

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100319\
 Data File : PO061657.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Oct 2019 20:11
 Operator : HP/AJ
 Sample : K5144-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:34:03 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 01 15:34:04 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...	4.381	3.540	913756	727724	22.279	22.503
2)	SA Decachlor...	10.050	8.406	624649	433987	13.413	13.405
Target Compounds							
3)	L1 AR-1016-1	0.000	4.601	0	24832	N.D.	18.467 #
4)	L1 AR-1016-2	5.626	4.601	8498	24832	3.288	13.398 #
5)	L1 AR-1016-3	5.626	4.780	8498	44743	5.290	44.667 #
6)	L1 AR-1016-4	5.705	4.839	21441	31460	16.037	36.304 #
7)	L1 AR-1016-5	6.035	5.015	38208	3830	27.860	3.355 #
8)	L2 AR-1221-1	4.606	0.000	15090	0	32.641	N.D. #
9)	L2 AR-1221-2	4.647	3.829	8217	12195	22.887	39.543 #
10)	L2 AR-1221-3	4.767	3.901	38322	6925	33.660	7.592 #
11)	L3 AR-1232-1	4.767	3.901	38322	6925	27.404	6.168 #
12)	L3 AR-1232-2	5.286	4.601	81996	24832	104.512	20.342 #
13)	L3 AR-1232-3	0.000	4.780	0	44743	N.D.	67.767 #
14)	L3 AR-1232-4	5.705	4.839	21441	31460	24.233	49.908 #
15)	L3 AR-1232-5	5.820	5.015	53111	3830	76.602	5.582 #
16)	L4 AR-1242-1	0.000	4.601	0	24832	N.D.	24.238 #
17)	L4 AR-1242-2	5.626	4.601	8498	24832	4.228	17.608 #
18)	L4 AR-1242-3	5.626	4.780	8498	44743	6.734	57.298 #
19)	L4 AR-1242-4	5.705	4.863	21441	5116	20.405	6.234 #
20)	L4 AR-1242-5	6.484	5.368	15489	8520	11.581	7.953 #
21)	L5 AR-1248-1	0.000	4.601	0	24832	N.D.	27.751 #
22)	L5 AR-1248-2	5.820	4.839	53111	31460	31.479	26.700
23)	L5 AR-1248-3	6.035	4.863	38208	5116	20.445	4.121 #
24)	L5 AR-1248-4	6.429	5.015	99142	3830	41.959	2.548 #
25)	L5 AR-1248-5	6.484	5.368	15489	8520	6.831	5.553
26)	L6 AR-1254-1	6.382	5.368	59859	8520	26.238	3.884 #
27)	L6 AR-1254-2	6.613	5.511	70793	3232	19.594	1.649 #
28)	L6 AR-1254-3	6.948	5.907	10197	9705	2.610	3.048
29)	L6 AR-1254-4	7.261	6.129	45335	5719	14.969	2.819 #
30)	L6 AR-1254-5	7.679	6.539	73844	28866	23.514	10.206 #
31)	L7 AR-1260-1	7.139	6.035	41119	9976	15.751	4.891 #
32)	L7 AR-1260-2	7.391	6.221	90694	19952	28.449	8.307 #
33)	L7 AR-1260-3	7.752	6.370	60457	6395	25.171	2.838 #
34)	L7 AR-1260-4	7.975	6.834	217564	7250	81.422	3.927 #
35)	L7 AR-1260-5	8.292	7.071	148305	17914	29.972	4.601 #
36)	L8 AR-1262-1	7.752	6.633	60457	5985	15.779	4.903 #
37)	L8 AR-1262-2	8.292	7.071	148305	17914	23.889	3.896 #
38)	L8 AR-1262-3	8.600	7.350	81606	4968	19.634	2.637 #
39)	L8 AR-1262-4	8.696	7.413	102532	13023	32.479	3.875 #
40)	L8 AR-1262-5	9.292	7.901	3740	6904	1.839	4.554 #
41)	L9 AR-1268-1	8.600	7.350	81606	4968	12.136	1.029 #

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 Acq On : 03 Oct 2019 20:11
 Operator : HP/AJ
 Sample : K5144-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

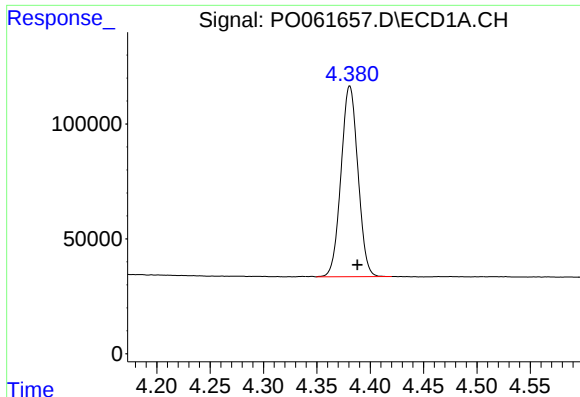
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:34:03 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.M
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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
42) L9	AR-1268-2	8.696	7.413	102532	13023	16.558	3.022 #
43) L9	AR-1268-3	8.886	7.615	5155	10561	1.008	2.947 #
44) L9	AR-1268-4	9.324	7.901	24384	6904	11.152	4.290 #
45) L9	AR-1268-5	9.722	8.170	11242	38796	0.748	3.858 #

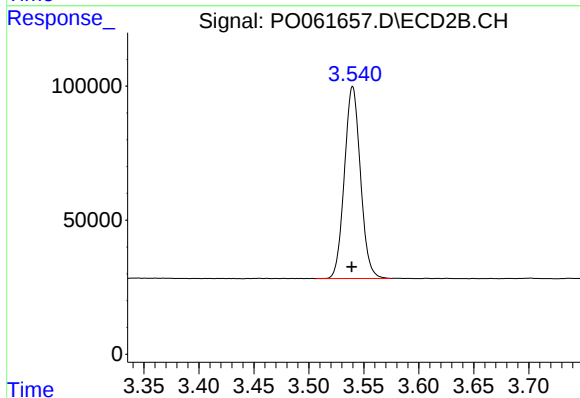
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

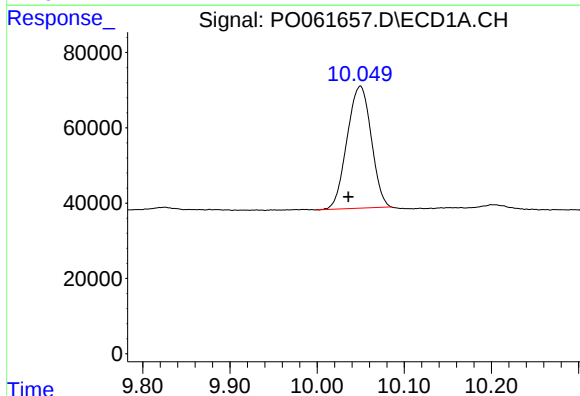
R.T.: 4.381 min
Delta R.T.: -0.007 min
Response: 913756
Conc: 22.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



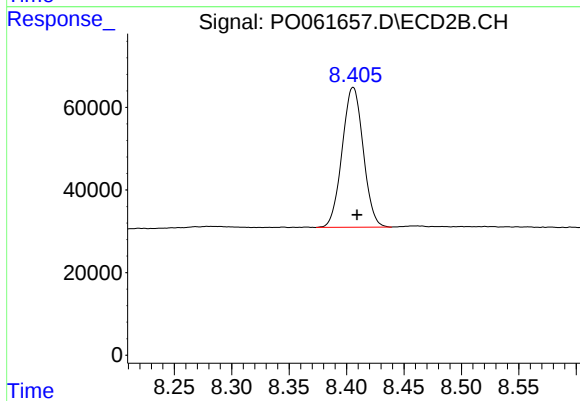
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 727724
Conc: 22.50 ng/ml



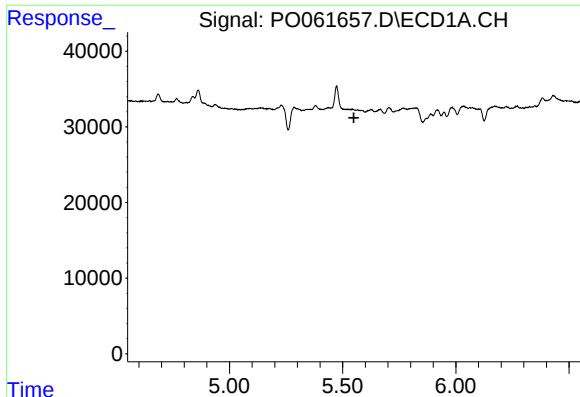
#2 Decachlorobiphenyl

R.T.: 10.050 min
Delta R.T.: 0.014 min
Response: 624649
Conc: 13.41 ng/ml



#2 Decachlorobiphenyl

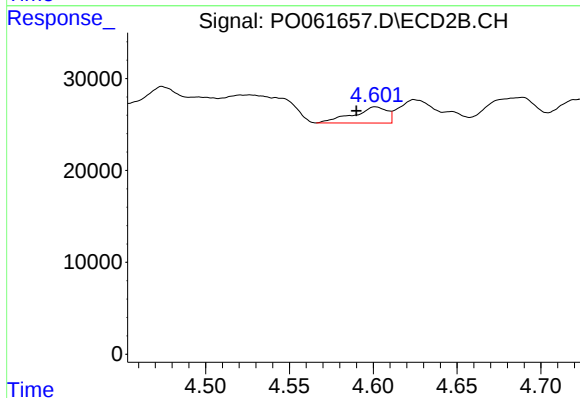
R.T.: 8.406 min
Delta R.T.: -0.003 min
Response: 433987
Conc: 13.40 ng/ml



#3 AR-1016-1

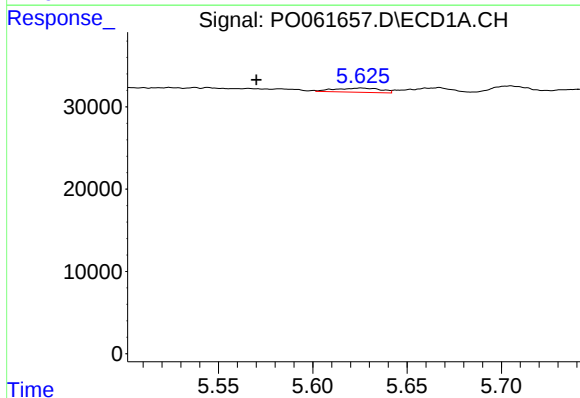
R.T.: 0.000 min
Exp R.T.: 5.550 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



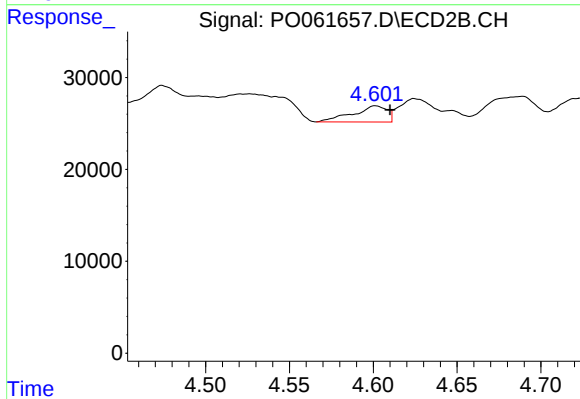
#3 AR-1016-1

R.T.: 4.601 min
Delta R.T.: 0.011 min
Response: 24832
Conc: 18.47 ng/ml



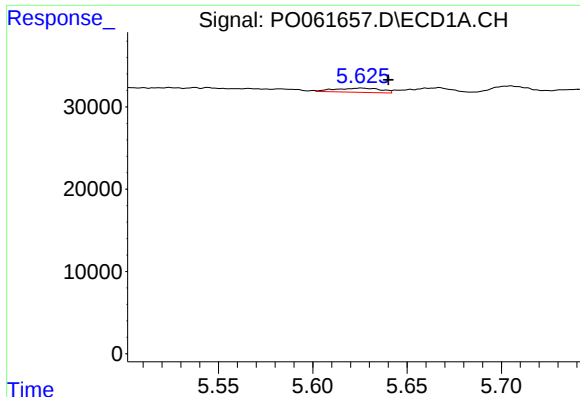
#4 AR-1016-2

R.T.: 5.626 min
Delta R.T.: 0.056 min
Response: 8498
Conc: 3.29 ng/ml



#4 AR-1016-2

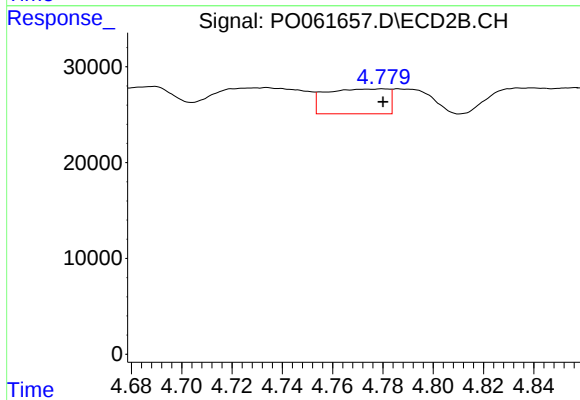
R.T.: 4.601 min
Delta R.T.: -0.009 min
Response: 24832
Conc: 13.40 ng/ml



#5 AR-1016-3

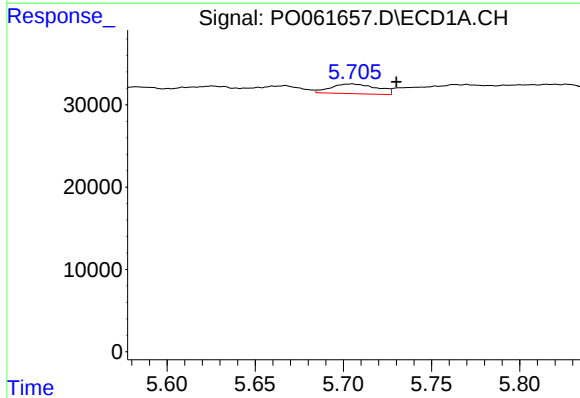
R.T.: 5.626 min
Delta R.T.: -0.014 min
Response: 8498
Conc: 5.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



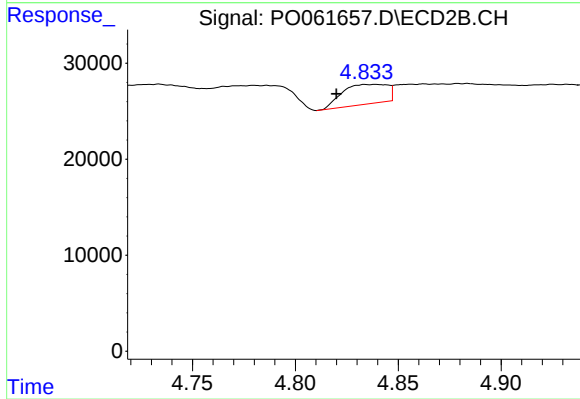
#5 AR-1016-3

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 44743
Conc: 44.67 ng/ml



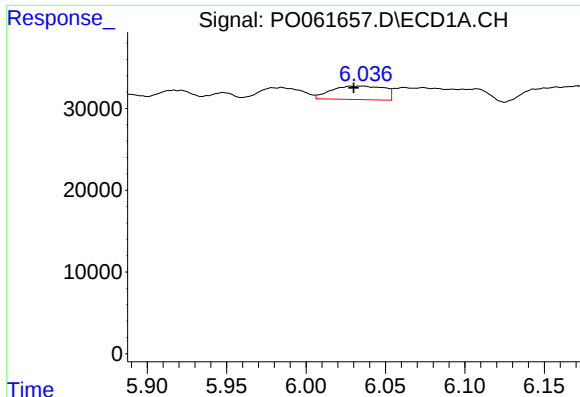
#6 AR-1016-4

R.T.: 5.705 min
Delta R.T.: -0.025 min
Response: 21441
Conc: 16.04 ng/ml



#6 AR-1016-4

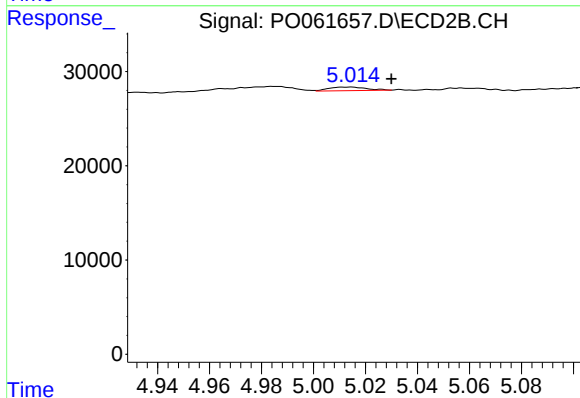
R.T.: 4.839 min
Delta R.T.: 0.019 min
Response: 31460
Conc: 36.30 ng/ml



#7 AR-1016-5

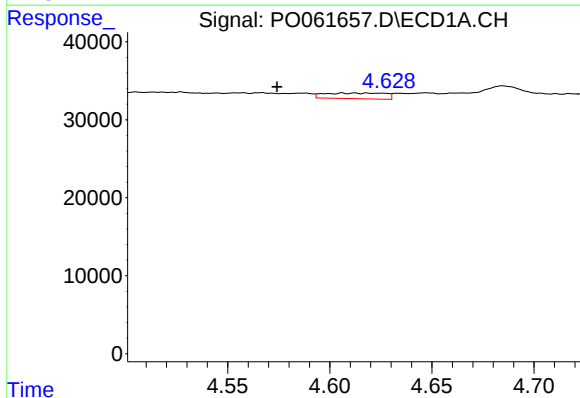
R.T.: 6.035 min
Delta R.T.: 0.005 min
Response: 38208
Conc: 27.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



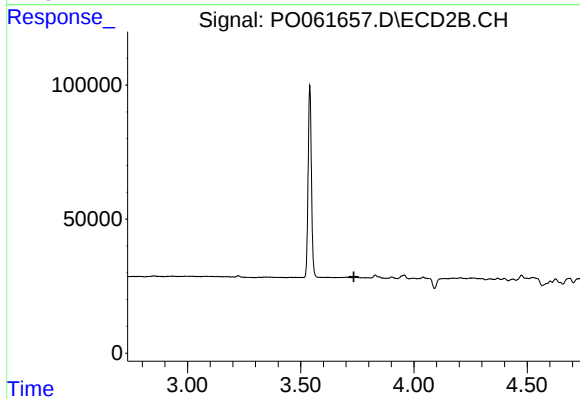
#7 AR-1016-5

R.T.: 5.015 min
Delta R.T.: -0.015 min
Response: 3830
Conc: 3.36 ng/ml



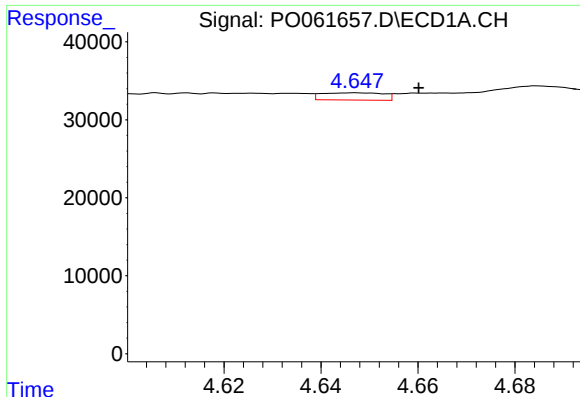
#8 AR-1221-1

R.T.: 4.606 min
Delta R.T.: 0.032 min
Response: 15090
Conc: 32.64 ng/ml



#8 AR-1221-1

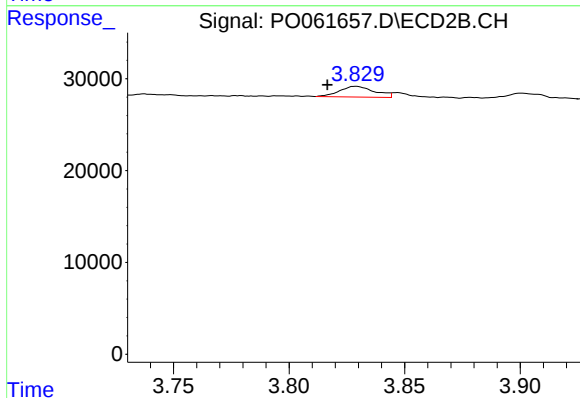
R.T.: 0.000 min
Exp R.T.: 3.735 min
Response: 0
Conc: N.D.



#9 AR-1221-2

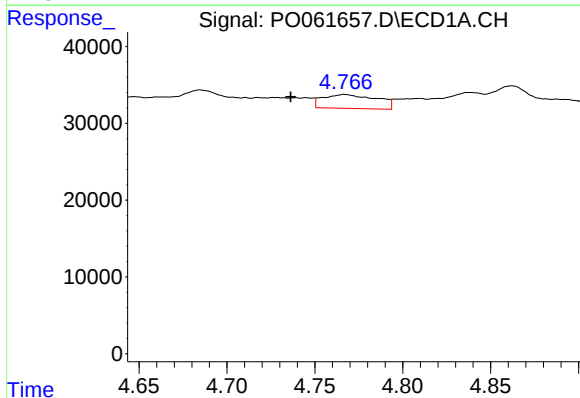
R.T.: 4.647 min
Delta R.T.: -0.013 min
Response: 8217
Conc: 22.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



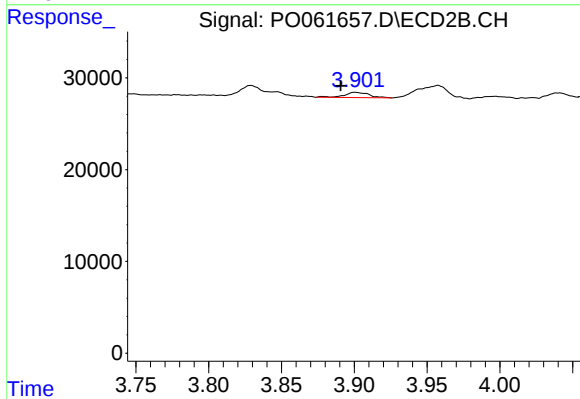
#9 AR-1221-2

R.T.: 3.829 min
Delta R.T.: 0.012 min
Response: 12195
Conc: 39.54 ng/ml



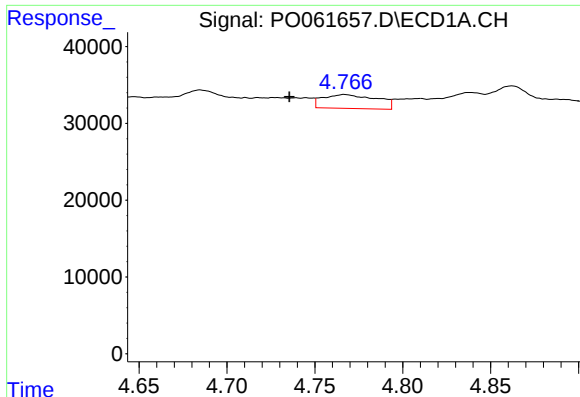
#10 AR-1221-3

R.T.: 4.767 min
Delta R.T.: 0.031 min
Response: 38322
Conc: 33.66 ng/ml



#10 AR-1221-3

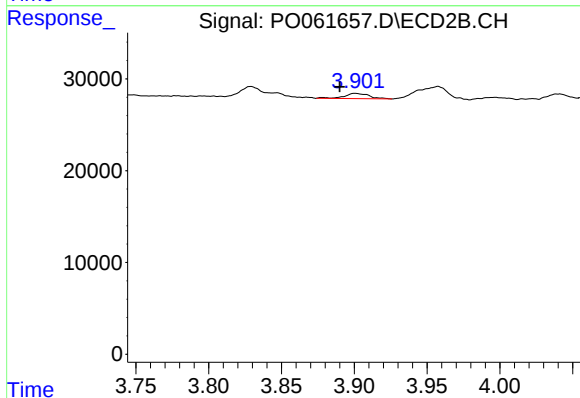
R.T.: 3.901 min
Delta R.T.: 0.010 min
Response: 6925
Conc: 7.59 ng/ml



#11 AR-1232-1

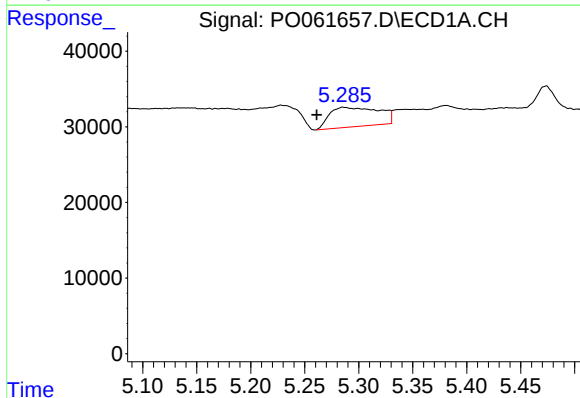
R.T.: 4.767 min
Delta R.T.: 0.031 min
Response: 38322
Conc: 27.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



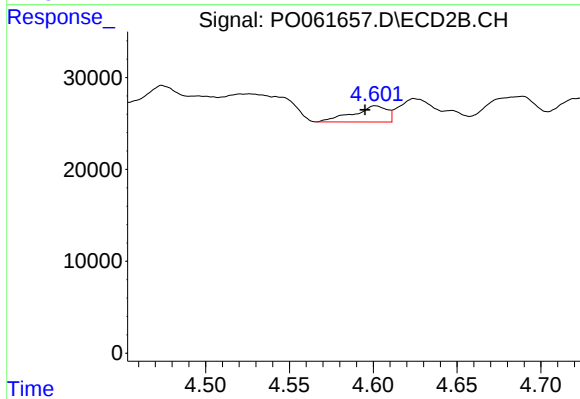
#11 AR-1232-1

R.T.: 3.901 min
Delta R.T.: 0.011 min
Response: 6925
Conc: 6.17 ng/ml



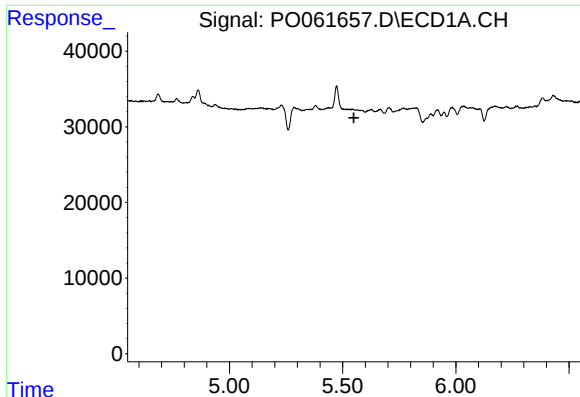
#12 AR-1232-2

R.T.: 5.286 min
Delta R.T.: 0.025 min
Response: 81996
Conc: 104.51 ng/ml



#12 AR-1232-2

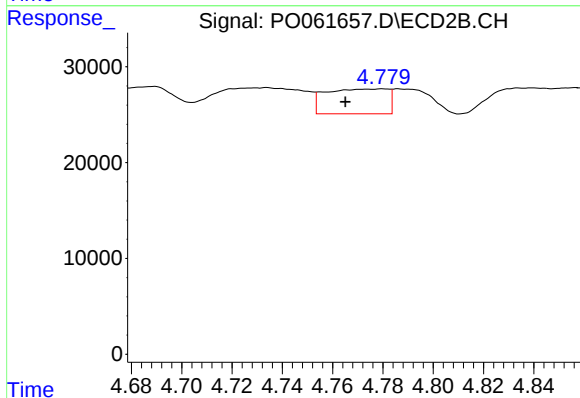
R.T.: 4.601 min
Delta R.T.: 0.006 min
Response: 24832
Conc: 20.34 ng/ml



#13 AR-1232-3

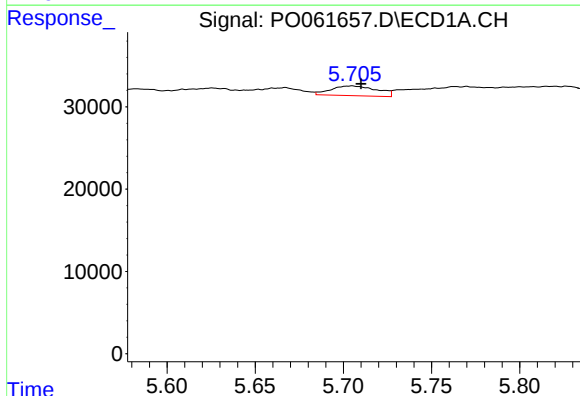
R.T.: 0.000 min
Exp R.T.: 5.550 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



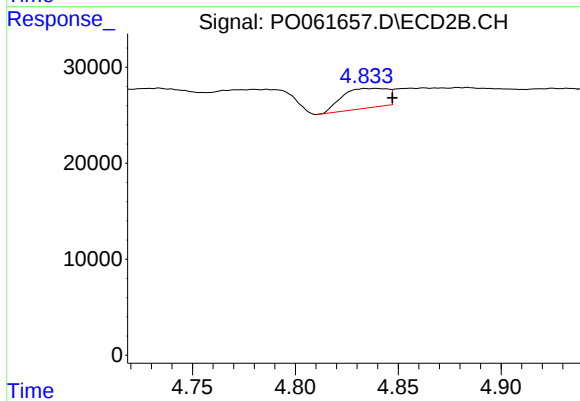
#13 AR-1232-3

R.T.: 4.780 min
Delta R.T.: 0.015 min
Response: 44743
Conc: 67.77 ng/ml



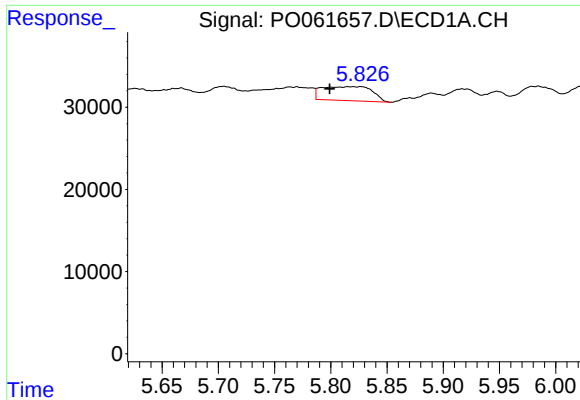
#14 AR-1232-4

R.T.: 5.705 min
Delta R.T.: -0.005 min
Response: 21441
Conc: 24.23 ng/ml



#14 AR-1232-4

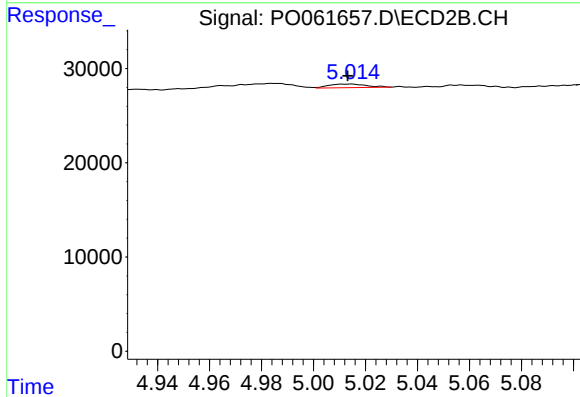
R.T.: 4.839 min
Delta R.T.: -0.008 min
Response: 31460
Conc: 49.91 ng/ml



#15 AR-1232-5

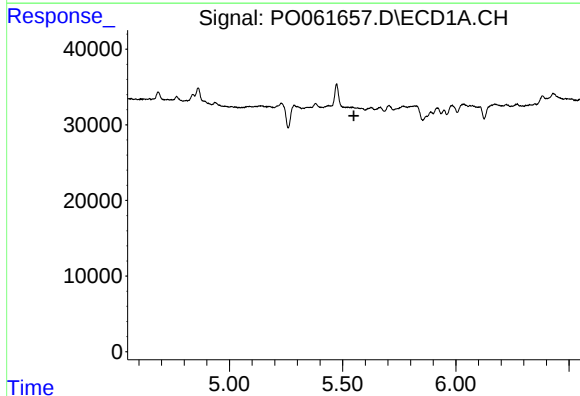
R.T.: 5.820 min
Delta R.T.: 0.021 min
Response: 53111
Conc: 76.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



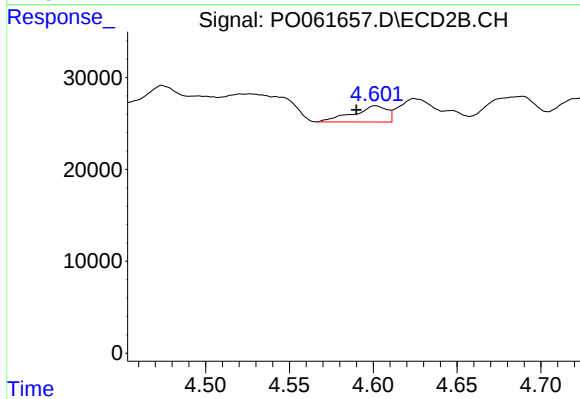
#15 AR-1232-5

R.T.: 5.015 min
Delta R.T.: 0.001 min
Response: 3830
Conc: 5.58 ng/ml



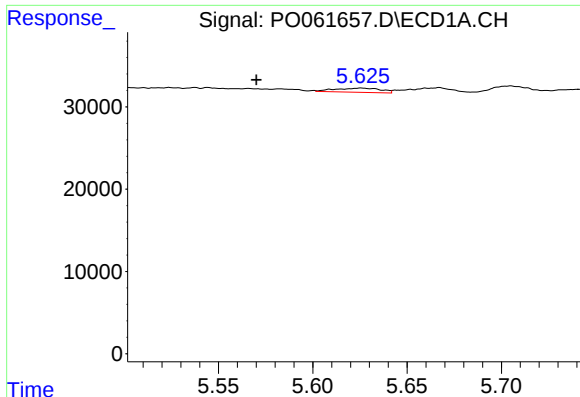
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.550 min
Response: 0
Conc: N.D.



#16 AR-1242-1

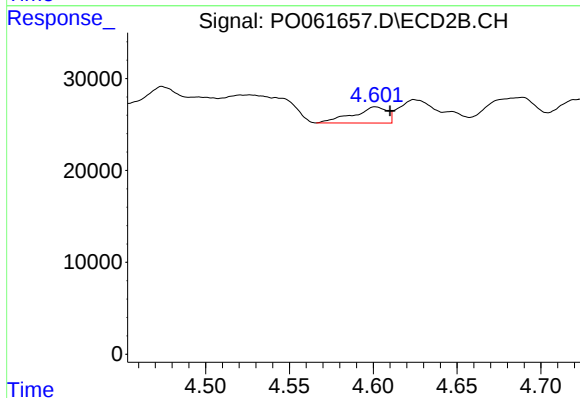
R.T.: 4.601 min
Delta R.T.: 0.011 min
Response: 24832
Conc: 24.24 ng/ml



#17 AR-1242-2

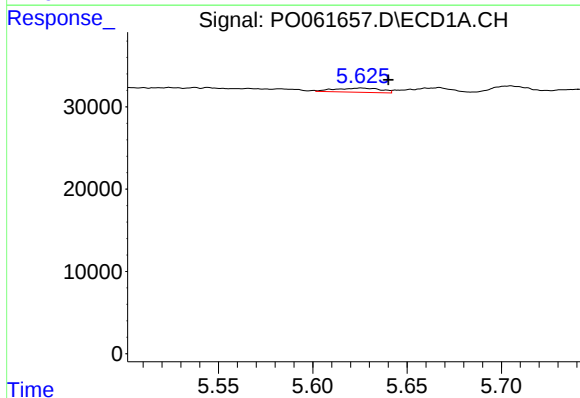
R.T.: 5.626 min
Delta R.T.: 0.056 min
Response: 8498
Conc: 4.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



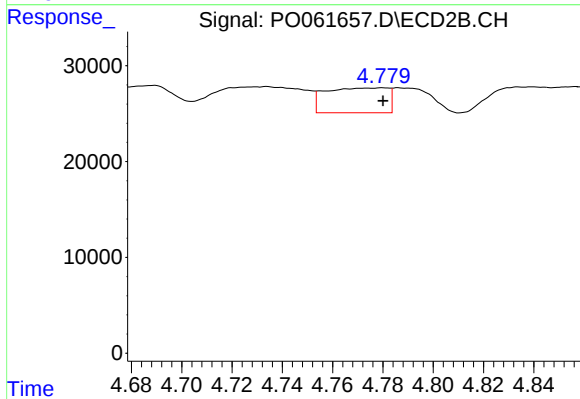
#17 AR-1242-2

R.T.: 4.601 min
Delta R.T.: -0.009 min
Response: 24832
Conc: 17.61 ng/ml



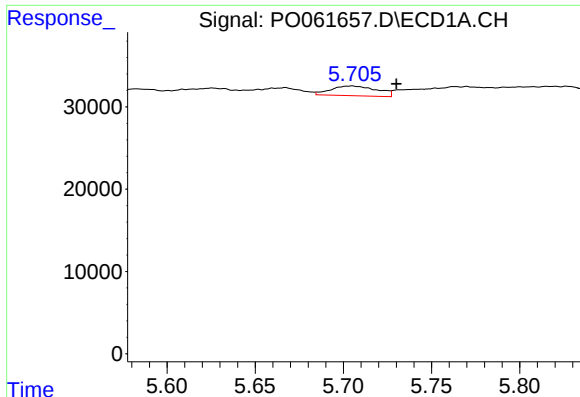
#18 AR-1242-3

R.T.: 5.626 min
Delta R.T.: -0.014 min
Response: 8498
Conc: 6.73 ng/ml



#18 AR-1242-3

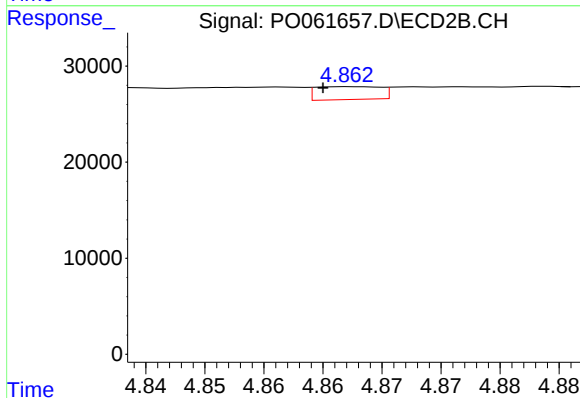
R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 44743
Conc: 57.30 ng/ml



#19 AR-1242-4

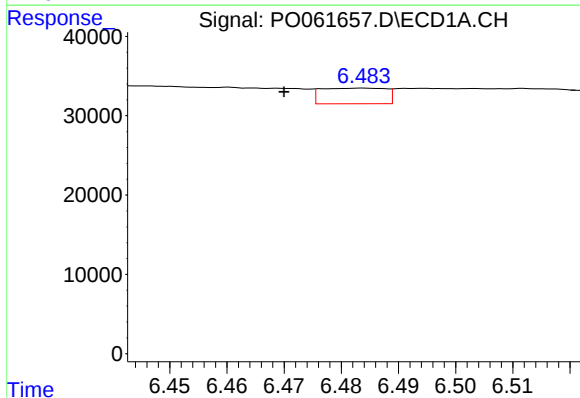
R.T.: 5.705 min
Delta R.T.: -0.025 min
Response: 21441
Conc: 20.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



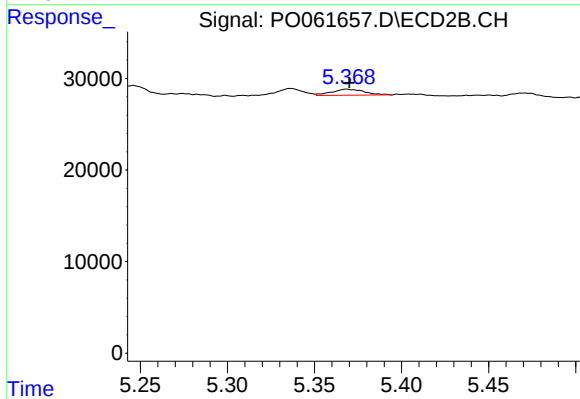
#19 AR-1242-4

R.T.: 4.863 min
Delta R.T.: 0.003 min
Response: 5116
Conc: 6.23 ng/ml



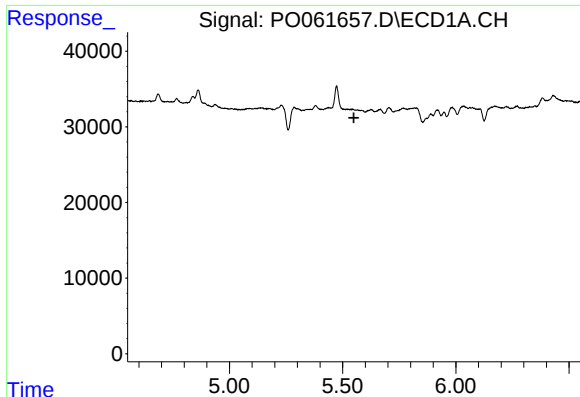
#20 AR-1242-5

R.T.: 6.484 min
Delta R.T.: 0.014 min
Response: 15489
Conc: 11.58 ng/ml



#20 AR-1242-5

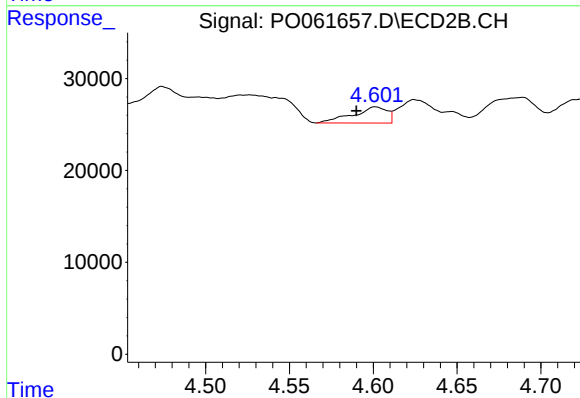
R.T.: 5.368 min
Delta R.T.: -0.002 min
Response: 8520
Conc: 7.95 ng/ml



#21 AR-1248-1

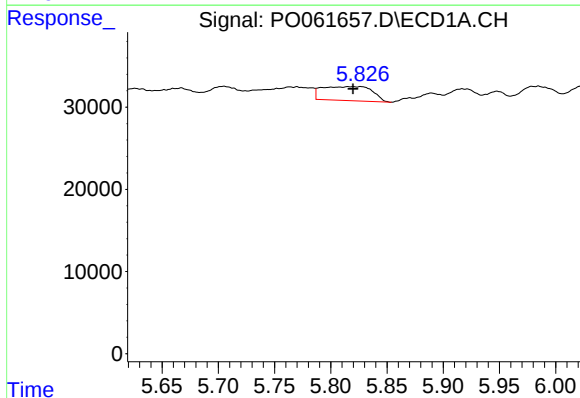
R.T.: 0.000 min
Exp R.T.: 5.550 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



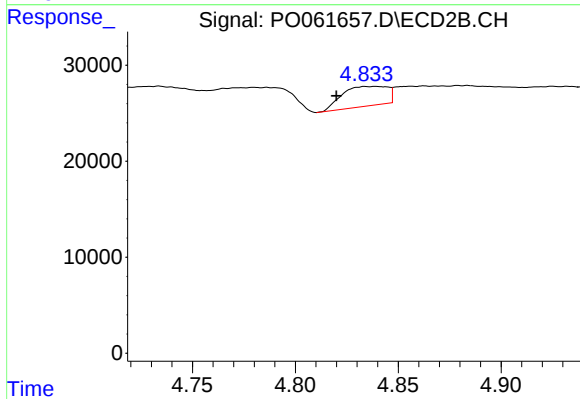
#21 AR-1248-1

R.T.: 4.601 min
Delta R.T.: 0.011 min
Response: 24832
Conc: 27.75 ng/ml



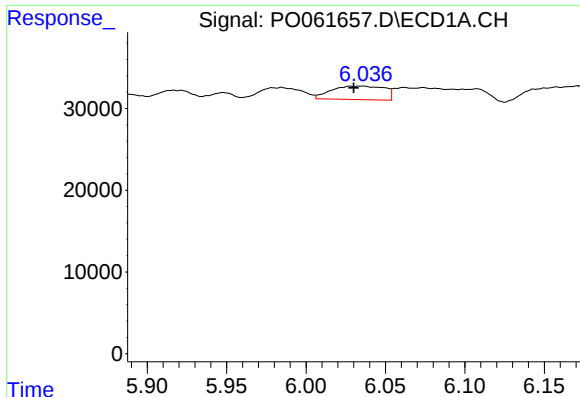
#22 AR-1248-2

R.T.: 5.820 min
Delta R.T.: 0.000 min
Response: 53111
Conc: 31.48 ng/ml



#22 AR-1248-2

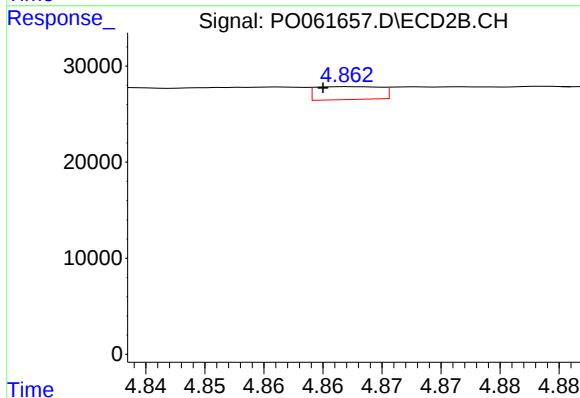
R.T.: 4.839 min
Delta R.T.: 0.019 min
Response: 31460
Conc: 26.70 ng/ml



#23 AR-1248-3

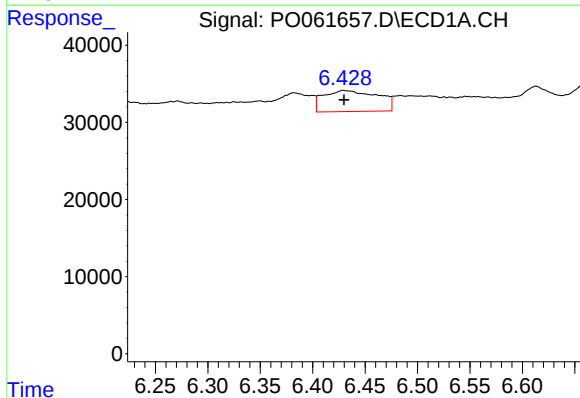
R.T.: 6.035 min
Delta R.T.: 0.005 min
Response: 38208
Conc: 20.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



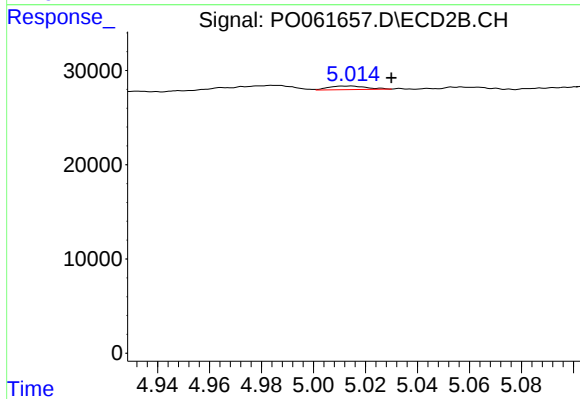
#23 AR-1248-3

R.T.: 4.863 min
Delta R.T.: 0.003 min
Response: 5116
Conc: 4.12 ng/ml



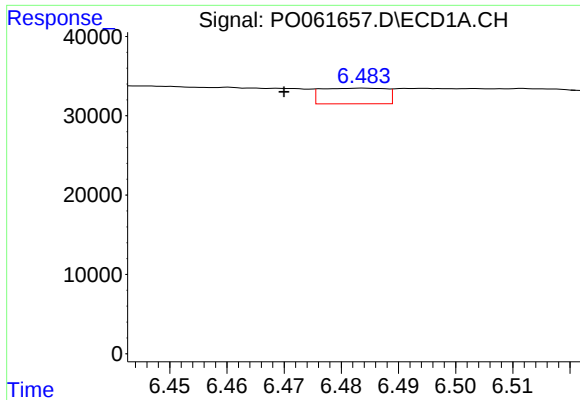
#24 AR-1248-4

R.T.: 6.429 min
Delta R.T.: 0.000 min
Response: 99142
Conc: 41.96 ng/ml



#24 AR-1248-4

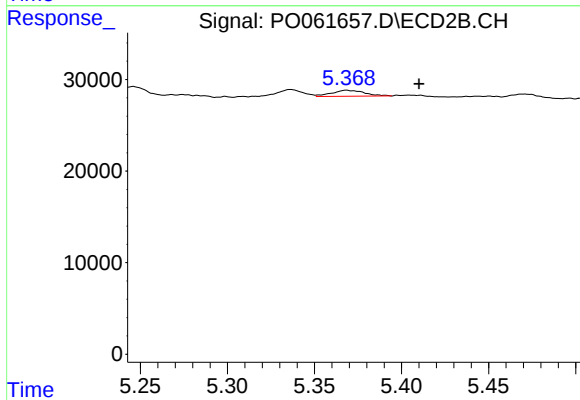
R.T.: 5.015 min
Delta R.T.: -0.015 min
Response: 3830
Conc: 2.55 ng/ml



#25 AR-1248-5

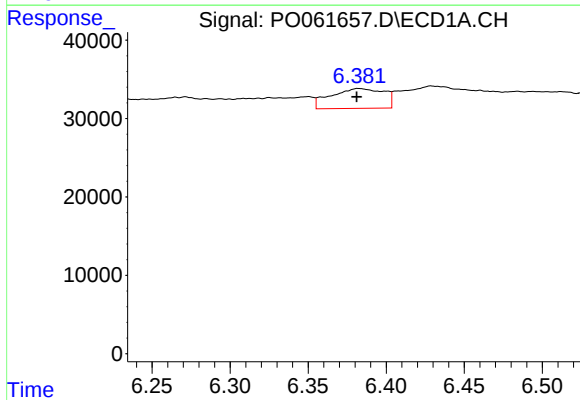
R.T.: 6.484 min
Delta R.T.: 0.014 min
Response: 15489
Conc: 6.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



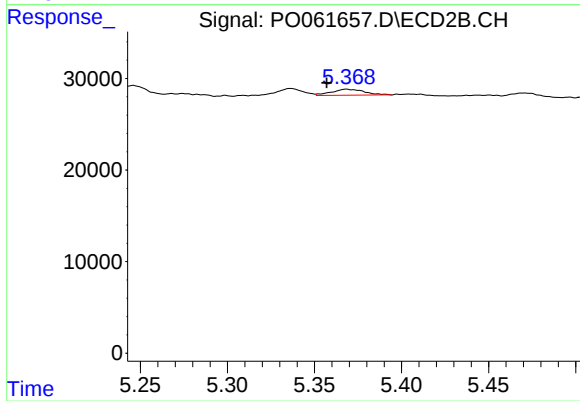
#25 AR-1248-5

R.T.: 5.368 min
Delta R.T.: -0.042 min
Response: 8520
Conc: 5.55 ng/ml



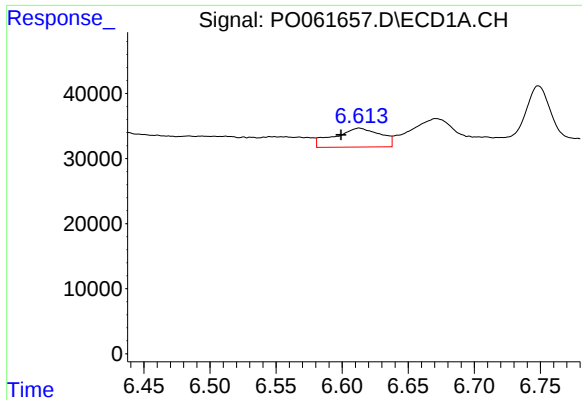
#26 AR-1254-1

R.T.: 6.382 min
Delta R.T.: 0.001 min
Response: 59859
Conc: 26.24 ng/ml



#26 AR-1254-1

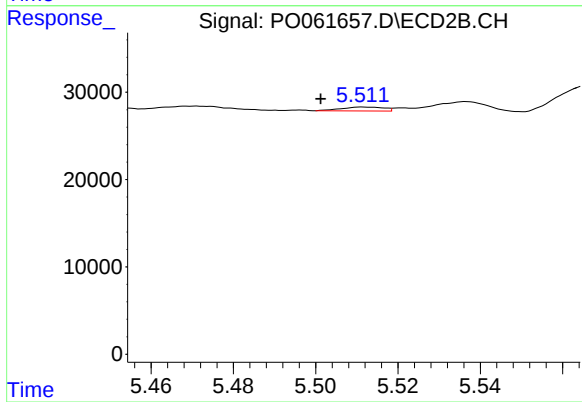
R.T.: 5.368 min
Delta R.T.: 0.011 min
Response: 8520
Conc: 3.88 ng/ml



#27 AR-1254-2

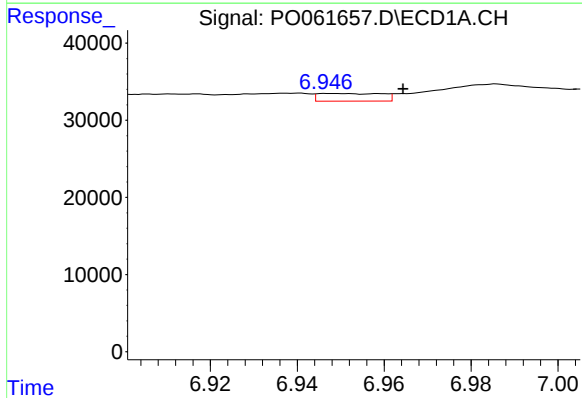
R.T.: 6.613 min
Delta R.T.: 0.014 min
Response: 70793
Conc: 19.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



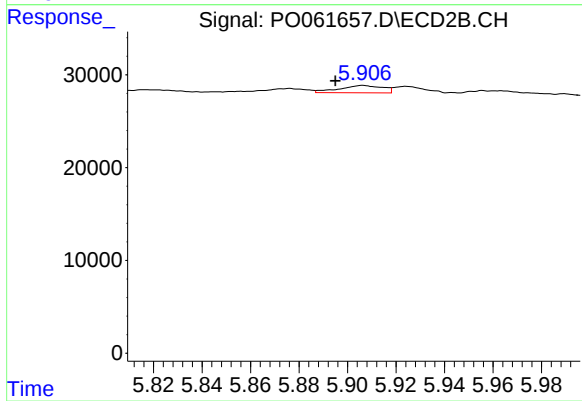
#27 AR-1254-2

R.T.: 5.511 min
Delta R.T.: 0.010 min
Response: 3232
Conc: 1.65 ng/ml



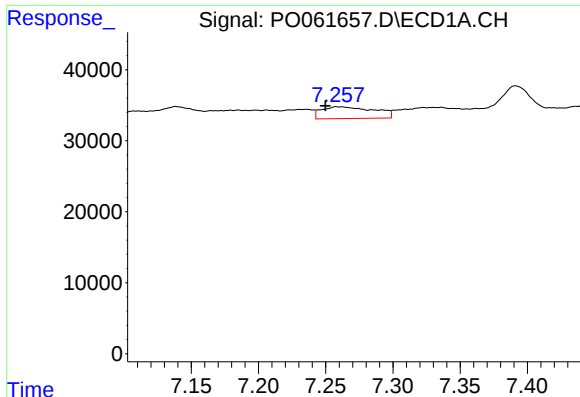
#28 AR-1254-3

R.T.: 6.948 min
Delta R.T.: -0.017 min
Response: 10197
Conc: 2.61 ng/ml



#28 AR-1254-3

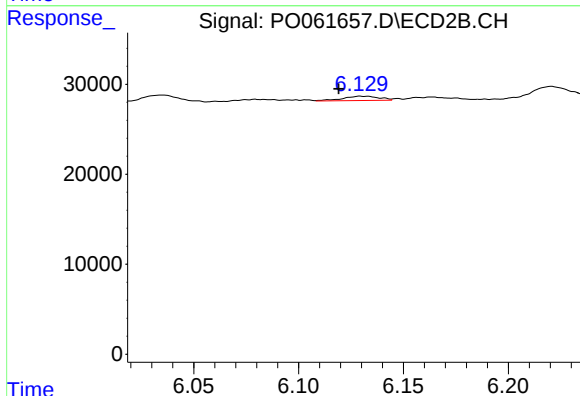
R.T.: 5.907 min
Delta R.T.: 0.012 min
Response: 9705
Conc: 3.05 ng/ml



#29 AR-1254-4

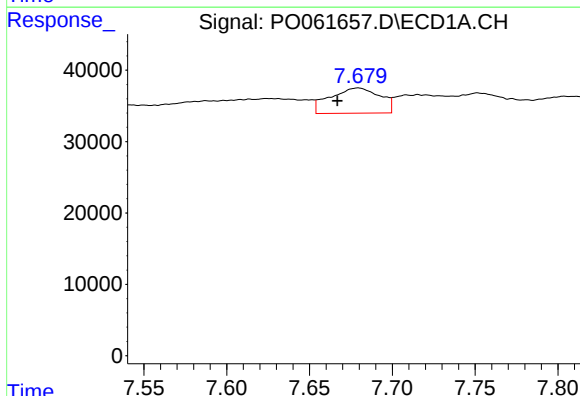
R.T.: 7.261 min
Delta R.T.: 0.012 min
Response: 45335
Conc: 14.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



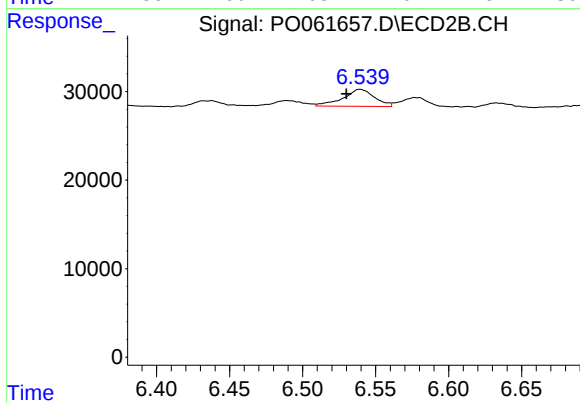
#29 AR-1254-4

R.T.: 6.129 min
Delta R.T.: 0.010 min
Response: 5719
Conc: 2.82 ng/ml



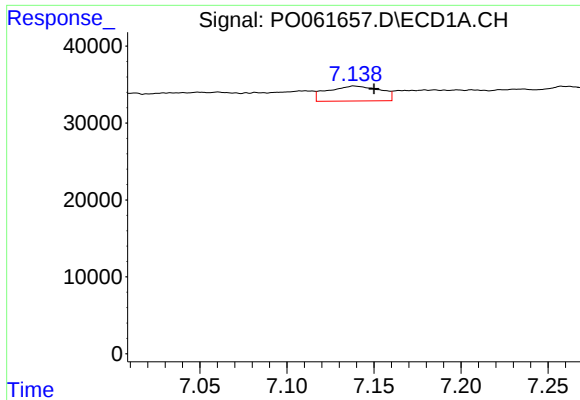
#30 AR-1254-5

R.T.: 7.679 min
Delta R.T.: 0.012 min
Response: 73844
Conc: 23.51 ng/ml



#30 AR-1254-5

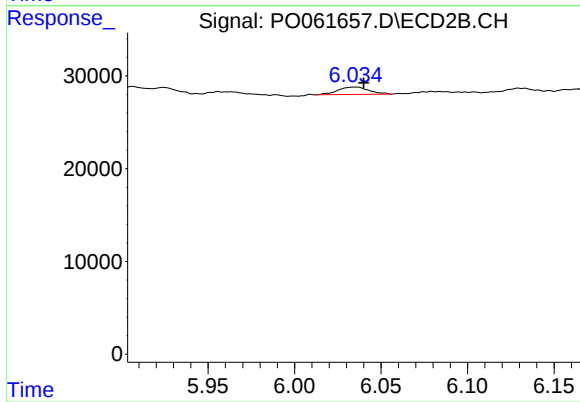
R.T.: 6.539 min
Delta R.T.: 0.009 min
Response: 28866
Conc: 10.21 ng/ml



#31 AR-1260-1

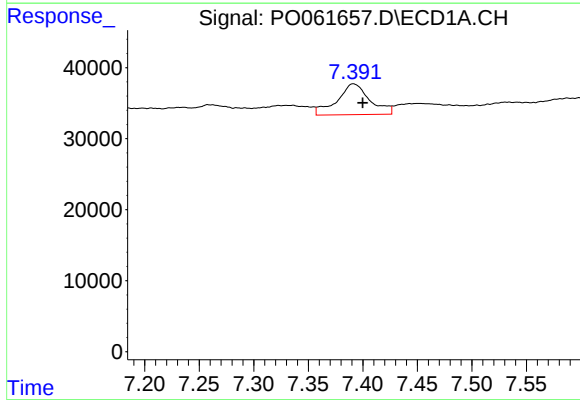
R.T.: 7.139 min
Delta R.T.: -0.011 min
Response: 41119
Conc: 15.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



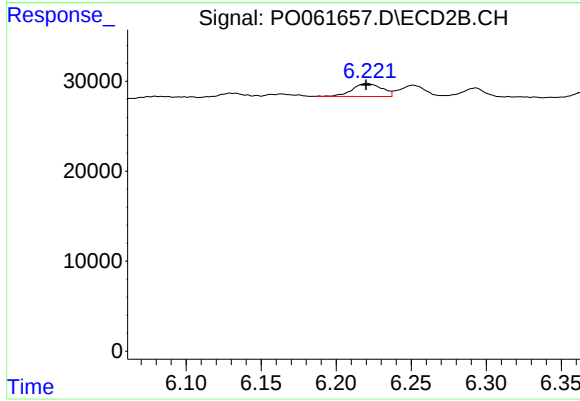
#31 AR-1260-1

R.T.: 6.035 min
Delta R.T.: -0.005 min
Response: 9976
Conc: 4.89 ng/ml



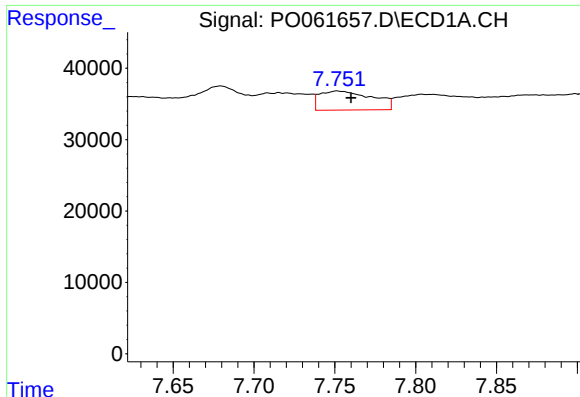
#32 AR-1260-2

R.T.: 7.391 min
Delta R.T.: -0.009 min
Response: 90694
Conc: 28.45 ng/ml



#32 AR-1260-2

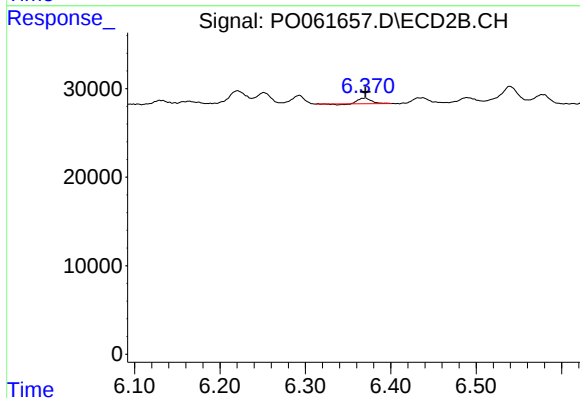
R.T.: 6.221 min
Delta R.T.: 0.000 min
Response: 19952
Conc: 8.31 ng/ml



#33 AR-1260-3

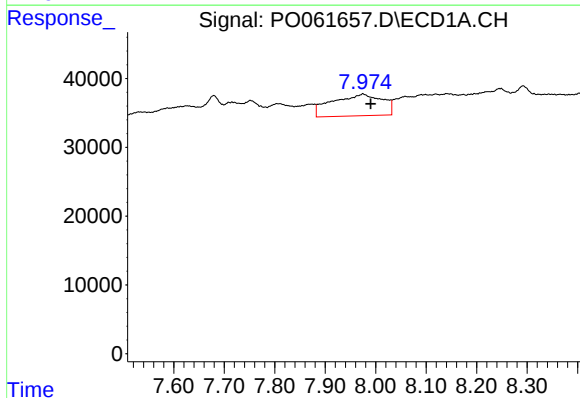
R.T.: 7.752 min
Delta R.T.: -0.008 min
Response: 60457
Conc: 25.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



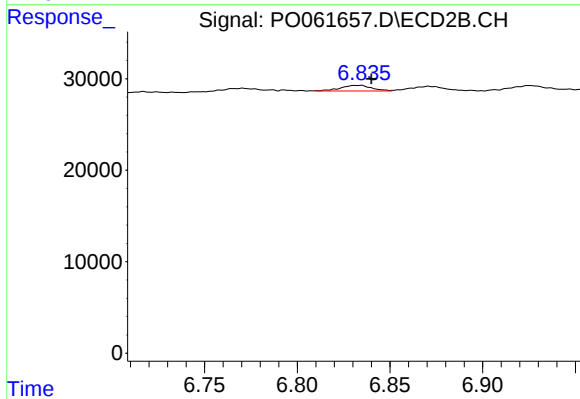
#33 AR-1260-3

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 6395
Conc: 2.84 ng/ml



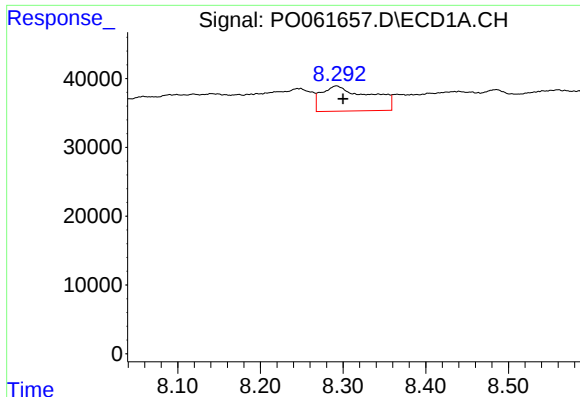
#34 AR-1260-4

R.T.: 7.975 min
Delta R.T.: -0.015 min
Response: 217564
Conc: 81.42 ng/ml



#34 AR-1260-4

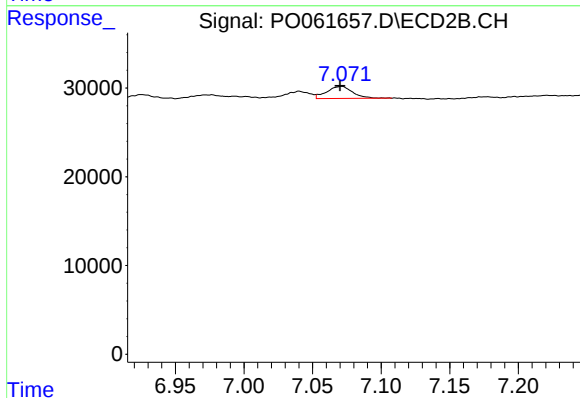
R.T.: 6.834 min
Delta R.T.: -0.006 min
Response: 7250
Conc: 3.93 ng/ml



#35 AR-1260-5

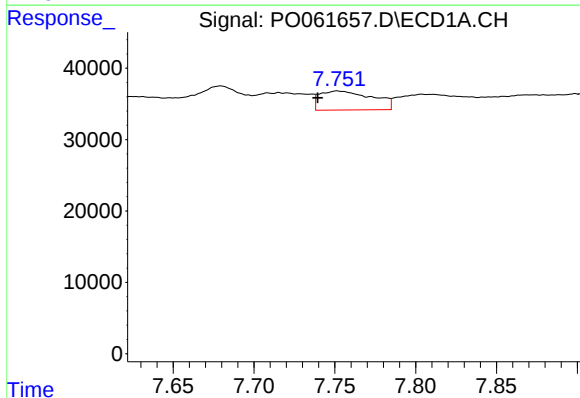
R.T.: 8.292 min
Delta R.T.: -0.008 min
Response: 148305
Conc: 29.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



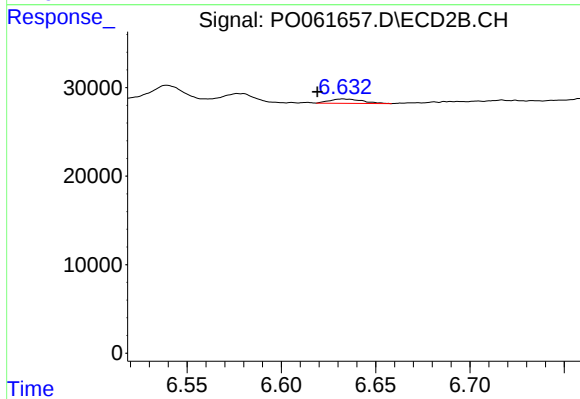
#35 AR-1260-5

R.T.: 7.071 min
Delta R.T.: 0.001 min
Response: 17914
Conc: 4.60 ng/ml



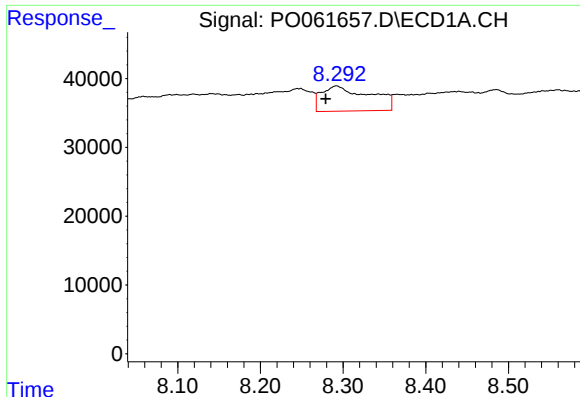
#36 AR-1262-1

R.T.: 7.752 min
Delta R.T.: 0.012 min
Response: 60457
Conc: 15.78 ng/ml



#36 AR-1262-1

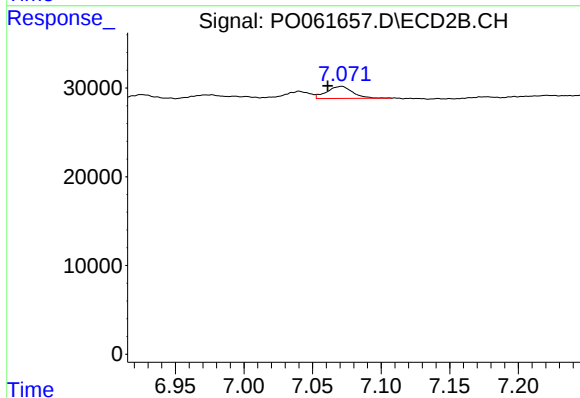
R.T.: 6.633 min
Delta R.T.: 0.013 min
Response: 5985
Conc: 4.90 ng/ml



#37 AR-1262-2

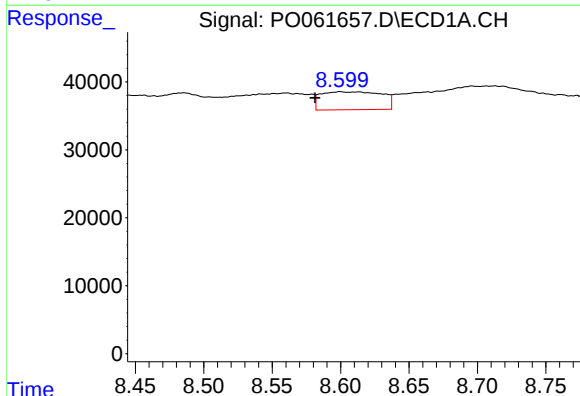
R.T.: 8.292 min
Delta R.T.: 0.013 min
Response: 148305
Conc: 23.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



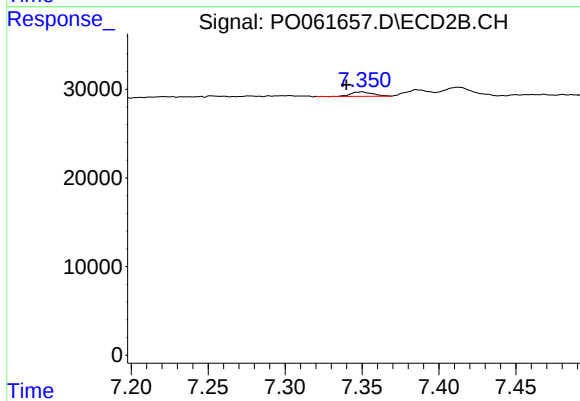
#37 AR-1262-2

R.T.: 7.071 min
Delta R.T.: 0.010 min
Response: 17914
Conc: 3.90 ng/ml



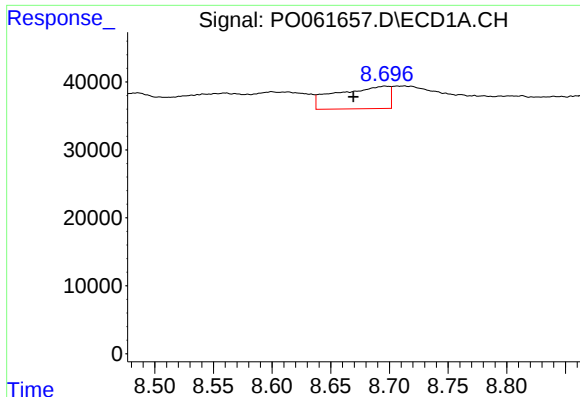
#38 AR-1262-3

R.T.: 8.600 min
Delta R.T.: 0.018 min
Response: 81606
Conc: 19.63 ng/ml



#38 AR-1262-3

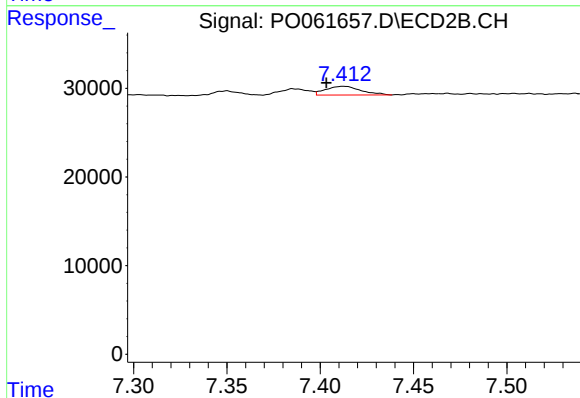
R.T.: 7.350 min
Delta R.T.: 0.010 min
Response: 4968
Conc: 2.64 ng/ml



#39 AR-1262-4

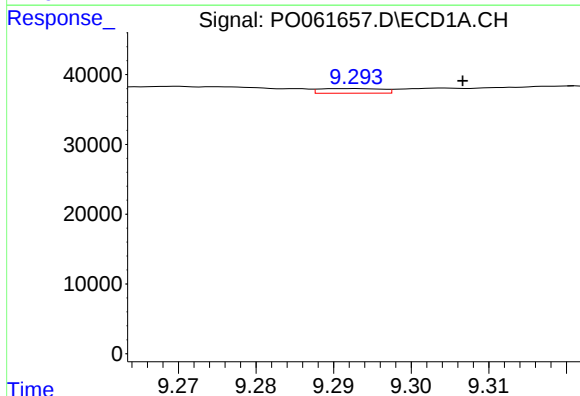
R.T.: 8.696 min
Delta R.T.: 0.027 min
Response: 102532
Conc: 32.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



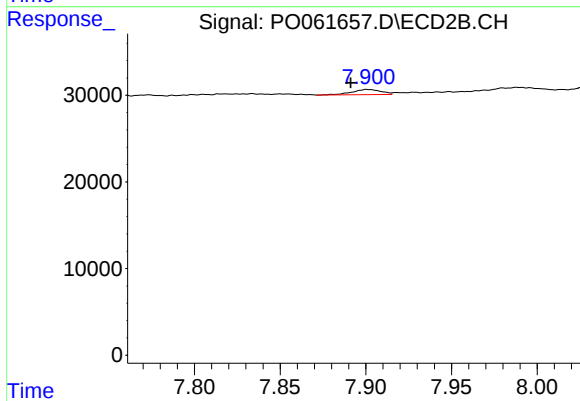
#39 AR-1262-4

R.T.: 7.413 min
Delta R.T.: 0.009 min
Response: 13023
Conc: 3.87 ng/ml



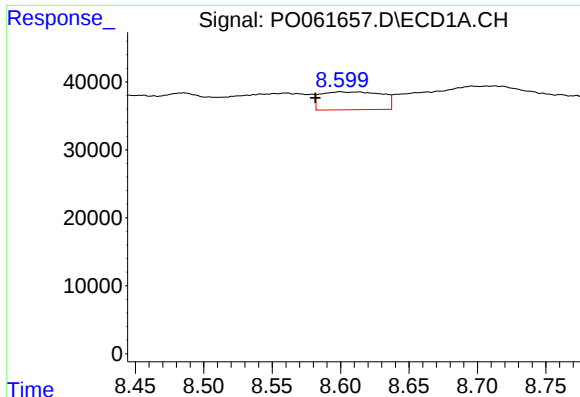
#40 AR-1262-5

R.T.: 9.292 min
Delta R.T.: -0.015 min
Response: 3740
Conc: 1.84 ng/ml



#40 AR-1262-5

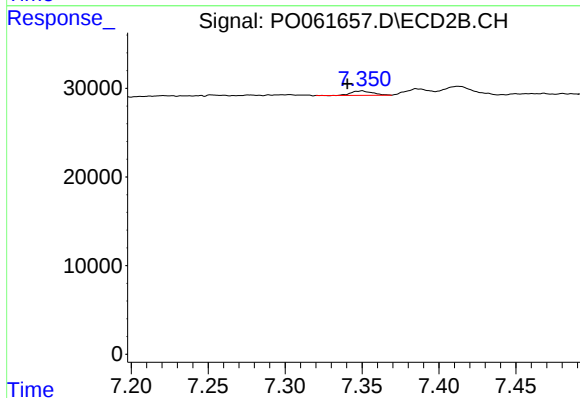
R.T.: 7.901 min
Delta R.T.: 0.010 min
Response: 6904
Conc: 4.55 ng/ml



#41 AR-1268-1

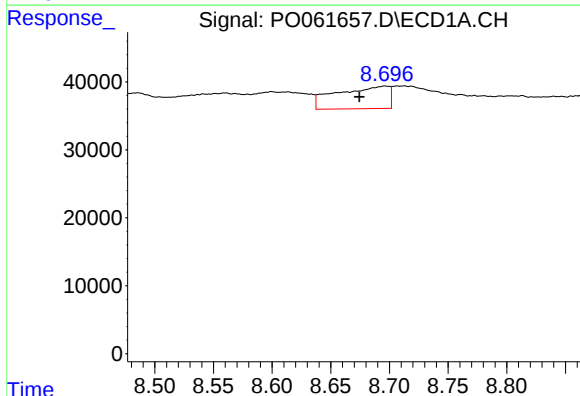
R.T.: 8.600 min
Delta R.T.: 0.018 min
Response: 81606
Conc: 12.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



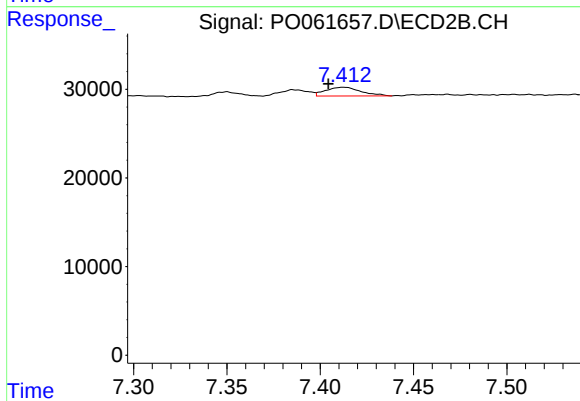
#41 AR-1268-1

R.T.: 7.350 min
Delta R.T.: 0.009 min
Response: 4968
Conc: 1.03 ng/ml



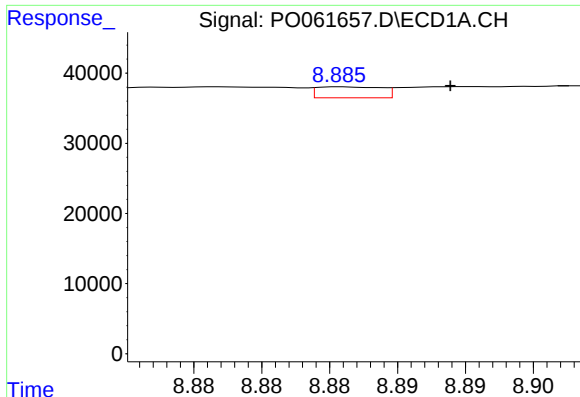
#42 AR-1268-2

R.T.: 8.696 min
Delta R.T.: 0.022 min
Response: 102532
Conc: 16.56 ng/ml



#42 AR-1268-2

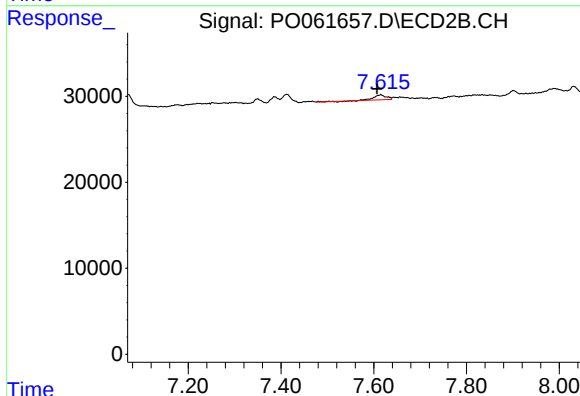
R.T.: 7.413 min
Delta R.T.: 0.008 min
Response: 13023
Conc: 3.02 ng/ml



#43 AR-1268-3

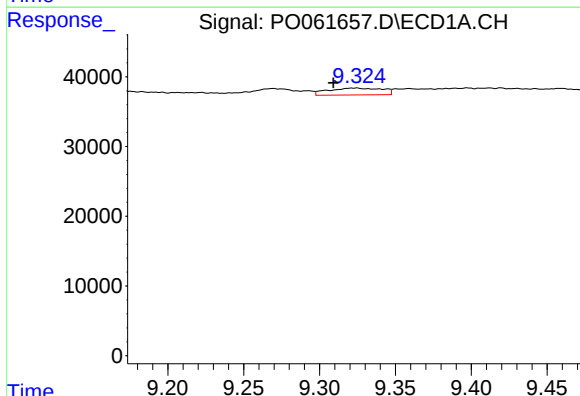
R.T.: 8.886 min
Delta R.T.: -0.008 min
Response: 5155
Conc: 1.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



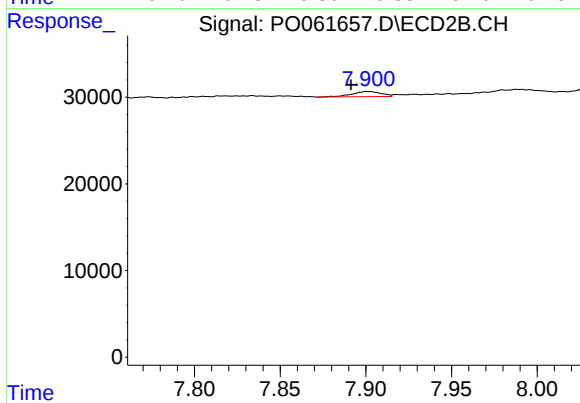
#43 AR-1268-3

R.T.: 7.615 min
Delta R.T.: 0.008 min
Response: 10561
Conc: 2.95 ng/ml



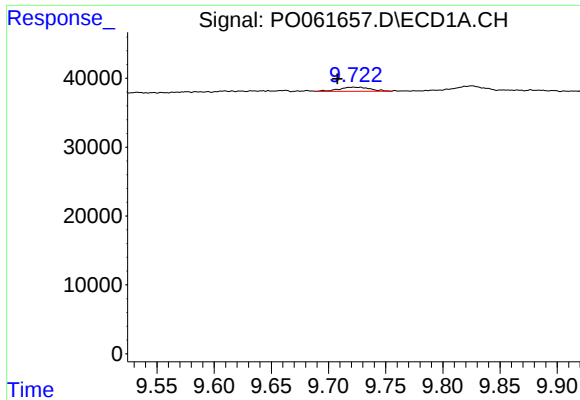
#44 AR-1268-4

R.T.: 9.324 min
Delta R.T.: 0.015 min
Response: 24384
Conc: 11.15 ng/ml



#44 AR-1268-4

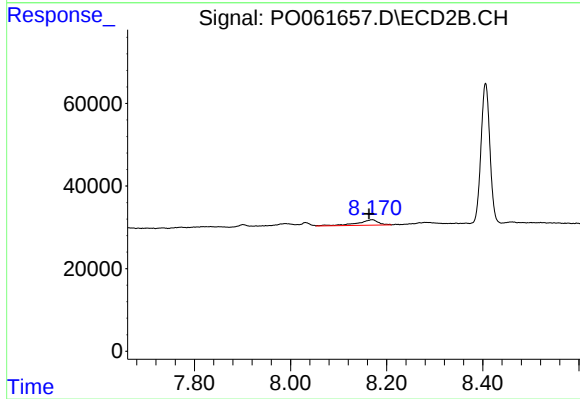
R.T.: 7.901 min
Delta R.T.: 0.010 min
Response: 6904
Conc: 4.29 ng/ml



#45 AR-1268-5

R.T.: 9.722 min
Delta R.T.: 0.014 min
Response: 11242
Conc: 0.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.170 min
Delta R.T.: 0.007 min
Response: 38796
Conc: 3.86 ng/ml