

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0082018\
 Data File : P0048332.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Aug 2018 2:28
 Operator : SM/SJ
 Sample : J4535-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 RA-081618-FL-036

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 02:03:05 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0072718.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 27 02:33:29 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...	4.385	3.628	5842763	7670315	28.939	31.216
2) SA Decachlor...	10.070	8.607	3202381	3015888	19.634	19.186
Target Compounds						
3) L1 AR-1016-1	5.282	0.000	45320	0	9.488	N.D. #
4) L1 AR-1016-2	5.629	4.944	6453	254292	1.096	48.432 #
5) L1 AR-1016-3	5.761	4.944	11253	254292	2.269	57.914 #
6) L1 AR-1016-4	6.029	4.944	118922	254292	25.567	49.040 #
7) L1 AR-1016-5	6.170	0.000	61768	0	11.849	N.D. #
8) L2 AR-1221-1	4.587	0.000	10365	0	4.687	N.D. #
9) L2 AR-1221-2	4.691	0.000	76718	0	46.917	N.D. #
10) L2 AR-1221-3	4.770	0.000	8850	0	1.714	N.D. #
11) L3 AR-1232-1	5.127	0.000	22554	0	10.488	N.D. #
12) L3 AR-1232-2	5.629	0.000	6453	0	2.193	N.D. #
13) L3 AR-1232-3	5.629	0.000	6453	0	1.502	N.D. #
14) L3 AR-1232-4	5.629	0.000	6453	0	2.331	N.D. #
15) L3 AR-1232-5	5.761	4.944	11253	254292	5.039	142.085 #
16) L4 AR-1242-1	5.629	0.000	6453	0	0.878	N.D. #
17) L4 AR-1242-2	5.629	4.944	6453	254292	1.394	61.726 #
18) L4 AR-1242-3	5.761	4.944	11253	254292	2.929	60.635 #
19) L4 AR-1242-4	6.029	0.000	118922	0	30.935	N.D. #
20) L4 AR-1242-5	6.170	0.000	61768	0	14.430	N.D. #
21) L5 AR-1248-1	6.029	0.000	118922	0	19.018	N.D. #
22) L5 AR-1248-2	6.170	0.000	61768	0	11.339	N.D. #
23) L5 AR-1248-3	6.431	5.507	69900	678184	9.933	68.156 #
24) L5 AR-1248-4	6.474	5.596	102771	230774	15.309	32.929 #
25) L5 AR-1248-5	6.623	6.055	760880	1117493	107.504	234.483 #
26) L6 AR-1254-1	6.623	5.507	760880	678184	62.220	55.114
27) L6 AR-1254-2	6.903	5.653	407853	696851	54.688	66.942
28) L6 AR-1254-3	6.990	6.055	916995	1117493	70.314	64.389
29) L6 AR-1254-4	7.274	6.282	481426	556194	49.395	51.332
30) L6 AR-1254-5	7.543	6.596	346599	315020	46.915	41.192
31) L7 AR-1260-1	7.151	6.184	331010	556601	35.300	50.371 #
32) L7 AR-1260-2	7.406	6.369	443560	675691	39.777	50.394 #
33) L7 AR-1260-3	7.691	6.698	732345	1011483	56.921	69.576
34) L7 AR-1260-4	8.305	7.233	138896	335709	7.809	15.257 #
35) L7 AR-1260-5	8.626	0.000	197143	0	17.264	N.D. #
36) L8 AR-1262-1	7.151	6.369	331010	675691	39.955	59.595 #
37) L8 AR-1262-2	7.406	6.524	443560	453481	45.767	40.186
38) L8 AR-1262-3	7.752	6.698	109010	1011483	8.883	67.021 #

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 Misc :
 ALS Vial : 34 Sample Multiplier: 1

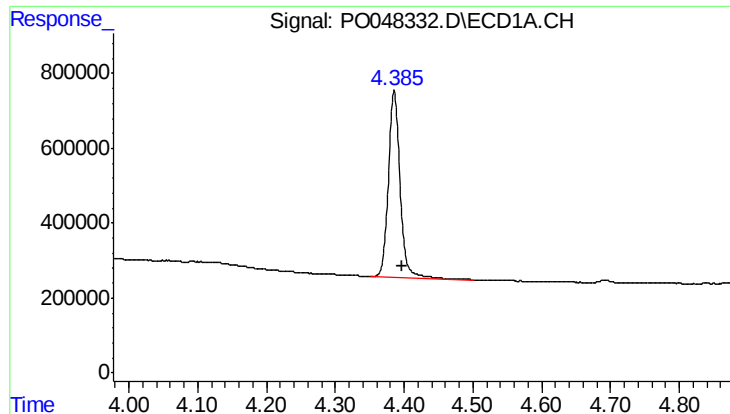
Instrument :
 ECD_O
 ClientSampleId :
 RA-081618-FL-036

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 02:03:05 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	
39)	L8 AR-1262-4	7.980	7.033	279675	226844	23.750	17.227	#
40)	L8 AR-1262-5	8.305	7.233	138896	335709	6.465	12.998	#
41)	L9 AR-1268-1	8.626	0.000	197143	0	8.494	N.D.	#
42)	L9 AR-1268-2	8.673	0.000	73218	0	3.417	N.D.	#
43)	L9 AR-1268-3	8.921	0.000	27741	0	1.537	N.D.	#
44)	L9 AR-1268-4	9.341	0.000	46634	0	5.848	N.D.	#
45)	L9 AR-1268-5	9.743	0.000	140439	0	2.577	N.D.	#

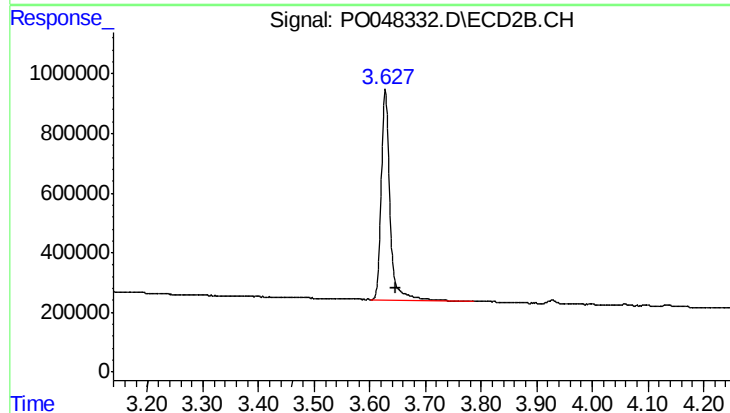
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

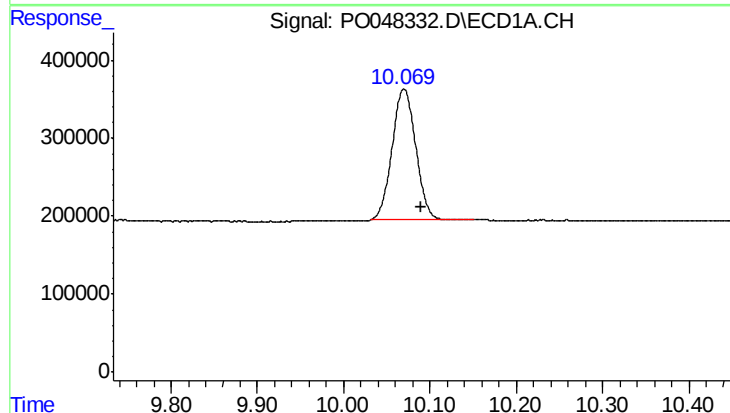
R.T.: 4.385 min
Delta R.T.: -0.012 min
Response: 5842763
Conc: 28.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
RA-081618-FL-036



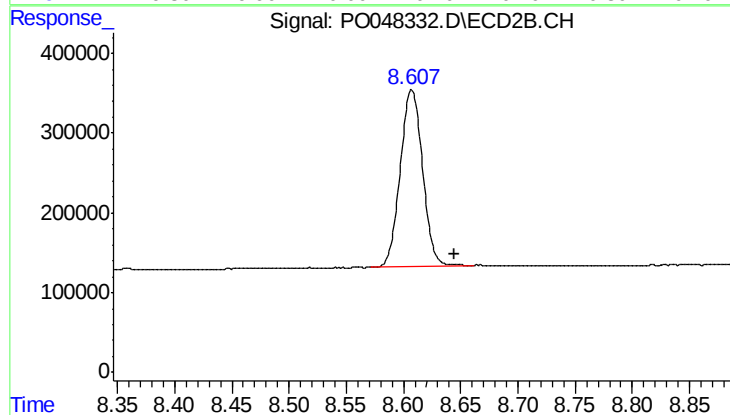
#1 Tetrachloro-m-xylene

R.T.: 3.628 min
Delta R.T.: -0.018 min
Response: 7670315
Conc: 31.22 ng/ml



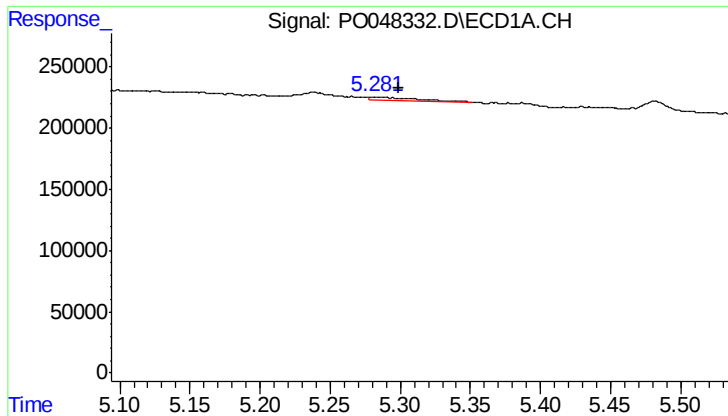
#2 Decachlorobiphenyl

R.T.: 10.070 min
Delta R.T.: -0.020 min
Response: 3202381
Conc: 19.63 ng/ml



#2 Decachlorobiphenyl

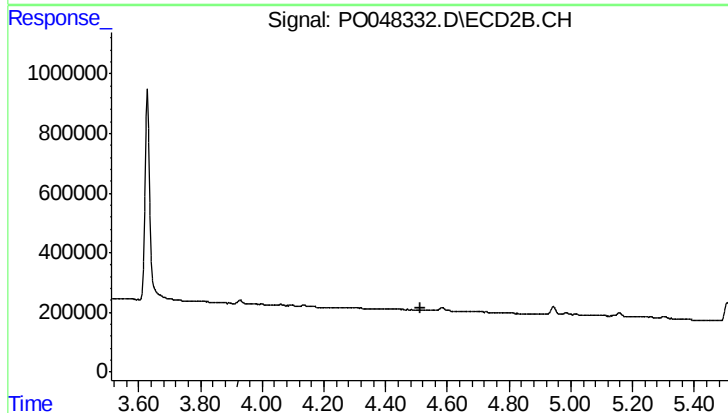
R.T.: 8.607 min
Delta R.T.: -0.037 min
Response: 3015888
Conc: 19.19 ng/ml



#3 AR-1016-1

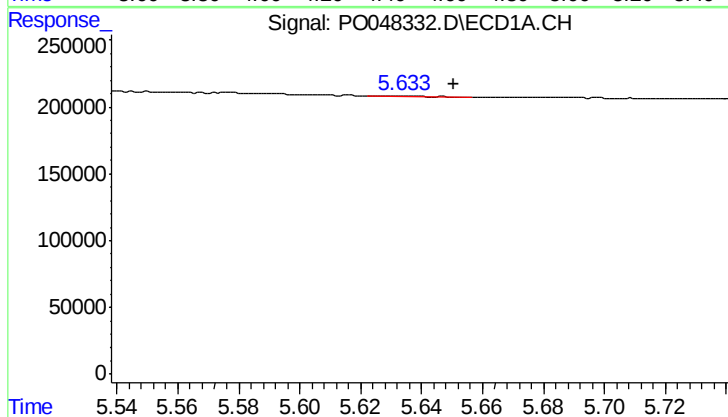
R.T.: 5.282 min
Delta R.T.: -0.017 min
Response: 45320
Conc: 9.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
RA-081618-FL-036



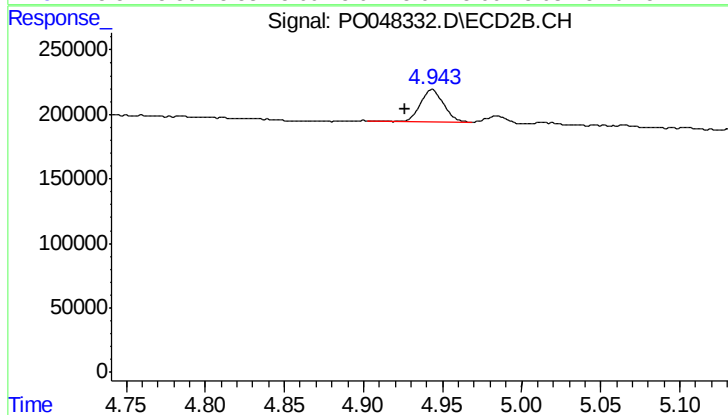
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T.: 4.511 min
Response: 0
Conc: N.D.



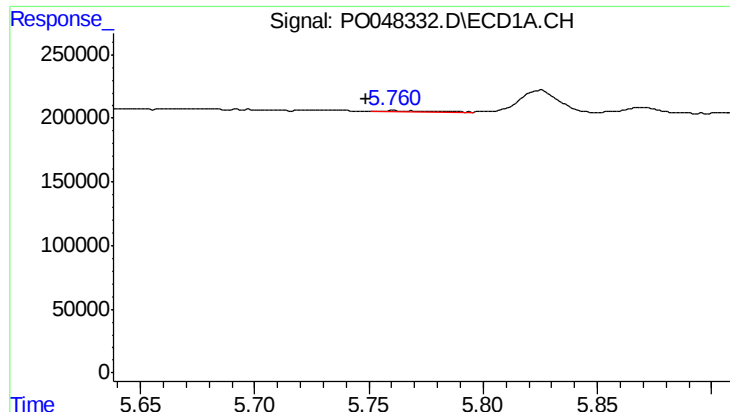
#4 AR-1016-2

R.T.: 5.629 min
Delta R.T.: -0.022 min
Response: 6453
Conc: 1.10 ng/ml



#4 AR-1016-2

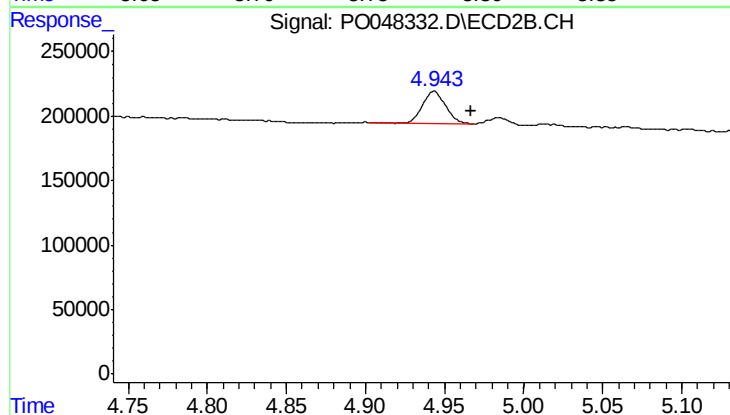
R.T.: 4.944 min
Delta R.T.: 0.017 min
Response: 254292
Conc: 48.43 ng/ml



#5 AR-1016-3

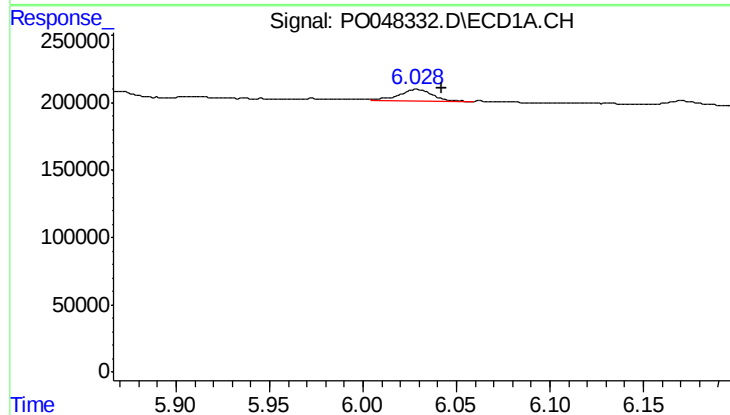
R.T.: 5.761 min
Delta R.T.: 0.012 min
Response: 11253
Conc: 2.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
RA-081618-FL-036



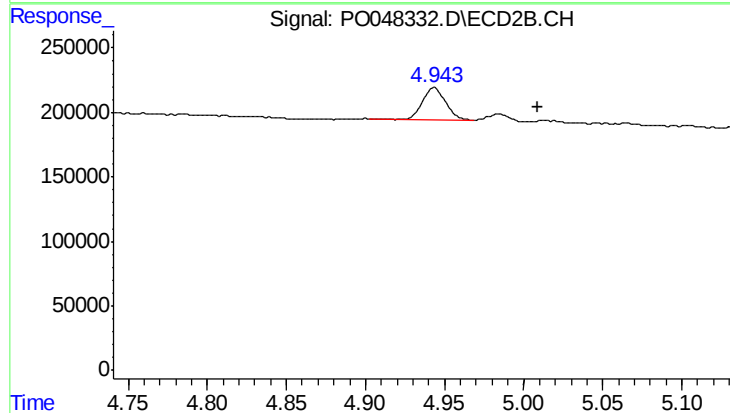
#5 AR-1016-3

R.T.: 4.944 min
Delta R.T.: -0.024 min
Response: 254292
Conc: 57.91 ng/ml



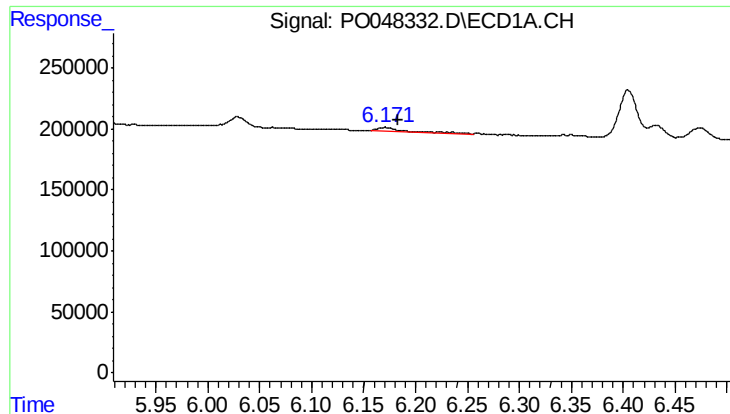
#6 AR-1016-4

R.T.: 6.029 min
Delta R.T.: -0.013 min
Response: 118922
Conc: 25.57 ng/ml



#6 AR-1016-4

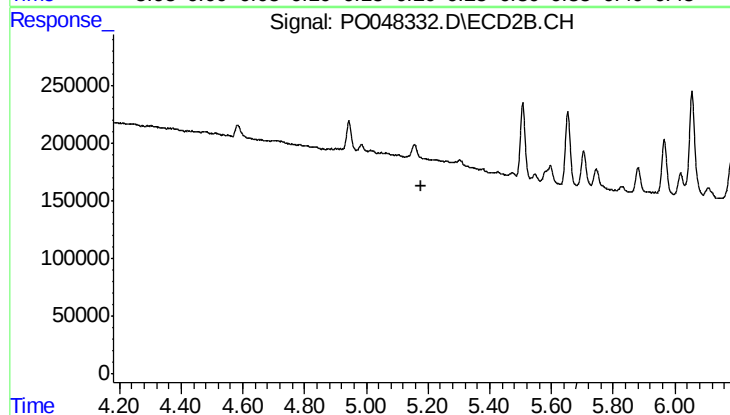
R.T.: 4.944 min
Delta R.T.: -0.065 min
Response: 254292
Conc: 49.04 ng/ml



#7 AR-1016-5

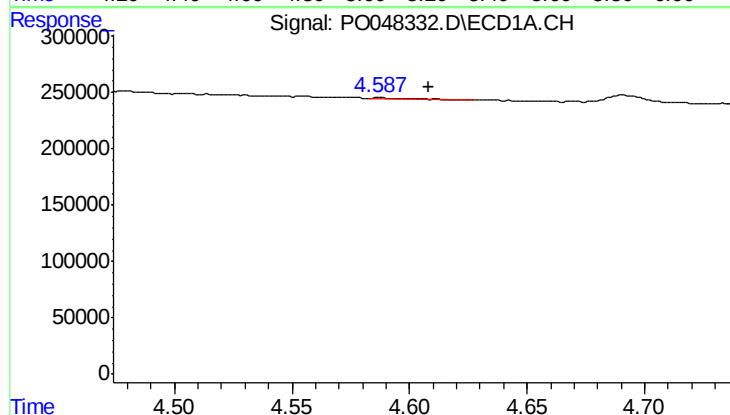
R.T.: 6.170 min
Delta R.T.: -0.013 min
Response: 61768
Conc: 11.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
RA-081618-FL-036



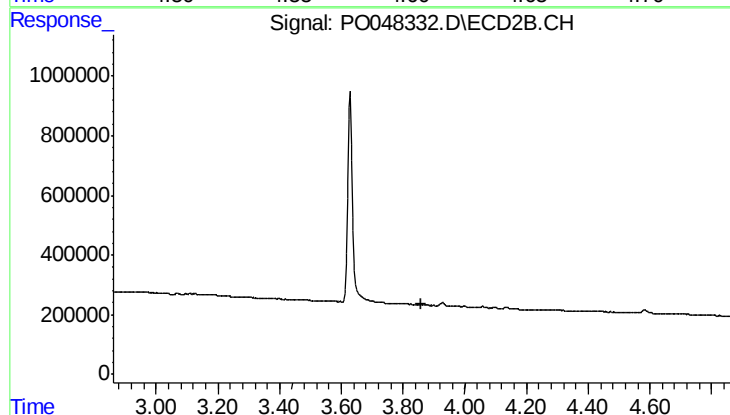
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T.: 5.180 min
Response: 0
Conc: N.D.



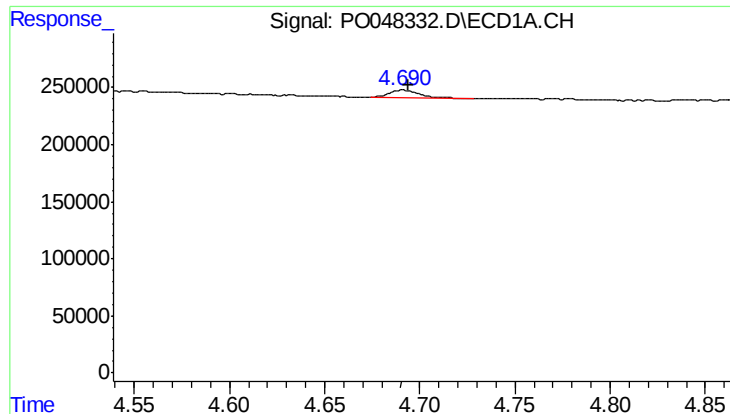
#8 AR-1221-1

R.T.: 4.587 min
Delta R.T.: -0.021 min
Response: 10365
Conc: 4.69 ng/ml



#8 AR-1221-1

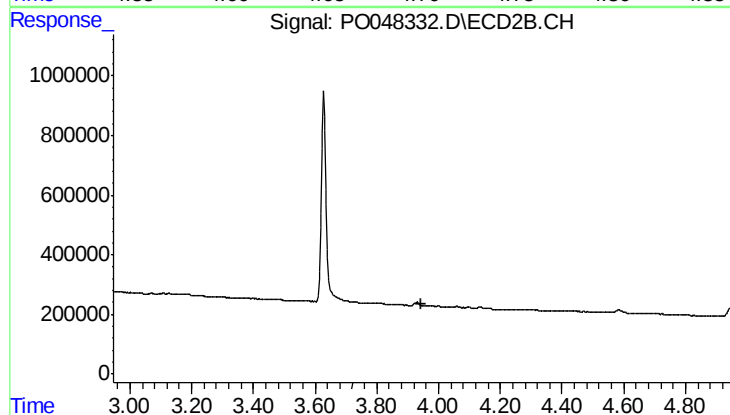
R.T.: 0.000 min
Exp R.T.: 3.861 min
Response: 0
Conc: N.D.



#9 AR-1221-2

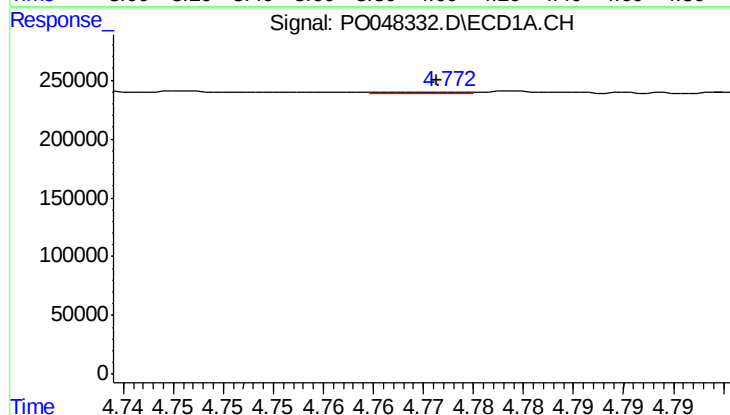
R.T.: 4.691 min
Delta R.T.: -0.003 min
Response: 76718
Conc: 46.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
RA-081618-FL-036



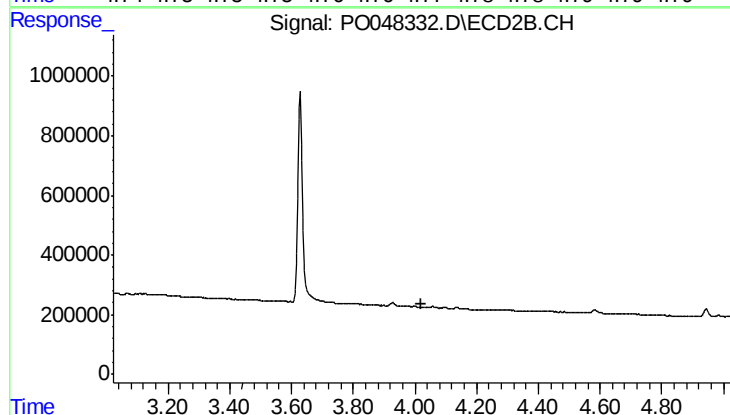
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T.: 3.946 min
Response: 0
Conc: N.D.



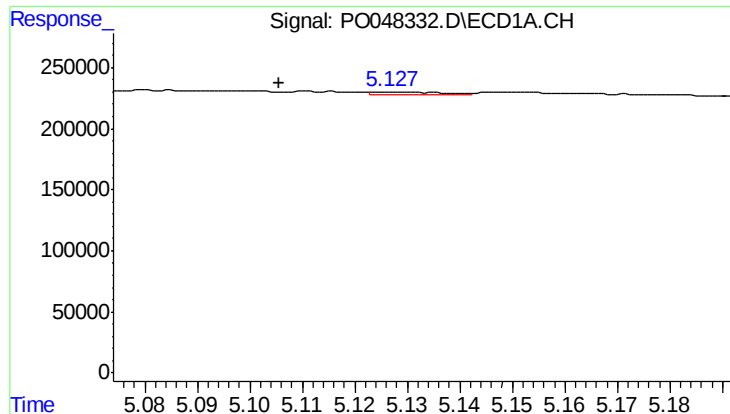
#10 AR-1221-3

R.T.: 4.770 min
Delta R.T.: -0.001 min
Response: 8850
Conc: 1.71 ng/ml



#10 AR-1221-3

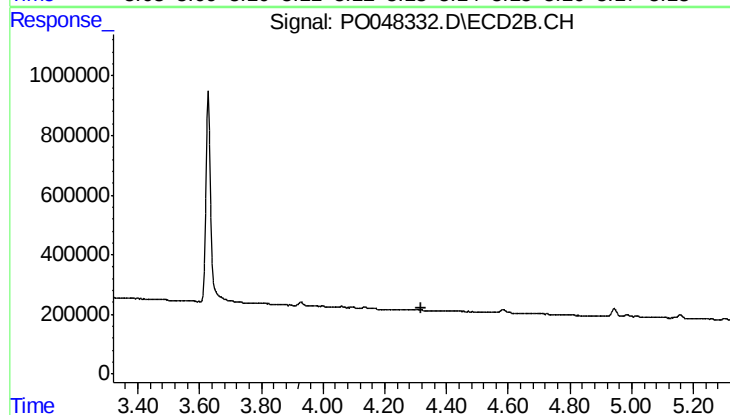
R.T.: 0.000 min
Exp R.T.: 4.022 min
Response: 0
Conc: N.D.



#11 AR-1232-1

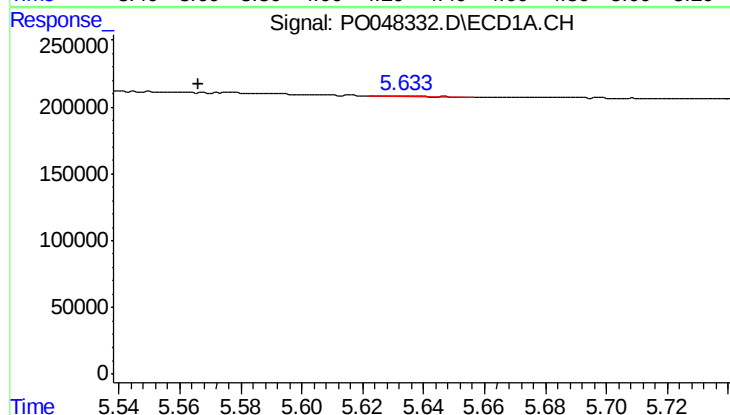
R.T.: 5.127 min
Delta R.T.: 0.021 min
Response: 22554
Conc: 10.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
RA-081618-FL-036



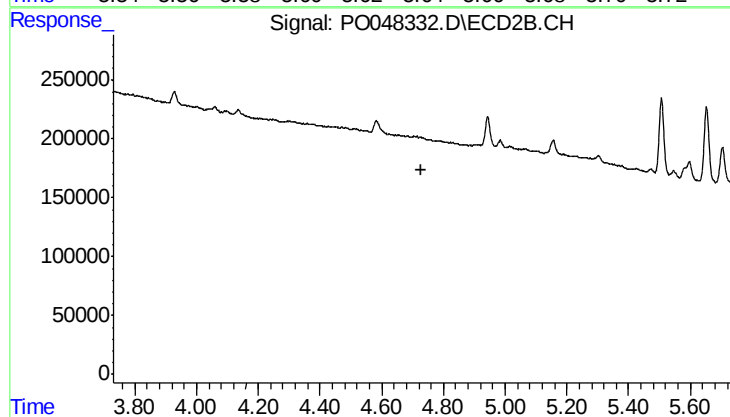
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 4.320 min
Response: 0
Conc: N.D.



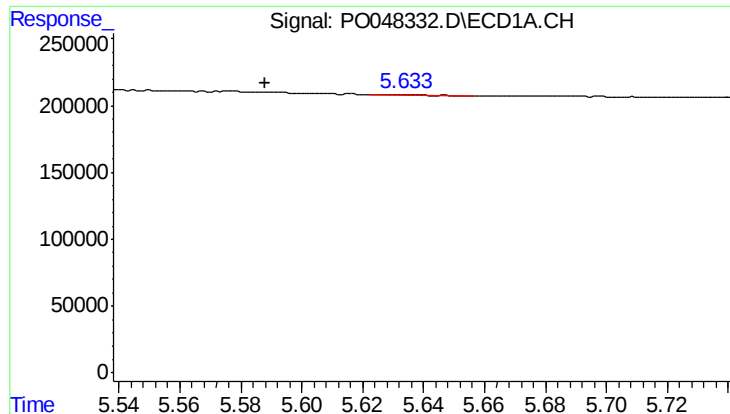
#12 AR-1232-2

R.T.: 5.629 min
Delta R.T.: 0.063 min
Response: 6453
Conc: 2.19 ng/ml



#12 AR-1232-2

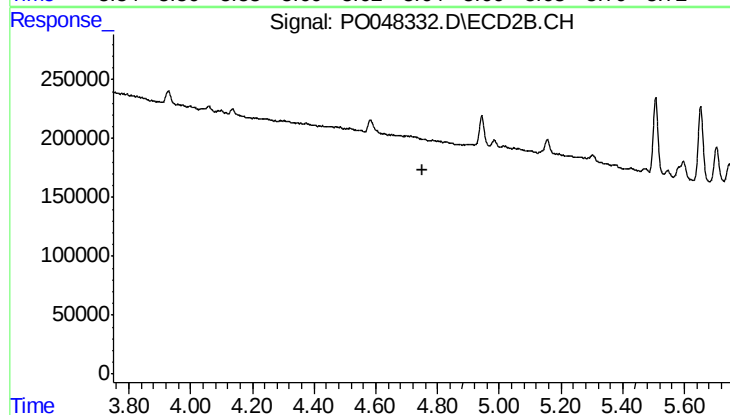
R.T.: 0.000 min
Exp R.T.: 4.730 min
Response: 0
Conc: N.D.



#13 AR-1232-3

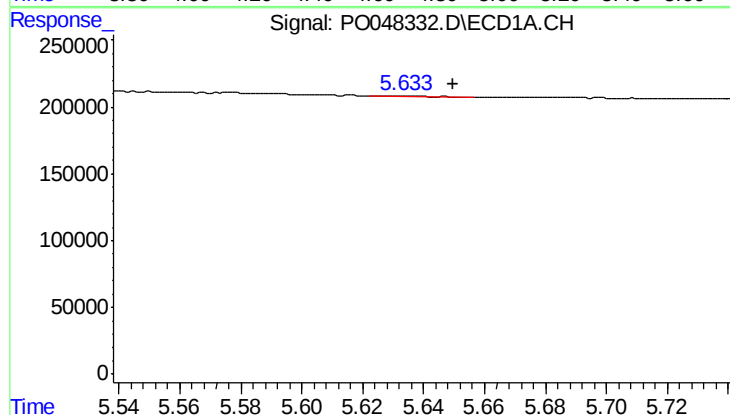
R.T.: 5.629 min
Delta R.T.: 0.040 min
Response: 6453
Conc: 1.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
RA-081618-FL-036



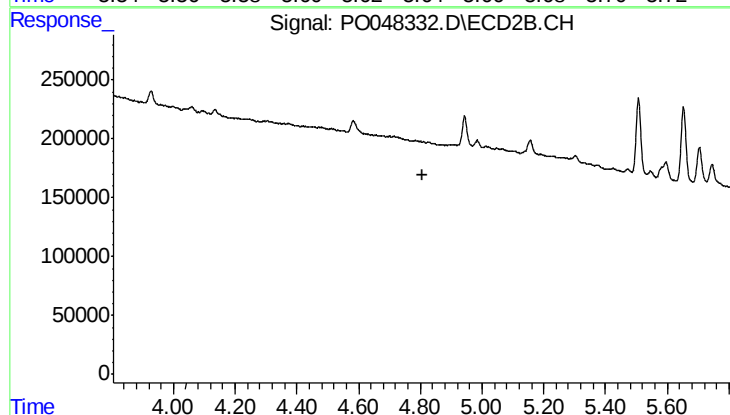
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 4.749 min
Response: 0
Conc: N.D.



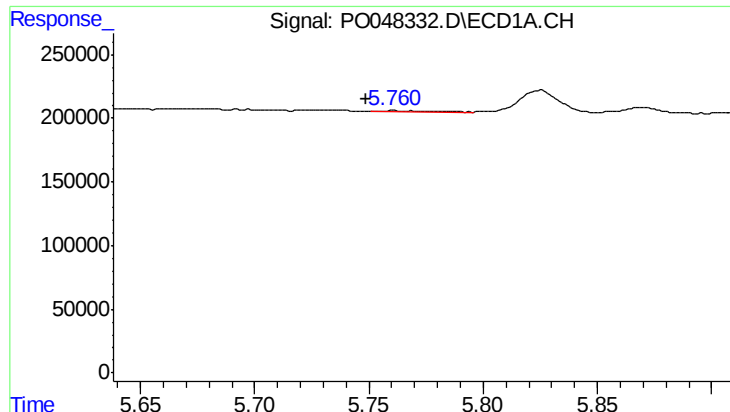
#14 AR-1232-4

R.T.: 5.629 min
Delta R.T.: -0.021 min
Response: 6453
Conc: 2.33 ng/ml



#14 AR-1232-4

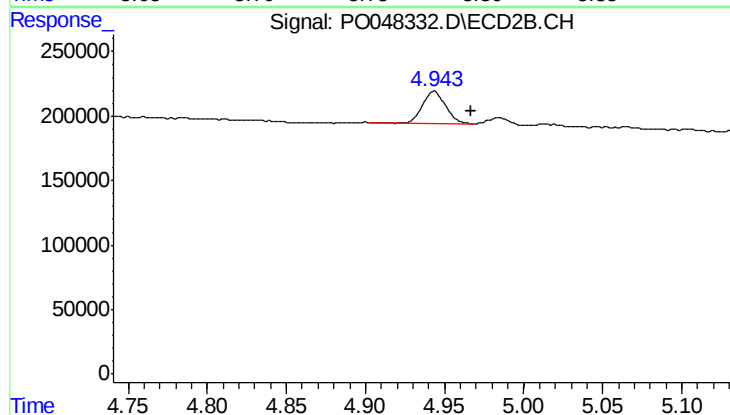
R.T.: 0.000 min
Exp R.T.: 4.805 min
Response: 0
Conc: N.D.



#15 AR-1232-5

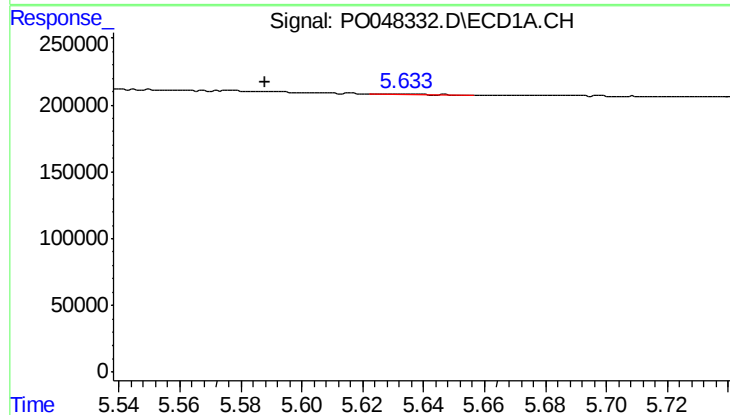
R.T.: 5.761 min
Delta R.T.: 0.012 min
Response: 11253
Conc: 5.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
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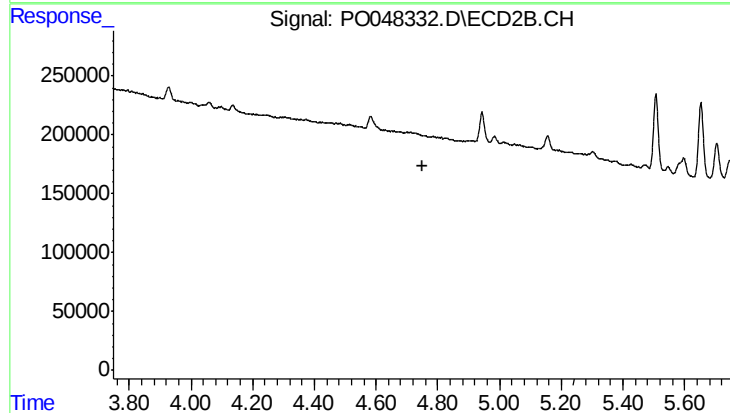
#15 AR-1232-5

R.T.: 4.944 min
Delta R.T.: -0.023 min
Response: 254292
Conc: 142.08 ng/ml



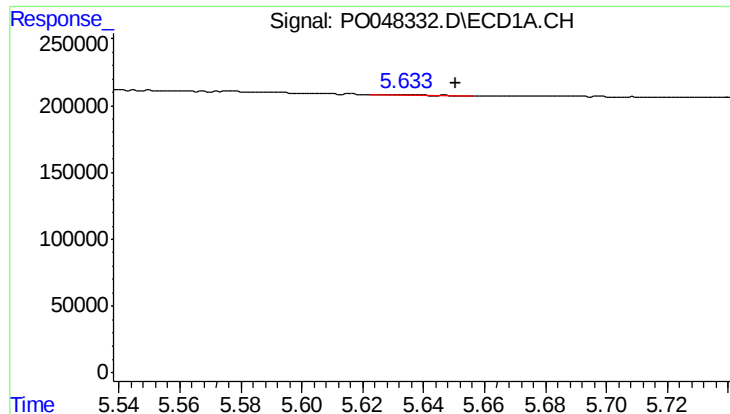
#16 AR-1242-1

R.T.: 5.629 min
Delta R.T.: 0.041 min
Response: 6453
Conc: 0.88 ng/ml



#16 AR-1242-1

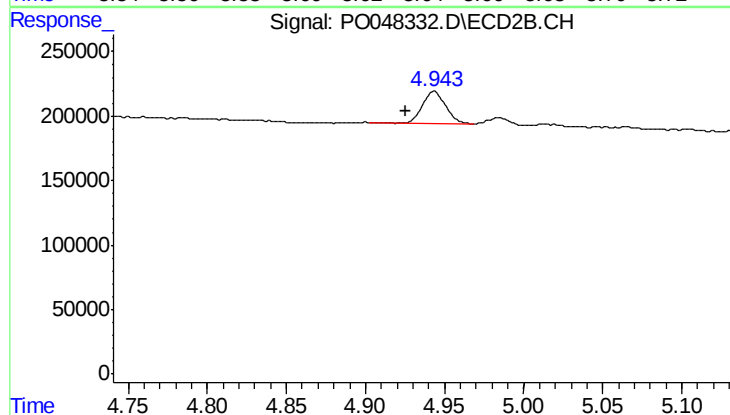
R.T.: 0.000 min
Exp R.T.: 4.749 min
Response: 0
Conc: N.D.



#17 AR-1242-2

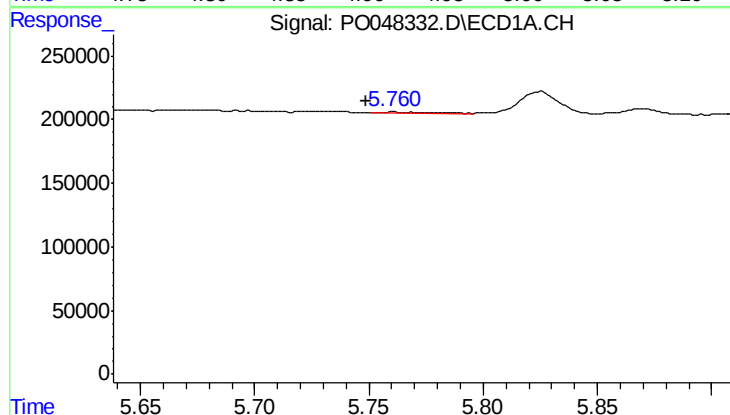
R.T.: 5.629 min
Delta R.T.: -0.022 min
Response: 6453
Conc: 1.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
RA-081618-FL-036



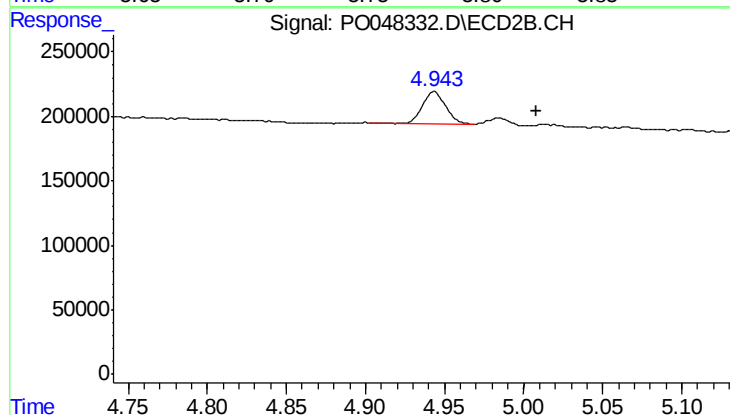
#17 AR-1242-2

R.T.: 4.944 min
Delta R.T.: 0.018 min
Response: 254292
Conc: 61.73 ng/ml



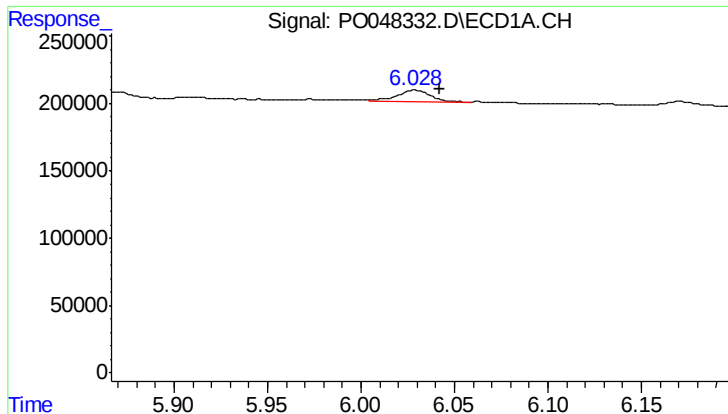
#18 AR-1242-3

R.T.: 5.761 min
Delta R.T.: 0.012 min
Response: 11253
Conc: 2.93 ng/ml



#18 AR-1242-3

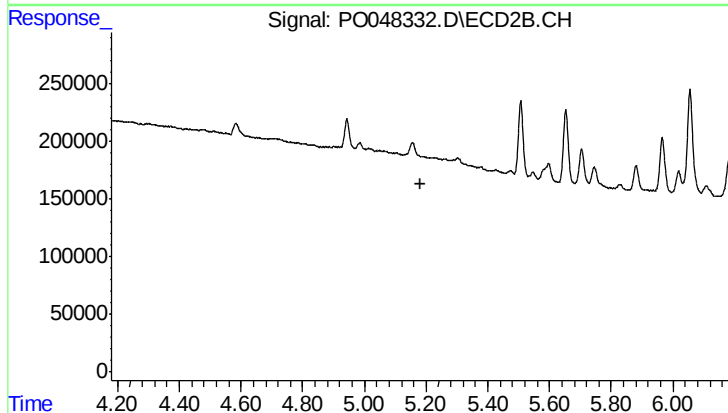
R.T.: 4.944 min
Delta R.T.: -0.064 min
Response: 254292
Conc: 60.64 ng/ml



#19 AR-1242-4

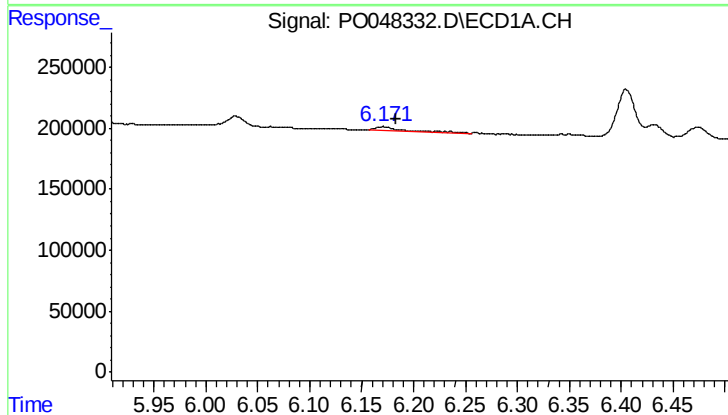
R.T.: 6.029 min
Delta R.T.: -0.013 min
Response: 118922
Conc: 30.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
RA-081618-FL-036



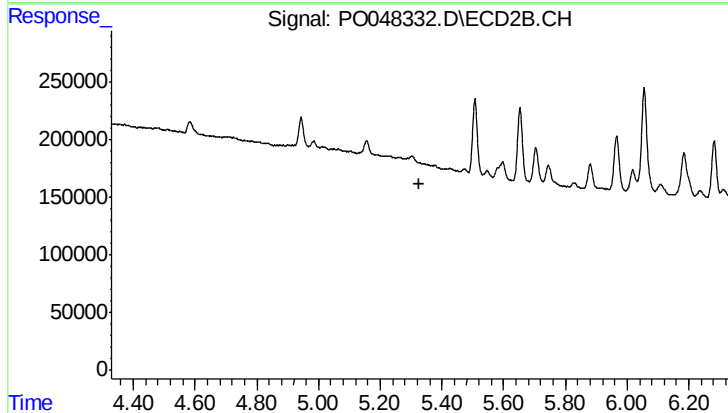
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.180 min
Response: 0
Conc: N.D.



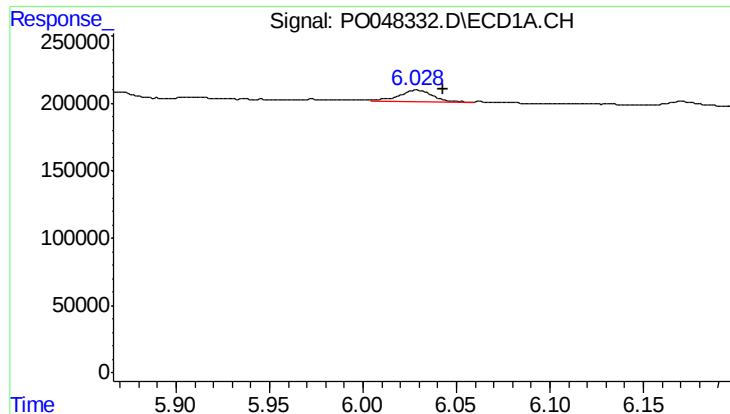
#20 AR-1242-5

R.T.: 6.170 min
Delta R.T.: -0.013 min
Response: 61768
Conc: 14.43 ng/ml



#20 AR-1242-5

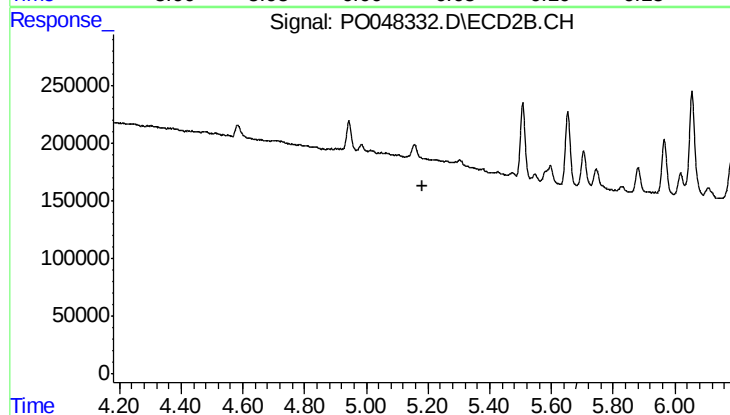
R.T.: 0.000 min
Exp R.T.: 5.329 min
Response: 0
Conc: N.D.



#21 AR-1248-1

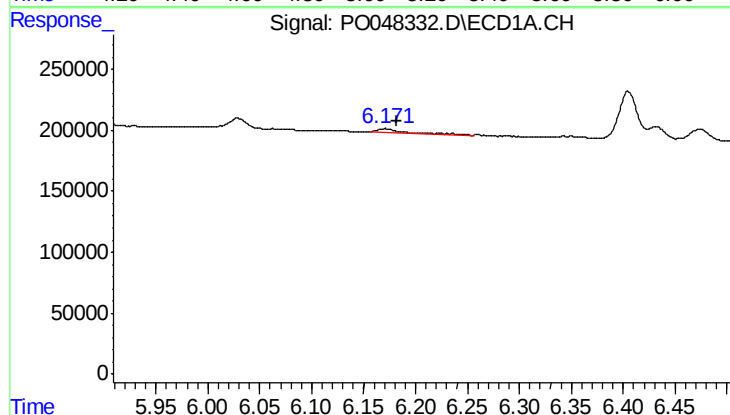
R.T.: 6.029 min
Delta R.T.: -0.014 min
Response: 118922
Conc: 19.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
RA-081618-FL-036



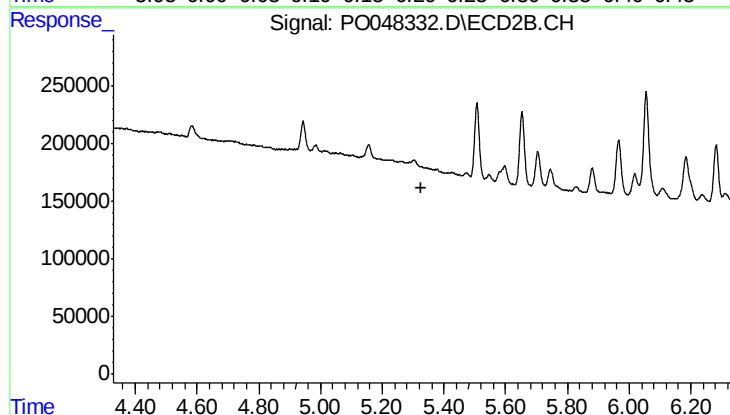
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T.: 5.180 min
Response: 0
Conc: N.D.



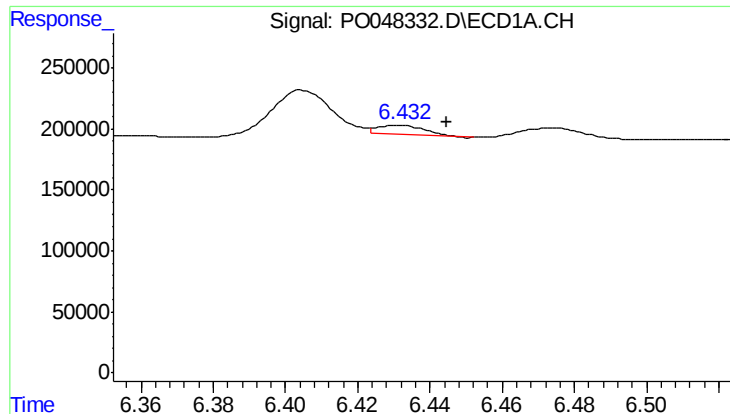
#22 AR-1248-2

R.T.: 6.170 min
Delta R.T.: -0.012 min
Response: 61768
Conc: 11.34 ng/ml



#22 AR-1248-2

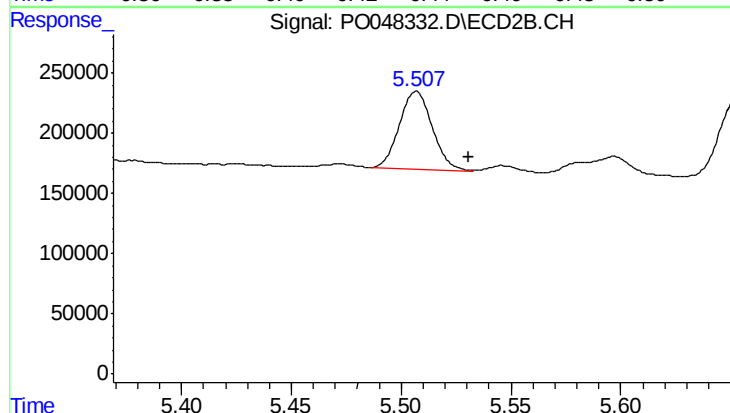
R.T.: 0.000 min
Exp R.T.: 5.328 min
Response: 0
Conc: N.D.



#23 AR-1248-3

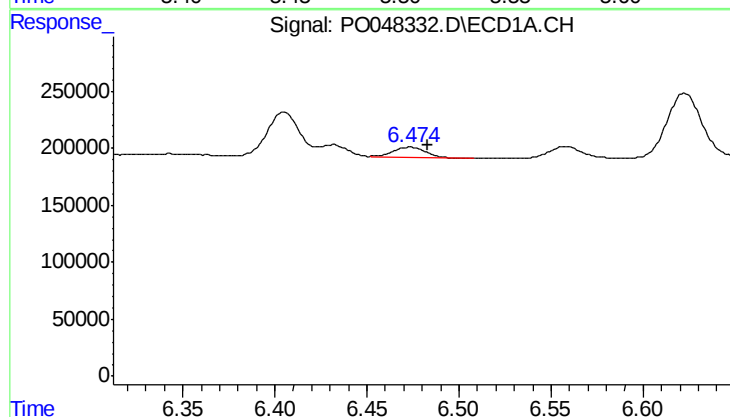
R.T.: 6.431 min
Delta R.T.: -0.014 min
Response: 69900
Conc: 9.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
RA-081618-FL-036



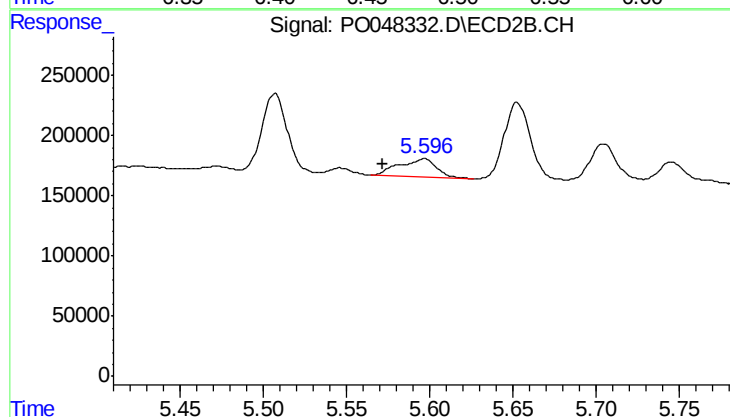
#23 AR-1248-3

R.T.: 5.507 min
Delta R.T.: -0.024 min
Response: 678184
Conc: 68.16 ng/ml



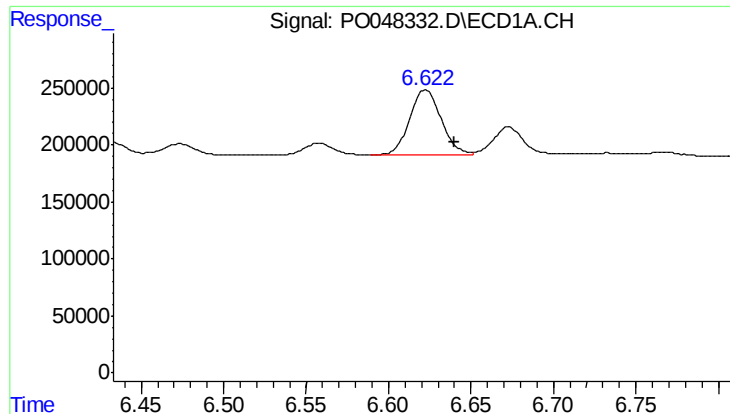
#24 AR-1248-4

R.T.: 6.474 min
Delta R.T.: -0.009 min
Response: 102771
Conc: 15.31 ng/ml



#24 AR-1248-4

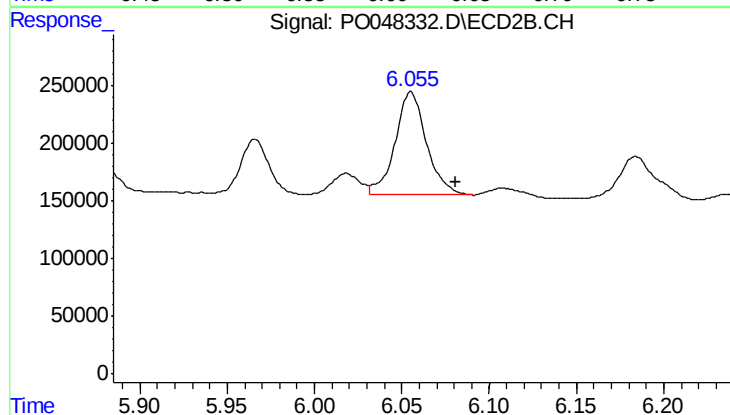
R.T.: 5.596 min
Delta R.T.: 0.024 min
Response: 230774
Conc: 32.93 ng/ml



#25 AR-1248-5

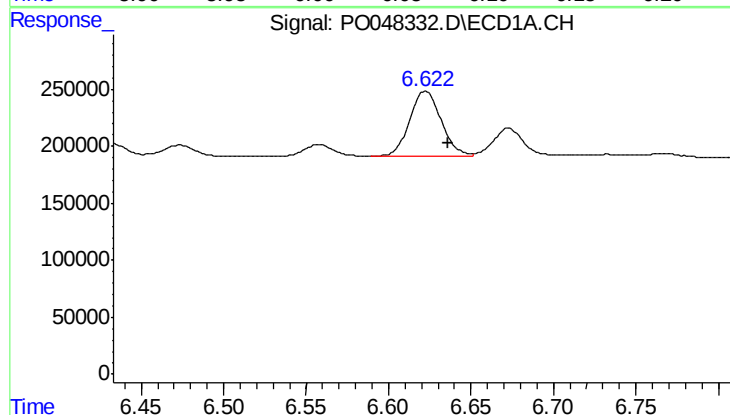
R.T.: 6.623 min
Delta R.T.: -0.017 min
Response: 760880
Conc: 107.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
RA-081618-FL-036



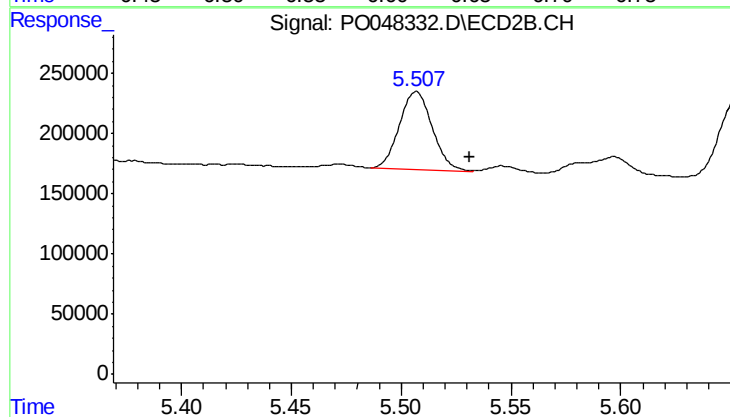
#25 AR-1248-5

R.T.: 6.055 min
Delta R.T.: -0.026 min
Response: 1117493
Conc: 234.48 ng/ml



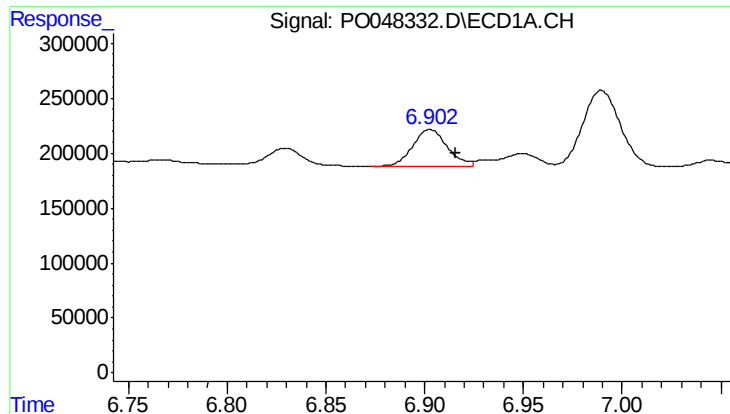
#26 AR-1254-1

R.T.: 6.623 min
Delta R.T.: -0.013 min
Response: 760880
Conc: 62.22 ng/ml



#26 AR-1254-1

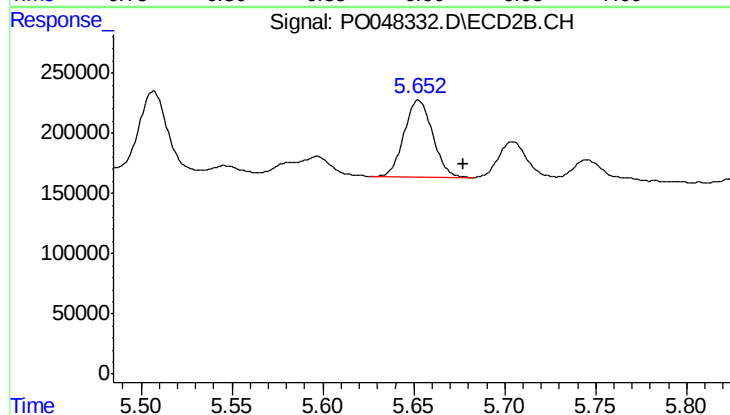
R.T.: 5.507 min
Delta R.T.: -0.025 min
Response: 678184
Conc: 55.11 ng/ml



#27 AR-1254-2

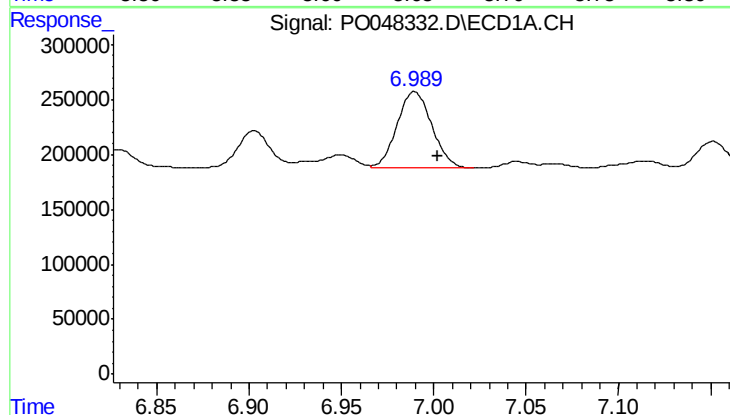
R.T.: 6.903 min
Delta R.T.: -0.013 min
Response: 407853
Conc: 54.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
RA-081618-FL-036



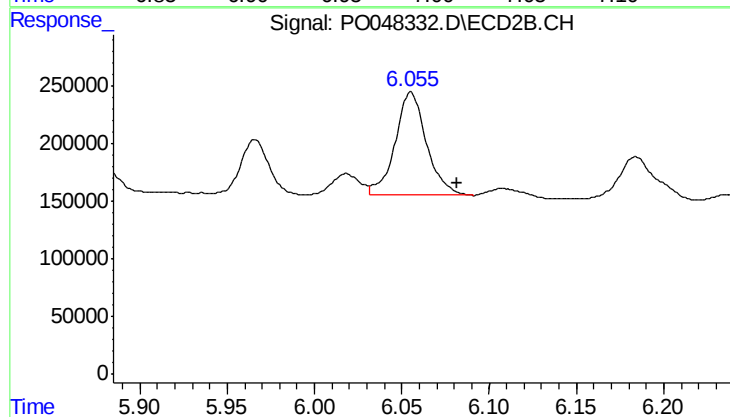
#27 AR-1254-2

R.T.: 5.653 min
Delta R.T.: -0.024 min
Response: 696851
Conc: 66.94 ng/ml



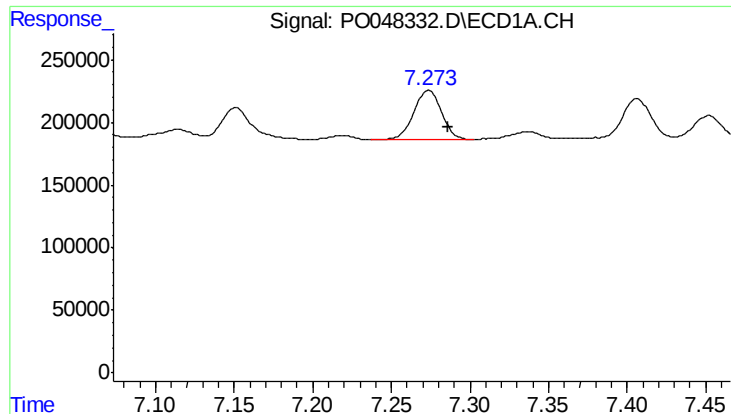
#28 AR-1254-3

R.T.: 6.990 min
Delta R.T.: -0.013 min
Response: 916995
Conc: 70.31 ng/ml



#28 AR-1254-3

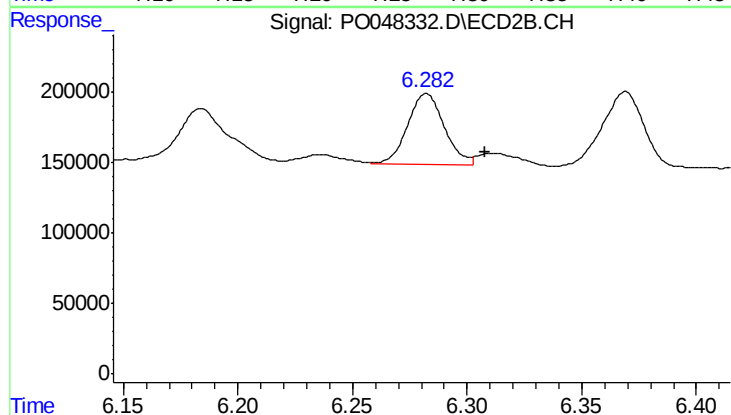
R.T.: 6.055 min
Delta R.T.: -0.027 min
Response: 1117493
Conc: 64.39 ng/ml



#29 AR-1254-4

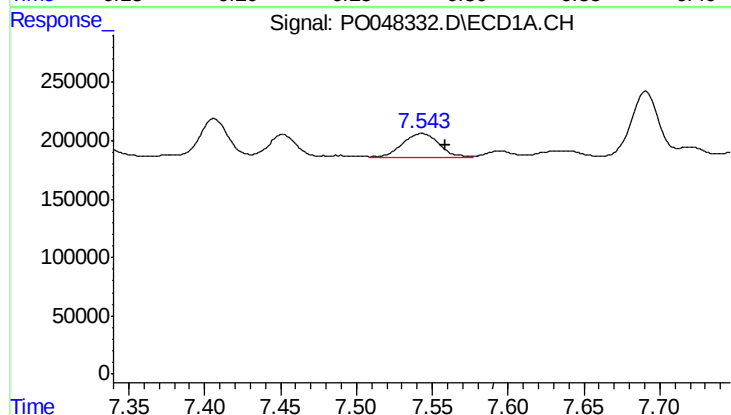
R.T.: 7.274 min
Delta R.T.: -0.013 min
Response: 481426
Conc: 49.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
RA-081618-FL-036



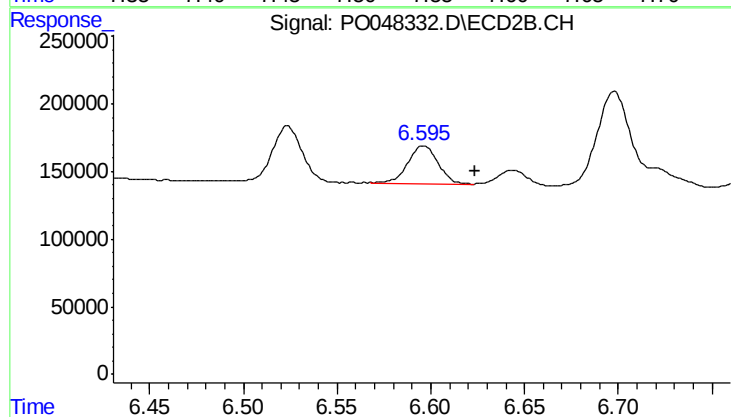
#29 AR-1254-4

R.T.: 6.282 min
Delta R.T.: -0.026 min
Response: 556194
Conc: 51.33 ng/ml



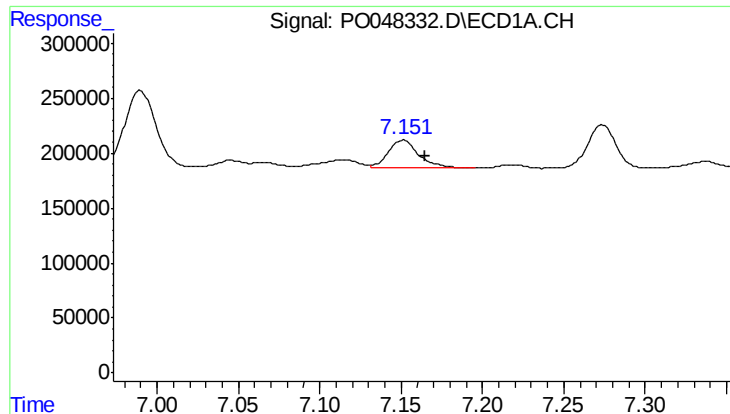
#30 AR-1254-5

R.T.: 7.543 min
Delta R.T.: -0.015 min
Response: 346599
Conc: 46.92 ng/ml



#30 AR-1254-5

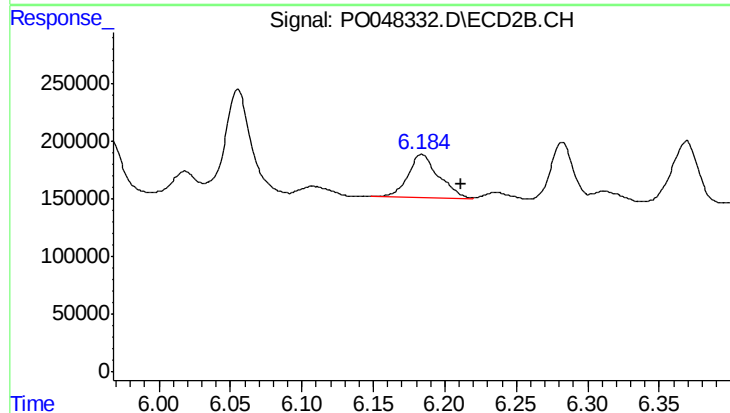
R.T.: 6.596 min
Delta R.T.: -0.027 min
Response: 315020
Conc: 41.19 ng/ml



#31 AR-1260-1

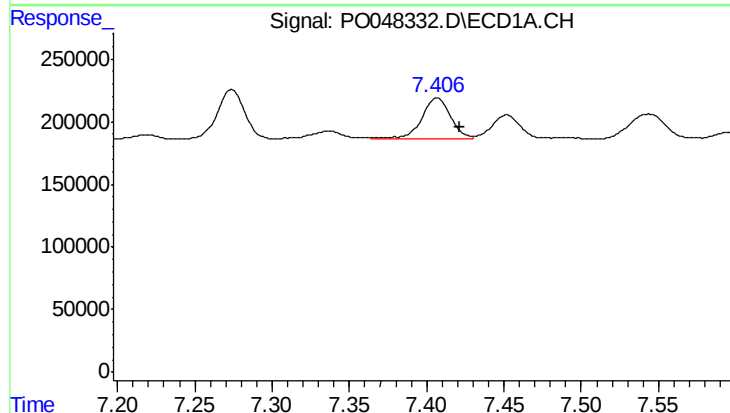
R.T.: 7.151 min
Delta R.T.: -0.013 min
Response: 331010
Conc: 35.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
RA-081618-FL-036



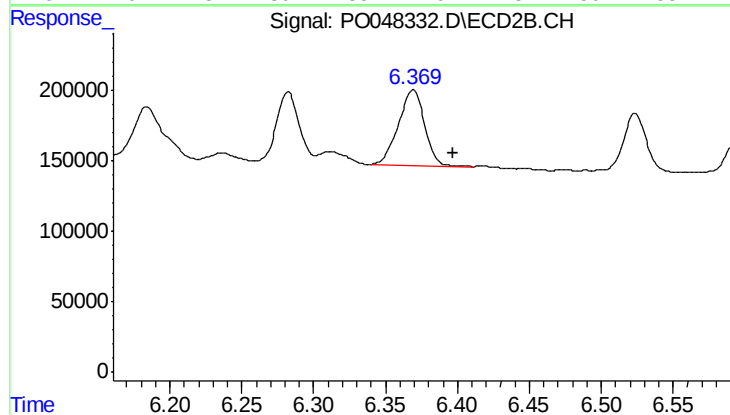
#31 AR-1260-1

R.T.: 6.184 min
Delta R.T.: -0.027 min
Response: 556601
Conc: 50.37 ng/ml



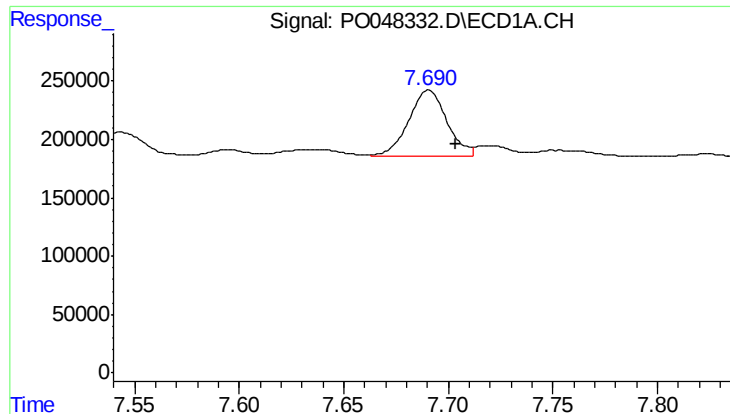
#32 AR-1260-2

R.T.: 7.406 min
Delta R.T.: -0.015 min
Response: 443560
Conc: 39.78 ng/ml



#32 AR-1260-2

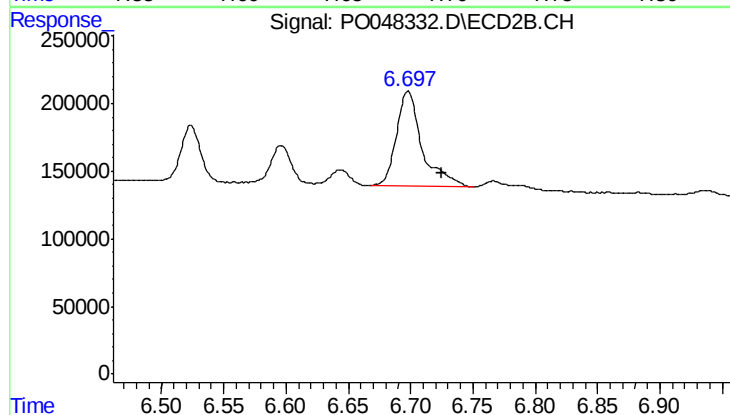
R.T.: 6.369 min
Delta R.T.: -0.028 min
Response: 675691
Conc: 50.39 ng/ml



#33 AR-1260-3

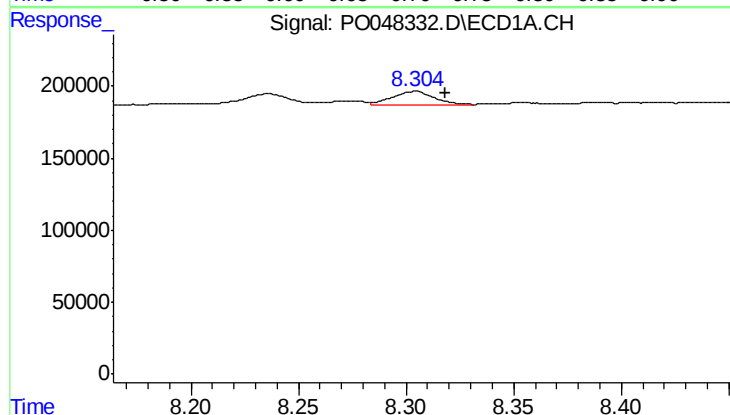
R.T.: 7.691 min
Delta R.T.: -0.013 min
Response: 732345
Conc: 56.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
RA-081618-FL-036



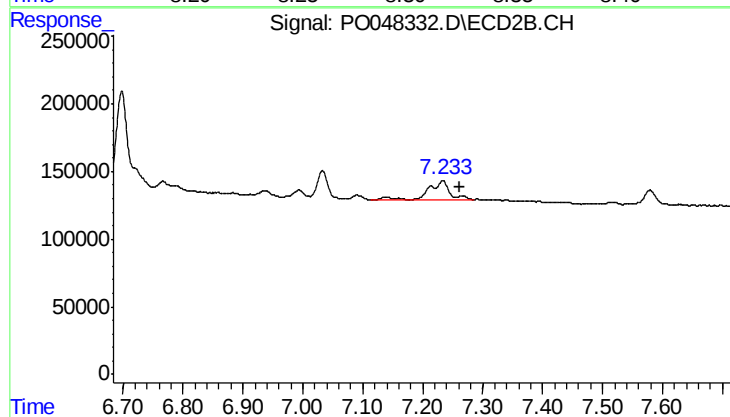
#33 AR-1260-3

R.T.: 6.698 min
Delta R.T.: -0.027 min
Response: 1011483
Conc: 69.58 ng/ml



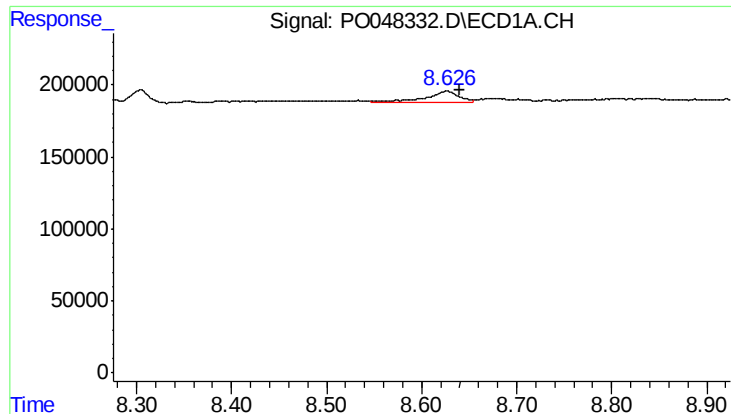
#34 AR-1260-4

R.T.: 8.305 min
Delta R.T.: -0.014 min
Response: 138896
Conc: 7.81 ng/ml



#34 AR-1260-4

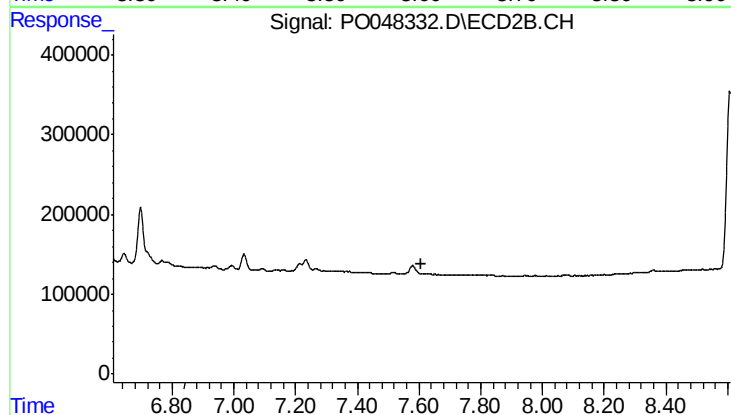
R.T.: 7.233 min
Delta R.T.: -0.028 min
Response: 335709
Conc: 15.26 ng/ml



#35 AR-1260-5

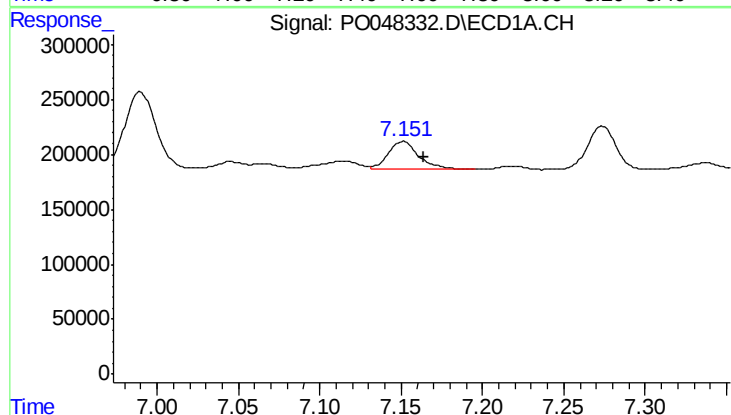
R.T.: 8.626 min
Delta R.T.: -0.014 min
Response: 197143
Conc: 17.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
RA-081618-FL-036



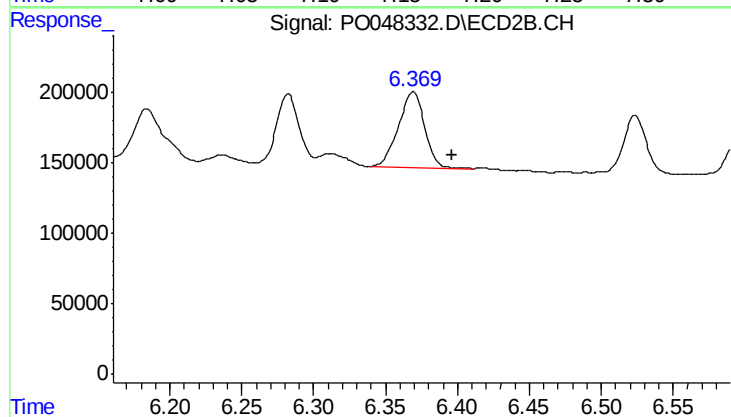
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 7.609 min
Response: 0
Conc: N.D.



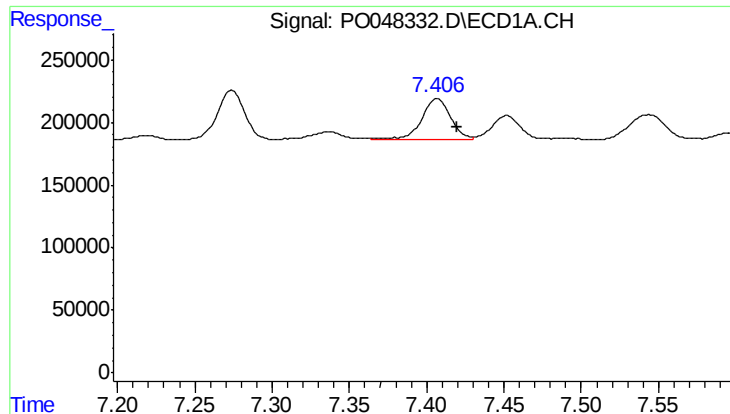
#36 AR-1262-1

R.T.: 7.151 min
Delta R.T.: -0.013 min
Response: 331010
Conc: 39.96 ng/ml



#36 AR-1262-1

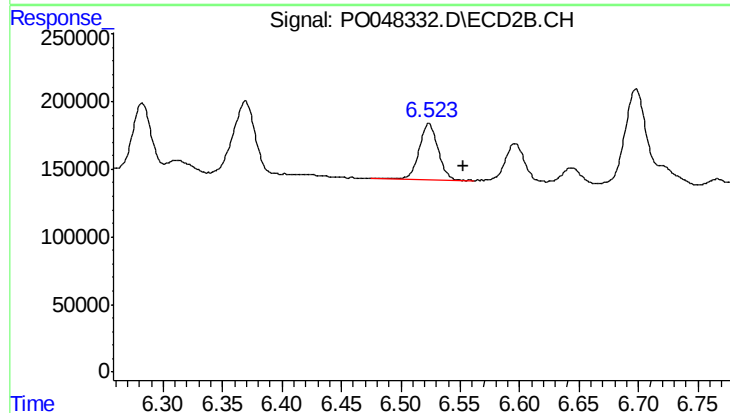
R.T.: 6.369 min
Delta R.T.: -0.027 min
Response: 675691
Conc: 59.60 ng/ml



#37 AR-1262-2

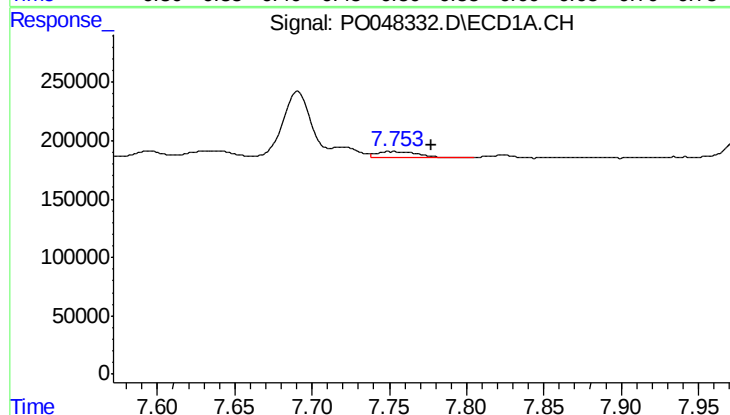
R.T.: 7.406 min
Delta R.T.: -0.013 min
Response: 443560
Conc: 45.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
RA-081618-FL-036



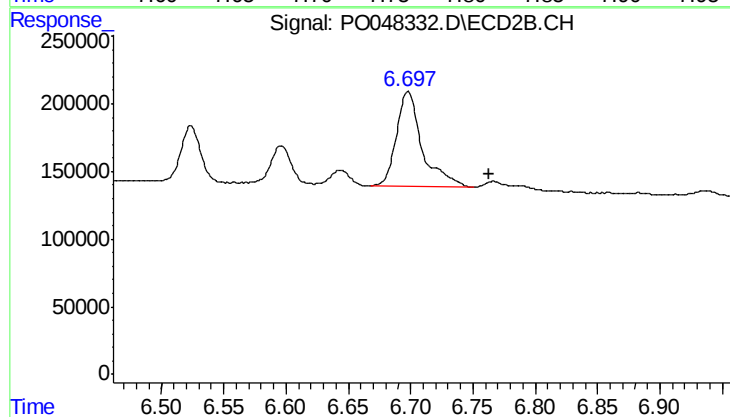
#37 AR-1262-2

R.T.: 6.524 min
Delta R.T.: -0.030 min
Response: 453481
Conc: 40.19 ng/ml



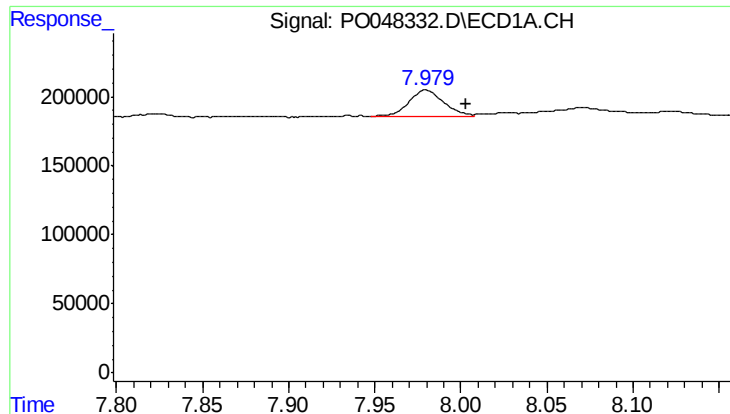
#38 AR-1262-3

R.T.: 7.752 min
Delta R.T.: -0.026 min
Response: 109010
Conc: 8.88 ng/ml



#38 AR-1262-3

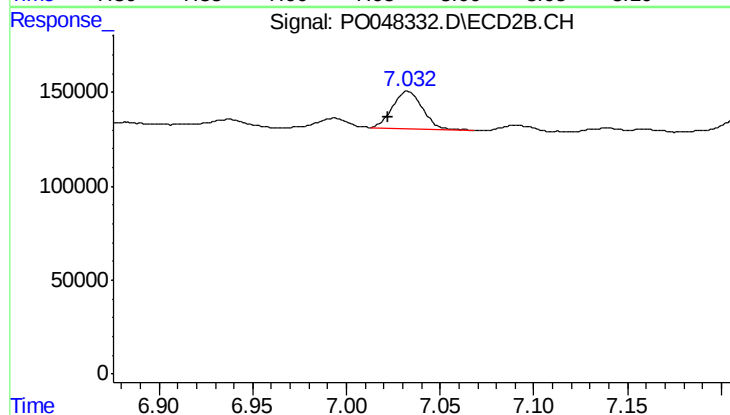
R.T.: 6.698 min
Delta R.T.: -0.065 min
Response: 1011483
Conc: 67.02 ng/ml



#39 AR-1262-4

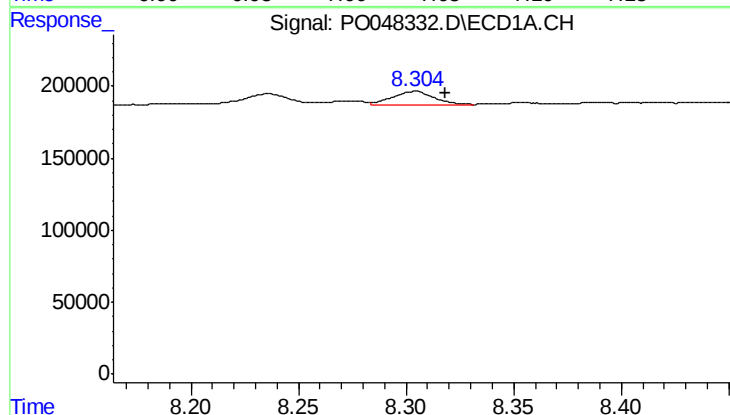
R.T.: 7.980 min
Delta R.T.: -0.024 min
Response: 279675
Conc: 23.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
RA-081618-FL-036



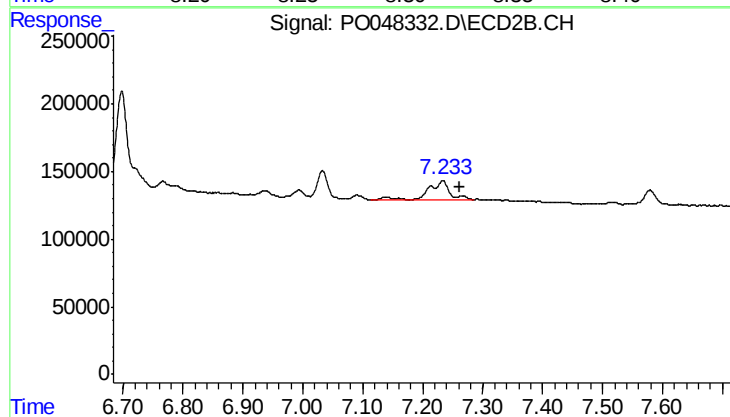
#39 AR-1262-4

R.T.: 7.033 min
Delta R.T.: 0.010 min
Response: 226844
Conc: 17.23 ng/ml



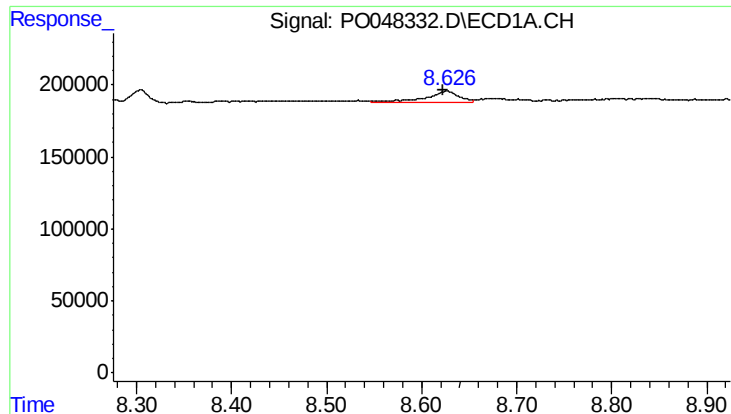
#40 AR-1262-5

R.T.: 8.305 min
Delta R.T.: -0.014 min
Response: 138896
Conc: 6.46 ng/ml



#40 AR-1262-5

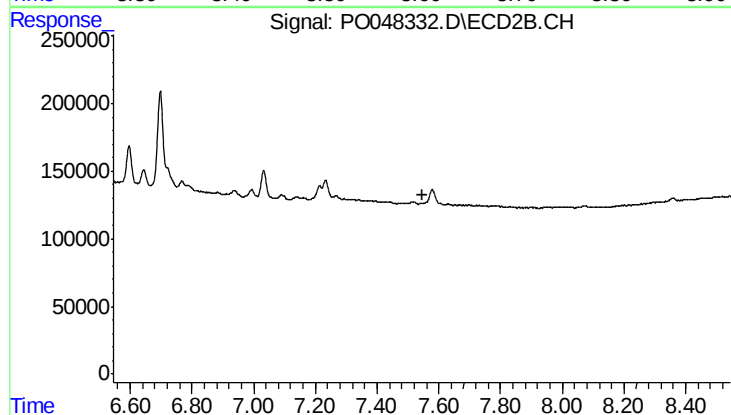
R.T.: 7.233 min
Delta R.T.: -0.027 min
Response: 335709
Conc: 13.00 ng/ml



#41 AR-1268-1

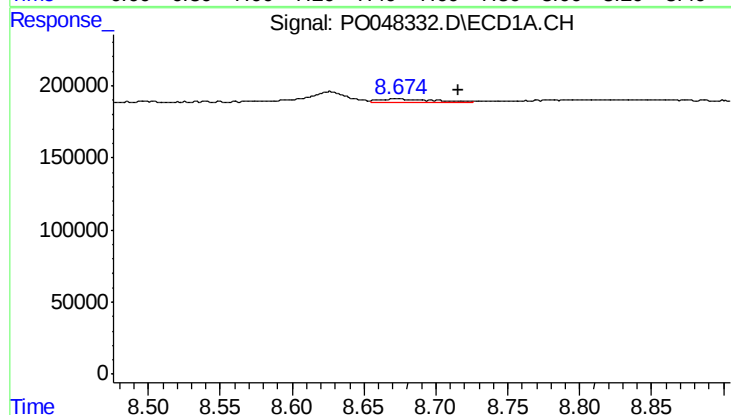
R.T.: 8.626 min
Delta R.T.: 0.003 min
Response: 197143
Conc: 8.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
RA-081618-FL-036



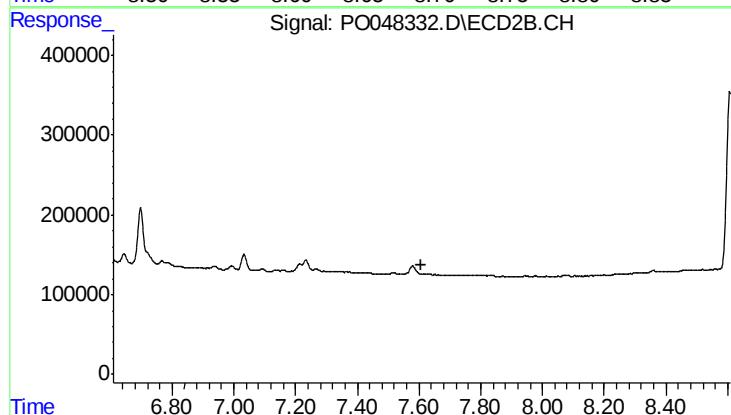
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 7.546 min
Response: 0
Conc: N.D.



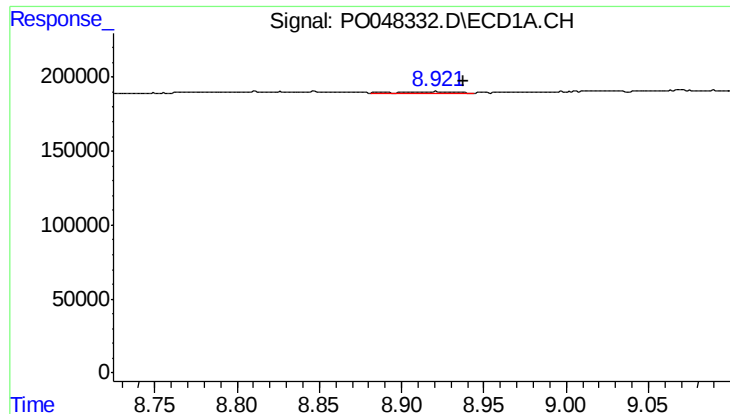
#42 AR-1268-2

R.T.: 8.673 min
Delta R.T.: -0.043 min
Response: 73218
Conc: 3.42 ng/ml



#42 AR-1268-2

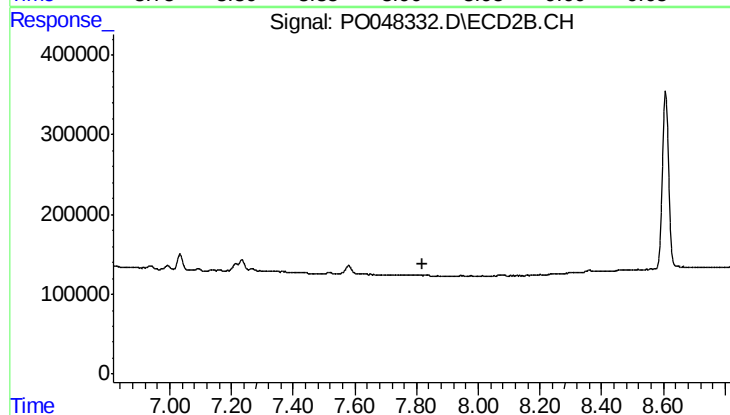
R.T.: 0.000 min
Exp R.T.: 7.609 min
Response: 0
Conc: N.D.



#43 AR-1268-3

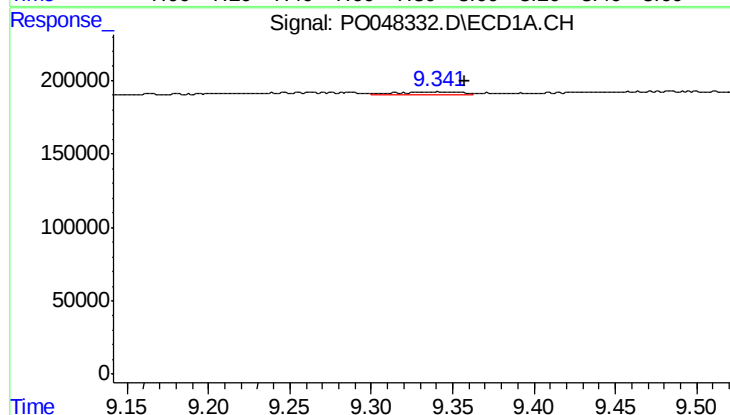
R.T.: 8.921 min
Delta R.T.: -0.017 min
Response: 27741
Conc: 1.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
RA-081618-FL-036



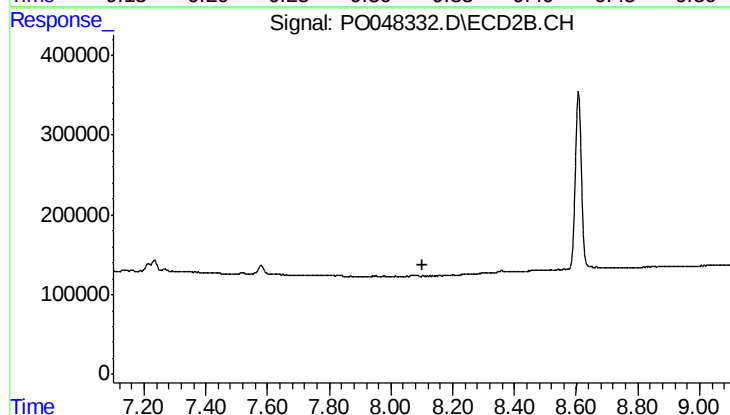
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 7.817 min
Response: 0
Conc: N.D.



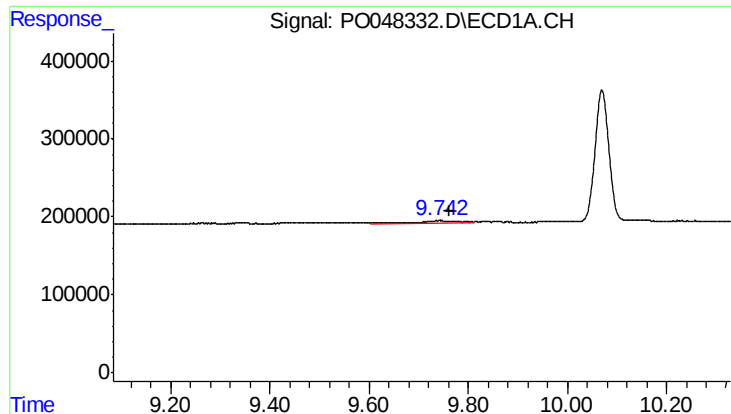
#44 AR-1268-4

R.T.: 9.341 min
Delta R.T.: -0.017 min
Response: 46634
Conc: 5.85 ng/ml



#44 AR-1268-4

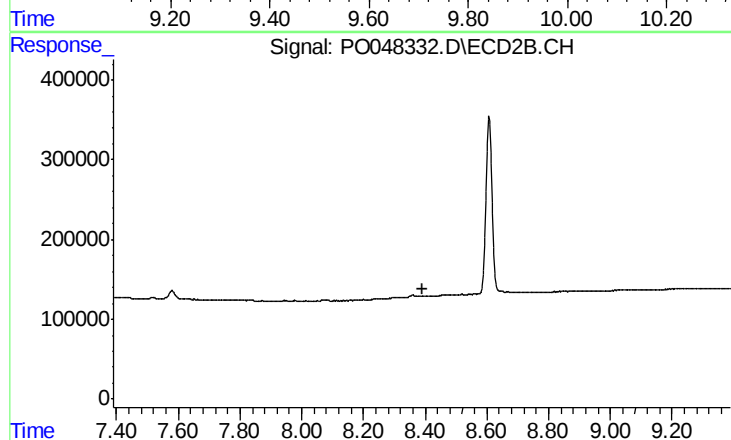
R.T.: 0.000 min
Exp R.T.: 8.101 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.743 min
Delta R.T.: -0.019 min
Response: 140439
Conc: 2.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
RA-081618-FL-036



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.390 min
Response: 0
Conc: N.D.