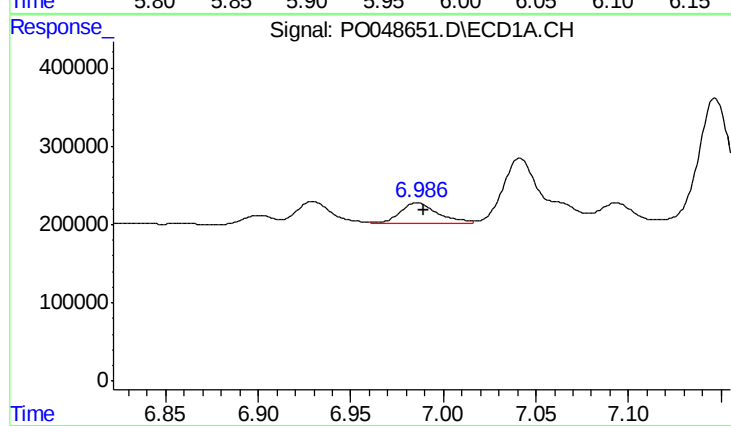
R.T.: 6.900 min
Delta R.T.: -0.003 min
Response: 126121
Conc: 15.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



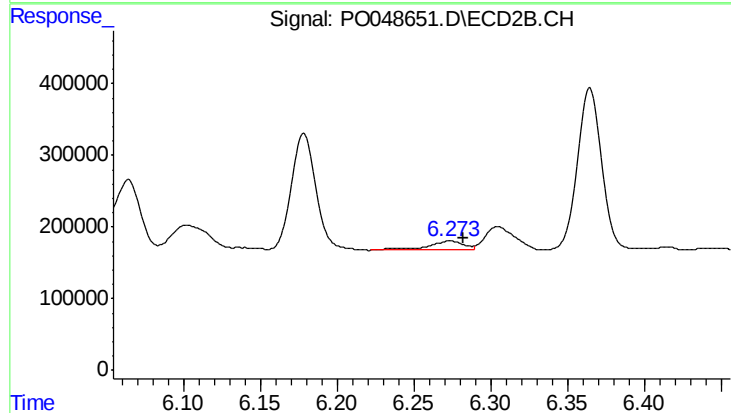
#27 AR-1254-2

R.T.: 5.962 min
Delta R.T.: -0.004 min
Response: 302675
Conc: 26.13 ng/ml



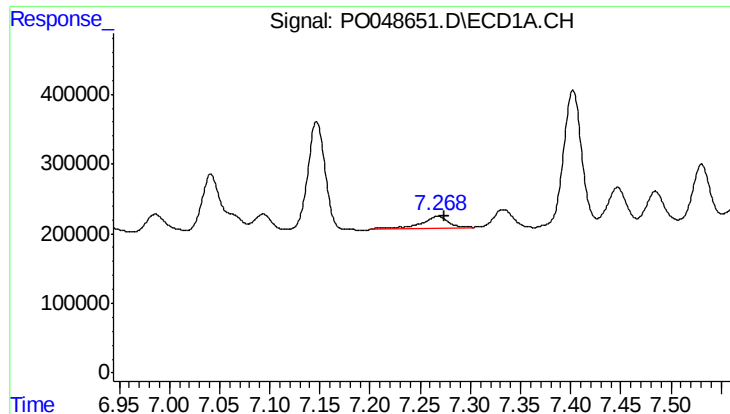
#28 AR-1254-3

R.T.: 6.986 min
Delta R.T.: -0.004 min
Response: 370673
Conc: 25.83 ng/ml



#28 AR-1254-3

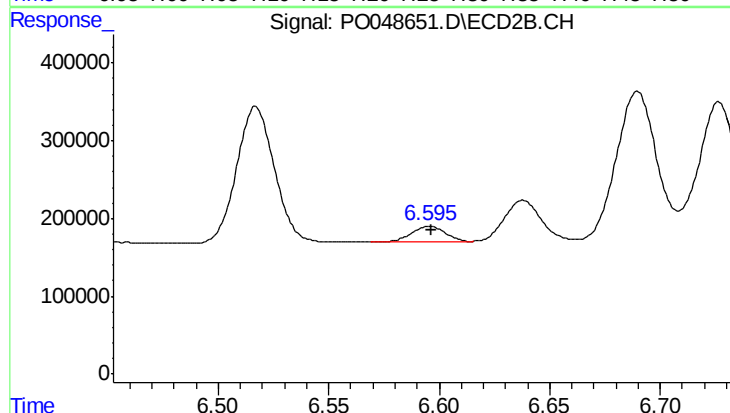
R.T.: 6.274 min
Delta R.T.: -0.009 min
Response: 212517
Conc: 14.51 ng/ml



#29 AR-1254-4

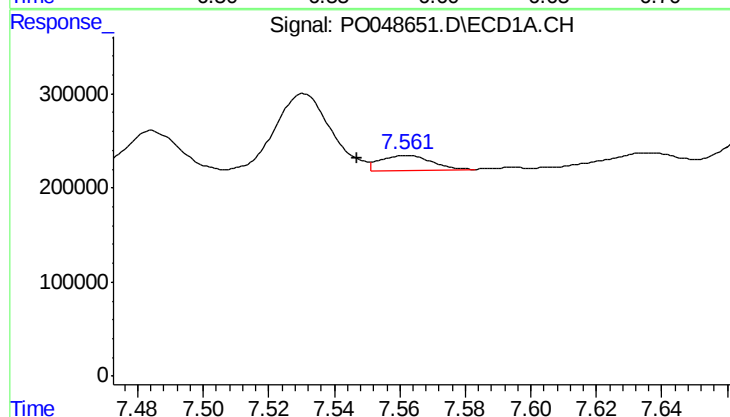
R.T.: 7.268 min
Delta R.T.: -0.006 min
Response: 358641
Conc: 32.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



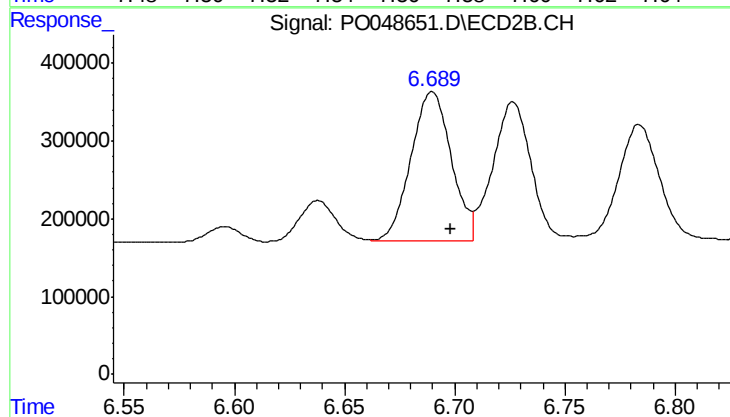
#29 AR-1254-4

R.T.: 6.596 min
Delta R.T.: 0.000 min
Response: 212929
Conc: 21.64 ng/ml



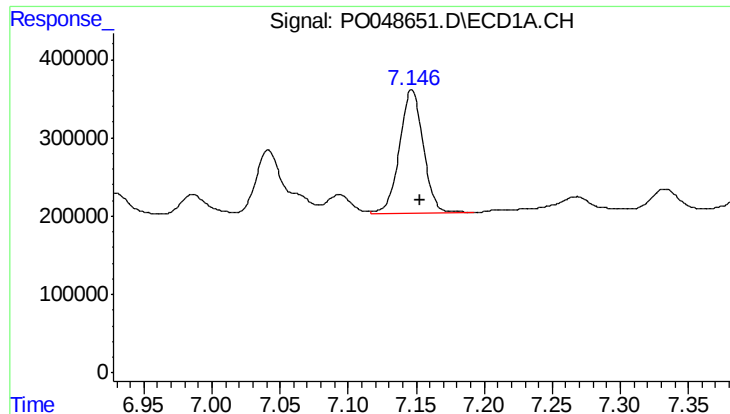
#30 AR-1254-5

R.T.: 7.562 min
Delta R.T.: 0.015 min
Response: 181272
Conc: 22.24 ng/ml



#30 AR-1254-5

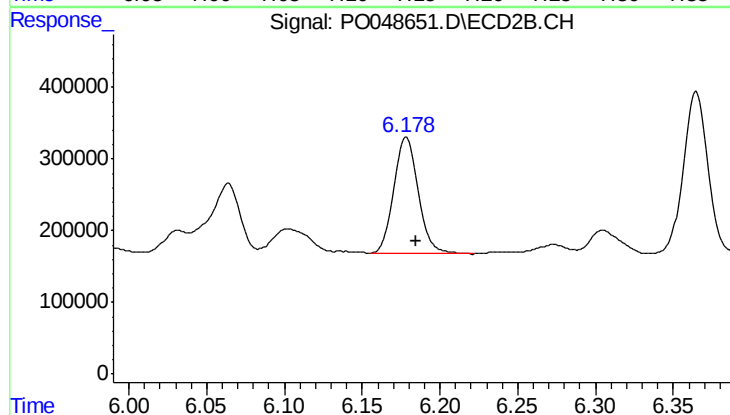
R.T.: 6.690 min
Delta R.T.: -0.008 min
Response: 2448795
Conc: 125.66 ng/ml



#31 AR-1260-1

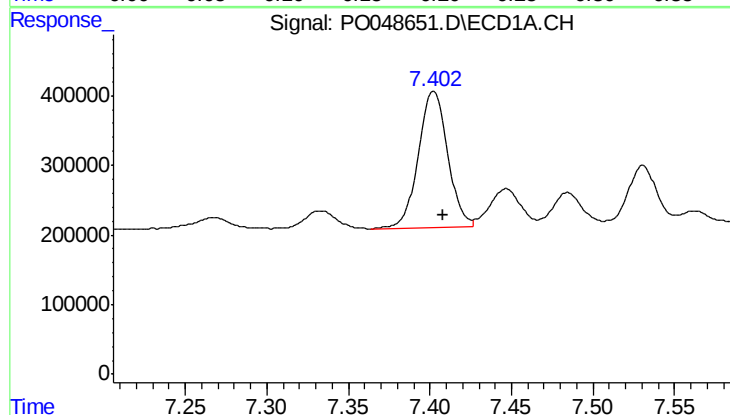
R.T.: 7.147 min
Delta R.T.: -0.006 min
Response: 1911627
Conc: 191.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



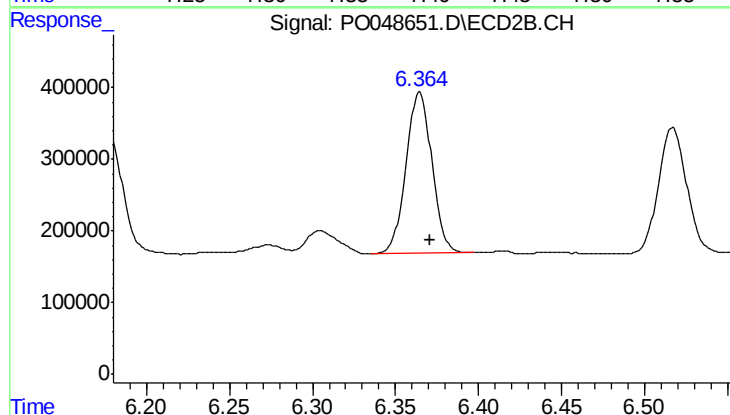
#31 AR-1260-1

R.T.: 6.178 min
Delta R.T.: -0.006 min
Response: 1813592
Conc: 130.96 ng/ml



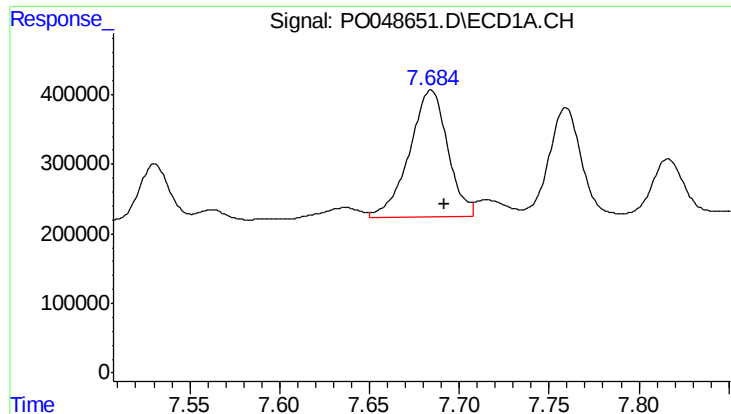
#32 AR-1260-2

R.T.: 7.402 min
Delta R.T.: -0.006 min
Response: 2448741
Conc: 204.42 ng/ml



#32 AR-1260-2

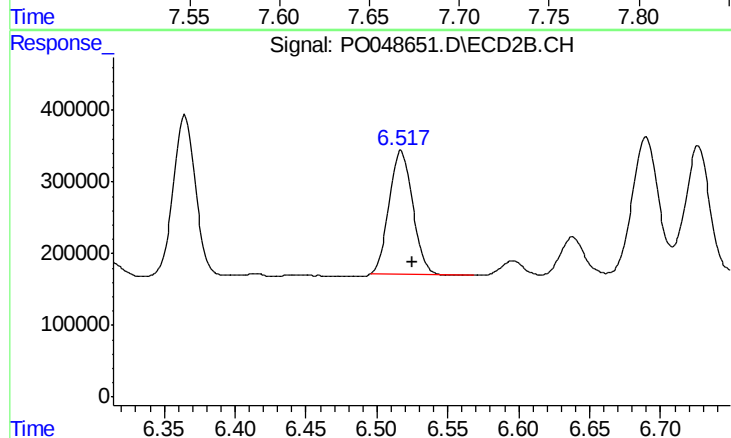
R.T.: 6.364 min
Delta R.T.: -0.007 min
Response: 2450055
Conc: 139.66 ng/ml



#33 AR-1260-3

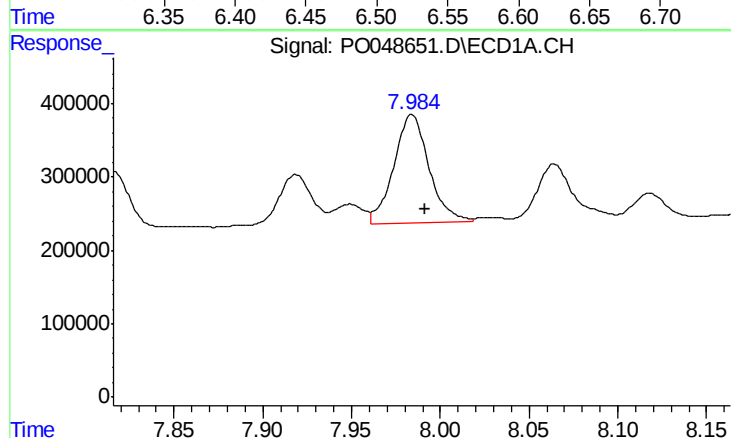
R.T.: 7.684 min
Delta R.T.: -0.007 min
Response: 2720909
Conc: 198.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



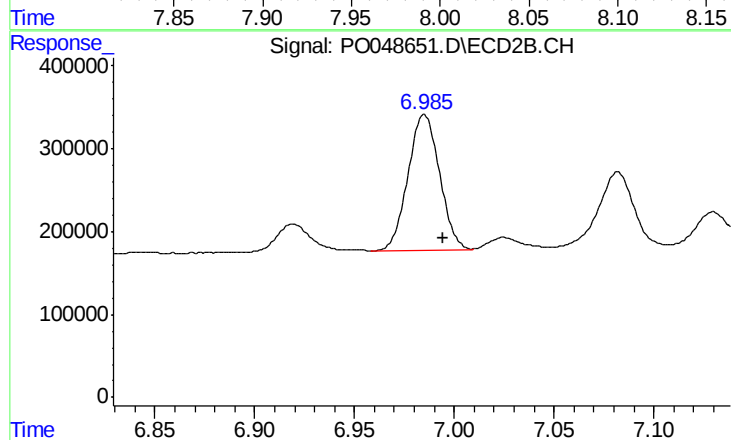
#33 AR-1260-3

R.T.: 6.517 min
Delta R.T.: -0.008 min
Response: 2016629
Conc: 131.52 ng/ml



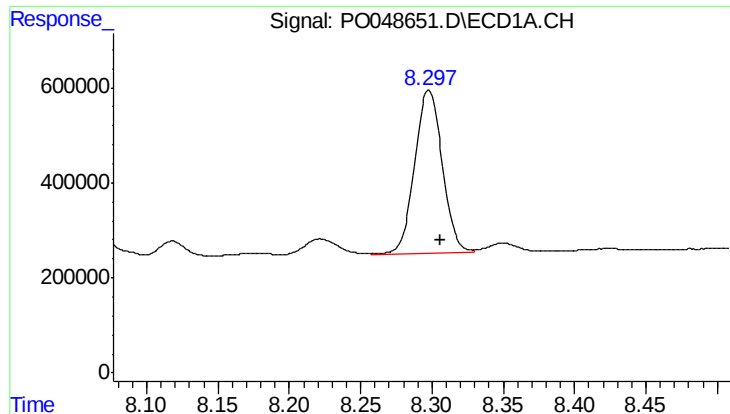
#34 AR-1260-4

R.T.: 7.984 min
Delta R.T.: -0.008 min
Response: 2042869
Conc: 206.34 ng/ml



#34 AR-1260-4

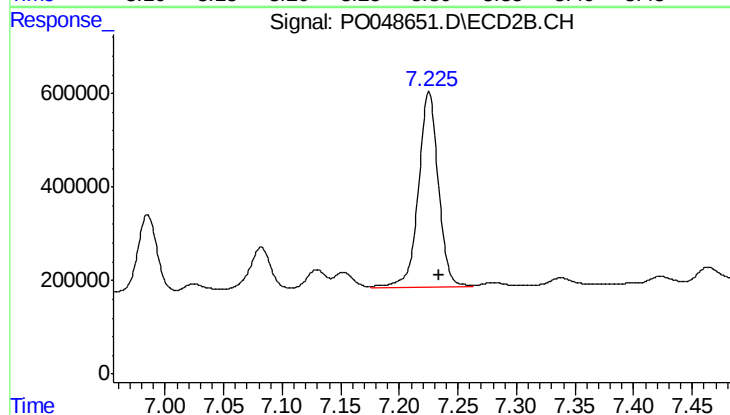
R.T.: 6.985 min
Delta R.T.: -0.009 min
Response: 1794773
Conc: 154.19 ng/ml



#35 AR-1260-5

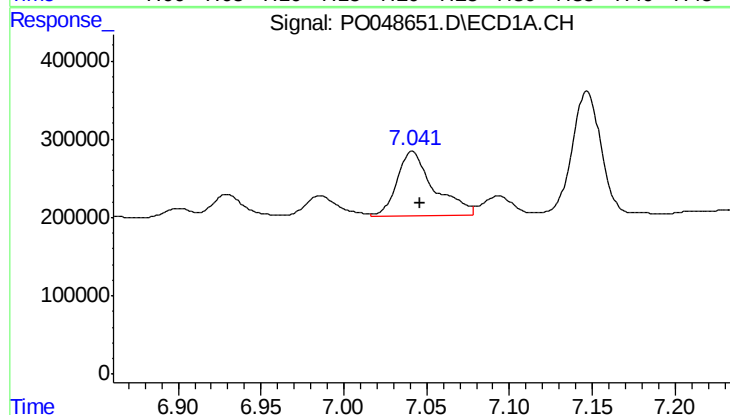
R.T.: 8.298 min
Delta R.T.: -0.008 min
Response: 4626468
Conc: 242.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



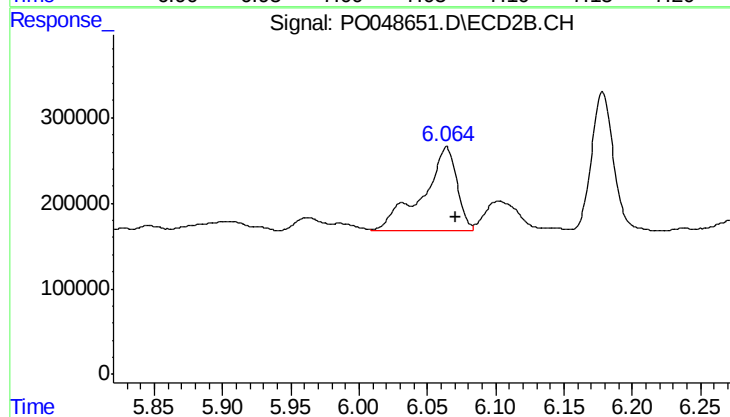
#35 AR-1260-5

R.T.: 7.225 min
Delta R.T.: -0.009 min
Response: 4941561
Conc: 182.49 ng/ml



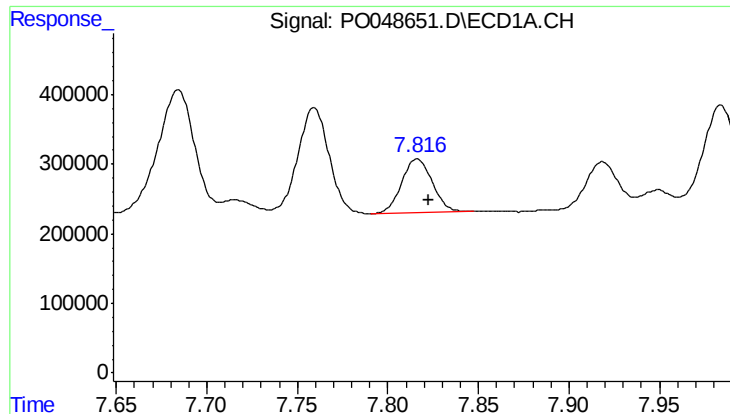
#36 AR-1262-1

R.T.: 7.041 min
Delta R.T.: -0.005 min
Response: 1272854
Conc: 162.98 ng/ml



#36 AR-1262-1

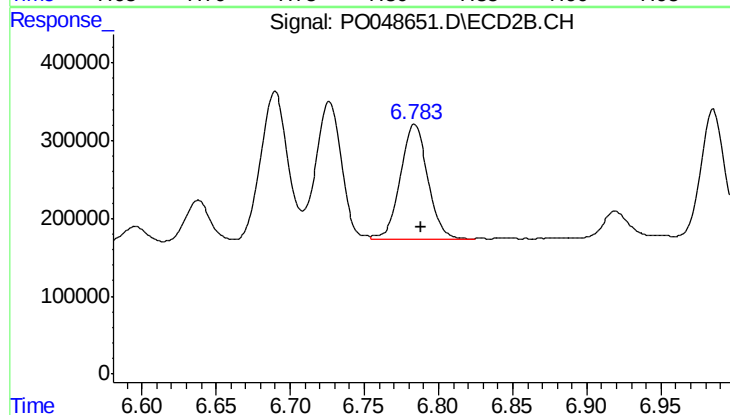
R.T.: 6.064 min
Delta R.T.: -0.007 min
Response: 1716722
Conc: 161.50 ng/ml



#37 AR-1262-2

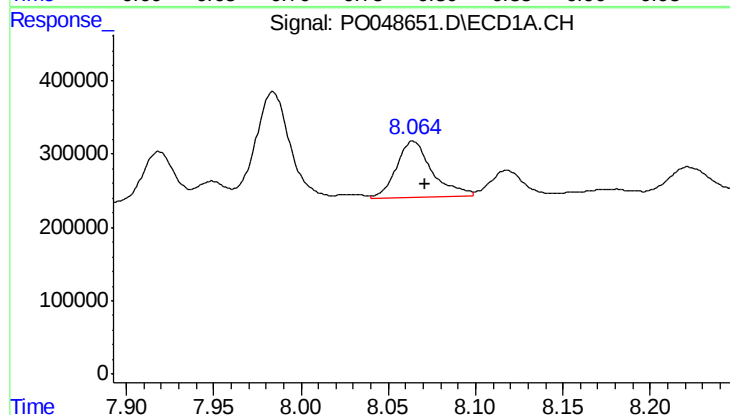
R.T.: 7.816 min
Delta R.T.: -0.007 min
Response: 910986
Conc: 141.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



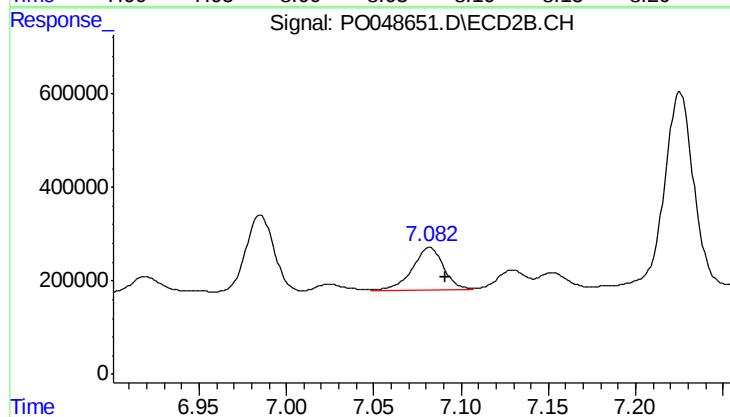
#37 AR-1262-2

R.T.: 6.784 min
Delta R.T.: -0.004 min
Response: 1912812
Conc: 200.10 ng/ml



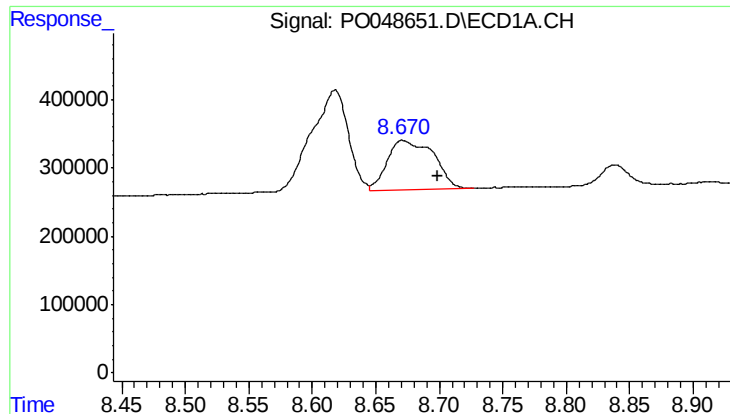
#38 AR-1262-3

R.T.: 8.064 min
Delta R.T.: -0.007 min
Response: 1088933
Conc: 157.71 ng/ml



#38 AR-1262-3

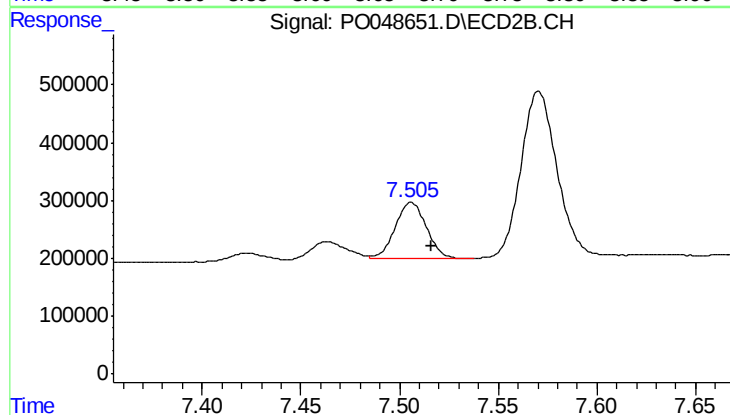
R.T.: 7.082 min
Delta R.T.: -0.009 min
Response: 1115126
Conc: 118.11 ng/ml



#39 AR-1262-4

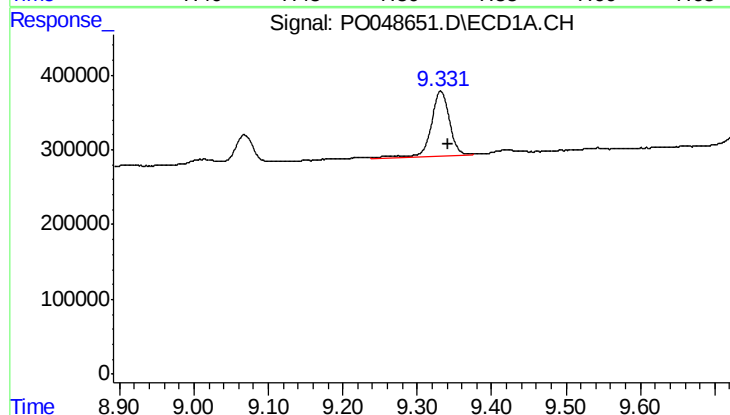
R.T.: 8.671 min
Delta R.T.: -0.028 min
Response: 1818849
Conc: 133.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



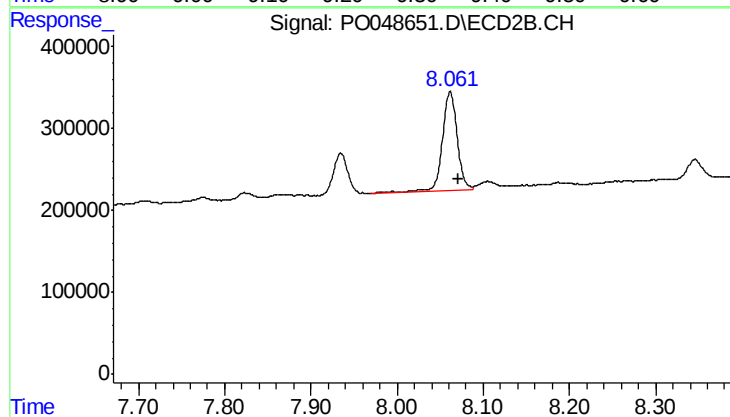
#39 AR-1262-4

R.T.: 7.506 min
Delta R.T.: -0.010 min
Response: 1078118
Conc: 80.12 ng/ml



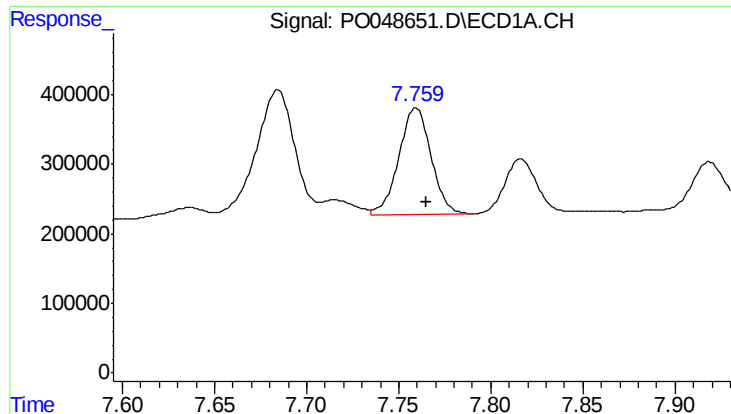
#40 AR-1262-5

R.T.: 9.332 min
Delta R.T.: -0.010 min
Response: 1469992
Conc: 158.98 ng/ml



#40 AR-1262-5

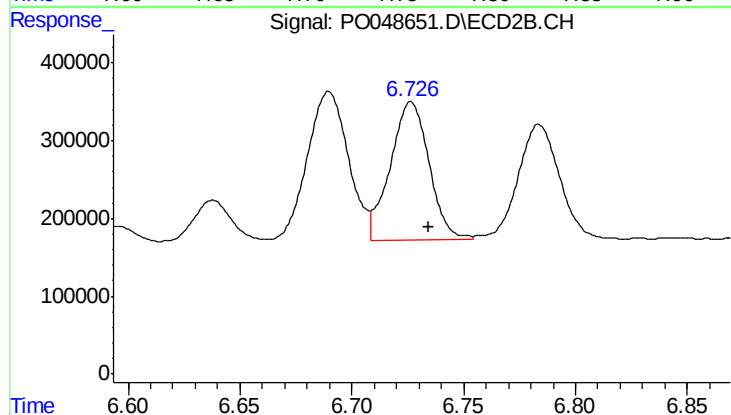
R.T.: 8.062 min
Delta R.T.: -0.010 min
Response: 1447424
Conc: 140.53 ng/ml



#41 AR-1268-1

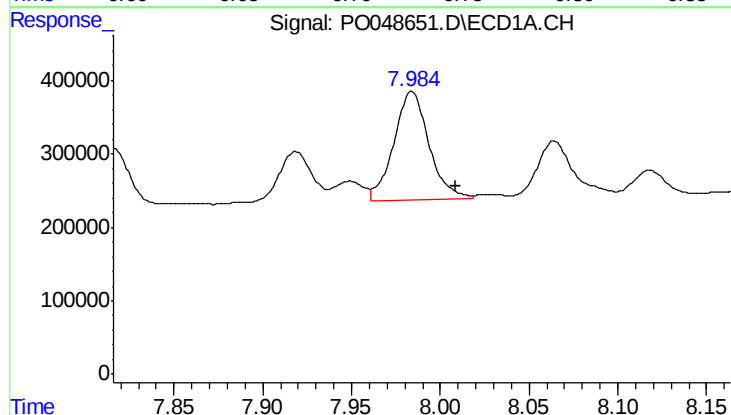
R.T.: 7.759 min
Delta R.T.: -0.006 min
Response: 1877265
Conc: 353.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



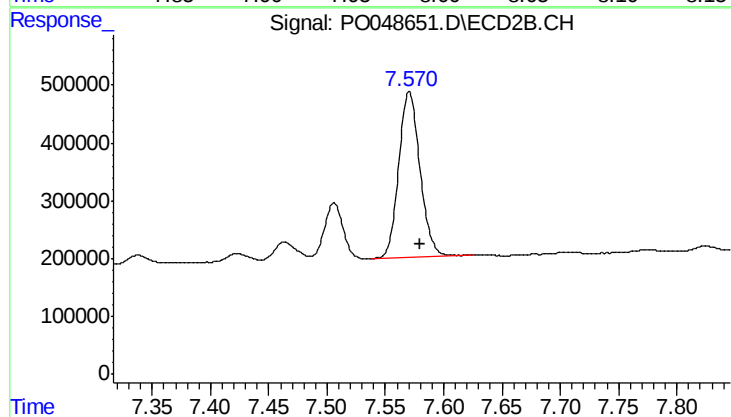
#41 AR-1268-1

R.T.: 6.727 min
Delta R.T.: -0.008 min
Response: 2159085
Conc: 279.13 ng/ml



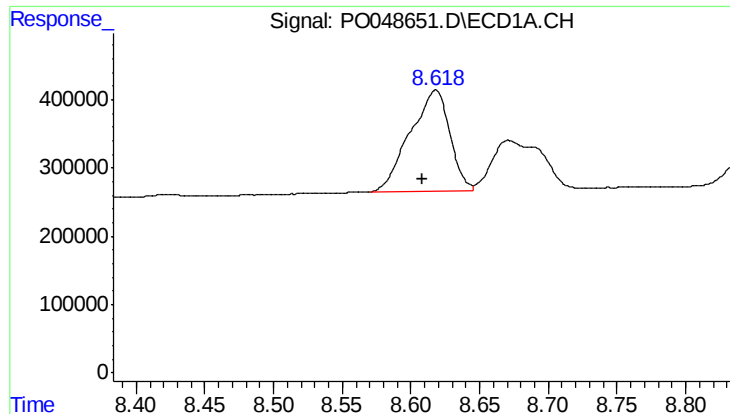
#42 AR-1268-2

R.T.: 7.984 min
Delta R.T.: -0.024 min
Response: 2042869
Conc: 299.16 ng/ml



#42 AR-1268-2

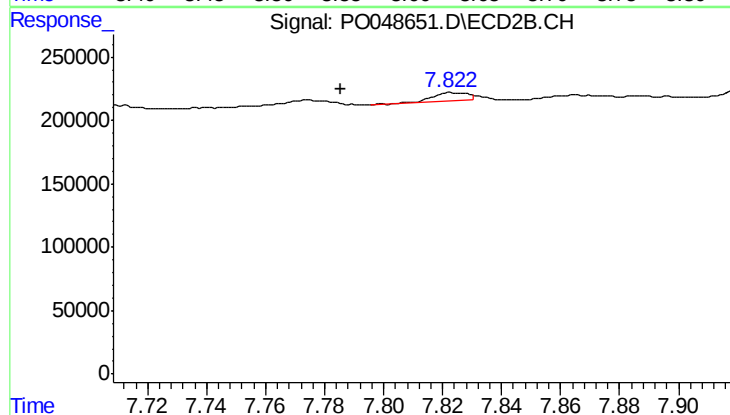
R.T.: 7.570 min
Delta R.T.: -0.010 min
Response: 3619027
Conc: 119.90 ng/ml



#43 AR-1268-3

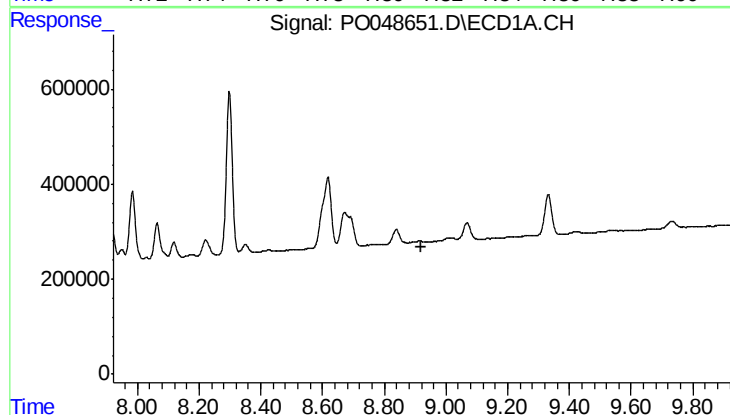
R.T.: 8.618 min
Delta R.T.: 0.010 min
Response: 2970392
Conc: 115.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



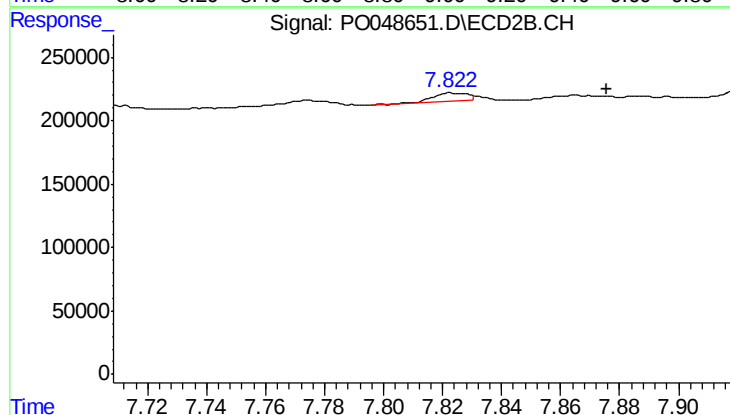
#43 AR-1268-3

R.T.: 7.824 min
Delta R.T.: 0.039 min
Response: 54836
Conc: 2.21 ng/ml



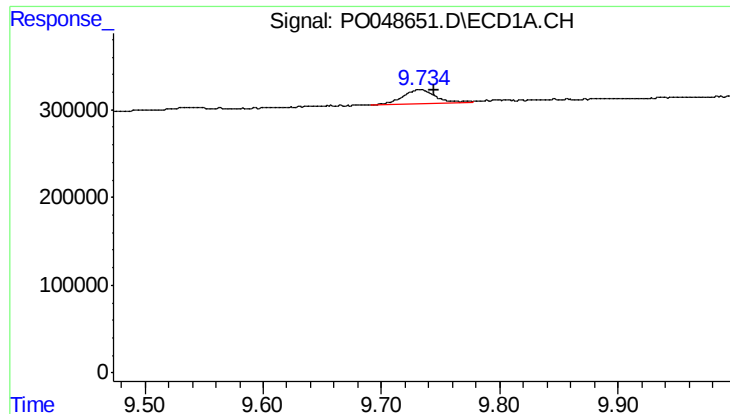
#44 AR-1268-4

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



#44 AR-1268-4

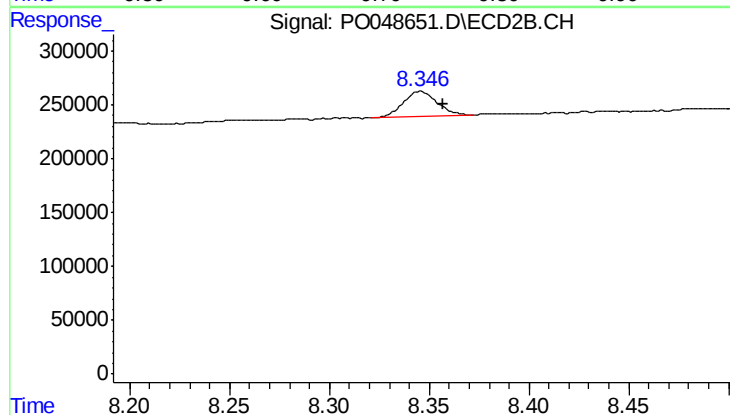
R.T.: 7.824 min
Delta R.T.: -0.052 min
Response: 54836
Conc: 8.38 ng/ml



#45 AR-1268-5

R.T.: 9.733 min
Delta R.T.: -0.011 min
Response: 284622
Conc: 4.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.346 min
Delta R.T.: -0.011 min
Response: 275887
Conc: 4.43 ng/ml