

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101019\
 Data File : PO061869.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Oct 2019 18:02
 Operator : HP/AJ
 Sample : K5297-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-4

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 03:16:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 10 11:46:12 2019
 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...	4.352	3.513	809509	573238	19.737	17.726
2)	SA Decachlor...	10.009	8.434	529800	571	11.376	0.018 #
Target Compounds							
3)	L1 AR-1016-1	5.535	4.582	9253	28174	5.046	20.952 #
4)	L1 AR-1016-2	5.583	4.610	22688	4673	8.777	2.521 #
5)	L1 AR-1016-3	5.633	4.779	14267	1931	8.881	1.928 #
6)	L1 AR-1016-4	5.712	4.829	13951	8808	10.435	10.165
7)	L1 AR-1016-5	5.991	5.029	1715	1720	1.251	1.507
8)	L2 AR-1221-1	4.581	3.725	1615	2697	3.494	6.811 #
9)	L2 AR-1221-2	4.657	3.801	10546	11529	29.375	37.385 #
10)	L2 AR-1221-3	4.733	3.876	3394	1092	2.981	1.197 #
11)	L3 AR-1232-1	4.733	3.876	3394	1092	2.427	0.972 #
12)	L3 AR-1232-2	5.250	4.582	1978	28174	2.521	23.080 #
13)	L3 AR-1232-3	5.535	4.771	9253	2019	5.415	3.059 #
14)	L3 AR-1232-4	5.712	4.854	13951	8292	15.768	13.155
15)	L3 AR-1232-5	5.788	5.019	19512	329	28.142	0.480 #
16)	L4 AR-1242-1	5.535	4.582	9253	28174	6.515	27.500 #
17)	L4 AR-1242-2	5.535	4.582	9253	28174	4.604	19.978 #
18)	L4 AR-1242-3	5.633	4.753	14267	6229	11.306	7.977 #
19)	L4 AR-1242-4	5.712	4.829	13951	8808	13.277	10.734
20)	L4 AR-1242-5	6.397	5.339	9138	12957	6.832	12.095 #
21)	L5 AR-1248-1	5.535	4.582	9253	28174	7.876	31.486 #
22)	L5 AR-1248-2	5.832	4.829	23699	8808	14.047	7.476 #
23)	L5 AR-1248-3	5.991	4.854	1715	8292	0.918	6.680 #
24)	L5 AR-1248-4	6.397	5.029	9138	1720	3.867	1.144 #
25)	L5 AR-1248-5	6.502	5.411	113097	2387	49.879	1.556 #
26)	L6 AR-1254-1	6.367	5.339	13157	12957	5.767	5.907
27)	L6 AR-1254-2	6.581	5.507	67200	7471	18.599	3.811 #
28)	L6 AR-1254-3	6.956	5.892	22487	8327	5.755	2.615 #
29)	L6 AR-1254-4	7.260	6.119	2009	1061	0.663	0.523
30)	L6 AR-1254-5	7.681	6.534	2328	1081	0.741	0.382 #
31)	L7 AR-1260-1	7.140	6.047	1179	2321	0.452	1.138 #
32)	L7 AR-1260-2	7.415	6.187	6103	4971	1.914	2.070
33)	L7 AR-1260-3	7.787	6.340	20669	6532	8.606	2.899 #
34)	L7 AR-1260-4	7.948	6.843	47837	3144	17.903	1.703 #
35)	L7 AR-1260-5	8.302	7.039	8168	5127	1.651	1.317
36)	L8 AR-1262-1	7.731	6.605	10482	906	2.736	0.742 #
37)	L8 AR-1262-2	8.261	7.039	32025	5127	5.159	1.115 #
38)	L8 AR-1262-3	8.582	7.338	28147	936	6.772	0.497 #
39)	L8 AR-1262-4	8.660	7.384	21697	6903	6.873	2.054 #
40)	L8 AR-1262-5	9.290	7.887	20041	893	9.855	0.589 #
41)	L9 AR-1268-1	8.582	7.338	28147	936	4.186	0.194 #

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 ALS Vial : 20 Sample Multiplier: 1

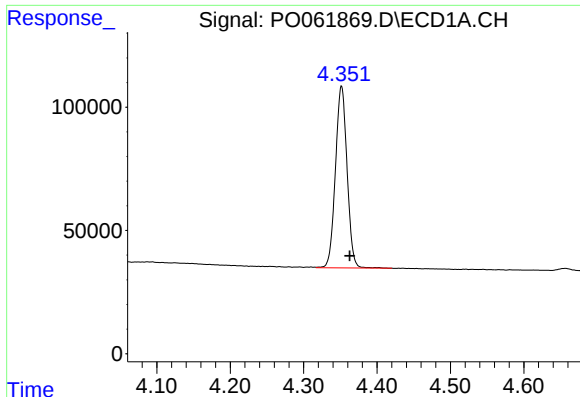
Instrument :
 ECD_O
 ClientSampleId :
 TP-4

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	8.660	7.384	21697	6903	3.504	1.602 #
43) L9	AR-1268-3	8.896	7.608	3907	945	0.764	0.264 #
44) L9	AR-1268-4	9.290	7.887	20041	893	9.166	0.555 #
45) L9	AR-1268-5	9.686	8.163	5927	1875	0.395	0.186 #

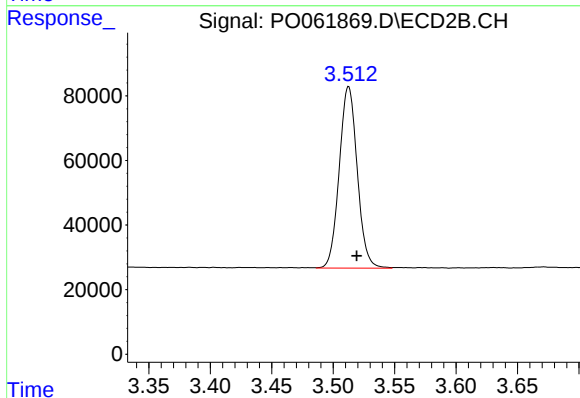
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

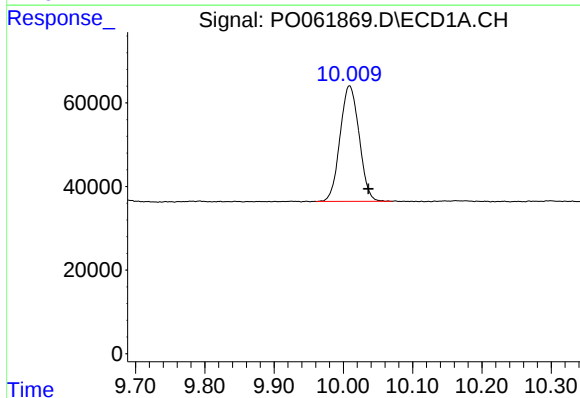
R.T.: 4.352 min
Delta R.T.: -0.011 min
Response: 809509
Conc: 19.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-4



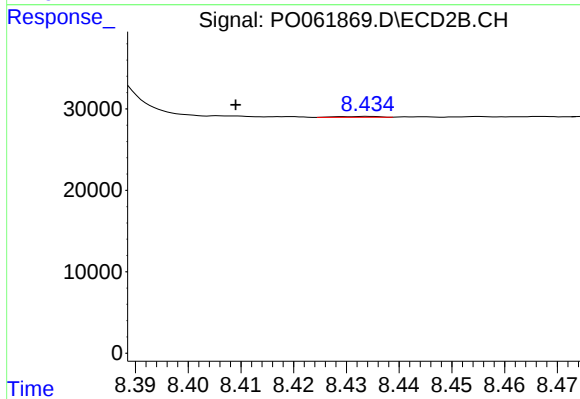
#1 Tetrachloro-m-xylene

R.T.: 3.513 min
Delta R.T.: -0.006 min
Response: 573238
Conc: 17.73 ng/ml



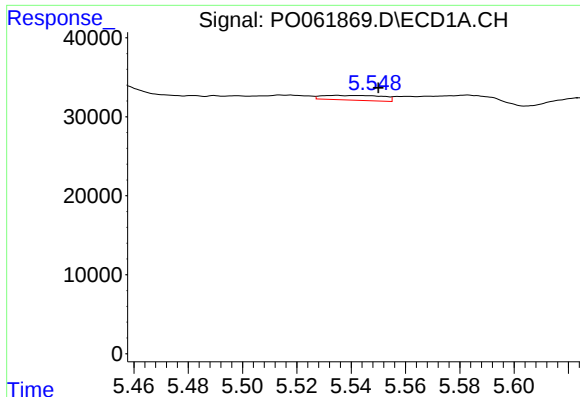
#2 Decachlorobiphenyl

R.T.: 10.009 min
Delta R.T.: -0.027 min
Response: 529800
Conc: 11.38 ng/ml



#2 Decachlorobiphenyl

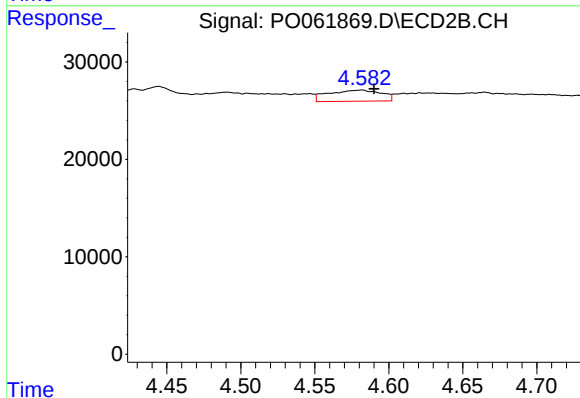
R.T.: 8.434 min
Delta R.T.: 0.025 min
Response: 571
Conc: 0.02 ng/ml



#3 AR-1016-1

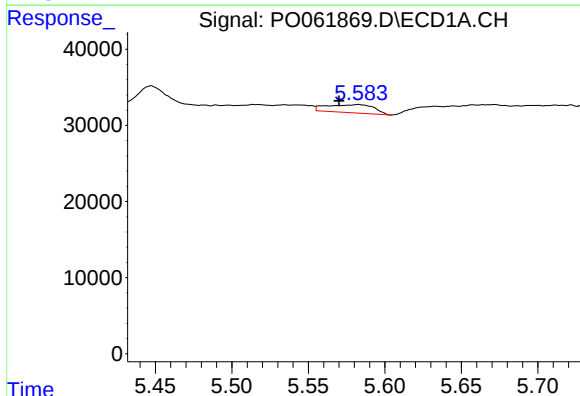
R.T.: 5.535 min
Delta R.T.: -0.015 min
Response: 9253
Conc: 5.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-4



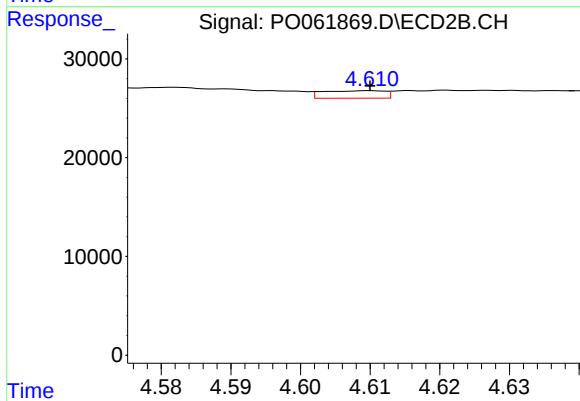
#3 AR-1016-1

R.T.: 4.582 min
Delta R.T.: -0.008 min
Response: 28174
Conc: 20.95 ng/ml



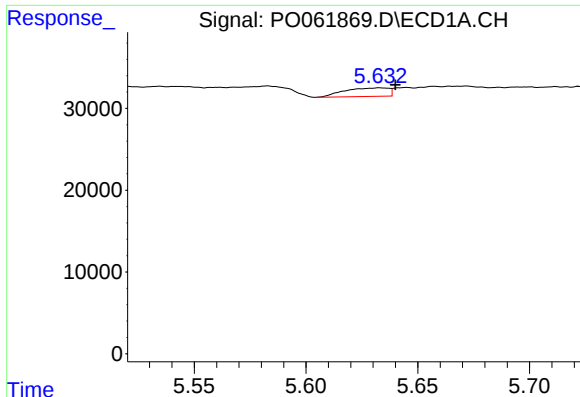
#4 AR-1016-2

R.T.: 5.583 min
Delta R.T.: 0.013 min
Response: 22688
Conc: 8.78 ng/ml



#4 AR-1016-2

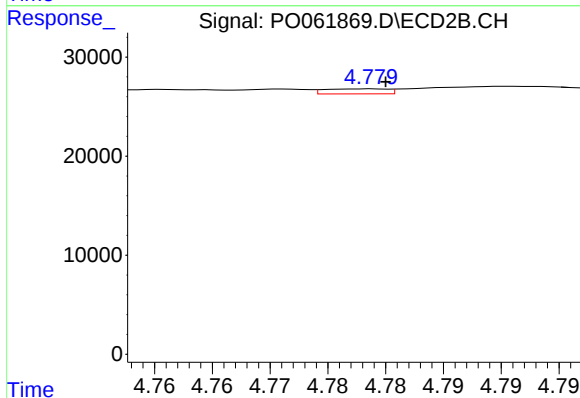
R.T.: 4.610 min
Delta R.T.: 0.000 min
Response: 4673
Conc: 2.52 ng/ml



#5 AR-1016-3

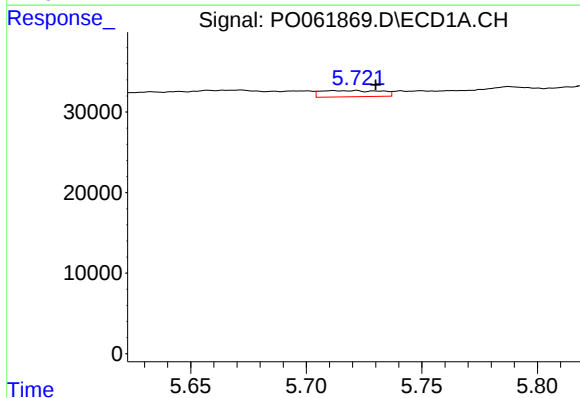
R.T.: 5.633 min
Delta R.T.: -0.007 min
Response: 14267
Conc: 8.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-4



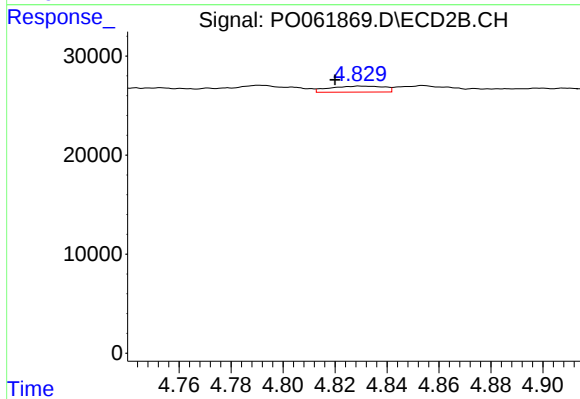
#5 AR-1016-3

R.T.: 4.779 min
Delta R.T.: -0.001 min
Response: 1931
Conc: 1.93 ng/ml



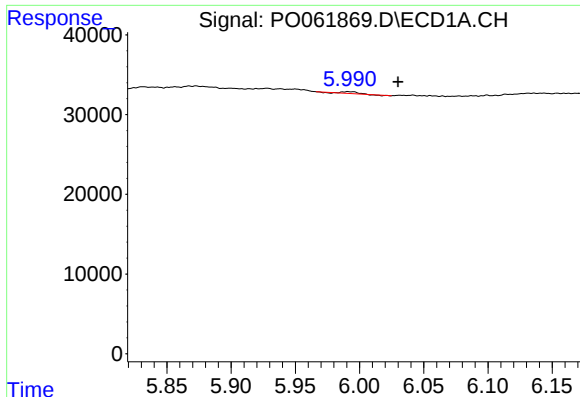
#6 AR-1016-4

R.T.: 5.712 min
Delta R.T.: -0.018 min
Response: 13951
Conc: 10.44 ng/ml



#6 AR-1016-4

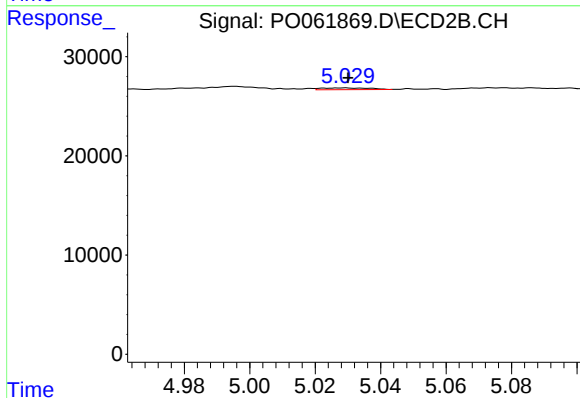
R.T.: 4.829 min
Delta R.T.: 0.009 min
Response: 8808
Conc: 10.16 ng/ml



#7 AR-1016-5

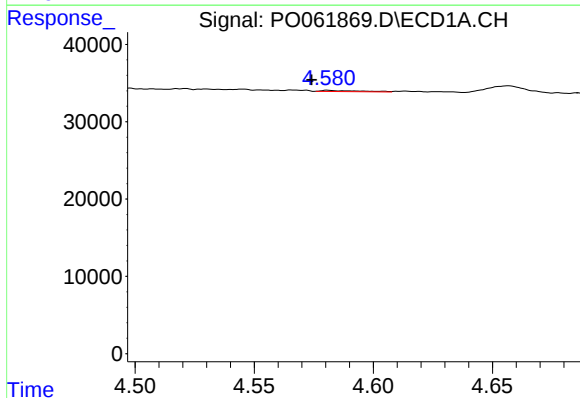
R.T.: 5.991 min
Delta R.T.: -0.039 min
Response: 1715
Conc: 1.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-4



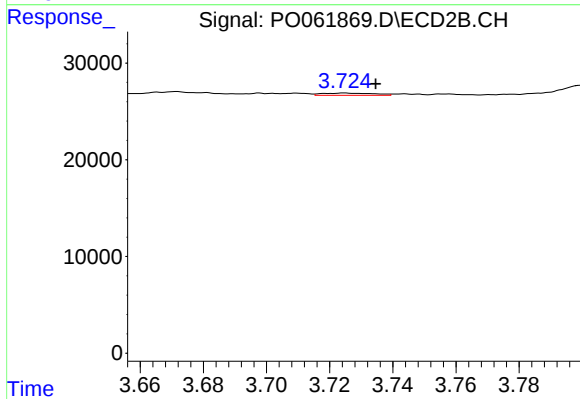
#7 AR-1016-5

R.T.: 5.029 min
Delta R.T.: 0.000 min
Response: 1720
Conc: 1.51 ng/ml



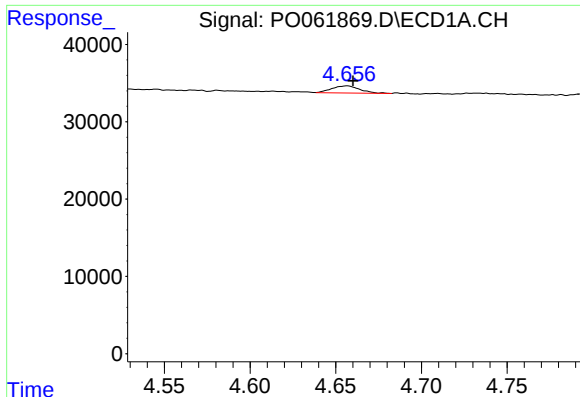
#8 AR-1221-1

R.T.: 4.581 min
Delta R.T.: 0.007 min
Response: 1615
Conc: 3.49 ng/ml



#8 AR-1221-1

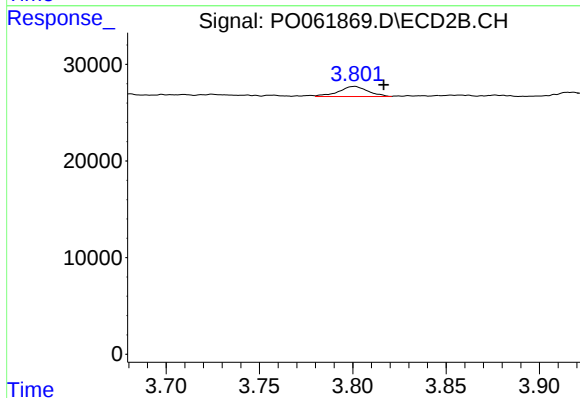
R.T.: 3.725 min
Delta R.T.: -0.010 min
Response: 2697
Conc: 6.81 ng/ml



#9 AR-1221-2

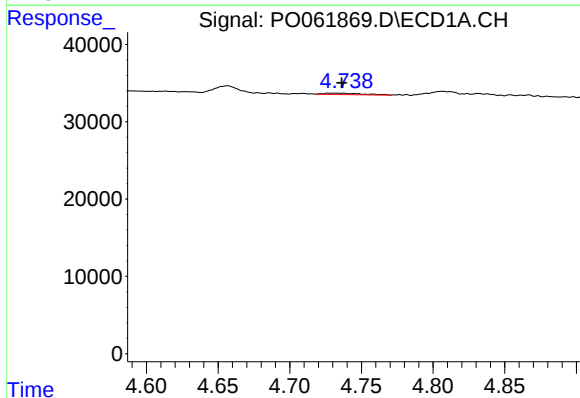
R.T.: 4.657 min
Delta R.T.: -0.004 min
Response: 10546
Conc: 29.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-4



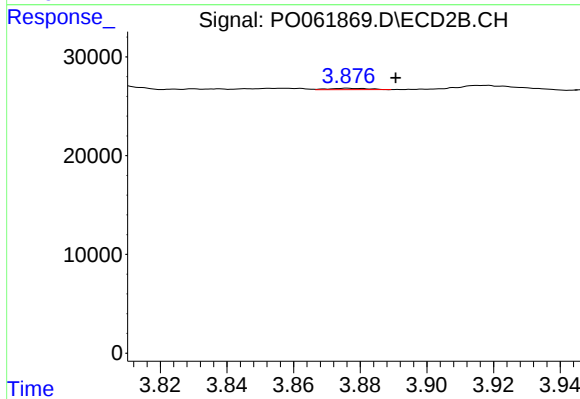
#9 AR-1221-2

R.T.: 3.801 min
Delta R.T.: -0.016 min
Response: 11529
Conc: 37.38 ng/ml



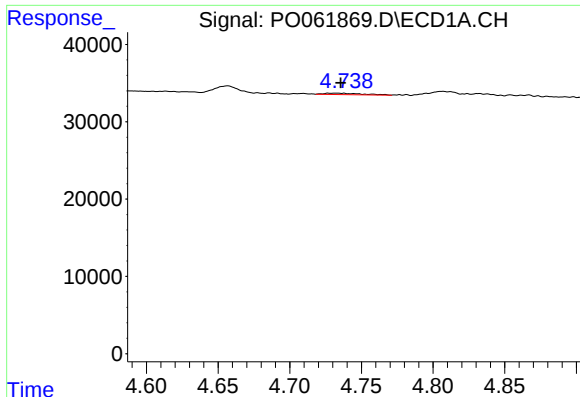
#10 AR-1221-3

R.T.: 4.733 min
Delta R.T.: -0.004 min
Response: 3394
Conc: 2.98 ng/ml



#10 AR-1221-3

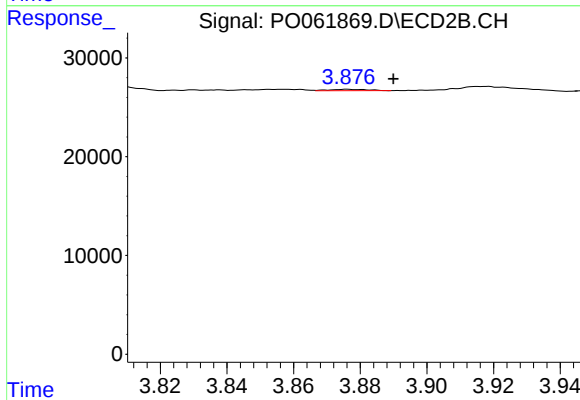
R.T.: 3.876 min
Delta R.T.: -0.015 min
Response: 1092
Conc: 1.20 ng/ml



#11 AR-1232-1

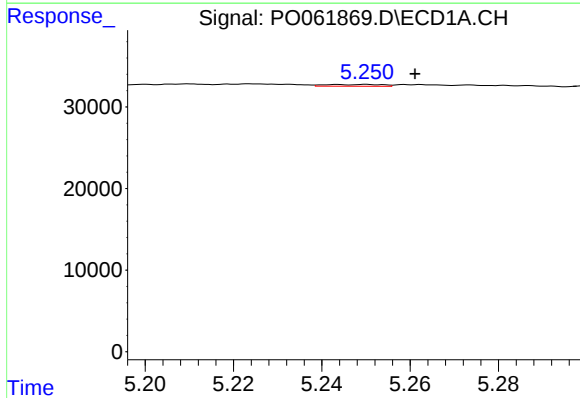
R.T.: 4.733 min
Delta R.T.: -0.003 min
Response: 3394
Conc: 2.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-4



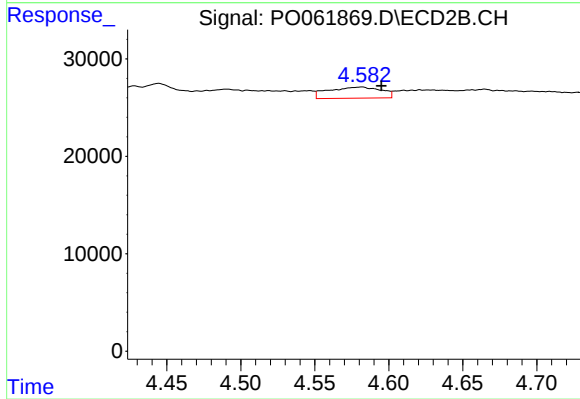
#11 AR-1232-1

R.T.: 3.876 min
Delta R.T.: -0.014 min
Response: 1092
Conc: 0.97 ng/ml



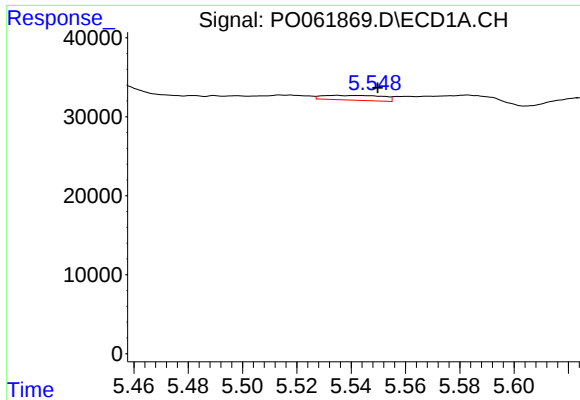
#12 AR-1232-2

R.T.: 5.250 min
Delta R.T.: -0.011 min
Response: 1978
Conc: 2.52 ng/ml



#12 AR-1232-2

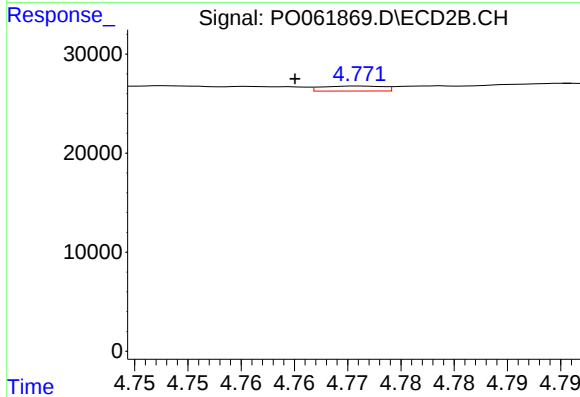
R.T.: 4.582 min
Delta R.T.: -0.013 min
Response: 28174
Conc: 23.08 ng/ml



#13 AR-1232-3

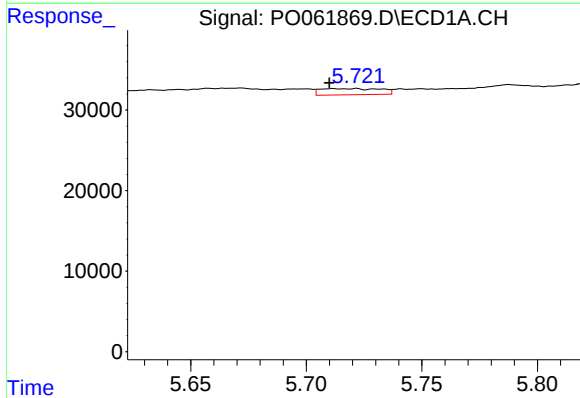
R.T.: 5.535 min
Delta R.T.: -0.015 min
Response: 9253
Conc: 5.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-4



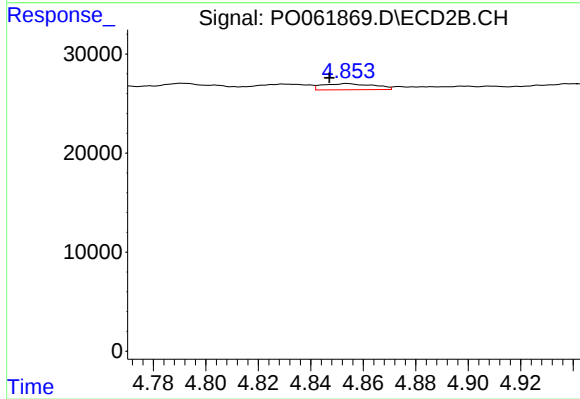
#13 AR-1232-3

R.T.: 4.771 min
Delta R.T.: 0.006 min
Response: 2019
Conc: 3.06 ng/ml



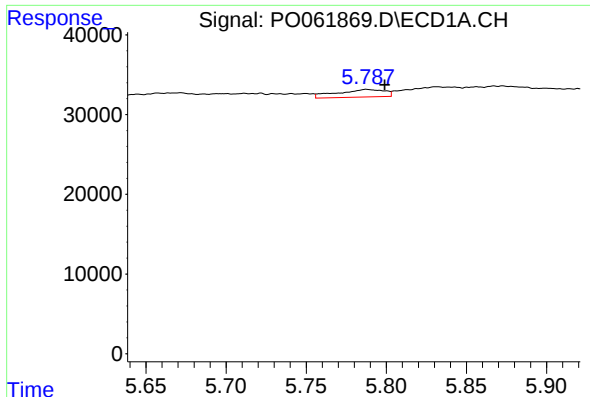
#14 AR-1232-4

R.T.: 5.712 min
Delta R.T.: 0.002 min
Response: 13951
Conc: 15.77 ng/ml



#14 AR-1232-4

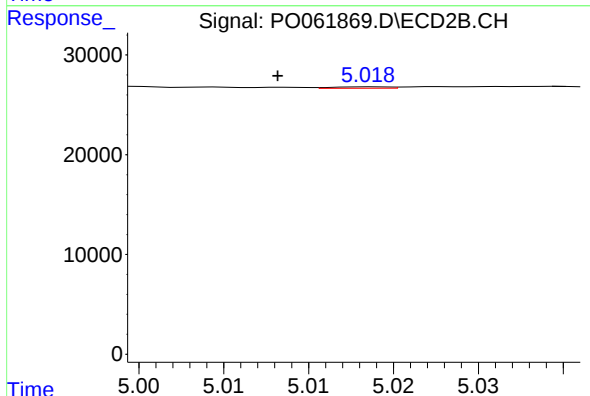
R.T.: 4.854 min
Delta R.T.: 0.007 min
Response: 8292
Conc: 13.15 ng/ml



#15 AR-1232-5

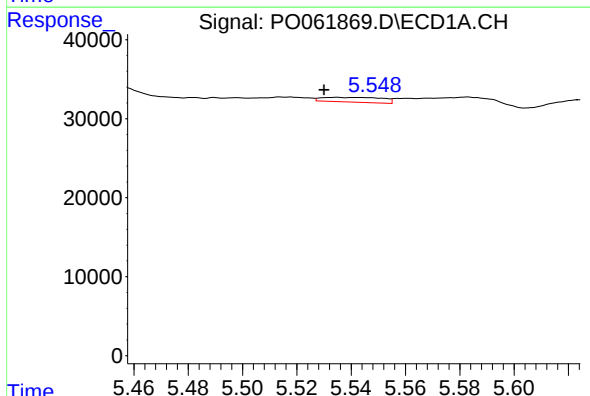
R.T.: 5.788 min
Delta R.T.: -0.011 min
Response: 19512
Conc: 28.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-4



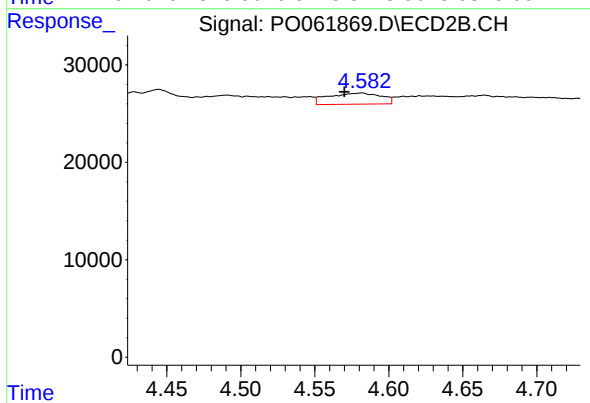
#15 AR-1232-5

R.T.: 5.019 min
Delta R.T.: 0.006 min
Response: 329
Conc: 0.48 ng/ml



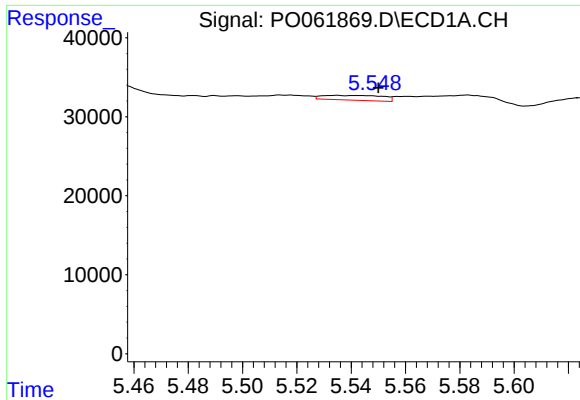
#16 AR-1242-1

R.T.: 5.535 min
Delta R.T.: 0.005 min
Response: 9253
Conc: 6.52 ng/ml



#16 AR-1242-1

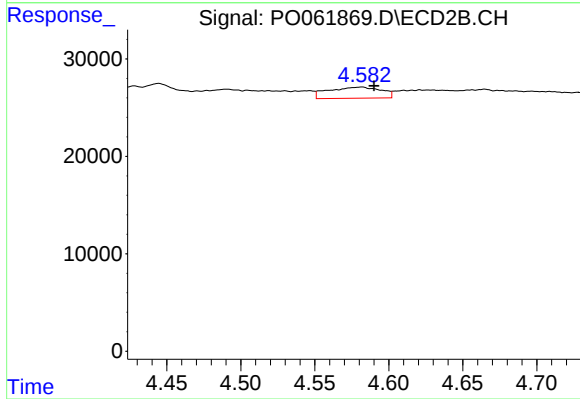
R.T.: 4.582 min
Delta R.T.: 0.012 min
Response: 28174
Conc: 27.50 ng/ml



#17 AR-1242-2

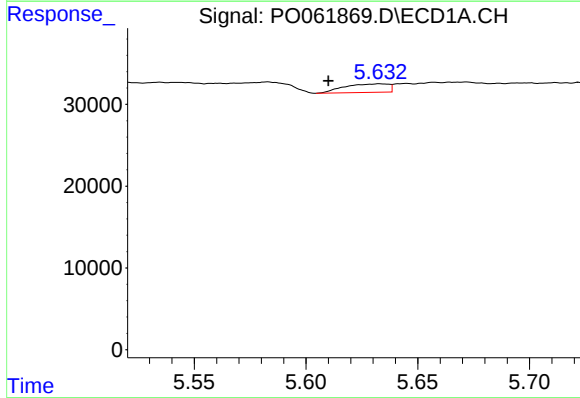
R.T.: 5.535 min
Delta R.T.: -0.015 min
Response: 9253
Conc: 4.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-4



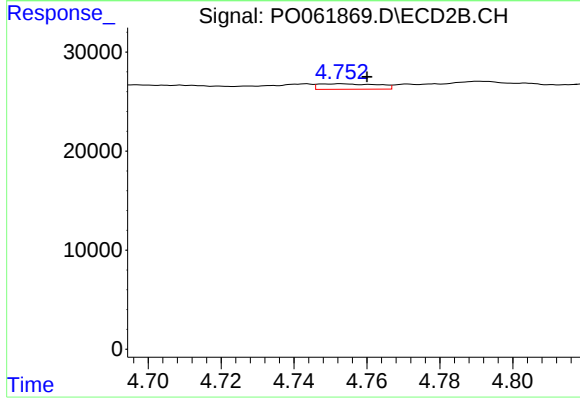
#17 AR-1242-2

R.T.: 4.582 min
Delta R.T.: -0.008 min
Response: 28174
Conc: 19.98 ng/ml



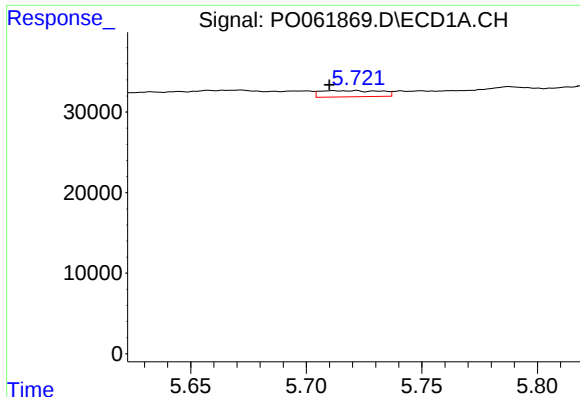
#18 AR-1242-3

R.T.: 5.633 min
Delta R.T.: 0.023 min
Response: 14267
Conc: 11.31 ng/ml



#18 AR-1242-3

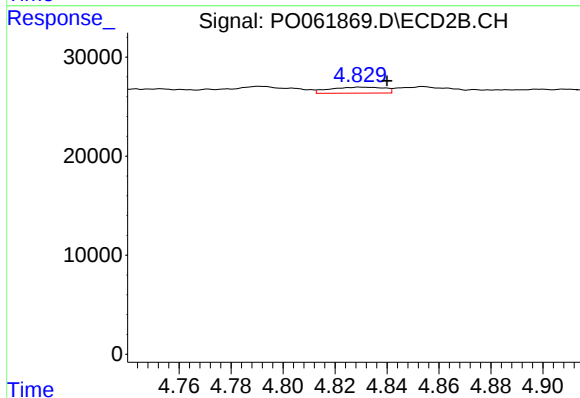
R.T.: 4.753 min
Delta R.T.: -0.007 min
Response: 6229
Conc: 7.98 ng/ml



#19 AR-1242-4

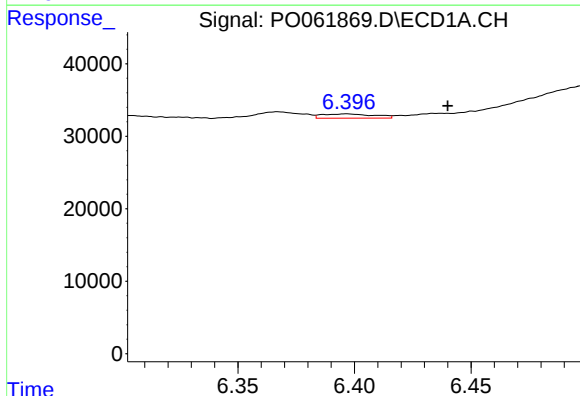
R.T.: 5.712 min
Delta R.T.: 0.002 min
Response: 13951
Conc: 13.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-4



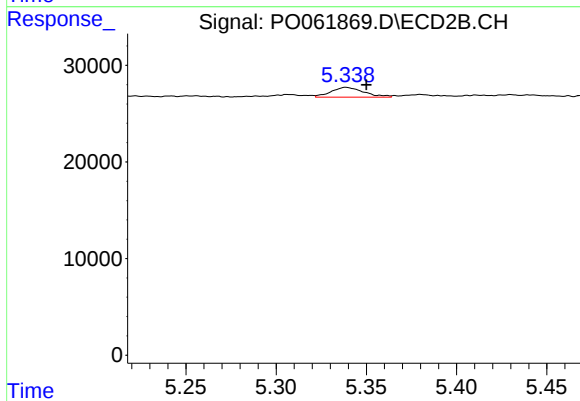
#19 AR-1242-4

R.T.: 4.829 min
Delta R.T.: -0.011 min
Response: 8808
Conc: 10.73 ng/ml



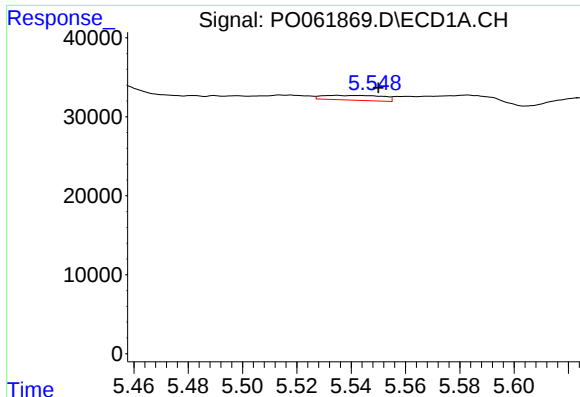
#20 AR-1242-5

R.T.: 6.397 min
Delta R.T.: -0.043 min
Response: 9138
Conc: 6.83 ng/ml



#20 AR-1242-5

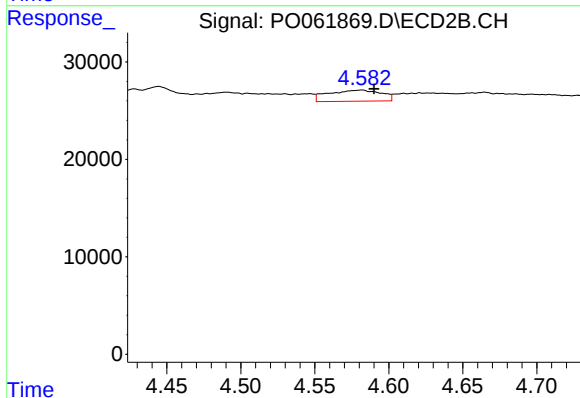
R.T.: 5.339 min
Delta R.T.: -0.011 min
Response: 12957
Conc: 12.09 ng/ml



#21 AR-1248-1

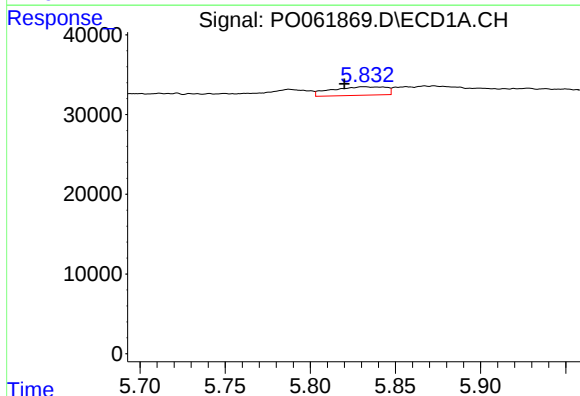
R.T.: 5.535 min
Delta R.T.: -0.015 min
Response: 9253
Conc: 7.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-4



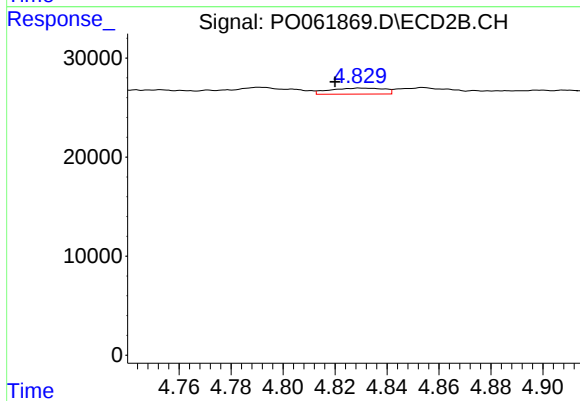
#21 AR-1248-1

R.T.: 4.582 min
Delta R.T.: -0.008 min
Response: 28174
Conc: 31.49 ng/ml



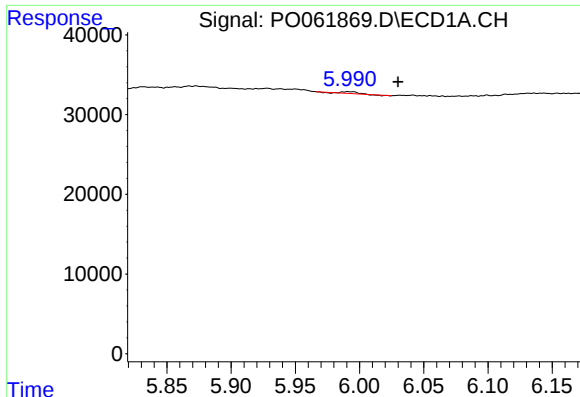
#22 AR-1248-2

R.T.: 5.832 min
Delta R.T.: 0.012 min
Response: 23699
Conc: 14.05 ng/ml



#22 AR-1248-2

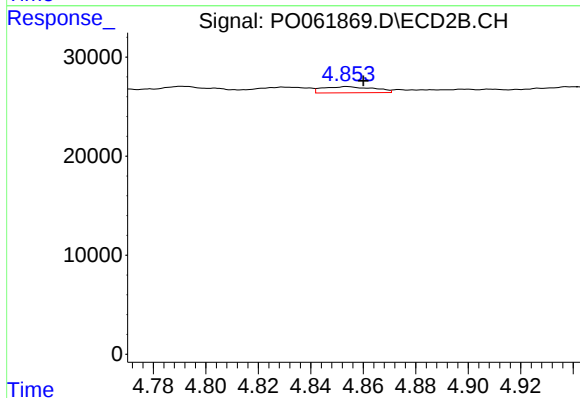
R.T.: 4.829 min
Delta R.T.: 0.009 min
Response: 8808
Conc: 7.48 ng/ml



#23 AR-1248-3

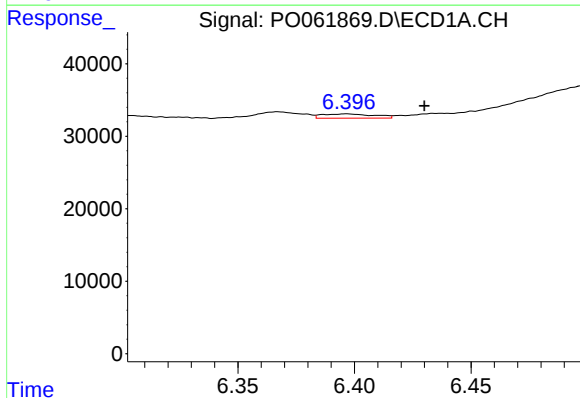
R.T.: 5.991 min
Delta R.T.: -0.039 min
Response: 1715
Conc: 0.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-4



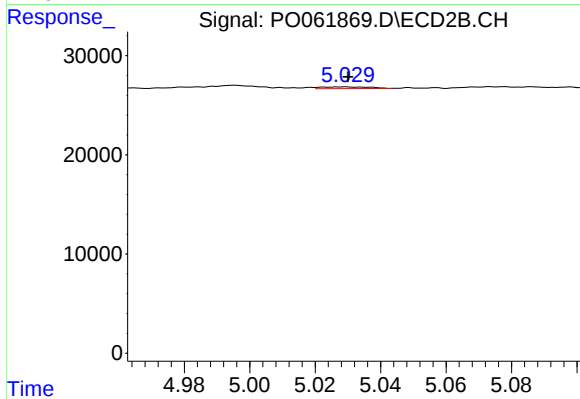
#23 AR-1248-3

R.T.: 4.854 min
Delta R.T.: -0.006 min
Response: 8292
Conc: 6.68 ng/ml



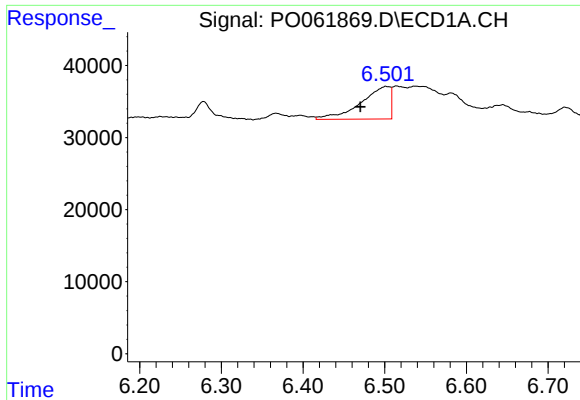
#24 AR-1248-4

R.T.: 6.397 min
Delta R.T.: -0.033 min
Response: 9138
Conc: 3.87 ng/ml



#24 AR-1248-4

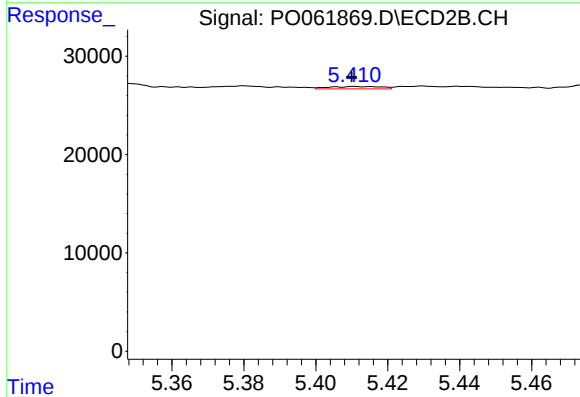
R.T.: 5.029 min
Delta R.T.: 0.000 min
Response: 1720
Conc: 1.14 ng/ml



#25 AR-1248-5

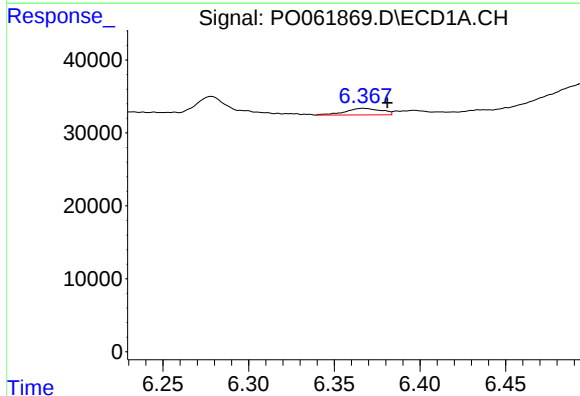
R.T.: 6.502 min
Delta R.T.: 0.032 min
Response: 113097
Conc: 49.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-4



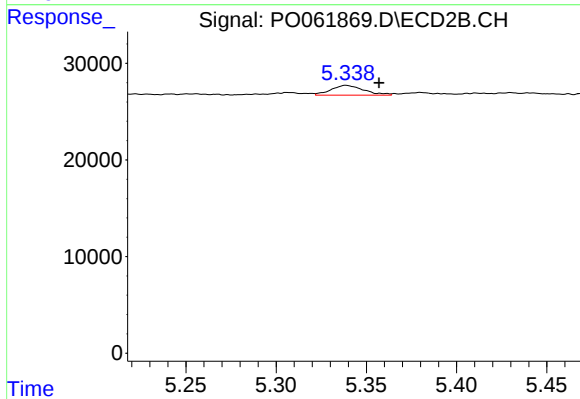
#25 AR-1248-5

R.T.: 5.411 min
Delta R.T.: 0.000 min
Response: 2387
Conc: 1.56 ng/ml



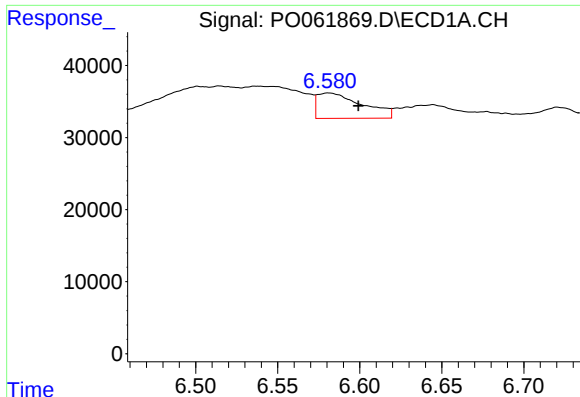
#26 AR-1254-1

R.T.: 6.367 min
Delta R.T.: -0.014 min
Response: 13157
Conc: 5.77 ng/ml



#26 AR-1254-1

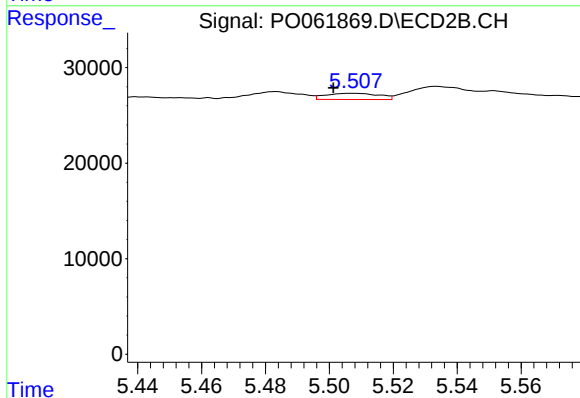
R.T.: 5.339 min
Delta R.T.: -0.018 min
Response: 12957
Conc: 5.91 ng/ml



#27 AR-1254-2

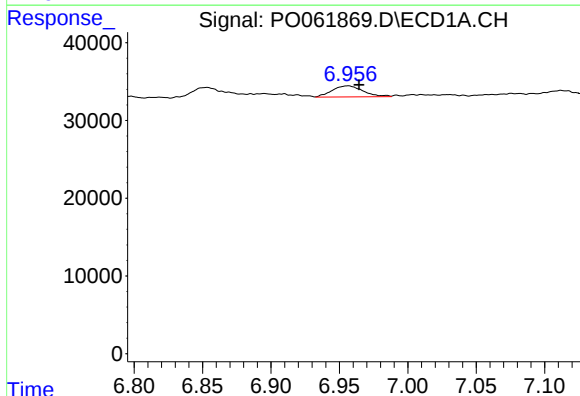
R.T.: 6.581 min
Delta R.T.: -0.018 min
Response: 67200
Conc: 18.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-4



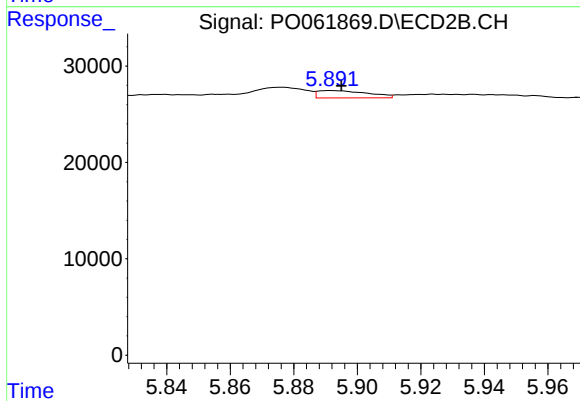
#27 AR-1254-2

R.T.: 5.507 min
Delta R.T.: 0.006 min
Response: 7471
Conc: 3.81 ng/ml



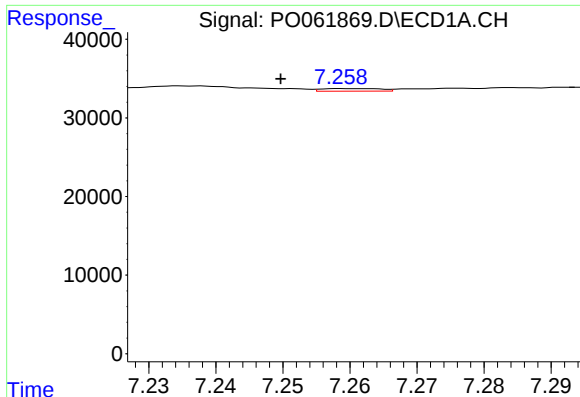
#28 AR-1254-3

R.T.: 6.956 min
Delta R.T.: -0.008 min
Response: 22487
Conc: 5.76 ng/ml



#28 AR-1254-3

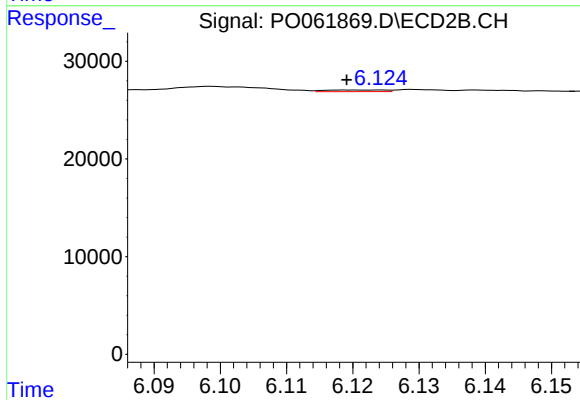
R.T.: 5.892 min
Delta R.T.: -0.003 min
Response: 8327
Conc: 2.62 ng/ml



#29 AR-1254-4

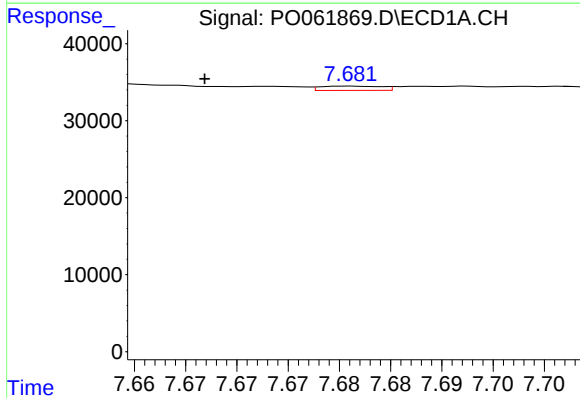
R.T.: 7.260 min
Delta R.T.: 0.011 min
Response: 2009
Conc: 0.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-4



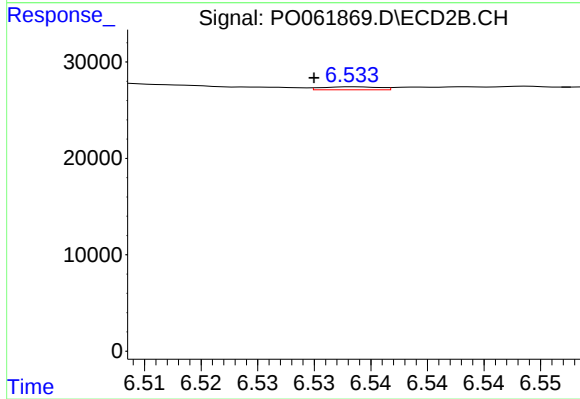
#29 AR-1254-4

R.T.: 6.119 min
Delta R.T.: 0.000 min
Response: 1061
Conc: 0.52 ng/ml



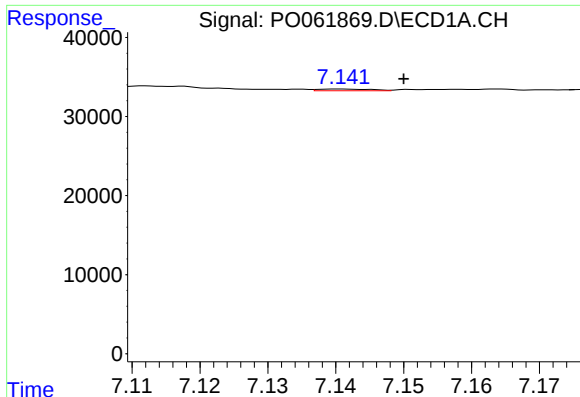
#30 AR-1254-5

R.T.: 7.681 min
Delta R.T.: 0.014 min
Response: 2328
Conc: 0.74 ng/ml



#30 AR-1254-5

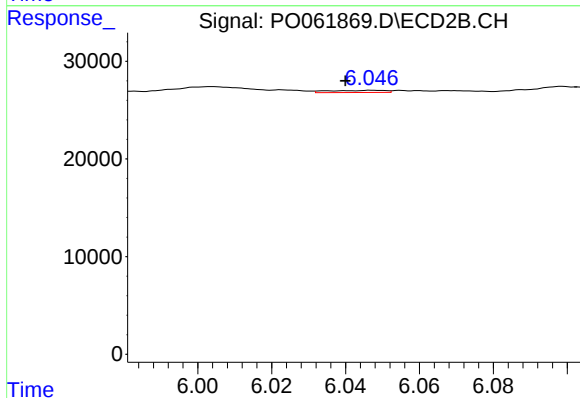
R.T.: 6.534 min
Delta R.T.: 0.004 min
Response: 1081
Conc: 0.38 ng/ml



#31 AR-1260-1

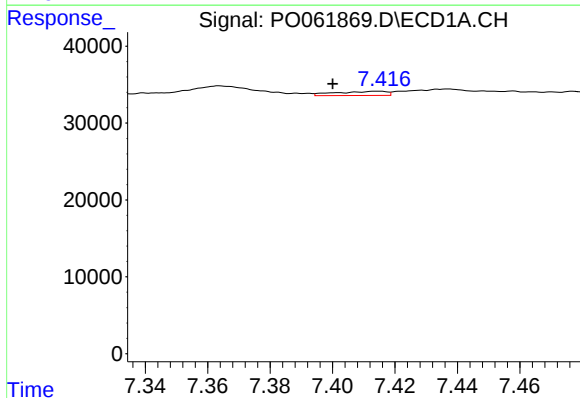
R.T.: 7.140 min
Delta R.T.: -0.010 min
Response: 1179
Conc: 0.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-4



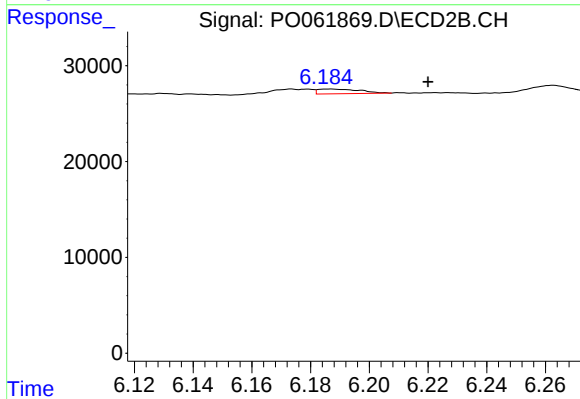
#31 AR-1260-1

R.T.: 6.047 min
Delta R.T.: 0.007 min
Response: 2321
Conc: 1.14 ng/ml



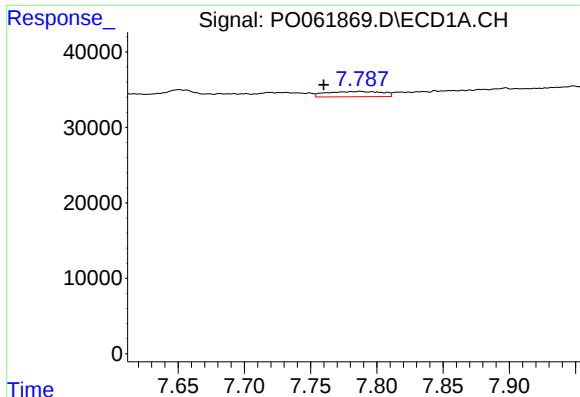
#32 AR-1260-2

R.T.: 7.415 min
Delta R.T.: 0.014 min
Response: 6103
Conc: 1.91 ng/ml



#32 AR-1260-2

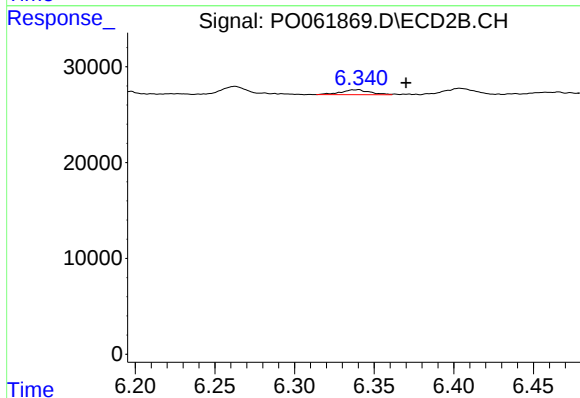
R.T.: 6.187 min
Delta R.T.: -0.033 min
Response: 4971
Conc: 2.07 ng/ml



#33 AR-1260-3

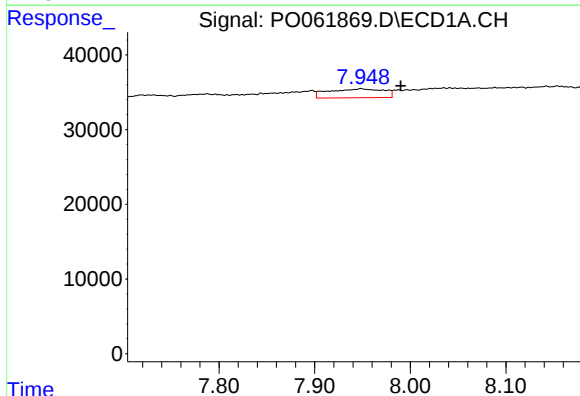
R.T.: 7.787 min
Delta R.T.: 0.027 min
Response: 20669
Conc: 8.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-4



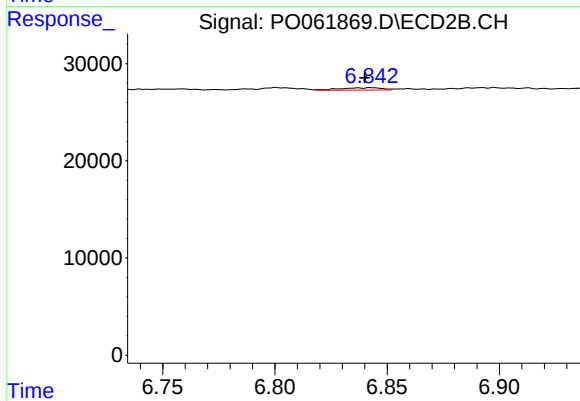
#33 AR-1260-3

R.T.: 6.340 min
Delta R.T.: -0.030 min
Response: 6532
Conc: 2.90 ng/ml



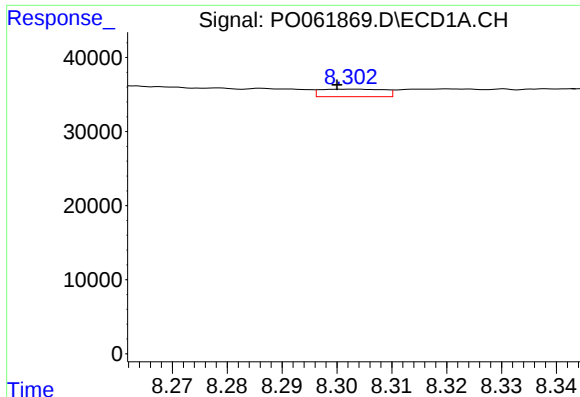
#34 AR-1260-4

R.T.: 7.948 min
Delta R.T.: -0.042 min
Response: 47837
Conc: 17.90 ng/ml



#34 AR-1260-4

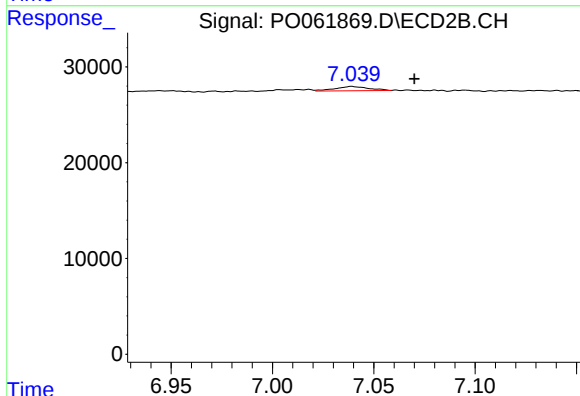
R.T.: 6.843 min
Delta R.T.: 0.003 min
Response: 3144
Conc: 1.70 ng/ml



#35 AR-1260-5

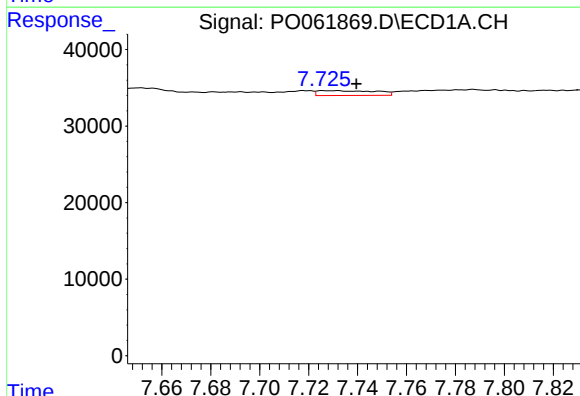
R.T.: 8.302 min
Delta R.T.: 0.002 min
Response: 8168
Conc: 1.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-4



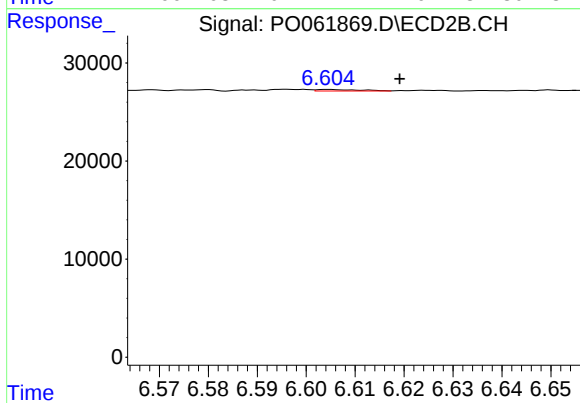
#35 AR-1260-5

R.T.: 7.039 min
Delta R.T.: -0.031 min
Response: 5127
Conc: 1.32 ng/ml



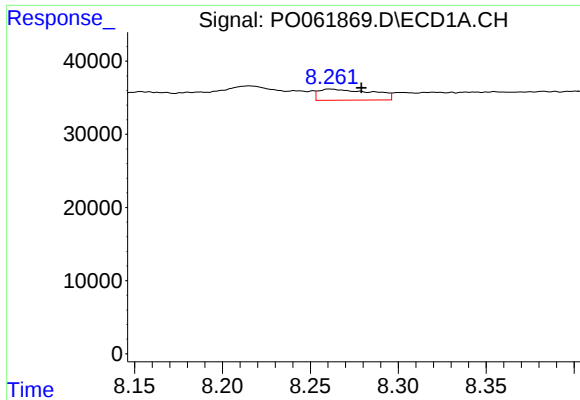
#36 AR-1262-1

R.T.: 7.731 min
Delta R.T.: -0.008 min
Response: 10482
Conc: 2.74 ng/ml



#36 AR-1262-1

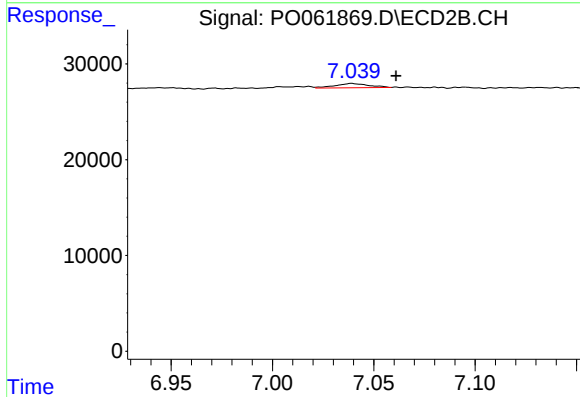
R.T.: 6.605 min
Delta R.T.: -0.015 min
Response: 906
Conc: 0.74 ng/ml



#37 AR-1262-2

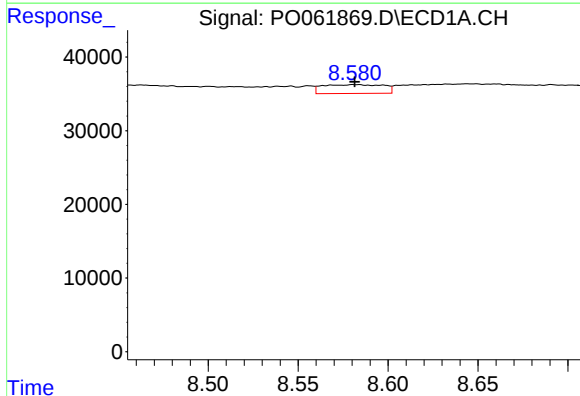
R.T.: 8.261 min
Delta R.T.: -0.018 min
Response: 32025
Conc: 5.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-4



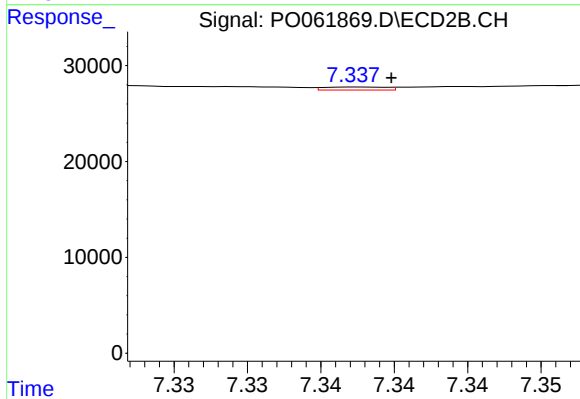
#37 AR-1262-2

R.T.: 7.039 min
Delta R.T.: -0.022 min
Response: 5127
Conc: 1.12 ng/ml



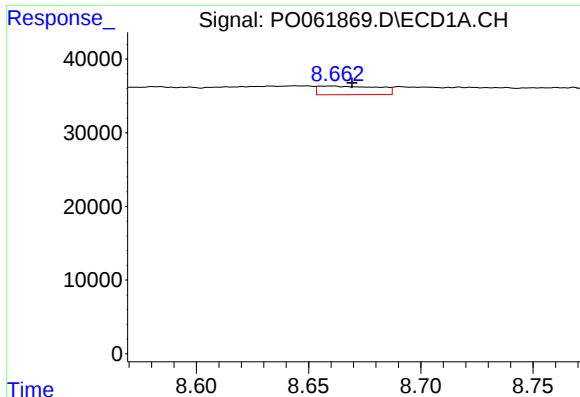
#38 AR-1262-3

R.T.: 8.582 min
Delta R.T.: 0.000 min
Response: 28147
Conc: 6.77 ng/ml



#38 AR-1262-3

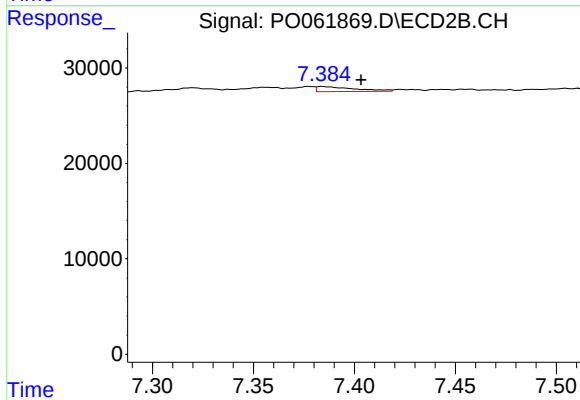
R.T.: 7.338 min
Delta R.T.: -0.002 min
Response: 936
Conc: 0.50 ng/ml



#39 AR-1262-4

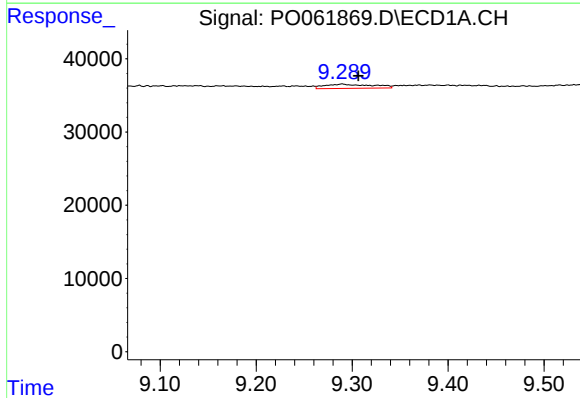
R.T.: 8.660 min
Delta R.T.: -0.009 min
Response: 21697
Conc: 6.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-4



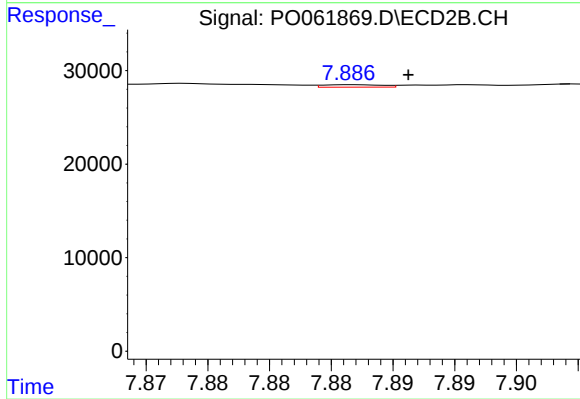
#39 AR-1262-4

R.T.: 7.384 min
Delta R.T.: -0.019 min
Response: 6903
Conc: 2.05 ng/ml



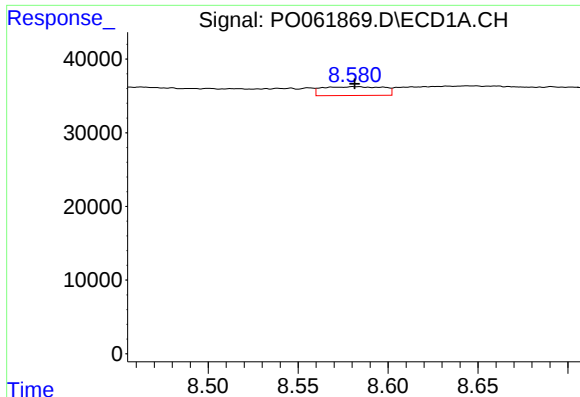
#40 AR-1262-5

R.T.: 9.290 min
Delta R.T.: -0.017 min
Response: 20041
Conc: 9.85 ng/ml



#40 AR-1262-5

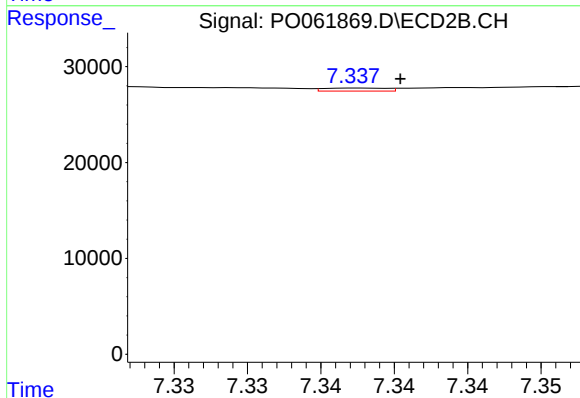
R.T.: 7.887 min
Delta R.T.: -0.004 min
Response: 893
Conc: 0.59 ng/ml



#41 AR-1268-1

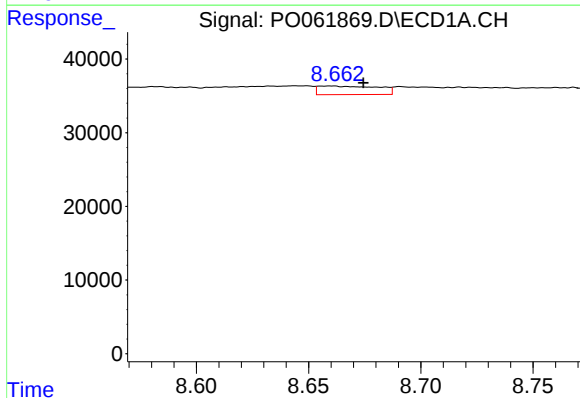
R.T.: 8.582 min
Delta R.T.: 0.000 min
Response: 28147
Conc: 4.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-4



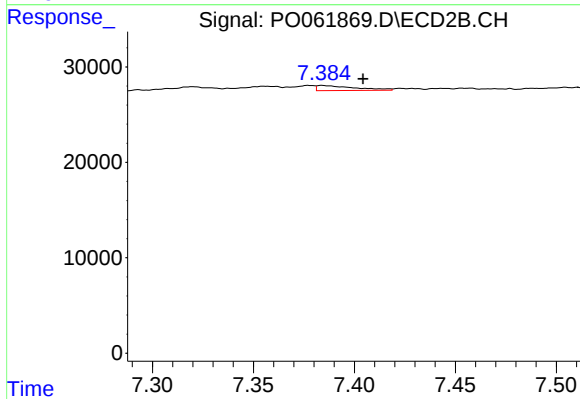
#41 AR-1268-1

R.T.: 7.338 min
Delta R.T.: -0.003 min
Response: 936
Conc: 0.19 ng/ml



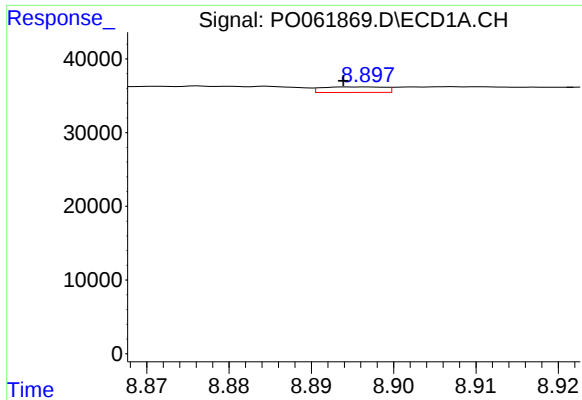
#42 AR-1268-2

R.T.: 8.660 min
Delta R.T.: -0.014 min
Response: 21697
Conc: 3.50 ng/ml



#42 AR-1268-2

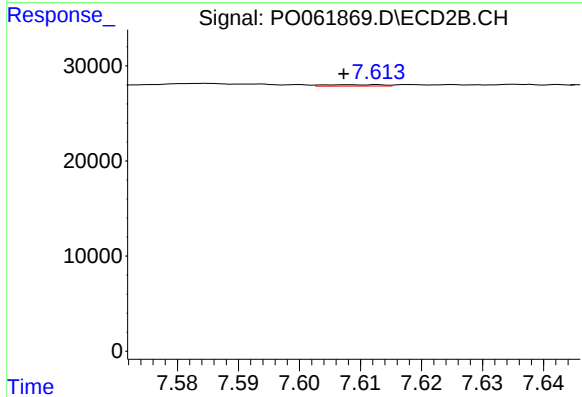
R.T.: 7.384 min
Delta R.T.: -0.020 min
Response: 6903
Conc: 1.60 ng/ml



#43 AR-1268-3

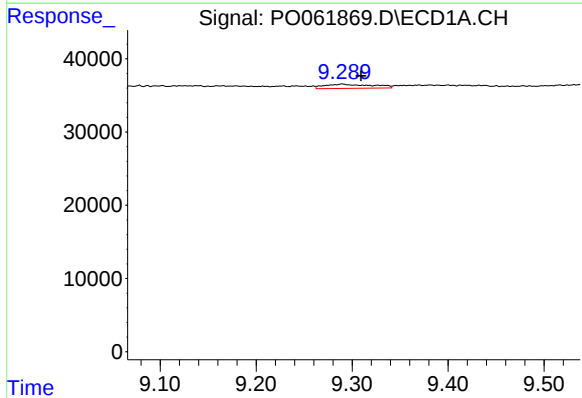
R.T.: 8.896 min
Delta R.T.: 0.002 min
Response: 3907
Conc: 0.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-4



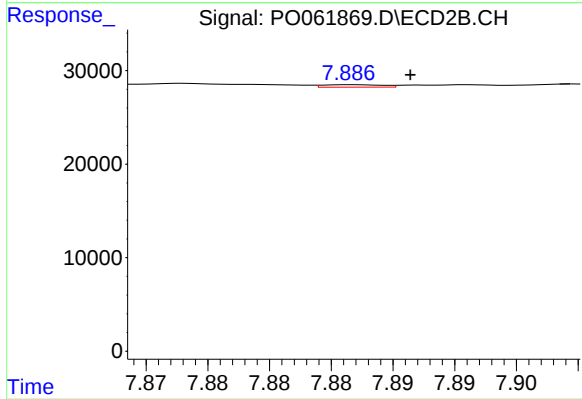
#43 AR-1268-3

R.T.: 7.608 min
Delta R.T.: 0.000 min
Response: 945
Conc: 0.26 ng/ml



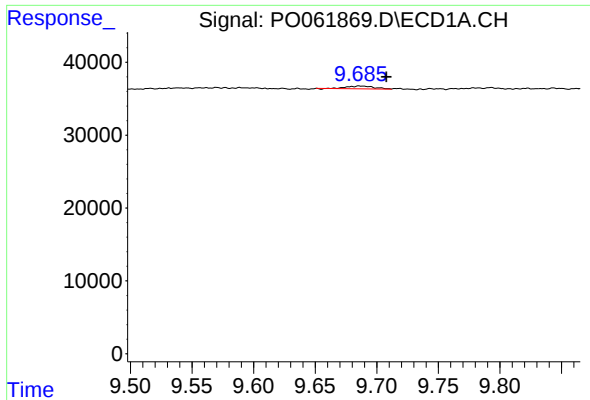
#44 AR-1268-4

R.T.: 9.290 min
Delta R.T.: -0.020 min
Response: 20041
Conc: 9.17 ng/ml



#44 AR-1268-4

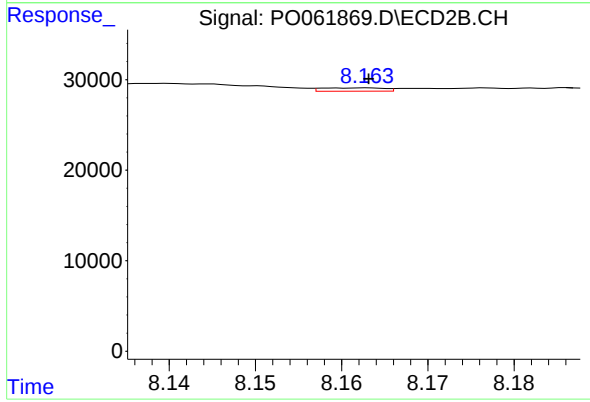
R.T.: 7.887 min
Delta R.T.: -0.005 min
Response: 893
Conc: 0.56 ng/ml



#45 AR-1268-5

R.T.: 9.686 min
Delta R.T.: -0.022 min
Response: 5927
Conc: 0.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-4



#45 AR-1268-5

R.T.: 8.163 min
Delta R.T.: 0.000 min
Response: 1875
Conc: 0.19 ng/ml