

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082219\
 Data File : P0059657.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Aug 2019 14:06
 Operator : SM/AJ
 Sample : PB122439BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB122439BL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 15:41:07 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Aug 17 03:09:44 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...	4.133	3.501	1011951	889382	28.903	24.708
2)	SA Decachlor...	9.613	8.366	1059330	587805	19.912	14.578 #
Target Compounds							
3)	L1 AR-1016-1	5.300	0.000	816	0	0.509	N.D. #
4)	L1 AR-1016-2	5.329	0.000	360	0	0.151	N.D. #
5)	L1 AR-1016-3	5.383	0.000	520	0	0.349	N.D. #
6)	L1 AR-1016-4	5.485	0.000	121	0	0.100	N.D. #
7)	L1 AR-1016-5	5.799	0.000	26231	0	20.427	N.D. #
8)	L2 AR-1221-1	4.297	0.000	1211	0	2.860	N.D. #
9)	L2 AR-1221-2	4.434	3.794	17295	11632	53.248	38.186 #
10)	L2 AR-1221-3	4.524	0.000	3013	0	2.864	N.D. #
11)	L3 AR-1232-1	4.524	0.000	3013	0	2.417	N.D. #
12)	L3 AR-1232-2	5.027	0.000	1273	0	1.802	N.D. #
13)	L3 AR-1232-3	5.316	0.000	735	0	0.480	N.D. #
14)	L3 AR-1232-4	5.485	0.000	121	0	0.154	N.D. #
15)	L3 AR-1232-5	5.569	0.000	1132	0	1.883	N.D. #
16)	L4 AR-1242-1	5.300	0.000	816	0	0.643	N.D. #
17)	L4 AR-1242-2	5.316	0.000	735	0	0.396	N.D. #
18)	L4 AR-1242-3	5.383	0.000	520	0	0.445	N.D. #
19)	L4 AR-1242-4	5.485	0.000	121	0	0.125	N.D. #
20)	L4 AR-1242-5	6.222	0.000	1888	0	1.502	N.D. #
21)	L5 AR-1248-1	5.300	0.000	816	0	0.814	N.D. #
22)	L5 AR-1248-2	5.569	0.000	1132	0	0.780	N.D. #
23)	L5 AR-1248-3	5.799	0.000	26231	0	15.782	N.D. #
24)	L5 AR-1248-4	6.162	0.000	1564	0	0.765	N.D. #
25)	L5 AR-1248-5	6.222	0.000	1888	0	0.952	N.D. #
26)	L6 AR-1254-1	6.129	0.000	9155	0	4.388	N.D. #
27)	L6 AR-1254-2	6.350	0.000	3562	0	1.068	N.D. #
28)	L6 AR-1254-3	6.736	0.000	39810	0	11.219	N.D. #
29)	L6 AR-1254-4	6.944	0.000	1450	0	0.492	N.D. #
30)	L6 AR-1254-5	7.400	6.514	17951	8728	5.805	2.811 #
31)	L7 AR-1260-1	6.893	6.011	2743	5081	1.017	2.230 #
32)	L7 AR-1260-2	7.122	6.188	23222	47012	6.259	16.046 #
33)	L7 AR-1260-3	7.489	6.346	47855	696	14.606	0.263 #
35)	L7 AR-1260-5	0.000	7.077	0	1144	N.D.	0.208 #
36)	L8 AR-1262-1	7.489	6.559	47855	6278	9.861	1.684 #
37)	L8 AR-1262-2	0.000	7.077	0	1144	N.D.	0.195 #
38)	L8 AR-1262-3	0.000	7.278	0	5828	N.D.	2.293 #
39)	L8 AR-1262-4	8.376	7.427	1678785	7553	435.513	1.709 #
40)	L8 AR-1262-5	8.991	7.918	75329	28507	29.350	15.789 #
41)	L9 AR-1268-1	0.000	7.278	0	5828	N.D.	0.818 #
42)	L9 AR-1268-2	8.376	7.427	1678785	7553	212.971	1.171 #
43)	L9 AR-1268-3	0.000	7.594	0	2813	N.D.	0.514 #

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 Operator : SM/AJ
 Sample : PB122439BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

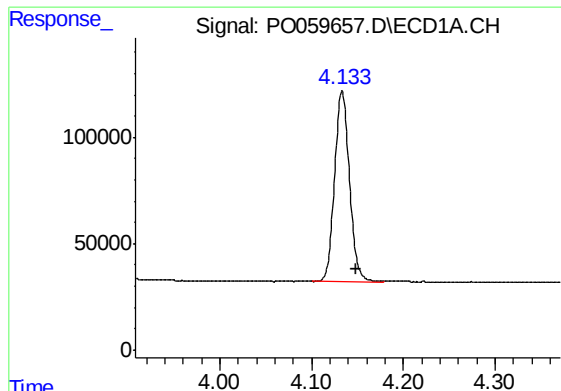
Instrument :
 ECD_O
 ClientSampleId :
 PB122439BL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 15:41:07 2019
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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
44) L9	AR-1268-4	8.991	7.918	75329	28507	27.096	13.965 #
45) L9	AR-1268-5	9.326	8.143	74289	6296	4.028	0.433 #

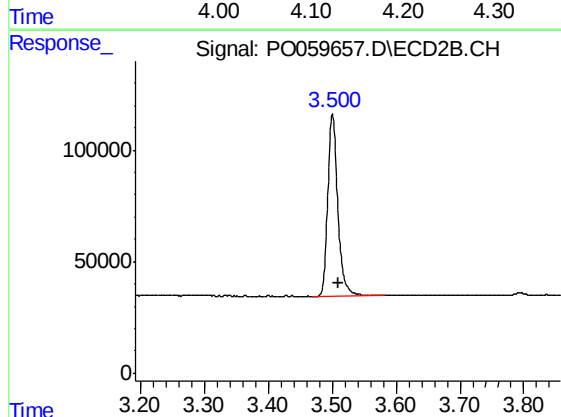
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

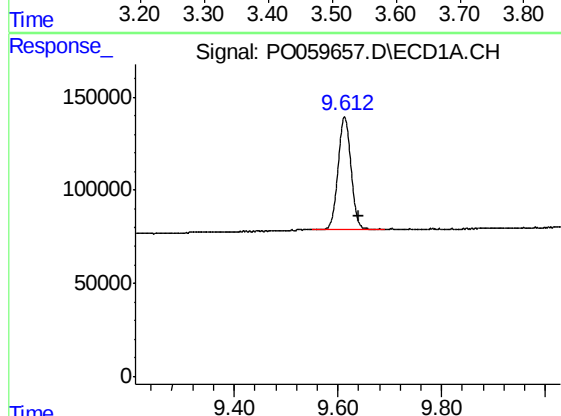
R.T.: 4.133 min
Delta R.T.: -0.016 min
Response: 1011951
Conc: 28.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122439BL



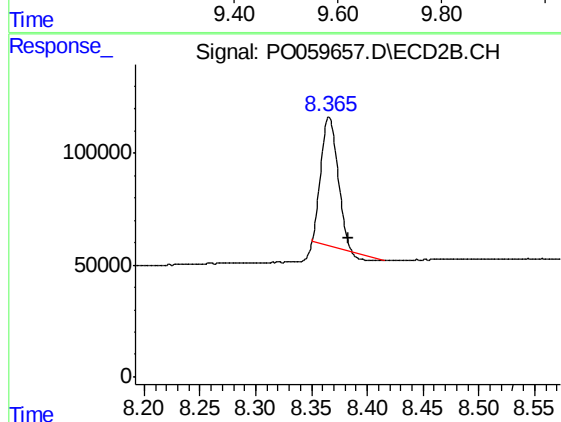
#1 Tetrachloro-m-xylene

R.T.: 3.501 min
Delta R.T.: -0.009 min
Response: 889382
Conc: 24.71 ng/ml



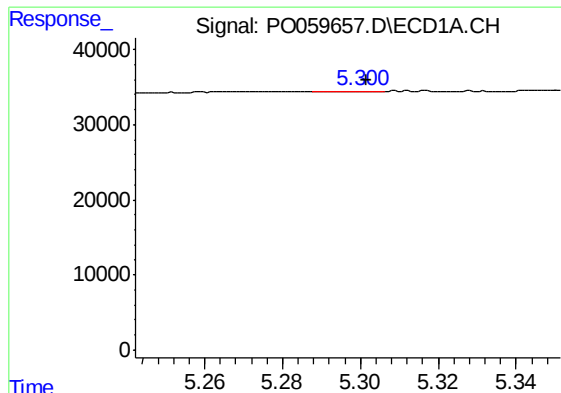
#2 Decachlorobiphenyl

R.T.: 9.613 min
Delta R.T.: -0.028 min
Response: 1059330
Conc: 19.91 ng/ml



#2 Decachlorobiphenyl

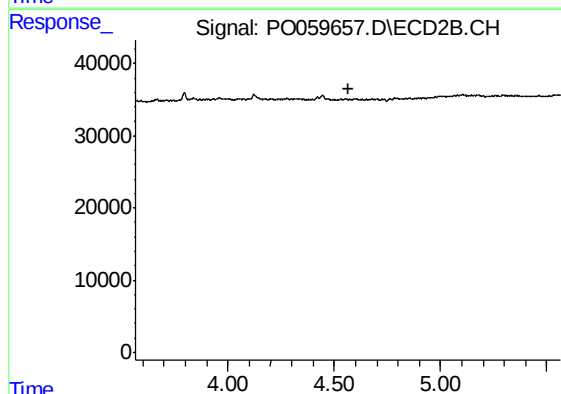
R.T.: 8.366 min
Delta R.T.: -0.018 min
Response: 587805
Conc: 14.58 ng/ml



#3 AR-1016-1

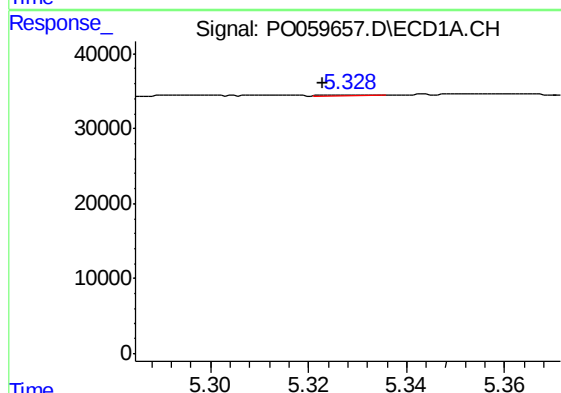
R.T.: 5.300 min
Delta R.T.: -0.002 min
Response: 816
Conc: 0.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122439BL



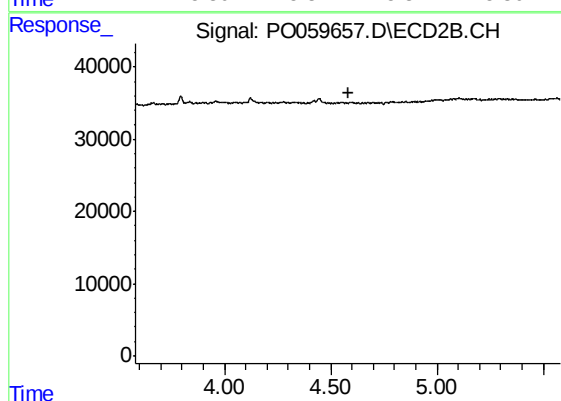
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.565 min
Response: 0
Conc: N.D.



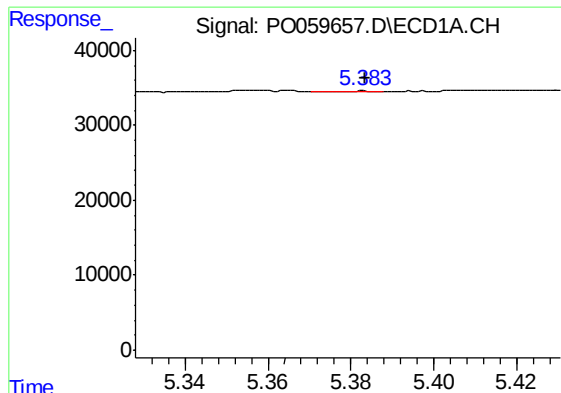
#4 AR-1016-2

R.T.: 5.329 min
Delta R.T.: 0.006 min
Response: 360
Conc: 0.15 ng/ml



#4 AR-1016-2

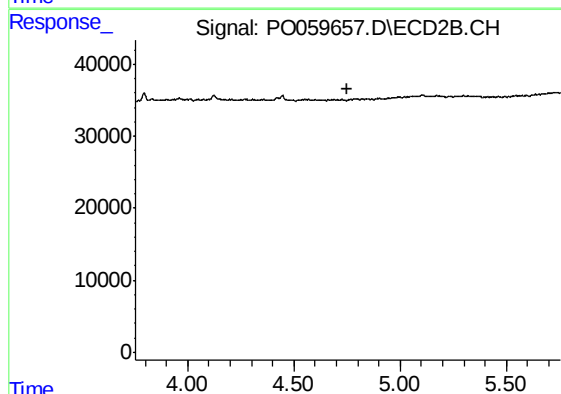
R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



#5 AR-1016-3

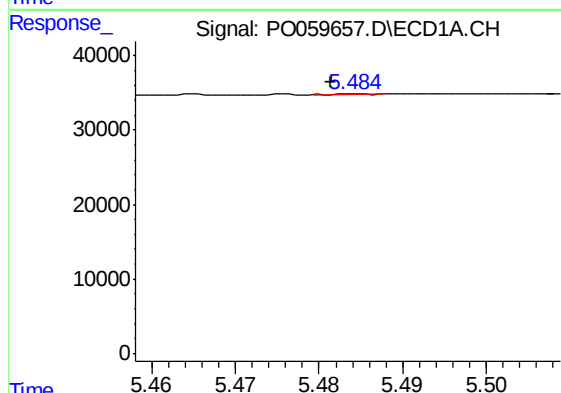
R.T.: 5.383 min
Delta R.T.: 0.000 min
Response: 520
Conc: 0.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122439BL



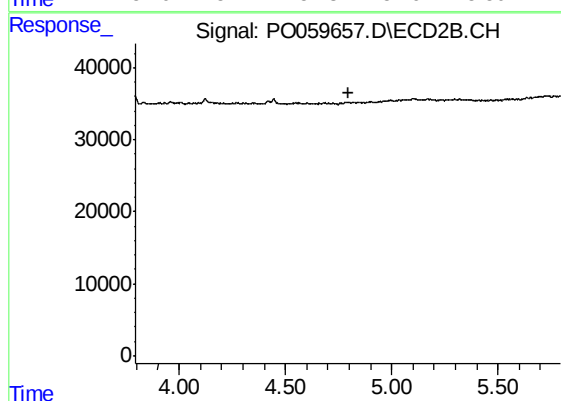
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.754 min
Response: 0
Conc: N.D.



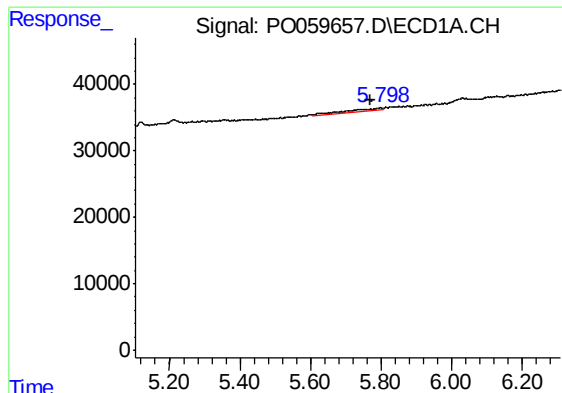
#6 AR-1016-4

R.T.: 5.485 min
Delta R.T.: 0.003 min
Response: 121
Conc: 0.10 ng/ml



#6 AR-1016-4

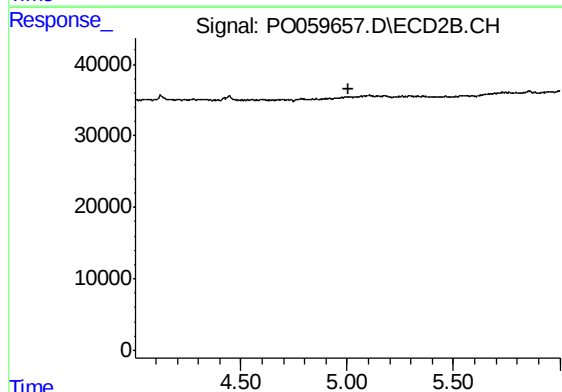
R.T.: 0.000 min
Exp R.T. : 4.795 min
Response: 0
Conc: N.D.



#7 AR-1016-5

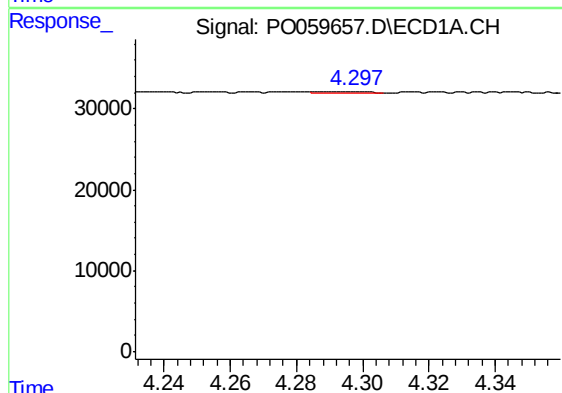
R.T.: 5.799 min
Delta R.T.: 0.029 min
Response: 26231
Conc: 20.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122439BL



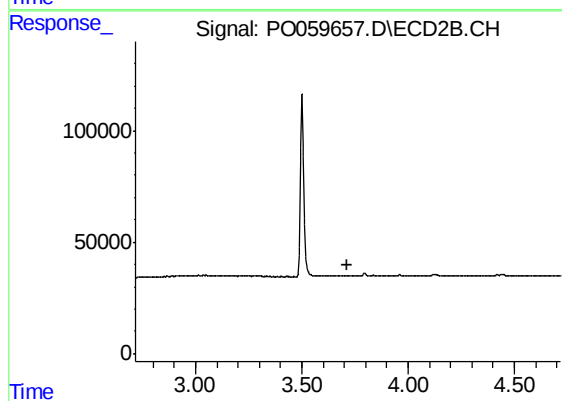
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.004 min
Response: 0
Conc: N.D.



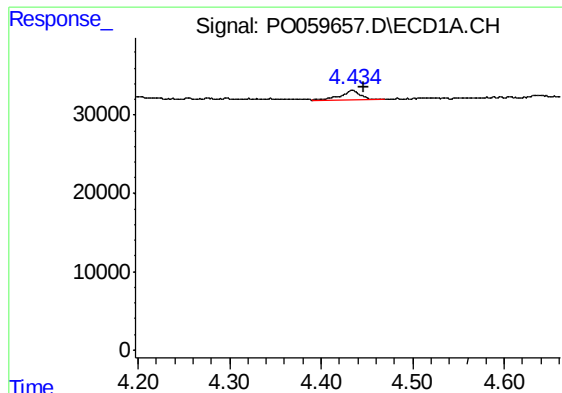
#8 AR-1221-1

R.T.: 4.297 min
Delta R.T.: -0.063 min
Response: 1211
Conc: 2.86 ng/ml



#8 AR-1221-1

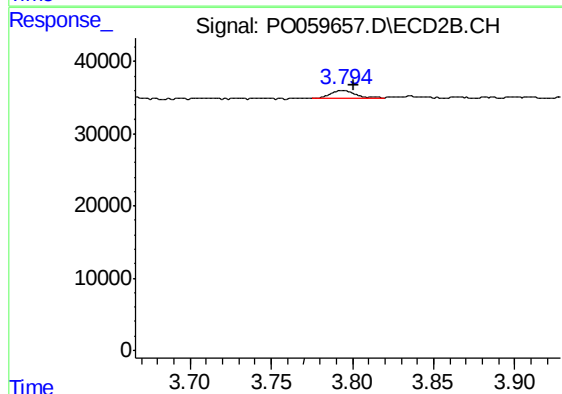
R.T.: 0.000 min
Exp R.T. : 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

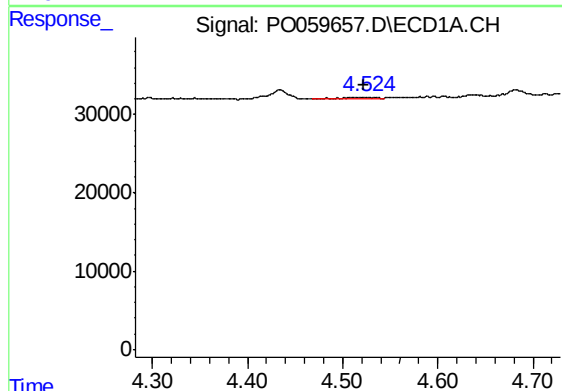
R.T.: 4.434 min
Delta R.T.: -0.013 min
Response: 17295
Conc: 53.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122439BL



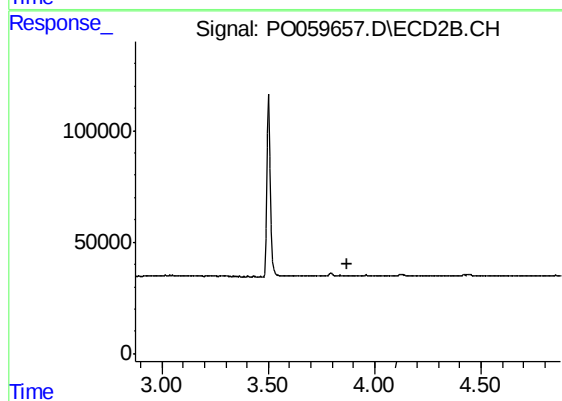
#9 AR-1221-2

R.T.: 3.794 min
Delta R.T.: -0.007 min
Response: 11632
Conc: 38.19 ng/ml



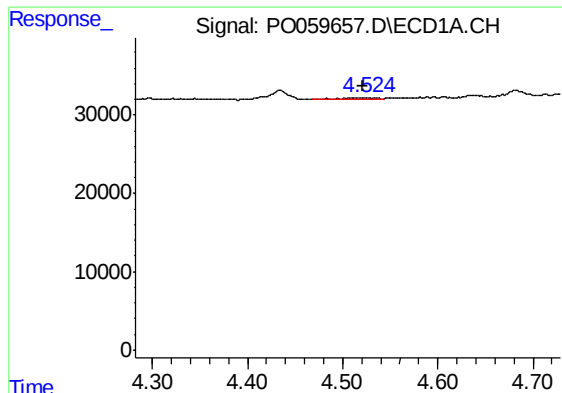
#10 AR-1221-3

R.T.: 4.524 min
Delta R.T.: 0.002 min
Response: 3013
Conc: 2.86 ng/ml



#10 AR-1221-3

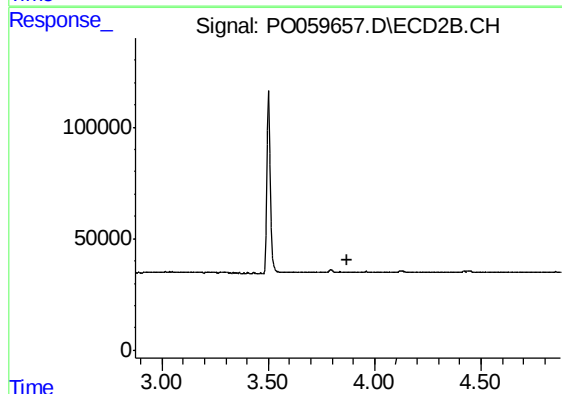
R.T.: 0.000 min
Exp R.T. : 3.874 min
Response: 0
Conc: N.D.



#11 AR-1232-1

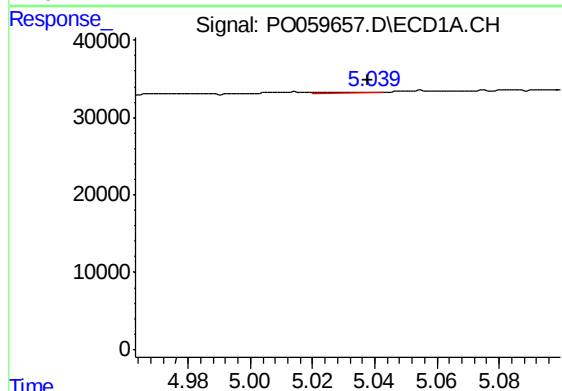
R.T.: 4.524 min
Delta R.T.: 0.002 min
Response: 3013
Conc: 2.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122439BL



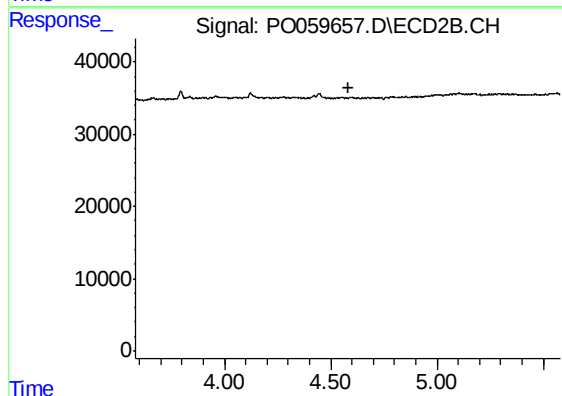
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.874 min
Response: 0
Conc: N.D.



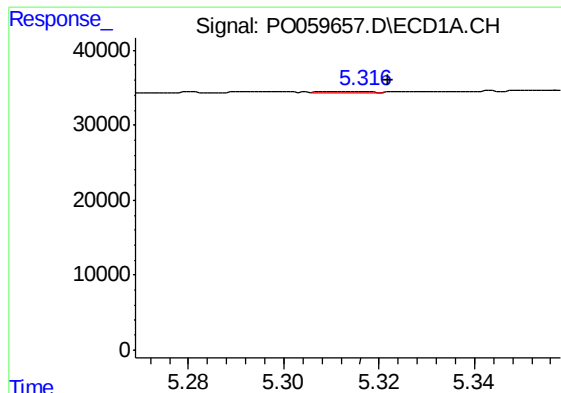
#12 AR-1232-2

R.T.: 5.027 min
Delta R.T.: -0.011 min
Response: 1273
Conc: 1.80 ng/ml



#12 AR-1232-2

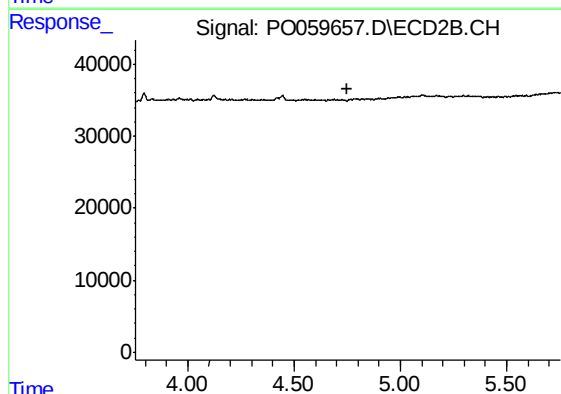
R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



#13 AR-1232-3

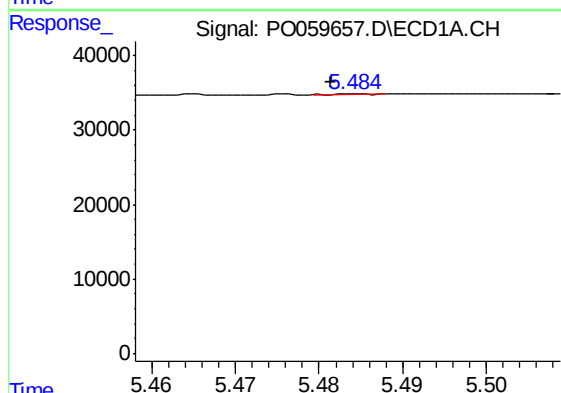
R.T.: 5.316 min
Delta R.T.: -0.006 min
Response: 735
Conc: 0.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122439BL



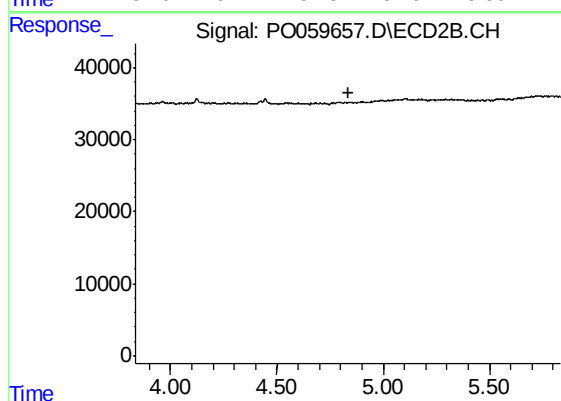
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.753 min
Response: 0
Conc: N.D.



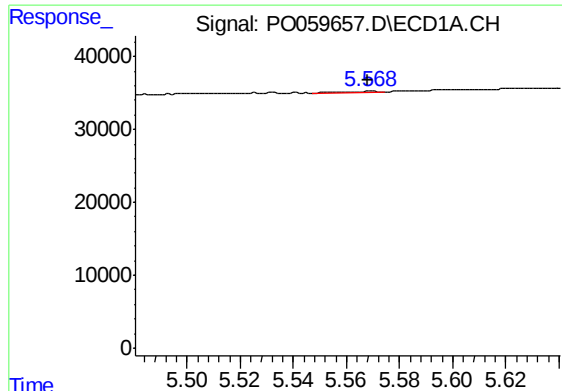
#14 AR-1232-4

R.T.: 5.485 min
Delta R.T.: 0.003 min
Response: 121
Conc: 0.15 ng/ml



#14 AR-1232-4

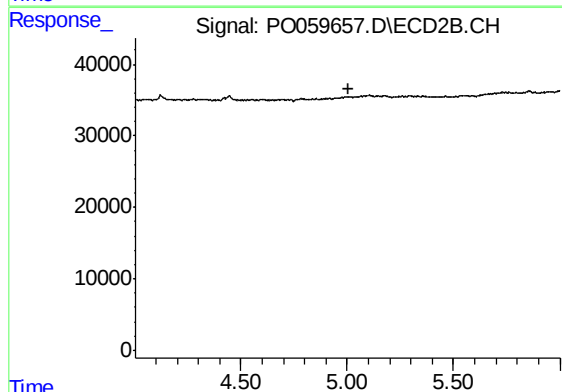
R.T.: 0.000 min
Exp R.T. : 4.834 min
Response: 0
Conc: N.D.



#15 AR-1232-5

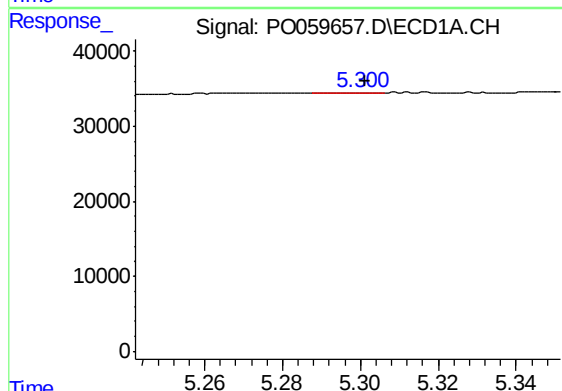
R.T.: 5.569 min
Delta R.T.: 0.000 min
Response: 1132
Conc: 1.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122439BL



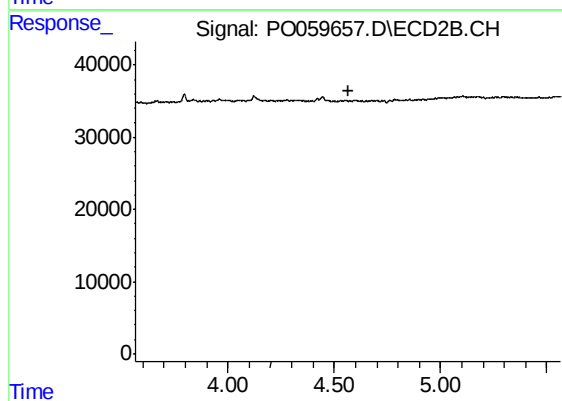
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.004 min
Response: 0
Conc: N.D.



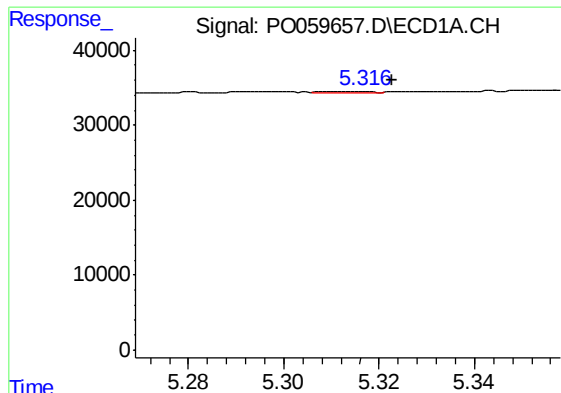
#16 AR-1242-1

R.T.: 5.300 min
Delta R.T.: -0.002 min
Response: 816
Conc: 0.64 ng/ml



#16 AR-1242-1

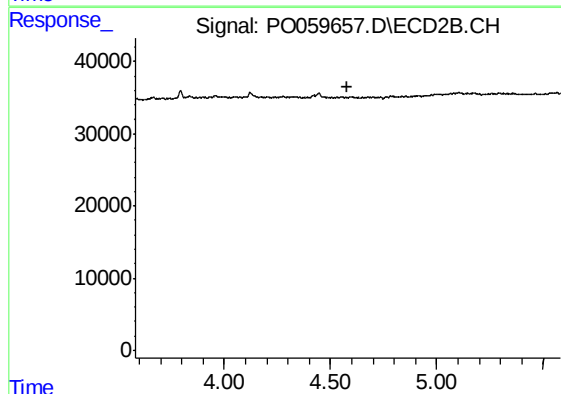
R.T.: 0.000 min
Exp R.T. : 4.564 min
Response: 0
Conc: N.D.



#17 AR-1242-2

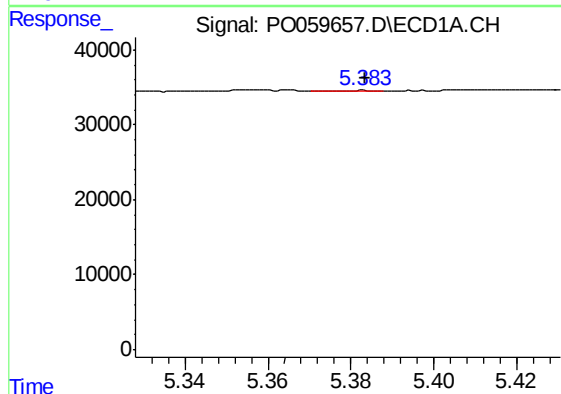
R.T.: 5.316 min
Delta R.T.: -0.006 min
Response: 735
Conc: 0.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122439BL



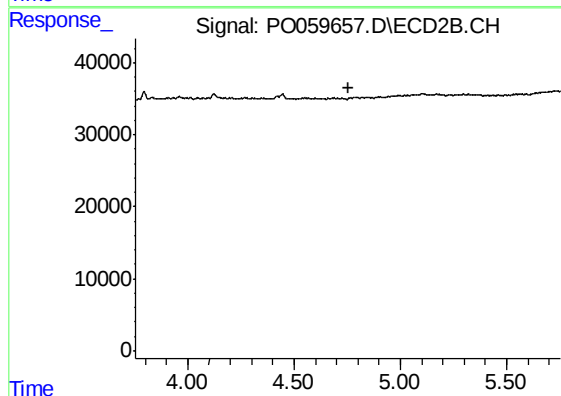
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



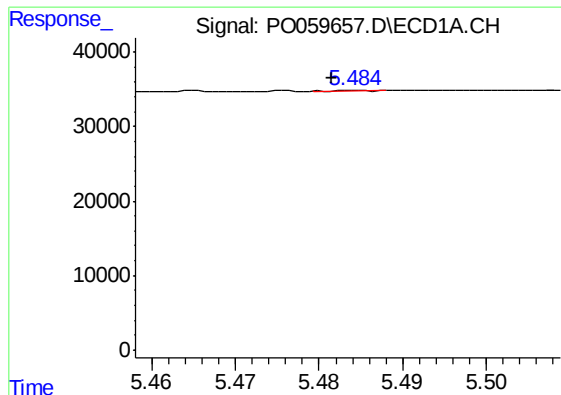
#18 AR-1242-3

R.T.: 5.383 min
Delta R.T.: 0.000 min
Response: 520
Conc: 0.45 ng/ml



#18 AR-1242-3

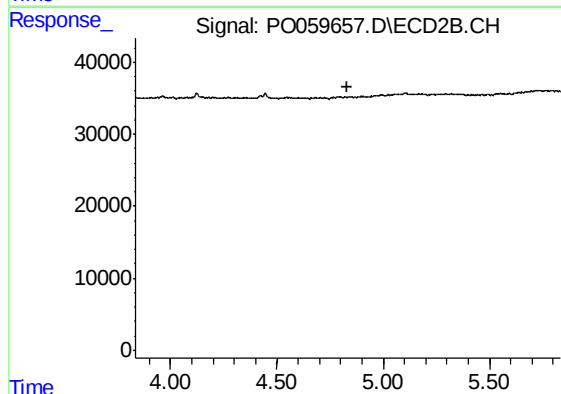
R.T.: 0.000 min
Exp R.T. : 4.754 min
Response: 0
Conc: N.D.



#19 AR-1242-4

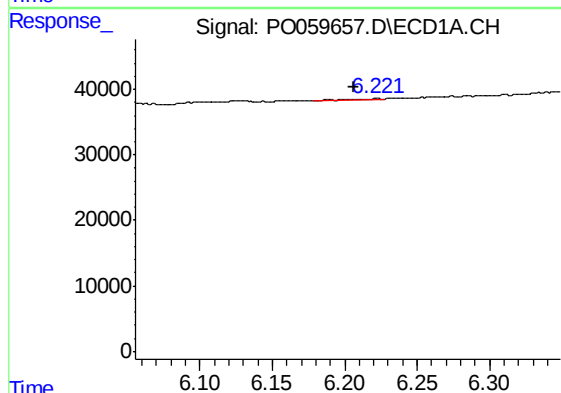
R.T.: 5.485 min
Delta R.T.: 0.003 min
Response: 121
Conc: 0.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122439BL



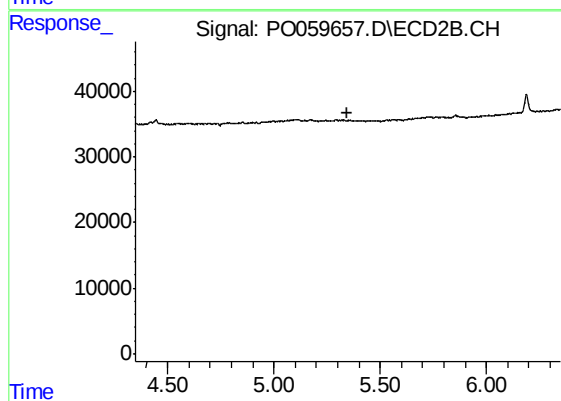
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.834 min
Response: 0
Conc: N.D.



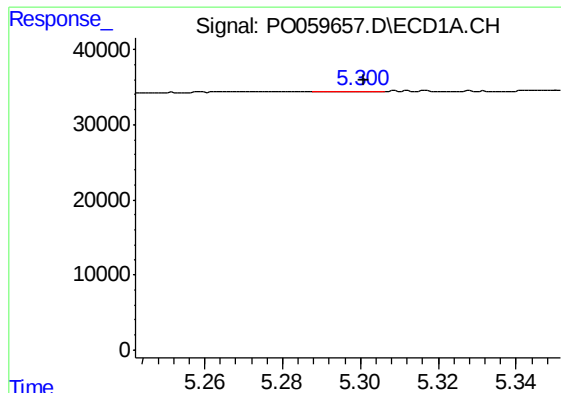
#20 AR-1242-5

R.T.: 6.222 min
Delta R.T.: 0.016 min
Response: 1888
Conc: 1.50 ng/ml



#20 AR-1242-5

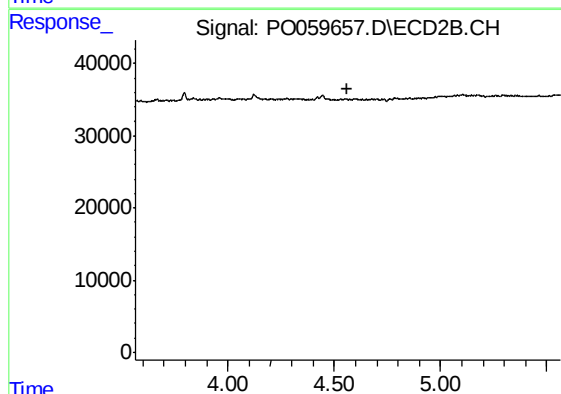
R.T.: 0.000 min
Exp R.T. : 5.348 min
Response: 0
Conc: N.D.



#21 AR-1248-1

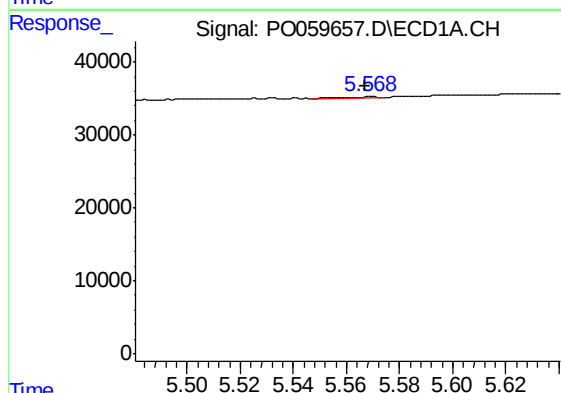
R.T.: 5.300 min
Delta R.T.: -0.001 min
Response: 816
Conc: 0.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122439BL



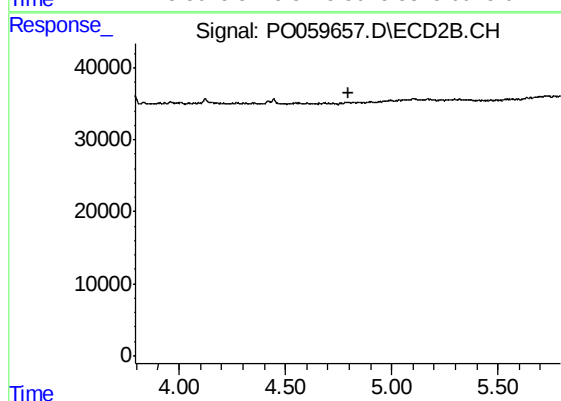
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.564 min
Response: 0
Conc: N.D.



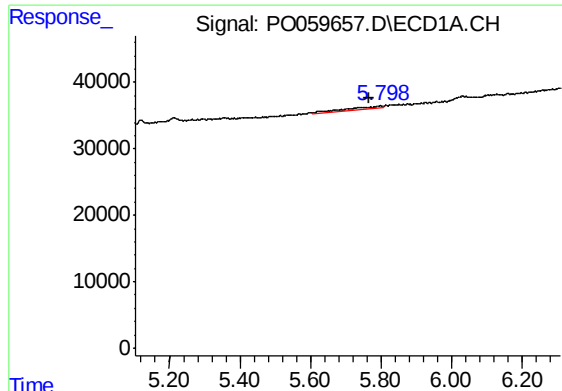
#22 AR-1248-2

R.T.: 5.569 min
Delta R.T.: 0.002 min
Response: 1132
Conc: 0.78 ng/ml



#22 AR-1248-2

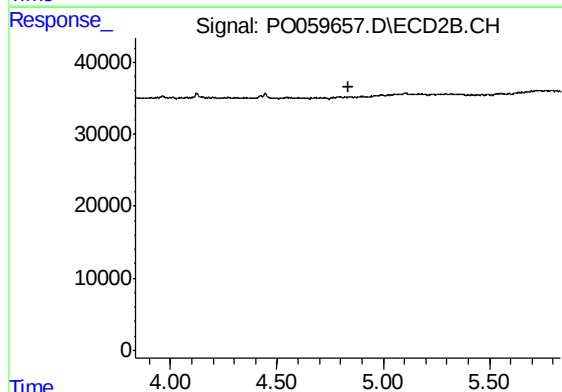
R.T.: 0.000 min
Exp R.T. : 4.794 min
Response: 0
Conc: N.D.



#23 AR-1248-3

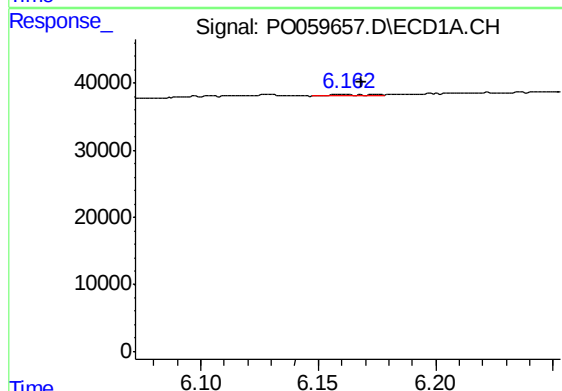
R.T.: 5.799 min
Delta R.T.: 0.031 min
Response: 26231
Conc: 15.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122439BL



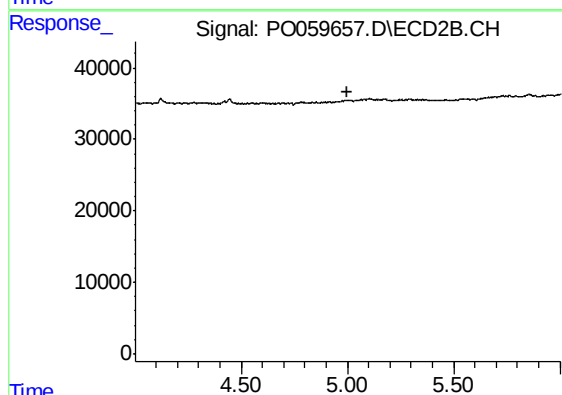
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.835 min
Response: 0
Conc: N.D.



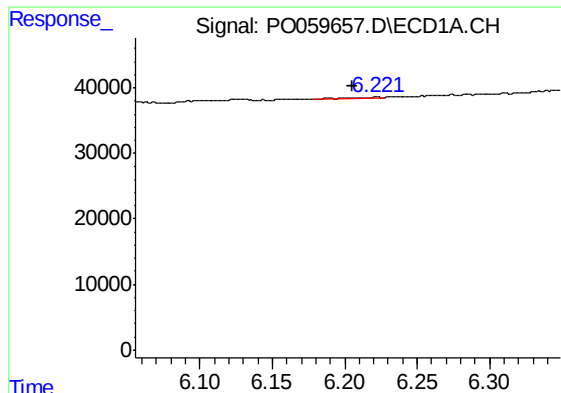
#24 AR-1248-4

R.T.: 6.162 min
Delta R.T.: -0.007 min
Response: 1564
Conc: 0.76 ng/ml



#24 AR-1248-4

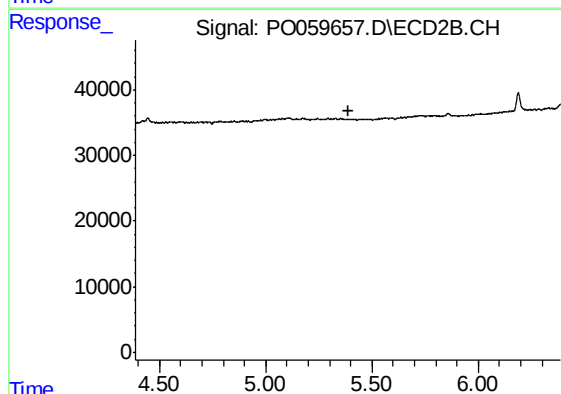
R.T.: 0.000 min
Exp R.T. : 5.003 min
Response: 0
Conc: N.D.



#25 AR-1248-5

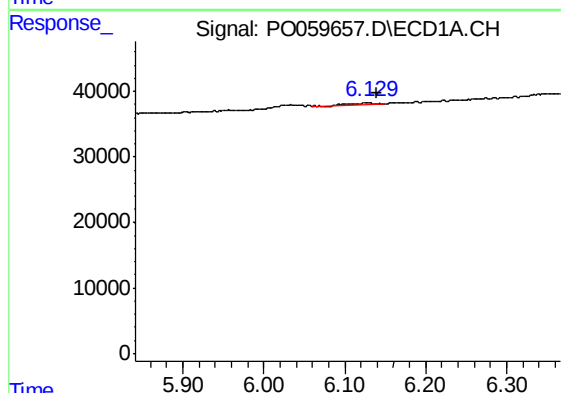
R.T.: 6.222 min
Delta R.T.: 0.017 min
Response: 1888
Conc: 0.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122439BL



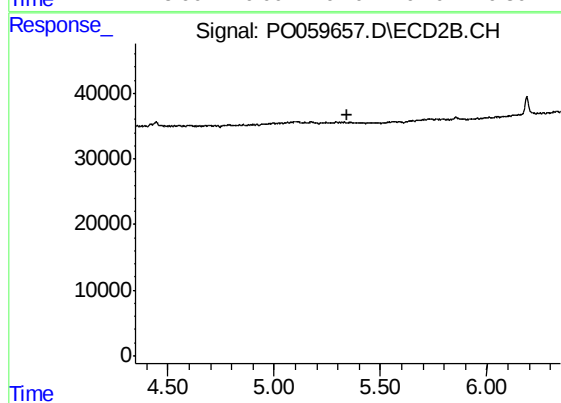
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.387 min
Response: 0
Conc: N.D.



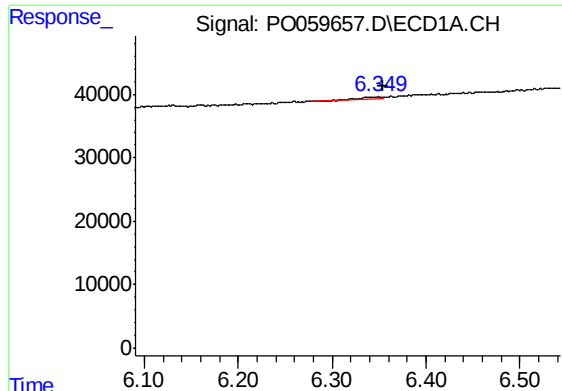
#26 AR-1254-1

R.T.: 6.129 min
Delta R.T.: -0.010 min
Response: 9155
Conc: 4.39 ng/ml



#26 AR-1254-1

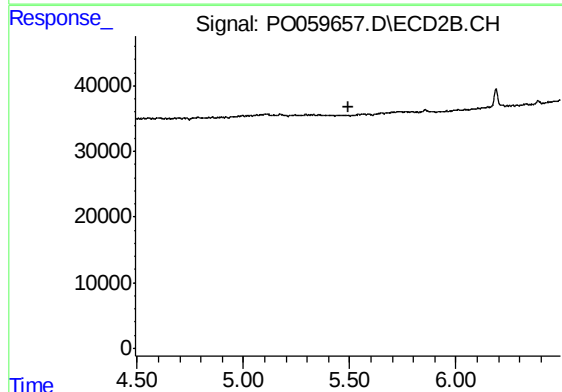
R.T.: 0.000 min
Exp R.T. : 5.346 min
Response: 0
Conc: N.D.



#27 AR-1254-2

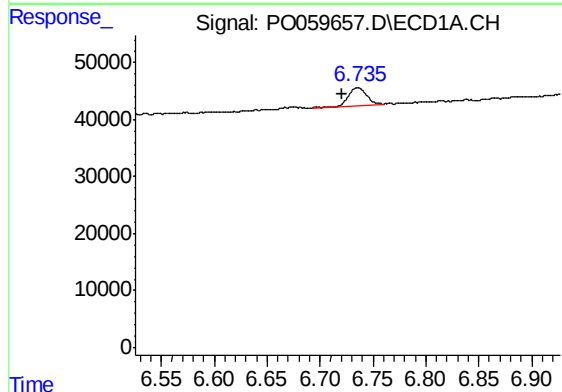
R.T.: 6.350 min
Delta R.T.: -0.005 min
Response: 3562
Conc: 1.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122439BL



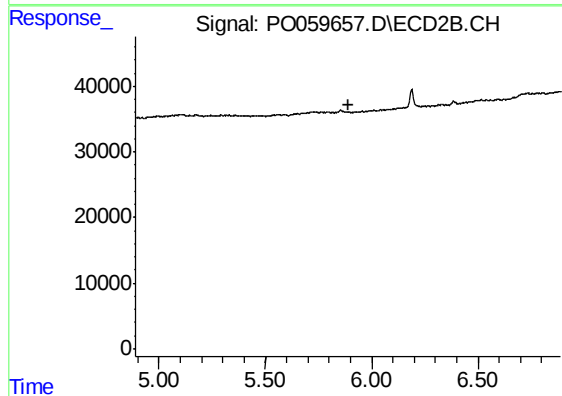
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.492 min
Response: 0
Conc: N.D.



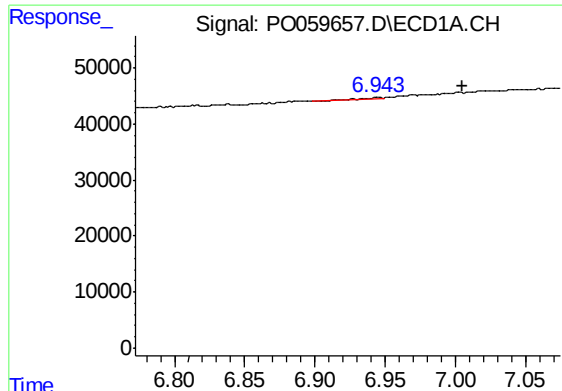
#28 AR-1254-3

R.T.: 6.736 min
Delta R.T.: 0.015 min
Response: 39810
Conc: 11.22 ng/ml



#28 AR-1254-3

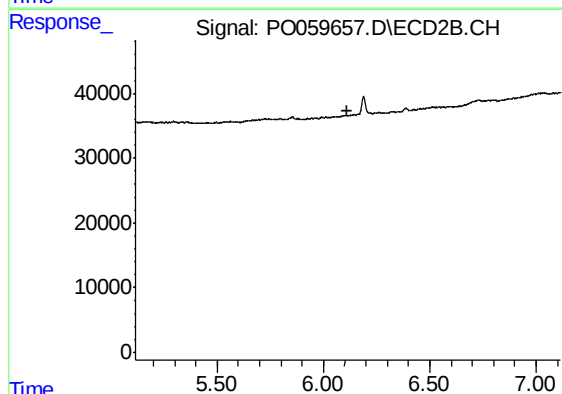
R.T.: 0.000 min
Exp R.T. : 5.889 min
Response: 0
Conc: N.D.



#29 AR-1254-4

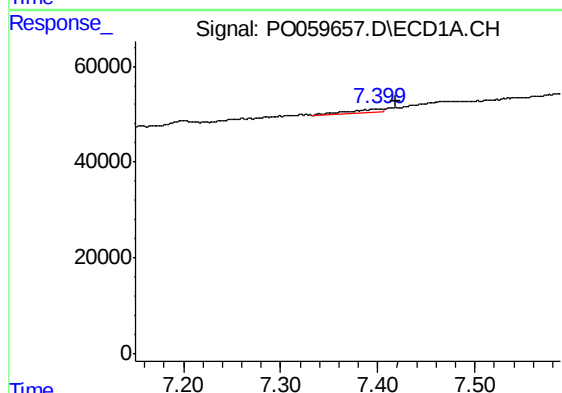
R.T.: 6.944 min
Delta R.T.: -0.060 min
Response: 1450
Conc: 0.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122439BL



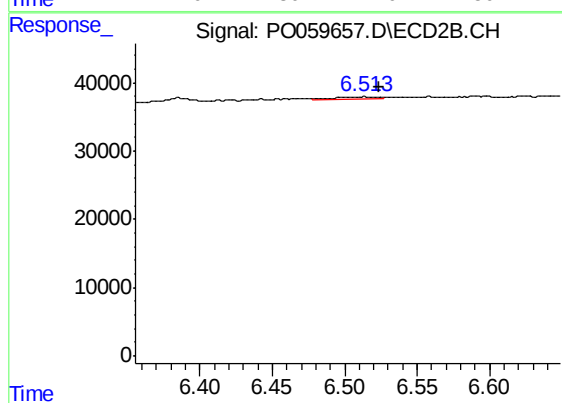
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.115 min
Response: 0
Conc: N.D.



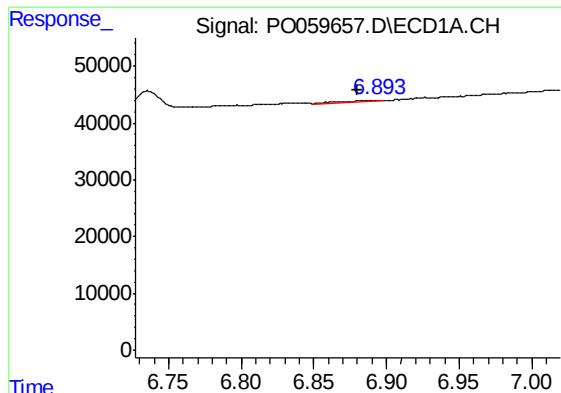
#30 AR-1254-5

R.T.: 7.400 min
Delta R.T.: -0.019 min
Response: 17951
Conc: 5.80 ng/ml



#30 AR-1254-5

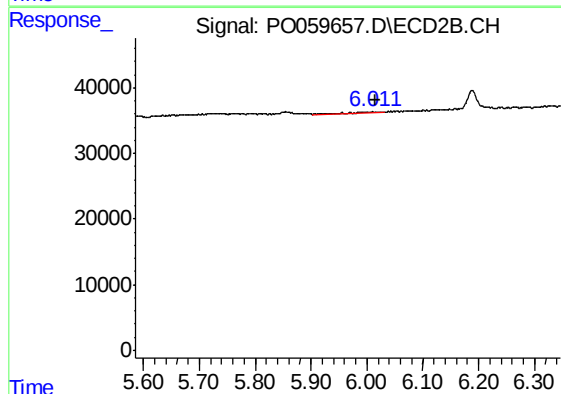
R.T.: 6.514 min
Delta R.T.: -0.010 min
Response: 8728
Conc: 2.81 ng/ml



#31 AR-1260-1

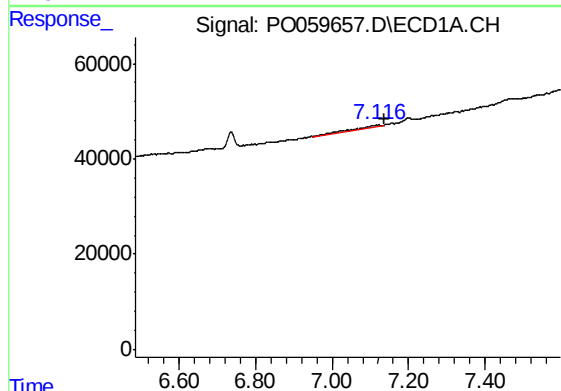
R.T.: 6.893 min
Delta R.T.: 0.014 min
Response: 2743
Conc: 1.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122439BL



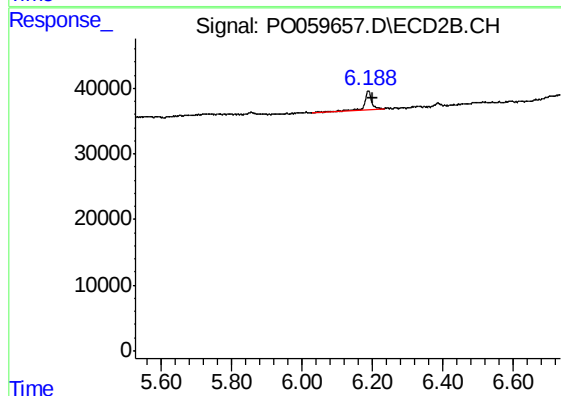
#31 AR-1260-1

R.T.: 6.011 min
Delta R.T.: -0.003 min
Response: 5081
Conc: 2.23 ng/ml



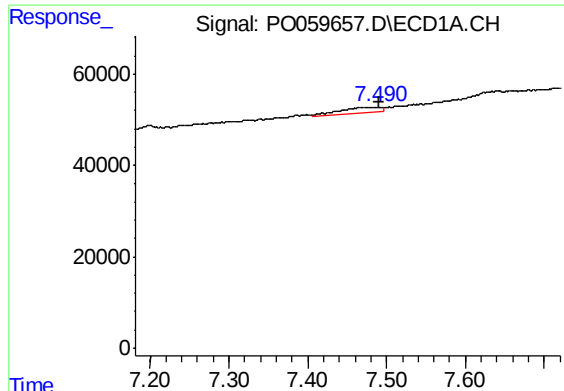
#32 AR-1260-2

R.T.: 7.122 min
Delta R.T.: -0.013 min
Response: 23222
Conc: 6.26 ng/ml



#32 AR-1260-2

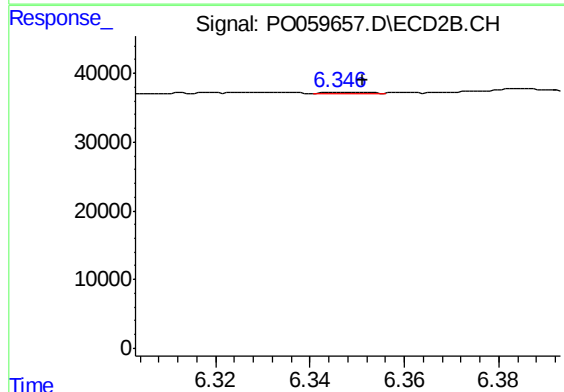
R.T.: 6.188 min
Delta R.T.: -0.014 min
Response: 47012
Conc: 16.05 ng/ml



#33 AR-1260-3

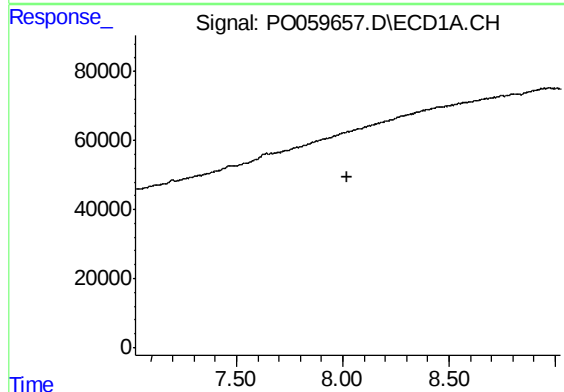
R.T.: 7.489 min
Delta R.T.: -0.001 min
Response: 47855
Conc: 14.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122439BL



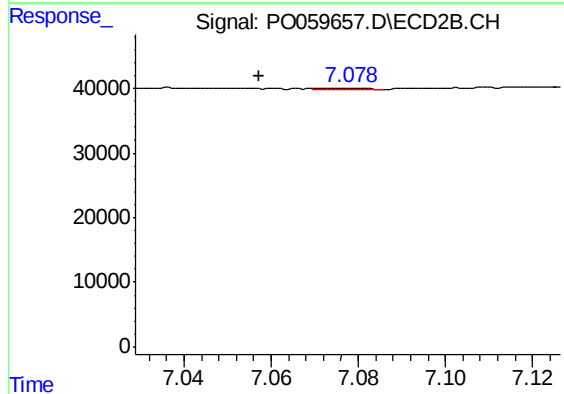
#33 AR-1260-3

R.T.: 6.346 min
Delta R.T.: -0.005 min
Response: 696
Conc: 0.26 ng/ml



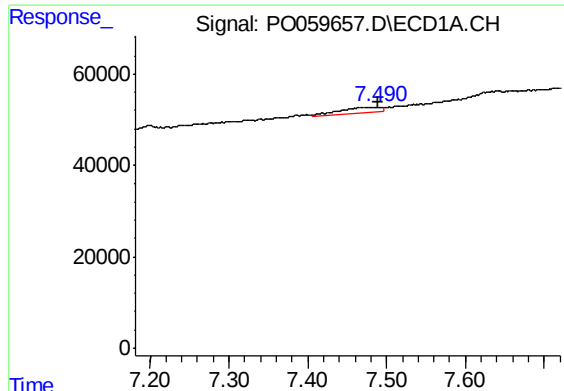
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 8.024 min
Response: 0
Conc: N.D.



#35 AR-1260-5

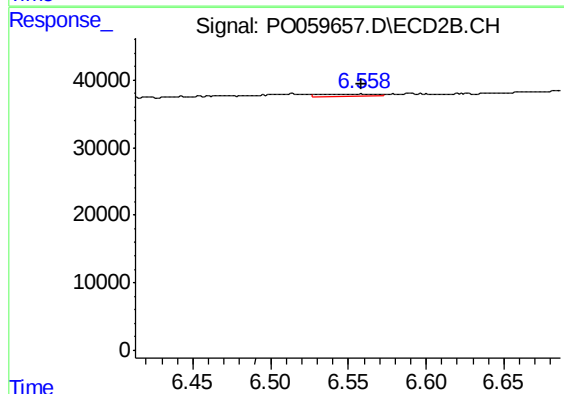
R.T.: 7.077 min
Delta R.T.: 0.020 min
Response: 1144
Conc: 0.21 ng/ml



#36 AR-1262-1

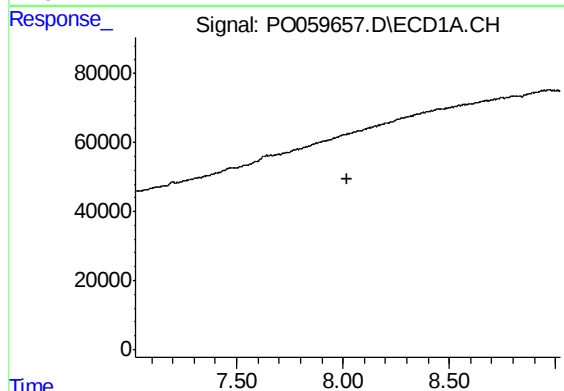
R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 47855
Conc: 9.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122439BL



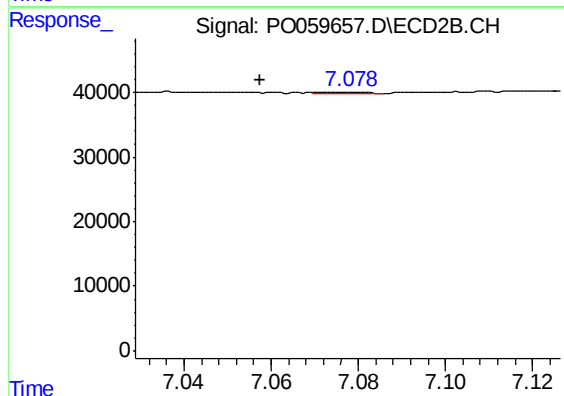
#36 AR-1262-1

R.T.: 6.559 min
Delta R.T.: 0.001 min
Response: 6278
Conc: 1.68 ng/ml



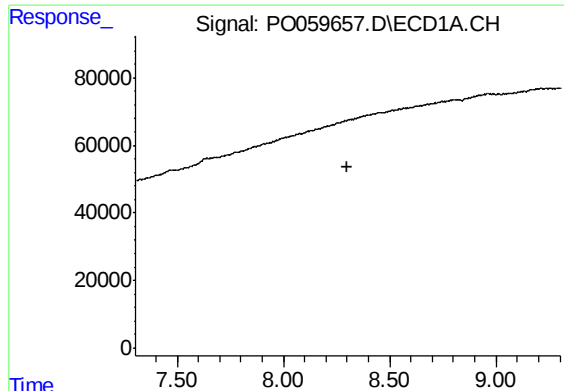
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 8.023 min
Response: 0
Conc: N.D.



#37 AR-1262-2

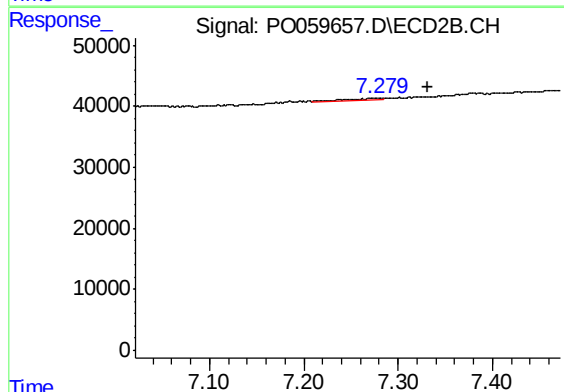
R.T.: 7.077 min
Delta R.T.: 0.020 min
Response: 1144
Conc: 0.19 ng/ml



#38 AR-1262-3

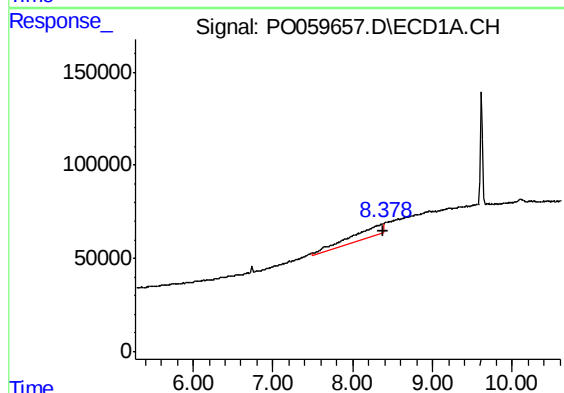
R.T.: 0.000 min
Exp R.T. : 8.303 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB122439BL



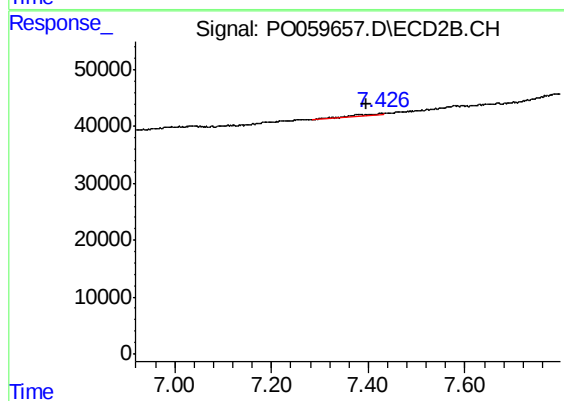
#38 AR-1262-3

R.T.: 7.278 min
Delta R.T.: -0.054 min
Response: 5828
Conc: 2.29 ng/ml



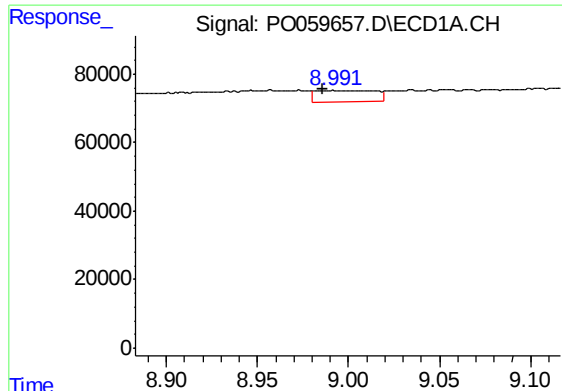
#39 AR-1262-4

R.T.: 8.376 min
Delta R.T.: -0.010 min
Response: 1678785
Conc: 435.51 ng/ml



#39 AR-1262-4

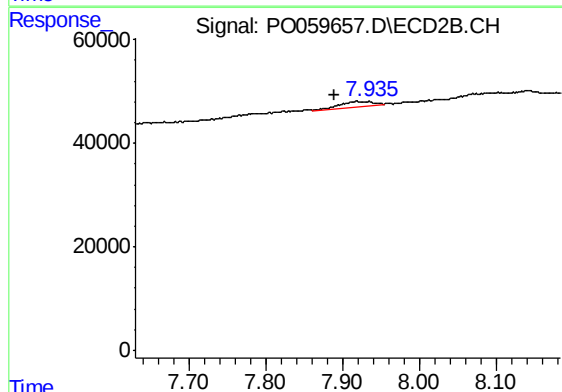
R.T.: 7.427 min
Delta R.T.: 0.029 min
Response: 7553
Conc: 1.71 ng/ml



#40 AR-1262-5

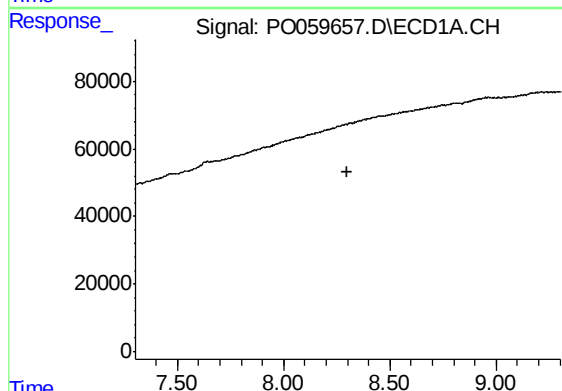
R.T.: 8.991 min
Delta R.T.: 0.005 min
Response: 75329
Conc: 29.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122439BL



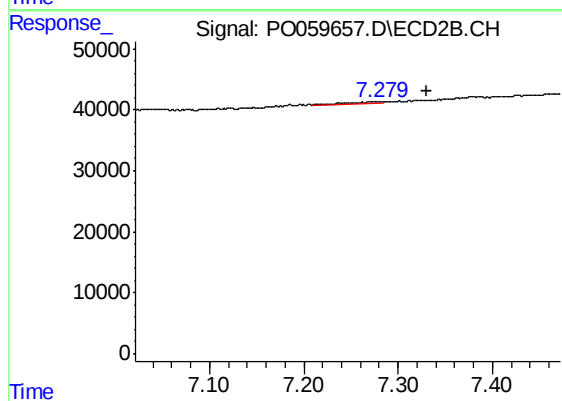
#40 AR-1262-5

R.T.: 7.918 min
Delta R.T.: 0.029 min
Response: 28507
Conc: 15.79 ng/ml



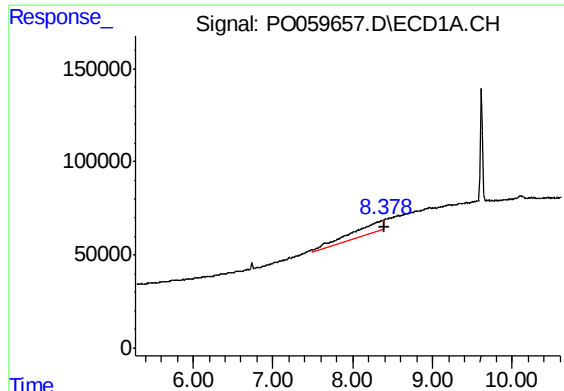
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.302 min
Response: 0
Conc: N.D.



#41 AR-1268-1

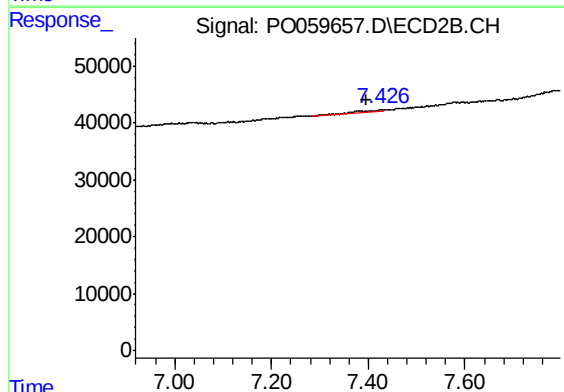
R.T.: 7.278 min
Delta R.T.: -0.052 min
Response: 5828
Conc: 0.82 ng/ml



#42 AR-1268-2

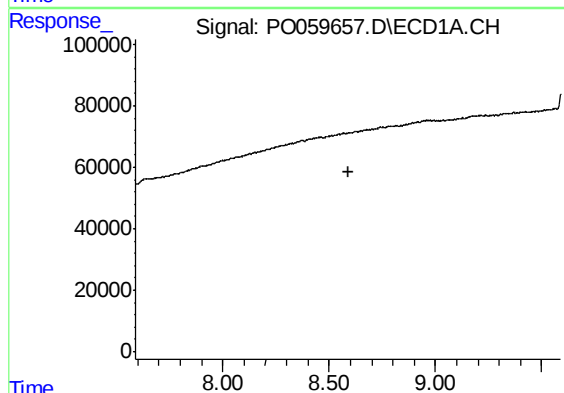
R.T.: 8.376 min
Delta R.T.: -0.014 min
Response: 1678785
Conc: 212.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122439BL



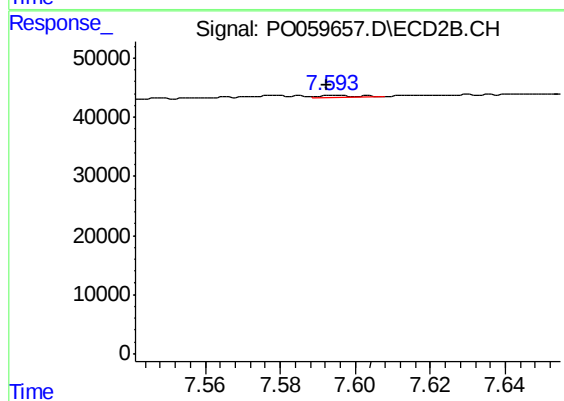
#42 AR-1268-2

R.T.: 7.427 min
Delta R.T.: 0.029 min
Response: 7553
Conc: 1.17 ng/ml



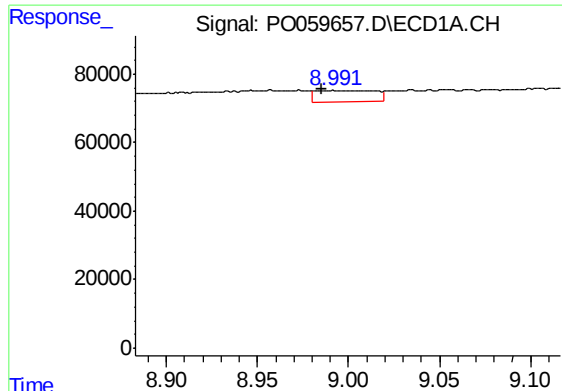
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.589 min
Response: 0
Conc: N.D.



#43 AR-1268-3

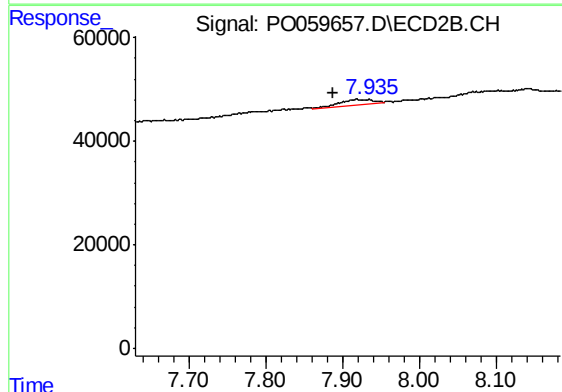
R.T.: 7.594 min
Delta R.T.: 0.002 min
Response: 2813
Conc: 0.51 ng/ml



#44 AR-1268-4

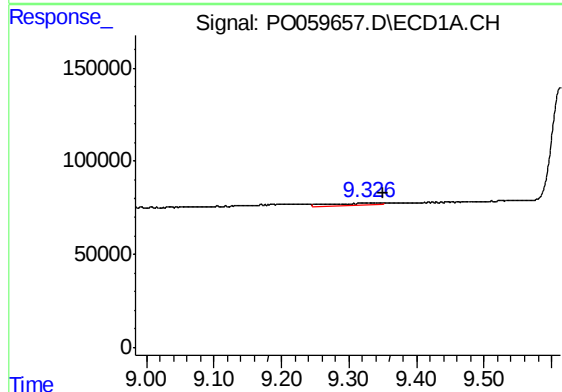
R.T.: 8.991 min
Delta R.T.: 0.006 min
Response: 75329
Conc: 27.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122439BL



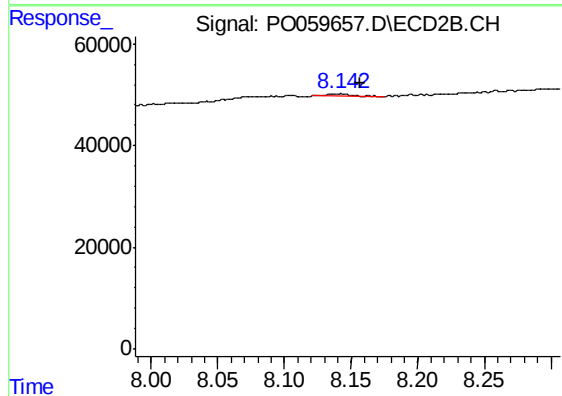
#44 AR-1268-4

R.T.: 7.918 min
Delta R.T.: 0.029 min
Response: 28507
Conc: 13.97 ng/ml



#45 AR-1268-5

R.T.: 9.326 min
Delta R.T.: -0.024 min
Response: 74289
Conc: 4.03 ng/ml



#45 AR-1268-5

R.T.: 8.143 min
Delta R.T.: -0.014 min
Response: 6296
Conc: 0.43 ng/ml