

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100819\
 Data File : PO061786.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 08 Oct 2019 16:08
 Operator : HP/AJ
 Sample : I,BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 08 16:23:30 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...	4.360	3.520	828194	617340	20.193	19.089
2)	SA Decachlor...	10.022	8.382	1041996	721408	22.374	22.282
Target Compounds							
3)	L1 AR-1016-1	5.520	4.578	2308	406	1.259	0.302 #
4)	L1 AR-1016-2	5.542	4.585	1750	1370	0.677	0.739
5)	L1 AR-1016-3	5.607	4.760	1605	1155	0.999	1.153
6)	L1 AR-1016-4	5.702	4.813	4925	295	3.684	0.340 #
7)	L1 AR-1016-5	5.993	5.016	2567	3252	1.871	2.849 #
8)	L2 AR-1221-1	4.585	3.722	443	534	0.958	1.348 #
9)	L2 AR-1221-2	4.664	3.809	14213	10444	39.588	33.865
10)	L2 AR-1221-3	4.734	3.884	2501	455	2.197	0.499 #
11)	L3 AR-1232-1	4.734	3.884	2501	455	1.789	0.405 #
12)	L3 AR-1232-2	5.254	4.585	3867	1370	4.929	1.122 #
13)	L3 AR-1232-3	5.542	4.760	1750	1155	1.024	1.749 #
14)	L3 AR-1232-4	5.702	4.840	4925	884	5.566	1.403 #
15)	L3 AR-1232-5	5.813	5.016	3851	3252	5.554	4.739
16)	L4 AR-1242-1	5.520	4.578	2308	406	1.625	0.396 #
17)	L4 AR-1242-2	5.542	4.585	1750	1370	0.871	0.971
18)	L4 AR-1242-3	5.607	4.760	1605	1155	1.272	1.479
19)	L4 AR-1242-4	5.702	4.855	4925	466	4.687	0.568 #
20)	L4 AR-1242-5	6.408	5.345	55159	1890	41.240	1.764 #
21)	L5 AR-1248-1	5.520	4.578	2308	406	1.964	0.454 #
22)	L5 AR-1248-2	5.813	4.813	3851	295	2.282	0.250 #
23)	L5 AR-1248-3	5.993	4.840	2567	884	1.373	0.713 #
24)	L5 AR-1248-4	6.408	5.016	55159	3252	23.344	2.163 #
25)	L5 AR-1248-5	6.408	5.418	55159	662	24.326	0.432 #
26)	L6 AR-1254-1	6.377	5.345	27762	1890	12.169	0.862 #
27)	L6 AR-1254-2	6.599	5.489	13498	173	3.736	0.088 #
28)	L6 AR-1254-3	6.967	5.895	15007	798	3.841	0.251 #
29)	L6 AR-1254-4	7.271	6.114	32964	1275	10.884	0.629 #
30)	L6 AR-1254-5	7.677	6.522	103147	1100	32.845	0.389 #
31)	L7 AR-1260-1	7.103	6.027	15437	1176	5.913	0.576 #
32)	L7 AR-1260-2	7.393	6.209	32947	539	10.335	0.224 #
33)	L7 AR-1260-3	7.752	6.336	58065	800	24.175	0.355 #
34)	L7 AR-1260-4	0.000	6.818	0	1234	N.D.	0.668 #
35)	L7 AR-1260-5	8.291	7.053	95915	6071	19.384	1.559 #
36)	L8 AR-1262-1	7.752	6.634	58065	782	15.155	0.641 #
37)	L8 AR-1262-2	8.291	7.069	95915	3930	15.450	0.855 #
38)	L8 AR-1262-3	8.550	7.330	222931	697	53.637	0.370 #
39)	L8 AR-1262-4	0.000	7.397	0	2772	N.D.	0.825 #
40)	L8 AR-1262-5	9.326	7.896	111696	399	54.925	0.264 #
41)	L9 AR-1268-1	8.550	7.330	222931	697	33.152	0.144 #

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 Acq On : 08 Oct 2019 16:08
 Operator : HP/AJ
 Sample : I,BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

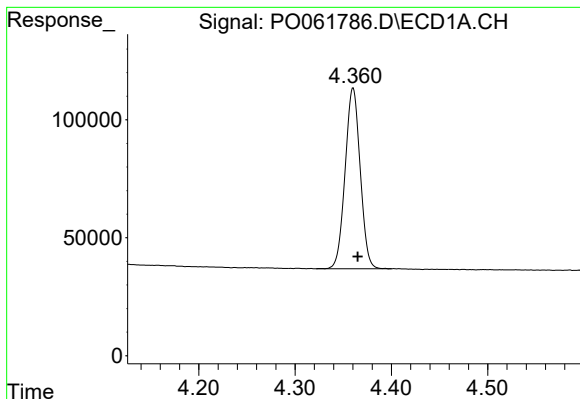
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 08 16:23:30 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.M
 Quant Title : GC EXTRACTABLES
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 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
42) L9	AR-1268-2	0.000	7.397	0	2772	N.D.	0.643 #
43) L9	AR-1268-3	8.887	7.619	103872	386	20.319	0.108 #
44) L9	AR-1268-4	9.326	7.896	111696	399	51.082	0.248 #
45) L9	AR-1268-5	9.698	8.173	7694	1044	0.512	0.104 #

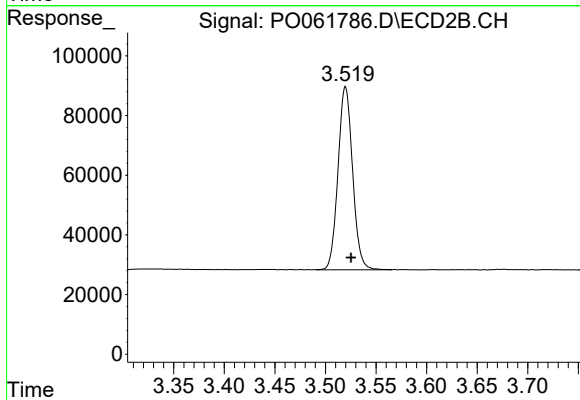
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

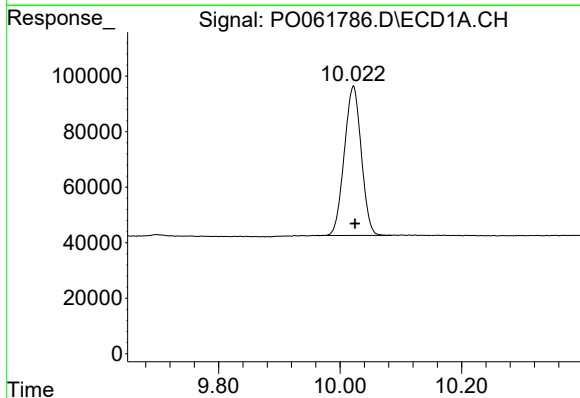
R.T.: 4.360 min
Delta R.T.: -0.005 min
Response: 828194
Conc: 20.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



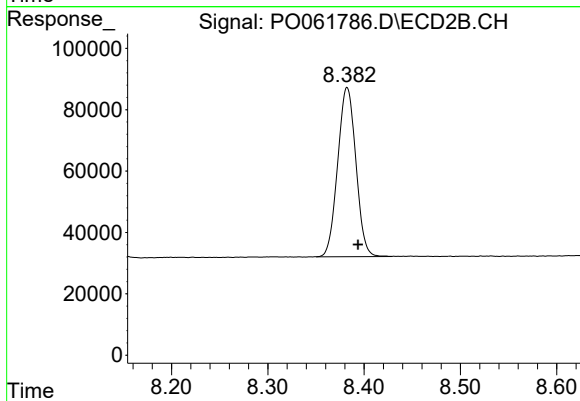
#1 Tetrachloro-m-xylene

R.T.: 3.520 min
Delta R.T.: -0.006 min
Response: 617340
Conc: 19.09 ng/ml



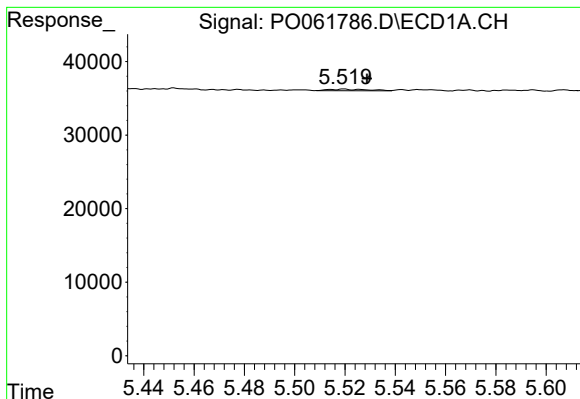
#2 Decachlorobiphenyl

R.T.: 10.022 min
Delta R.T.: -0.003 min
Response: 1041996
Conc: 22.37 ng/ml



#2 Decachlorobiphenyl

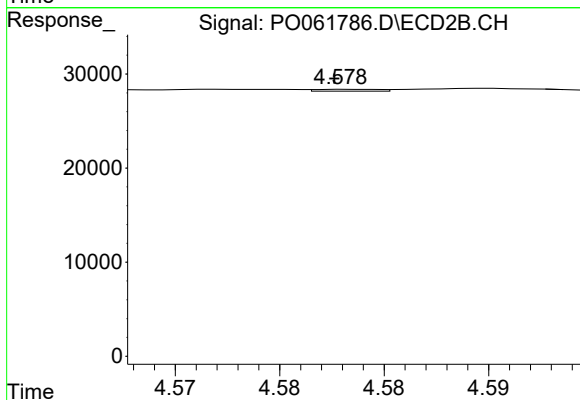
R.T.: 8.382 min
Delta R.T.: -0.011 min
Response: 721408
Conc: 22.28 ng/ml



#3 AR-1016-1

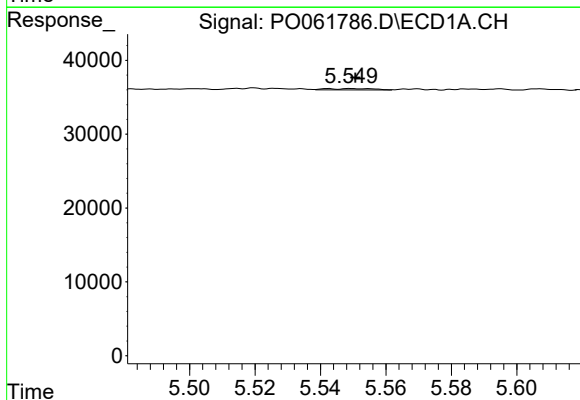
R.T.: 5.520 min
Delta R.T.: -0.009 min
Response: 2308
Conc: 1.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



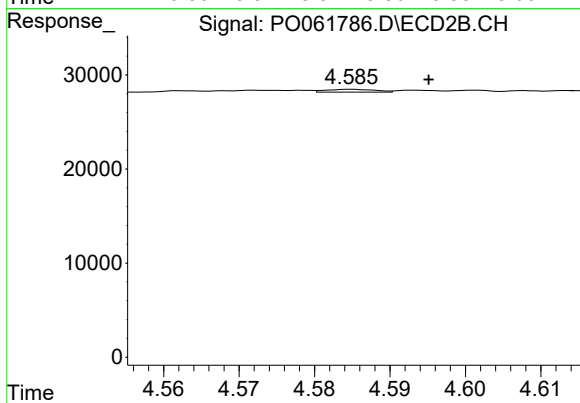
#3 AR-1016-1

R.T.: 4.578 min
Delta R.T.: 0.000 min
Response: 406
Conc: 0.30 ng/ml



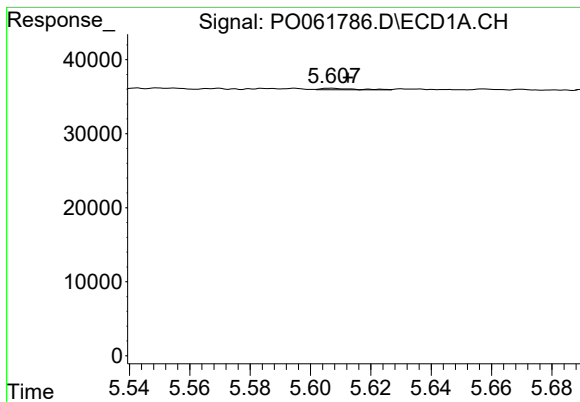
#4 AR-1016-2

R.T.: 5.542 min
Delta R.T.: -0.008 min
Response: 1750
Conc: 0.68 ng/ml



#4 AR-1016-2

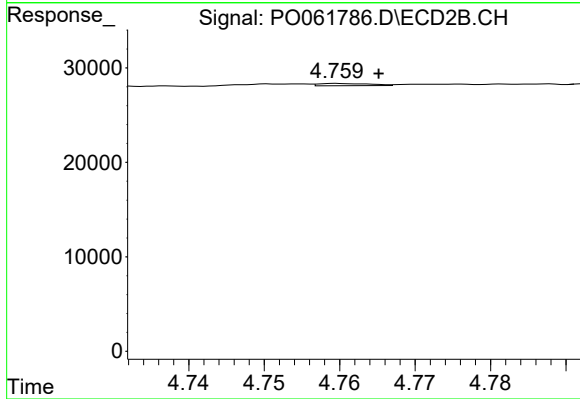
R.T.: 4.585 min
Delta R.T.: -0.010 min
Response: 1370
Conc: 0.74 ng/ml



#5 AR-1016-3

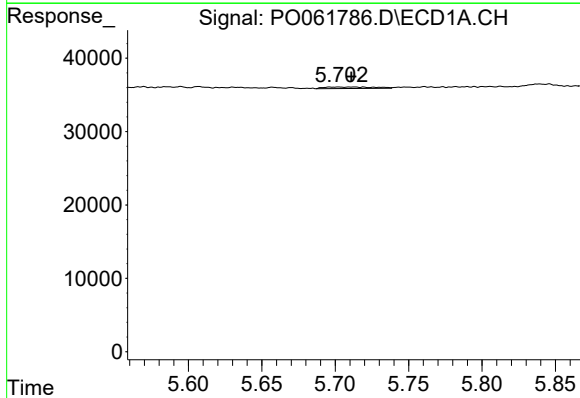
R.T.: 5.607 min
Delta R.T.: -0.006 min
Response: 1605
Conc: 1.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



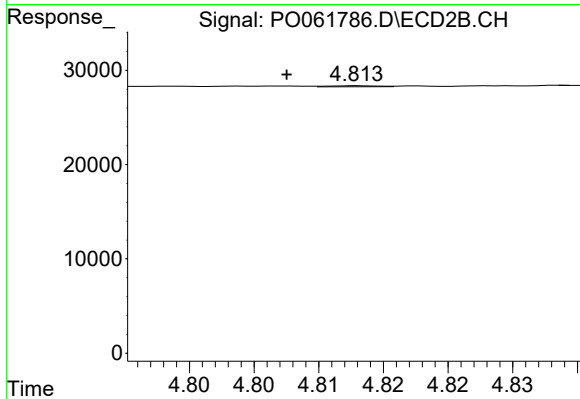
#5 AR-1016-3

R.T.: 4.760 min
Delta R.T.: -0.006 min
Response: 1155
Conc: 1.15 ng/ml



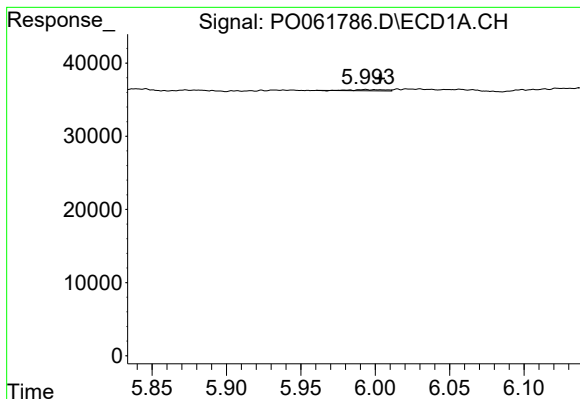
#6 AR-1016-4

R.T.: 5.702 min
Delta R.T.: -0.009 min
Response: 4925
Conc: 3.68 ng/ml



#6 AR-1016-4

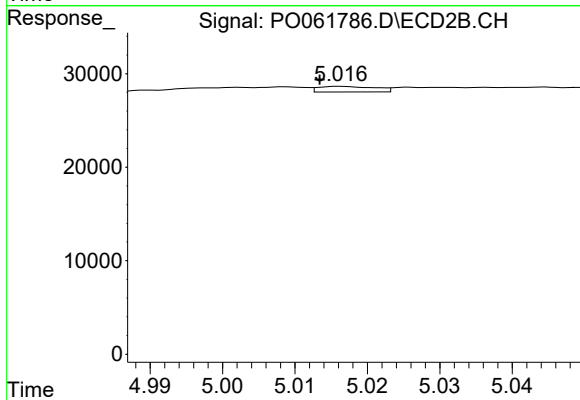
R.T.: 4.813 min
Delta R.T.: 0.006 min
Response: 295
Conc: 0.34 ng/ml



#7 AR-1016-5

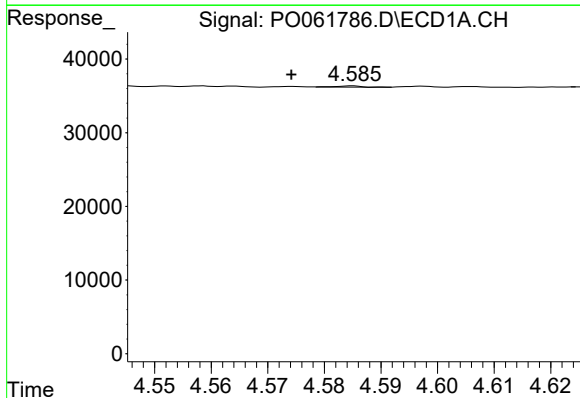
R.T.: 5.993 min
Delta R.T.: -0.010 min
Response: 2567
Conc: 1.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



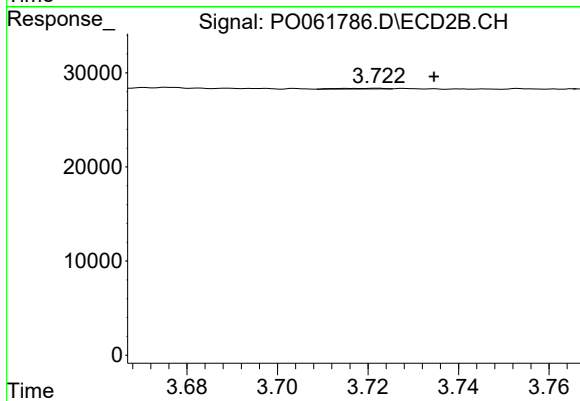
#7 AR-1016-5

R.T.: 5.016 min
Delta R.T.: 0.003 min
Response: 3252
Conc: 2.85 ng/ml



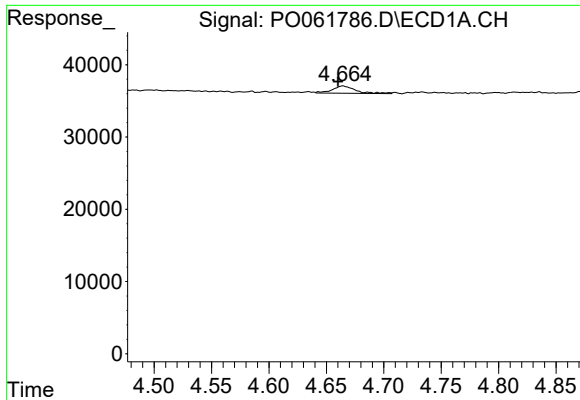
#8 AR-1221-1

R.T.: 4.585 min
Delta R.T.: 0.011 min
Response: 443
Conc: 0.96 ng/ml



#8 AR-1221-1

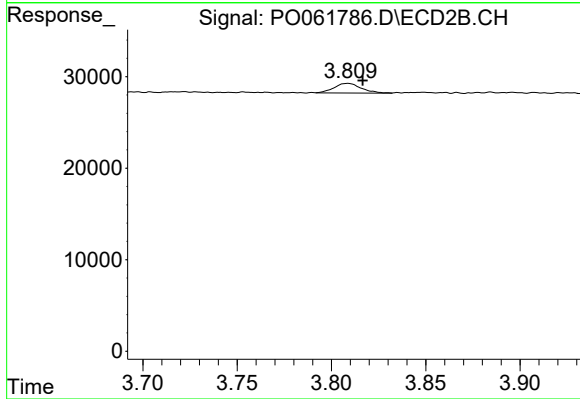
R.T.: 3.722 min
Delta R.T.: -0.012 min
Response: 534
Conc: 1.35 ng/ml



#9 AR-1221-2

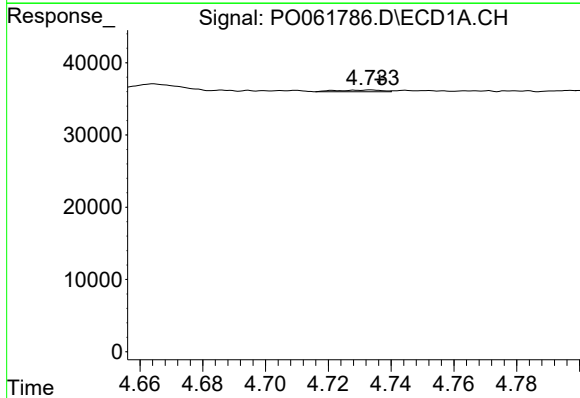
R.T.: 4.664 min
Delta R.T.: 0.004 min
Response: 14213
Conc: 39.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



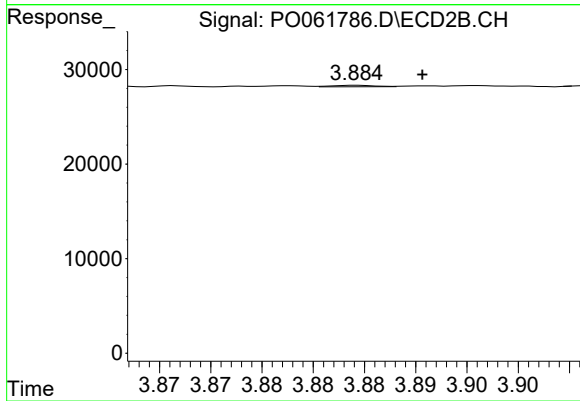
#9 AR-1221-2

R.T.: 3.809 min
Delta R.T.: -0.008 min
Response: 10444
Conc: 33.87 ng/ml



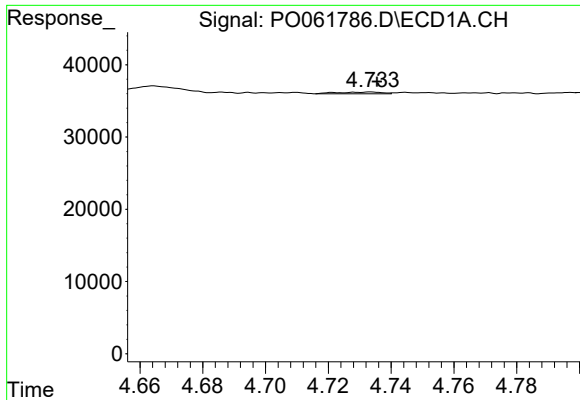
#10 AR-1221-3

R.T.: 4.734 min
Delta R.T.: -0.003 min
Response: 2501
Conc: 2.20 ng/ml



#10 AR-1221-3

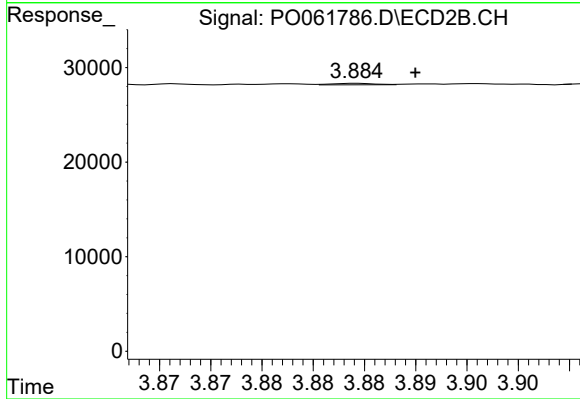
R.T.: 3.884 min
Delta R.T.: -0.006 min
Response: 455
Conc: 0.50 ng/ml



#11 AR-1232-1

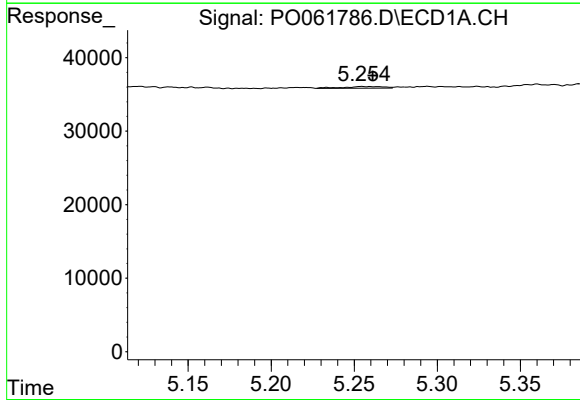
R.T.: 4.734 min
Delta R.T.: -0.002 min
Response: 2501
Conc: 1.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



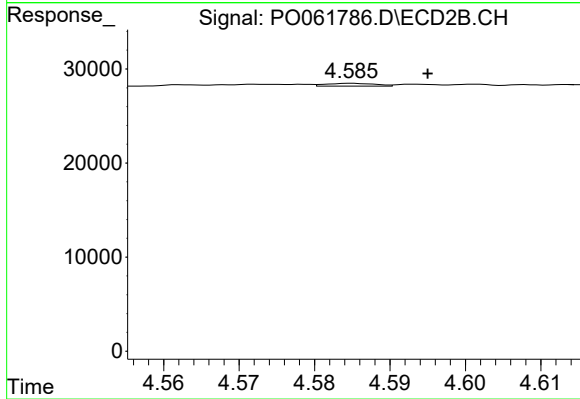
#11 AR-1232-1

R.T.: 3.884 min
Delta R.T.: -0.006 min
Response: 455
Conc: 0.41 ng/ml



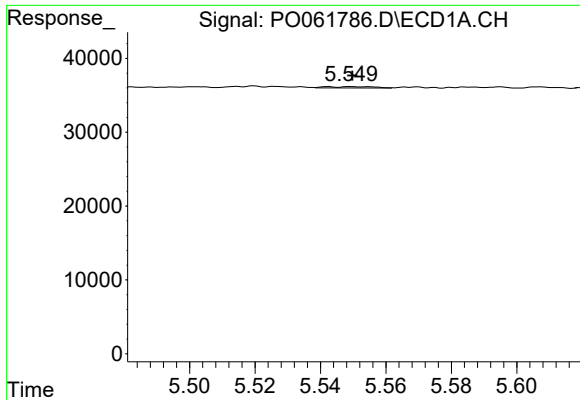
#12 AR-1232-2

R.T.: 5.254 min
Delta R.T.: -0.007 min
Response: 3867
Conc: 4.93 ng/ml



#12 AR-1232-2

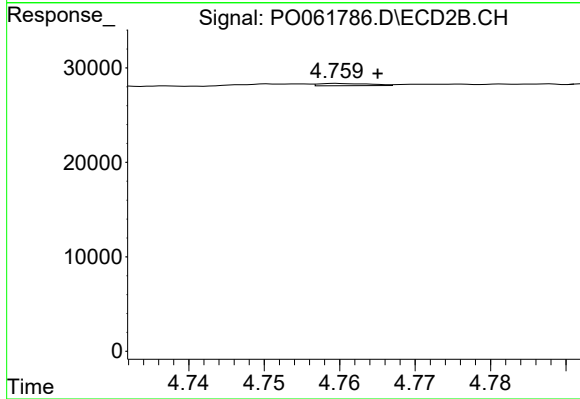
R.T.: 4.585 min
Delta R.T.: -0.010 min
Response: 1370
Conc: 1.12 ng/ml



#13 AR-1232-3

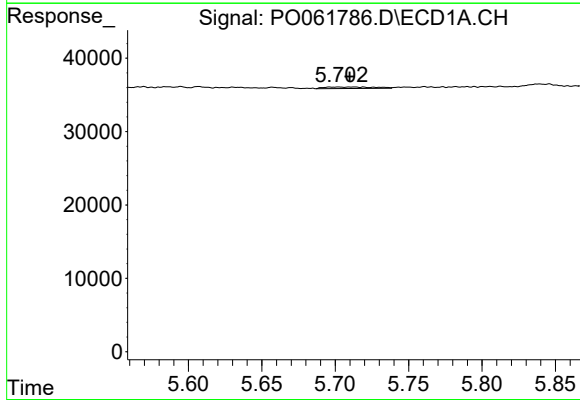
R.T.: 5.542 min
Delta R.T.: -0.007 min
Response: 1750
Conc: 1.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



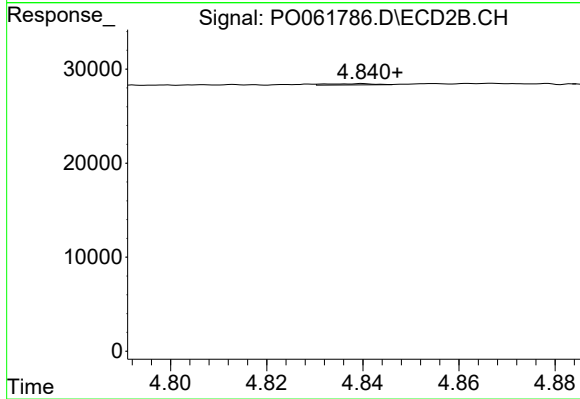
#13 AR-1232-3

R.T.: 4.760 min
Delta R.T.: -0.005 min
Response: 1155
Conc: 1.75 ng/ml



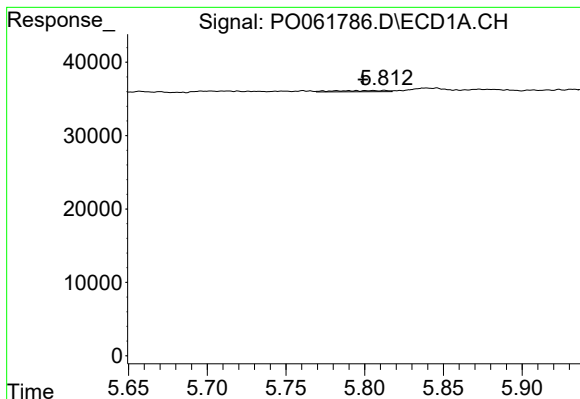
#14 AR-1232-4

R.T.: 5.702 min
Delta R.T.: -0.008 min
Response: 4925
Conc: 5.57 ng/ml



#14 AR-1232-4

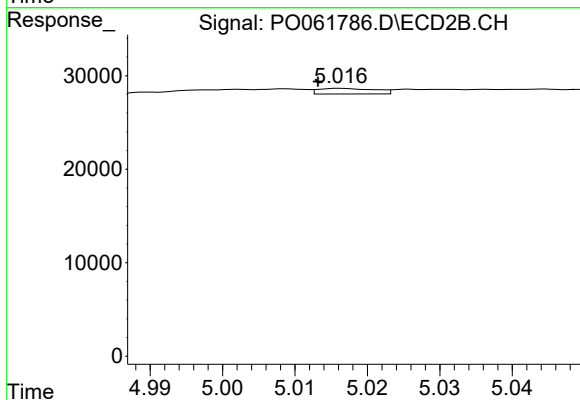
R.T.: 4.840 min
Delta R.T.: -0.007 min
Response: 884
Conc: 1.40 ng/ml



#15 AR-1232-5

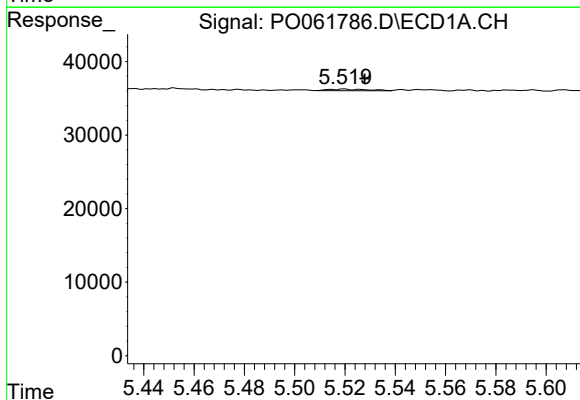
R.T.: 5.813 min
Delta R.T.: 0.014 min
Response: 3851
Conc: 5.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



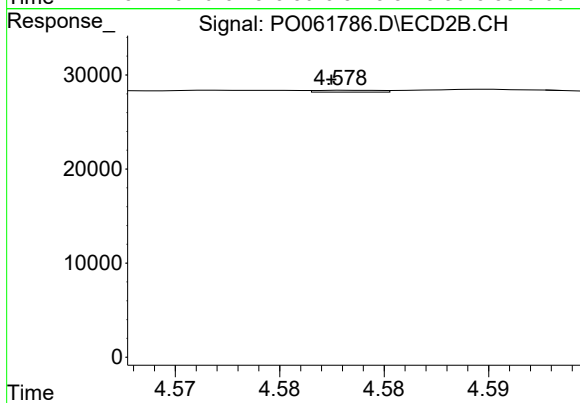
#15 AR-1232-5

R.T.: 5.016 min
Delta R.T.: 0.003 min
Response: 3252
Conc: 4.74 ng/ml



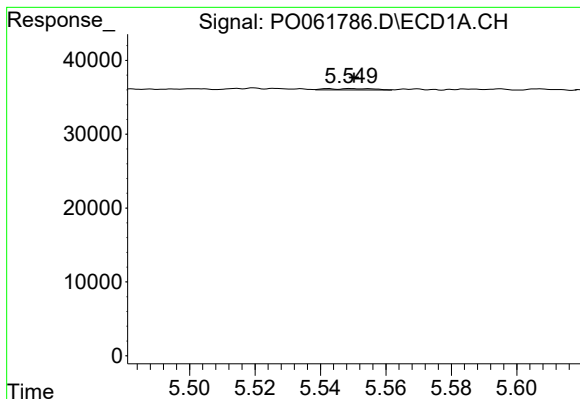
#16 AR-1242-1

R.T.: 5.520 min
Delta R.T.: -0.008 min
Response: 2308
Conc: 1.63 ng/ml



#16 AR-1242-1

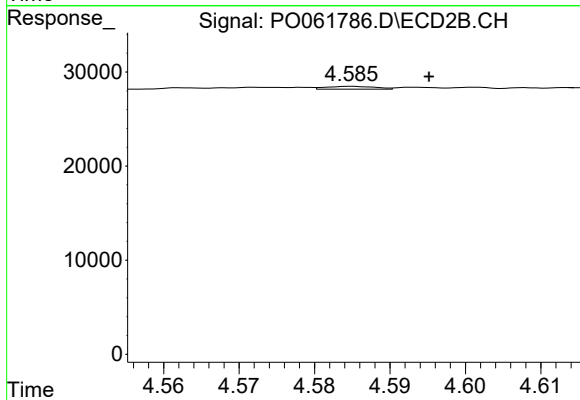
R.T.: 4.578 min
Delta R.T.: 0.000 min
Response: 406
Conc: 0.40 ng/ml



#17 AR-1242-2

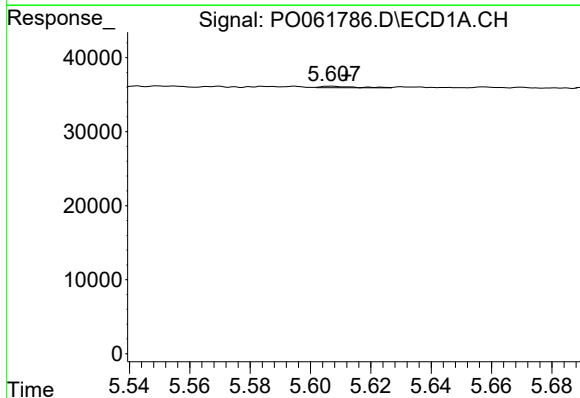
R.T.: 5.542 min
Delta R.T.: -0.008 min
Response: 1750
Conc: 0.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



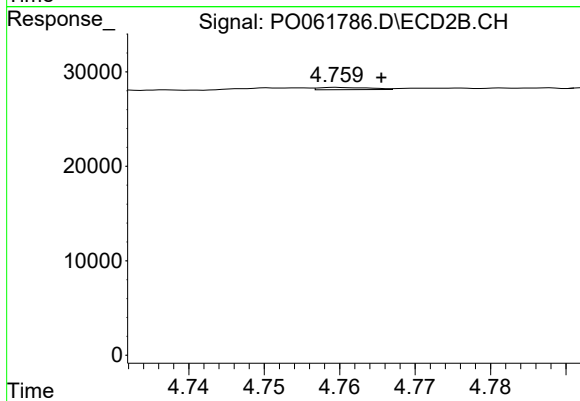
#17 AR-1242-2

R.T.: 4.585 min
Delta R.T.: -0.010 min
Response: 1370
Conc: 0.97 ng/ml



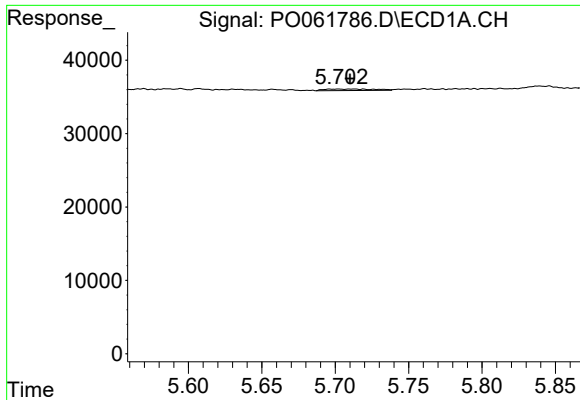
#18 AR-1242-3

R.T.: 5.607 min
Delta R.T.: -0.005 min
Response: 1605
Conc: 1.27 ng/ml



#18 AR-1242-3

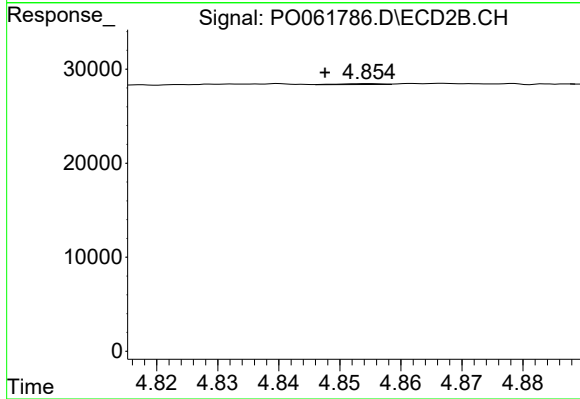
R.T.: 4.760 min
Delta R.T.: -0.006 min
Response: 1155
Conc: 1.48 ng/ml



#19 AR-1242-4

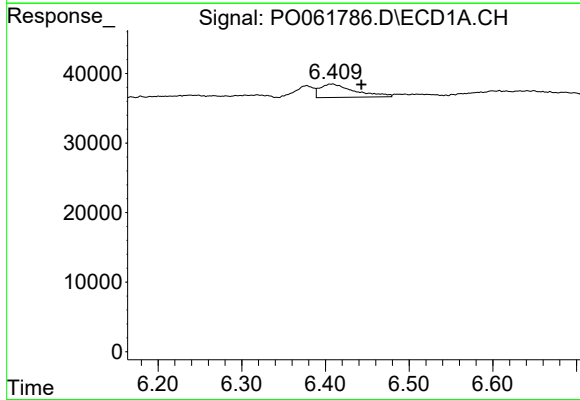
R.T.: 5.702 min
Delta R.T.: -0.008 min
Response: 4925
Conc: 4.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



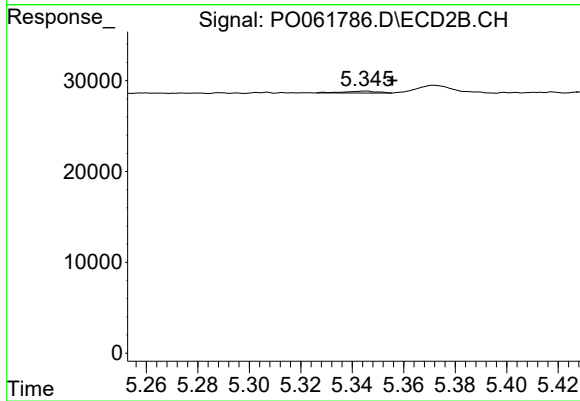
#19 AR-1242-4

R.T.: 4.855 min
Delta R.T.: 0.007 min
Response: 466
Conc: 0.57 ng/ml



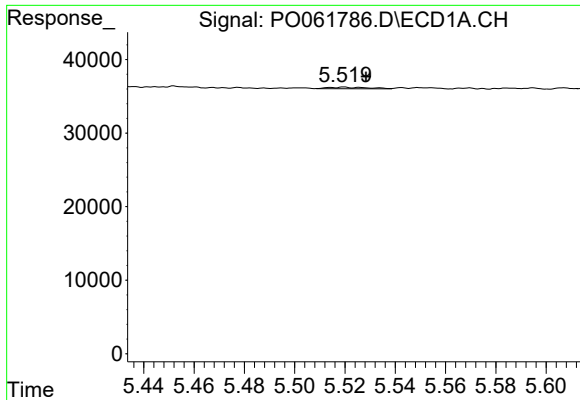
#20 AR-1242-5

R.T.: 6.408 min
Delta R.T.: -0.035 min
Response: 55159
Conc: 41.24 ng/ml



#20 AR-1242-5

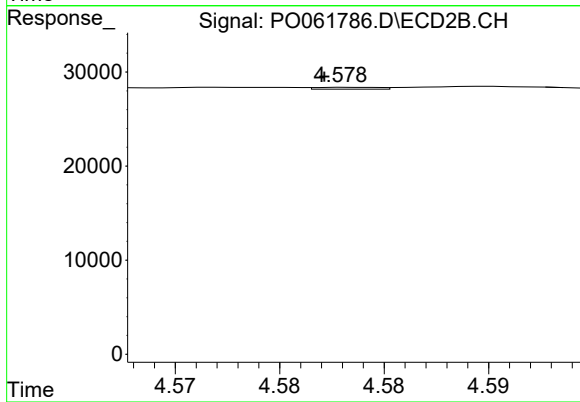
R.T.: 5.345 min
Delta R.T.: -0.010 min
Response: 1890
Conc: 1.76 ng/ml



#21 AR-1248-1

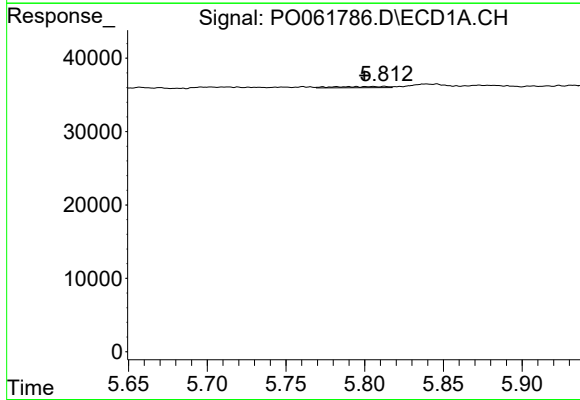
R.T.: 5.520 min
Delta R.T.: -0.009 min
Response: 2308
Conc: 1.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



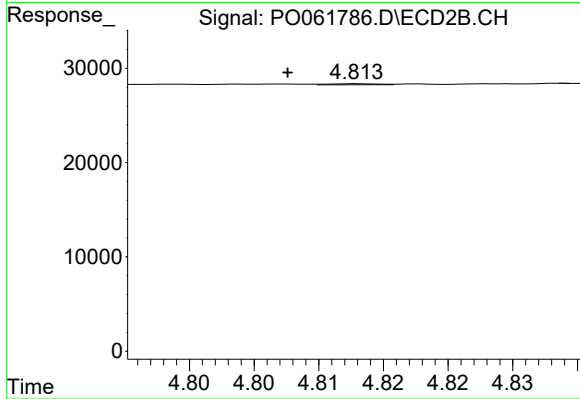
#21 AR-1248-1

R.T.: 4.578 min
Delta R.T.: 0.001 min
Response: 406
Conc: 0.45 ng/ml



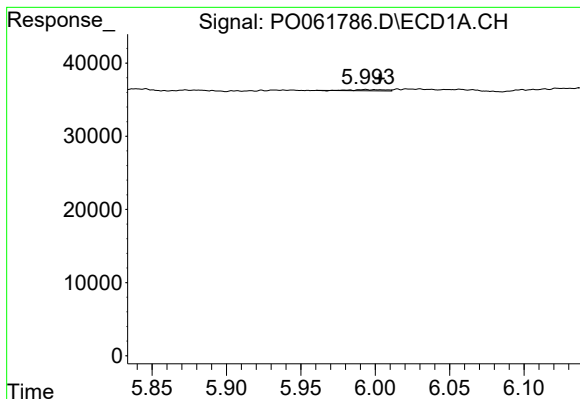
#22 AR-1248-2

R.T.: 5.813 min
Delta R.T.: 0.013 min
Response: 3851
Conc: 2.28 ng/ml



#22 AR-1248-2

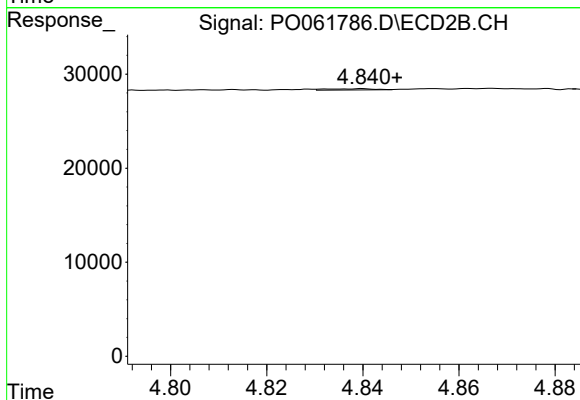
R.T.: 4.813 min
Delta R.T.: 0.006 min
Response: 295
Conc: 0.25 ng/ml



#23 AR-1248-3

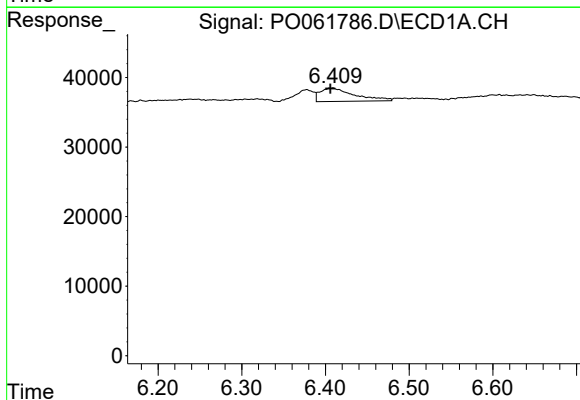
R.T.: 5.993 min
Delta R.T.: -0.010 min
Response: 2567
Conc: 1.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



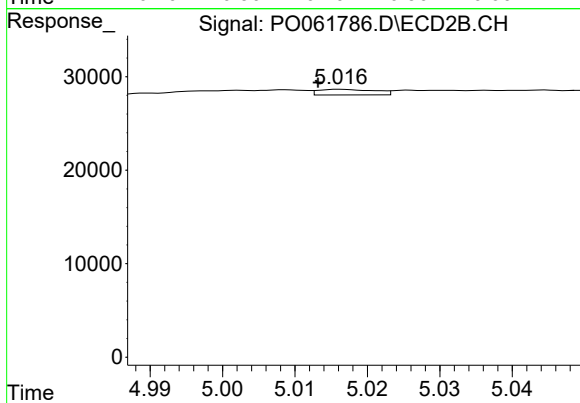
#23 AR-1248-3

R.T.: 4.840 min
Delta R.T.: -0.007 min
Response: 884
Conc: 0.71 ng/ml



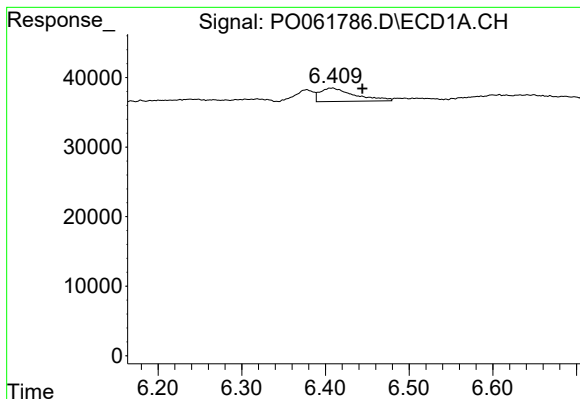
#24 AR-1248-4

R.T.: 6.408 min
Delta R.T.: 0.002 min
Response: 55159
Conc: 23.34 ng/ml



#24 AR-1248-4

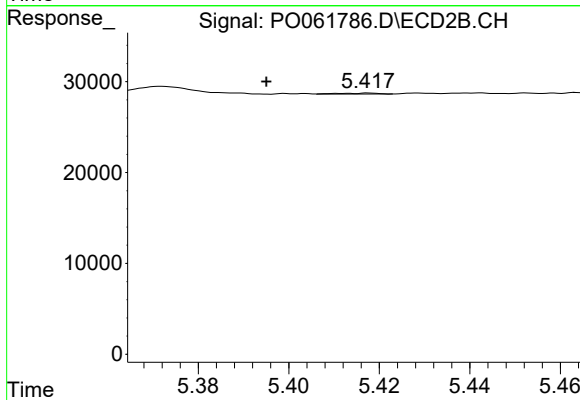
R.T.: 5.016 min
Delta R.T.: 0.003 min
Response: 3252
Conc: 2.16 ng/ml



#25 AR-1248-5

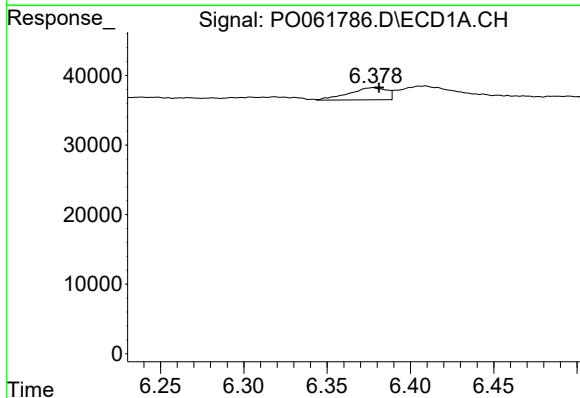
R.T.: 6.408 min
Delta R.T.: -0.036 min
Response: 55159
Conc: 24.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



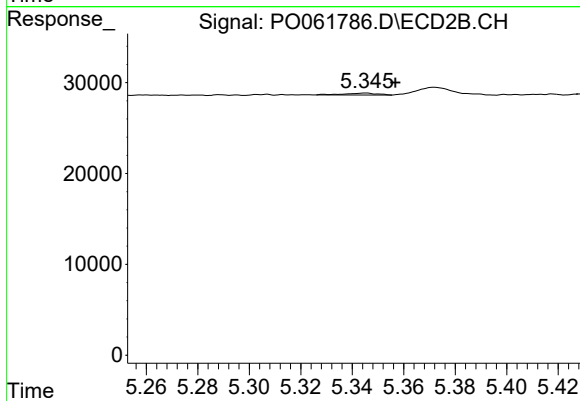
#25 AR-1248-5

R.T.: 5.418 min
Delta R.T.: 0.023 min
Response: 662
Conc: 0.43 ng/ml



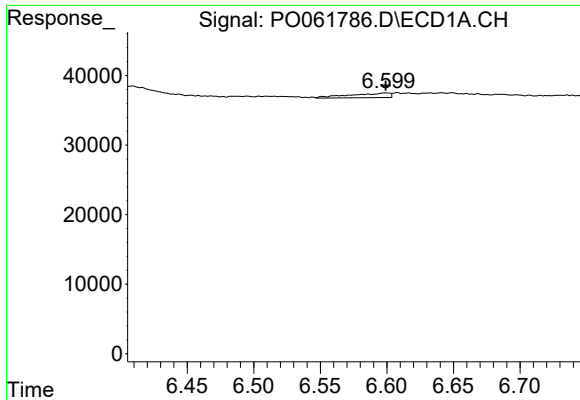
#26 AR-1254-1

R.T.: 6.377 min
Delta R.T.: -0.004 min
Response: 27762
Conc: 12.17 ng/ml



#26 AR-1254-1

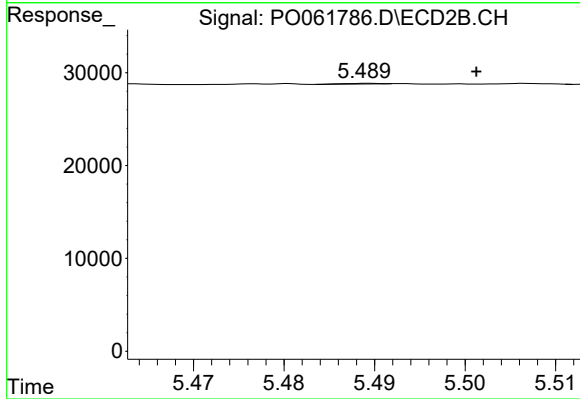
R.T.: 5.345 min
Delta R.T.: -0.011 min
Response: 1890
Conc: 0.86 ng/ml



#27 AR-1254-2

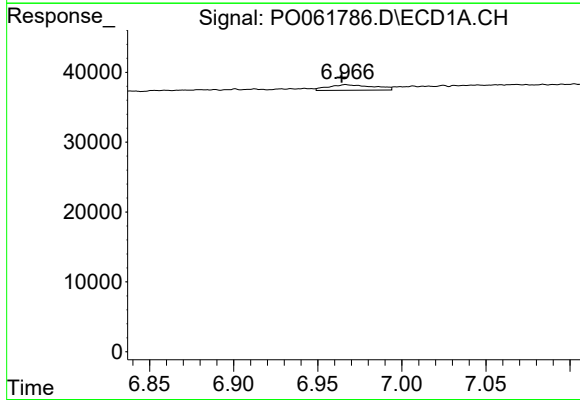
R.T.: 6.599 min
Delta R.T.: 0.000 min
Response: 13498
Conc: 3.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



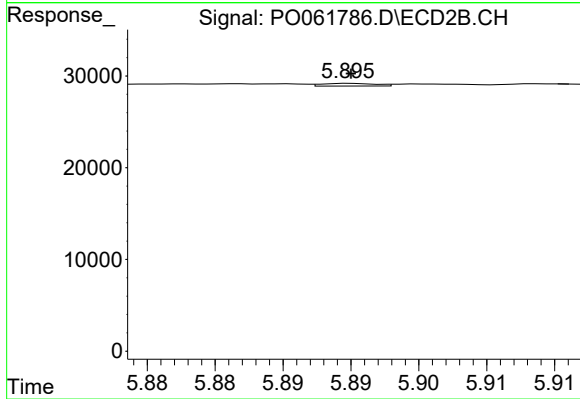
#27 AR-1254-2

R.T.: 5.489 min
Delta R.T.: -0.012 min
Response: 173
Conc: 0.09 ng/ml



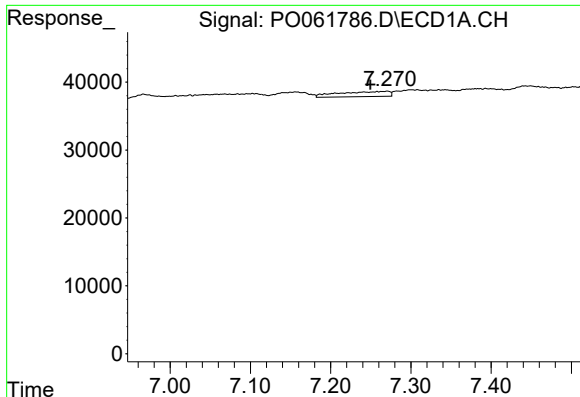
#28 AR-1254-3

R.T.: 6.967 min
Delta R.T.: 0.003 min
Response: 15007
Conc: 3.84 ng/ml



#28 AR-1254-3

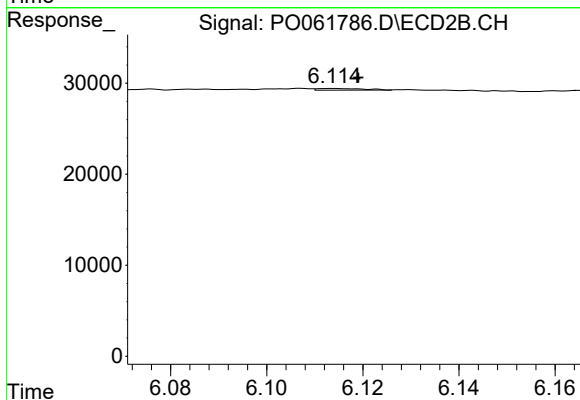
R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 798
Conc: 0.25 ng/ml



#29 AR-1254-4

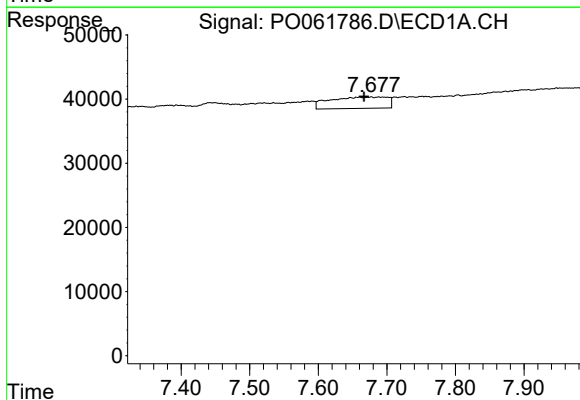
R.T.: 7.271 min
Delta R.T.: 0.021 min
Response: 32964
Conc: 10.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



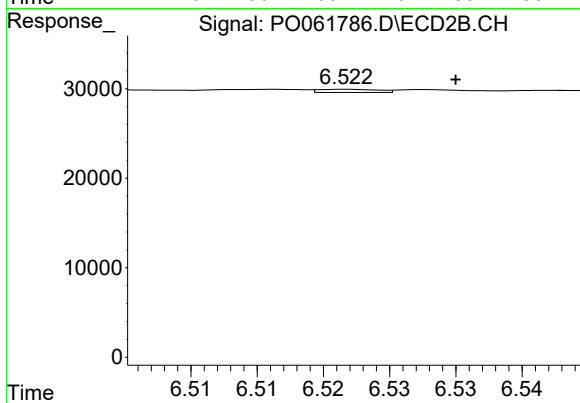
#29 AR-1254-4

R.T.: 6.114 min
Delta R.T.: -0.005 min
Response: 1275
Conc: 0.63 ng/ml



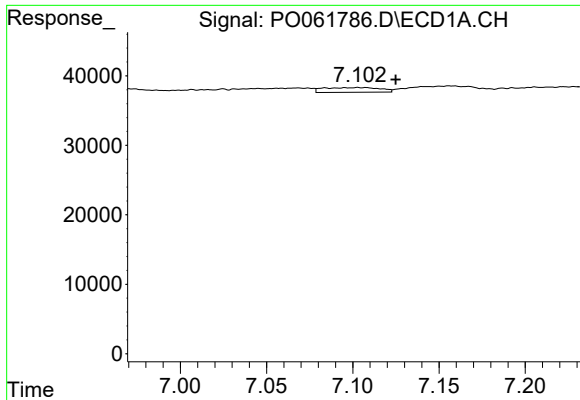
#30 AR-1254-5

R.T.: 7.677 min
Delta R.T.: 0.010 min
Response: 103147
Conc: 32.85 ng/ml



#30 AR-1254-5

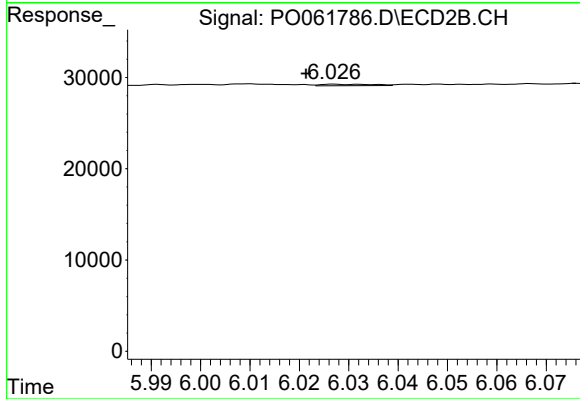
R.T.: 6.522 min
Delta R.T.: -0.008 min
Response: 1100
Conc: 0.39 ng/ml



#31 AR-1260-1

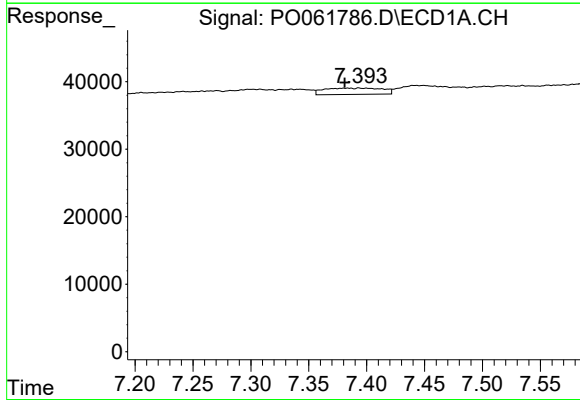
R.T.: 7.103 min
Delta R.T.: -0.022 min
Response: 15437
Conc: 5.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



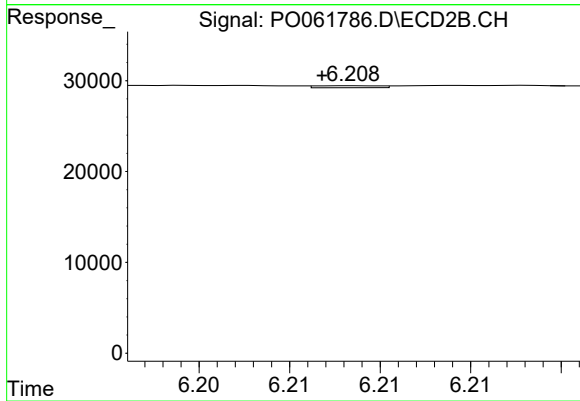
#31 AR-1260-1

R.T.: 6.027 min
Delta R.T.: 0.006 min
Response: 1176
Conc: 0.58 ng/ml



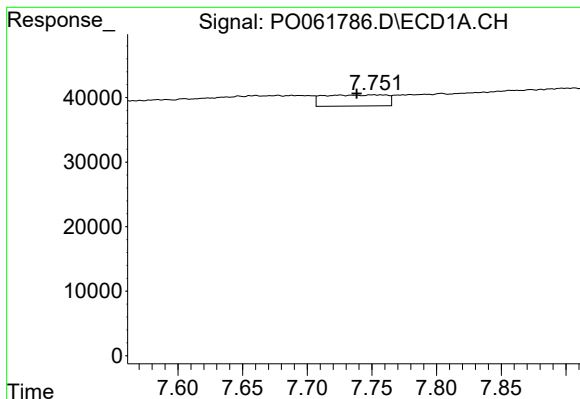
#32 AR-1260-2

R.T.: 7.393 min
Delta R.T.: 0.012 min
Response: 32947
Conc: 10.33 ng/ml



#32 AR-1260-2

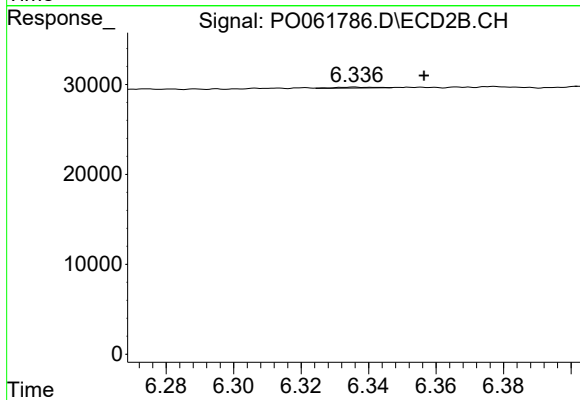
R.T.: 6.209 min
Delta R.T.: 0.002 min
Response: 539
Conc: 0.22 ng/ml



#33 AR-1260-3

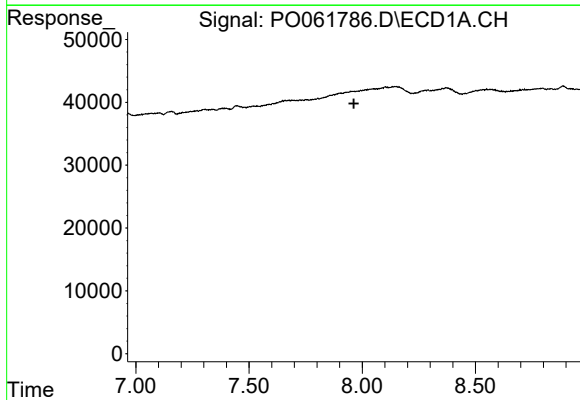
R.T.: 7.752 min
Delta R.T.: 0.014 min
Response: 58065
Conc: 24.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



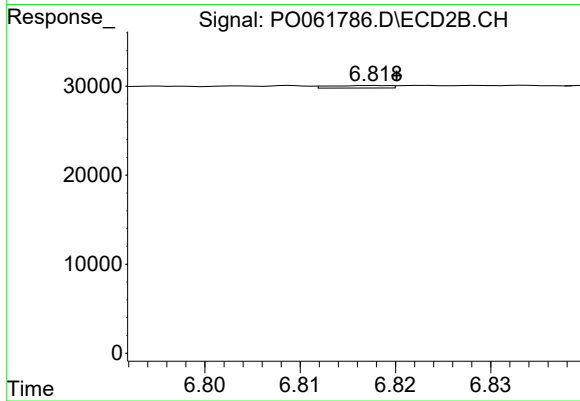
#33 AR-1260-3

R.T.: 6.336 min
Delta R.T.: -0.021 min
Response: 800
Conc: 0.35 ng/ml



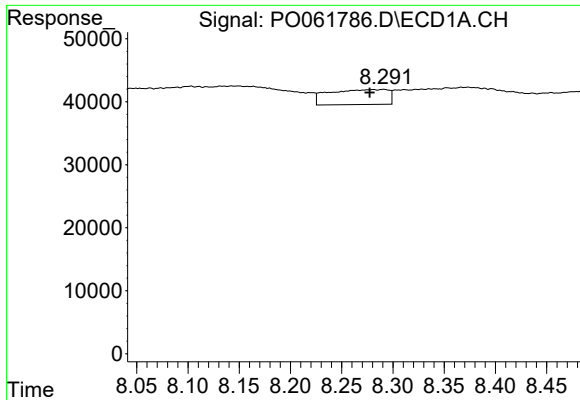
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 7.963 min
Response: 0
Conc: N.D.



#34 AR-1260-4

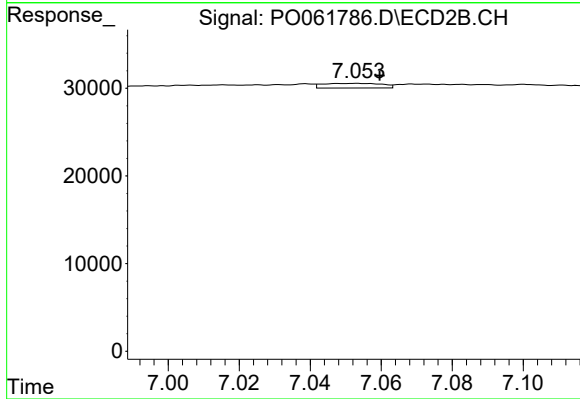
R.T.: 6.818 min
Delta R.T.: -0.002 min
Response: 1234
Conc: 0.67 ng/ml



#35 AR-1260-5

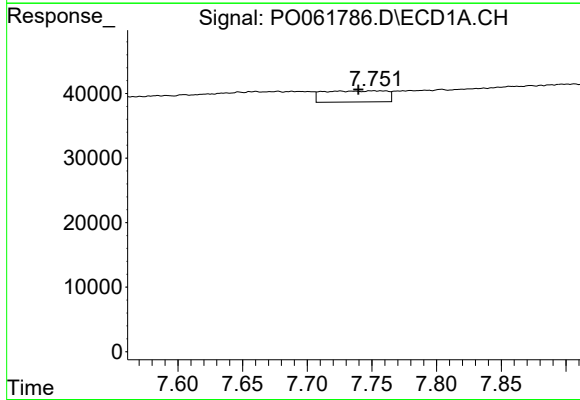
R.T.: 8.291 min
Delta R.T.: 0.013 min
Response: 95915
Conc: 19.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



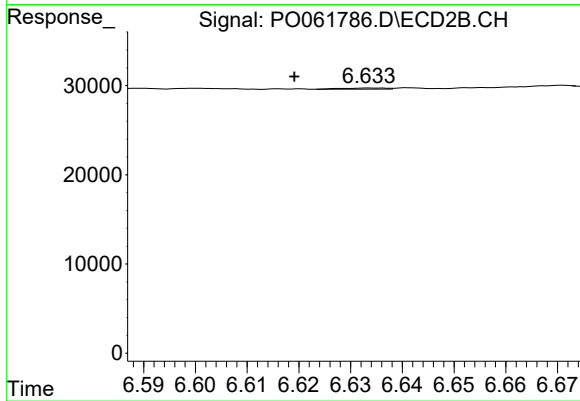
#35 AR-1260-5

R.T.: 7.053 min
Delta R.T.: -0.006 min
Response: 6071
Conc: 1.56 ng/ml



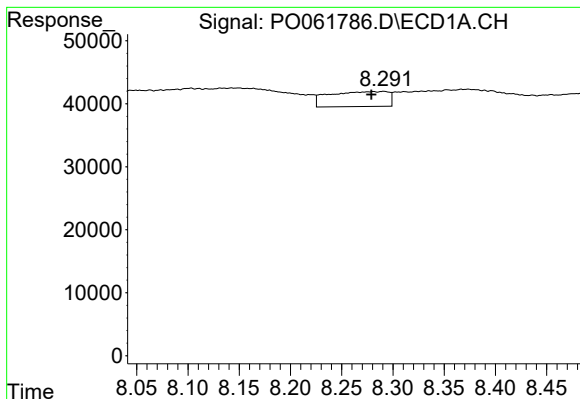
#36 AR-1262-1

R.T.: 7.752 min
Delta R.T.: 0.013 min
Response: 58065
Conc: 15.15 ng/ml



#36 AR-1262-1

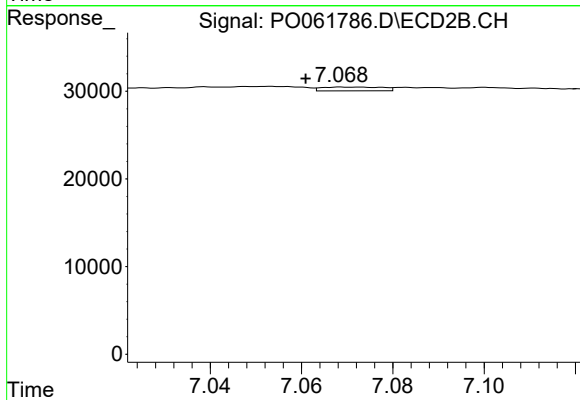
R.T.: 6.634 min
Delta R.T.: 0.014 min
Response: 782
Conc: 0.64 ng/ml



#37 AR-1262-2

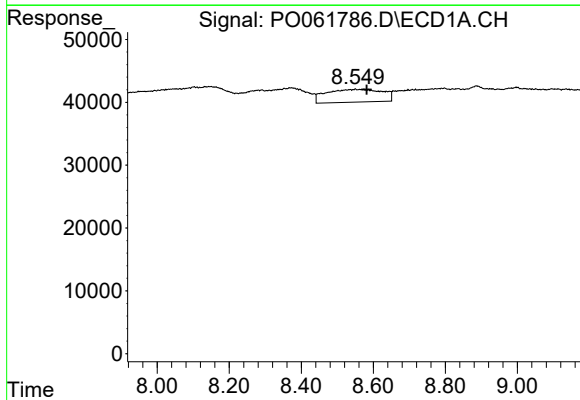
R.T.: 8.291 min
Delta R.T.: 0.012 min
Response: 95915
Conc: 15.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



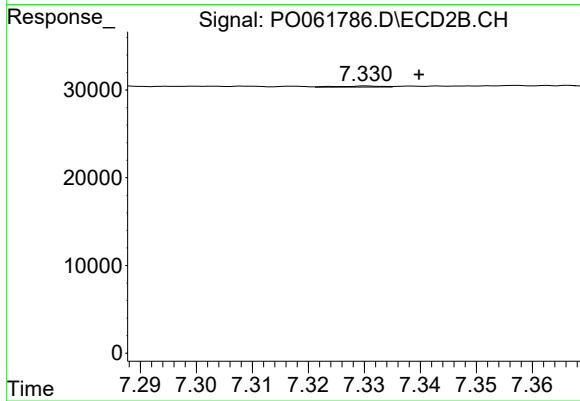
#37 AR-1262-2

R.T.: 7.069 min
Delta R.T.: 0.008 min
Response: 3930
Conc: 0.85 ng/ml



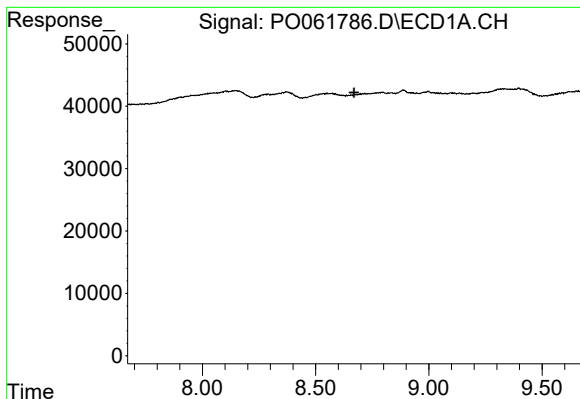
#38 AR-1262-3

R.T.: 8.550 min
Delta R.T.: -0.032 min
Response: 222931
Conc: 53.64 ng/ml



#38 AR-1262-3

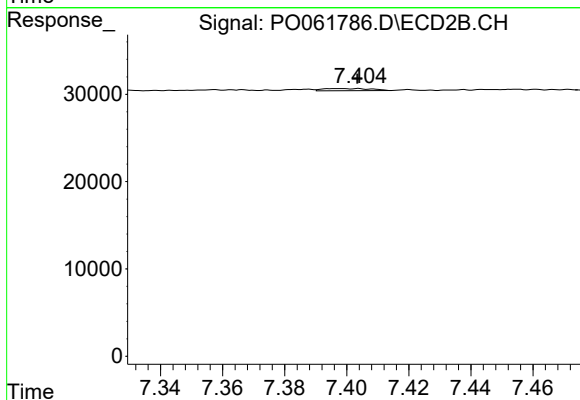
R.T.: 7.330 min
Delta R.T.: -0.009 min
Response: 697
Conc: 0.37 ng/ml



#39 AR-1262-4

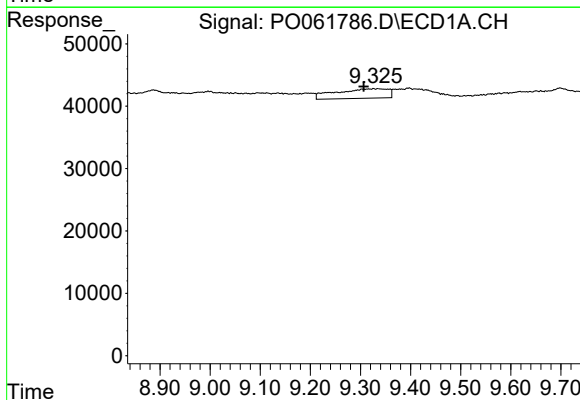
R.T.: 0.000 min
Exp R.T.: 8.669 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



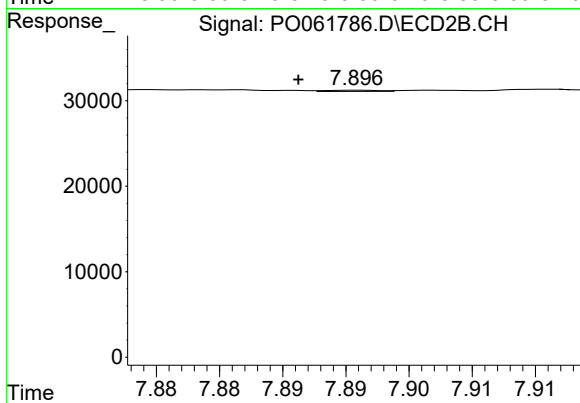
#39 AR-1262-4

R.T.: 7.397 min
Delta R.T.: -0.006 min
Response: 2772
Conc: 0.82 ng/ml



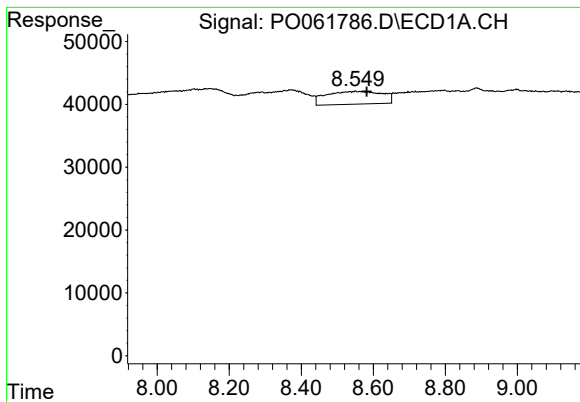
#40 AR-1262-5

R.T.: 9.326 min
Delta R.T.: 0.019 min
Response: 111696
Conc: 54.92 ng/ml



#40 AR-1262-5

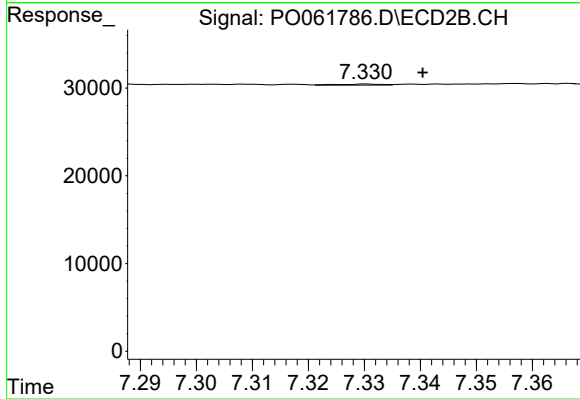
R.T.: 7.896 min
Delta R.T.: 0.005 min
Response: 399
Conc: 0.26 ng/ml



#41 AR-1268-1

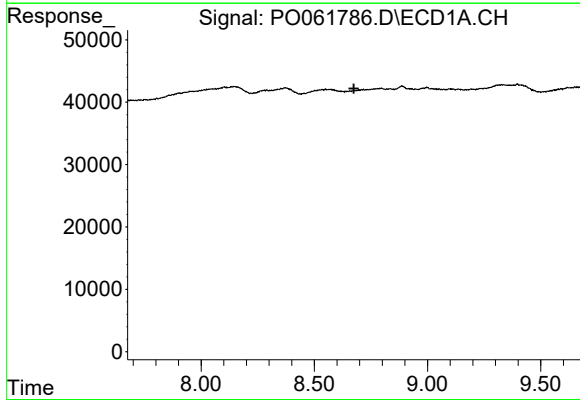
R.T.: 8.550 min
Delta R.T.: -0.032 min
Response: 222931
Conc: 33.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



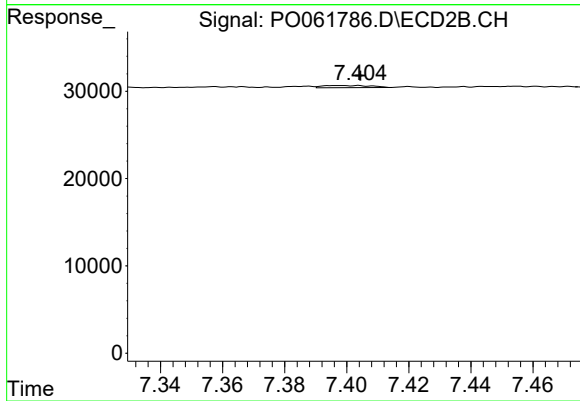
#41 AR-1268-1

R.T.: 7.330 min
Delta R.T.: -0.010 min
Response: 697
Conc: 0.14 ng/ml



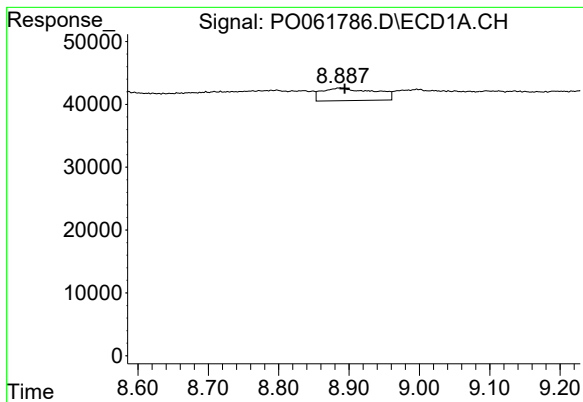
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.674 min
Response: 0
Conc: N.D.



#42 AR-1268-2

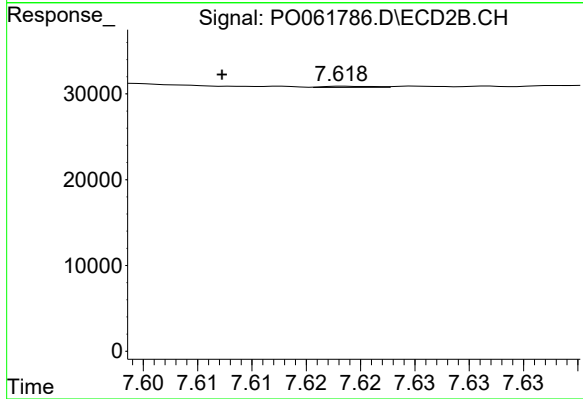
R.T.: 7.397 min
Delta R.T.: -0.007 min
Response: 2772
Conc: 0.64 ng/ml



#43 AR-1268-3

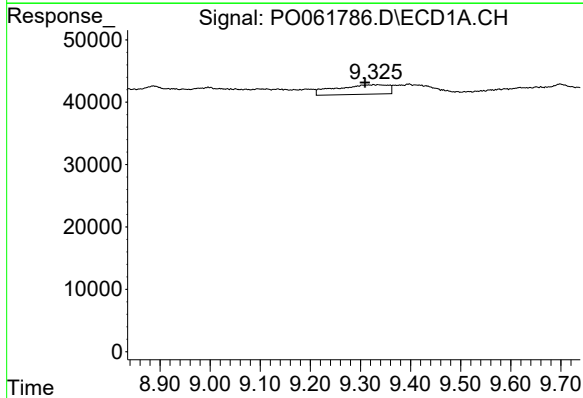
R.T.: 8.887 min
Delta R.T.: -0.007 min
Response: 103872
Conc: 20.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



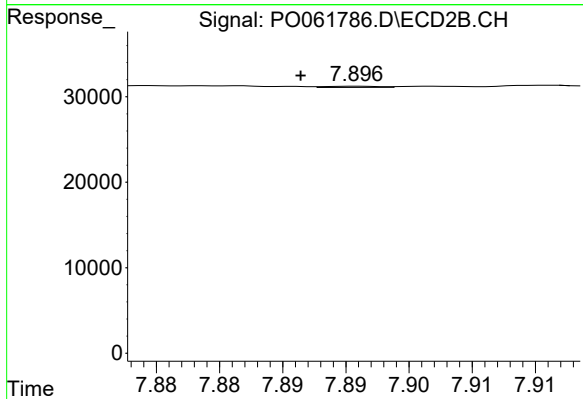
#43 AR-1268-3

R.T.: 7.619 min
Delta R.T.: 0.011 min
Response: 386
Conc: 0.11 ng/ml



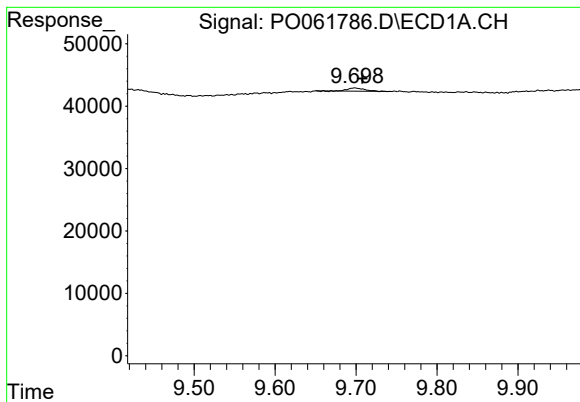
#44 AR-1268-4

R.T.: 9.326 min
Delta R.T.: 0.017 min
Response: 111696
Conc: 51.08 ng/ml



#44 AR-1268-4

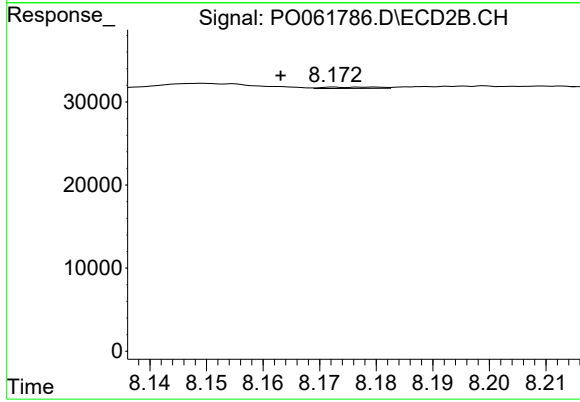
R.T.: 7.896 min
Delta R.T.: 0.005 min
Response: 399
Conc: 0.25 ng/ml



#45 AR-1268-5

R.T.: 9.698 min
Delta R.T.: -0.010 min
Response: 7694
Conc: 0.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.173 min
Delta R.T.: 0.010 min
Response: 1044
Conc: 0.10 ng/ml