

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100819\
 Data File : PO061796.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 08 Oct 2019 19:04
 Operator : HP/AJ
 Sample : K5231-01RE
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 01:19:23 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...	4.361	3.521	913183	675768	22.265	20.896
2)	SA Decachlor...	10.021	8.382	597561	410812	12.831	12.689
Target Compounds							
3)	L1 AR-1016-1	5.544	4.585	7751	8500	4.227	6.322 #
4)	L1 AR-1016-2	5.587	4.615	1413	2768	0.547	1.493 #
5)	L1 AR-1016-3	5.606	4.783	4316	906	2.687	0.904 #
6)	L1 AR-1016-4	5.748	4.839	2814	13214	2.105	15.249 #
7)	L1 AR-1016-5	6.043	5.040	5184	6637	3.780	5.815 #
8)	L2 AR-1221-1	0.000	3.734	0	4186	N.D.	10.572 #
9)	L2 AR-1221-2	4.665	3.810	17915	15447	49.900	50.089
10)	L2 AR-1221-3	4.734	3.885	1723	2374	1.513	2.603 #
11)	L3 AR-1232-1	4.734	3.885	1723	2374	1.232	2.114 #
12)	L3 AR-1232-2	5.256	4.585	8201	8500	10.453	6.964 #
13)	L3 AR-1232-3	5.544	4.759	7751	8958	4.536	13.567 #
14)	L3 AR-1232-4	5.704	4.839	6392	13214	7.224	20.963 #
15)	L3 AR-1232-5	5.794	5.006	12286	17501	17.720	25.507 #
16)	L4 AR-1242-1	5.523	4.569	4233	5953	2.980	5.811 #
17)	L4 AR-1242-2	5.544	4.585	7751	8500	3.857	6.028 #
18)	L4 AR-1242-3	5.606	4.759	4316	8958	3.420	11.471 #
19)	L4 AR-1242-4	5.704	4.839	6392	13214	6.083	16.103 #
20)	L4 AR-1242-5	6.438	5.347	15772	16436	11.792	15.343 #
21)	L5 AR-1248-1	5.544	4.585	7751	8500	6.598	9.500 #
22)	L5 AR-1248-2	5.840	4.839	13220	13214	7.835	11.215 #
23)	L5 AR-1248-3	6.043	4.869	5184	5795	2.774	4.668 #
24)	L5 AR-1248-4	6.438	5.040	15772	6637	6.675	4.415 #
25)	L5 AR-1248-5	6.489	5.420	580	1338	0.256	0.872 #
26)	L6 AR-1254-1	6.375	5.347	22394	16436	9.816	7.494
27)	L6 AR-1254-2	6.593	5.493	27882	9561	7.717	4.877 #
28)	L6 AR-1254-3	6.960	5.888	23873	11176	6.110	3.510 #
29)	L6 AR-1254-4	7.242	6.107	27282	7340	9.008	3.618 #
30)	L6 AR-1254-5	7.659	6.518	49960	18708	15.909	6.614 #
31)	L7 AR-1260-1	7.170	6.062	13627	2671	5.220	1.310 #
32)	L7 AR-1260-2	7.389	6.233	13608	757	4.268	0.315 #
33)	L7 AR-1260-3	7.782	6.369	55686	1294	23.184	0.574 #
34)	L7 AR-1260-4	7.960	6.848	98233	4557	36.763	2.468 #
35)	L7 AR-1260-5	8.272	7.080	79738	583	16.115	0.150 #
36)	L8 AR-1262-1	7.734	6.612	39965	5761	10.431	4.720 #
37)	L8 AR-1262-2	8.272	7.049	79738	11925	12.844	2.593 #
38)	L8 AR-1262-3	8.584	7.330	69024	6796	16.607	3.608 #
39)	L8 AR-1262-4	8.658	7.391	63105	16160	19.990	4.808 #
40)	L8 AR-1262-5	9.306	7.898	47490	799	23.352	0.527 #
41)	L9 AR-1268-1	8.584	7.330	69024	6796	10.265	1.407 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100819\
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Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 08 Oct 2019 19:04
Operator : HP/AJ
Sample : K5231-01RE
Misc :
ALS Vial : 25 Sample Multiplier: 1

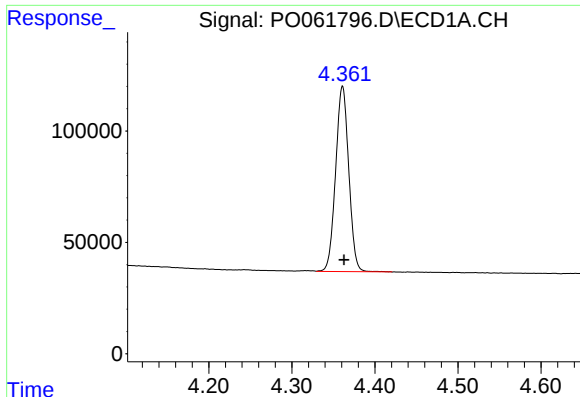
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 09 01:19:23 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
42) L9	AR-1268-2	8.685	7.391	8588	16160	1.387	3.750 #
43) L9	AR-1268-3	8.882	7.601	41313	977	8.081	0.273 #
44) L9	AR-1268-4	9.306	7.898	47490	799	21.719	0.496 #
45) L9	AR-1268-5	9.694	8.171	10356	491	0.689	0.049 #

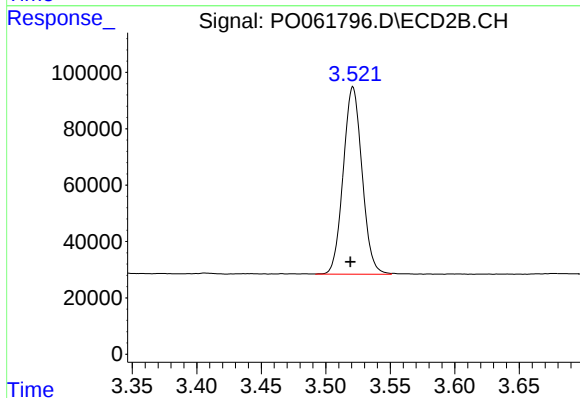
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

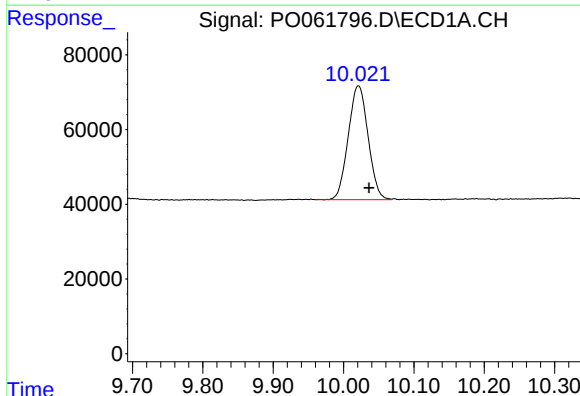
R.T.: 4.361 min
Delta R.T.: -0.002 min
Response: 913183
Conc: 22.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



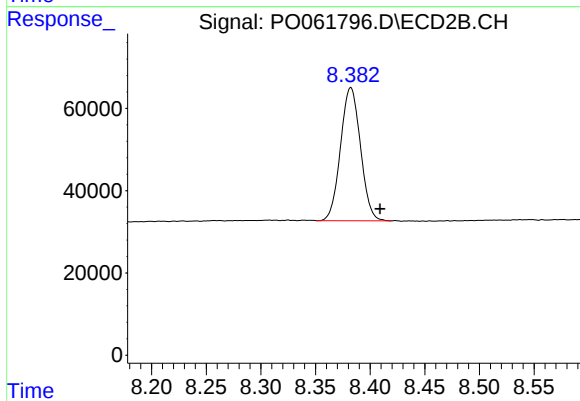
#1 Tetrachloro-m-xylene

R.T.: 3.521 min
Delta R.T.: 0.002 min
Response: 675768
Conc: 20.90 ng/ml



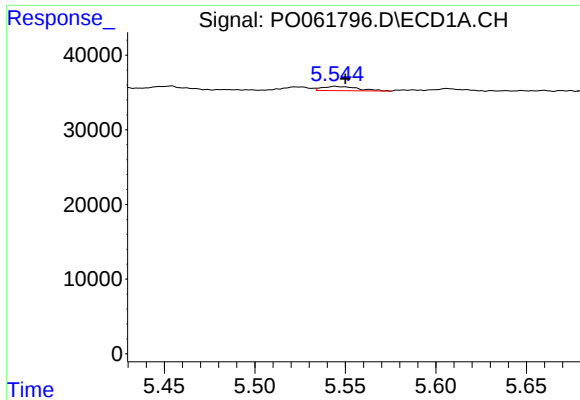
#2 Decachlorobiphenyl

R.T.: 10.021 min
Delta R.T.: -0.015 min
Response: 597561
Conc: 12.83 ng/ml



#2 Decachlorobiphenyl

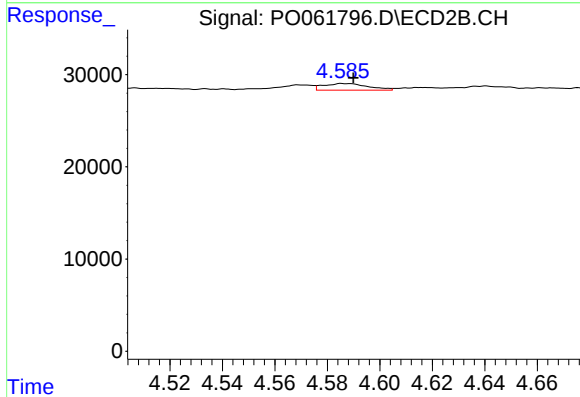
R.T.: 8.382 min
Delta R.T.: -0.027 min
Response: 410812
Conc: 12.69 ng/ml



#3 AR-1016-1

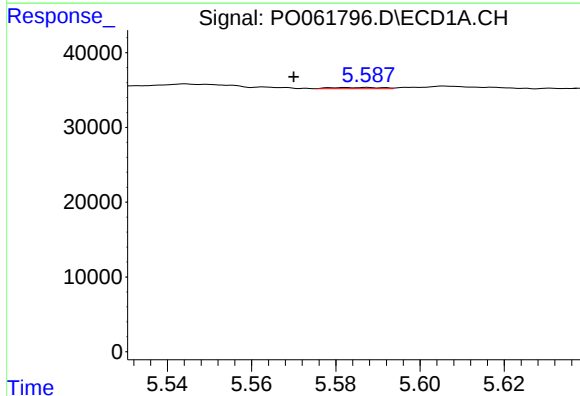
R.T.: 5.544 min
Delta R.T.: -0.006 min
Response: 7751
Conc: 4.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



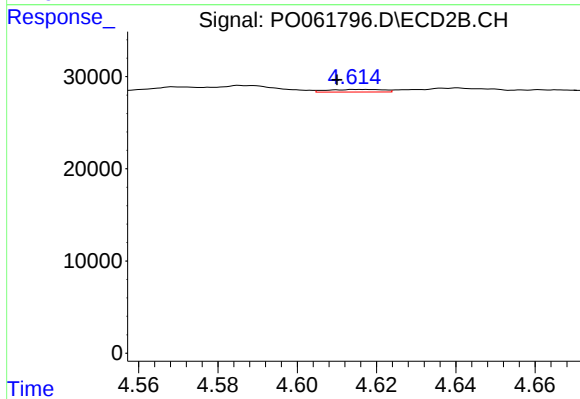
#3 AR-1016-1

R.T.: 4.585 min
Delta R.T.: -0.005 min
Response: 8500
Conc: 6.32 ng/ml



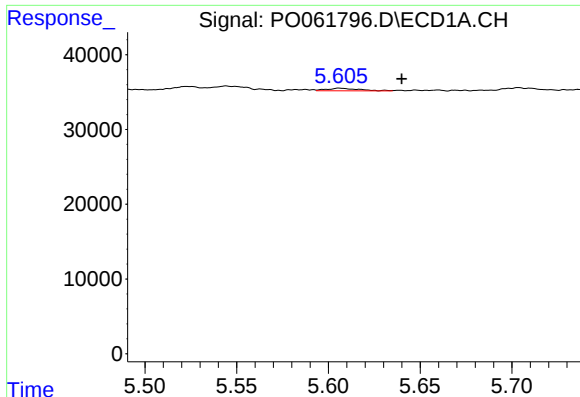
#4 AR-1016-2

R.T.: 5.587 min
Delta R.T.: 0.017 min
Response: 1413
Conc: 0.55 ng/ml



#4 AR-1016-2

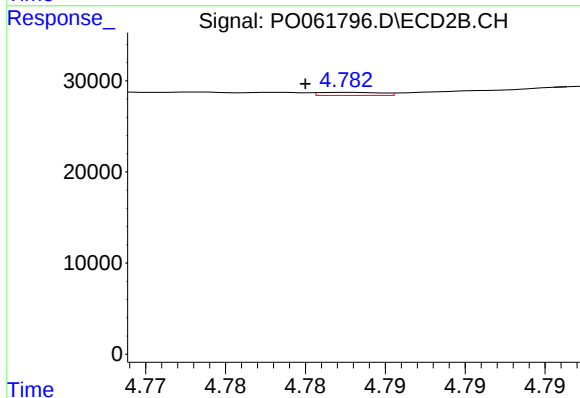
R.T.: 4.615 min
Delta R.T.: 0.005 min
Response: 2768
Conc: 1.49 ng/ml



#5 AR-1016-3

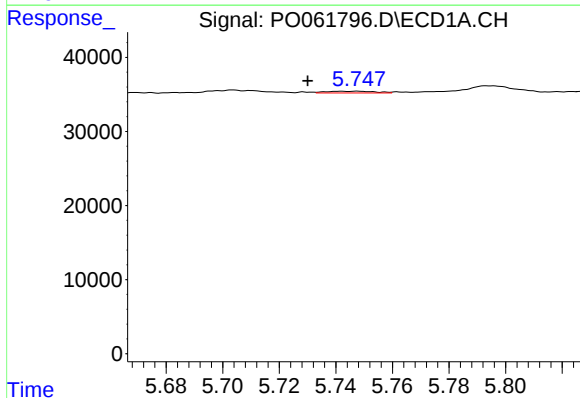
R.T.: 5.606 min
Delta R.T.: -0.034 min
Response: 4316
Conc: 2.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



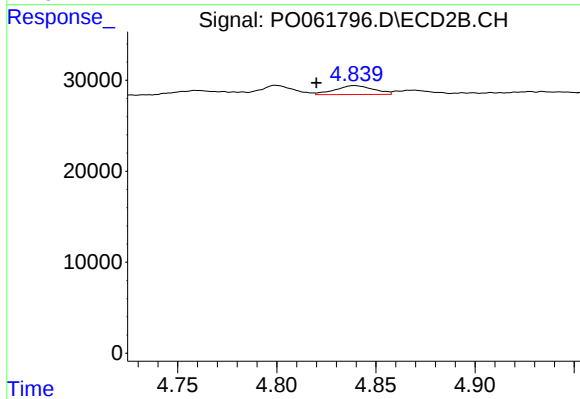
#5 AR-1016-3

R.T.: 4.783 min
Delta R.T.: 0.003 min
Response: 906
Conc: 0.90 ng/ml



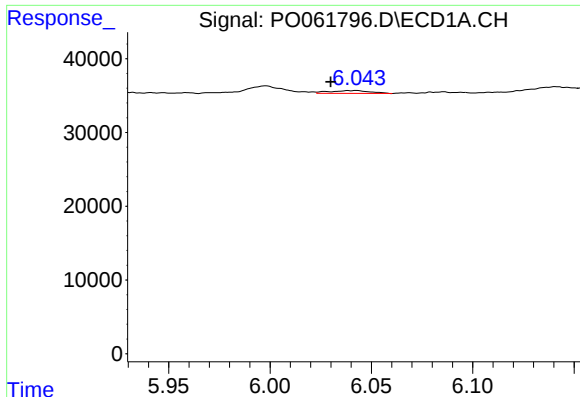
#6 AR-1016-4

R.T.: 5.748 min
Delta R.T.: 0.018 min
Response: 2814
Conc: 2.10 ng/ml



#6 AR-1016-4

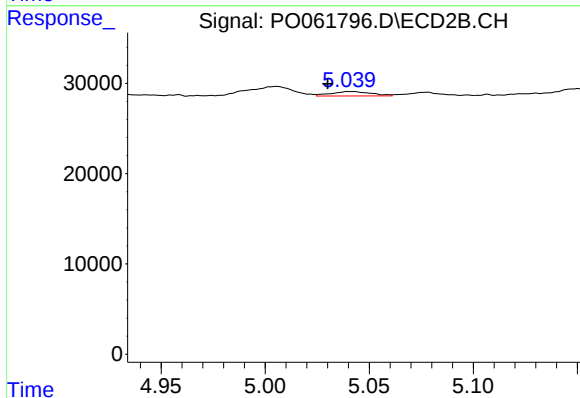
R.T.: 4.839 min
Delta R.T.: 0.019 min
Response: 13214
Conc: 15.25 ng/ml



#7 AR-1016-5

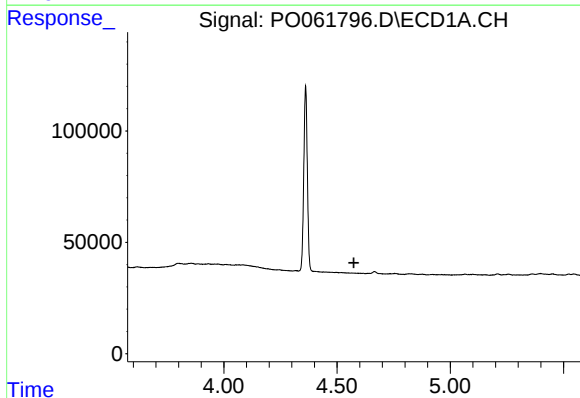
R.T.: 6.043 min
Delta R.T.: 0.013 min
Response: 5184
Conc: 3.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



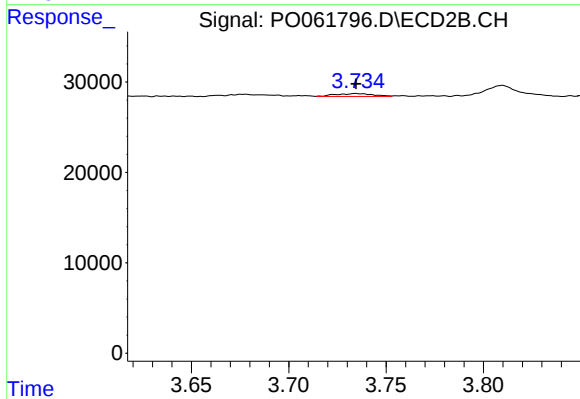
#7 AR-1016-5

R.T.: 5.040 min
Delta R.T.: 0.010 min
Response: 6637
Conc: 5.81 ng/ml



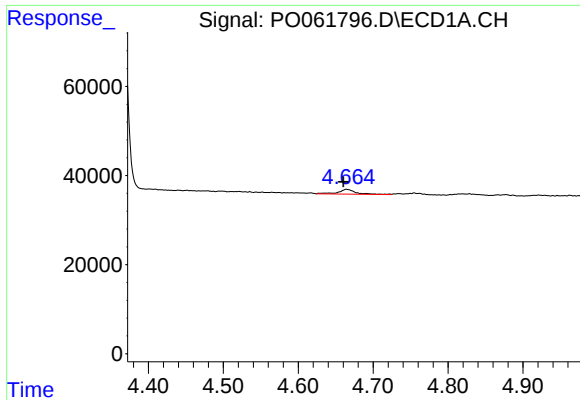
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.574 min
Response: 0
Conc: N.D.



#8 AR-1221-1

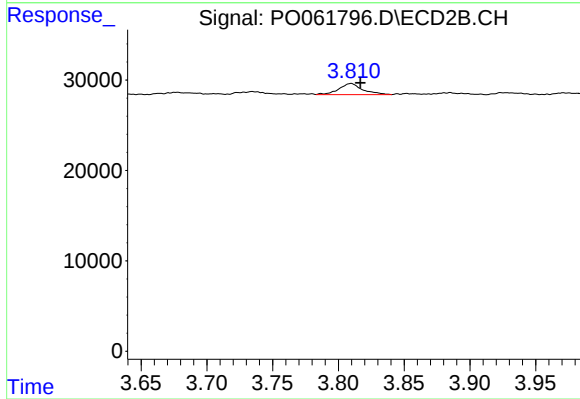
R.T.: 3.734 min
Delta R.T.: 0.000 min
Response: 4186
Conc: 10.57 ng/ml



#9 AR-1221-2

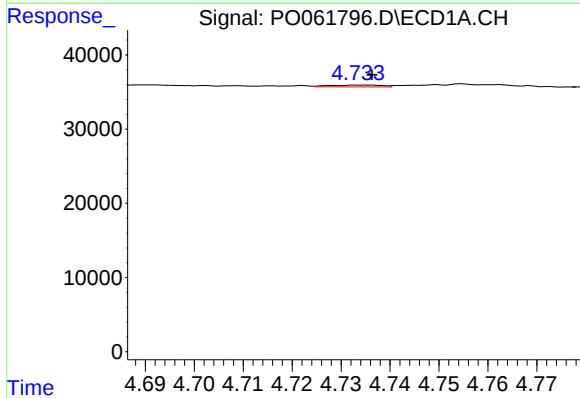
R.T.: 4.665 min
Delta R.T.: 0.004 min
Response: 17915
Conc: 49.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



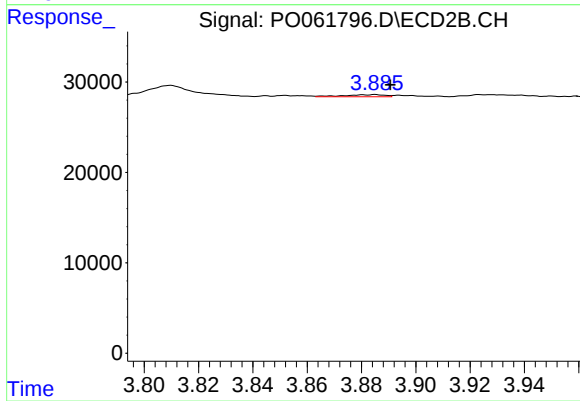
#9 AR-1221-2

R.T.: 3.810 min
Delta R.T.: -0.007 min
Response: 15447
Conc: 50.09 ng/ml



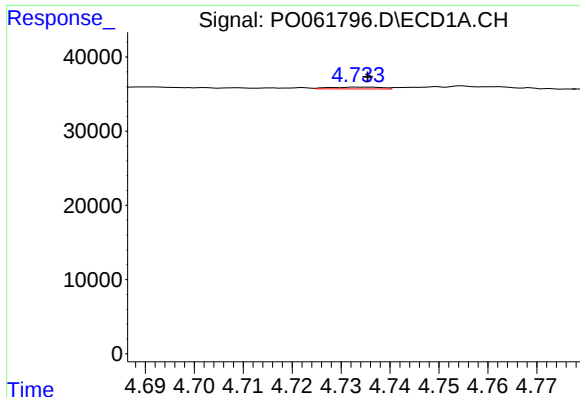
#10 AR-1221-3

R.T.: 4.734 min
Delta R.T.: -0.002 min
Response: 1723
Conc: 1.51 ng/ml



#10 AR-1221-3

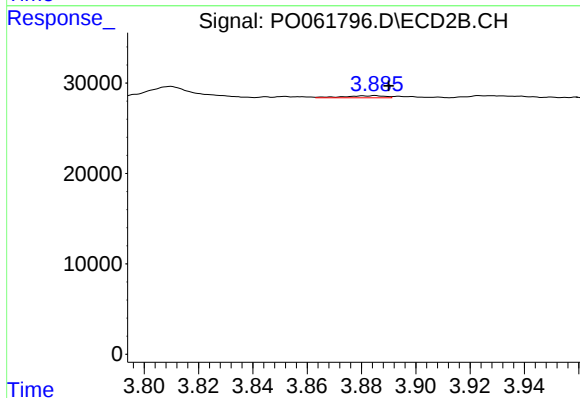
R.T.: 3.885 min
Delta R.T.: -0.006 min
Response: 2374
Conc: 2.60 ng/ml



#11 AR-1232-1

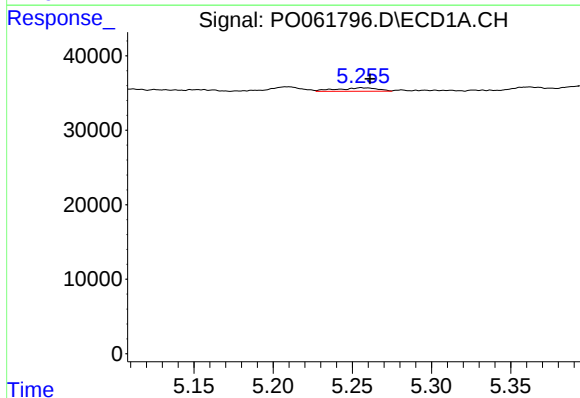
R.T.: 4.734 min
Delta R.T.: 0.000 min
Response: 1723
Conc: 1.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



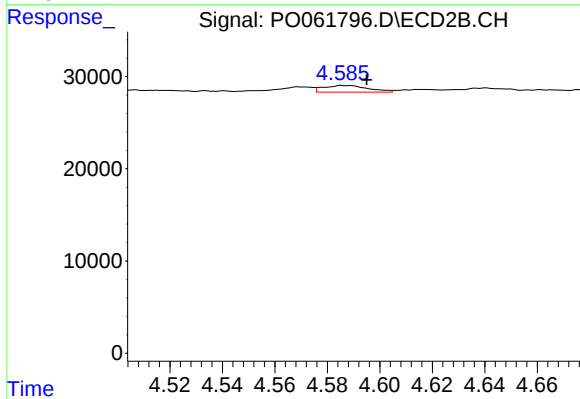
#11 AR-1232-1

R.T.: 3.885 min
Delta R.T.: -0.005 min
Response: 2374
Conc: 2.11 ng/ml



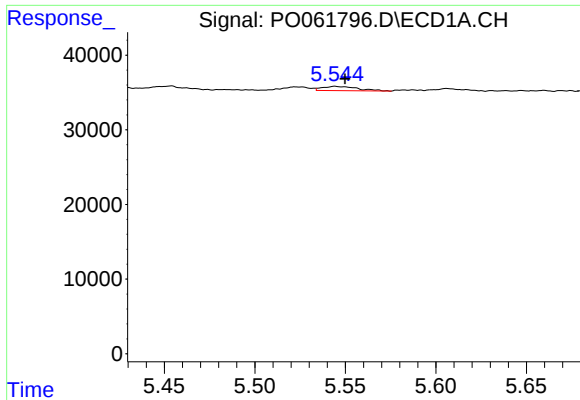
#12 AR-1232-2

R.T.: 5.256 min
Delta R.T.: -0.005 min
Response: 8201
Conc: 10.45 ng/ml



#12 AR-1232-2

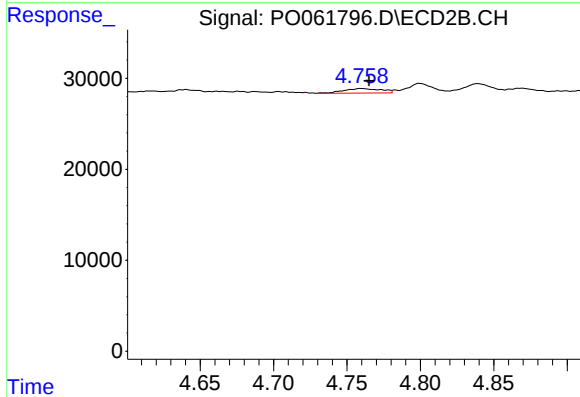
R.T.: 4.585 min
Delta R.T.: -0.010 min
Response: 8500
Conc: 6.96 ng/ml



#13 AR-1232-3

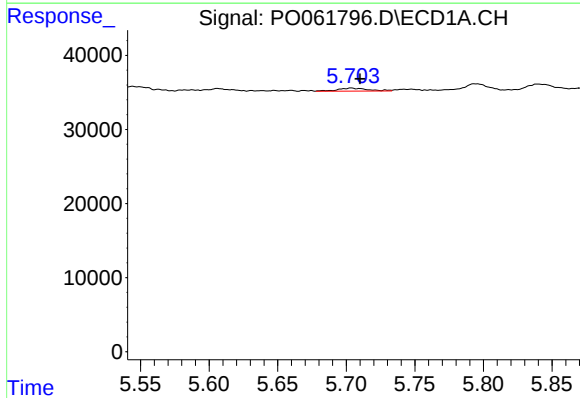
R.T.: 5.544 min
Delta R.T.: -0.005 min
Response: 7751
Conc: 4.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



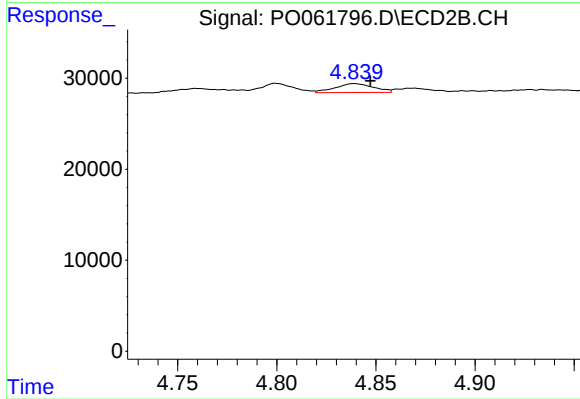
#13 AR-1232-3

R.T.: 4.759 min
Delta R.T.: -0.006 min
Response: 8958
Conc: 13.57 ng/ml



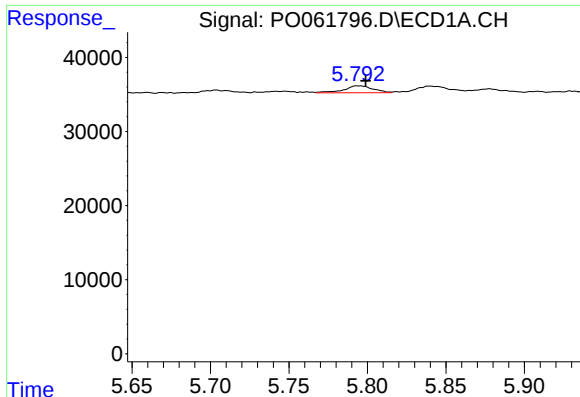
#14 AR-1232-4

R.T.: 5.704 min
Delta R.T.: -0.006 min
Response: 6392
Conc: 7.22 ng/ml



#14 AR-1232-4

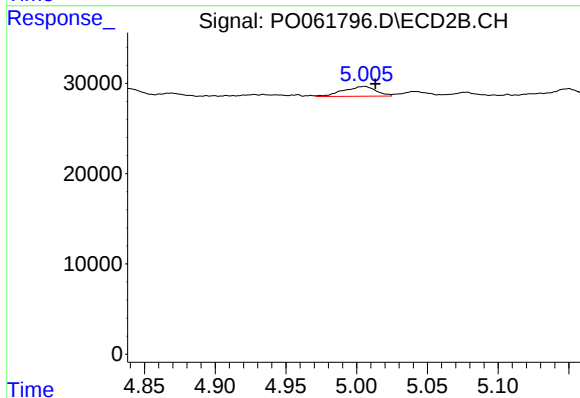
R.T.: 4.839 min
Delta R.T.: -0.008 min
Response: 13214
Conc: 20.96 ng/ml



#15 AR-1232-5

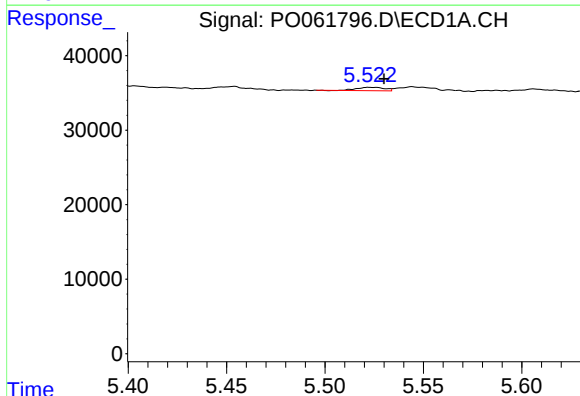
R.T.: 5.794 min
Delta R.T.: -0.005 min
Response: 12286
Conc: 17.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



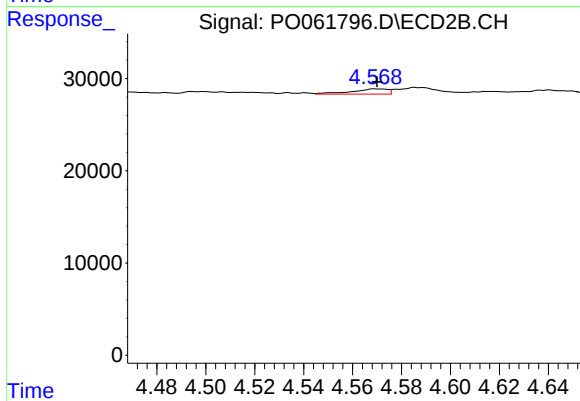
#15 AR-1232-5

R.T.: 5.006 min
Delta R.T.: -0.008 min
Response: 17501
Conc: 25.51 ng/ml



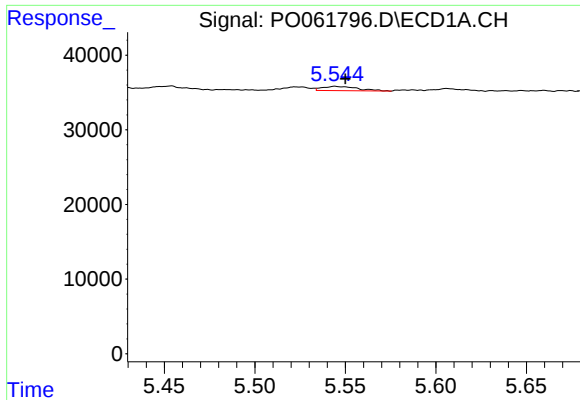
#16 AR-1242-1

R.T.: 5.523 min
Delta R.T.: -0.007 min
Response: 4233
Conc: 2.98 ng/ml



#16 AR-1242-1

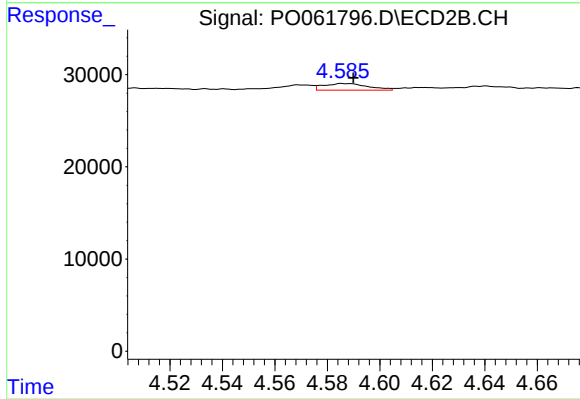
R.T.: 4.569 min
Delta R.T.: -0.001 min
Response: 5953
Conc: 5.81 ng/ml



#17 AR-1242-2

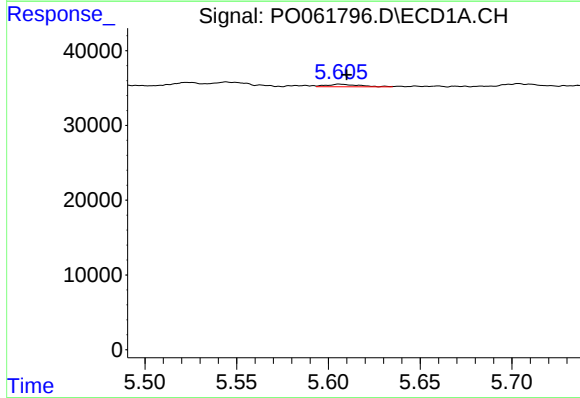
R.T.: 5.544 min
Delta R.T.: -0.006 min
Response: 7751
Conc: 3.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



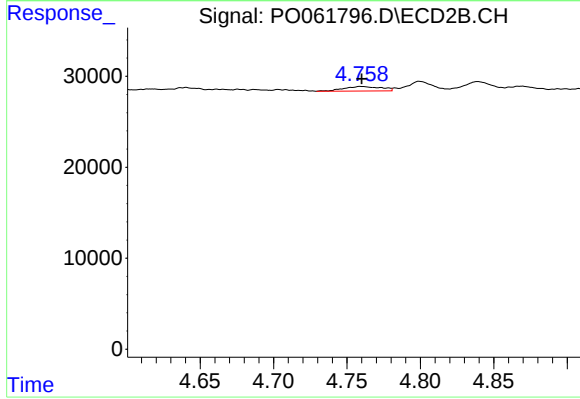
#17 AR-1242-2

R.T.: 4.585 min
Delta R.T.: -0.005 min
Response: 8500
Conc: 6.03 ng/ml



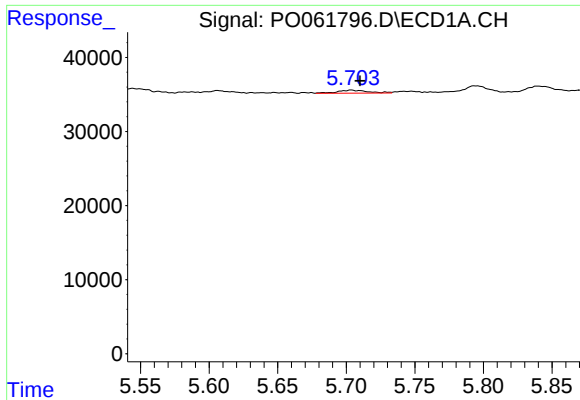
#18 AR-1242-3

R.T.: 5.606 min
Delta R.T.: -0.004 min
Response: 4316
Conc: 3.42 ng/ml



#18 AR-1242-3

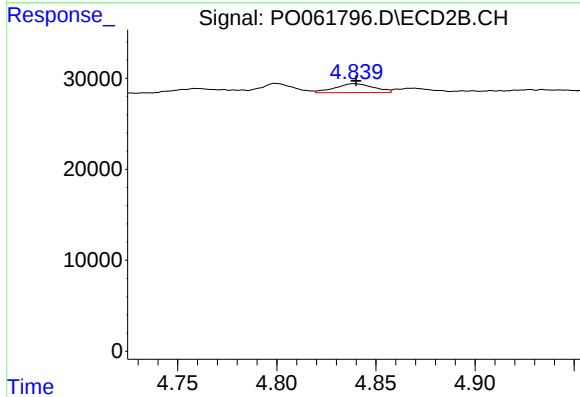
R.T.: 4.759 min
Delta R.T.: -0.001 min
Response: 8958
Conc: 11.47 ng/ml



#19 AR-1242-4

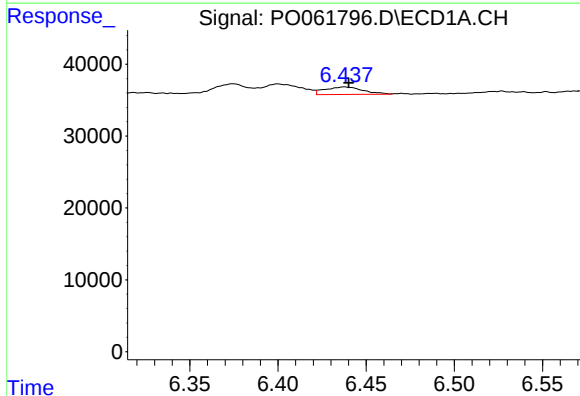
R.T.: 5.704 min
Delta R.T.: -0.006 min
Response: 6392
Conc: 6.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



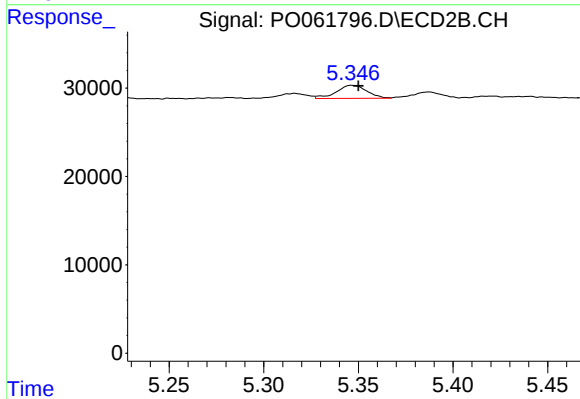
#19 AR-1242-4

R.T.: 4.839 min
Delta R.T.: 0.000 min
Response: 13214
Conc: 16.10 ng/ml



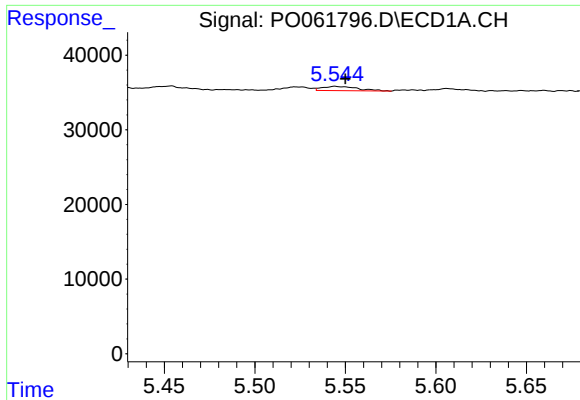
#20 AR-1242-5

R.T.: 6.438 min
Delta R.T.: -0.002 min
Response: 15772
Conc: 11.79 ng/ml



#20 AR-1242-5

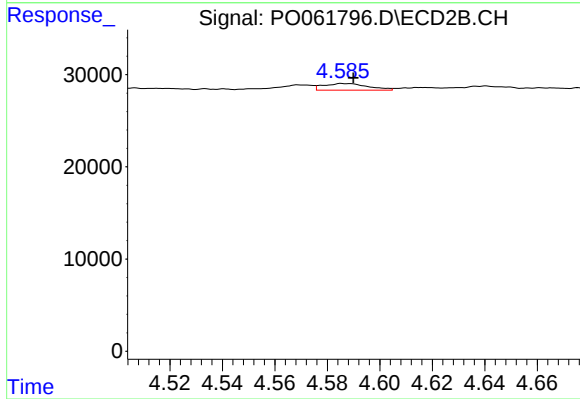
R.T.: 5.347 min
Delta R.T.: -0.003 min
Response: 16436
Conc: 15.34 ng/ml



#21 AR-1248-1

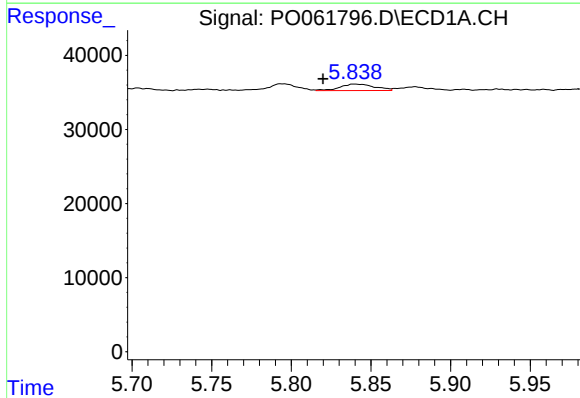
R.T.: 5.544 min
Delta R.T.: -0.006 min
Response: 7751
Conc: 6.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



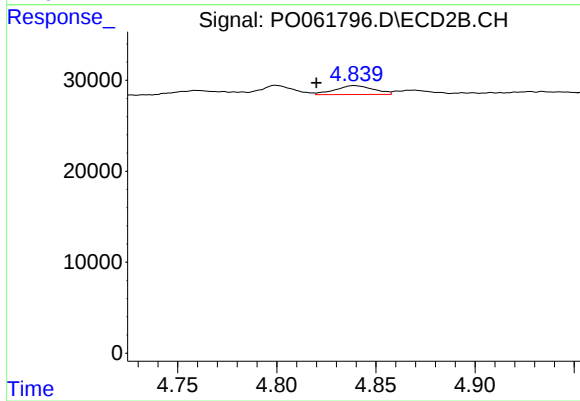
#21 AR-1248-1

R.T.: 4.585 min
Delta R.T.: -0.005 min
Response: 8500
Conc: 9.50 ng/ml



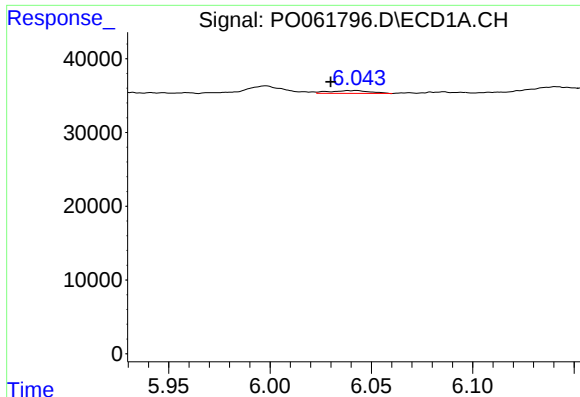
#22 AR-1248-2

R.T.: 5.840 min
Delta R.T.: 0.020 min
Response: 13220
Conc: 7.84 ng/ml



#22 AR-1248-2

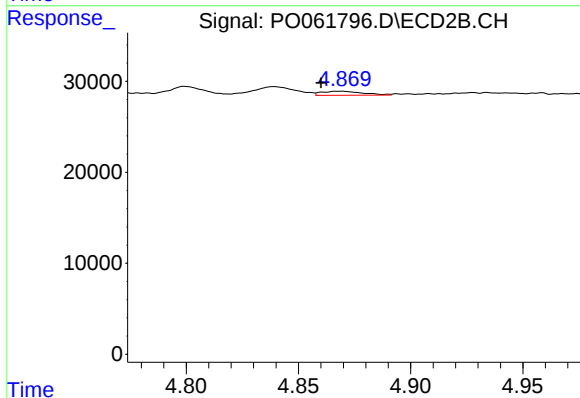
R.T.: 4.839 min
Delta R.T.: 0.019 min
Response: 13214
Conc: 11.22 ng/ml



#23 AR-1248-3

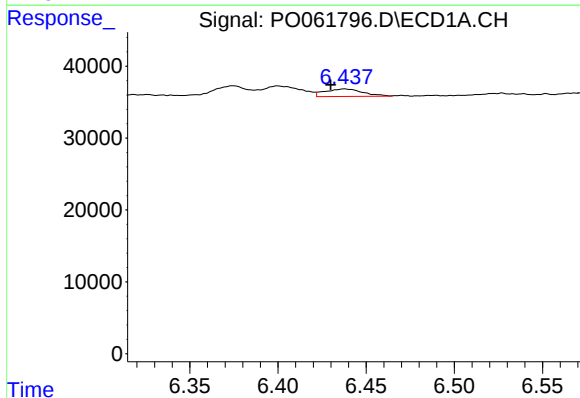
R.T.: 6.043 min
Delta R.T.: 0.013 min
Response: 5184
Conc: 2.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



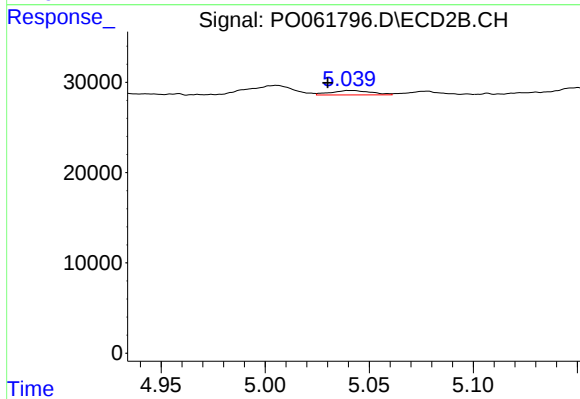
#23 AR-1248-3

R.T.: 4.869 min
Delta R.T.: 0.009 min
Response: 5795
Conc: 4.67 ng/ml



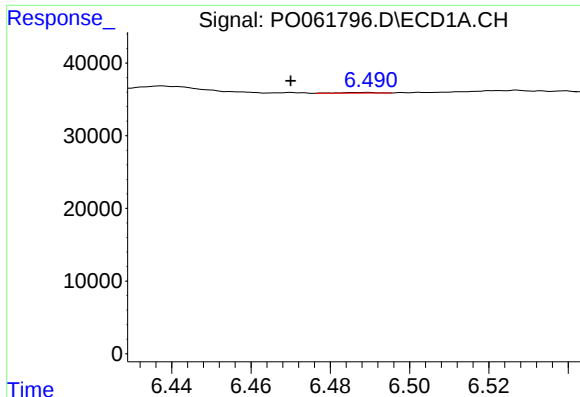
#24 AR-1248-4

R.T.: 6.438 min
Delta R.T.: 0.008 min
Response: 15772
Conc: 6.67 ng/ml



#24 AR-1248-4

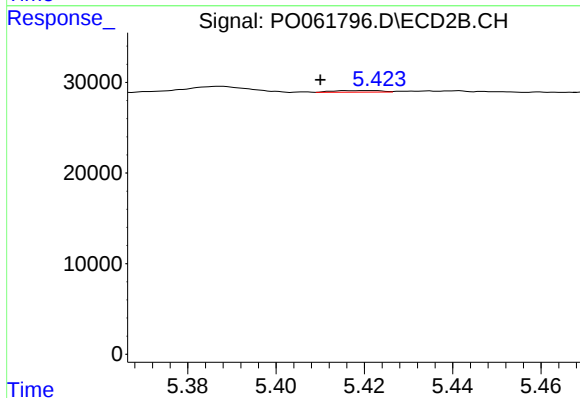
R.T.: 5.040 min
Delta R.T.: 0.010 min
Response: 6637
Conc: 4.42 ng/ml



#25 AR-1248-5

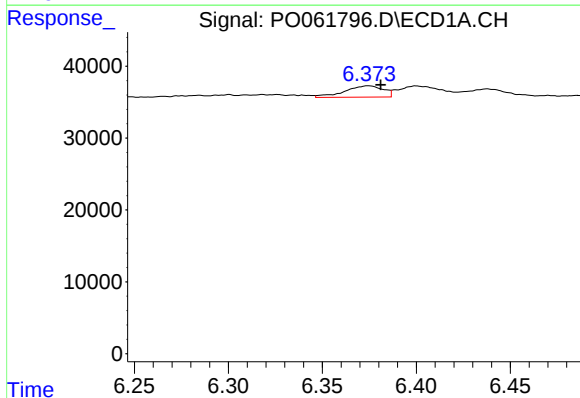
R.T.: 6.489 min
Delta R.T.: 0.019 min
Response: 580
Conc: 0.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



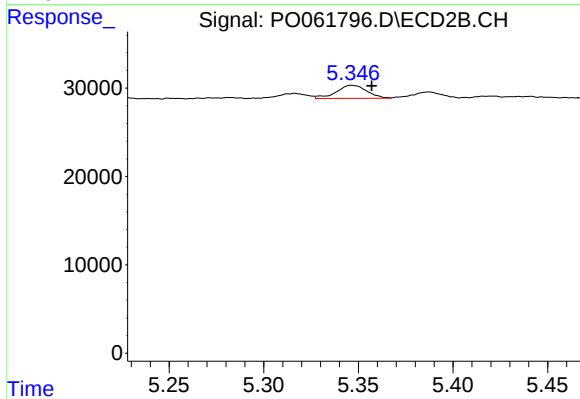
#25 AR-1248-5

R.T.: 5.420 min
Delta R.T.: 0.010 min
Response: 1338
Conc: 0.87 ng/ml



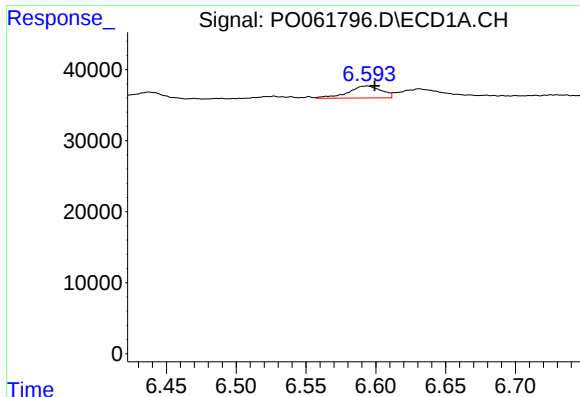
#26 AR-1254-1

R.T.: 6.375 min
Delta R.T.: -0.006 min
Response: 22394
Conc: 9.82 ng/ml



#26 AR-1254-1

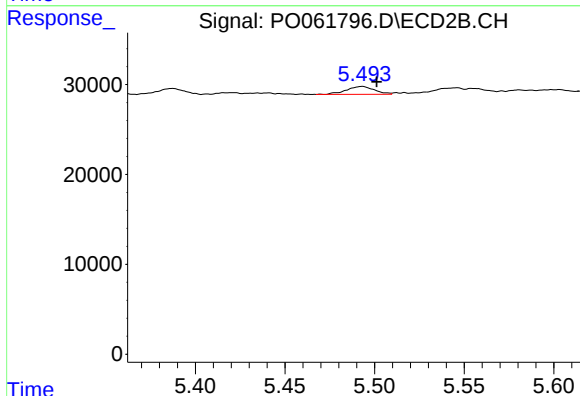
R.T.: 5.347 min
Delta R.T.: -0.010 min
Response: 16436
Conc: 7.49 ng/ml



#27 AR-1254-2

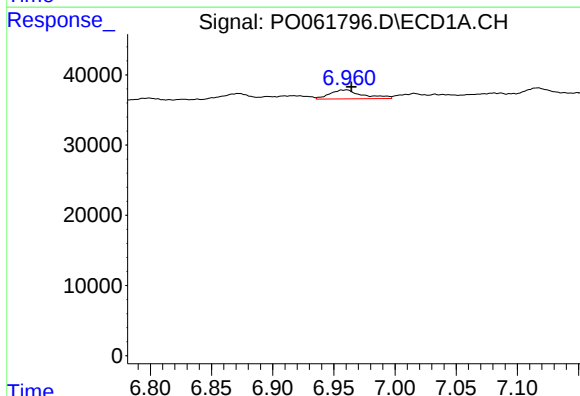
R.T.: 6.593 min
Delta R.T.: -0.006 min
Response: 27882
Conc: 7.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



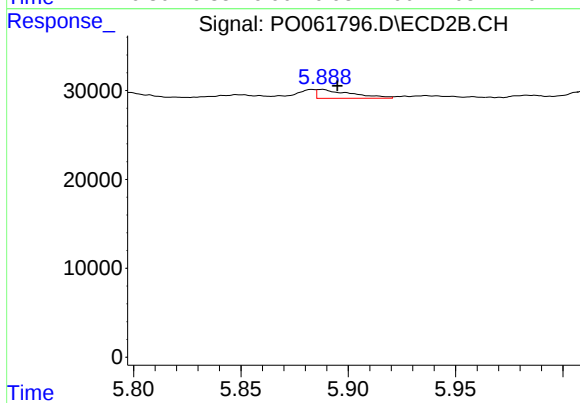
#27 AR-1254-2

R.T.: 5.493 min
Delta R.T.: -0.008 min
Response: 9561
Conc: 4.88 ng/ml



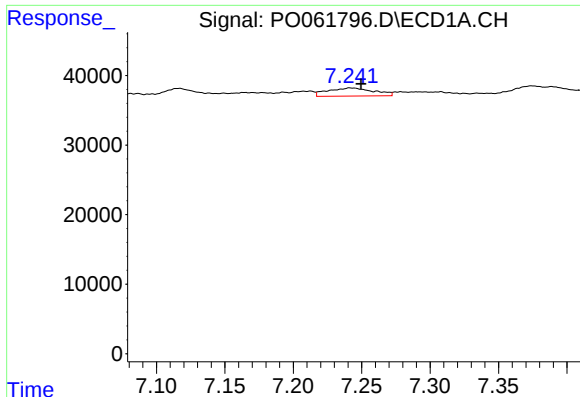
#28 AR-1254-3

R.T.: 6.960 min
Delta R.T.: -0.004 min
Response: 23873
Conc: 6.11 ng/ml



#28 AR-1254-3

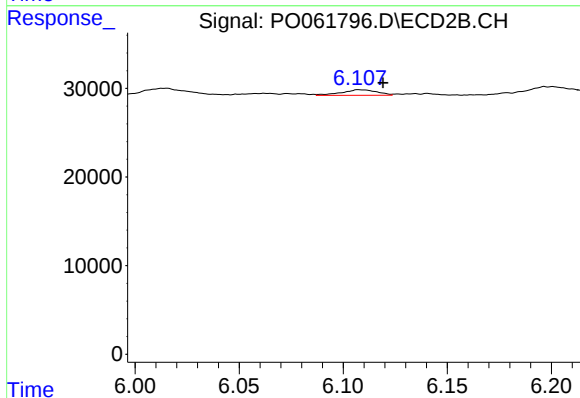
R.T.: 5.888 min
Delta R.T.: -0.007 min
Response: 11176
Conc: 3.51 ng/ml



#29 AR-1254-4

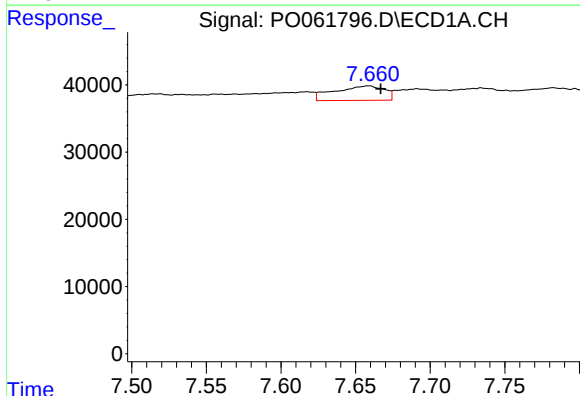
R.T.: 7.242 min
Delta R.T.: -0.008 min
Response: 27282
Conc: 9.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



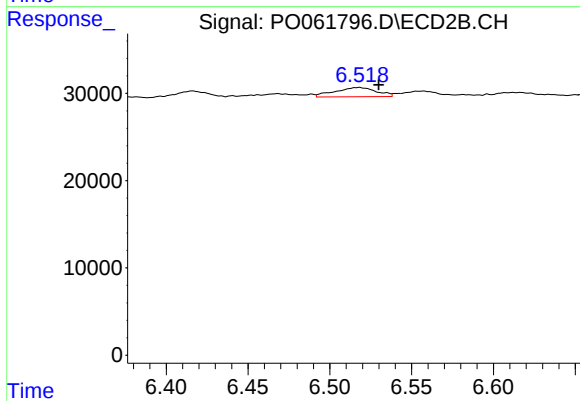
#29 AR-1254-4

R.T.: 6.107 min
Delta R.T.: -0.012 min
Response: 7340
Conc: 3.62 ng/ml



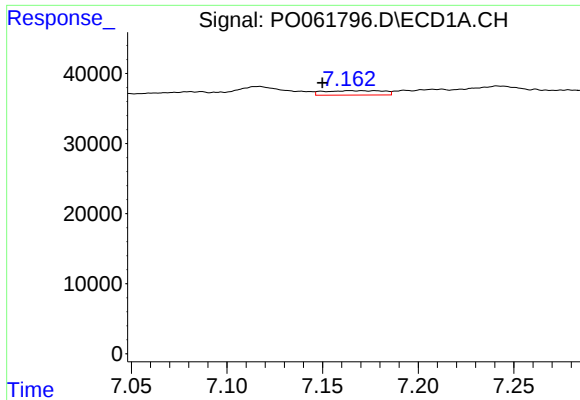
#30 AR-1254-5

R.T.: 7.659 min
Delta R.T.: -0.008 min
Response: 49960
Conc: 15.91 ng/ml



#30 AR-1254-5

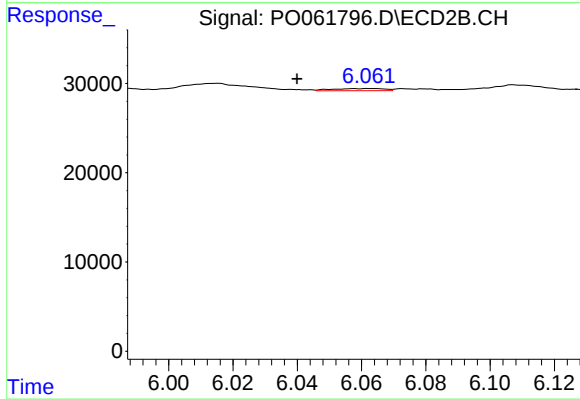
R.T.: 6.518 min
Delta R.T.: -0.012 min
Response: 18708
Conc: 6.61 ng/ml



#31 AR-1260-1

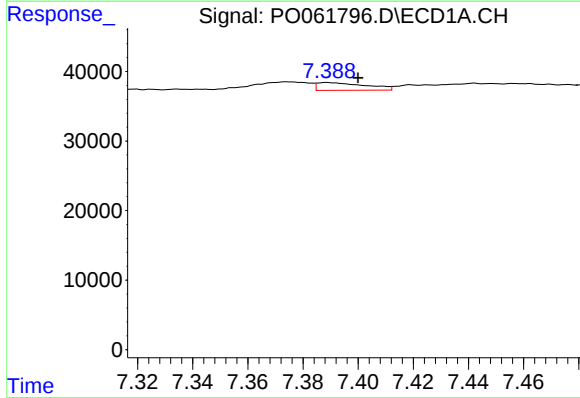
R.T.: 7.170 min
Delta R.T.: 0.020 min
Response: 13627
Conc: 5.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



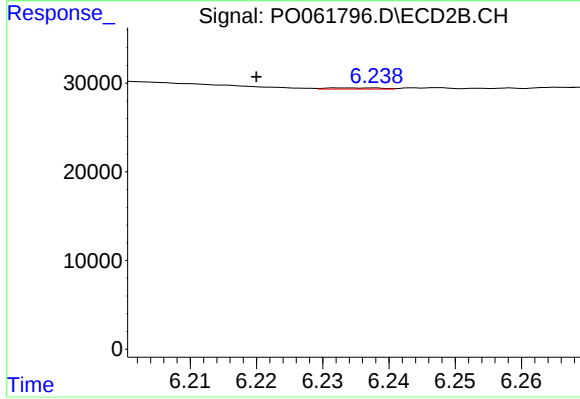
#31 AR-1260-1

R.T.: 6.062 min
Delta R.T.: 0.022 min
Response: 2671
Conc: 1.31 ng/ml



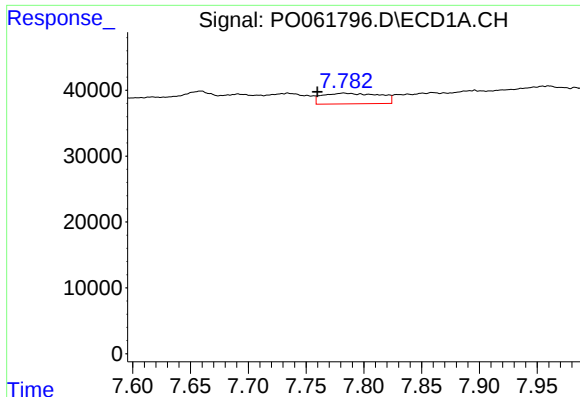
#32 AR-1260-2

R.T.: 7.389 min
Delta R.T.: -0.011 min
Response: 13608
Conc: 4.27 ng/ml



#32 AR-1260-2

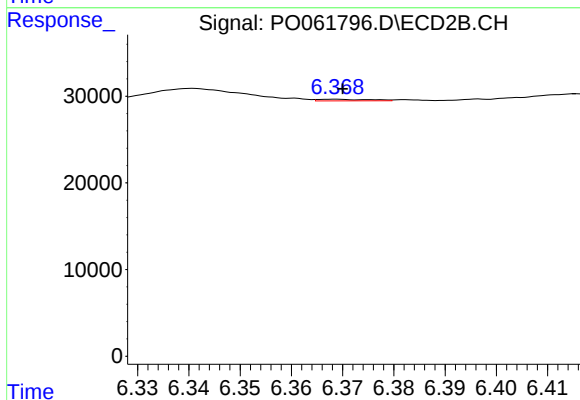
R.T.: 6.233 min
Delta R.T.: 0.013 min
Response: 757
Conc: 0.32 ng/ml



#33 AR-1260-3

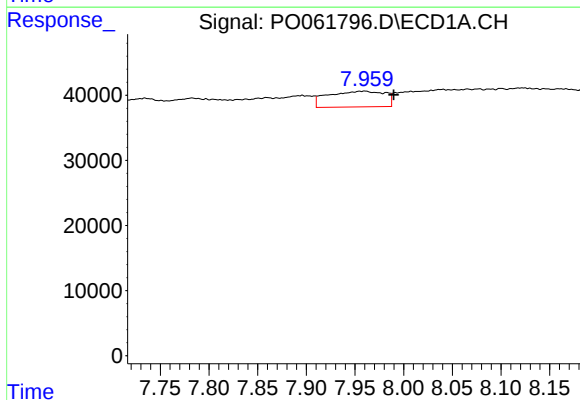
R.T.: 7.782 min
Delta R.T.: 0.022 min
Response: 55686
Conc: 23.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



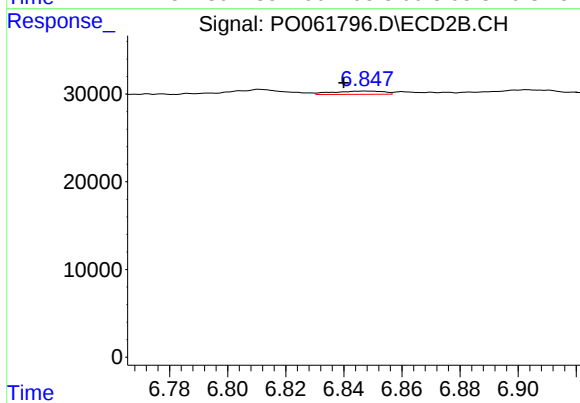
#33 AR-1260-3

R.T.: 6.369 min
Delta R.T.: -0.001 min
Response: 1294
Conc: 0.57 ng/ml



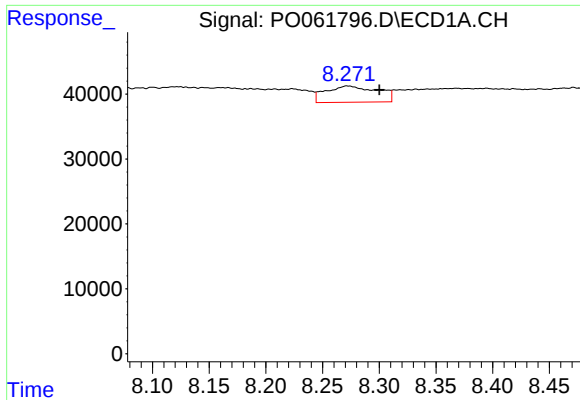
#34 AR-1260-4

R.T.: 7.960 min
Delta R.T.: -0.030 min
Response: 98233
Conc: 36.76 ng/ml



#34 AR-1260-4

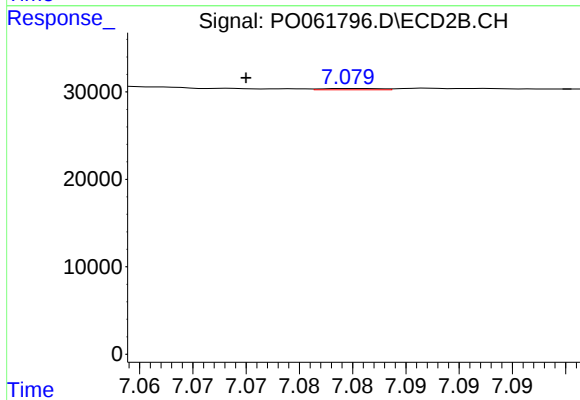
R.T.: 6.848 min
Delta R.T.: 0.008 min
Response: 4557
Conc: 2.47 ng/ml



#35 AR-1260-5

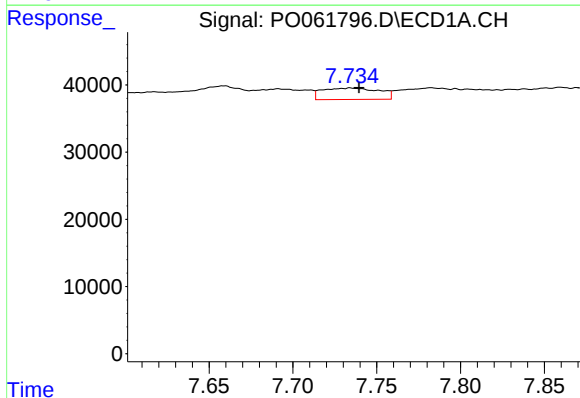
R.T.: 8.272 min
Delta R.T.: -0.028 min
Response: 79738
Conc: 16.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



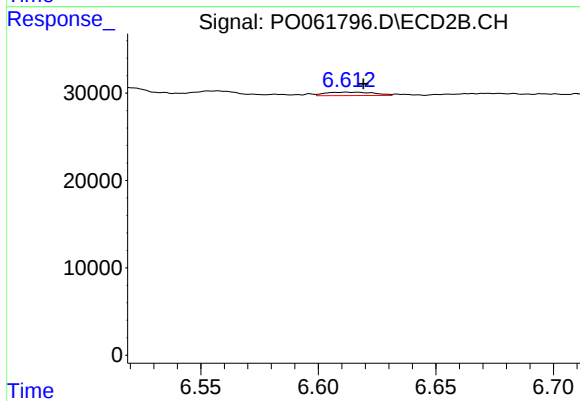
#35 AR-1260-5

R.T.: 7.080 min
Delta R.T.: 0.010 min
Response: 583
Conc: 0.15 ng/ml



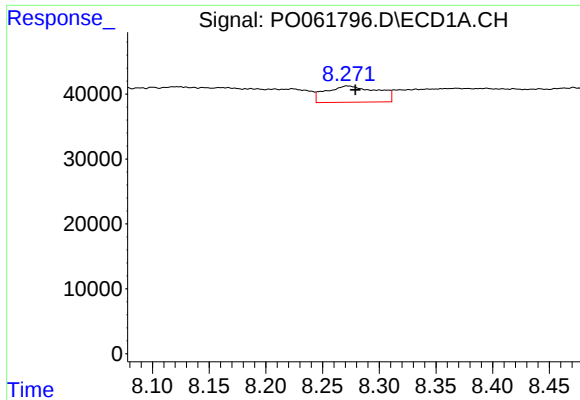
#36 AR-1262-1

R.T.: 7.734 min
Delta R.T.: -0.005 min
Response: 39965
Conc: 10.43 ng/ml



#36 AR-1262-1

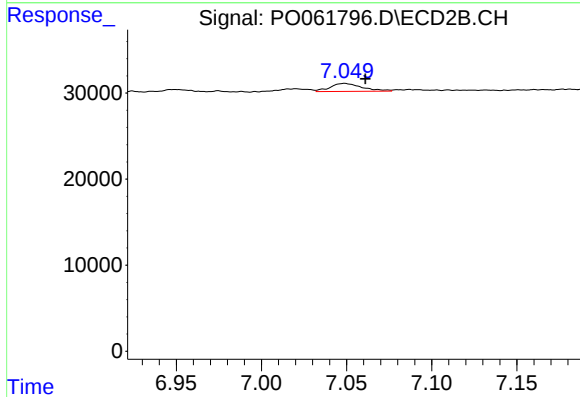
R.T.: 6.612 min
Delta R.T.: -0.007 min
Response: 5761
Conc: 4.72 ng/ml



#37 AR-1262-2

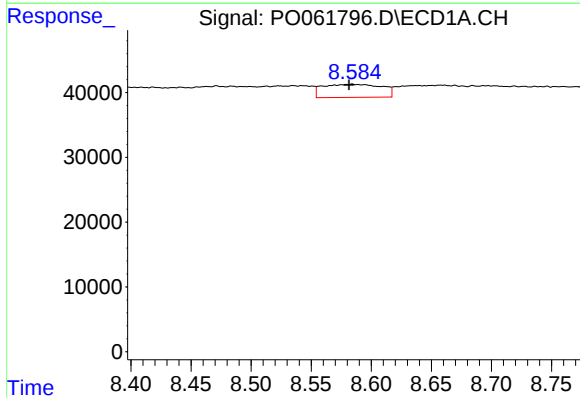
R.T.: 8.272 min
Delta R.T.: -0.007 min
Response: 79738
Conc: 12.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



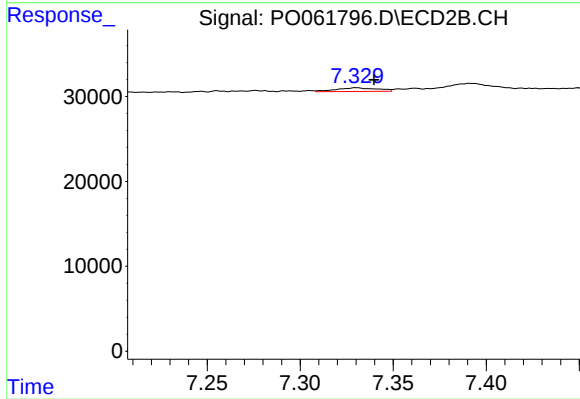
#37 AR-1262-2

R.T.: 7.049 min
Delta R.T.: -0.012 min
Response: 11925
Conc: 2.59 ng/ml



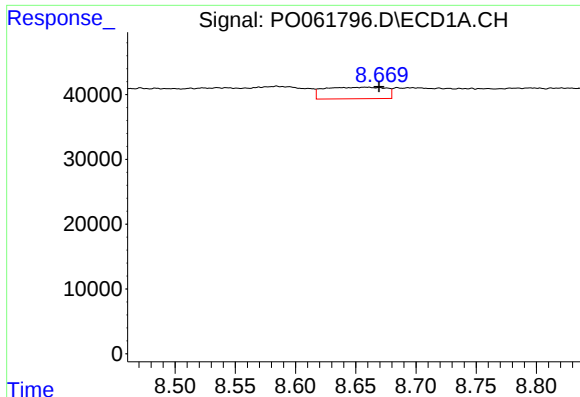
#38 AR-1262-3

R.T.: 8.584 min
Delta R.T.: 0.003 min
Response: 69024
Conc: 16.61 ng/ml



#38 AR-1262-3

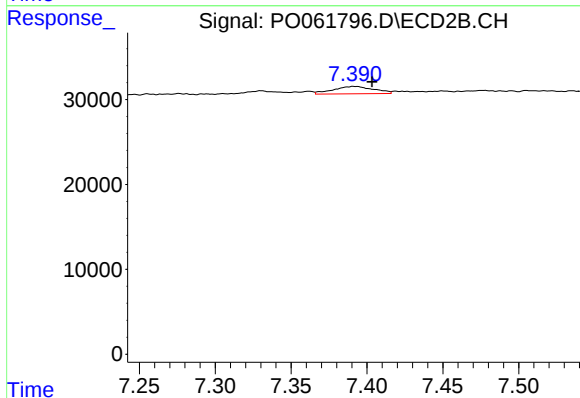
R.T.: 7.330 min
Delta R.T.: -0.010 min
Response: 6796
Conc: 3.61 ng/ml



#39 AR-1262-4

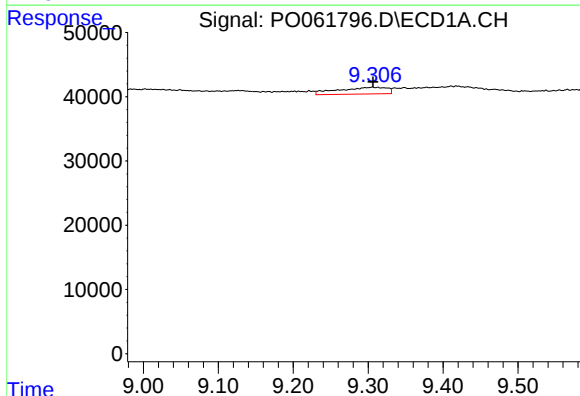
R.T.: 8.658 min
Delta R.T.: -0.011 min
Response: 63105
Conc: 19.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



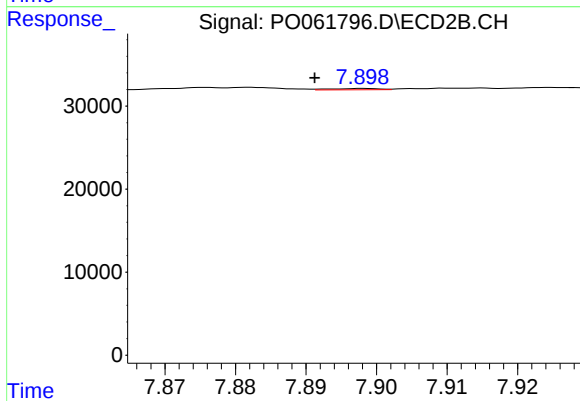
#39 AR-1262-4

R.T.: 7.391 min
Delta R.T.: -0.013 min
Response: 16160
Conc: 4.81 ng/ml



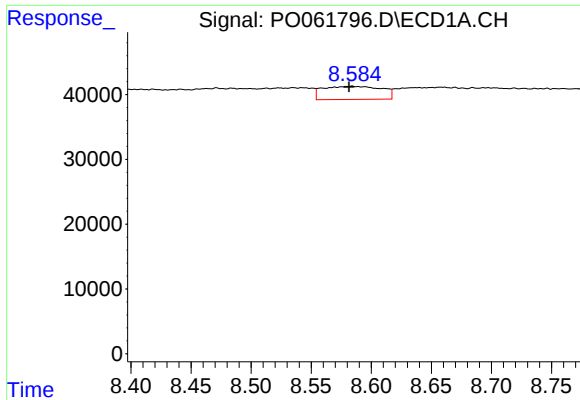
#40 AR-1262-5

R.T.: 9.306 min
Delta R.T.: 0.000 min
Response: 47490
Conc: 23.35 ng/ml



#40 AR-1262-5

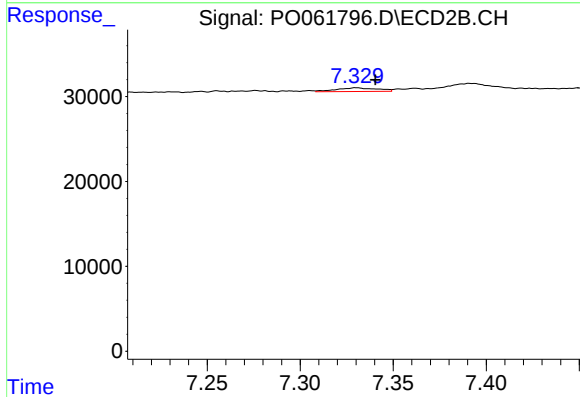
R.T.: 7.898 min
Delta R.T.: 0.007 min
Response: 799
Conc: 0.53 ng/ml



#41 AR-1268-1

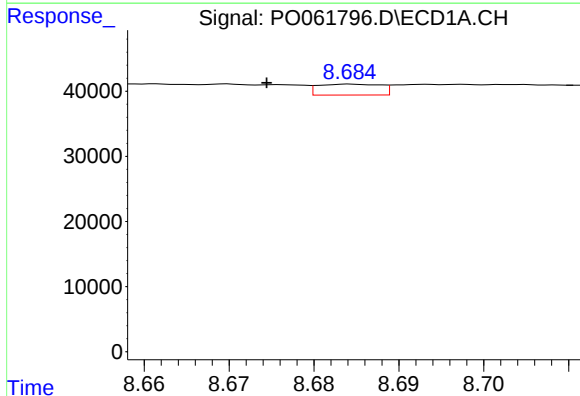
R.T.: 8.584 min
Delta R.T.: 0.003 min
Response: 69024
Conc: 10.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



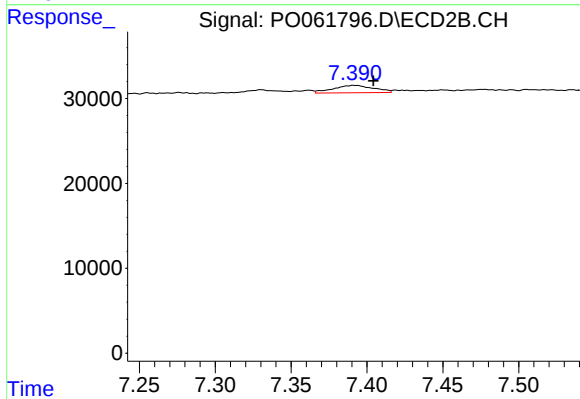
#41 AR-1268-1

R.T.: 7.330 min
Delta R.T.: -0.011 min
Response: 6796
Conc: 1.41 ng/ml



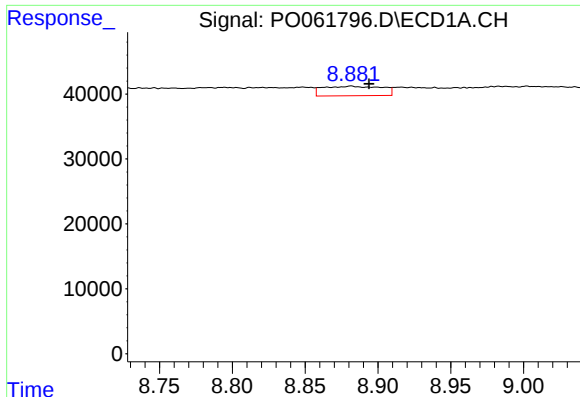
#42 AR-1268-2

R.T.: 8.685 min
Delta R.T.: 0.010 min
Response: 8588
Conc: 1.39 ng/ml



#42 AR-1268-2

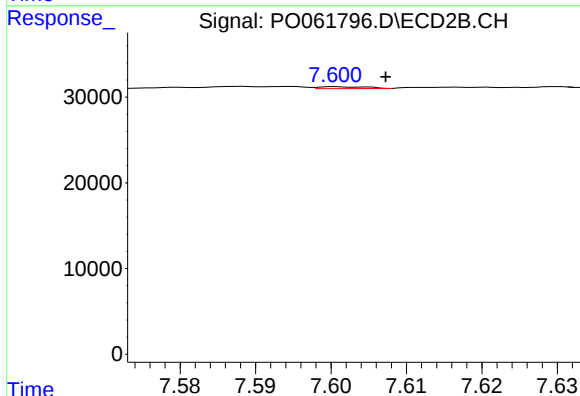
R.T.: 7.391 min
Delta R.T.: -0.014 min
Response: 16160
Conc: 3.75 ng/ml



#43 AR-1268-3

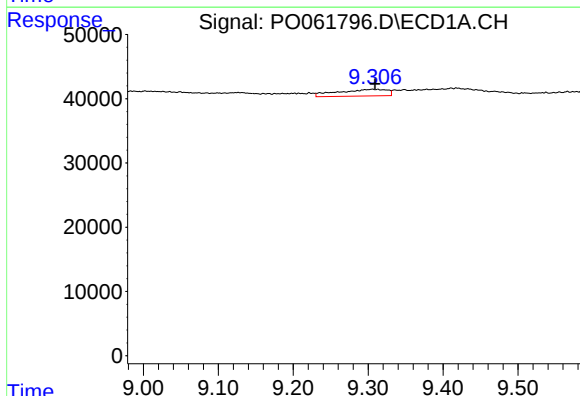
R.T.: 8.882 min
Delta R.T.: -0.012 min
Response: 41313
Conc: 8.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



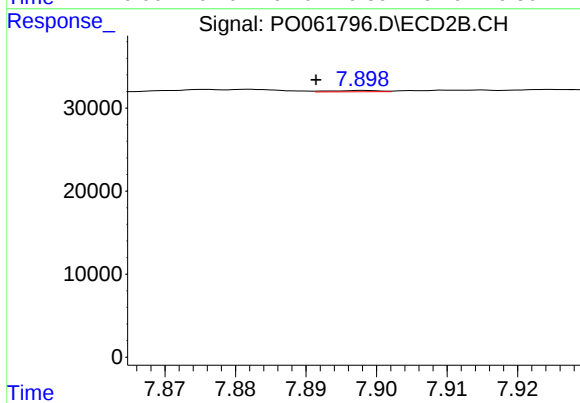
#43 AR-1268-3

R.T.: 7.601 min
Delta R.T.: -0.007 min
Response: 977
Conc: 0.27 ng/ml



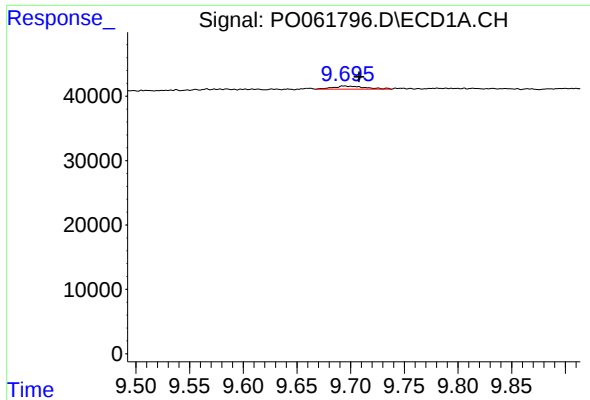
#44 AR-1268-4

R.T.: 9.306 min
Delta R.T.: -0.004 min
Response: 47490
Conc: 21.72 ng/ml



#44 AR-1268-4

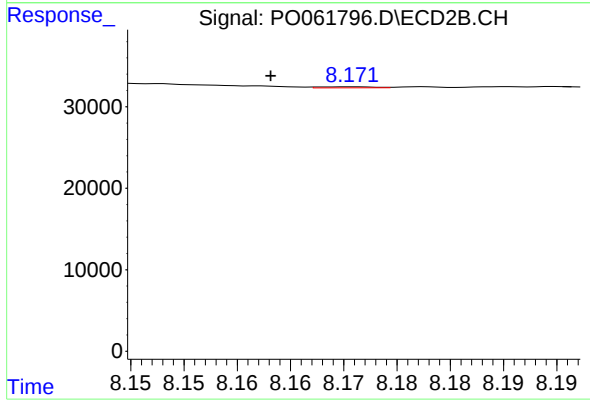
R.T.: 7.898 min
Delta R.T.: 0.007 min
Response: 799
Conc: 0.50 ng/ml



#45 AR-1268-5

R.T.: 9.694 min
Delta R.T.: -0.014 min
Response: 10356
Conc: 0.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.171 min
Delta R.T.: 0.008 min
Response: 491
Conc: 0.05 ng/ml