

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0083019\
 Data File : P0060123.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Aug 2019 23:36
 Operator : SM/AJ
 Sample : K4613-07
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-10-D

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 00:01:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 30 18:12:46 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...	4.121	3.495	894727	823583	25.554	22.880
2)	SA Decachlor...	9.577	8.351	931316	726287	17.506	18.013
Target Compounds							
3)	L1 AR-1016-1	5.294	0.000	3390	0	2.114	N.D. #
4)	L1 AR-1016-2	5.294	0.000	3390	0	1.417	N.D. #
5)	L1 AR-1016-3	5.342	0.000	5808	0	3.899	N.D. #
6)	L1 AR-1016-4	5.437	0.000	4565	0	3.773	N.D. #
7)	L1 AR-1016-5	5.714	0.000	381	0	0.297	N.D. #
8)	L2 AR-1221-1	4.389	0.000	1243	0	2.936	N.D. #
9)	L2 AR-1221-2	4.421	0.000	16264	0	50.074	N.D. #
10)	L2 AR-1221-3	4.512	0.000	3492	0	3.319	N.D. #
11)	L3 AR-1232-1	4.512	0.000	3492	0	2.801	N.D. #
12)	L3 AR-1232-2	5.000	0.000	3024	0	4.280	N.D. #
13)	L3 AR-1232-3	5.294	0.000	3390	0	2.214	N.D. #
14)	L3 AR-1232-4	5.536	0.000	2187	0	2.797	N.D. #
15)	L3 AR-1232-5	5.570	0.000	2635	0	4.384	N.D. #
16)	L4 AR-1242-1	5.294	0.000	3390	0	2.670	N.D. #
17)	L4 AR-1242-2	5.294	0.000	3390	0	1.827	N.D. #
18)	L4 AR-1242-3	5.342	0.000	5808	0	4.969	N.D. #
19)	L4 AR-1242-4	5.536	0.000	2187	0	2.260	N.D. #
20)	L4 AR-1242-5	6.230	0.000	1965	0	1.564	N.D. #
21)	L5 AR-1248-1	5.294	0.000	3390	0	3.382	N.D. #
22)	L5 AR-1248-2	5.536	0.000	2187	0	1.507	N.D. #
23)	L5 AR-1248-3	5.703	0.000	463	0	0.278	N.D. #
24)	L5 AR-1248-4	6.148	0.000	1664	0	0.814	N.D. #
25)	L5 AR-1248-5	6.168	0.000	3801	0	1.916	N.D. #
26)	L6 AR-1254-1	6.104	0.000	9710	0	4.654	N.D. #
27)	L6 AR-1254-2	6.321	0.000	10677	0	3.200	N.D. #
28)	L6 AR-1254-3	6.683	0.000	7675	0	2.163	N.D. #
29)	L6 AR-1254-4	6.971	0.000	7787	0	2.644	N.D. #
30)	L6 AR-1254-5	7.381	0.000	12134	0	3.924	N.D. #
31)	L7 AR-1260-1	6.844	0.000	8181	0	3.035	N.D. #
32)	L7 AR-1260-2	7.098	0.000	5777	0	1.557	N.D. #
33)	L7 AR-1260-3	7.449	0.000	11735	0	3.582	N.D. #
34)	L7 AR-1260-4	7.676	0.000	36265	0	11.807	N.D. #
35)	L7 AR-1260-5	7.986	0.000	227966	0	32.194	N.D. #
36)	L8 AR-1262-1	7.449	0.000	11735	0	2.418	N.D. #
37)	L8 AR-1262-2	8.039	0.000	78705	0	10.200	N.D. #
38)	L8 AR-1262-3	8.286	0.000	140086	0	27.456	N.D. #
39)	L8 AR-1262-4	8.344	0.000	114275	0	29.645	N.D. #
40)	L8 AR-1262-5	8.947	0.000	19729	0	7.687	N.D. #
41)	L9 AR-1268-1	8.286	0.000	140086	0	14.886	N.D. #

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 Misc :
 ALS Vial : 46 Sample Multiplier: 1

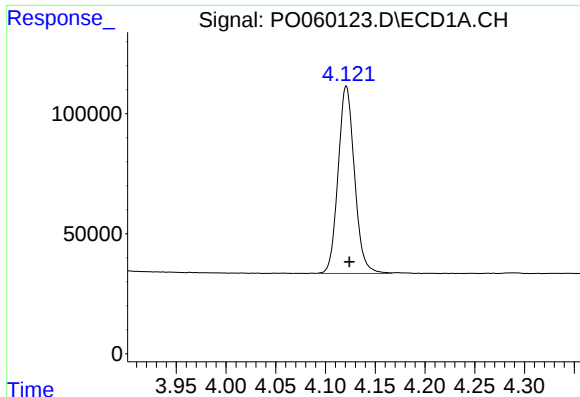
Instrument :
 ECD_O
 ClientSampleId :
 TP-10-D

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
42)	L9 AR-1268-2	8.344	0.000	114275	0	14.497	N.D.	#
43)	L9 AR-1268-3	8.626	0.000	114596	0	16.257	N.D.	#
44)	L9 AR-1268-4	8.947	0.000	19729	0	7.097	N.D.	#

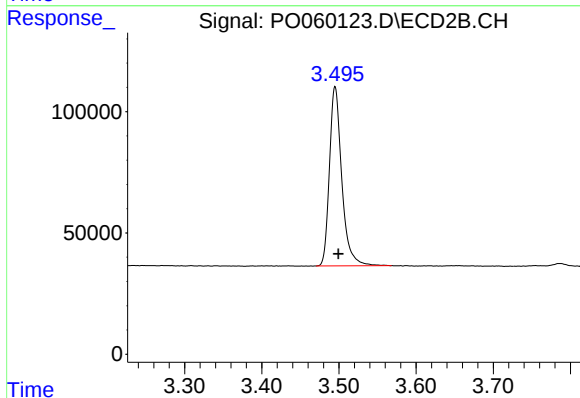
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

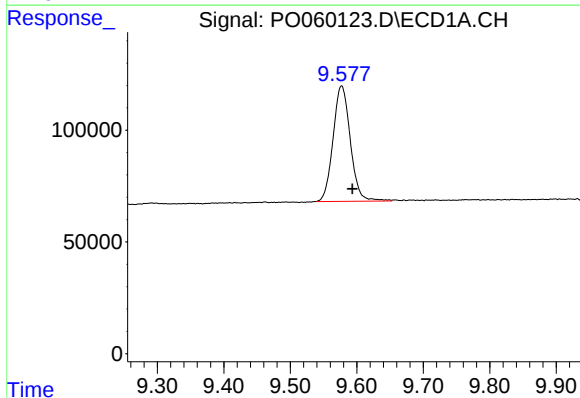
R.T.: 4.121 min
Delta R.T.: -0.003 min
Response: 894727
Conc: 25.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-10-D



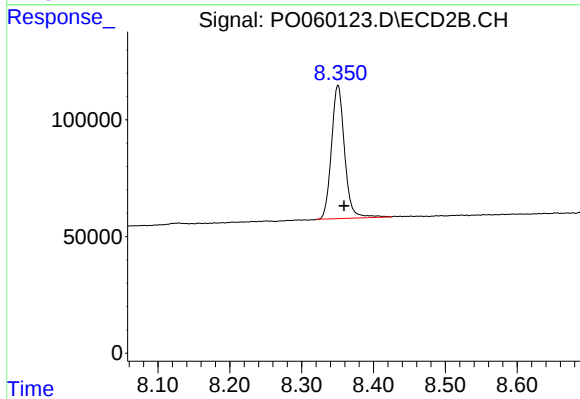
#1 Tetrachloro-m-xylene

R.T.: 3.495 min
Delta R.T.: -0.004 min
Response: 823583
Conc: 22.88 ng/ml



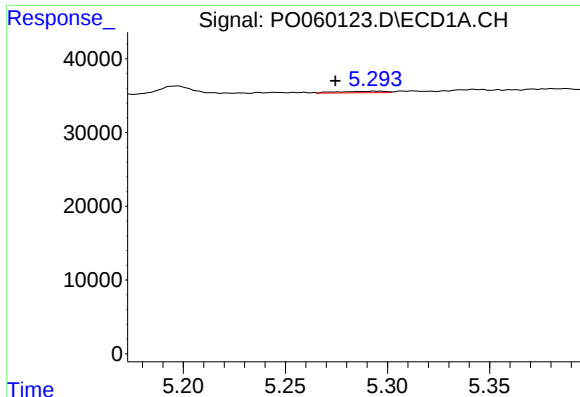
#2 Decachlorobiphenyl

R.T.: 9.577 min
Delta R.T.: -0.016 min
Response: 931316
Conc: 17.51 ng/ml



#2 Decachlorobiphenyl

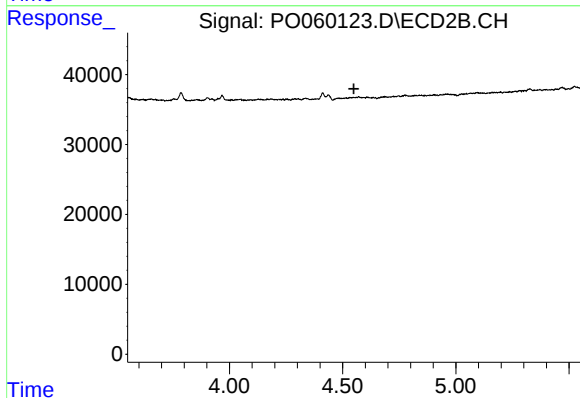
R.T.: 8.351 min
Delta R.T.: -0.008 min
Response: 726287
Conc: 18.01 ng/ml



#3 AR-1016-1

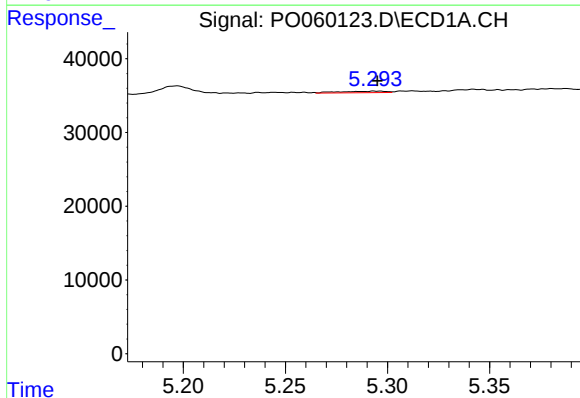
R.T.: 5.294 min
Delta R.T.: 0.020 min
Response: 3390
Conc: 2.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-10-D



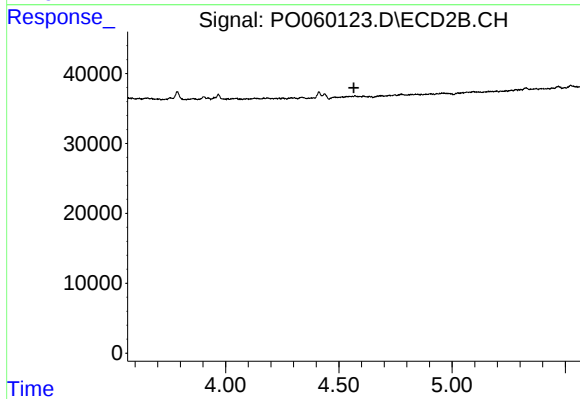
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



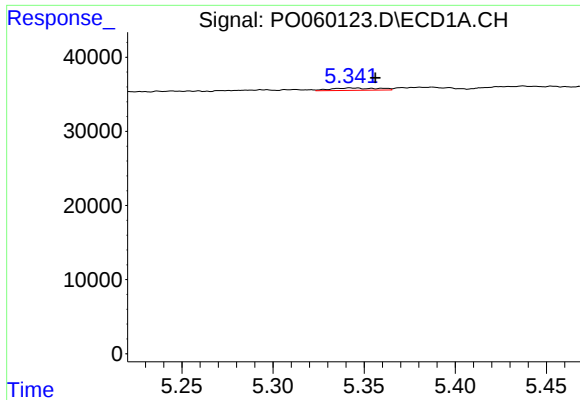
#4 AR-1016-2

R.T.: 5.294 min
Delta R.T.: 0.000 min
Response: 3390
Conc: 1.42 ng/ml



#4 AR-1016-2

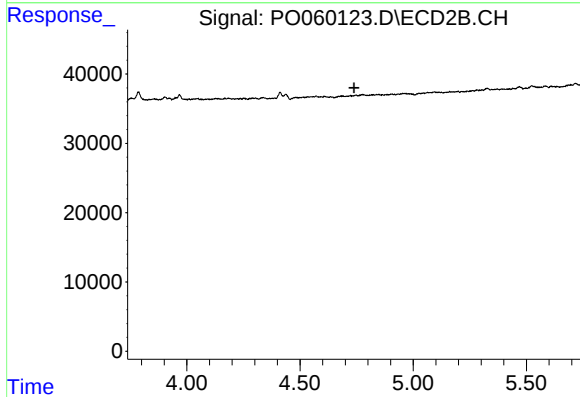
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#5 AR-1016-3

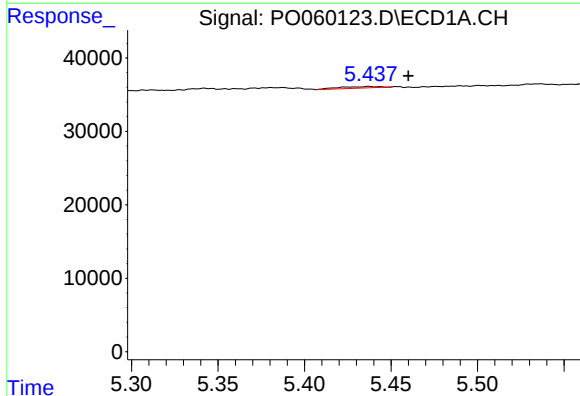
R.T.: 5.342 min
Delta R.T.: -0.014 min
Response: 5808
Conc: 3.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-10-D



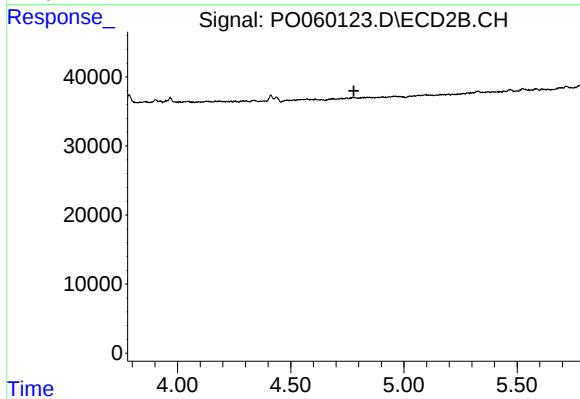
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



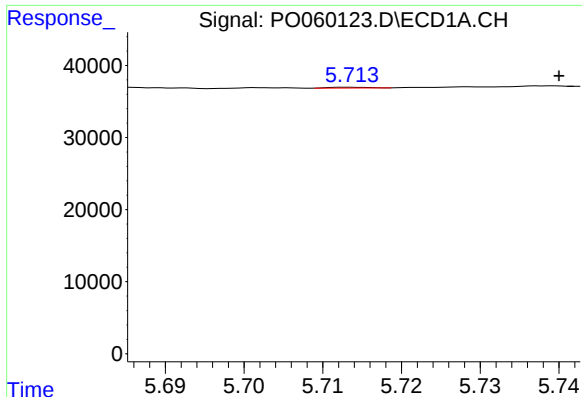
#6 AR-1016-4

R.T.: 5.437 min
Delta R.T.: -0.023 min
Response: 4565
Conc: 3.77 ng/ml



#6 AR-1016-4

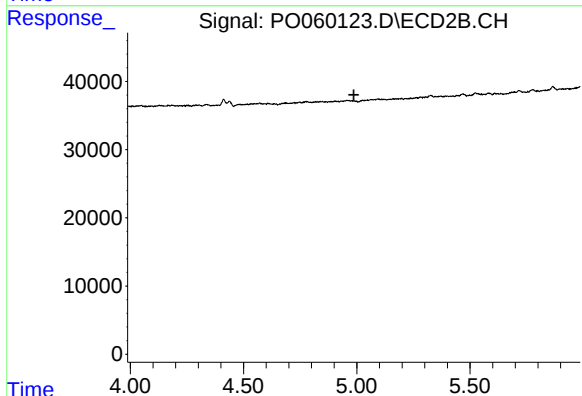
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#7 AR-1016-5

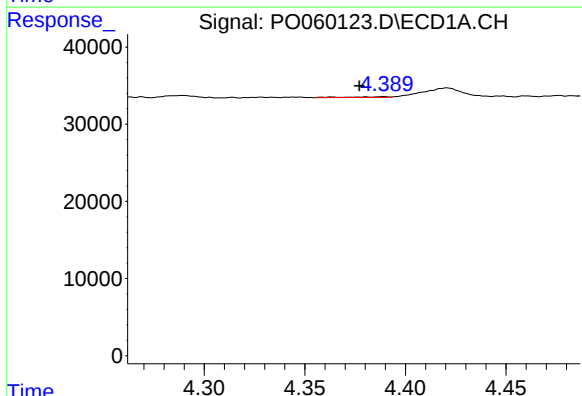
R.T.: 5.714 min
Delta R.T.: -0.026 min
Response: 381
Conc: 0.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-10-D



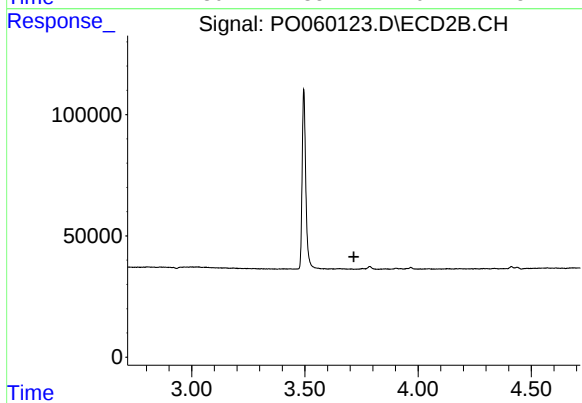
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



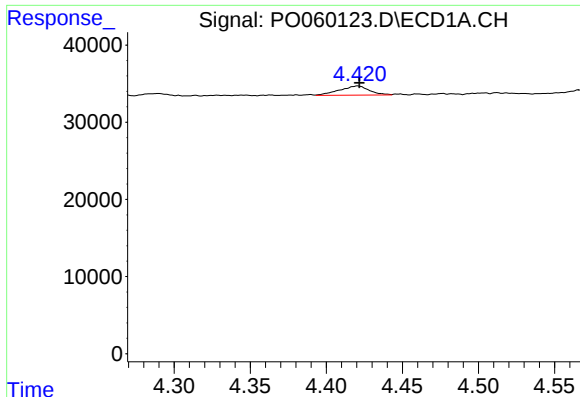
#8 AR-1221-1

R.T.: 4.389 min
Delta R.T.: 0.012 min
Response: 1243
Conc: 2.94 ng/ml



#8 AR-1221-1

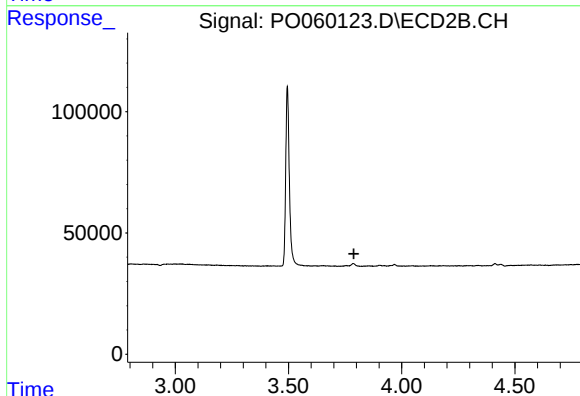
R.T.: 0.000 min
Exp R.T. : 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

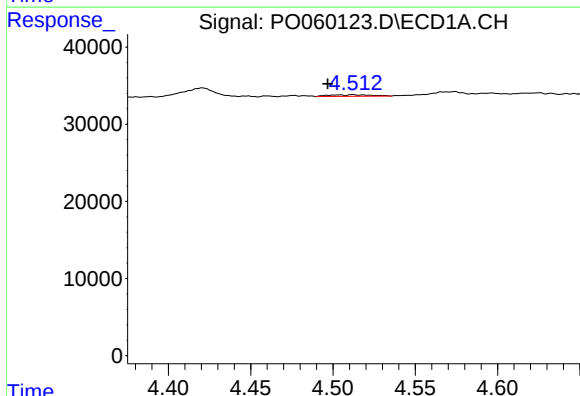
R.T.: 4.421 min
Delta R.T.: -0.001 min
Response: 16264
Conc: 50.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-10-D



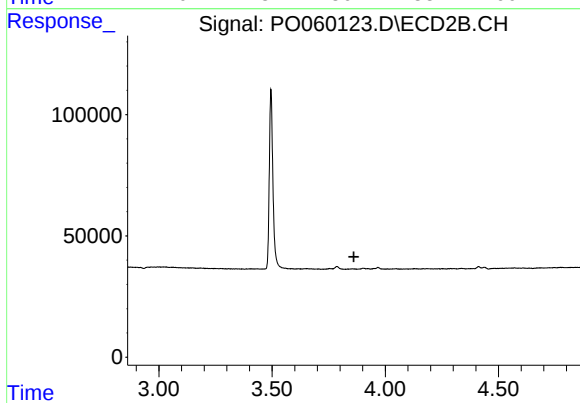
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.789 min
Response: 0
Conc: N.D.



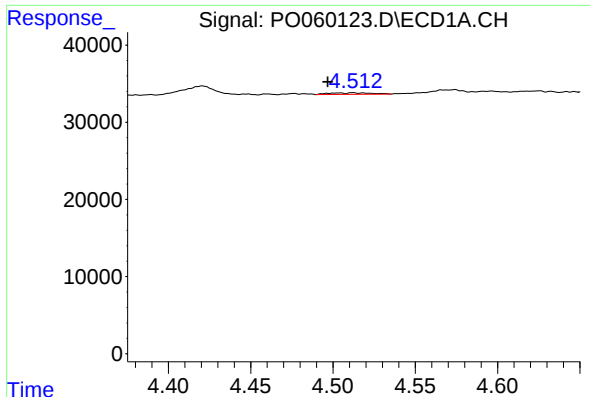
#10 AR-1221-3

R.T.: 4.512 min
Delta R.T.: 0.015 min
Response: 3492
Conc: 3.32 ng/ml



#10 AR-1221-3

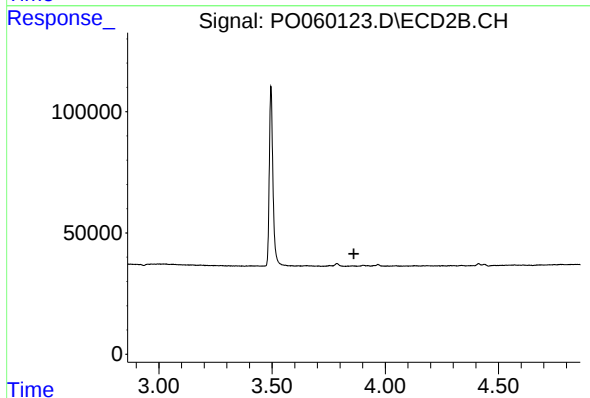
R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



#11 AR-1232-1

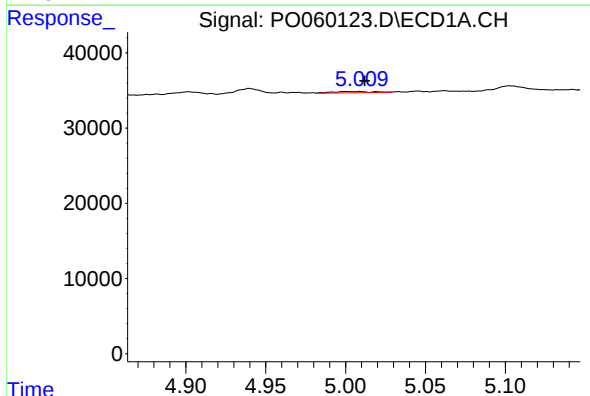
R.T.: 4.512 min
Delta R.T.: 0.015 min
Response: 3492
Conc: 2.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-10-D



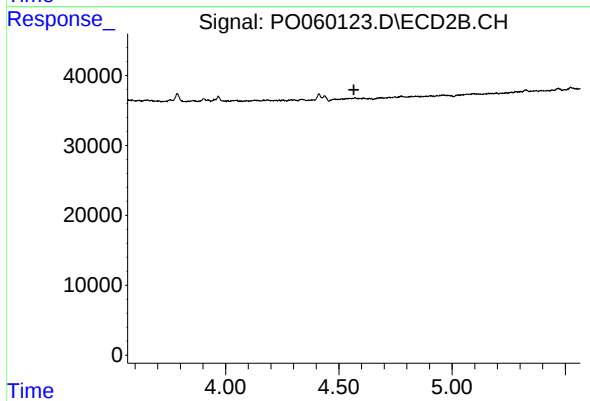
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



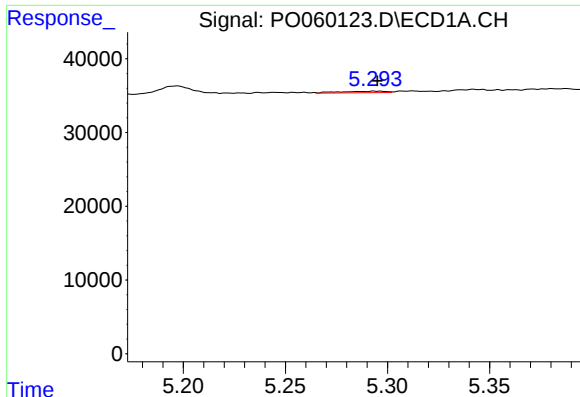
#12 AR-1232-2

R.T.: 5.000 min
Delta R.T.: -0.012 min
Response: 3024
Conc: 4.28 ng/ml



#12 AR-1232-2

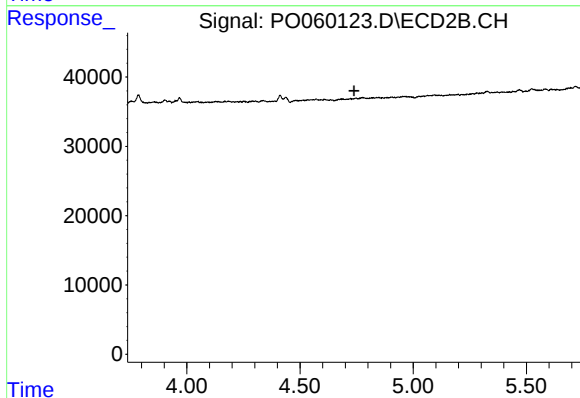
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#13 AR-1232-3

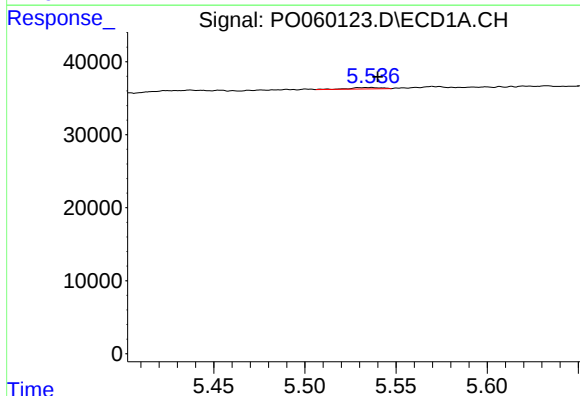
R.T.: 5.294 min
Delta R.T.: 0.000 min
Response: 3390
Conc: 2.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-10-D



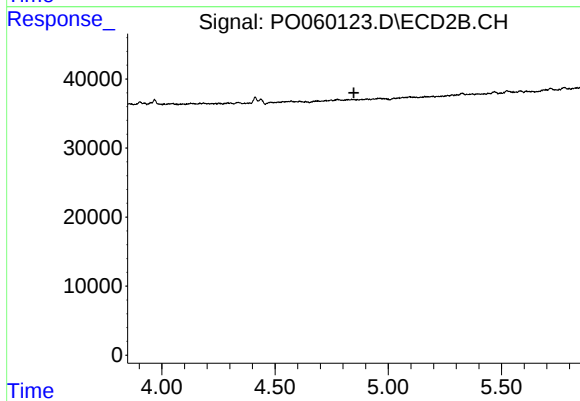
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



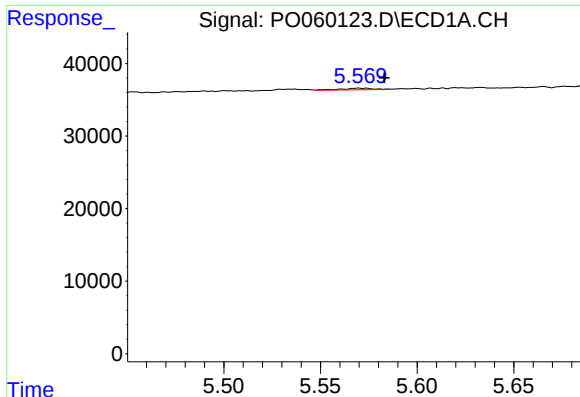
#14 AR-1232-4

R.T.: 5.536 min
Delta R.T.: -0.004 min
Response: 2187
Conc: 2.80 ng/ml



#14 AR-1232-4

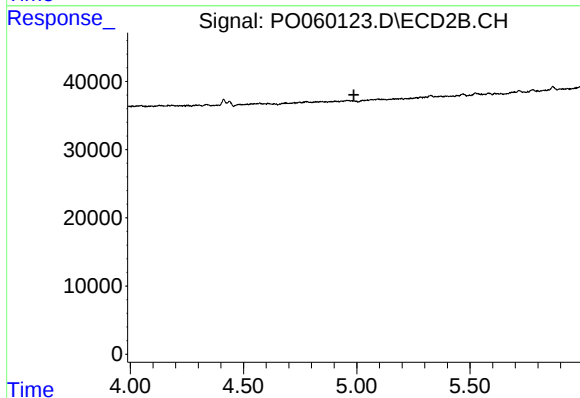
R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



#15 AR-1232-5

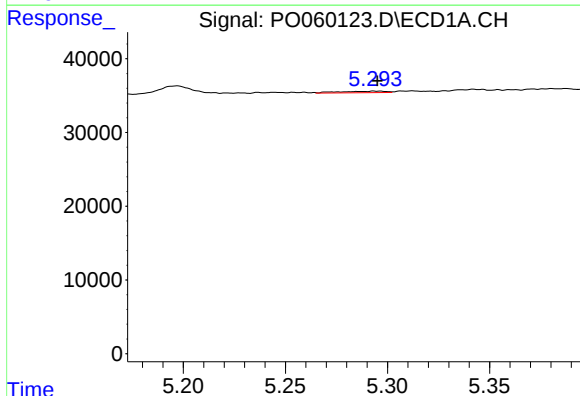
R.T.: 5.570 min
Delta R.T.: -0.013 min
Response: 2635
Conc: 4.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
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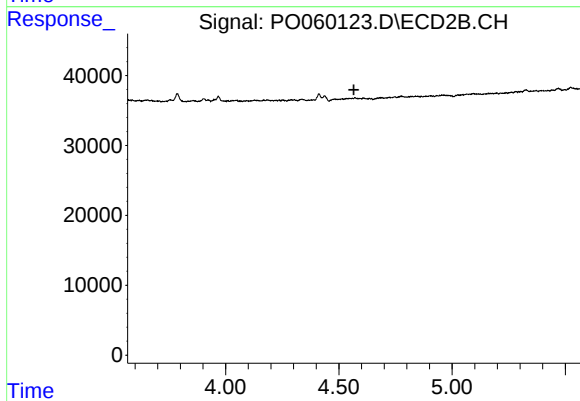
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



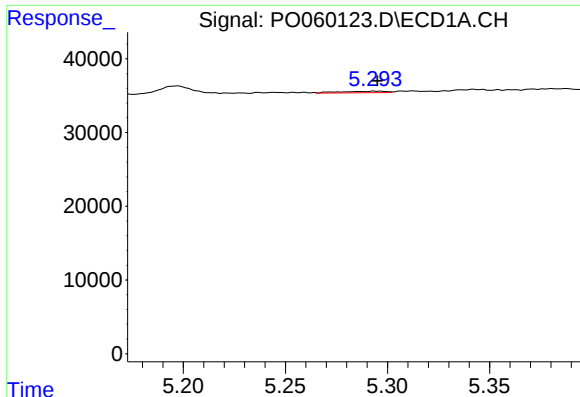
#16 AR-1242-1

R.T.: 5.294 min
Delta R.T.: 0.000 min
Response: 3390
Conc: 2.67 ng/ml



#16 AR-1242-1

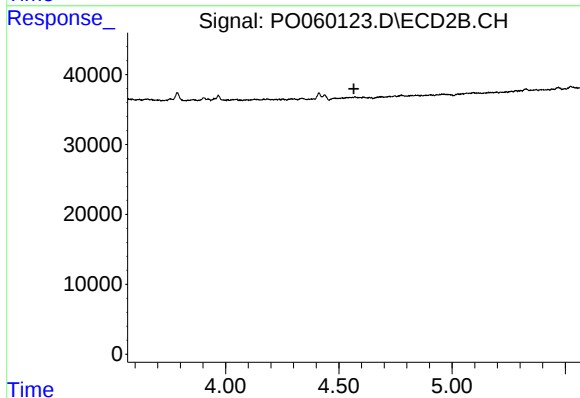
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#17 AR-1242-2

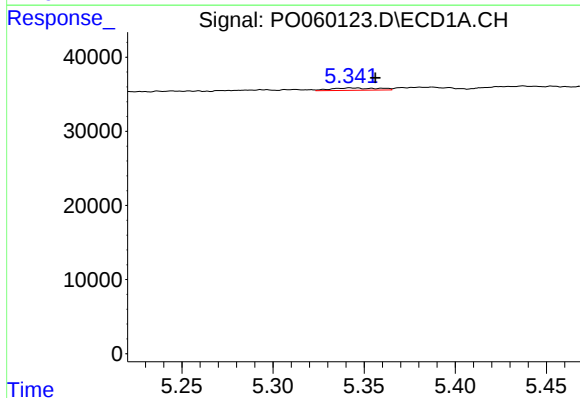
R.T.: 5.294 min
Delta R.T.: 0.000 min
Response: 3390
Conc: 1.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-10-D



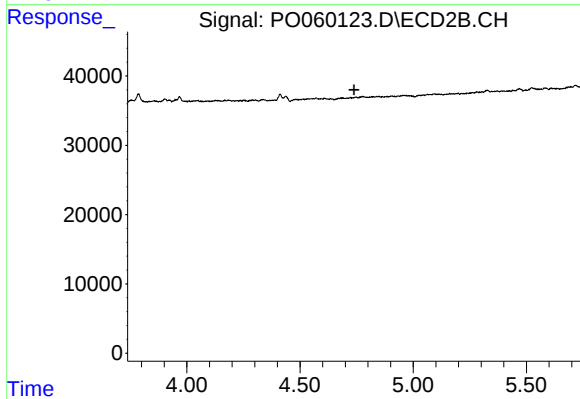
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



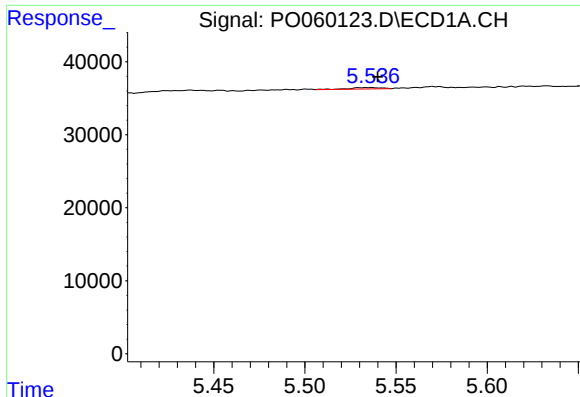
#18 AR-1242-3

R.T.: 5.342 min
Delta R.T.: -0.014 min
Response: 5808
Conc: 4.97 ng/ml



#18 AR-1242-3

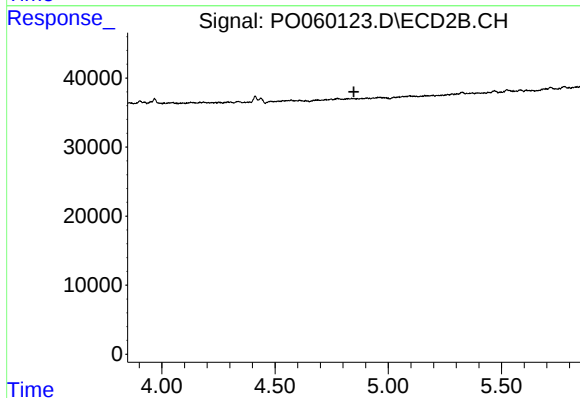
R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



#19 AR-1242-4

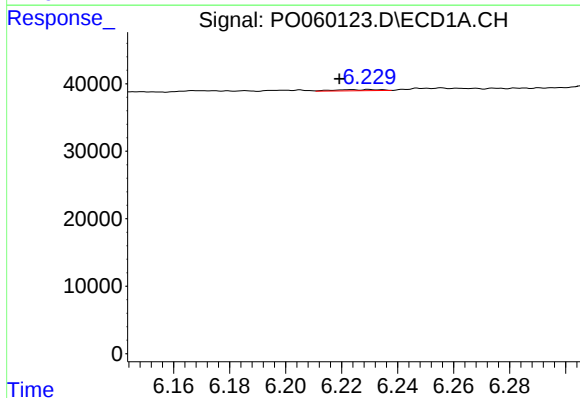
R.T.: 5.536 min
Delta R.T.: -0.004 min
Response: 2187
Conc: 2.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-10-D



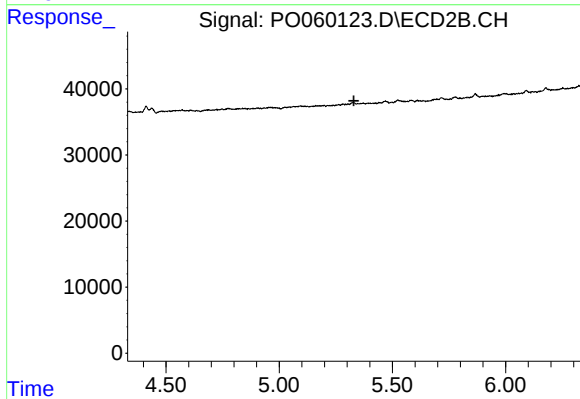
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



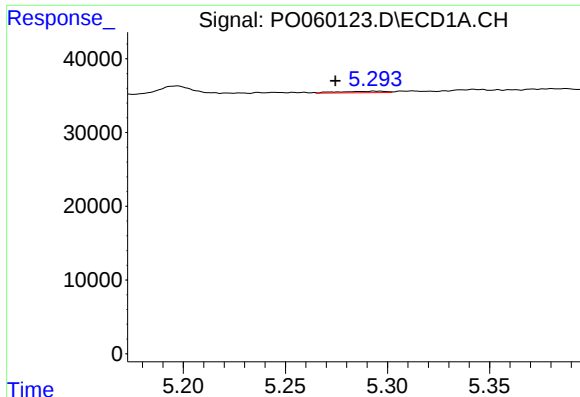
#20 AR-1242-5

R.T.: 6.230 min
Delta R.T.: 0.011 min
Response: 1965
Conc: 1.56 ng/ml



#20 AR-1242-5

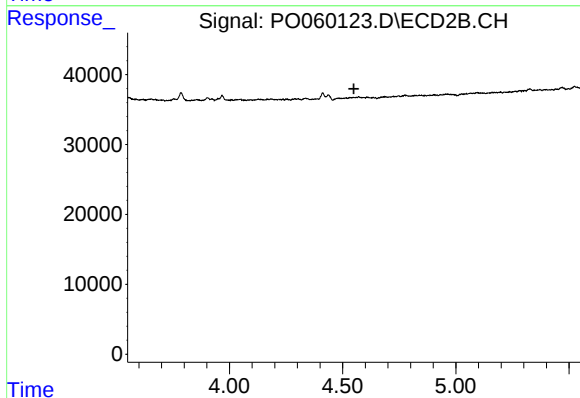
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#21 AR-1248-1

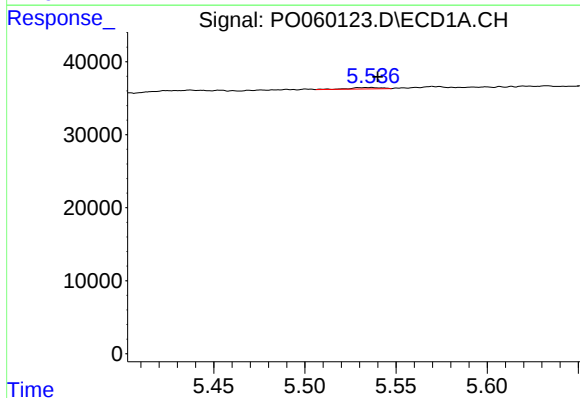
R.T.: 5.294 min
Delta R.T.: 0.020 min
Response: 3390
Conc: 3.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-10-D



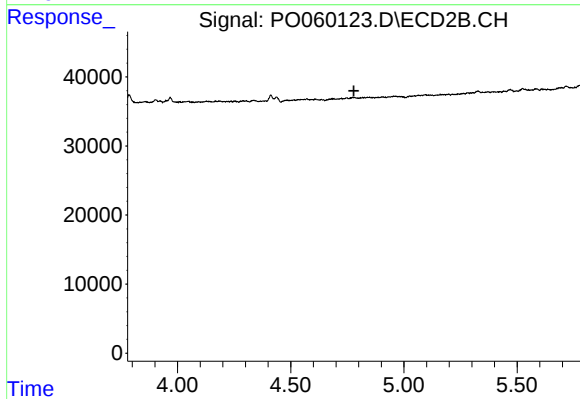
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



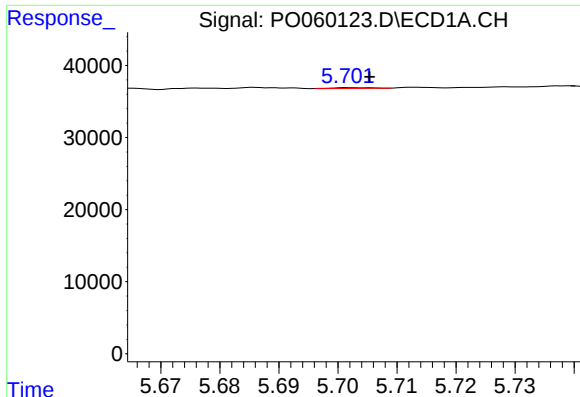
#22 AR-1248-2

R.T.: 5.536 min
Delta R.T.: -0.004 min
Response: 2187
Conc: 1.51 ng/ml



#22 AR-1248-2

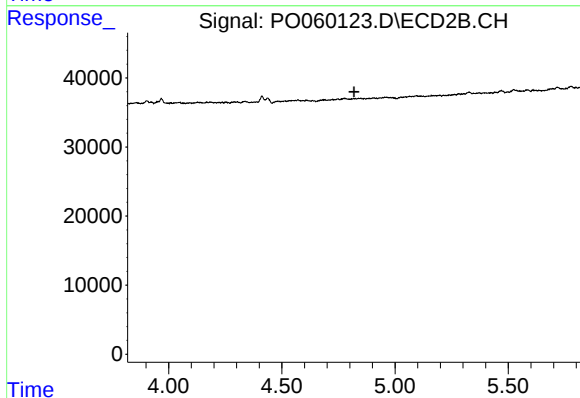
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#23 AR-1248-3

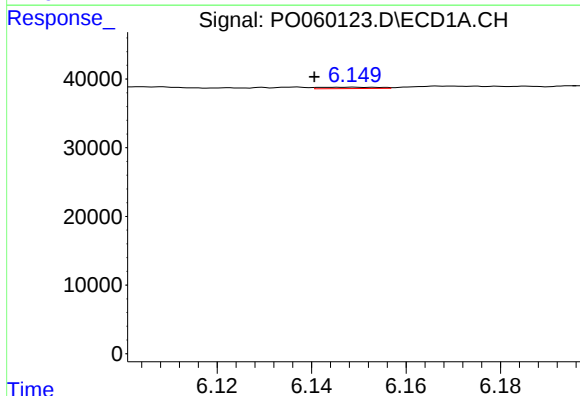
R.T.: 5.703 min
Delta R.T.: -0.003 min
Response: 463
Conc: 0.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-10-D



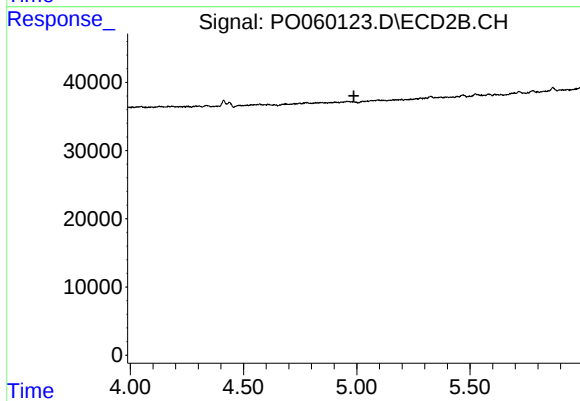
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.819 min
Response: 0
Conc: N.D.



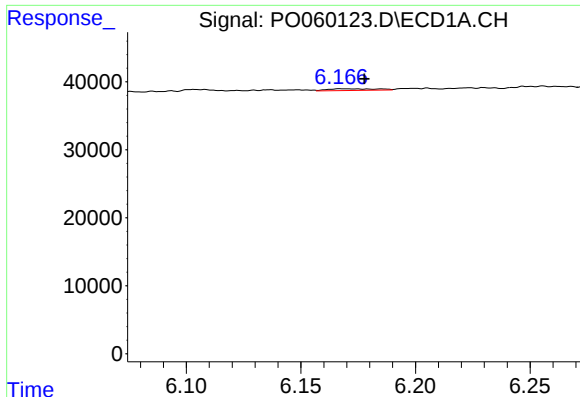
#24 AR-1248-4

R.T.: 6.148 min
Delta R.T.: 0.008 min
Response: 1664
Conc: 0.81 ng/ml



#24 AR-1248-4

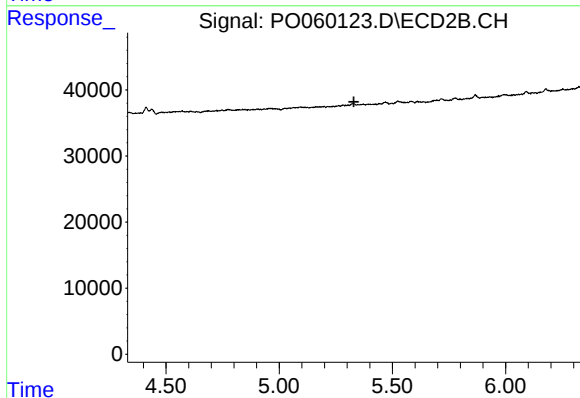
R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



#25 AR-1248-5

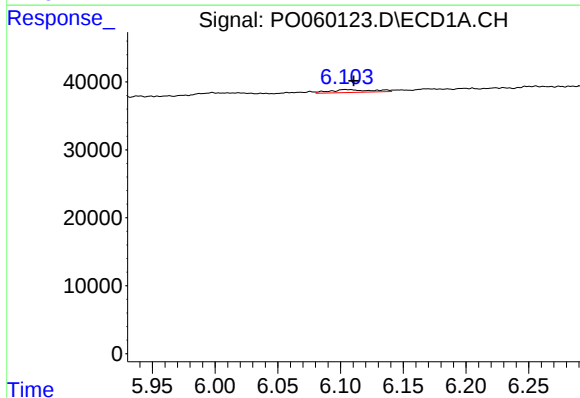
R.T.: 6.168 min
Delta R.T.: -0.010 min
Response: 3801
Conc: 1.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-10-D



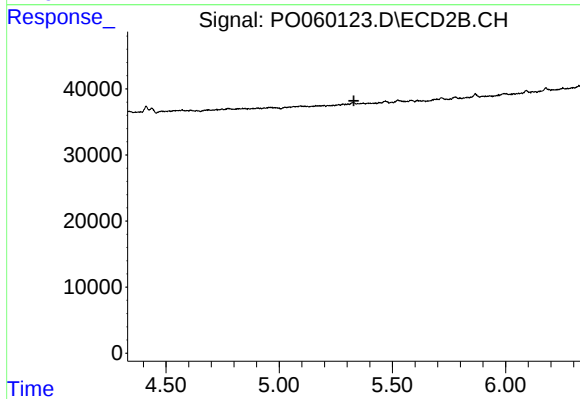
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



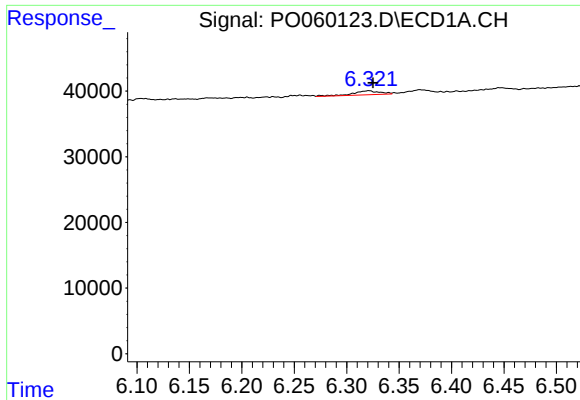
#26 AR-1254-1

R.T.: 6.104 min
Delta R.T.: -0.007 min
Response: 9710
Conc: 4.65 ng/ml



#26 AR-1254-1

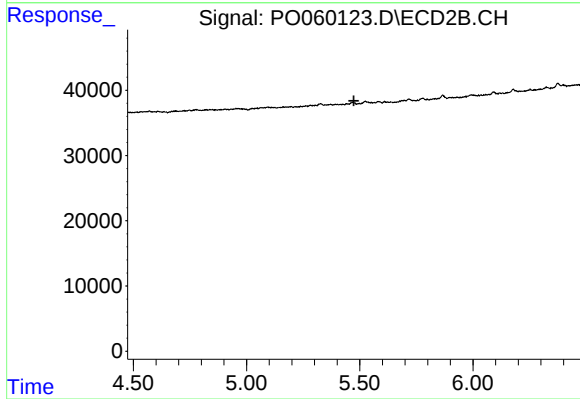
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#27 AR-1254-2

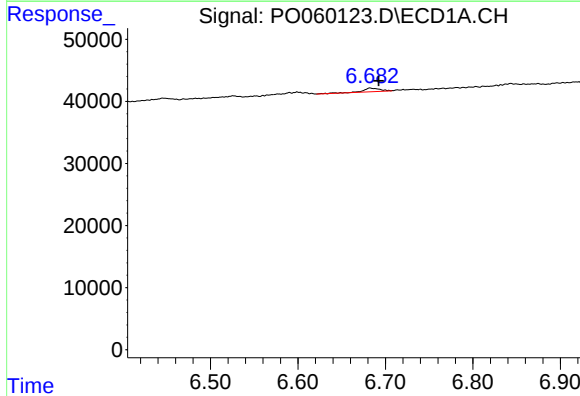
R.T.: 6.321 min
Delta R.T.: -0.004 min
Response: 10677
Conc: 3.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-10-D



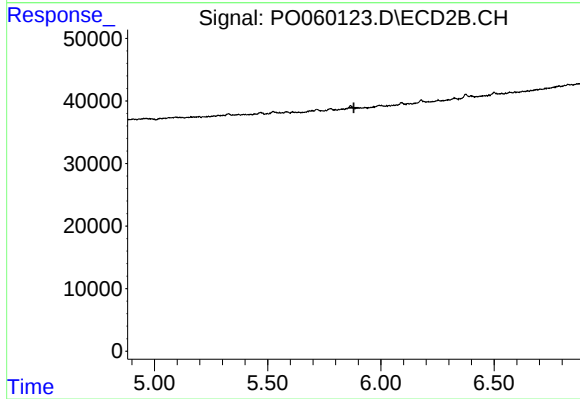
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.474 min
Response: 0
Conc: N.D.



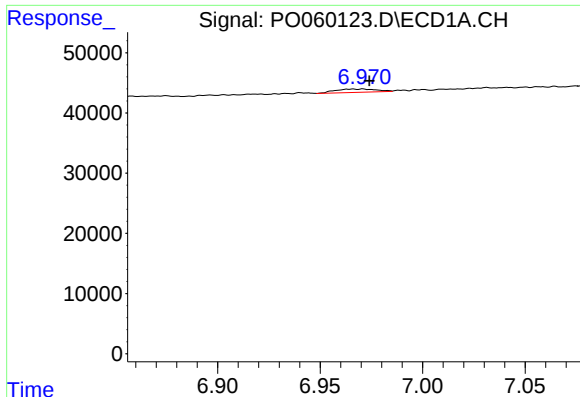
#28 AR-1254-3

R.T.: 6.683 min
Delta R.T.: -0.010 min
Response: 7675
Conc: 2.16 ng/ml



#28 AR-1254-3

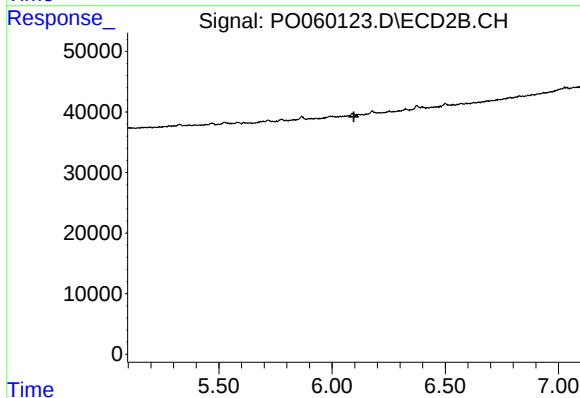
R.T.: 0.000 min
Exp R.T. : 5.881 min
Response: 0
Conc: N.D.



#29 AR-1254-4

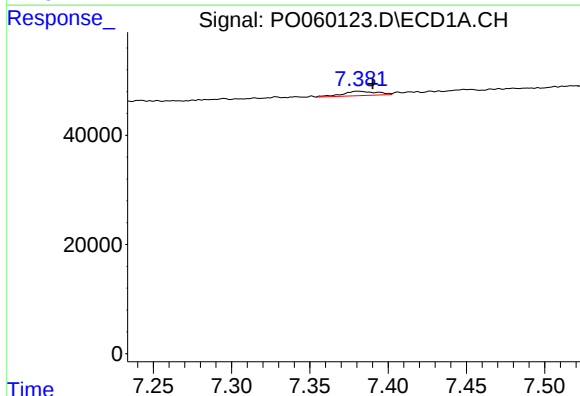
R.T.: 6.971 min
Delta R.T.: -0.003 min
Response: 7787
Conc: 2.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-10-D



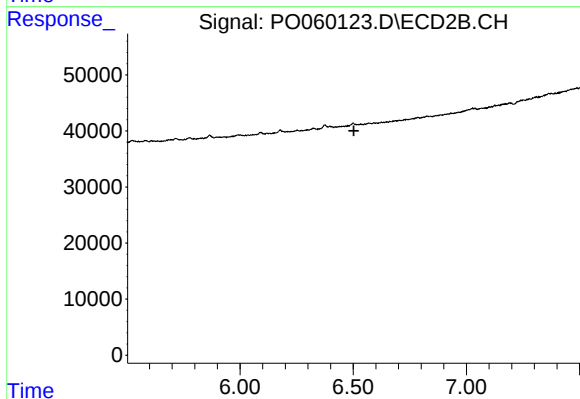
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.097 min
Response: 0
Conc: N.D.



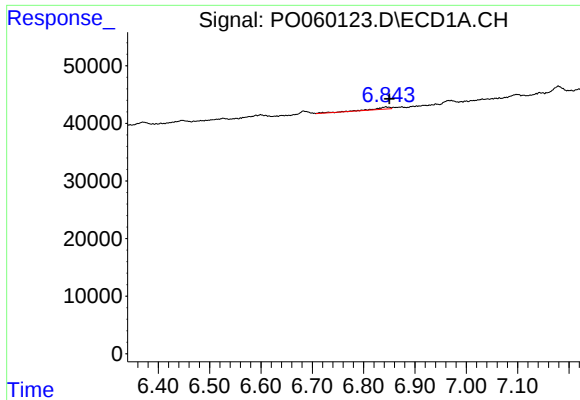
#30 AR-1254-5

R.T.: 7.381 min
Delta R.T.: -0.009 min
Response: 12134
Conc: 3.92 ng/ml



#30 AR-1254-5

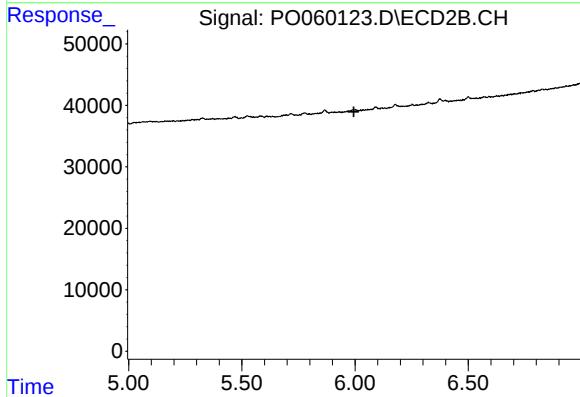
R.T.: 0.000 min
Exp R.T. : 6.503 min
Response: 0
Conc: N.D.



#31 AR-1260-1

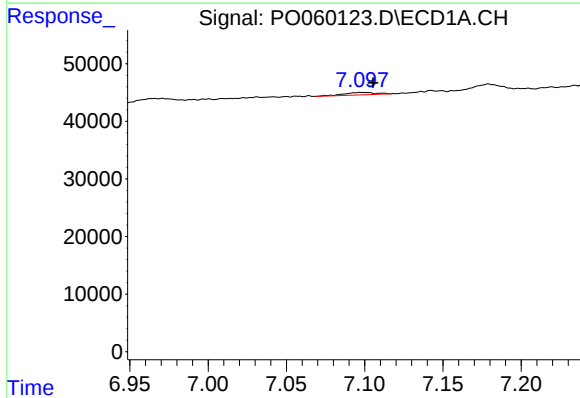
R.T.: 6.844 min
Delta R.T.: -0.006 min
Response: 8181
Conc: 3.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-10-D



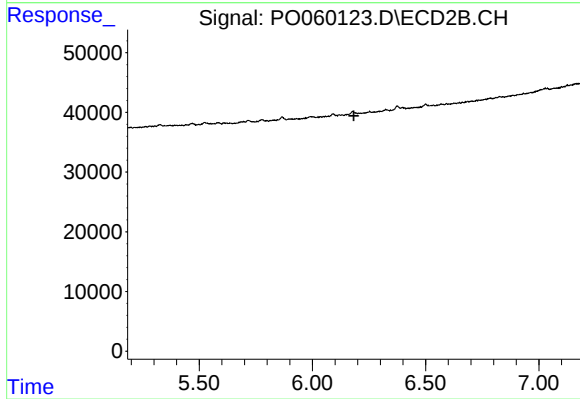
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 5.995 min
Response: 0
Conc: N.D.



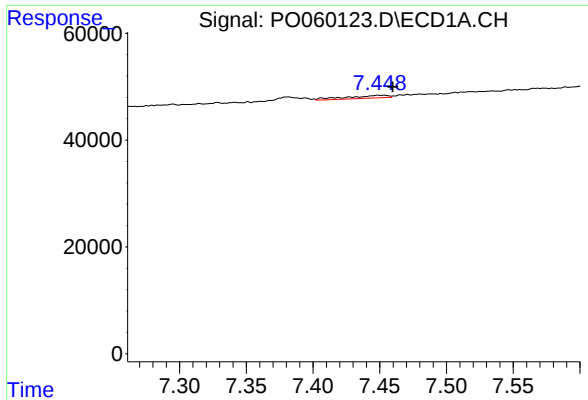
#32 AR-1260-2

R.T.: 7.098 min
Delta R.T.: -0.007 min
Response: 5777
Conc: 1.56 ng/ml



#32 AR-1260-2

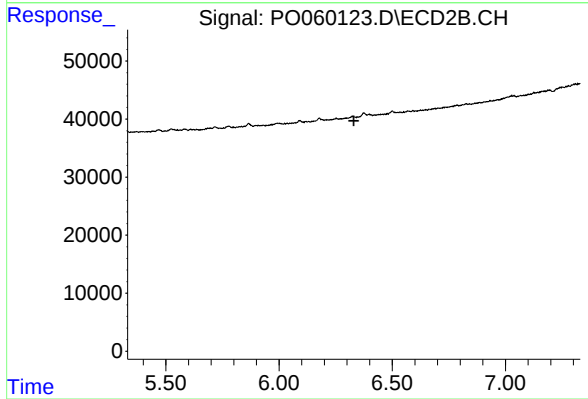
R.T.: 0.000 min
Exp R.T. : 6.183 min
Response: 0
Conc: N.D.



#33 AR-1260-3

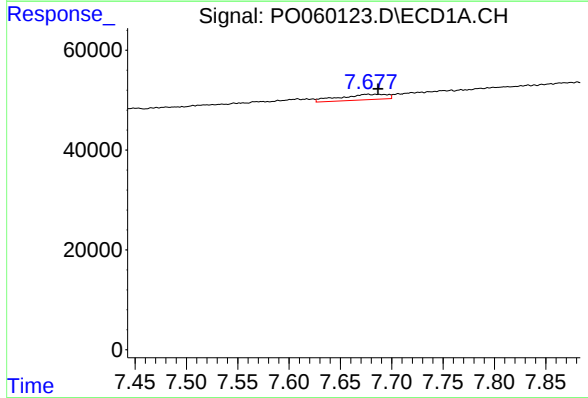
R.T.: 7.449 min
Delta R.T.: -0.010 min
Response: 11735
Conc: 3.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-10-D



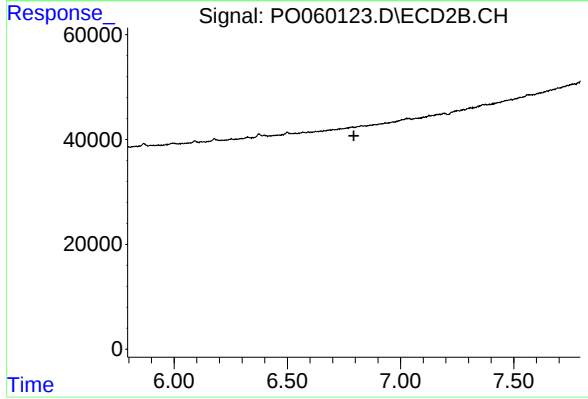
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.331 min
Response: 0
Conc: N.D.



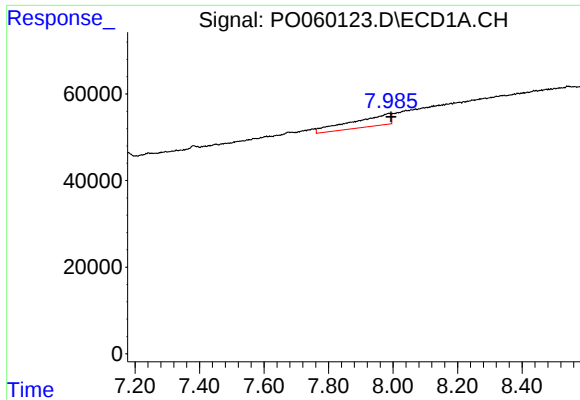
#34 AR-1260-4

R.T.: 7.676 min
Delta R.T.: -0.010 min
Response: 36265
Conc: 11.81 ng/ml



#34 AR-1260-4

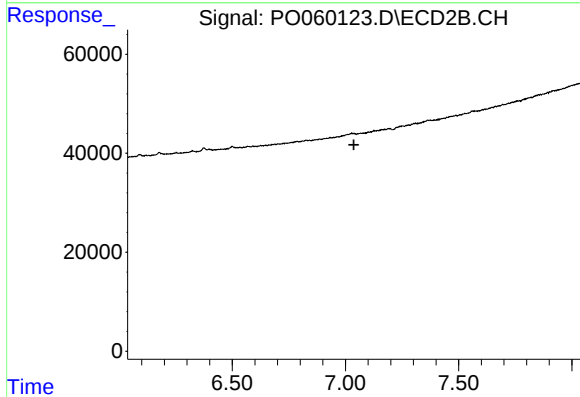
R.T.: 0.000 min
Exp R.T. : 6.794 min
Response: 0
Conc: N.D.



#35 AR-1260-5

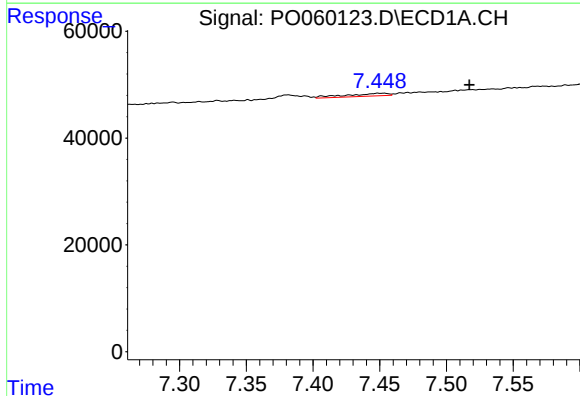
R.T.: 7.986 min
Delta R.T.: -0.008 min
Response: 227966
Conc: 32.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-10-D



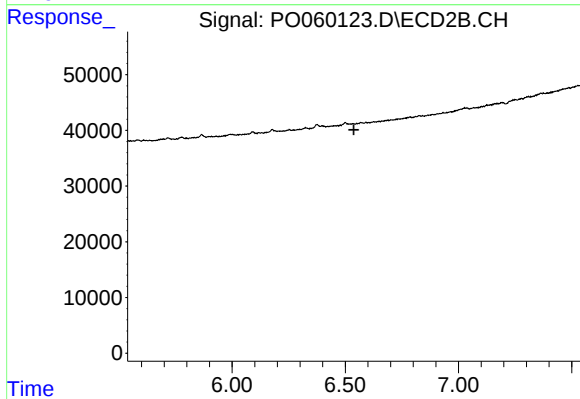
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.037 min
Response: 0
Conc: N.D.



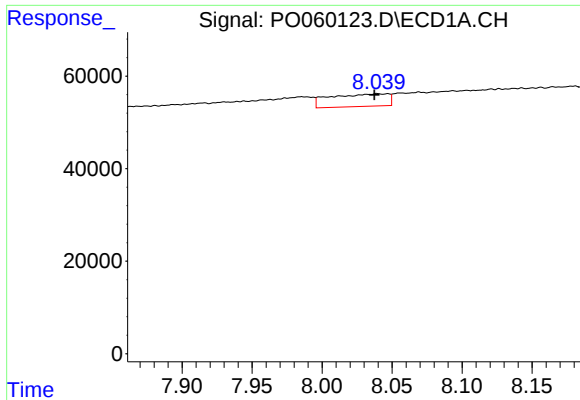
#36 AR-1262-1

R.T.: 7.449 min
Delta R.T.: -0.068 min
Response: 11735
Conc: 2.42 ng/ml



#36 AR-1262-1

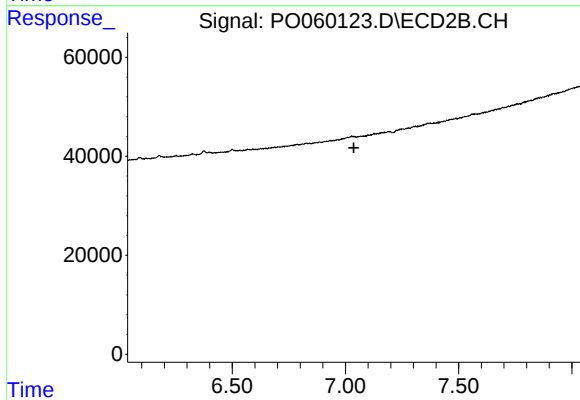
R.T.: 0.000 min
Exp R.T. : 6.538 min
Response: 0
Conc: N.D.



#37 AR-1262-2

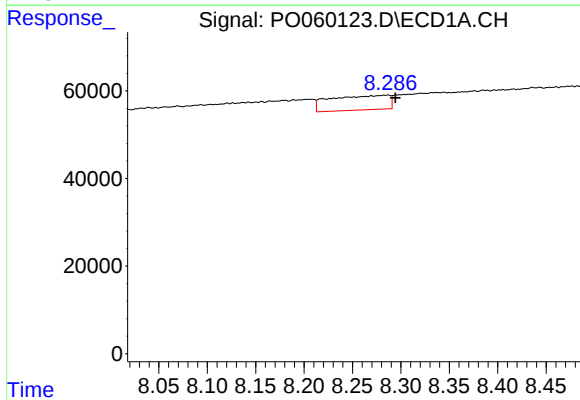
R.T.: 8.039 min
Delta R.T.: 0.002 min
Response: 78705
Conc: 10.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-10-D



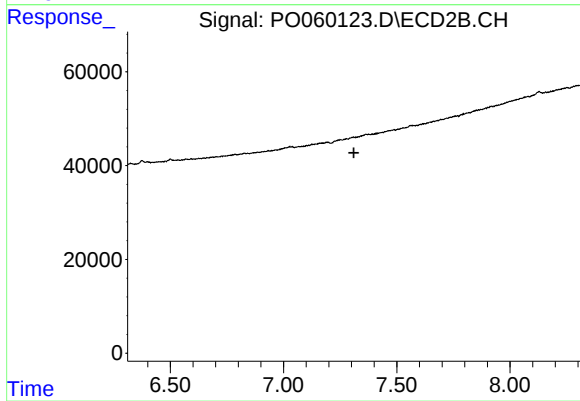
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.037 min
Response: 0
Conc: N.D.



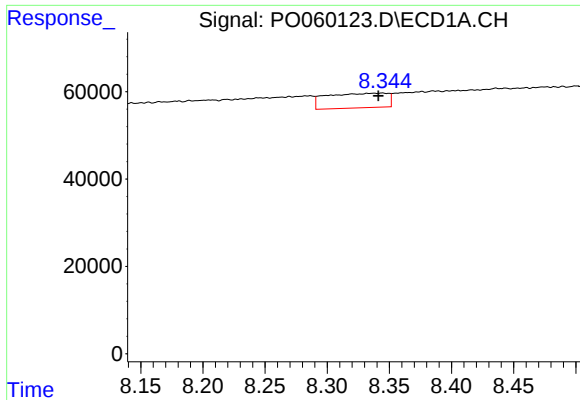
#38 AR-1262-3

R.T.: 8.286 min
Delta R.T.: -0.008 min
Response: 140086
Conc: 27.46 ng/ml



#38 AR-1262-3

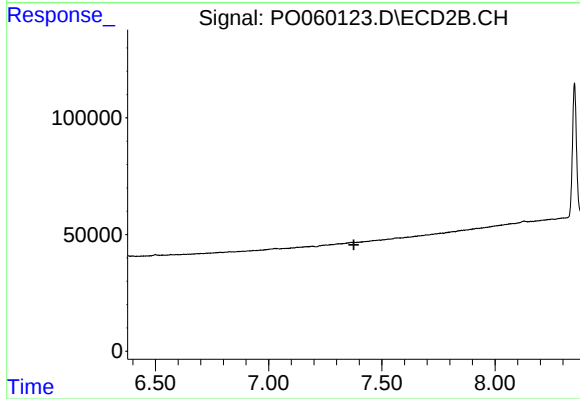
R.T.: 0.000 min
Exp R.T. : 7.310 min
Response: 0
Conc: N.D.



#39 AR-1262-4

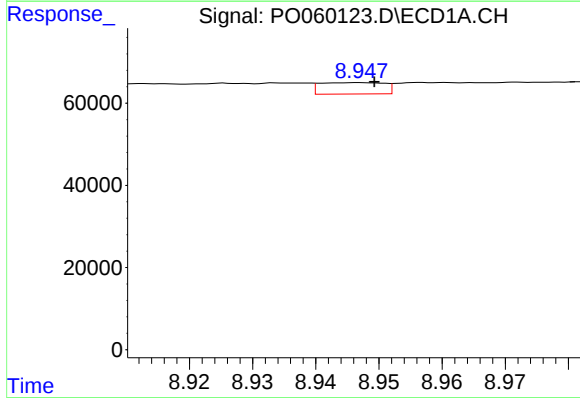
R.T.: 8.344 min
Delta R.T.: 0.003 min
Response: 114275
Conc: 29.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-10-D



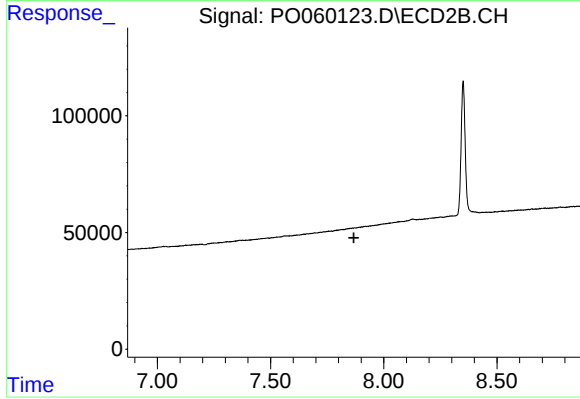
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.376 min
Response: 0
Conc: N.D.



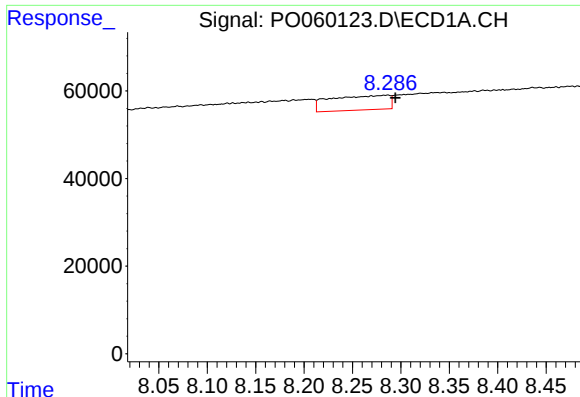
#40 AR-1262-5

R.T.: 8.947 min
Delta R.T.: -0.002 min
Response: 19729
Conc: 7.69 ng/ml



#40 AR-1262-5

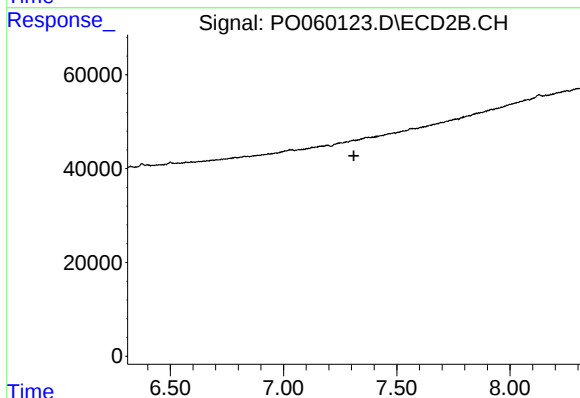
R.T.: 0.000 min
Exp R.T. : 7.868 min
Response: 0
Conc: N.D.



#41 AR-1268-1

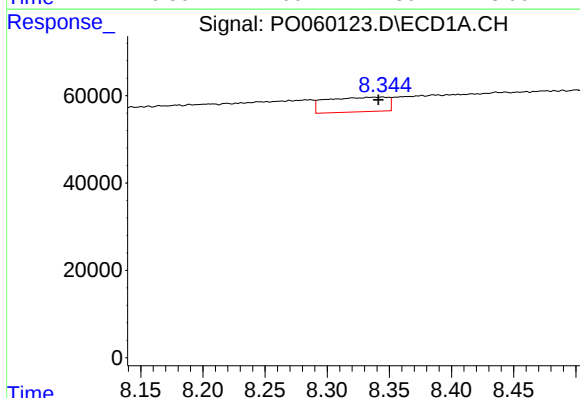
R.T.: 8.286 min
Delta R.T.: -0.008 min
Response: 140086
Conc: 14.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-10-D



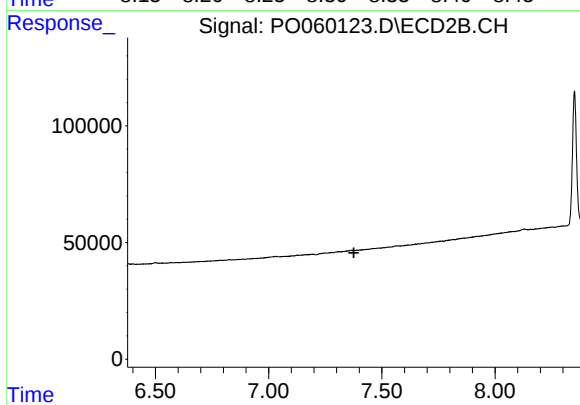
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.310 min
Response: 0
Conc: N.D.



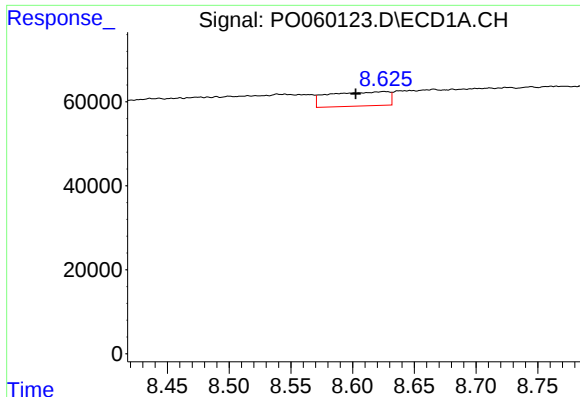
#42 AR-1268-2

R.T.: 8.344 min
Delta R.T.: 0.003 min
Response: 114275
Conc: 14.50 ng/ml



#42 AR-1268-2

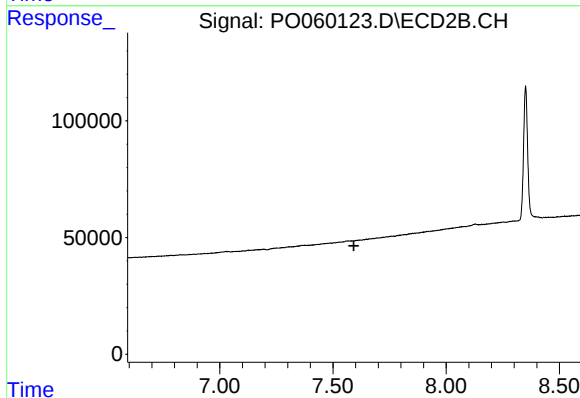
R.T.: 0.000 min
Exp R.T. : 7.376 min
Response: 0
Conc: N.D.



#43 AR-1268-3

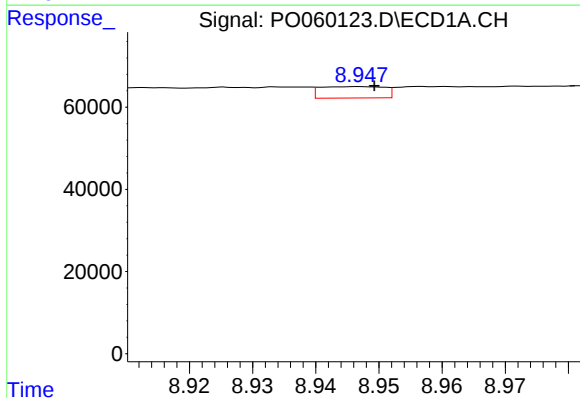
R.T.: 8.626 min
Delta R.T.: 0.023 min
Response: 114596
Conc: 16.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-10-D



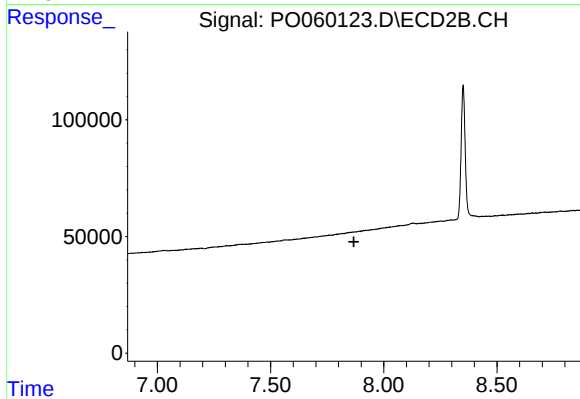
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.592 min
Response: 0
Conc: N.D.



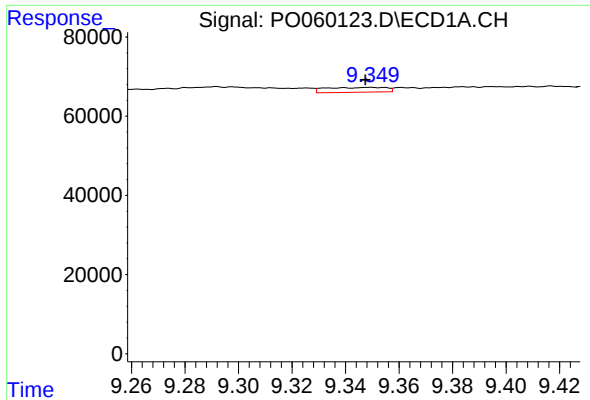
#44 AR-1268-4

R.T.: 8.947 min
Delta R.T.: -0.002 min
Response: 19729
Conc: 7.10 ng/ml



#44 AR-1268-4

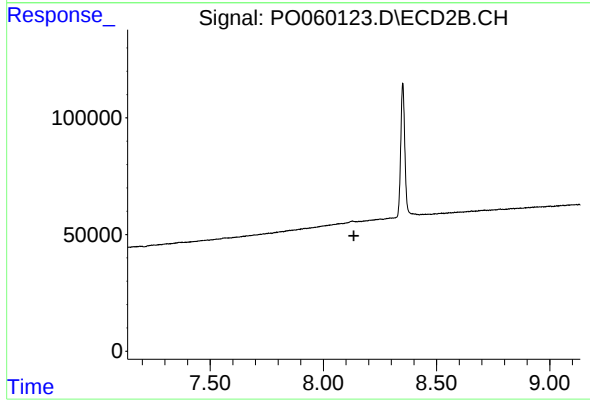
R.T.: 0.000 min
Exp R.T. : 7.868 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.349 min
Delta R.T.: 0.002 min
Response: 19312
Conc: 1.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-10-D



#45 AR-1268-5

R.T.: 8.129 min
Delta R.T.: -0.006 min
Response: -478841
Conc: N.D.