

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0032822\
 Data File : P0085662.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 28 Mar 2022 13:33
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 11 03:47:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0032822.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 30 16:55:12 2022
 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...	4.460f	3.561	4208797	1098785	21.598	23.233
2)	SA Decachlor...	10.360	8.580	2947884	641862	22.973	18.281
Target Compounds							
3)	L1 AR-1016-1	5.643	4.633	7629	10117	1.142	5.647 #
4)	L1 AR-1016-2	5.693	4.633f	54900	10117	5.431	3.989 #
5)	L1 AR-1016-3	5.738	4.872	4142	6043	0.683	4.345 #
6)	L1 AR-1016-4	5.836	4.872	1542	6043	0.316	5.157 #
7)	L1 AR-1016-5	6.155	5.115	2496	5168	0.549	3.815 #
8)	L2 AR-1221-1	4.734f	0.000	2314	0	1.028	N.D. #
9)	L2 AR-1221-2	4.772	3.860	53706	14619	28.998	30.949
10)	L2 AR-1221-3	4.837	0.000	1998	0	0.368	N.D. #
11)	L3 AR-1232-1	4.837	0.000	1998	0	0.391	N.D. #
12)	L3 AR-1232-2	5.382	4.633f	1991	10117	0.760	7.792 #
13)	L3 AR-1232-3	5.663	4.872	1663	6043	0.335	8.600 #
14)	L3 AR-1232-4	5.836	4.872f	1542	6043	0.628	9.262 #
15)	L3 AR-1232-5	5.930	5.115	1758	5168	0.893	6.827 #
16)	L4 AR-1242-1	5.643	4.633	7629	10117	1.417	7.167 #
17)	L4 AR-1242-2	5.721	4.633f	8902	10117	1.096	5.189 #
18)	L4 AR-1242-3	5.738	4.872	4142	6043	0.826	5.645 #
19)	L4 AR-1242-4	5.836	4.872f	1542	6043	0.390	5.571 #
20)	L4 AR-1242-5	6.586	0.000	2557	0	0.574	N.D. #
21)	L5 AR-1248-1	5.663	4.633	1663	10117	0.440	10.601 #
22)	L5 AR-1248-2	5.949	4.872	1452	6043	0.273	4.290 #
23)	L5 AR-1248-3	6.155	0.000	2496	0	0.419	N.D. #
24)	L5 AR-1248-4	6.523	5.115	8080	5168	1.593	3.047 #
25)	L5 AR-1248-5	6.591	0.000	651	0	0.103	N.D. #
26)	L6 AR-1254-1	6.552	0.000	1402	0	0.202	N.D. #
27)	L6 AR-1254-2	6.767	5.587	5852	3988	0.546	1.731 #
28)	L6 AR-1254-3	7.121	6.040	69303	6912	6.199	1.907 #
29)	L6 AR-1254-4	7.370f	0.000	5452	0	0.684	N.D. #
30)	L6 AR-1254-5	7.843	0.000	2016	0	0.250	N.D. #
31)	L7 AR-1260-1	7.234f	0.000	3022	0	0.377	N.D. #
32)	L7 AR-1260-2	7.604f	0.000	95787	0	10.209	N.D. #
33)	L7 AR-1260-3	7.843f	6.471	2016	4480	0.286	1.632 #
34)	L7 AR-1260-4	8.180f	0.000	125058	0	15.883	N.D. #
35)	L7 AR-1260-5	8.484	0.000	46972	0	3.058	N.D. #
36)	L8 AR-1262-1	7.843f	6.773	2016	5709	0.185	3.867 #
37)	L8 AR-1262-2	8.484	0.000	46972	0	2.477	N.D. #
38)	L8 AR-1262-3	8.854f	7.488	56417	910	4.969	0.177 #
39)	L8 AR-1262-4	8.875	7.488f	5490	910	1.007	0.180 #
40)	L8 AR-1262-5	9.558	0.000	2758	0	0.444	N.D. #
41)	L9 AR-1268-1	8.854f	7.480	56417	2813	2.750	0.283 #

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 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

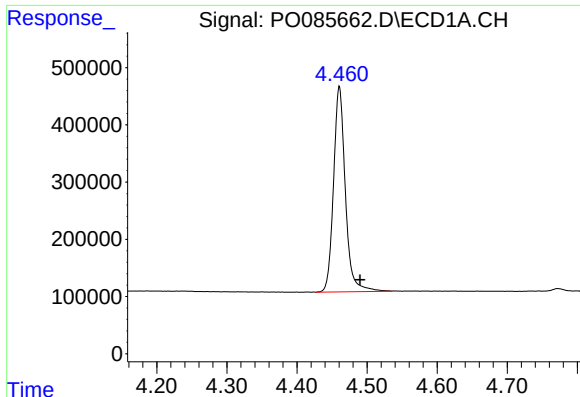
Instrument :
 ECD_O
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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
42) L9	AR-1268-2	8.875	7.488f	5490	910	0.271	0.131 #
43) L9	AR-1268-3	9.122	0.000	8244	0	0.503	N.D. #
44) L9	AR-1268-4	9.558	0.000	2758	0	0.392	N.D. #
45) L9	AR-1268-5	10.000	8.331	26322	6539	0.467	0.485

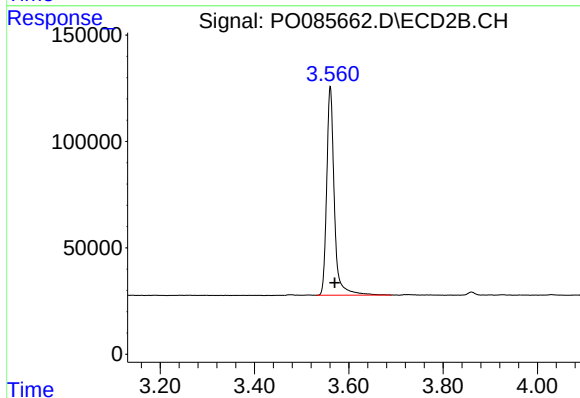
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

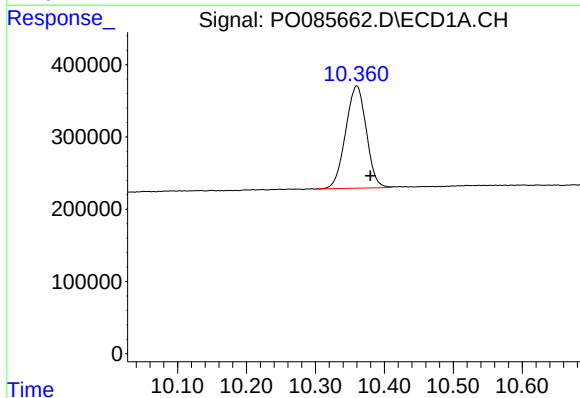
R.T.: 4.460 min
Delta R.T.: -0.030 min
Response: 4208797
Conc: 21.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



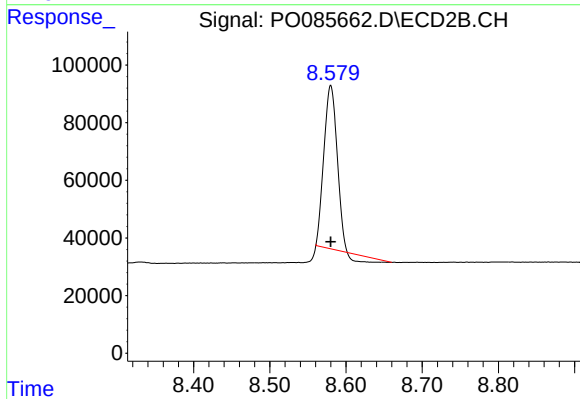
#1 Tetrachloro-m-xylene

R.T.: 3.561 min
Delta R.T.: -0.009 min
Response: 1098785
Conc: 23.23 ng/ml



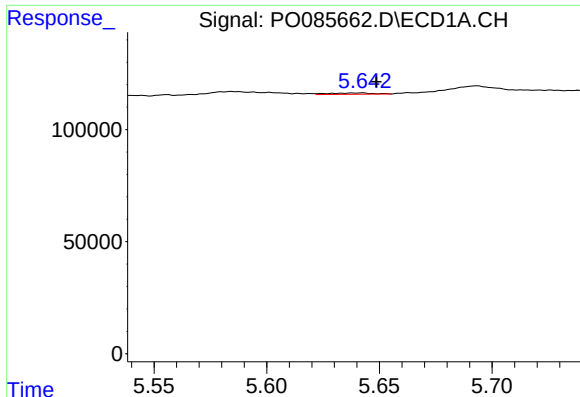
#2 Decachlorobiphenyl

R.T.: 10.360 min
Delta R.T.: -0.020 min
Response: 2947884
Conc: 22.97 ng/ml



#2 Decachlorobiphenyl

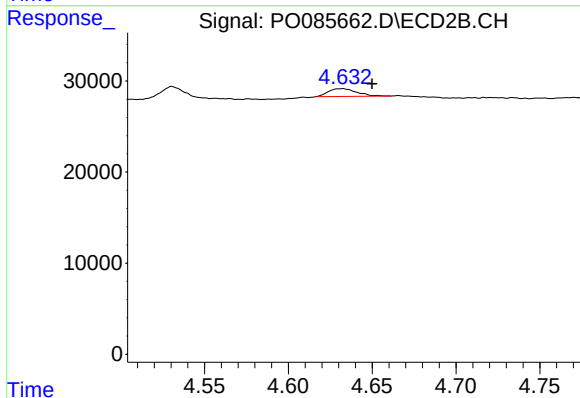
R.T.: 8.580 min
Delta R.T.: 0.000 min
Response: 641862
Conc: 18.28 ng/ml



#3 AR-1016-1

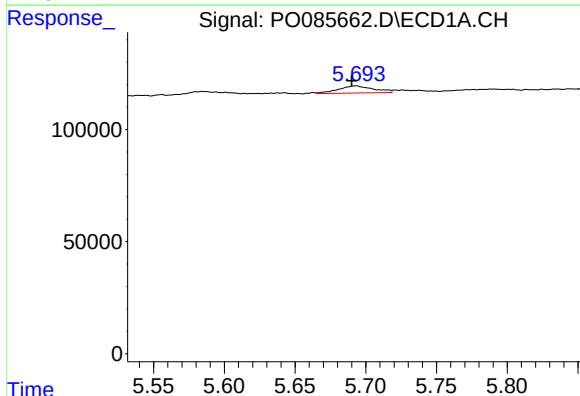
R.T.: 5.643 min
Delta R.T.: -0.006 min
Response: 7629
Conc: 1.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



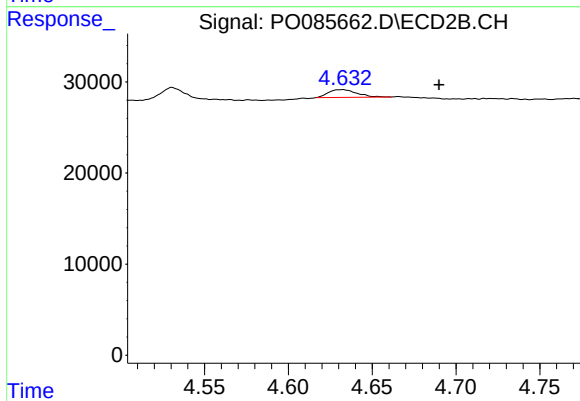
#3 AR-1016-1

R.T.: 4.633 min
Delta R.T.: -0.017 min
Response: 10117
Conc: 5.65 ng/ml



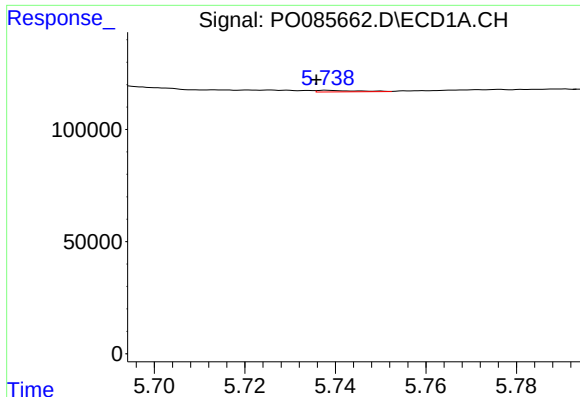
#4 AR-1016-2

R.T.: 5.693 min
Delta R.T.: 0.003 min
Response: 54900
Conc: 5.43 ng/ml



#4 AR-1016-2

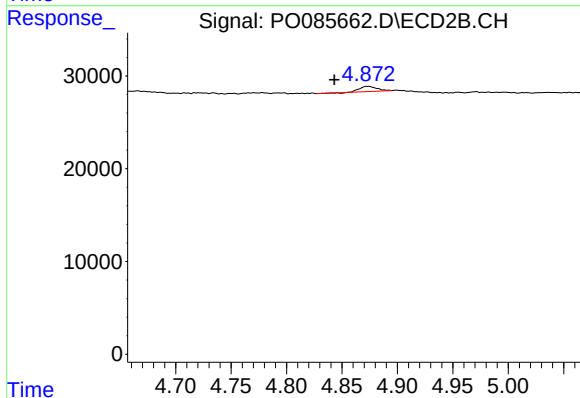
R.T.: 4.633 min
Delta R.T.: -0.057 min
Response: 10117
Conc: 3.99 ng/ml



#5 AR-1016-3

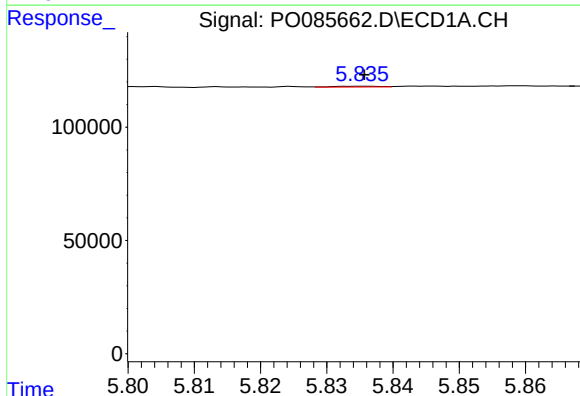
R.T.: 5.738 min
Delta R.T.: 0.002 min
Response: 4142
Conc: 0.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



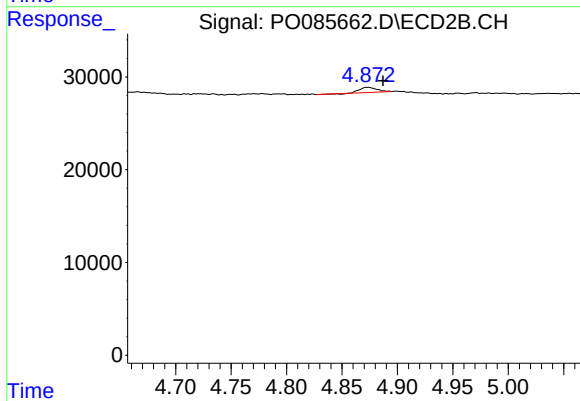
#5 AR-1016-3

R.T.: 4.872 min
Delta R.T.: 0.029 min
Response: 6043
Conc: 4.35 ng/ml



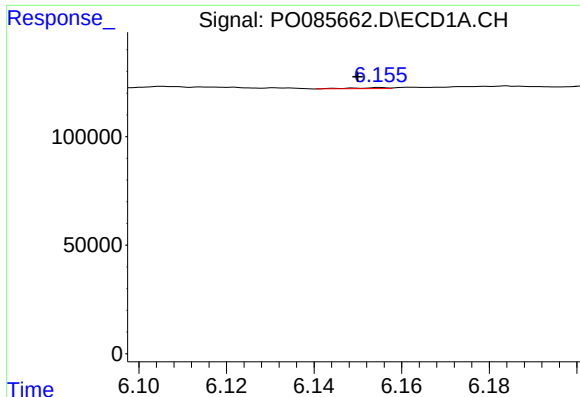
#6 AR-1016-4

R.T.: 5.836 min
Delta R.T.: 0.000 min
Response: 1542
Conc: 0.32 ng/ml



#6 AR-1016-4

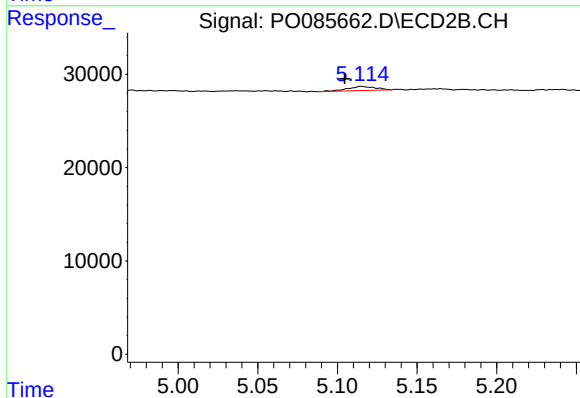
R.T.: 4.872 min
Delta R.T.: -0.015 min
Response: 6043
Conc: 5.16 ng/ml



#7 AR-1016-5

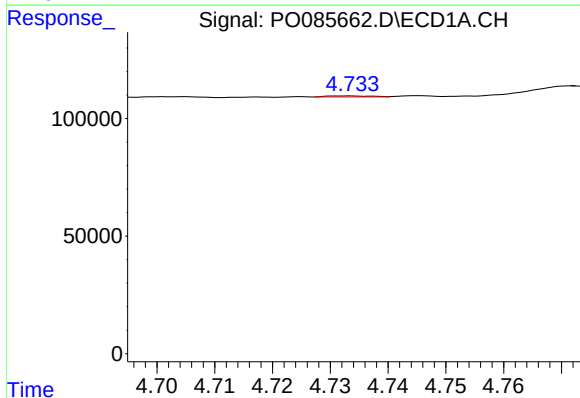
R.T.: 6.155 min
Delta R.T.: 0.005 min
Response: 2496
Conc: 0.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



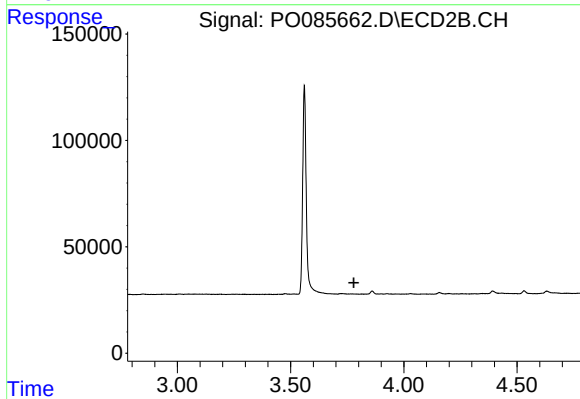
#7 AR-1016-5

R.T.: 5.115 min
Delta R.T.: 0.010 min
Response: 5168
Conc: 3.82 ng/ml



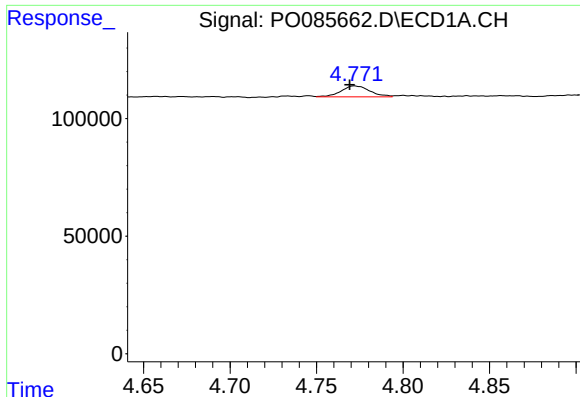
#8 AR-1221-1

R.T.: 4.734 min
Delta R.T.: 0.053 min
Response: 2314
Conc: 1.03 ng/ml



#8 AR-1221-1

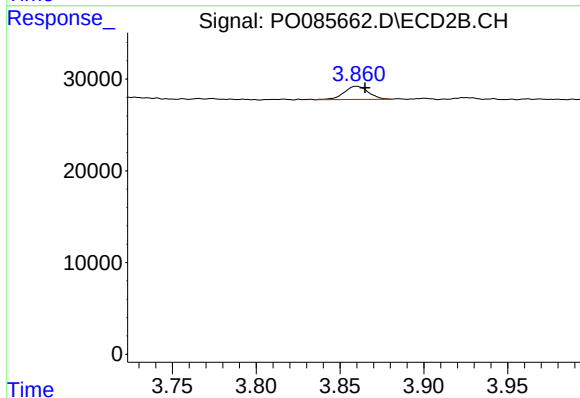
R.T.: 0.000 min
Exp R.T. : 3.780 min
Response: 0
Conc: N.D.



#9 AR-1221-2

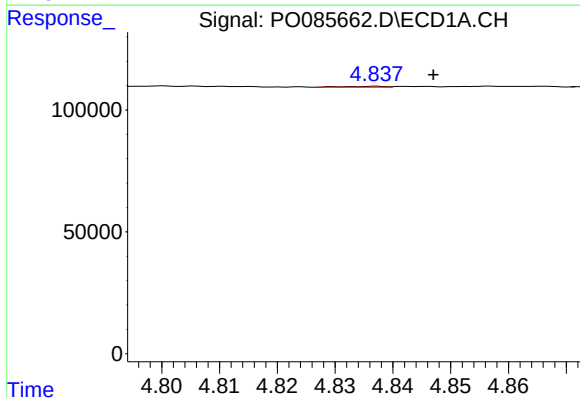
R.T.: 4.772 min
Delta R.T.: 0.003 min
Response: 53706
Conc: 29.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



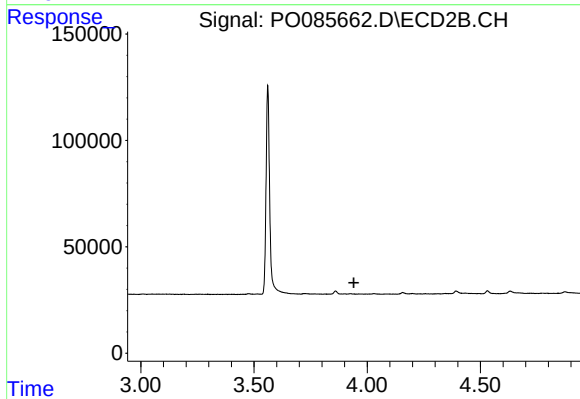
#9 AR-1221-2

R.T.: 3.860 min
Delta R.T.: -0.005 min
Response: 14619
Conc: 30.95 ng/ml



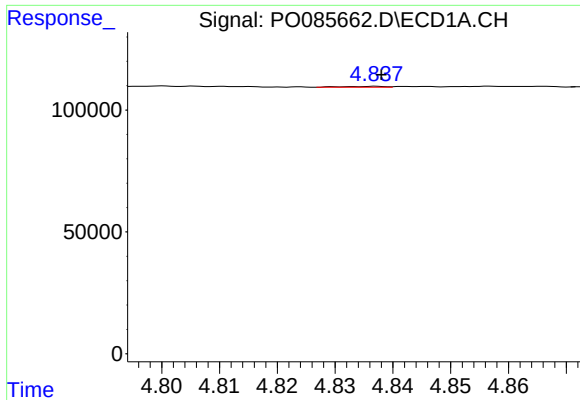
#10 AR-1221-3

R.T.: 4.837 min
Delta R.T.: -0.010 min
Response: 1998
Conc: 0.37 ng/ml



#10 AR-1221-3

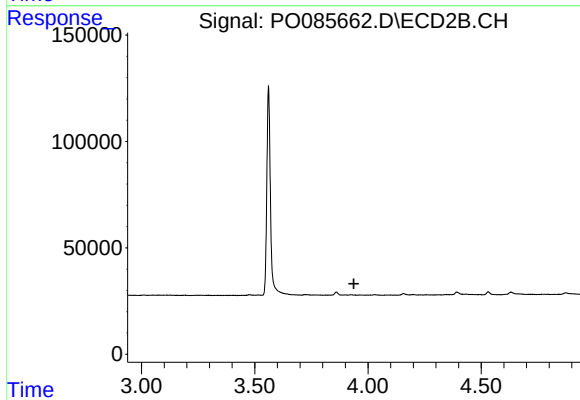
R.T.: 0.000 min
Exp R.T.: 3.941 min
Response: 0
Conc: N.D.



#11 AR-1232-1

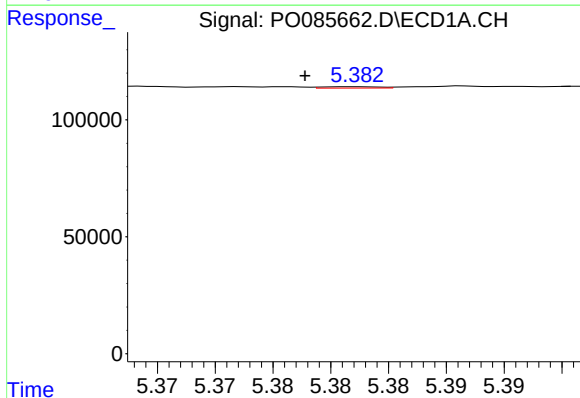
R.T.: 4.837 min
Delta R.T.: 0.000 min
Response: 1998
Conc: 0.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



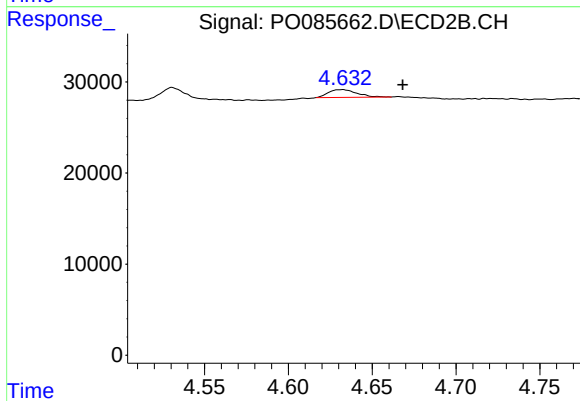
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.938 min
Response: 0
Conc: N.D.



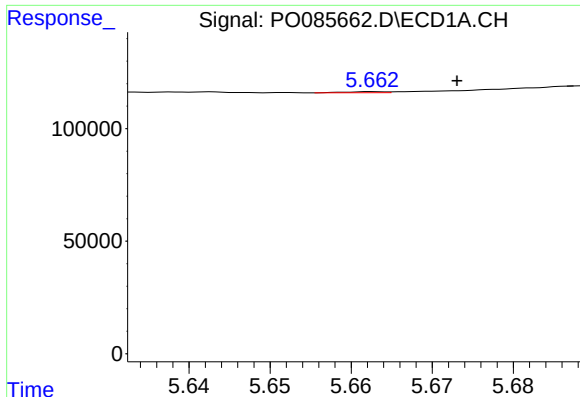
#12 AR-1232-2

R.T.: 5.382 min
Delta R.T.: 0.004 min
Response: 1991
Conc: 0.76 ng/ml



#12 AR-1232-2

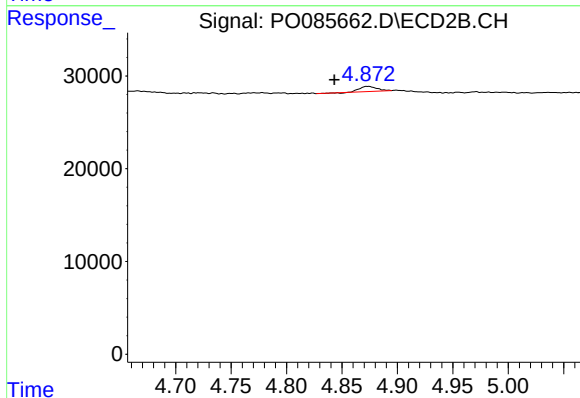
R.T.: 4.633 min
Delta R.T.: -0.036 min
Response: 10117
Conc: 7.79 ng/ml



#13 AR-1232-3

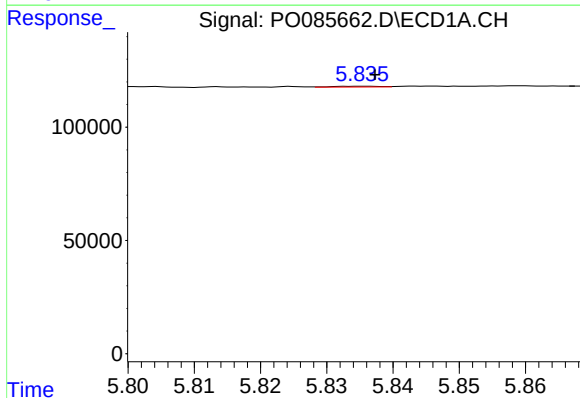
R.T.: 5.663 min
Delta R.T.: -0.010 min
Response: 1663
Conc: 0.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



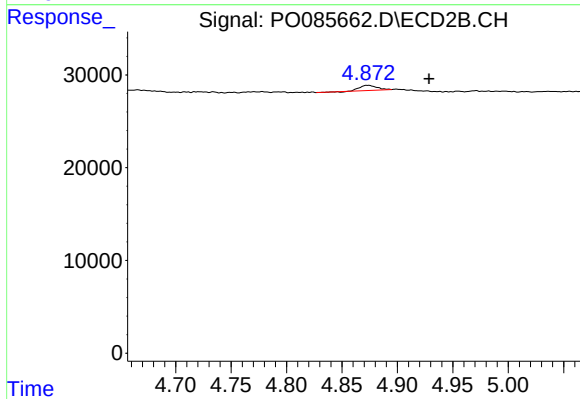
#13 AR-1232-3

R.T.: 4.872 min
Delta R.T.: 0.029 min
Response: 6043
Conc: 8.60 ng/ml



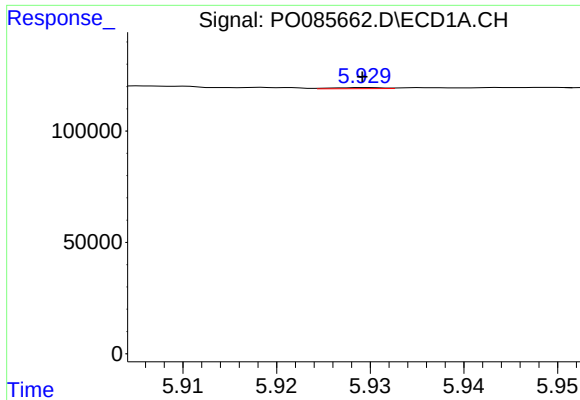
#14 AR-1232-4

R.T.: 5.836 min
Delta R.T.: -0.002 min
Response: 1542
Conc: 0.63 ng/ml



#14 AR-1232-4

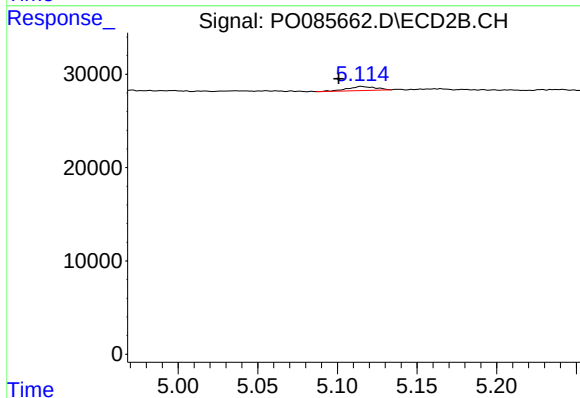
R.T.: 4.872 min
Delta R.T.: -0.056 min
Response: 6043
Conc: 9.26 ng/ml



#15 AR-1232-5

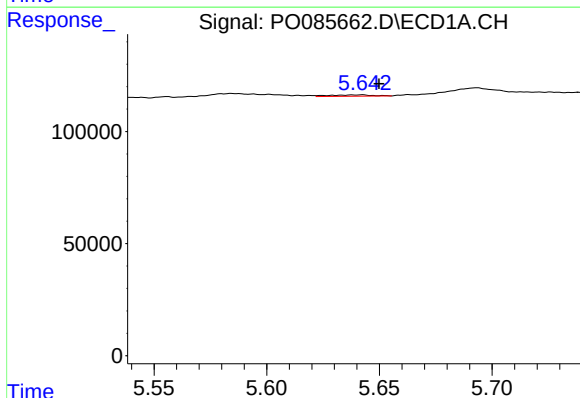
R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 1758
Conc: 0.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



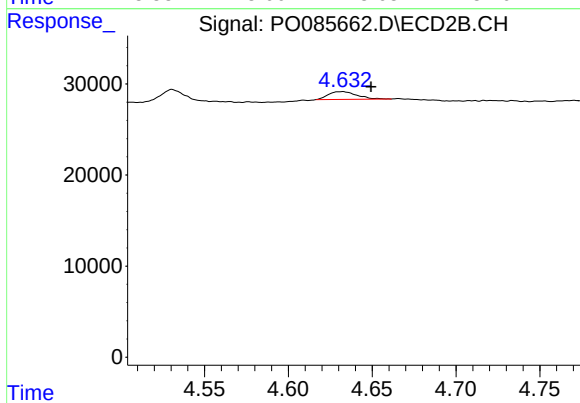
#15 AR-1232-5

R.T.: 5.115 min
Delta R.T.: 0.014 min
Response: 5168
Conc: 6.83 ng/ml



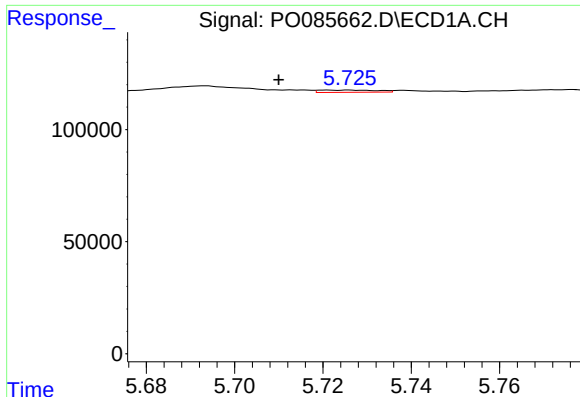
#16 AR-1242-1

R.T.: 5.643 min
Delta R.T.: -0.007 min
Response: 7629
Conc: 1.42 ng/ml



#16 AR-1242-1

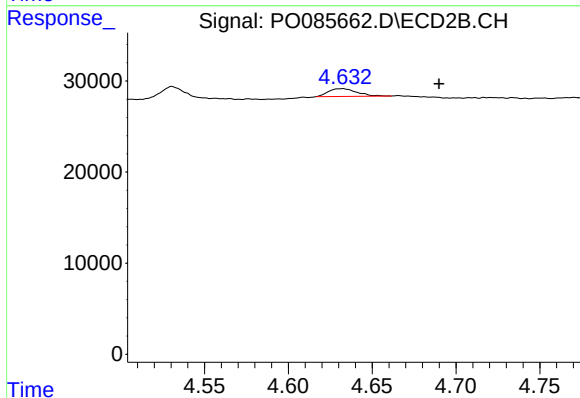
R.T.: 4.633 min
Delta R.T.: -0.017 min
Response: 10117
Conc: 7.17 ng/ml



#17 AR-1242-2

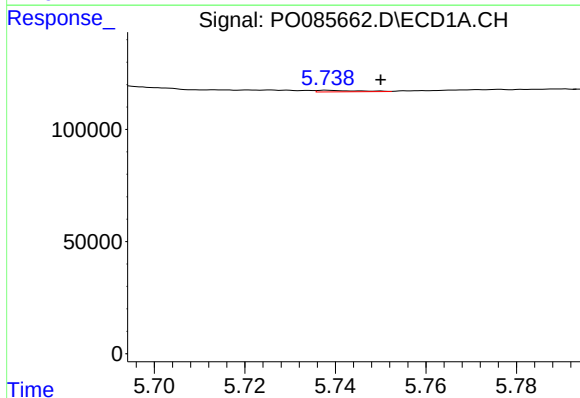
R.T.: 5.721 min
Delta R.T.: 0.011 min
Response: 8902
Conc: 1.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



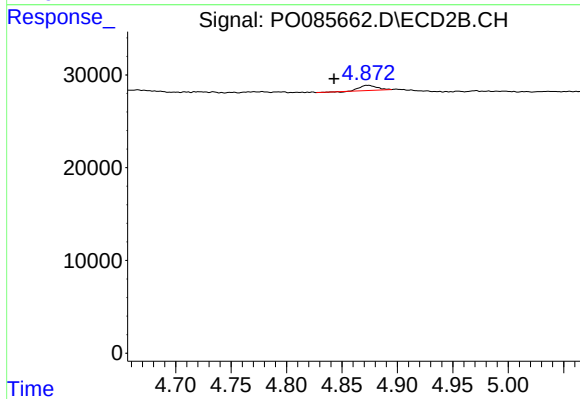
#17 AR-1242-2

R.T.: 4.633 min
Delta R.T.: -0.057 min
Response: 10117
Conc: 5.19 ng/ml



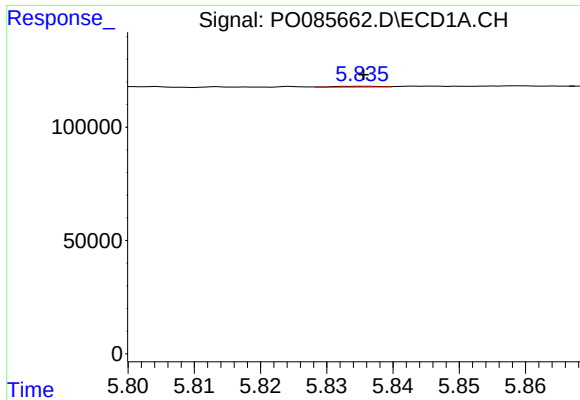
#18 AR-1242-3

R.T.: 5.738 min
Delta R.T.: -0.012 min
Response: 4142
Conc: 0.83 ng/ml



#18 AR-1242-3

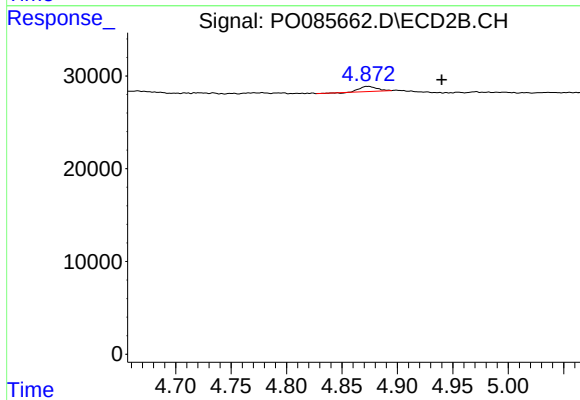
R.T.: 4.872 min
Delta R.T.: 0.030 min
Response: 6043
Conc: 5.64 ng/ml



#19 AR-1242-4

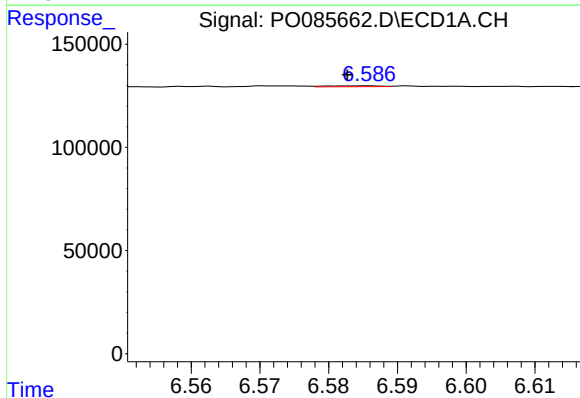
R.T.: 5.836 min
Delta R.T.: 0.000 min
Response: 1542
Conc: 0.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



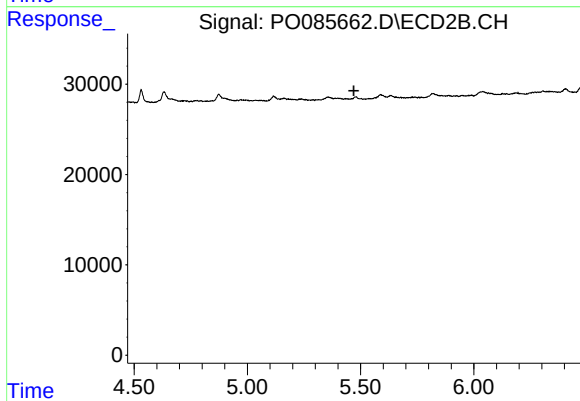
#19 AR-1242-4

R.T.: 4.872 min
Delta R.T.: -0.068 min
Response: 6043
Conc: 5.57 ng/ml



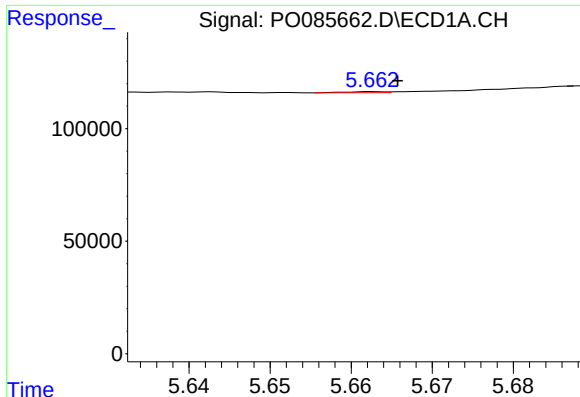
#20 AR-1242-5

R.T.: 6.586 min
Delta R.T.: 0.003 min
Response: 2557
Conc: 0.57 ng/ml



#20 AR-1242-5

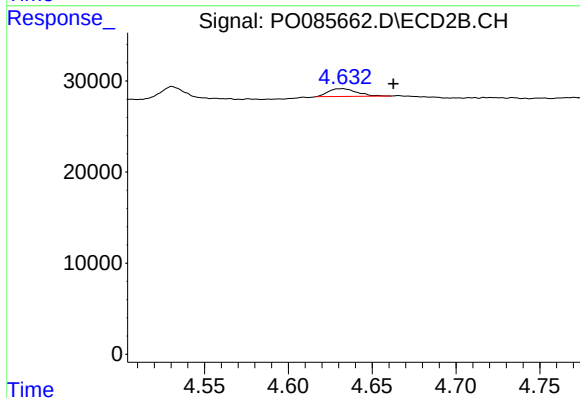
R.T.: 0.000 min
Exp R.T.: 5.470 min
Response: 0
Conc: N.D.



#21 AR-1248-1

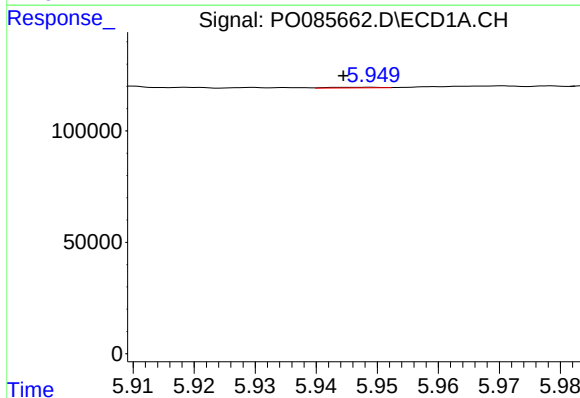
R.T.: 5.663 min
Delta R.T.: -0.003 min
Response: 1663
Conc: 0.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



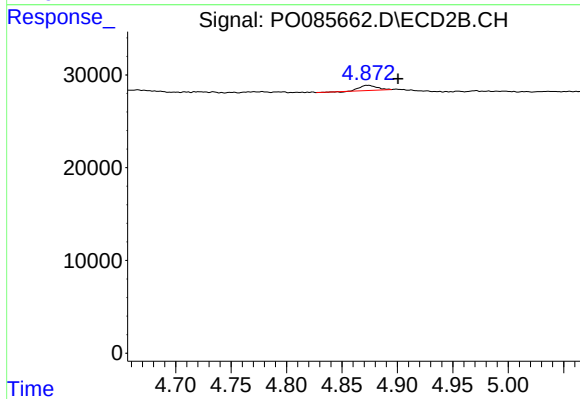
#21 AR-1248-1

R.T.: 4.633 min
Delta R.T.: -0.030 min
Response: 10117
Conc: 10.60 ng/ml



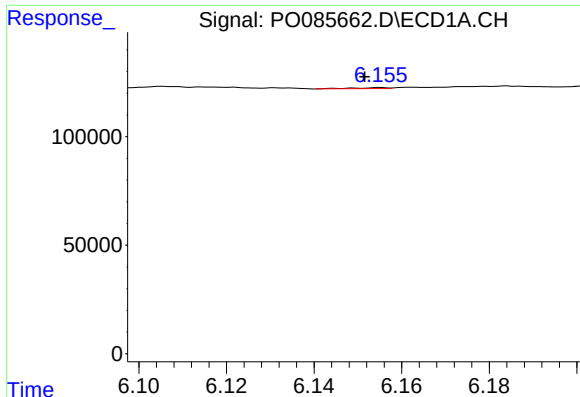
#22 AR-1248-2

R.T.: 5.949 min
Delta R.T.: 0.005 min
Response: 1452
Conc: 0.27 ng/ml



#22 AR-1248-2

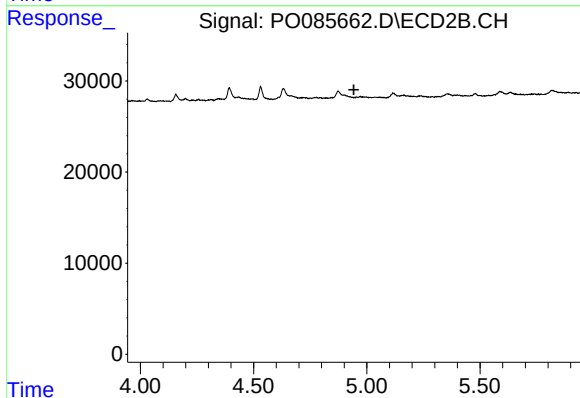
R.T.: 4.872 min
Delta R.T.: -0.028 min
Response: 6043
Conc: 4.29 ng/ml



#23 AR-1248-3

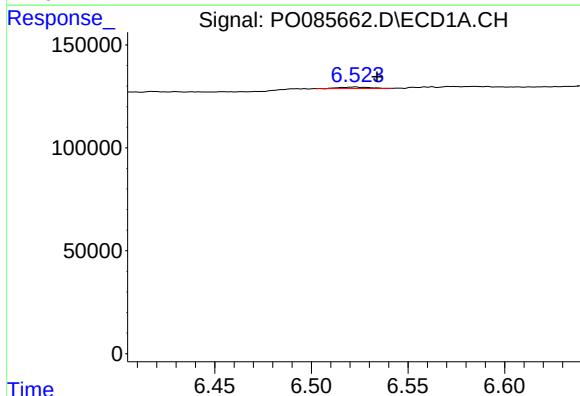
R.T.: 6.155 min
Delta R.T.: 0.003 min
Response: 2496
Conc: 0.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



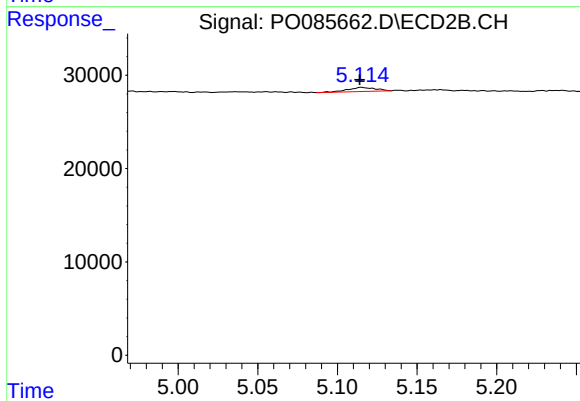
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.942 min
Response: 0
Conc: N.D.



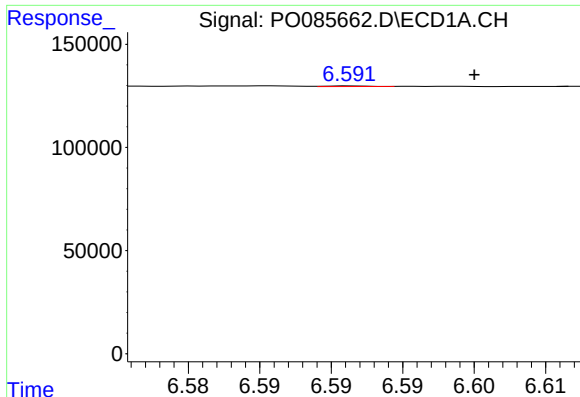
#24 AR-1248-4

R.T.: 6.523 min
Delta R.T.: -0.011 min
Response: 8080
Conc: 1.59 ng/ml



#24 AR-1248-4

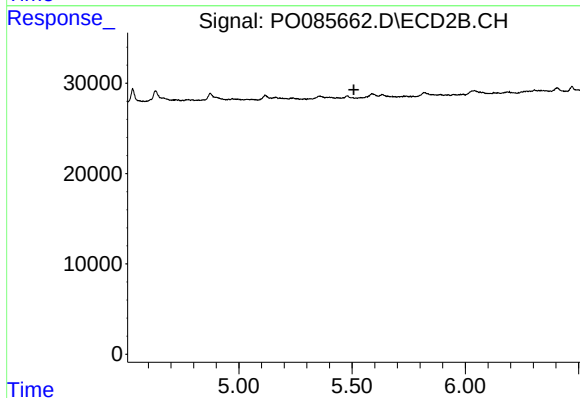
R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 5168
Conc: 3.05 ng/ml



#25 AR-1248-5

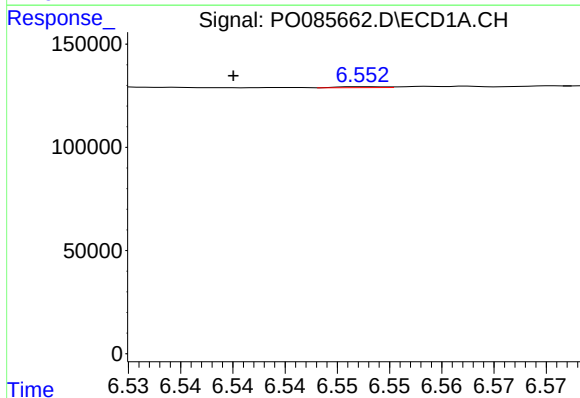
R.T.: 6.591 min
Delta R.T.: -0.009 min
Response: 651
Conc: 0.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



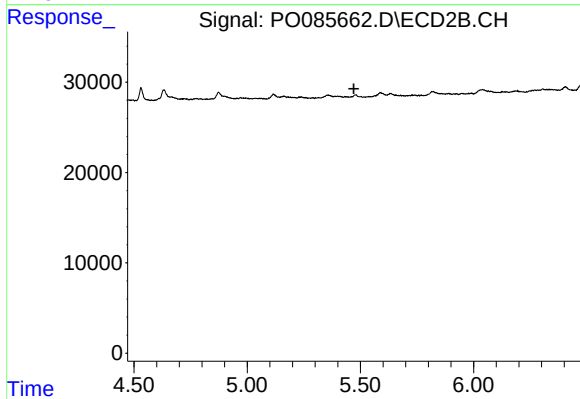
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.508 min
Response: 0
Conc: N.D.



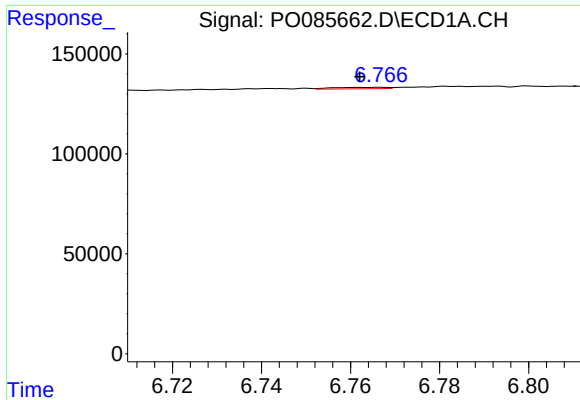
#26 AR-1254-1

R.T.: 6.552 min
Delta R.T.: 0.012 min
Response: 1402
Conc: 0.20 ng/ml



#26 AR-1254-1

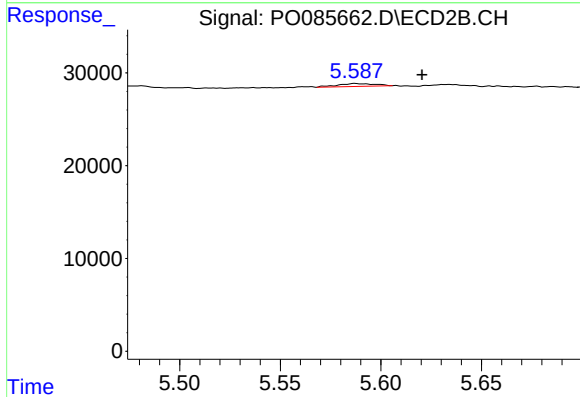
R.T.: 0.000 min
Exp R.T. : 5.471 min
Response: 0
Conc: N.D.



#27 AR-1254-2

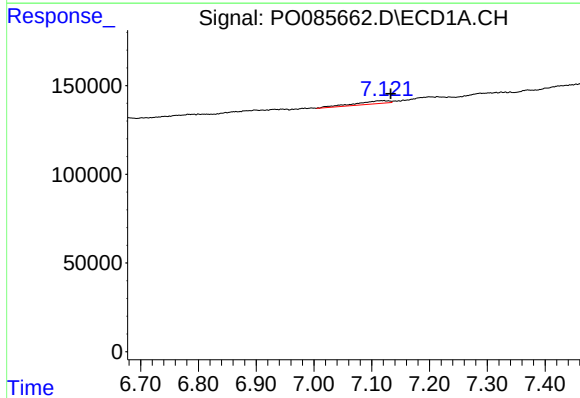
R.T.: 6.767 min
Delta R.T.: 0.005 min
Response: 5852
Conc: 0.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



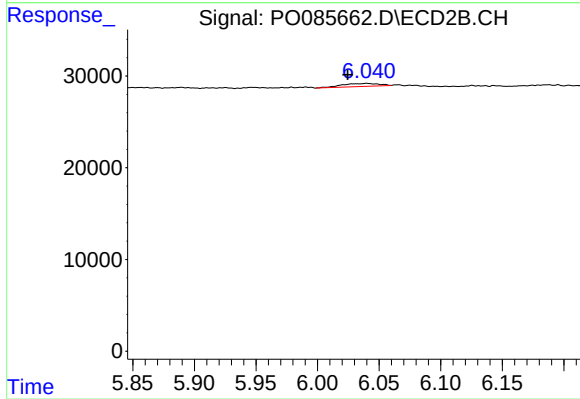
#27 AR-1254-2

R.T.: 5.587 min
Delta R.T.: -0.034 min
Response: 3988
Conc: 1.73 ng/ml



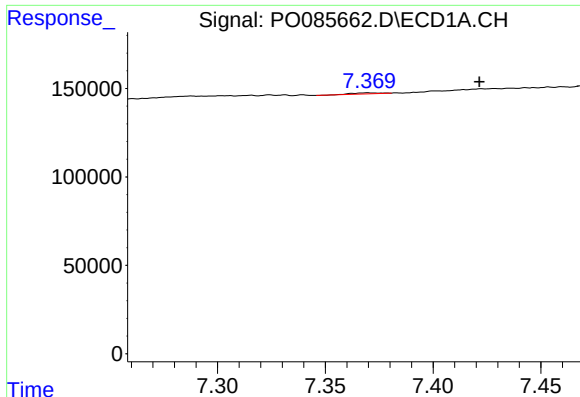
#28 AR-1254-3

R.T.: 7.121 min
Delta R.T.: -0.012 min
Response: 69303
Conc: 6.20 ng/ml



#28 AR-1254-3

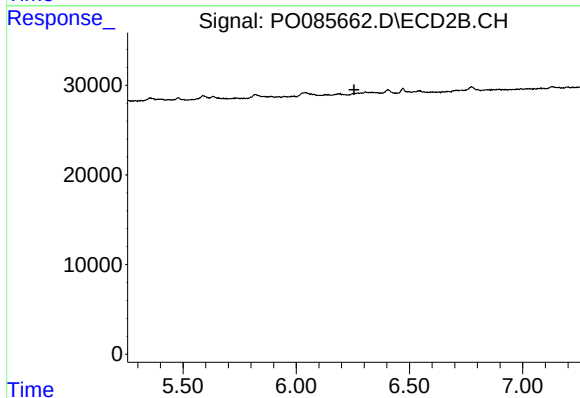
R.T.: 6.040 min
Delta R.T.: 0.015 min
Response: 6912
Conc: 1.91 ng/ml



#29 AR-1254-4

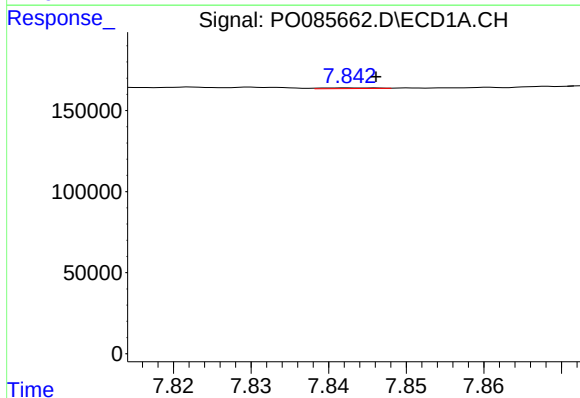
R.T.: 7.370 min
Delta R.T.: -0.052 min
Response: 5452
Conc: 0.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



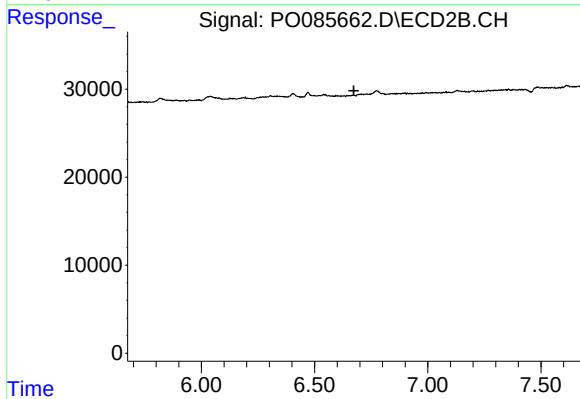
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.255 min
Response: 0
Conc: N.D.



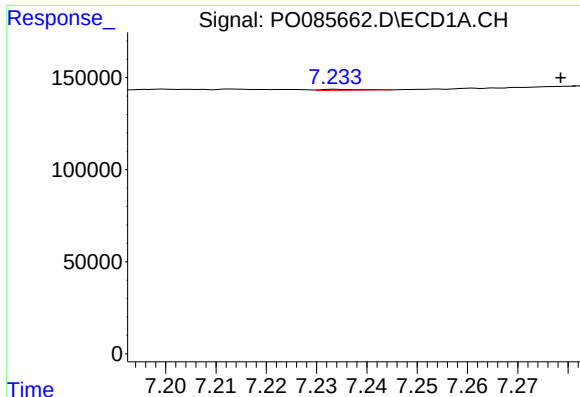
#30 AR-1254-5

R.T.: 7.843 min
Delta R.T.: -0.004 min
Response: 2016
Conc: 0.25 ng/ml



#30 AR-1254-5

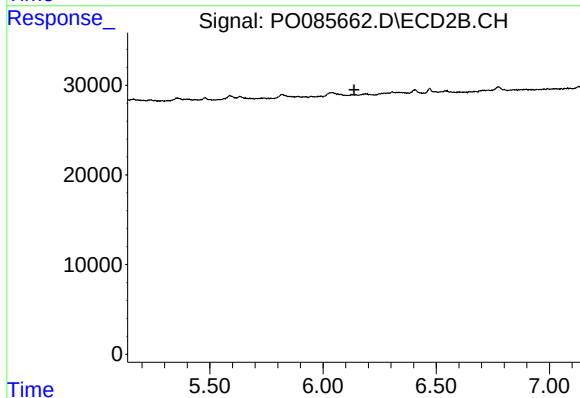
R.T.: 0.000 min
Exp R.T. : 6.674 min
Response: 0
Conc: N.D.



#31 AR-1260-1

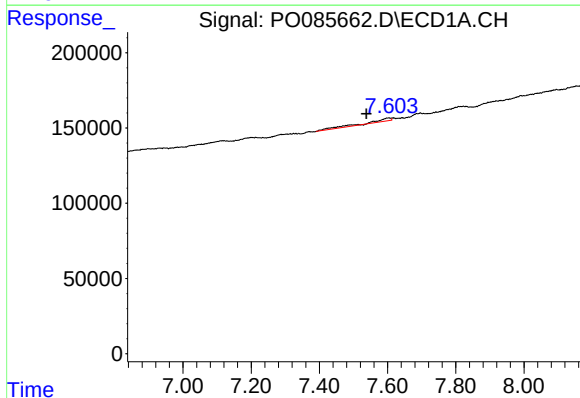
R.T.: 7.234 min
Delta R.T.: -0.044 min
Response: 3022
Conc: 0.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



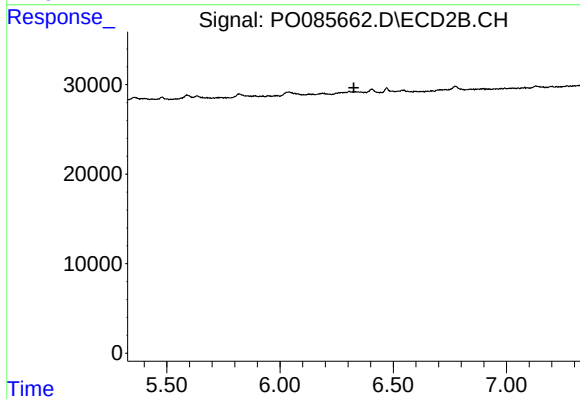
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.137 min
Response: 0
Conc: N.D.



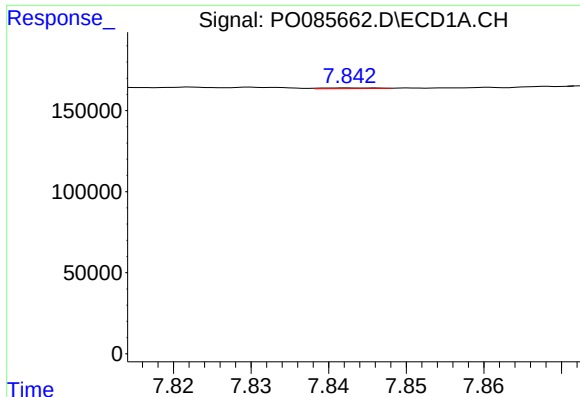
#32 AR-1260-2

R.T.: 7.604 min
Delta R.T.: 0.066 min
Response: 95787
Conc: 10.21 ng/ml



#32 AR-1260-2

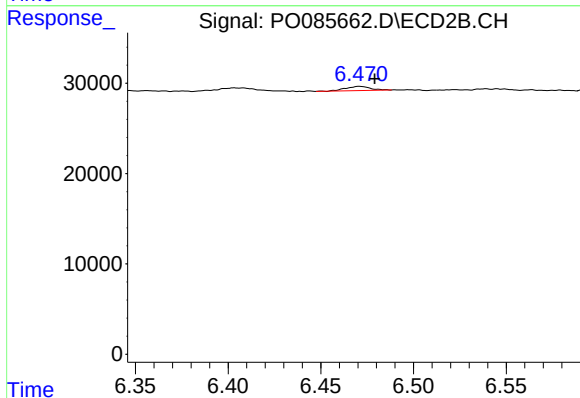
R.T.: 0.000 min
Exp R.T. : 6.326 min
Response: 0
Conc: N.D.



#33 AR-1260-3

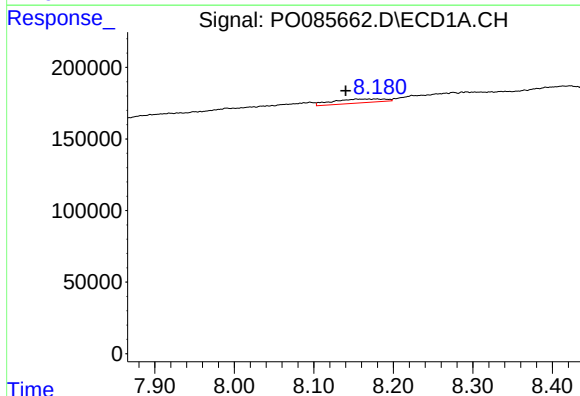
R.T.: 7.843 min
Delta R.T.: -0.067 min
Response: 2016
Conc: 0.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



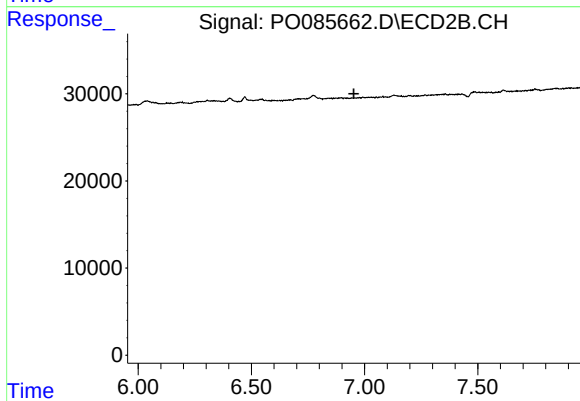
#33 AR-1260-3

R.T.: 6.471 min
Delta R.T.: -0.008 min
Response: 4480
Conc: 1.63 ng/ml



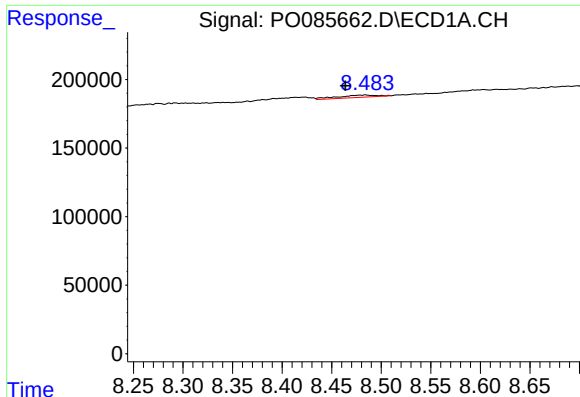
#34 AR-1260-4

R.T.: 8.180 min
Delta R.T.: 0.040 min
Response: 125058
Conc: 15.88 ng/ml



#34 AR-1260-4

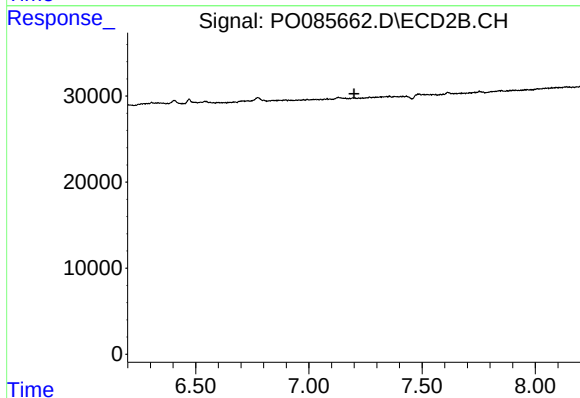
R.T.: 0.000 min
Exp R.T.: 6.953 min
Response: 0
Conc: N.D.



#35 AR-1260-5

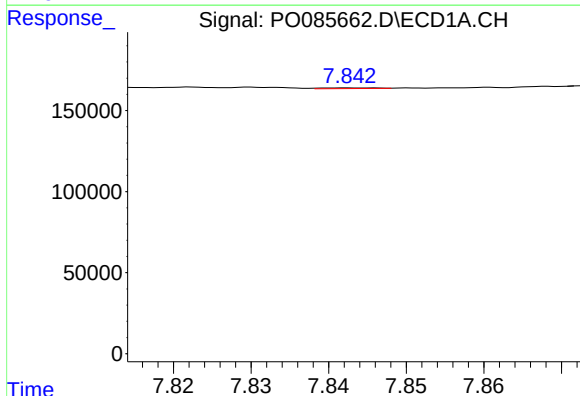
R.T.: 8.484 min
Delta R.T.: 0.020 min
Response: 46972
Conc: 3.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



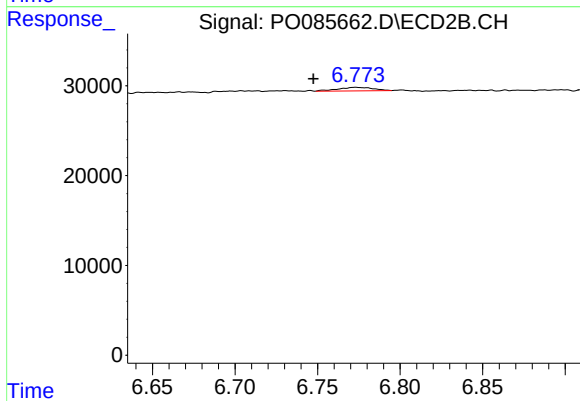
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.199 min
Response: 0
Conc: N.D.



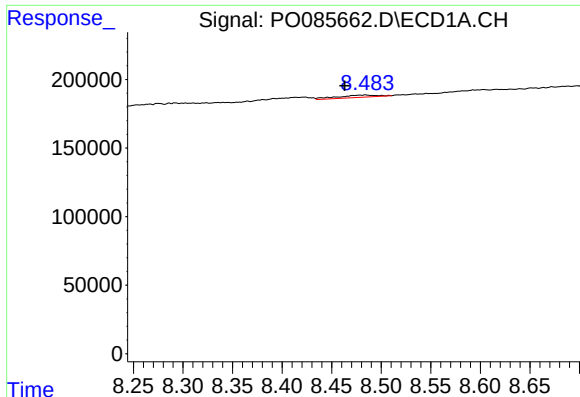
#36 AR-1262-1

R.T.: 7.843 min
Delta R.T.: -0.060 min
Response: 2016
Conc: 0.18 ng/ml



#36 AR-1262-1

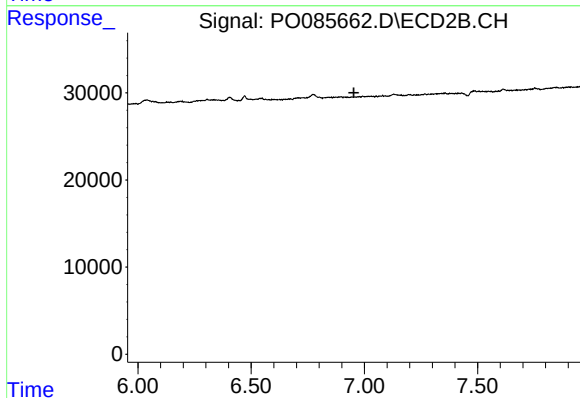
R.T.: 6.773 min
Delta R.T.: 0.026 min
Response: 5709
Conc: 3.87 ng/ml



#37 AR-1262-2

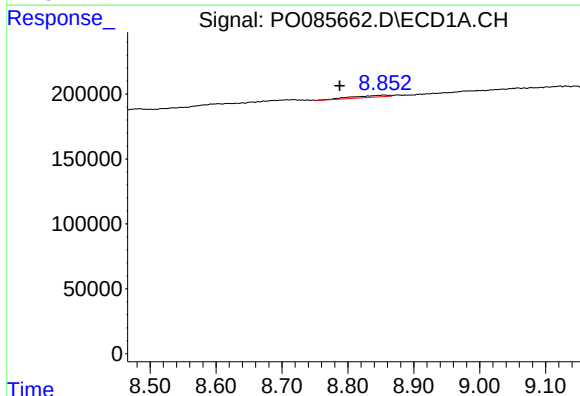
R.T.: 8.484 min
Delta R.T.: 0.021 min
Response: 46972
Conc: 2.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



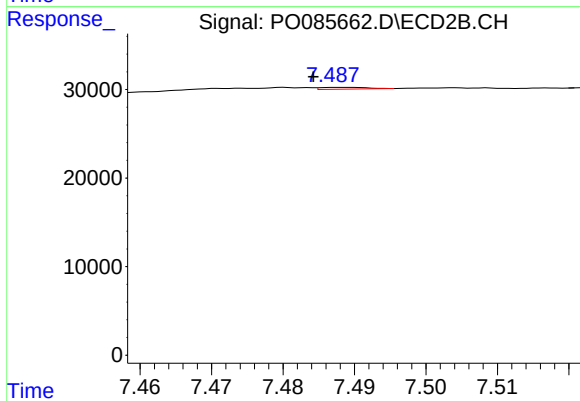
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 6.954 min
Response: 0
Conc: N.D.



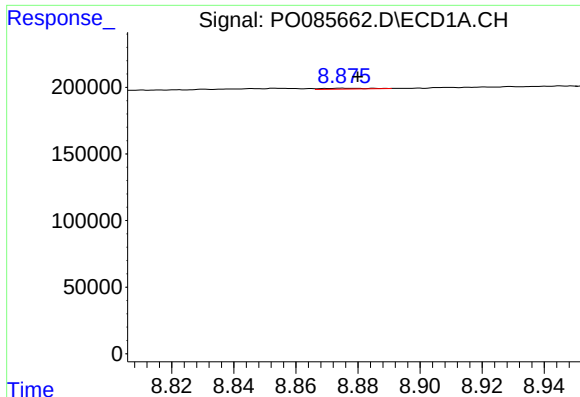
#38 AR-1262-3

R.T.: 8.854 min
Delta R.T.: 0.066 min
Response: 56417
Conc: 4.97 ng/ml



#38 AR-1262-3

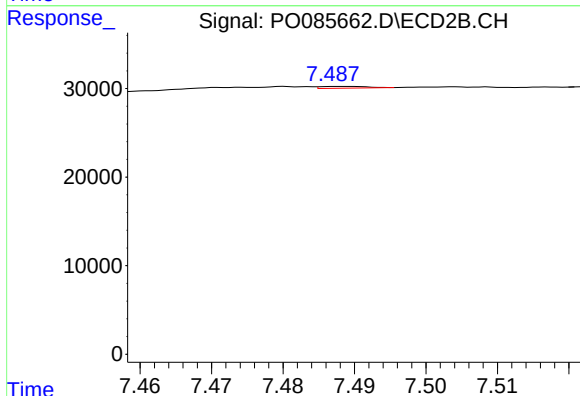
R.T.: 7.488 min
Delta R.T.: 0.004 min
Response: 910
Conc: 0.18 ng/ml



#39 AR-1262-4

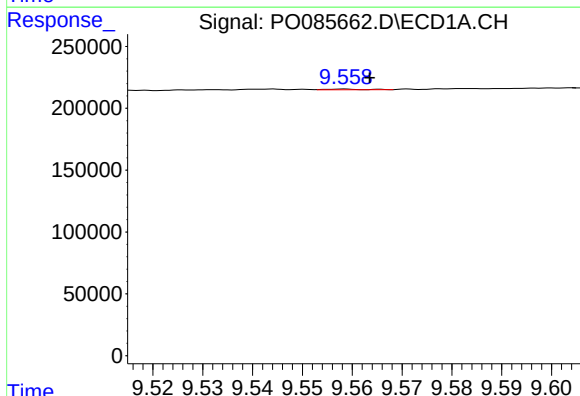
R.T.: 8.875 min
Delta R.T.: -0.005 min
Response: 5490
Conc: 1.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



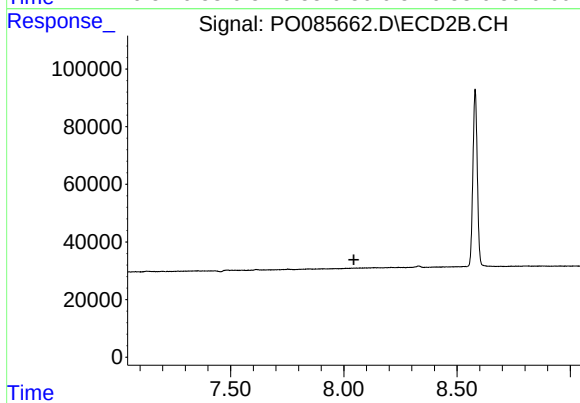
#39 AR-1262-4

R.T.: 7.488 min
Delta R.T.: -0.059 min
Response: 910
Conc: 0.18 ng/ml



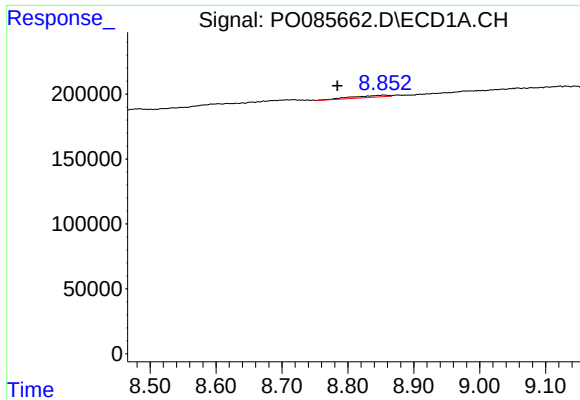
#40 AR-1262-5

R.T.: 9.558 min
Delta R.T.: -0.005 min
Response: 2758
Conc: 0.44 ng/ml



#40 AR-1262-5

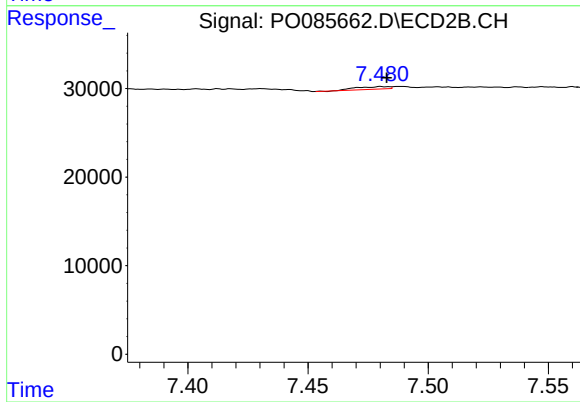
R.T.: 0.000 min
Exp R.T. : 8.044 min
Response: 0
Conc: N.D.



#41 AR-1268-1

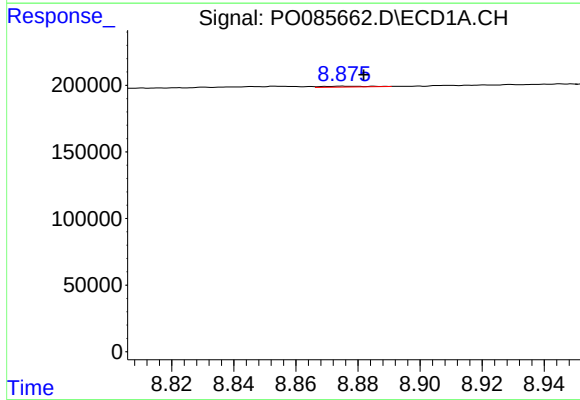
R.T.: 8.854 min
Delta R.T.: 0.070 min
Response: 56417
Conc: 2.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



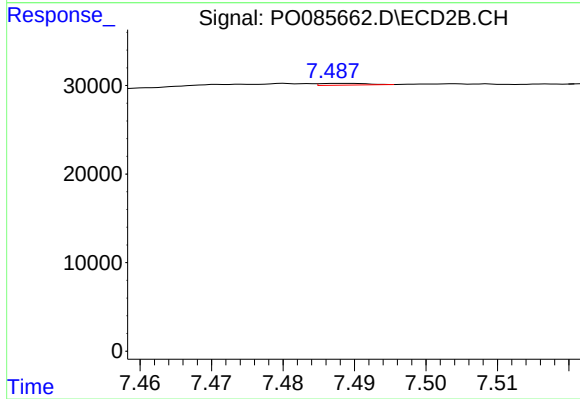
#41 AR-1268-1

R.T.: 7.480 min
Delta R.T.: -0.003 min
Response: 2813
Conc: 0.28 ng/ml



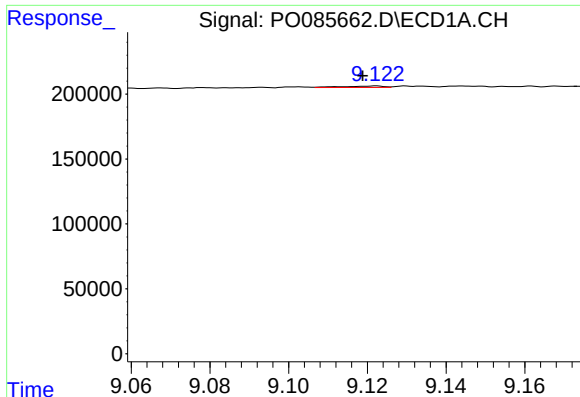
#42 AR-1268-2

R.T.: 8.875 min
Delta R.T.: -0.007 min
Response: 5490
Conc: 0.27 ng/ml



#42 AR-1268-2

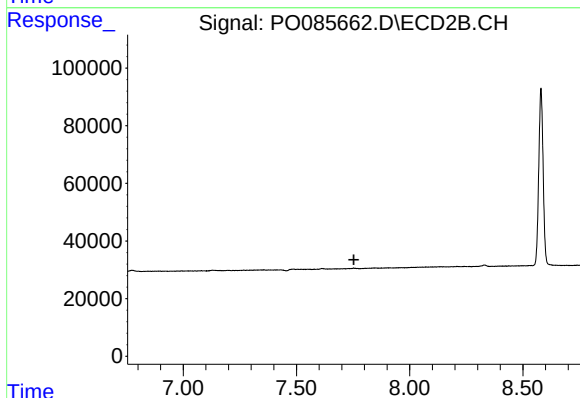
R.T.: 7.488 min
Delta R.T.: -0.059 min
Response: 910
Conc: 0.13 ng/ml



#43 AR-1268-3

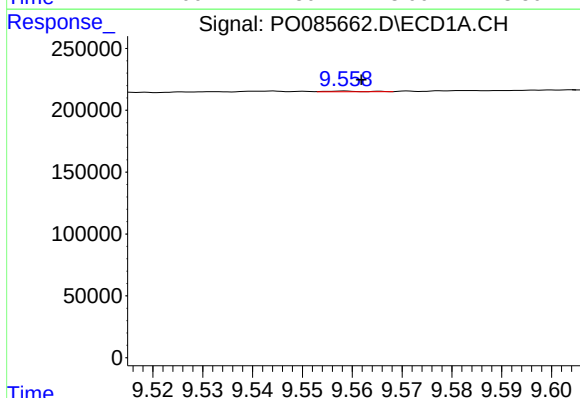
R.T.: 9.122 min
Delta R.T.: 0.003 min
Response: 8244
Conc: 0.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



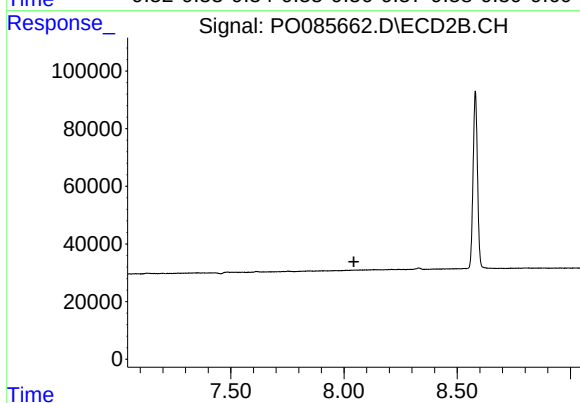
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.754 min
Response: 0
Conc: N.D.



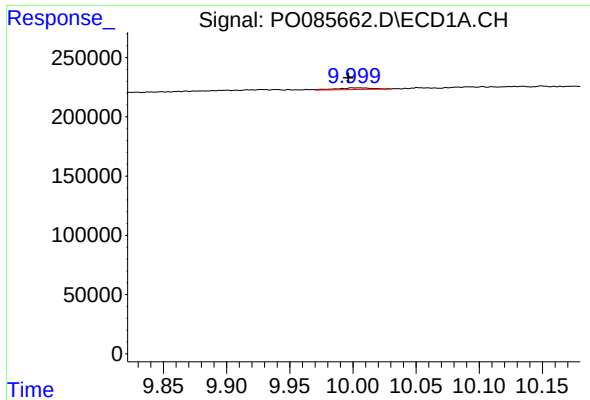
#44 AR-1268-4

R.T.: 9.558 min
Delta R.T.: -0.004 min
Response: 2758
Conc: 0.39 ng/ml



#44 AR-1268-4

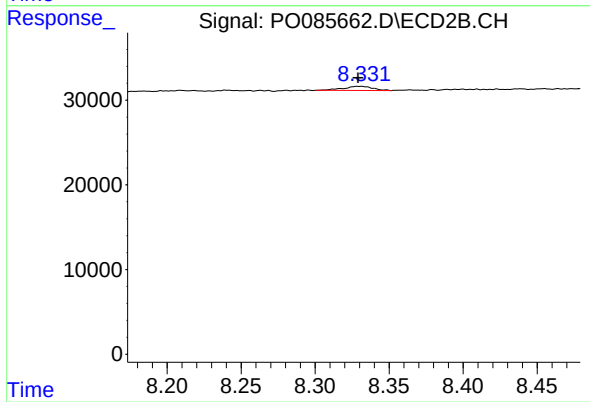
R.T.: 0.000 min
Exp R.T. : 8.044 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.000 min
Delta R.T.: 0.003 min
Response: 26322
Conc: 0.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



#45 AR-1268-5

R.T.: 8.331 min
Delta R.T.: 0.002 min
Response: 6539
Conc: 0.48 ng/ml