

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082919\
 Data File : P0060045.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Aug 2019 23:23
 Operator : SM/AJ
 Sample : K4439-09
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 S-4A-(5-7)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 01:13:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 28 13:30:59 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	3.499	1036264	924074	29.597	25.672
2)	SA Decachlor...	9.583	8.354	956360	733658	17.977	18.195
Target Compounds							
3)	L1 AR-1016-1	5.270	0.000	8126	0	5.067	N.D. #
4)	L1 AR-1016-2	5.292	0.000	9111	0	3.808	N.D. #
5)	L1 AR-1016-3	5.338	0.000	9343	0	6.273	N.D. #
6)	L1 AR-1016-4	5.461	0.000	739	0	0.611	N.D. #
7)	L1 AR-1016-5	5.772	0.000	972	0	0.757	N.D. #
8)	L2 AR-1221-1	4.381	0.000	809	0	1.911	N.D. #
9)	L2 AR-1221-2	4.422	0.000	14554	0	44.809	N.D. #
10)	L2 AR-1221-3	4.499	0.000	3061	0	2.911	N.D. #
11)	L3 AR-1232-1	4.499	0.000	3061	0	2.456	N.D. #
12)	L3 AR-1232-2	5.008	0.000	14138	0	20.014	N.D. #
13)	L3 AR-1232-3	5.292	0.000	9111	0	5.950	N.D. #
14)	L3 AR-1232-4	5.537	0.000	2133	0	2.728	N.D. #
15)	L3 AR-1232-5	5.601	0.000	4837	0	8.047	N.D. #
16)	L4 AR-1242-1	5.292	0.000	9111	0	7.177	N.D. #
17)	L4 AR-1242-2	5.292	0.000	9111	0	4.910	N.D. #
18)	L4 AR-1242-3	5.338	0.000	9343	0	7.994	N.D. #
19)	L4 AR-1242-4	5.537	0.000	2133	0	2.203	N.D. #
20)	L4 AR-1242-5	6.206	0.000	4062	0	3.233	N.D. #
21)	L5 AR-1248-1	5.270	0.000	8126	0	8.106	N.D. #
22)	L5 AR-1248-2	5.537	0.000	2133	0	1.470	N.D. #
23)	L5 AR-1248-3	5.681	0.000	2373	0	1.428	N.D. #
24)	L5 AR-1248-4	6.126	0.000	304	0	0.149	N.D. #
25)	L5 AR-1248-5	6.177	0.000	3469	0	1.749	N.D. #
26)	L6 AR-1254-1	6.112	0.000	6702	0	3.212	N.D. #
27)	L6 AR-1254-2	6.350	0.000	18675	0	5.598	N.D. #
28)	L6 AR-1254-3	6.724	0.000	14246	0	4.015	N.D. #
30)	L6 AR-1254-5	7.395	0.000	17869	0	5.778	N.D. #
31)	L7 AR-1260-1	6.862	0.000	6093	0	2.260	N.D. #
32)	L7 AR-1260-2	7.132	6.184	12644	19746	3.408	6.740 #
33)	L7 AR-1260-3	7.453	0.000	8787	0	2.682	N.D. #
34)	L7 AR-1260-4	7.619	0.000	13307	0	4.333	N.D. #
35)	L7 AR-1260-5	7.993	0.000	181498	0	25.632	N.D. #
36)	L8 AR-1262-1	7.569	0.000	61880	0	12.751	N.D. #
37)	L8 AR-1262-2	8.037	0.000	84088	0	10.898	N.D. #
38)	L8 AR-1262-3	8.297	0.000	25500	0	4.998	N.D. #
39)	L8 AR-1262-4	8.361	0.000	123005	0	31.910	N.D. #
40)	L8 AR-1262-5	8.907	0.000	55194	0	21.505	N.D. #
41)	L9 AR-1268-1	8.297	0.000	25500	0	2.710	N.D. #
42)	L9 AR-1268-2	8.361	0.000	123005	0	15.604	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082919\
Data File : P0060045.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Aug 2019 23:23
Operator : SM/AJ
Sample : K4439-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

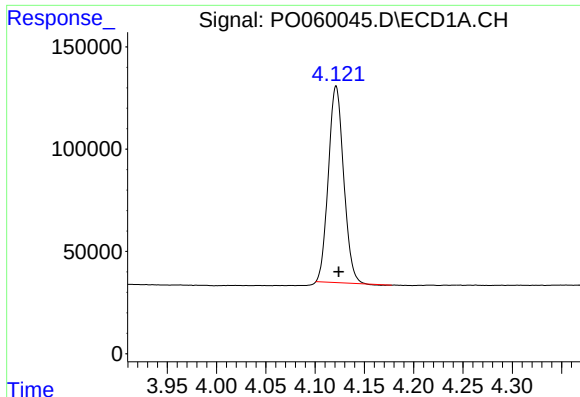
Instrument :
ECD_O
ClientSampleId :
S-4A-(5-7)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 30 01:13:12 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 28 13:30:59 2019
Response via : Initial Calibration
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43)	L9 AR-1268-3	8.595	0.000	111705	0	15.847	N.D. #
44)	L9 AR-1268-4	8.907	0.000	55194	0	19.854	N.D. #

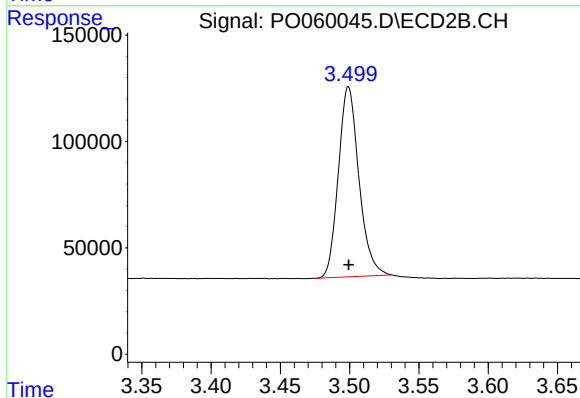
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

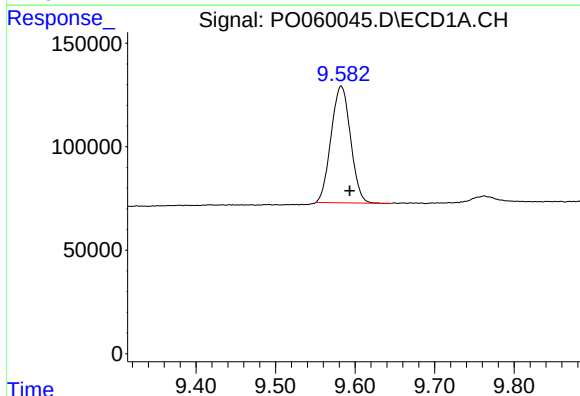
R.T.: 4.121 min
Delta R.T.: -0.003 min
Response: 1036264
Conc: 29.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-4A-(5-7)



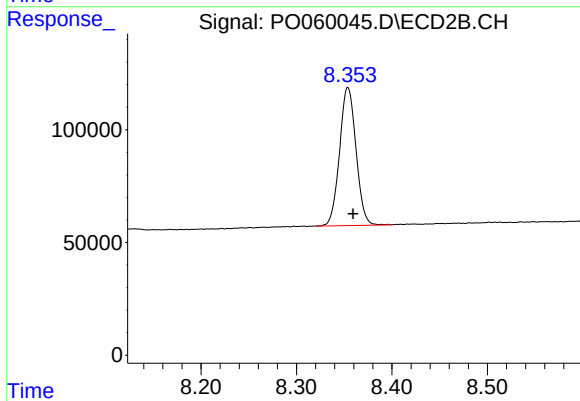
#1 Tetrachloro-m-xylene

R.T.: 3.499 min
Delta R.T.: 0.000 min
Response: 924074
Conc: 25.67 ng/ml



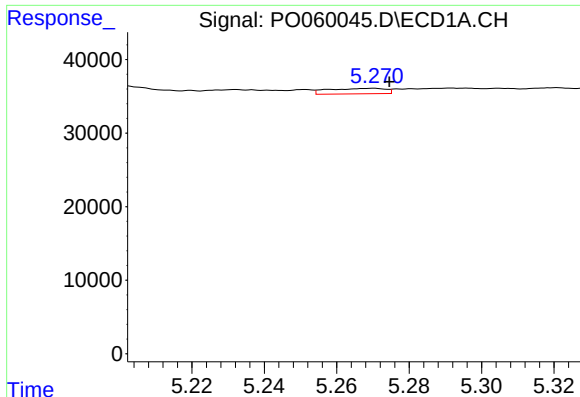
#2 Decachlorobiphenyl

R.T.: 9.583 min
Delta R.T.: -0.011 min
Response: 956360
Conc: 17.98 ng/ml



#2 Decachlorobiphenyl

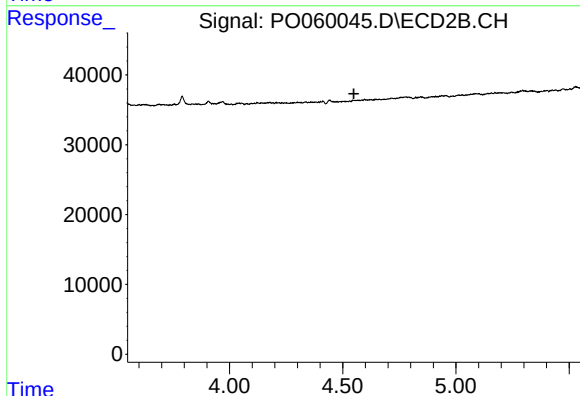
R.T.: 8.354 min
Delta R.T.: -0.005 min
Response: 733658
Conc: 18.20 ng/ml



#3 AR-1016-1

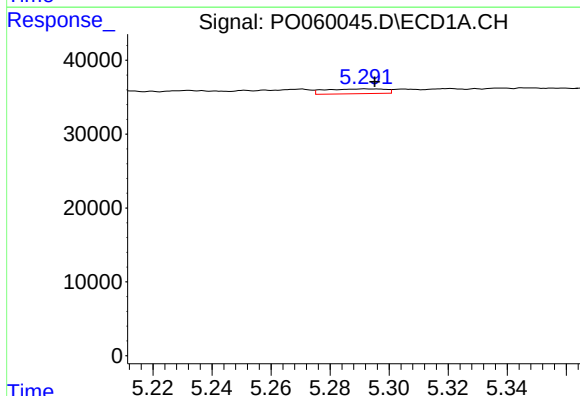
R.T.: 5.270 min
Delta R.T.: -0.005 min
Response: 8126
Conc: 5.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-4A-(5-7)



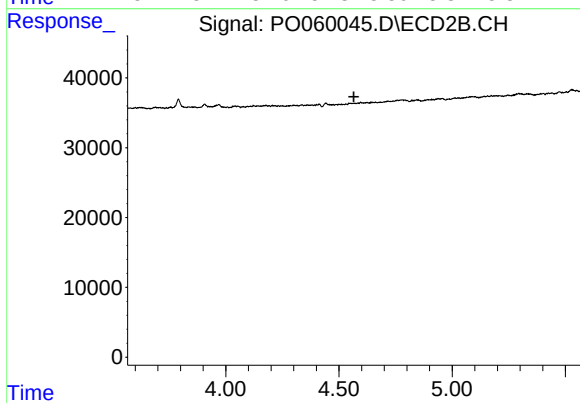
#3 AR-1016-1

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



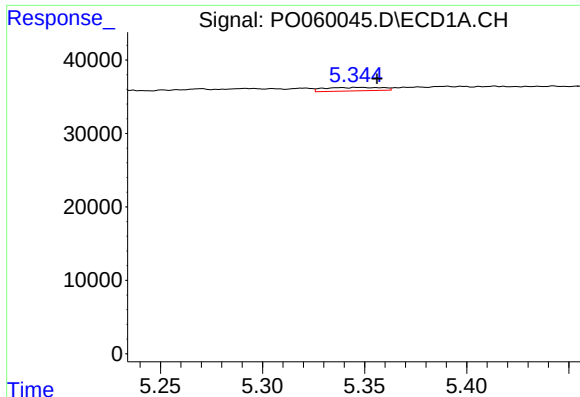
#4 AR-1016-2

R.T.: 5.292 min
Delta R.T.: -0.003 min
Response: 9111
Conc: 3.81 ng/ml



#4 AR-1016-2

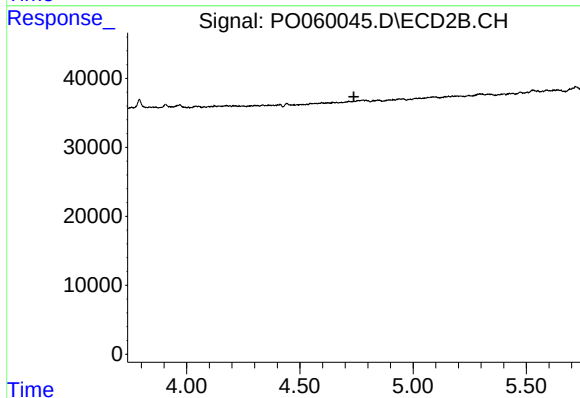
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#5 AR-1016-3

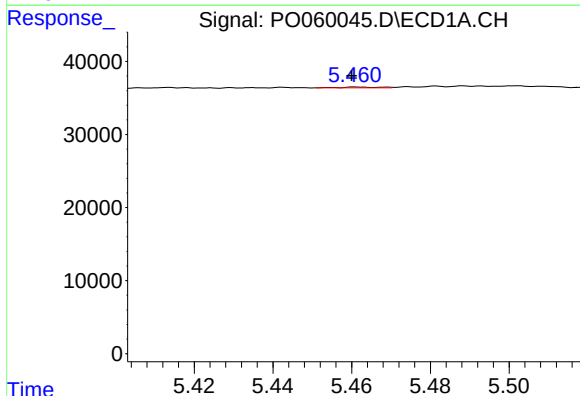
R.T.: 5.338 min
Delta R.T.: -0.018 min
Response: 9343
Conc: 6.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-4A-(5-7)



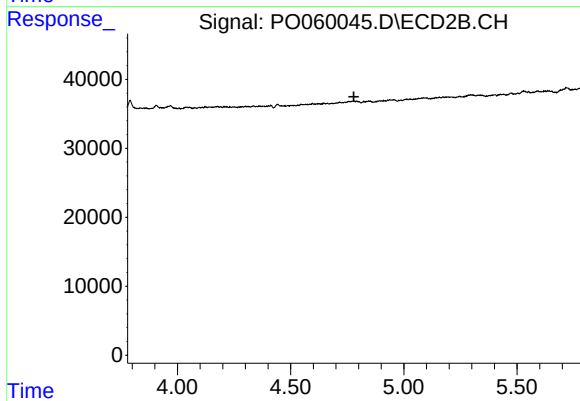
#5 AR-1016-3

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



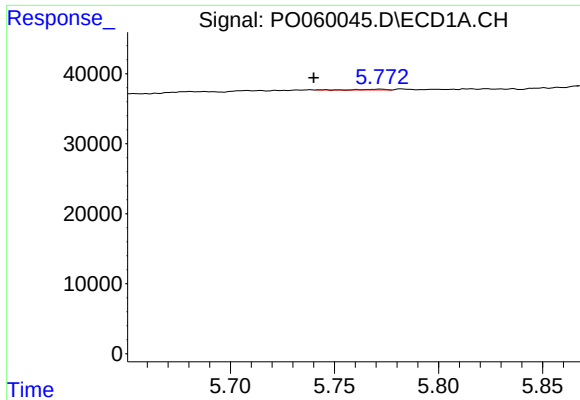
#6 AR-1016-4

R.T.: 5.461 min
Delta R.T.: 0.001 min
Response: 739
Conc: 0.61 ng/ml



#6 AR-1016-4

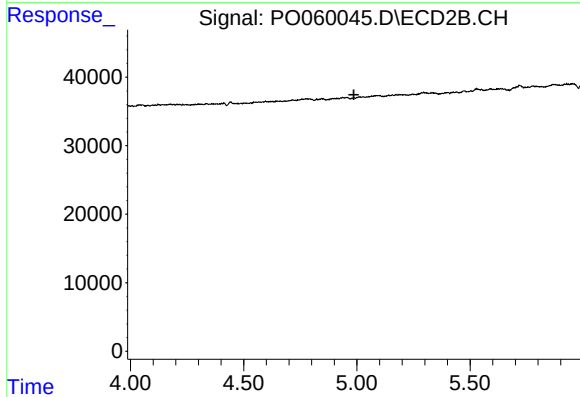
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#7 AR-1016-5

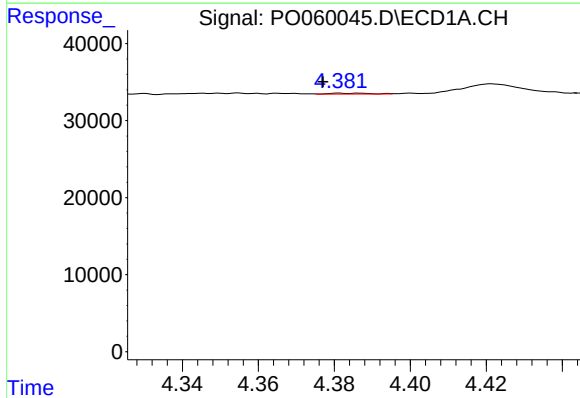
R.T.: 5.772 min
Delta R.T.: 0.032 min
Response: 972
Conc: 0.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-4A-(5-7)



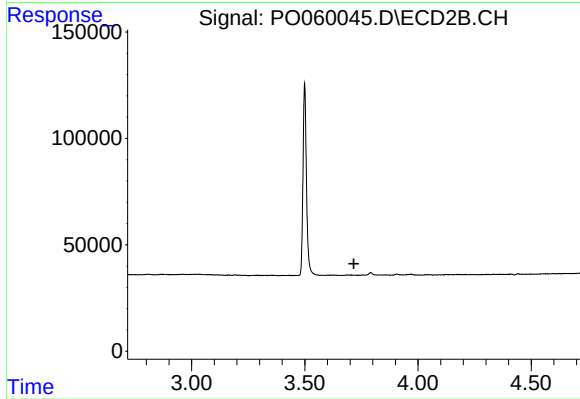
#7 AR-1016-5

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



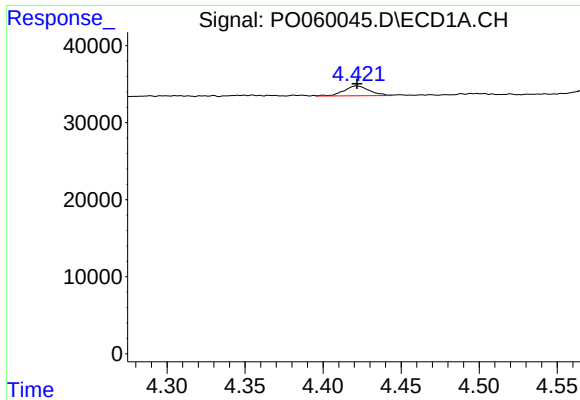
#8 AR-1221-1

R.T.: 4.381 min
Delta R.T.: 0.004 min
Response: 809
Conc: 1.91 ng/ml



#8 AR-1221-1

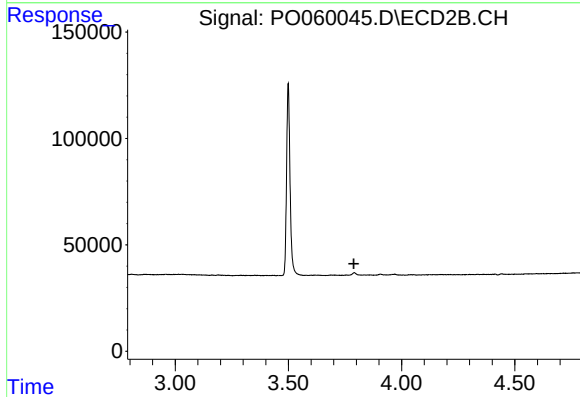
R.T.: 0.000 min
Exp R.T. : 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

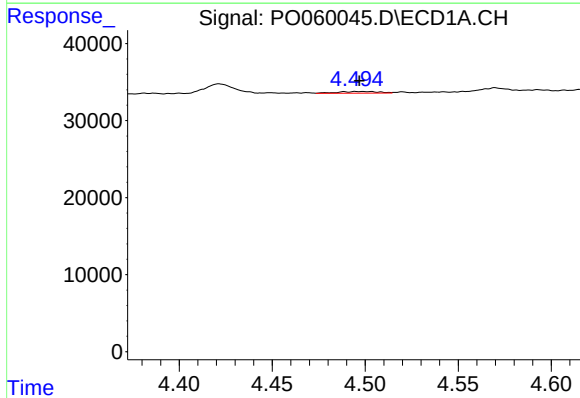
R.T.: 4.422 min
Delta R.T.: 0.000 min
Response: 14554
Conc: 44.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-4A-(5-7)



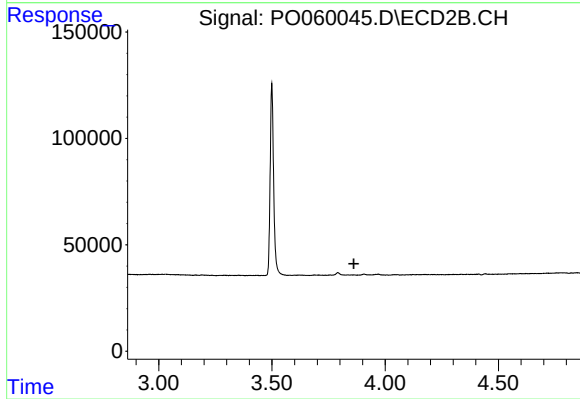
#9 AR-1221-2

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



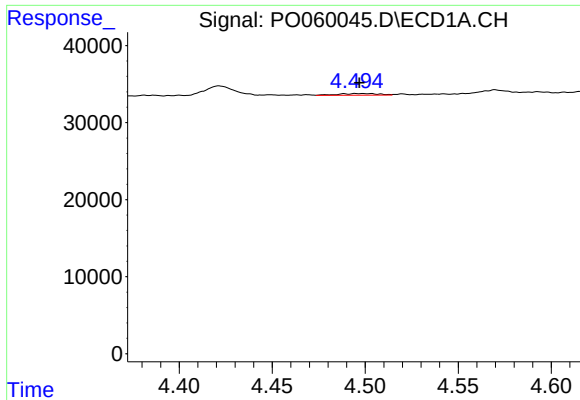
#10 AR-1221-3

R.T.: 4.499 min
Delta R.T.: 0.002 min
Response: 3061
Conc: 2.91 ng/ml



#10 AR-1221-3

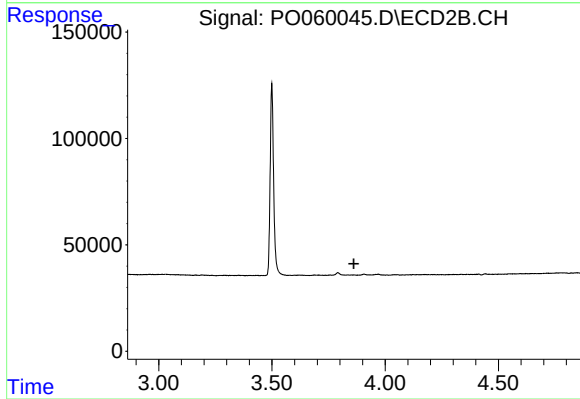
R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



#11 AR-1232-1

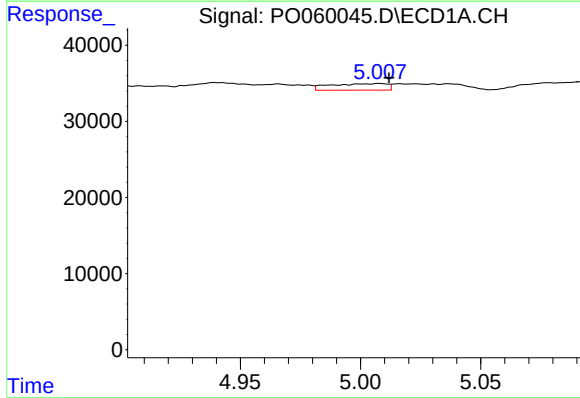
R.T.: 4.499 min
Delta R.T.: 0.002 min
Response: 3061
Conc: 2.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-4A-(5-7)



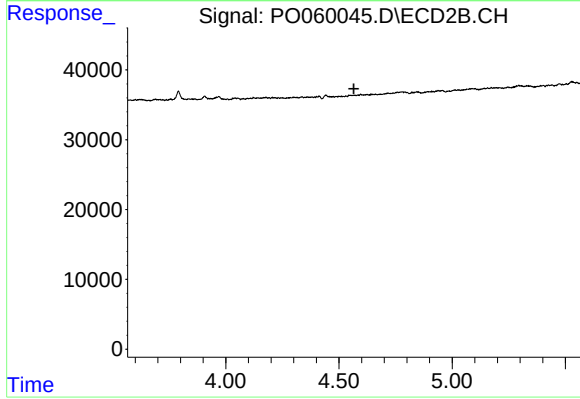
#11 AR-1232-1

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



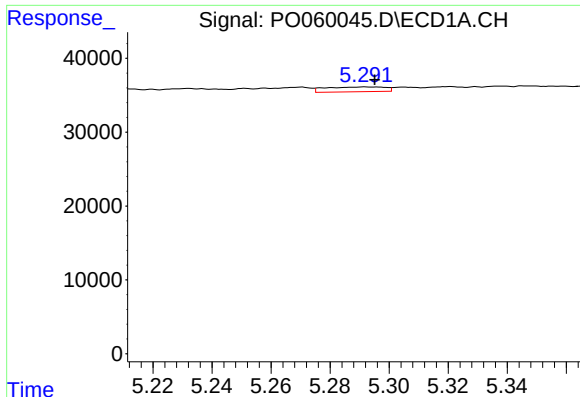
#12 AR-1232-2

R.T.: 5.008 min
Delta R.T.: -0.004 min
Response: 14138
Conc: 20.01 ng/ml



#12 AR-1232-2

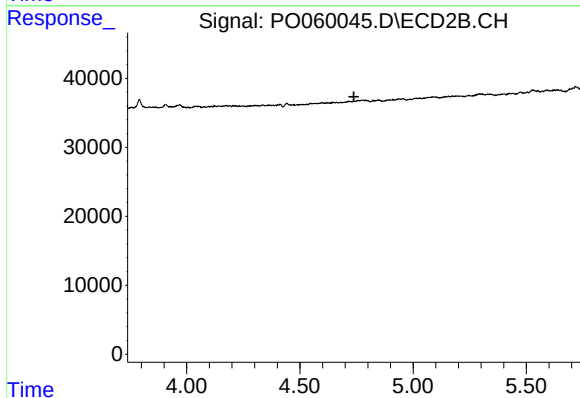
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#13 AR-1232-3

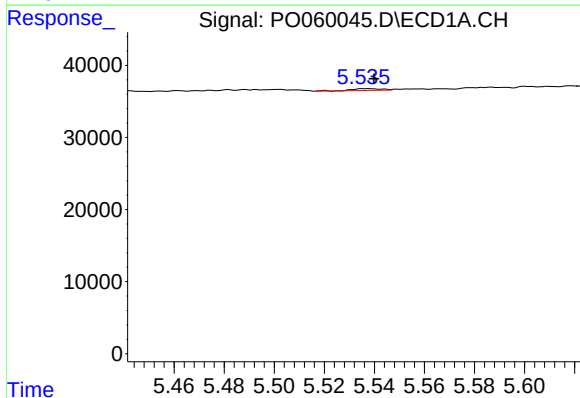
R.T.: 5.292 min
Delta R.T.: -0.003 min
Response: 9111
Conc: 5.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-4A-(5-7)



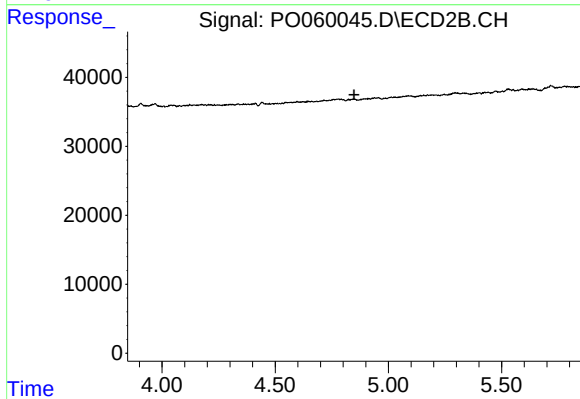
#13 AR-1232-3

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



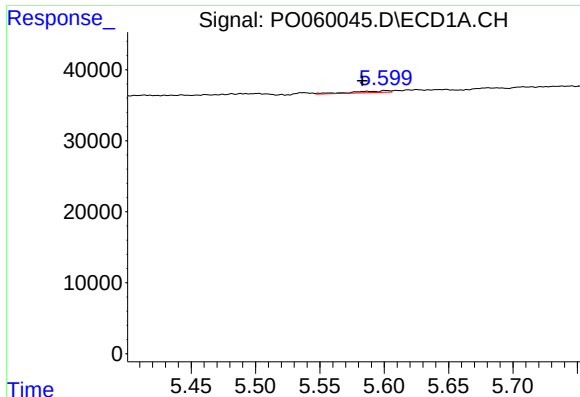
#14 AR-1232-4

R.T.: 5.537 min
Delta R.T.: -0.003 min
Response: 2133
Conc: 2.73 ng/ml



#14 AR-1232-4

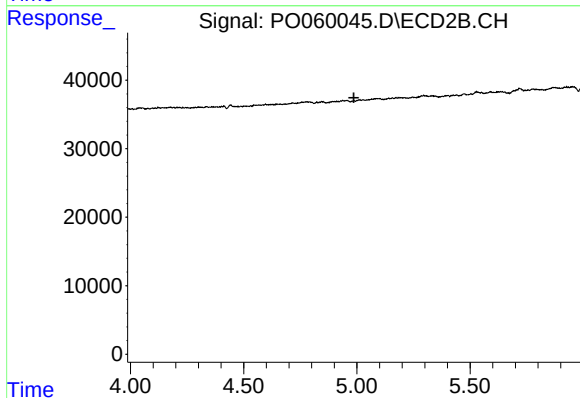
R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



#15 AR-1232-5

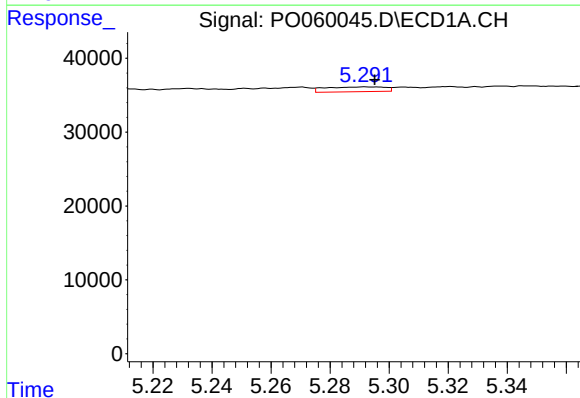
R.T.: 5.601 min
Delta R.T.: 0.018 min
Response: 4837
Conc: 8.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-4A-(5-7)



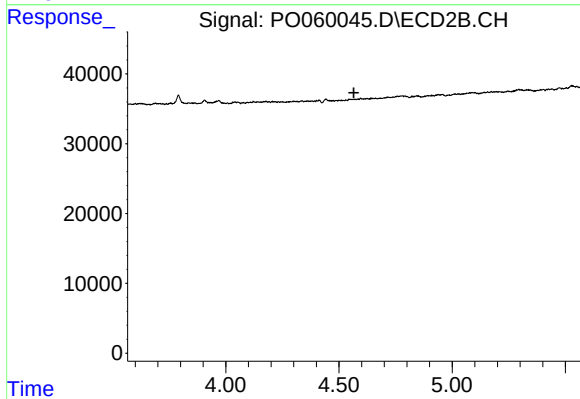
#15 AR-1232-5

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



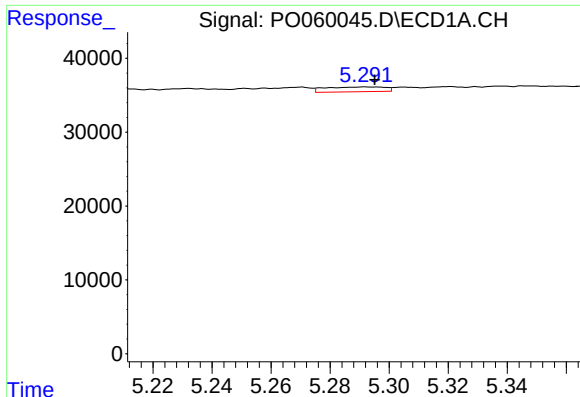
#16 AR-1242-1

R.T.: 5.292 min
Delta R.T.: -0.003 min
Response: 9111
Conc: 7.18 ng/ml



#16 AR-1242-1

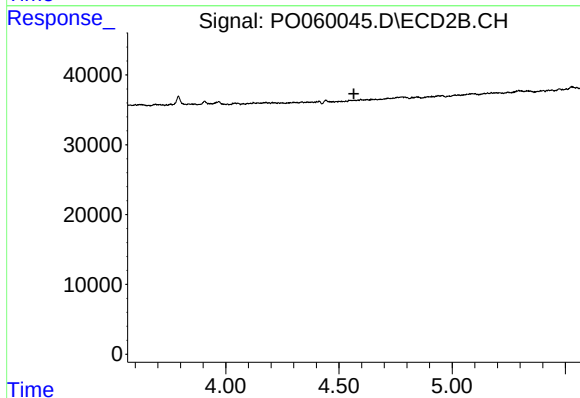
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#17 AR-1242-2

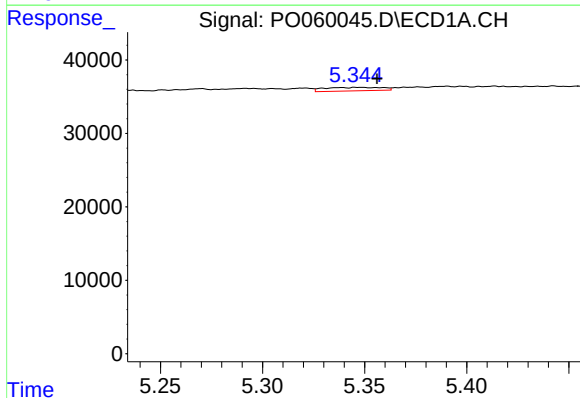
R.T.: 5.292 min
Delta R.T.: -0.003 min
Response: 9111
Conc: 4.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-4A-(5-7)



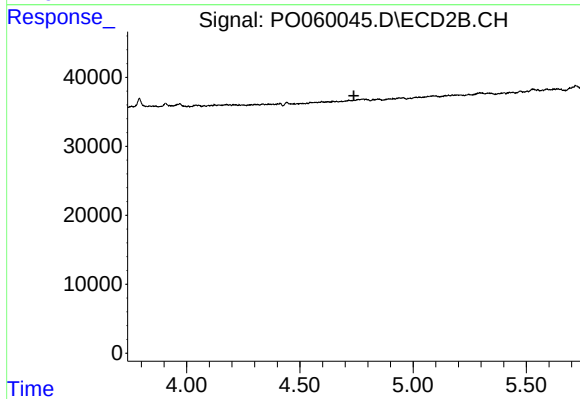
#17 AR-1242-2

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



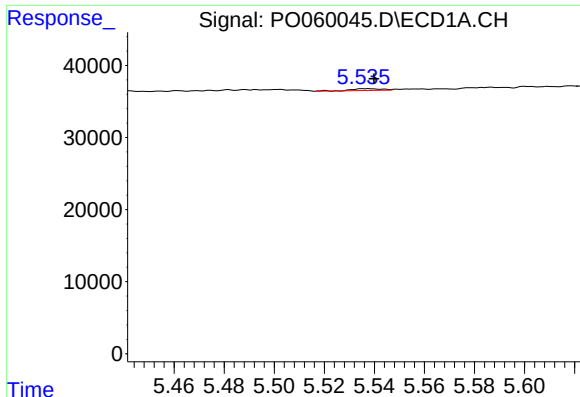
#18 AR-1242-3

R.T.: 5.338 min
Delta R.T.: -0.018 min
Response: 9343
Conc: 7.99 ng/ml



#18 AR-1242-3

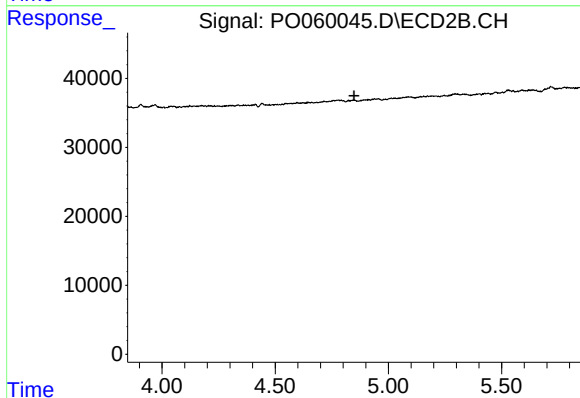
R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



#19 AR-1242-4

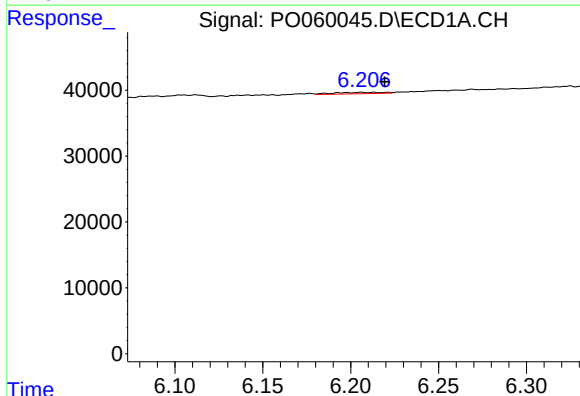
R.T.: 5.537 min
Delta R.T.: -0.003 min
Response: 2133
Conc: 2.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-4A-(5-7)



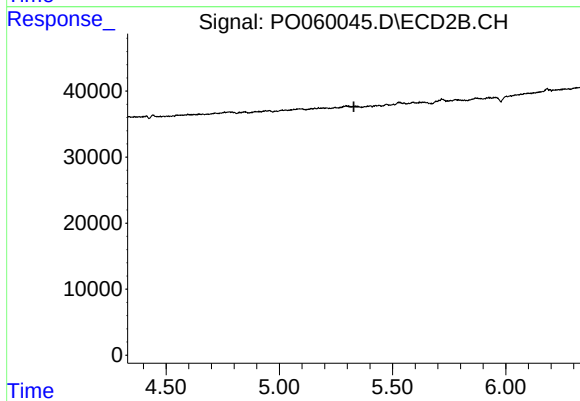
#19 AR-1242-4

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



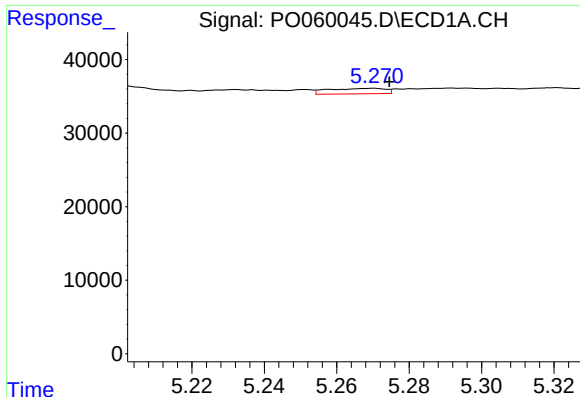
#20 AR-1242-5

R.T.: 6.206 min
Delta R.T.: -0.013 min
Response: 4062
Conc: 3.23 ng/ml



#20 AR-1242-5

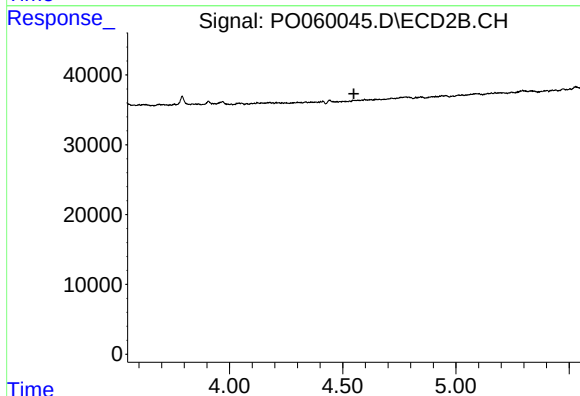
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#21 AR-1248-1

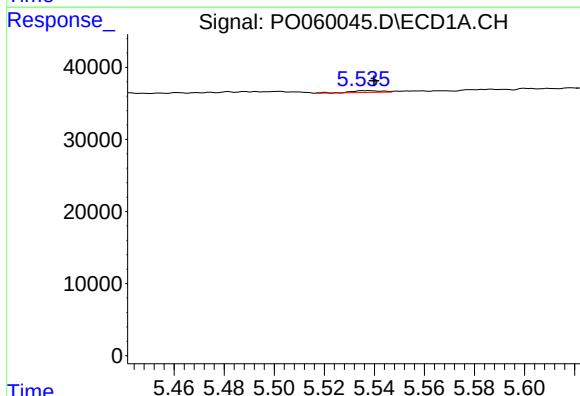
R.T.: 5.270 min
Delta R.T.: -0.005 min
Response: 8126
Conc: 8.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-4A-(5-7)



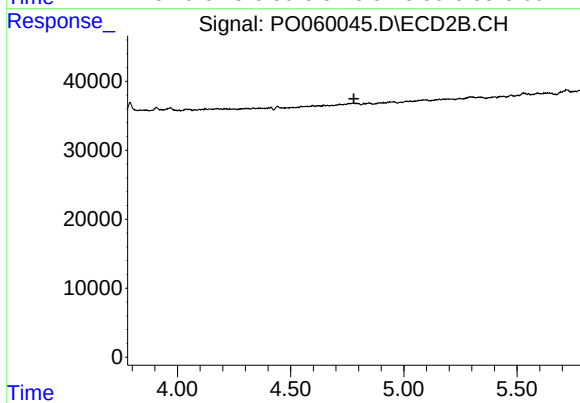
#21 AR-1248-1

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



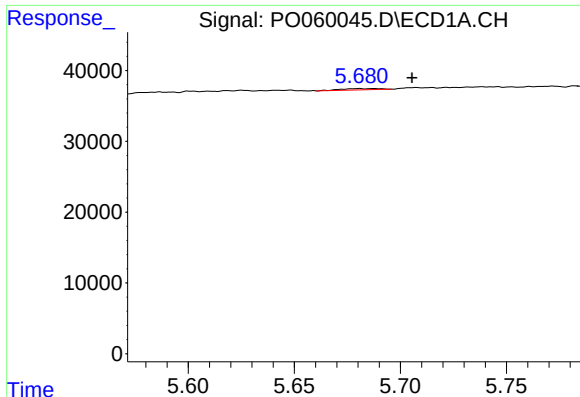
#22 AR-1248-2

R.T.: 5.537 min
Delta R.T.: -0.003 min
Response: 2133
Conc: 1.47 ng/ml



#22 AR-1248-2

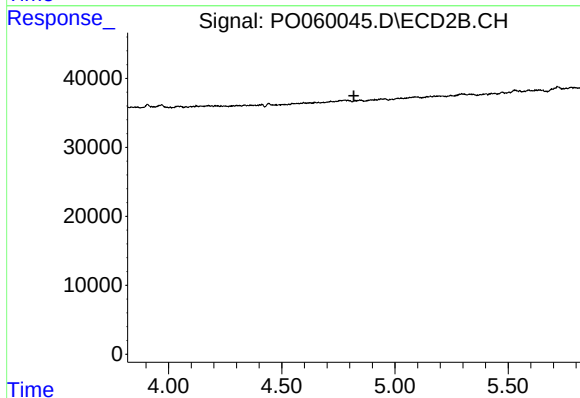
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#23 AR-1248-3

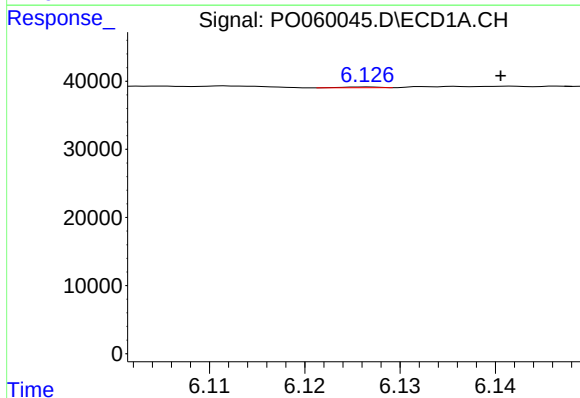
R.T.: 5.681 min
Delta R.T.: -0.025 min
Response: 2373
Conc: 1.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-4A-(5-7)



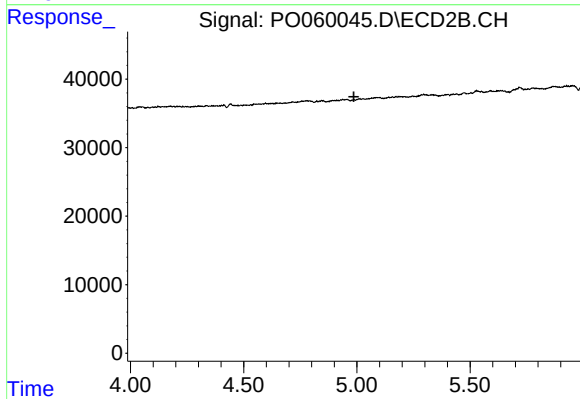
#23 AR-1248-3

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



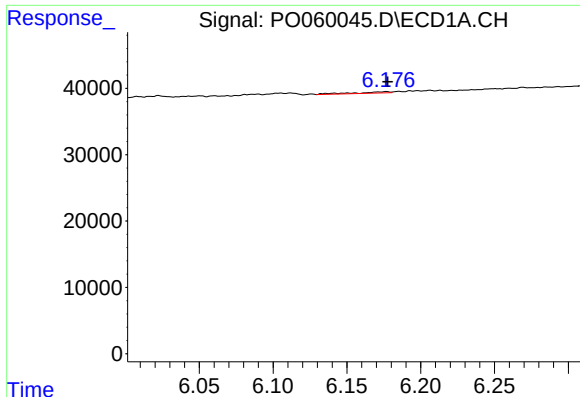
#24 AR-1248-4

R.T.: 6.126 min
Delta R.T.: -0.014 min
Response: 304
Conc: 0.15 ng/ml



#24 AR-1248-4

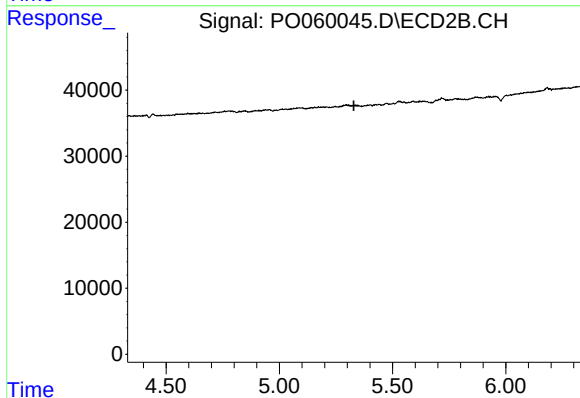
R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



#25 AR-1248-5

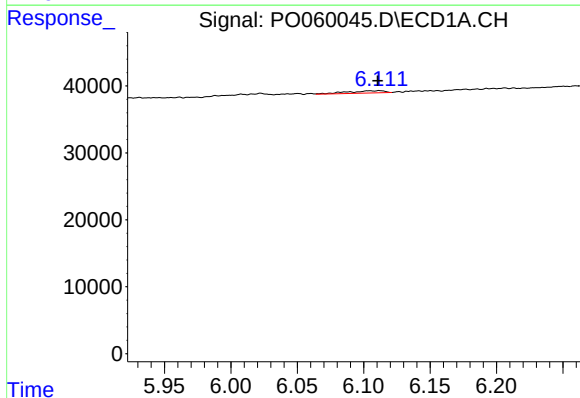
R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 3469
Conc: 1.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-4A-(5-7)



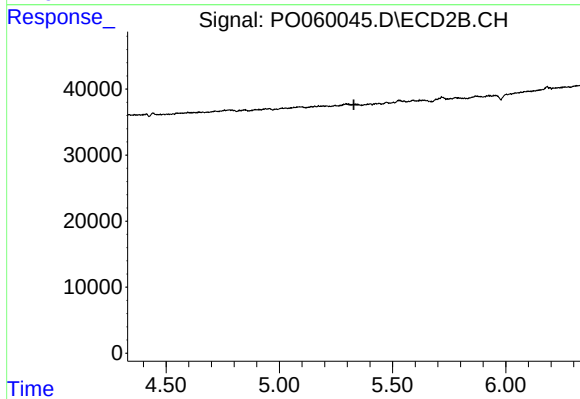
#25 AR-1248-5

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



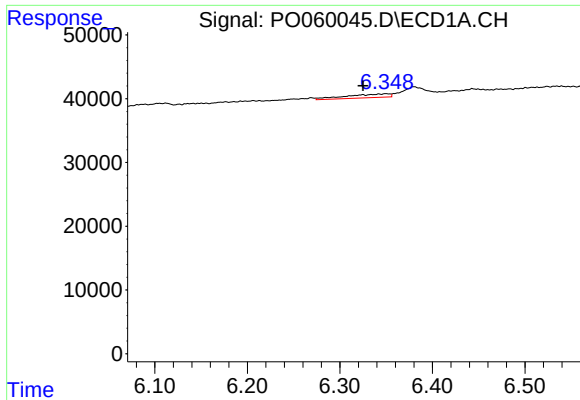
#26 AR-1254-1

R.T.: 6.112 min
Delta R.T.: 0.001 min
Response: 6702
Conc: 3.21 ng/ml



#26 AR-1254-1

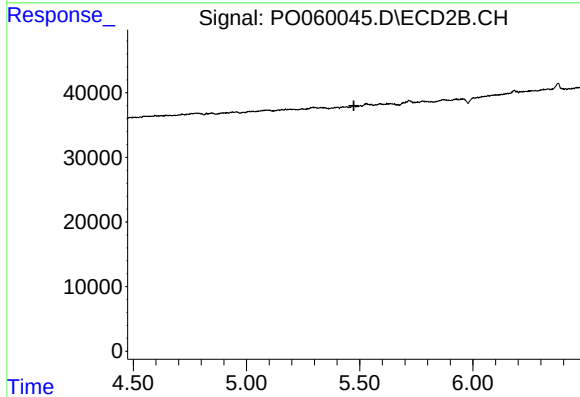
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#27 AR-1254-2

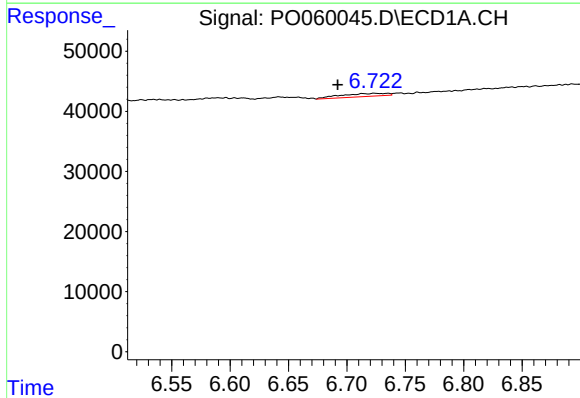
R.T.: 6.350 min
Delta R.T.: 0.025 min
Response: 18675
Conc: 5.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-4A-(5-7)



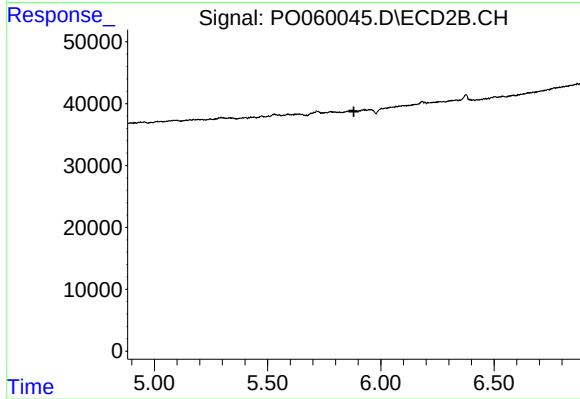
#27 AR-1254-2

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



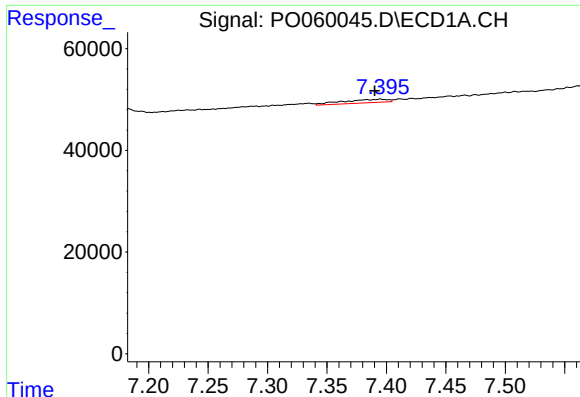
#28 AR-1254-3

R.T.: 6.724 min
Delta R.T.: 0.032 min
Response: 14246
Conc: 4.01 ng/ml



#28 AR-1254-3

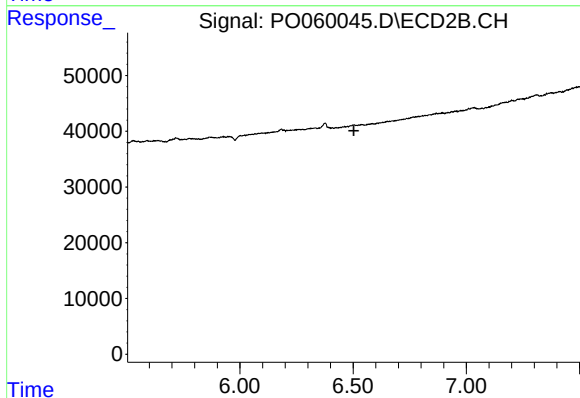
R.T.: 0.000 min
Exp R.T. : 5.881 min
Response: 0
Conc: N.D.



#30 AR-1254-5

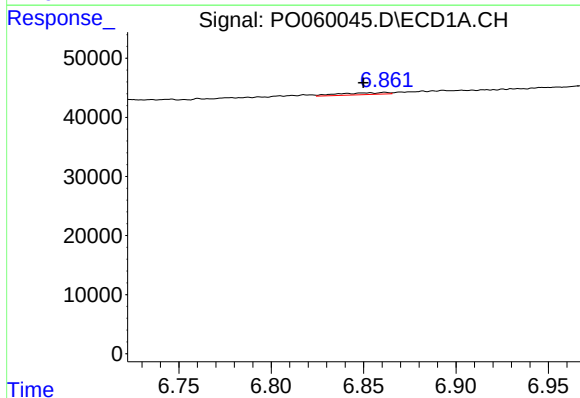
R.T.: 7.395 min
Delta R.T.: 0.005 min
Response: 17869
Conc: 5.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-4A-(5-7)



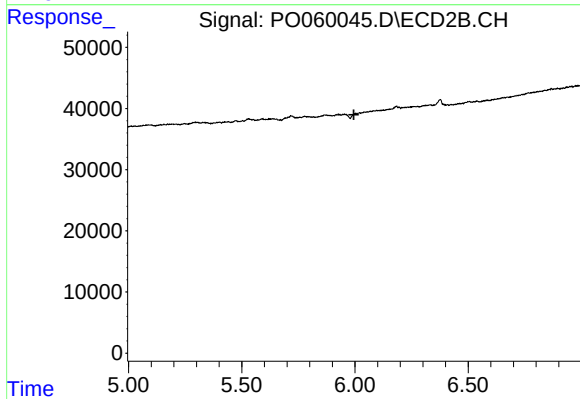
#30 AR-1254-5

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



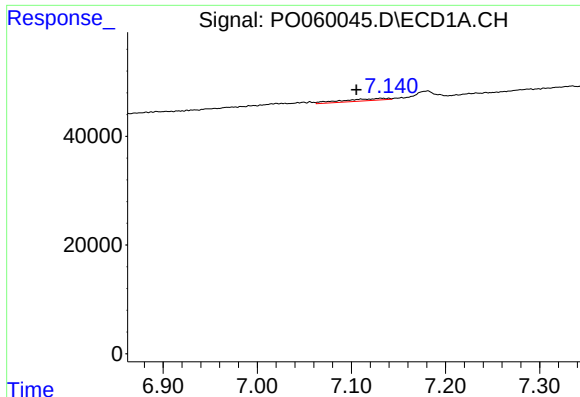
#31 AR-1260-1

R.T.: 6.862 min
Delta R.T.: 0.012 min
Response: 6093
Conc: 2.26 ng/ml



#31 AR-1260-1

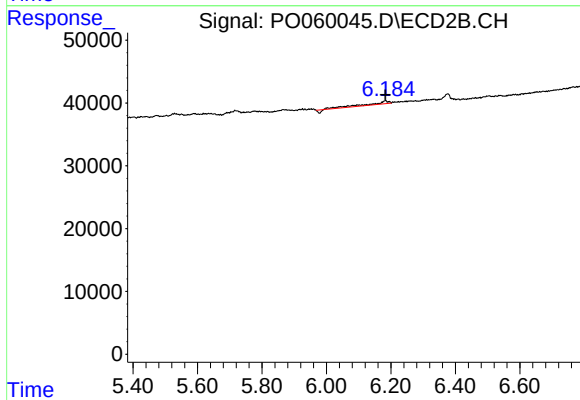
R.T.: 0.000 min
Exp R.T. : 5.995 min
Response: 0
Conc: N.D.



#32 AR-1260-2

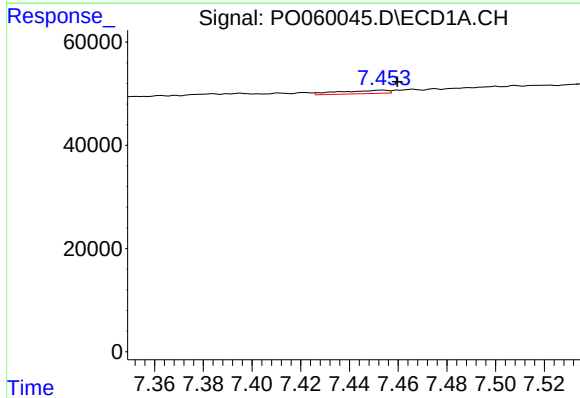
R.T.: 7.132 min
Delta R.T.: 0.026 min
Response: 12644
Conc: 3.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-4A-(5-7)



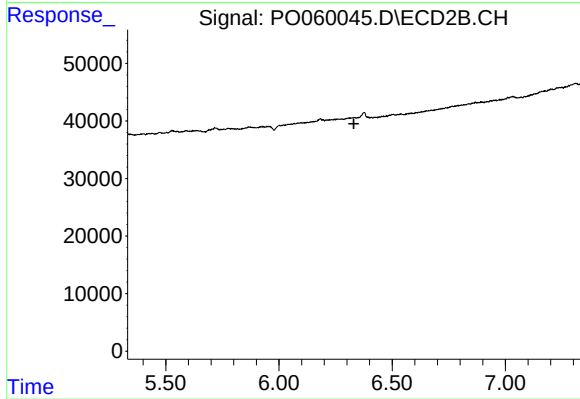
#32 AR-1260-2

R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 19746
Conc: 6.74 ng/ml



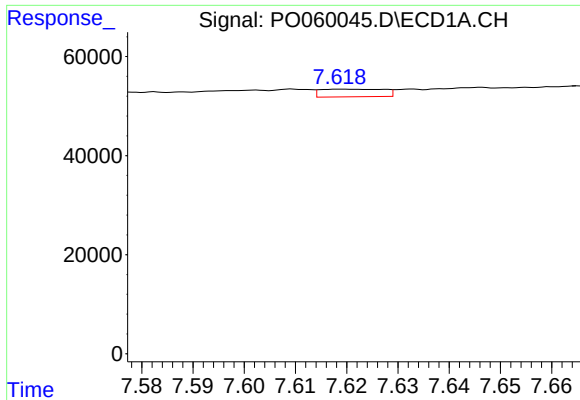
#33 AR-1260-3

R.T.: 7.453 min
Delta R.T.: -0.006 min
Response: 8787
Conc: 2.68 ng/ml



#33 AR-1260-3

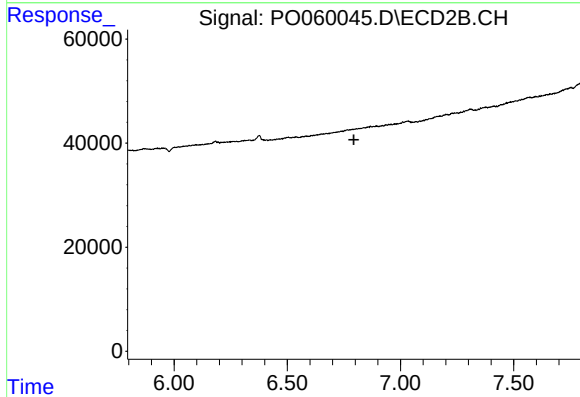
R.T.: 0.000 min
Exp R.T.: 6.331 min
Response: 0
Conc: N.D.



#34 AR-1260-4

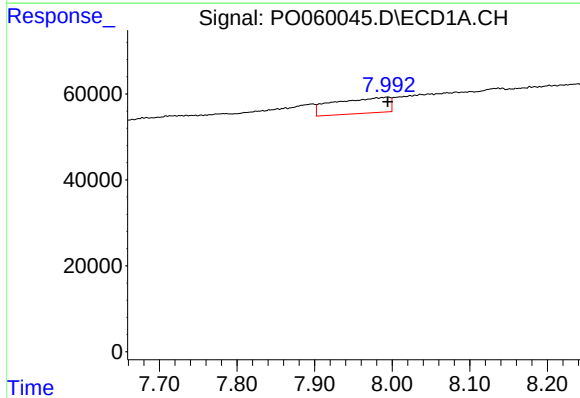
R.T.: 7.619 min
Delta R.T.: -0.067 min
Response: 13307
Conc: 4.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-4A-(5-7)



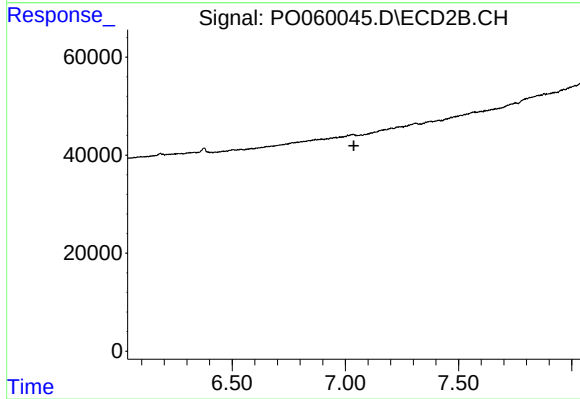
#34 AR-1260-4

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



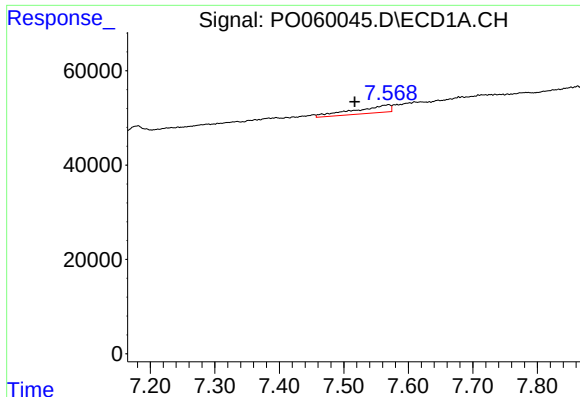
#35 AR-1260-5

R.T.: 7.993 min
Delta R.T.: 0.000 min
Response: 181498
Conc: 25.63 ng/ml



#35 AR-1260-5

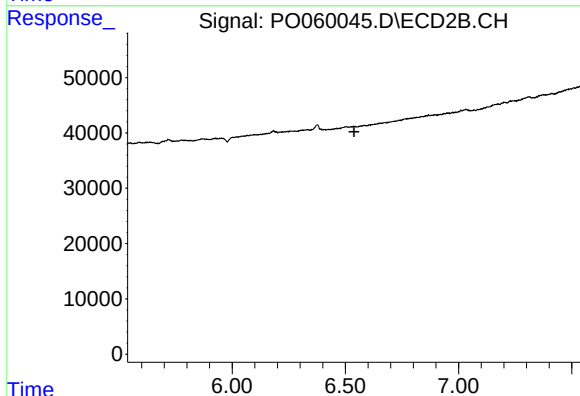
R.T.: 0.000 min
Exp R.T. : 7.037 min
Response: 0
Conc: N.D.



#36 AR-1262-1

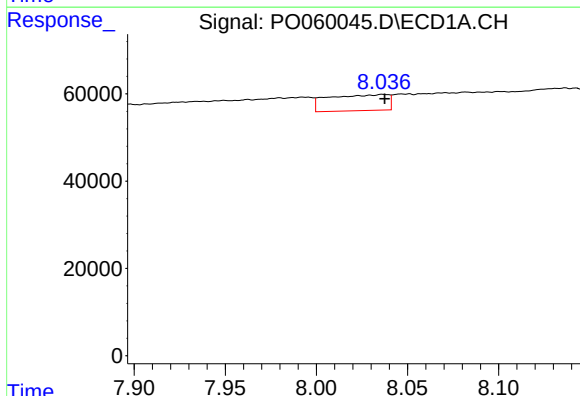
R.T.: 7.569 min
Delta R.T.: 0.052 min
Response: 61880
Conc: 12.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-4A-(5-7)



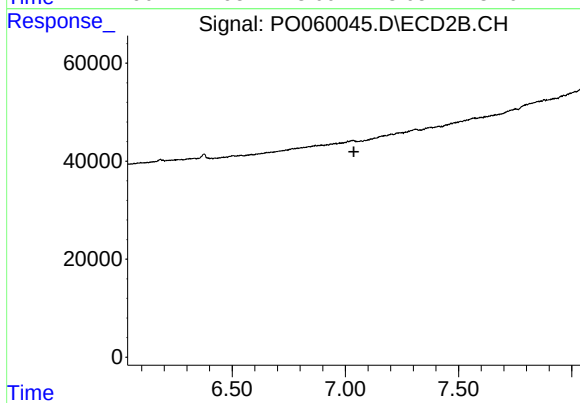
#36 AR-1262-1

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



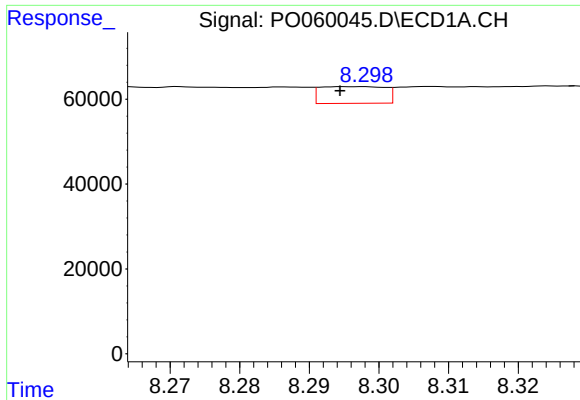
#37 AR-1262-2

R.T.: 8.037 min
Delta R.T.: 0.000 min
Response: 84088
Conc: 10.90 ng/ml



#37 AR-1262-2

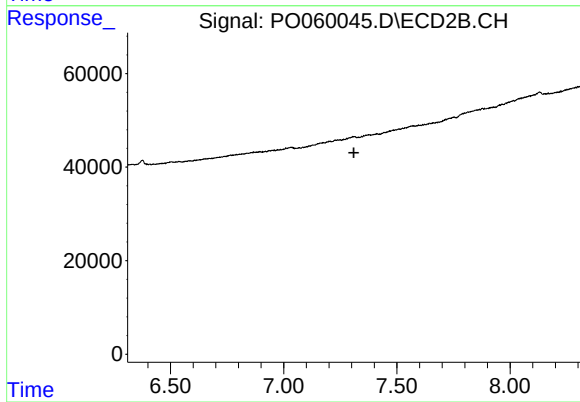
R.T.: 0.000 min
Exp R.T. : 7.037 min
Response: 0
Conc: N.D.



#38 AR-1262-3

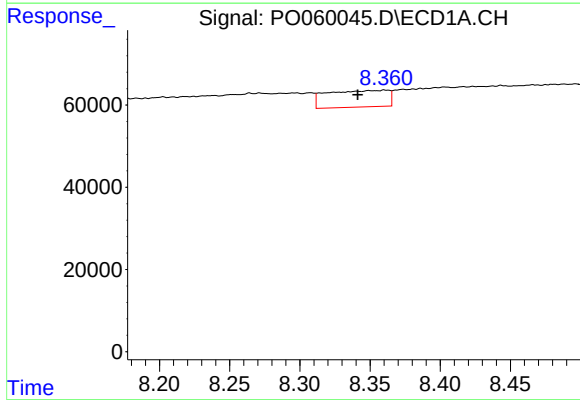
R.T.: 8.297 min
Delta R.T.: 0.002 min
Response: 25500
Conc: 5.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-4A-(5-7)



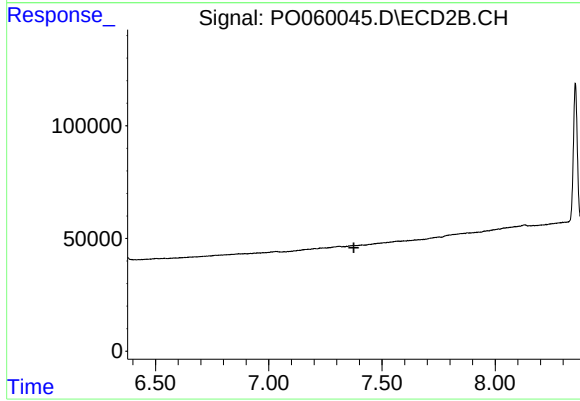
#38 AR-1262-3

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



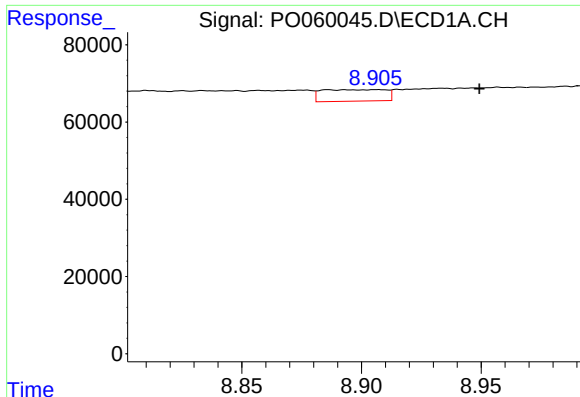
#39 AR-1262-4

R.T.: 8.361 min
Delta R.T.: 0.020 min
Response: 123005
Conc: 31.91 ng/ml



#39 AR-1262-4

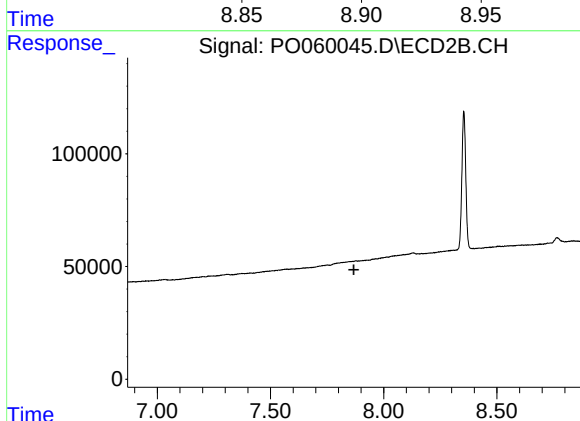
R.T.: 0.000 min
Exp R.T. : 7.376 min
Response: 0
Conc: N.D.



#40 AR-1262-5

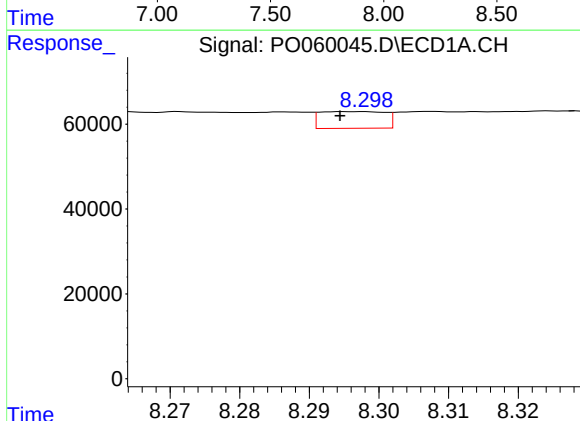
R.T.: 8.907 min
Delta R.T.: -0.043 min
Response: 55194
Conc: 21.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-4A-(5-7)



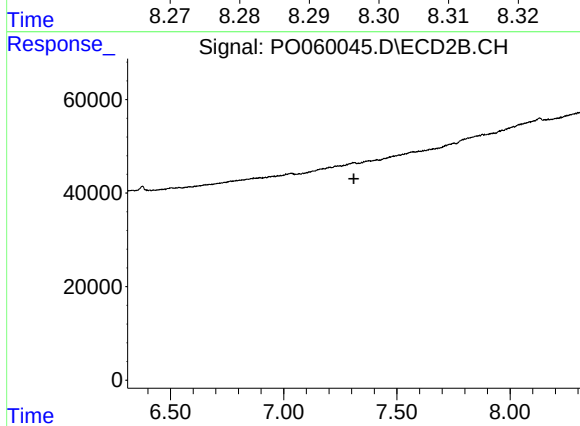
#40 AR-1262-5

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



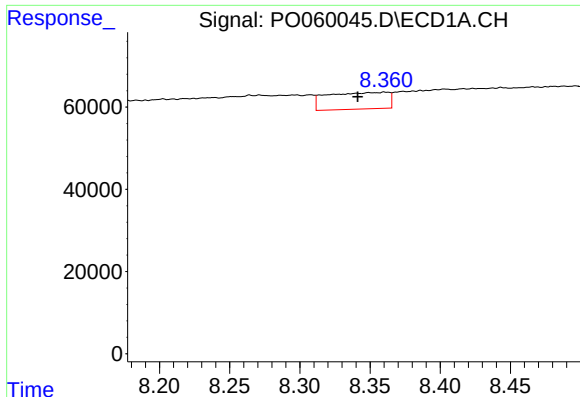
#41 AR-1268-1

R.T.: 8.297 min
Delta R.T.: 0.002 min
Response: 25500
Conc: 2.71 ng/ml



#41 AR-1268-1

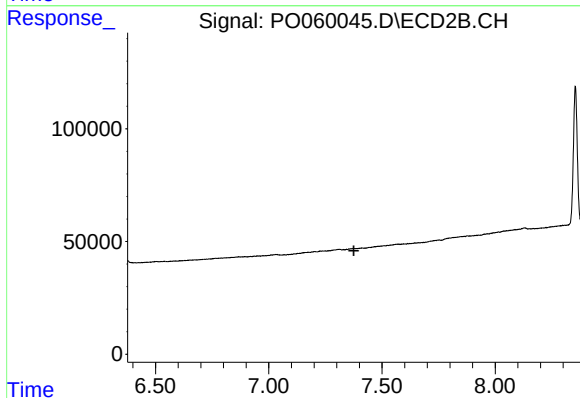
R.T.: 0.000 min
Exp R.T. : 7.310 min
Response: 0
Conc: N.D.



#42 AR-1268-2

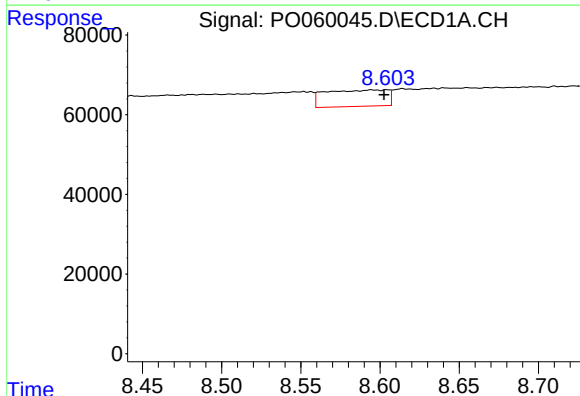
R.T.: 8.361 min
Delta R.T.: 0.020 min
Response: 123005
Conc: 15.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-4A-(5-7)



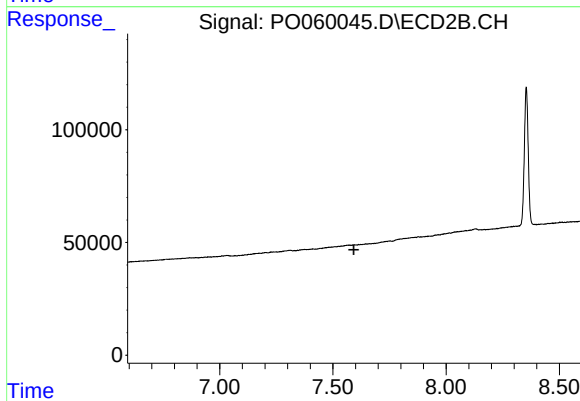
#42 AR-1268-2

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



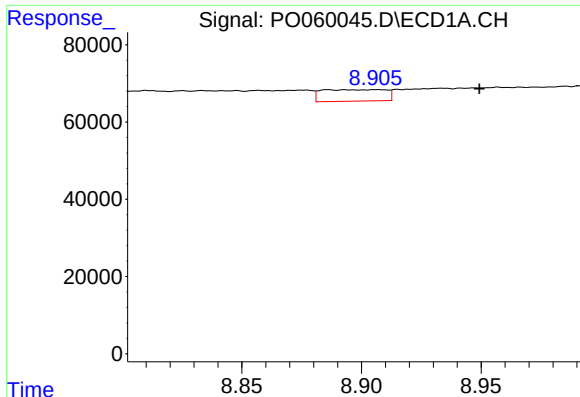
#43 AR-1268-3

R.T.: 8.595 min
Delta R.T.: -0.008 min
Response: 111705
Conc: 15.85 ng/ml



#43 AR-1268-3

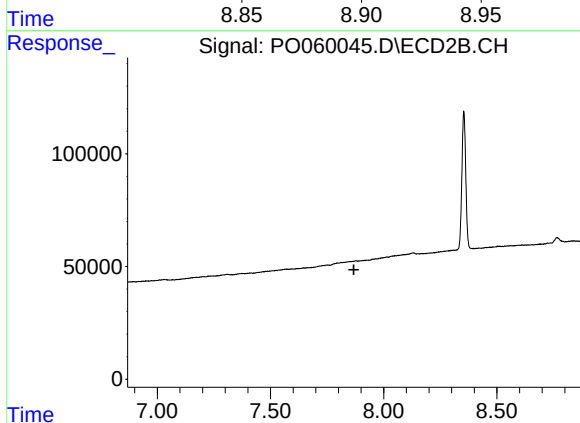
R.T.: 0.000 min
Exp R.T. : 7.592 min
Response: 0
Conc: N.D.



#44 AR-1268-4

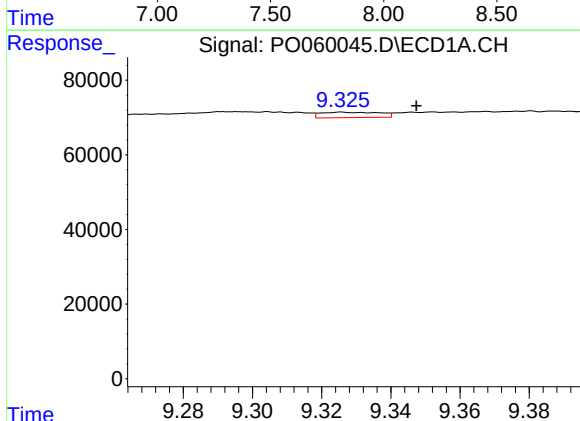
R.T.: 8.907 min
Delta R.T.: -0.043 min
Response: 55194
Conc: 19.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-4A-(5-7)



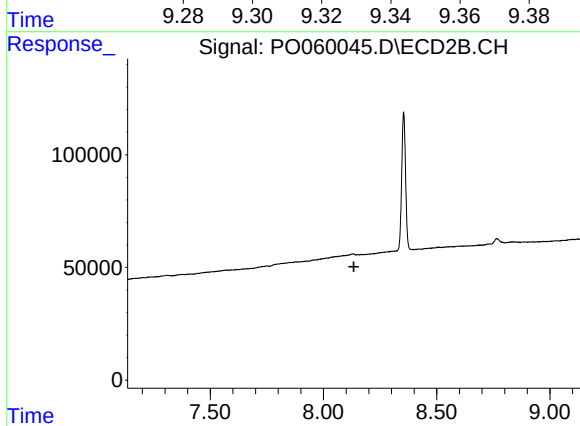
#44 AR-1268-4

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



#45 AR-1268-5

R.T.: 9.326 min
Delta R.T.: -0.022 min
Response: 17067
Conc: 0.93 ng/ml



#45 AR-1268-5

R.T.: 8.130 min
Delta R.T.: -0.004 min
Response: -994155
Conc: N.D.