

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0082319\
 Data File : P0059760.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 23 Aug 2019 19:28
 Operator : SM/AJ
 Sample : K4477-12
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 22:26:37 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\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...	4.124	3.498	1038244	936100	29.653	26.006
2)	SA Decachlor...	9.598	8.358	844235	689505	15.869	17.100
Target Compounds							
3)	L1 AR-1016-1	5.275	0.000	390	0	0.243	N.D. #
4)	L1 AR-1016-2	5.297	0.000	1466	0	0.613	N.D. #
5)	L1 AR-1016-3	5.350	0.000	1166	0	0.783	N.D. #
6)	L1 AR-1016-4	5.453	0.000	386	0	0.319	N.D. #
7)	L1 AR-1016-5	5.761	4.965	5245	4180	4.085	3.629
8)	L2 AR-1221-1	4.382	0.000	829	0	1.958	N.D. #
9)	L2 AR-1221-2	4.425	3.791	15945	16491	49.093	54.135
10)	L2 AR-1221-3	4.513	0.000	1585	0	1.507	N.D. #
11)	L3 AR-1232-1	4.513	0.000	1585	0	1.272	N.D. #
12)	L3 AR-1232-2	5.034	0.000	1457	0	2.063	N.D. #
13)	L3 AR-1232-3	5.326	0.000	1154	0	0.754	N.D. #
14)	L3 AR-1232-4	5.491	0.000	1230	0	1.574	N.D. #
15)	L3 AR-1232-5	5.544	4.965	4000	4180	6.654	6.140
16)	L4 AR-1242-1	5.297	0.000	1466	0	1.155	N.D. #
17)	L4 AR-1242-2	5.326	0.000	1154	0	0.622	N.D. #
18)	L4 AR-1242-3	5.387	0.000	5754	0	4.923	N.D. #
19)	L4 AR-1242-4	5.491	0.000	1230	0	1.271	N.D. #
20)	L4 AR-1242-5	6.224	0.000	1944	0	1.547	N.D. #
21)	L5 AR-1248-1	5.275	0.000	390	0	0.389	N.D. #
22)	L5 AR-1248-2	5.544	0.000	4000	0	2.757	N.D. #
23)	L5 AR-1248-3	5.761	0.000	5245	0	3.156	N.D. #
24)	L5 AR-1248-4	6.138	4.965	4460	4180	2.182	2.877 #
25)	L5 AR-1248-5	6.179	0.000	1899	0	0.958	N.D. #
26)	L6 AR-1254-1	6.109	0.000	5393	0	2.585	N.D. #
27)	L6 AR-1254-2	6.329	5.536	6139	9181	1.840	4.375 #
28)	L6 AR-1254-3	6.661	0.000	1336	0	0.377	N.D. #
29)	L6 AR-1254-4	6.978	6.136	3435	5289	1.166	2.565 #
30)	L6 AR-1254-5	7.420	6.504	24028	11936	7.770	3.844 #
31)	L7 AR-1260-1	6.854	0.000	3098	0	1.149	N.D. #
32)	L7 AR-1260-2	7.111	6.187	19921	7237	5.369	2.470 #
33)	L7 AR-1260-3	7.465	6.312	15242	4158	4.652	1.570 #
34)	L7 AR-1260-4	0.000	6.741	0	4107	N.D.	1.815 #
35)	L7 AR-1260-5	7.996	7.037	37806	7902	5.339	1.436 #
36)	L8 AR-1262-1	7.479	6.574	3170	1878	0.653	0.504
37)	L8 AR-1262-2	8.039	7.037	64382	7902	8.344	1.344 #
38)	L8 AR-1262-3	8.325	7.309	215115	5993	42.160	2.359 #
39)	L8 AR-1262-4	8.375	7.401	117426	538	30.463	0.122 #
40)	L8 AR-1262-5	8.978	7.938	46145	1074	17.979	0.595 #
41)	L9 AR-1268-1	8.325	7.309	215115	5993	22.859	0.842 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082319\
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 Acq On : 23 Aug 2019 19:28
 Operator : SM/AJ
 Sample : K4477-12
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

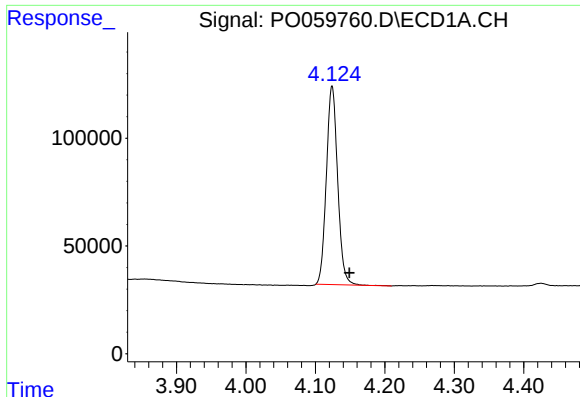
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 22:26:37 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
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 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	8.375	7.401	117426	538	14.897	0.084 #
43) L9	AR-1268-3	8.614	0.000	151515	0	21.495	N.D. #
44) L9	AR-1268-4	8.978	7.938	46145	1074	16.599	0.526 #
45) L9	AR-1268-5	9.347	8.096	9154	942	0.496	0.065 #

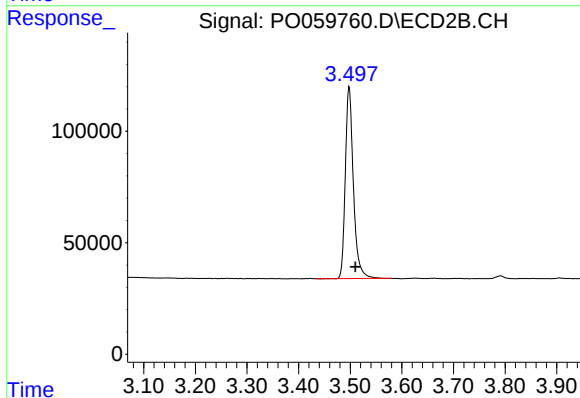
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

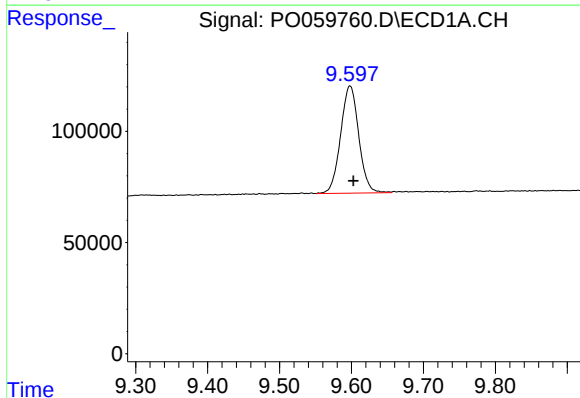
R.T.: 4.124 min
Delta R.T.: -0.025 min
Response: 1038244
Conc: 29.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



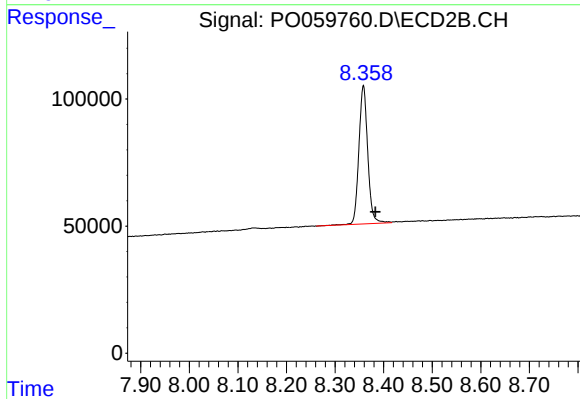
#1 Tetrachloro-m-xylene

R.T.: 3.498 min
Delta R.T.: -0.012 min
Response: 936100
Conc: 26.01 ng/ml



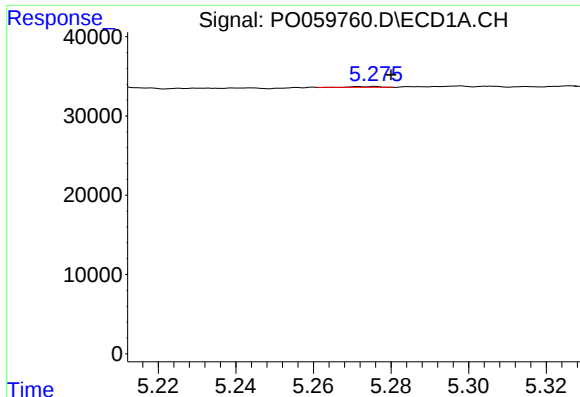
#2 Decachlorobiphenyl

R.T.: 9.598 min
Delta R.T.: -0.005 min
Response: 844235
Conc: 15.87 ng/ml



#2 Decachlorobiphenyl

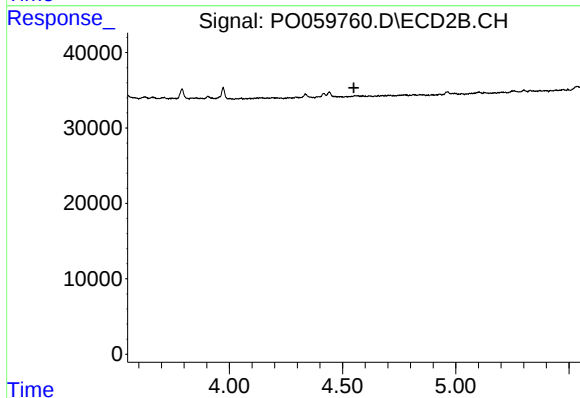
R.T.: 8.358 min
Delta R.T.: -0.025 min
Response: 689505
Conc: 17.10 ng/ml



#3 AR-1016-1

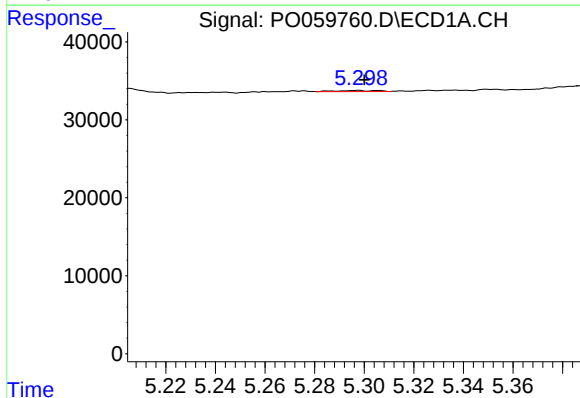
R.T.: 5.275 min
Delta R.T.: -0.005 min
Response: 390
Conc: 0.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



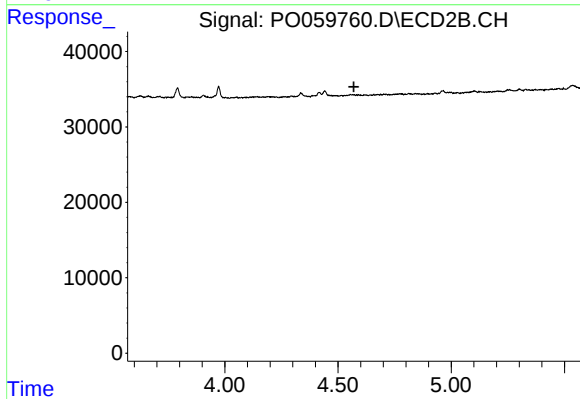
#3 AR-1016-1

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



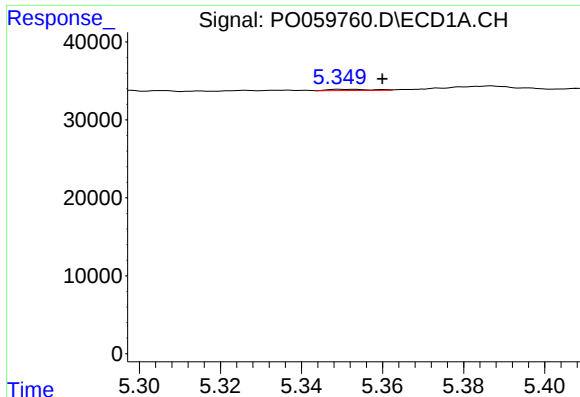
#4 AR-1016-2

R.T.: 5.297 min
Delta R.T.: -0.003 min
Response: 1466
Conc: 0.61 ng/ml



#4 AR-1016-2

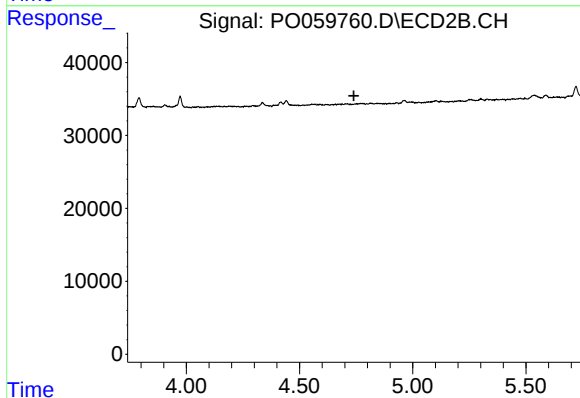
R.T.: 0.000 min
Exp R.T. : 4.570 min
Response: 0
Conc: N.D.



#5 AR-1016-3

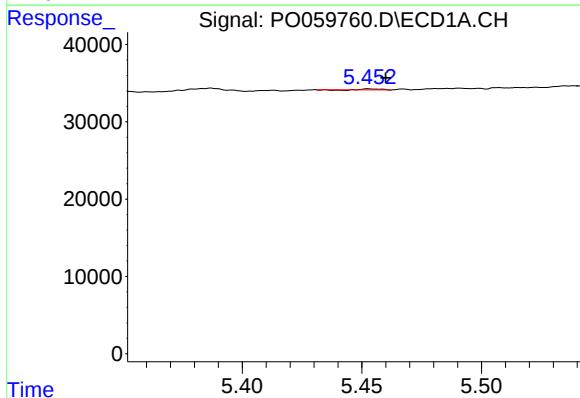
R.T.: 5.350 min
Delta R.T.: -0.010 min
Response: 1166
Conc: 0.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



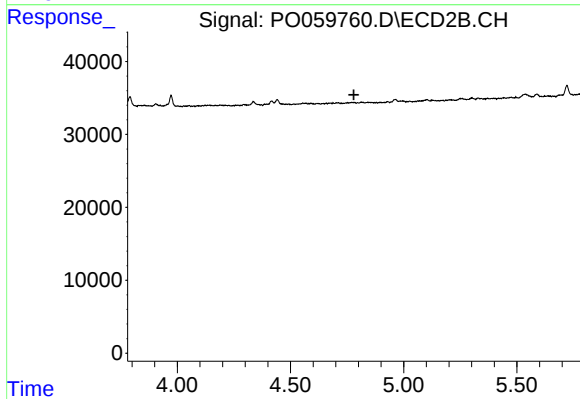
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.740 min
Response: 0
Conc: N.D.



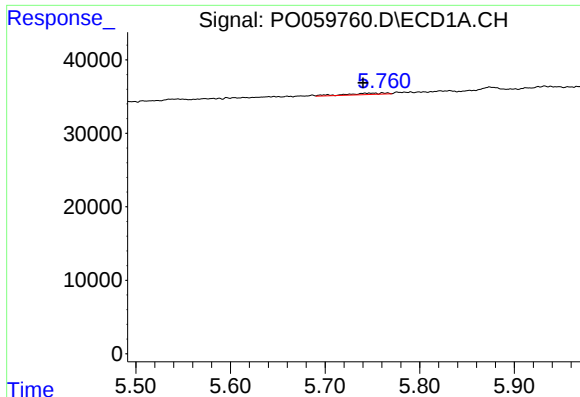
#6 AR-1016-4

R.T.: 5.453 min
Delta R.T.: -0.007 min
Response: 386
Conc: 0.32 ng/ml



#6 AR-1016-4

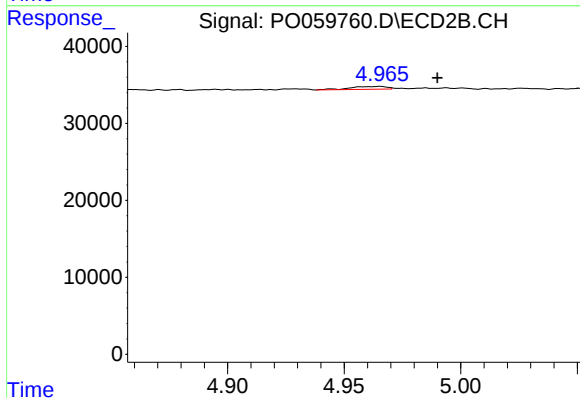
R.T.: 0.000 min
Exp R.T. : 4.780 min
Response: 0
Conc: N.D.



#7 AR-1016-5

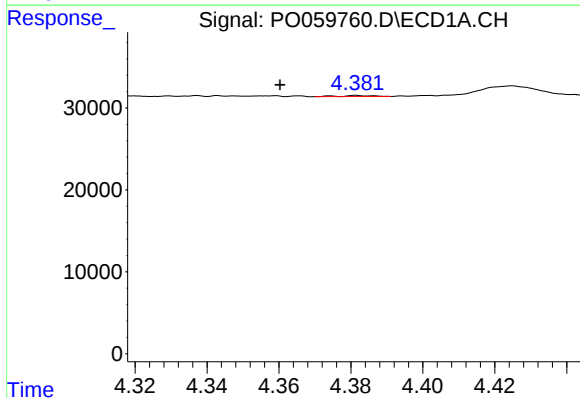
R.T.: 5.761 min
Delta R.T.: 0.021 min
Response: 5245
Conc: 4.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



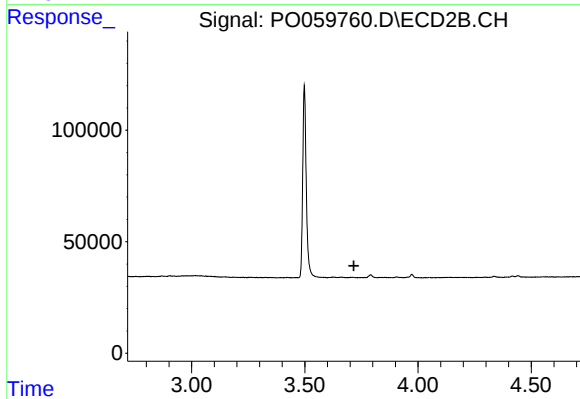
#7 AR-1016-5

R.T.: 4.965 min
Delta R.T.: -0.025 min
Response: 4180
Conc: 3.63 ng/ml



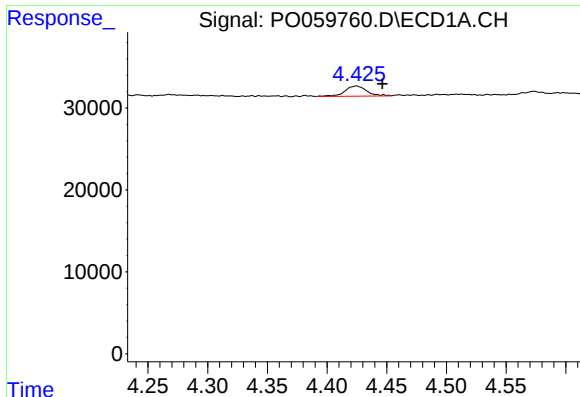
#8 AR-1221-1

R.T.: 4.382 min
Delta R.T.: 0.021 min
Response: 829
Conc: 1.96 ng/ml



#8 AR-1221-1

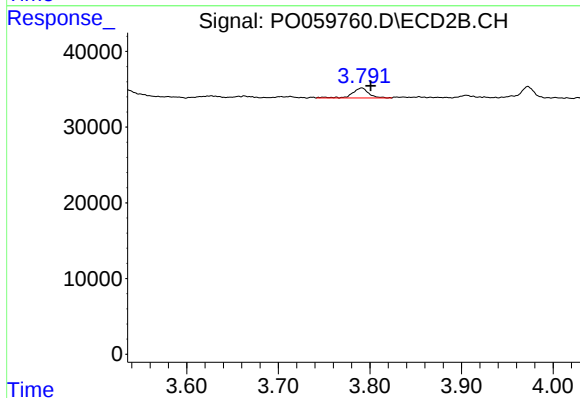
R.T.: 0.000 min
Exp R.T.: 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

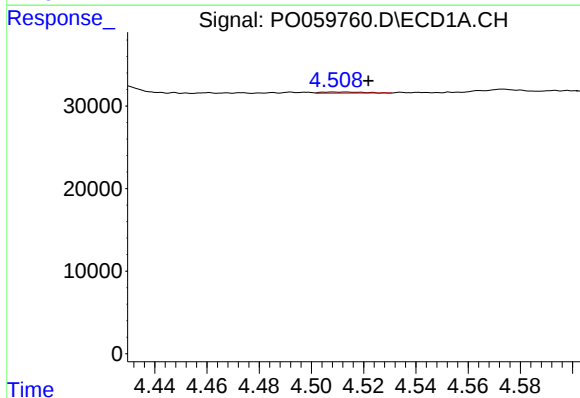
R.T.: 4.425 min
Delta R.T.: -0.022 min
Response: 15945
Conc: 49.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



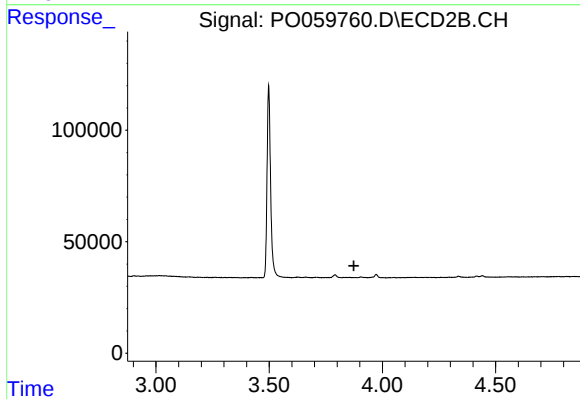
#9 AR-1221-2

R.T.: 3.791 min
Delta R.T.: -0.010 min
Response: 16491
Conc: 54.14 ng/ml



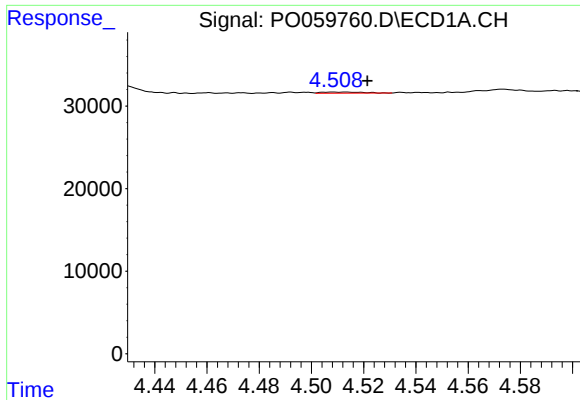
#10 AR-1221-3

R.T.: 4.513 min
Delta R.T.: -0.009 min
Response: 1585
Conc: 1.51 ng/ml



#10 AR-1221-3

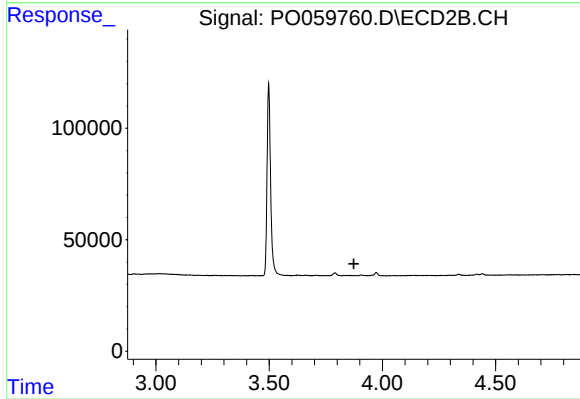
R.T.: 0.000 min
Exp R.T.: 3.874 min
Response: 0
Conc: N.D.



#11 AR-1232-1

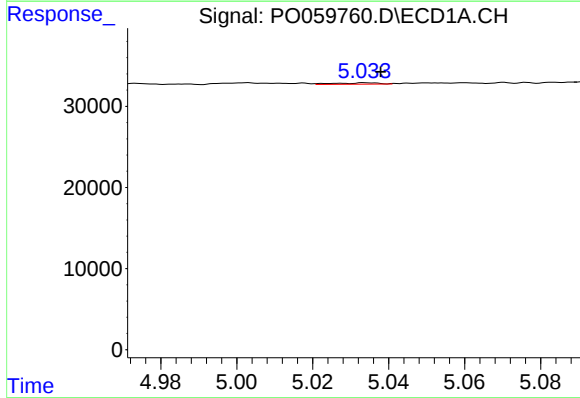
R.T.: 4.513 min
Delta R.T.: -0.009 min
Response: 1585
Conc: 1.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



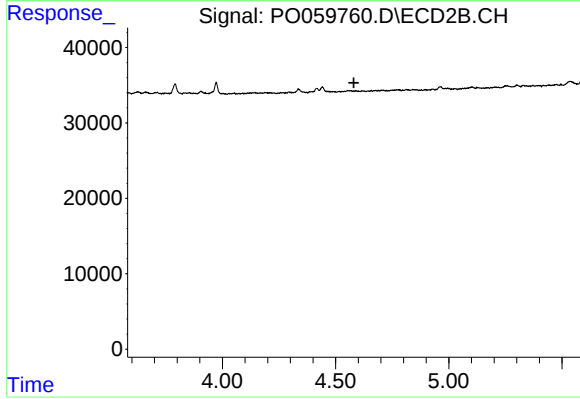
#11 AR-1232-1

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



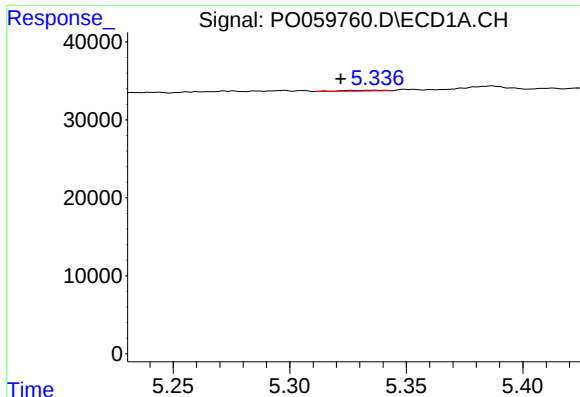
#12 AR-1232-2

R.T.: 5.034 min
Delta R.T.: -0.004 min
Response: 1457
Conc: 2.06 ng/ml



#12 AR-1232-2

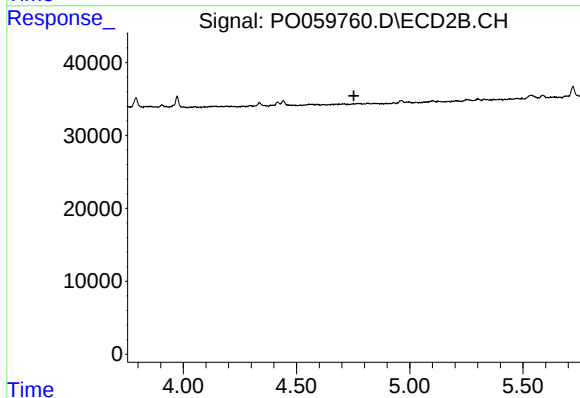
R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



#13 AR-1232-3

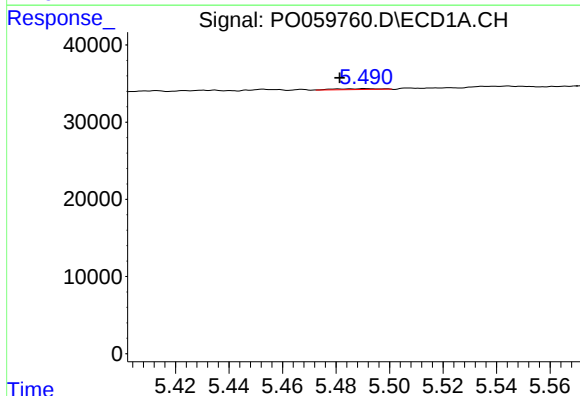
R.T.: 5.326 min
Delta R.T.: 0.004 min
Response: 1154
Conc: 0.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



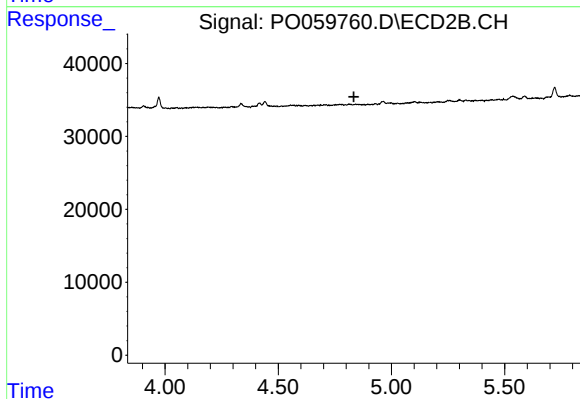
#13 AR-1232-3

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



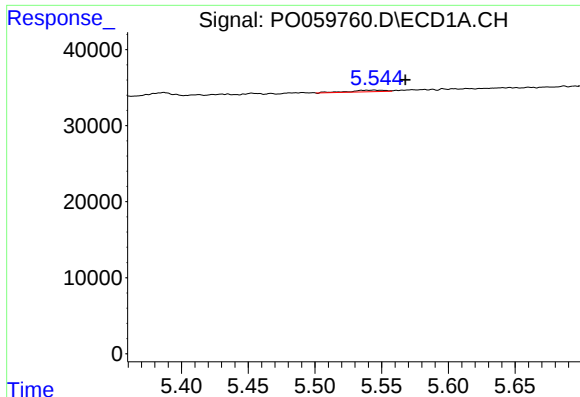
#14 AR-1232-4

R.T.: 5.491 min
Delta R.T.: 0.010 min
Response: 1230
Conc: 1.57 ng/ml



#14 AR-1232-4

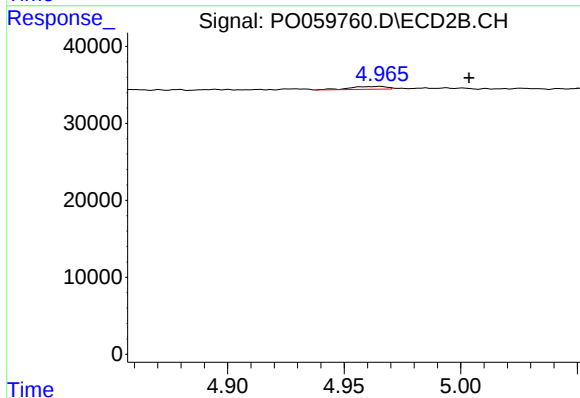
R.T.: 0.000 min
Exp R.T. : 4.834 min
Response: 0
Conc: N.D.



#15 AR-1232-5

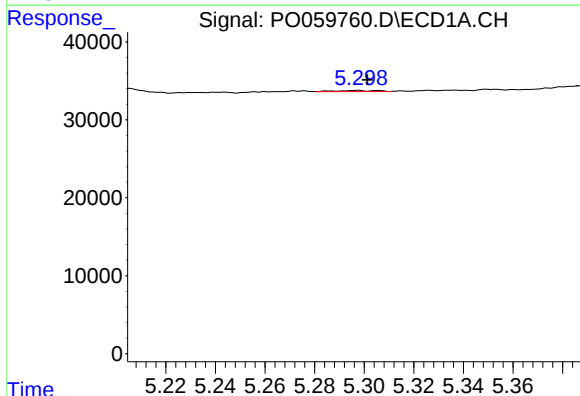
R.T.: 5.544 min
Delta R.T.: -0.024 min
Response: 4000
Conc: 6.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



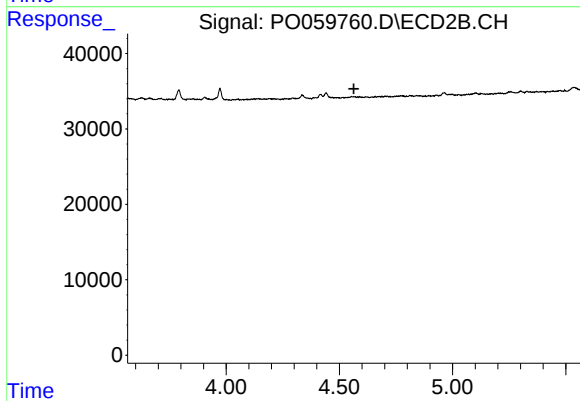
#15 AR-1232-5

R.T.: 4.965 min
Delta R.T.: -0.039 min
Response: 4180
Conc: 6.14 ng/ml



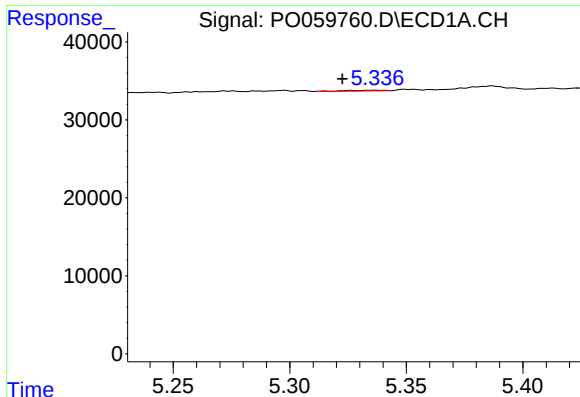
#16 AR-1242-1

R.T.: 5.297 min
Delta R.T.: -0.004 min
Response: 1466
Conc: 1.15 ng/ml



#16 AR-1242-1

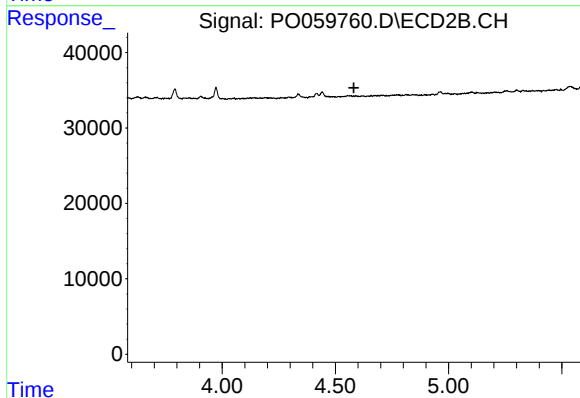
R.T.: 0.000 min
Exp R.T.: 4.564 min
Response: 0
Conc: N.D.



#17 AR-1242-2

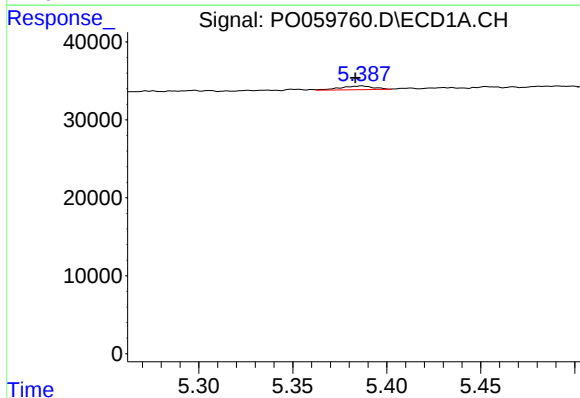
R.T.: 5.326 min
Delta R.T.: 0.003 min
Response: 1154
Conc: 0.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



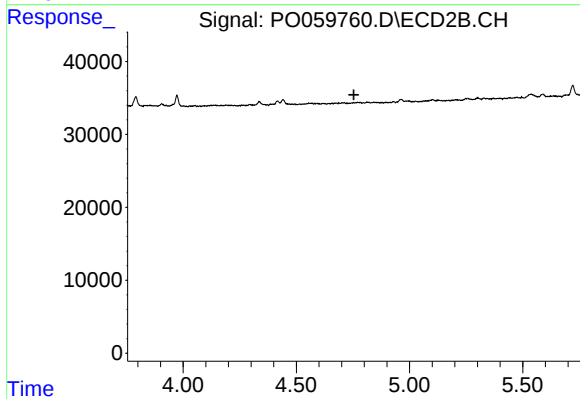
#17 AR-1242-2

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



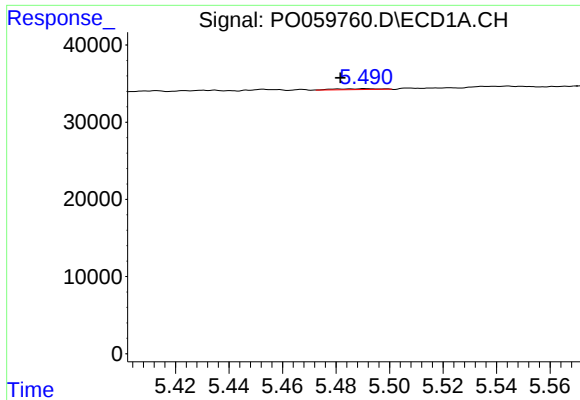
#18 AR-1242-3

R.T.: 5.387 min
Delta R.T.: 0.003 min
Response: 5754
Conc: 4.92 ng/ml



#18 AR-1242-3

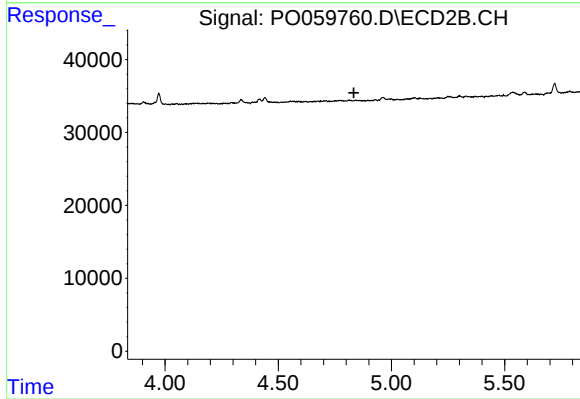
R.T.: 0.000 min
Exp R.T. : 4.754 min
Response: 0
Conc: N.D.



#19 AR-1242-4

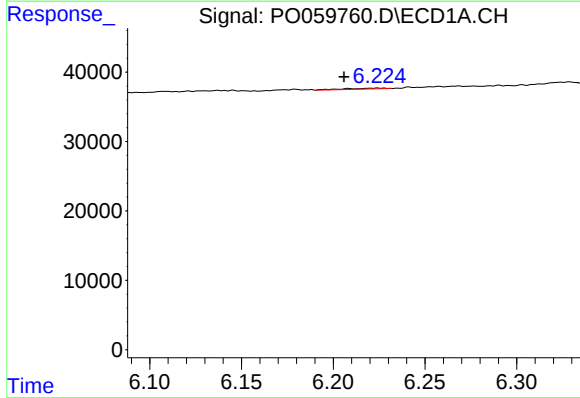
R.T.: 5.491 min
Delta R.T.: 0.010 min
Response: 1230
Conc: 1.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



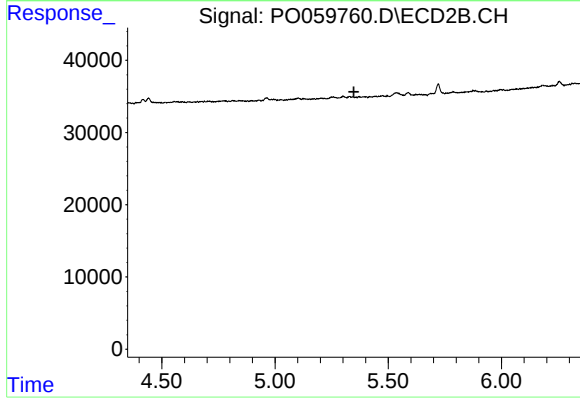
#19 AR-1242-4

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



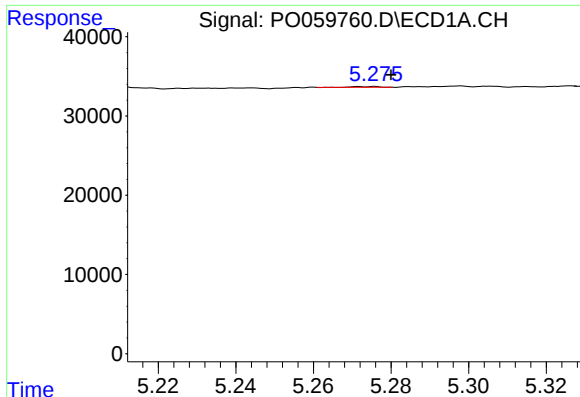
#20 AR-1242-5

R.T.: 6.224 min
Delta R.T.: 0.019 min
Response: 1944
Conc: 1.55 ng/ml



#20 AR-1242-5

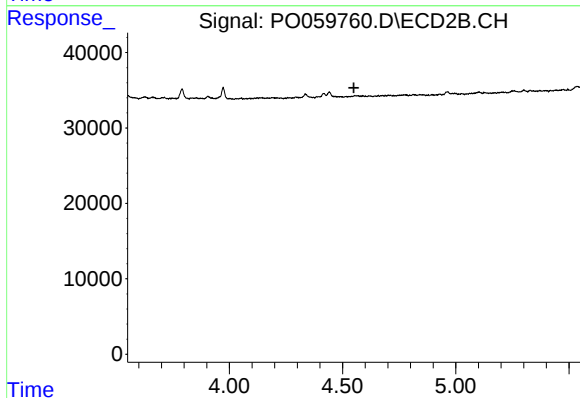
R.T.: 0.000 min
Exp R.T. : 5.348 min
Response: 0
Conc: N.D.



#21 AR-1248-1

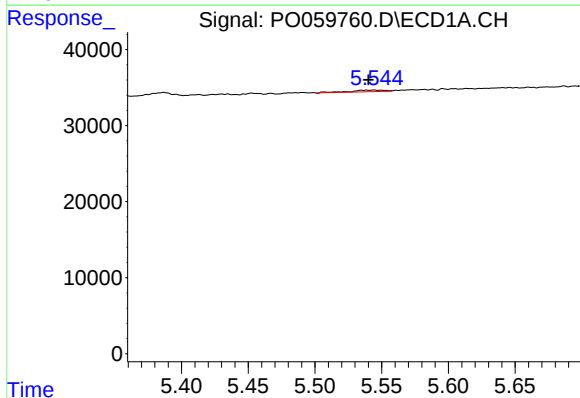
R.T.: 5.275 min
Delta R.T.: -0.005 min
Response: 390
Conc: 0.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



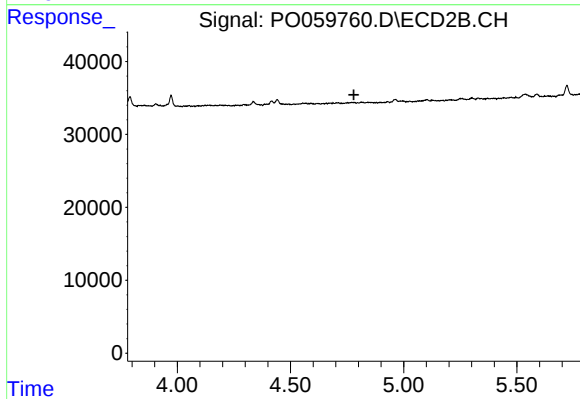
#21 AR-1248-1

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



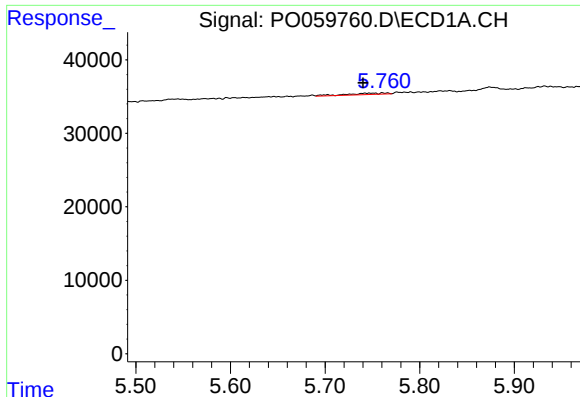
#22 AR-1248-2

R.T.: 5.544 min
Delta R.T.: 0.004 min
Response: 4000
Conc: 2.76 ng/ml



#22 AR-1248-2

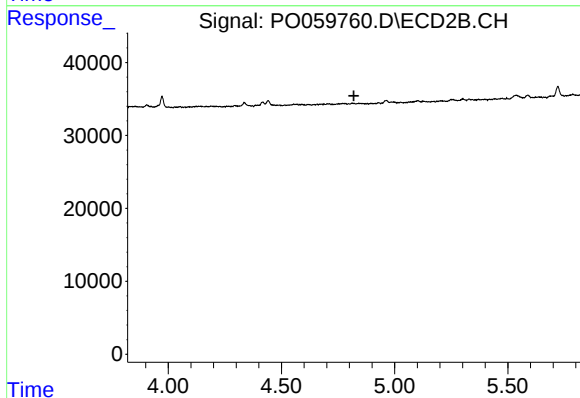
R.T.: 0.000 min
Exp R.T. : 4.780 min
Response: 0
Conc: N.D.



#23 AR-1248-3

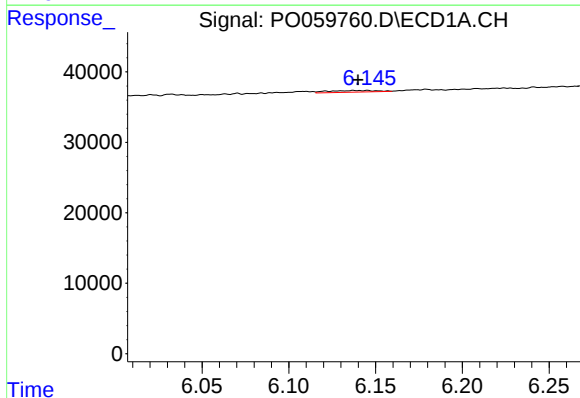
R.T.: 5.761 min
Delta R.T.: 0.021 min
Response: 5245
Conc: 3.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



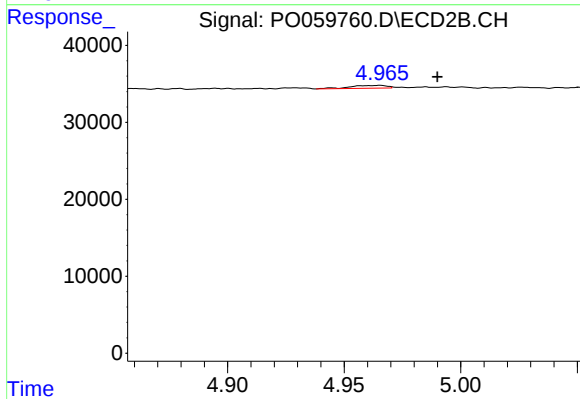
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.820 min
Response: 0
Conc: N.D.



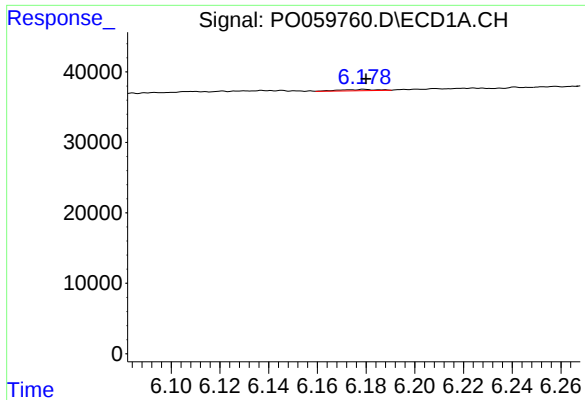
#24 AR-1248-4

R.T.: 6.138 min
Delta R.T.: -0.002 min
Response: 4460
Conc: 2.18 ng/ml



#24 AR-1248-4

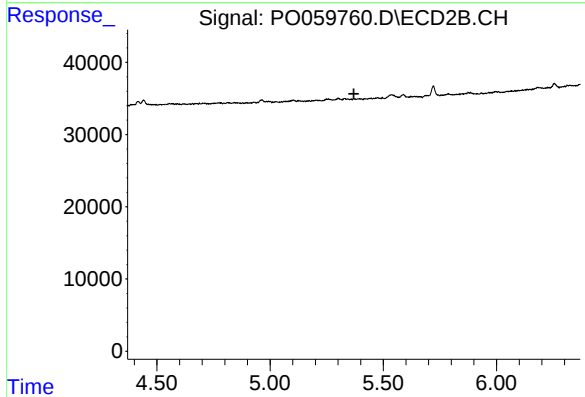
R.T.: 4.965 min
Delta R.T.: -0.025 min
Response: 4180
Conc: 2.88 ng/ml



#25 AR-1248-5

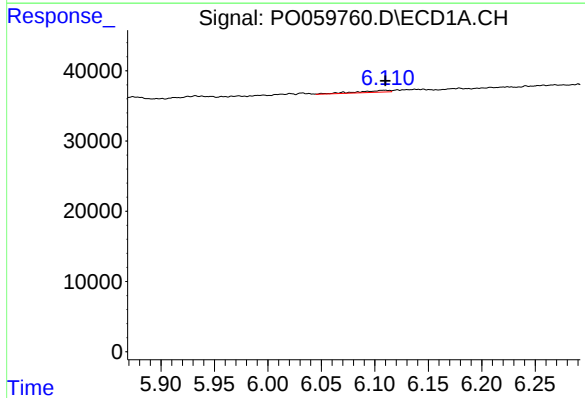
R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 1899
Conc: 0.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



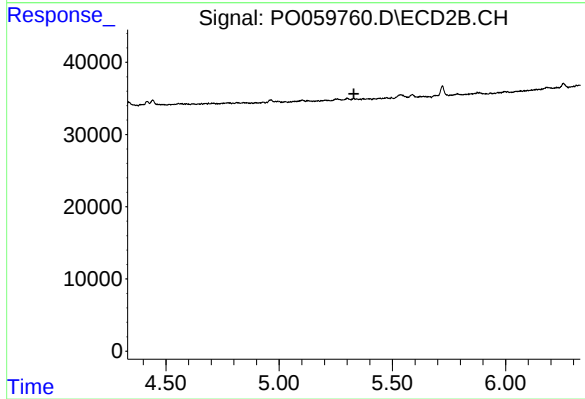
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.370 min
Response: 0
Conc: N.D.



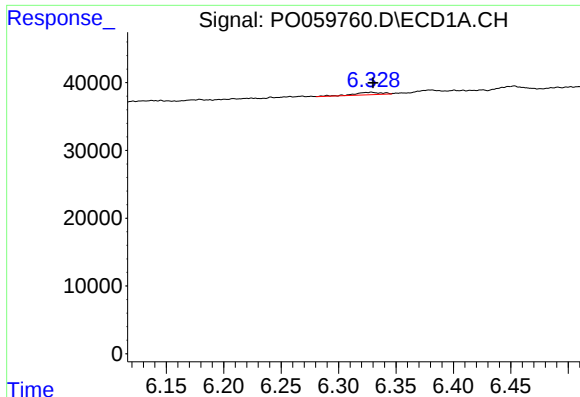
#26 AR-1254-1

R.T.: 6.109 min
Delta R.T.: -0.001 min
Response: 5393
Conc: 2.58 ng/ml



#26 AR-1254-1

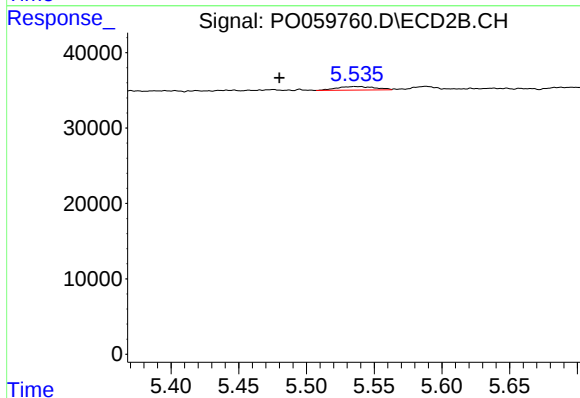
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#27 AR-1254-2

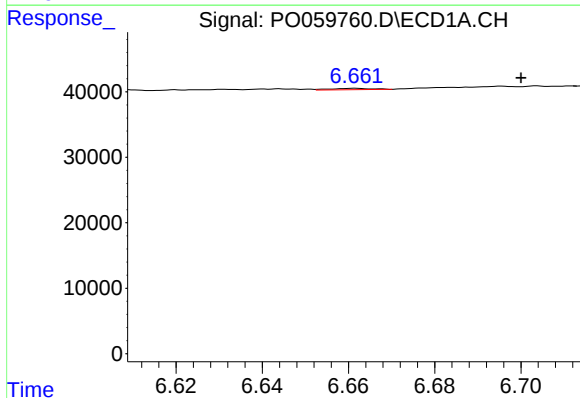
R.T.: 6.329 min
Delta R.T.: -0.001 min
Response: 6139
Conc: 1.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



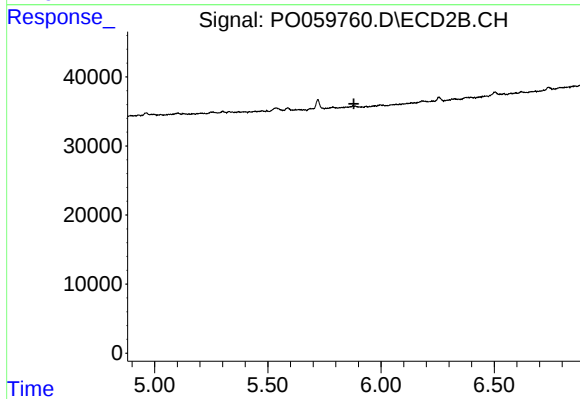
#27 AR-1254-2

R.T.: 5.536 min
Delta R.T.: 0.056 min
Response: 9181
Conc: 4.38 ng/ml



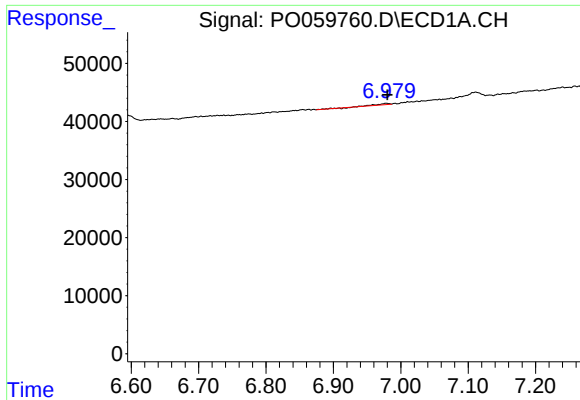
#28 AR-1254-3

R.T.: 6.661 min
Delta R.T.: -0.039 min
Response: 1336
Conc: 0.38 ng/ml



#28 AR-1254-3

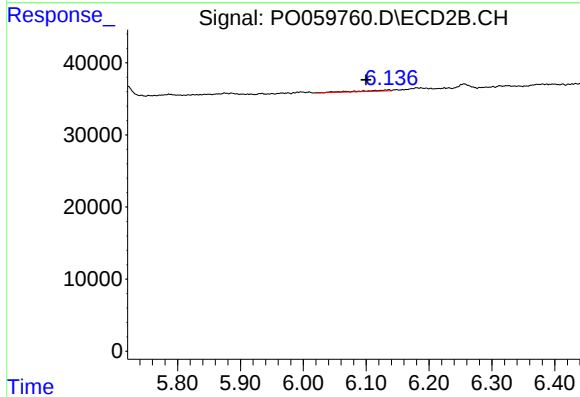
R.T.: 0.000 min
Exp R.T.: 5.880 min
Response: 0
Conc: N.D.



#29 AR-1254-4

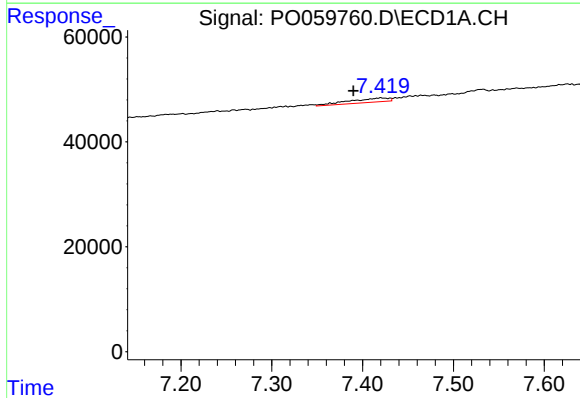
R.T.: 6.978 min
Delta R.T.: -0.002 min
Response: 3435
Conc: 1.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



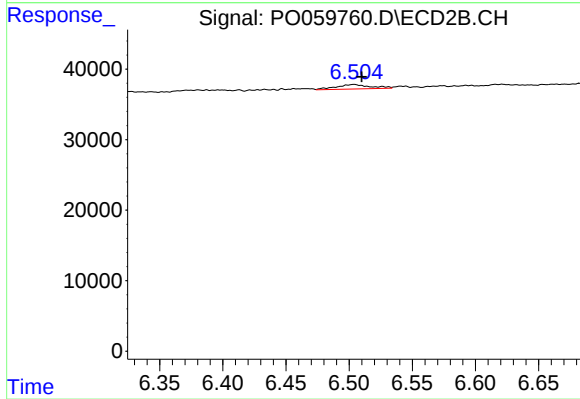
#29 AR-1254-4

R.T.: 6.136 min
Delta R.T.: 0.036 min
Response: 5289
Conc: 2.57 ng/ml



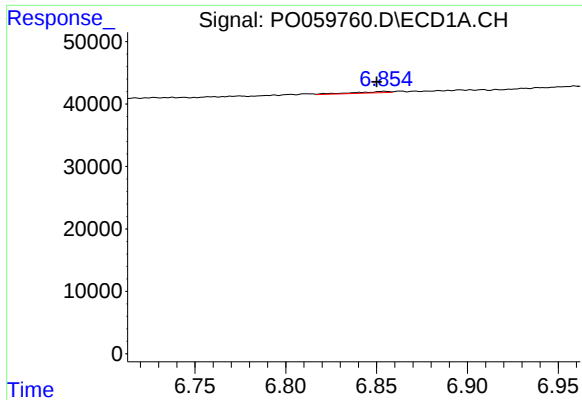
#30 AR-1254-5

R.T.: 7.420 min
Delta R.T.: 0.030 min
Response: 24028
Conc: 7.77 ng/ml



#30 AR-1254-5

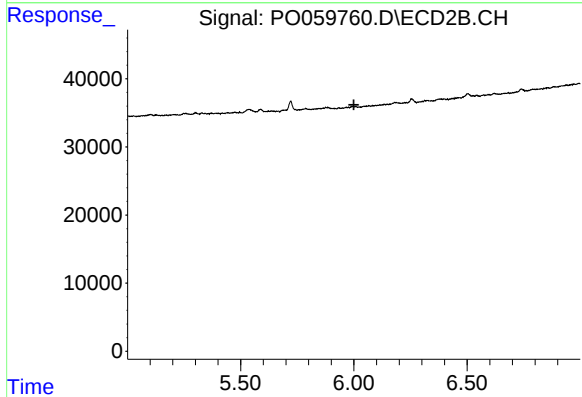
R.T.: 6.504 min
Delta R.T.: -0.006 min
Response: 11936
Conc: 3.84 ng/ml



#31 AR-1260-1

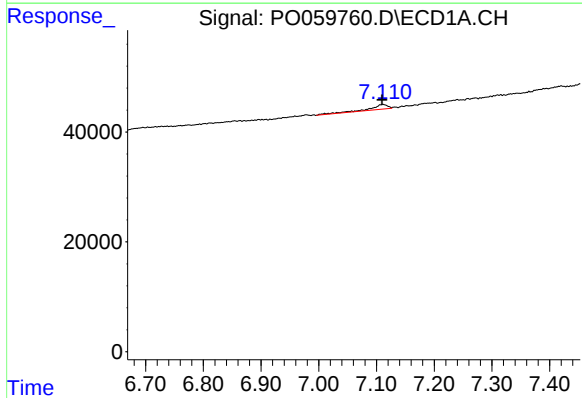
R.T.: 6.854 min
Delta R.T.: 0.004 min
Response: 3098
Conc: 1.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



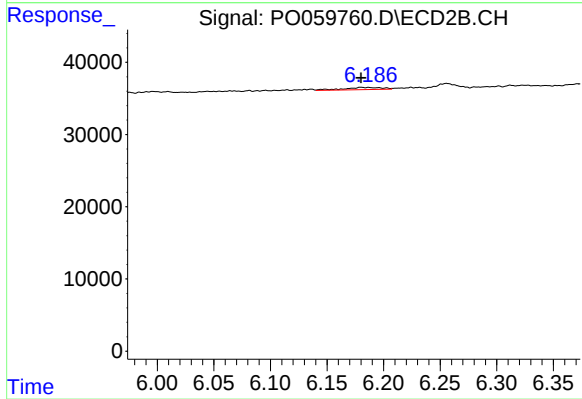
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.000 min
Response: 0
Conc: N.D.



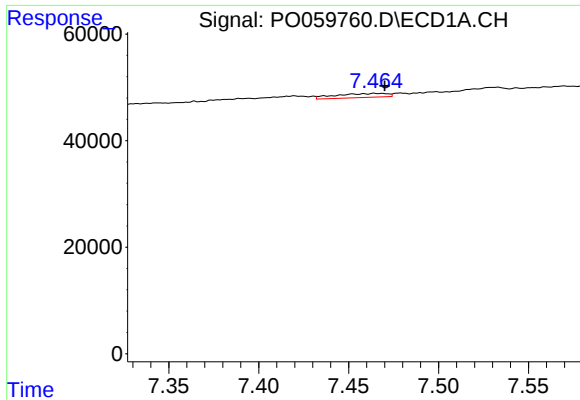
#32 AR-1260-2

R.T.: 7.111 min
Delta R.T.: 0.001 min
Response: 19921
Conc: 5.37 ng/ml



#32 AR-1260-2

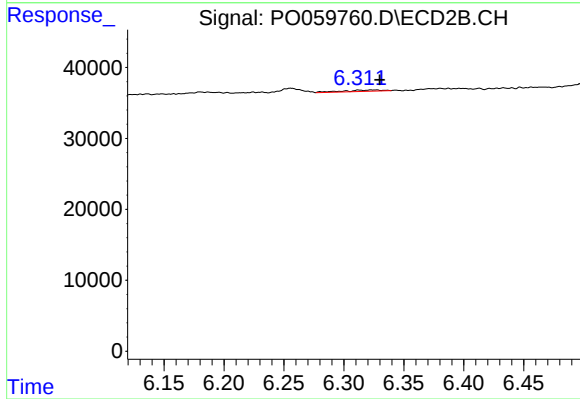
R.T.: 6.187 min
Delta R.T.: 0.007 min
Response: 7237
Conc: 2.47 ng/ml



#33 AR-1260-3

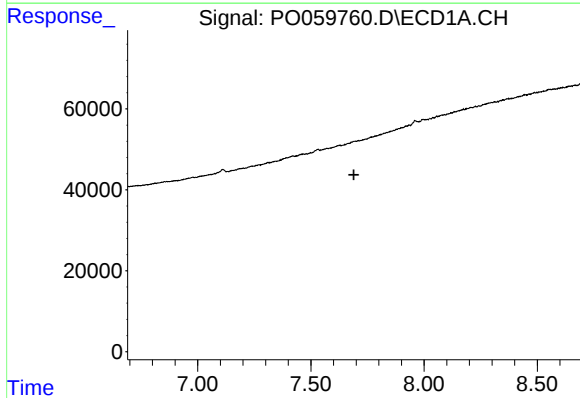
R.T.: 7.465 min
Delta R.T.: -0.005 min
Response: 15242
Conc: 4.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



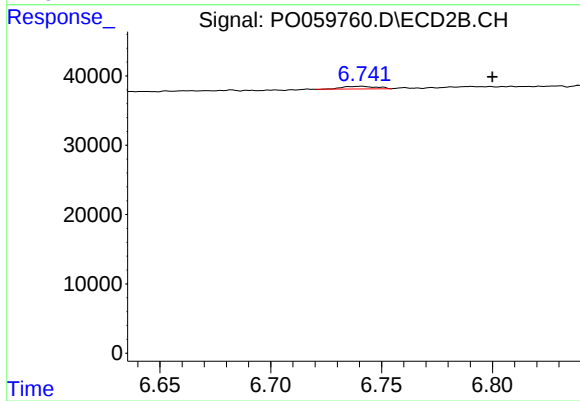
#33 AR-1260-3

R.T.: 6.312 min
Delta R.T.: -0.018 min
Response: 4158
Conc: 1.57 ng/ml



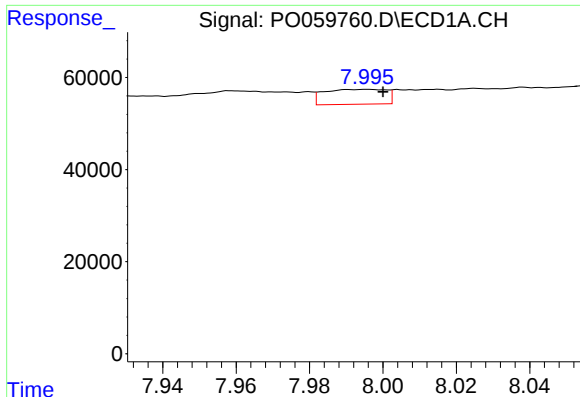
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 7.690 min
Response: 0
Conc: N.D.



#34 AR-1260-4

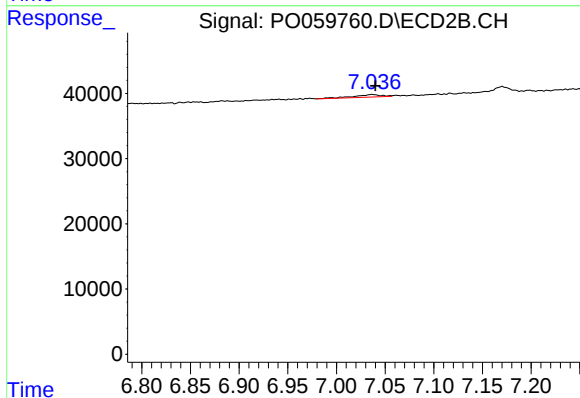
R.T.: 6.741 min
Delta R.T.: -0.059 min
Response: 4107
Conc: 1.82 ng/ml



#35 AR-1260-5

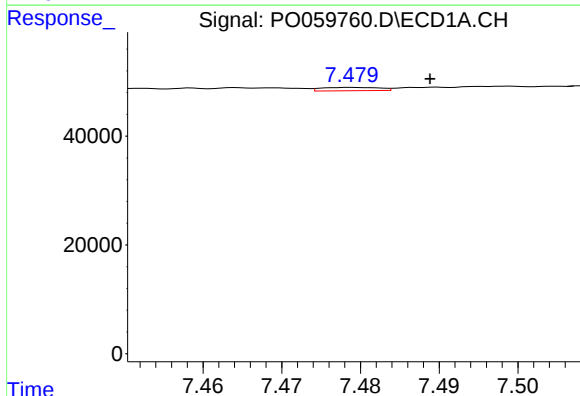
R.T.: 7.996 min
Delta R.T.: -0.004 min
Response: 37806
Conc: 5.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



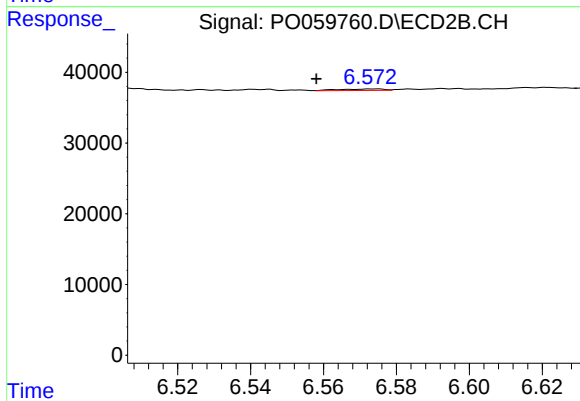
#35 AR-1260-5

R.T.: 7.037 min
Delta R.T.: -0.003 min
Response: 7902
Conc: 1.44 ng/ml



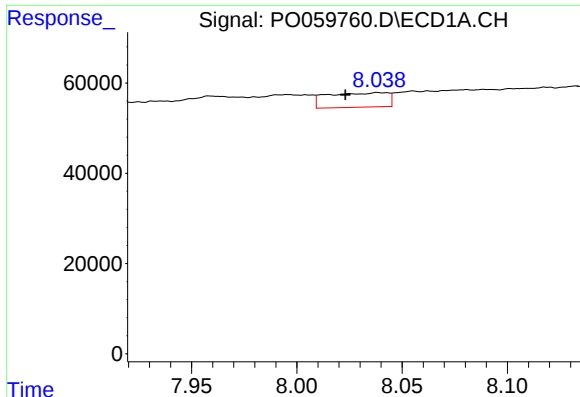
#36 AR-1262-1

R.T.: 7.479 min
Delta R.T.: -0.010 min
Response: 3170
Conc: 0.65 ng/ml



#36 AR-1262-1

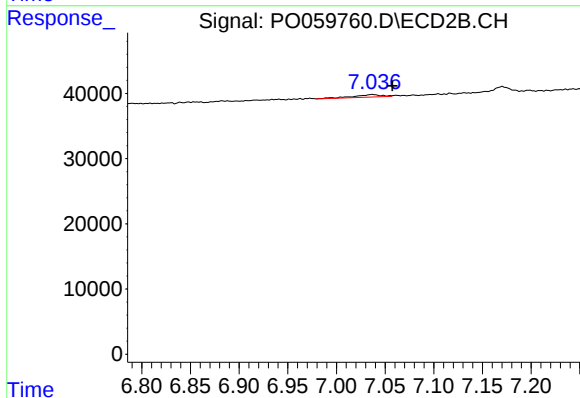
R.T.: 6.574 min
Delta R.T.: 0.016 min
Response: 1878
Conc: 0.50 ng/ml



#37 AR-1262-2

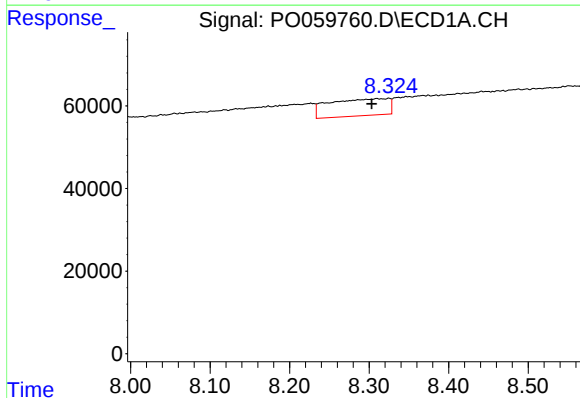
R.T.: 8.039 min
Delta R.T.: 0.015 min
Response: 64382
Conc: 8.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



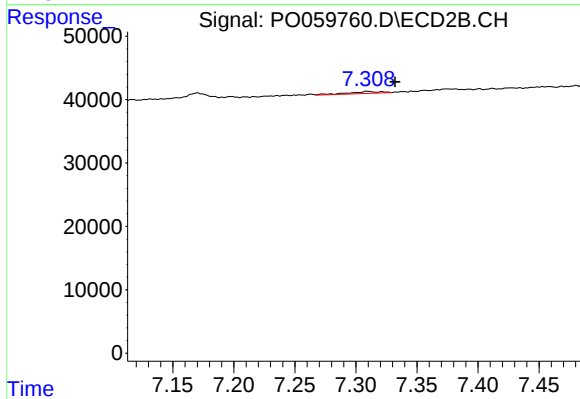
#37 AR-1262-2

R.T.: 7.037 min
Delta R.T.: -0.021 min
Response: 7902
Conc: 1.34 ng/ml



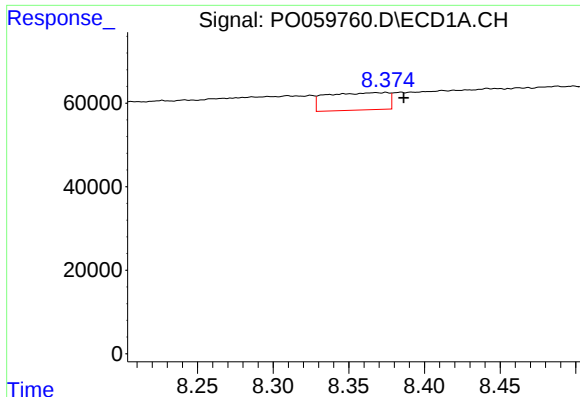
#38 AR-1262-3

R.T.: 8.325 min
Delta R.T.: 0.022 min
Response: 215115
Conc: 42.16 ng/ml



#38 AR-1262-3

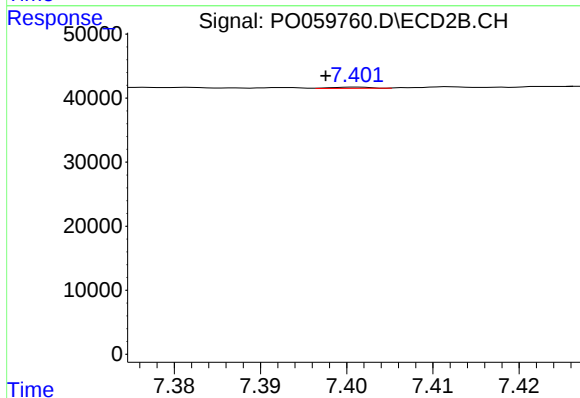
R.T.: 7.309 min
Delta R.T.: -0.023 min
Response: 5993
Conc: 2.36 ng/ml



#39 AR-1262-4

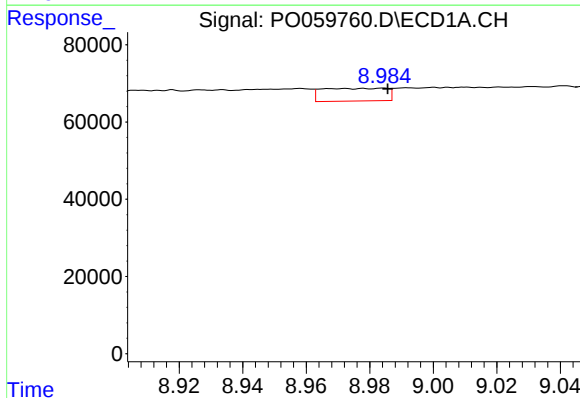
R.T.: 8.375 min
Delta R.T.: -0.012 min
Response: 117426
Conc: 30.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



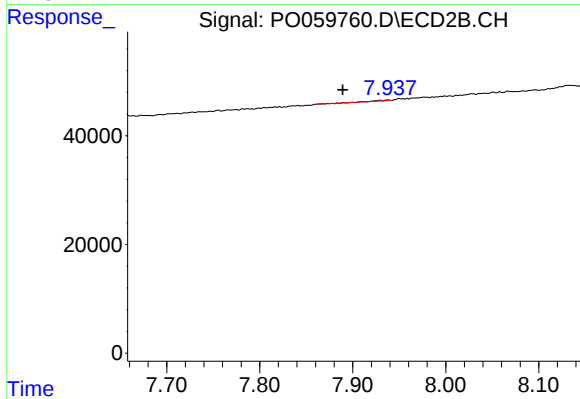
#39 AR-1262-4

R.T.: 7.401 min
Delta R.T.: 0.003 min
Response: 538
Conc: 0.12 ng/ml



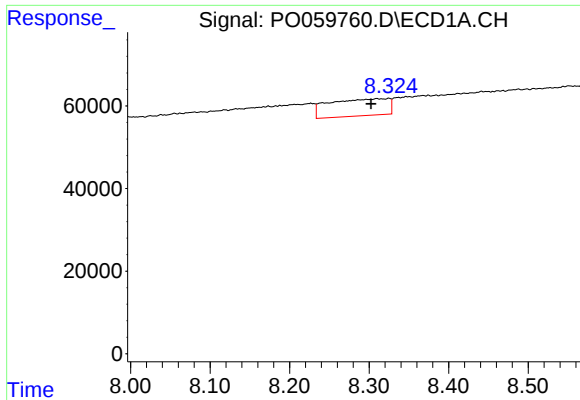
#40 AR-1262-5

R.T.: 8.978 min
Delta R.T.: -0.008 min
Response: 46145
Conc: 17.98 ng/ml



#40 AR-1262-5

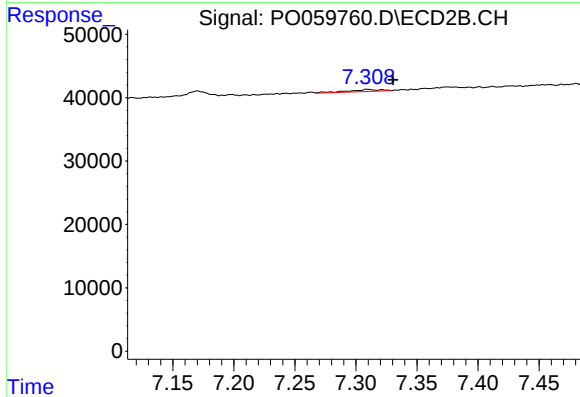
R.T.: 7.938 min
Delta R.T.: 0.049 min
Response: 1074
Conc: 0.59 ng/ml



#41 AR-1268-1

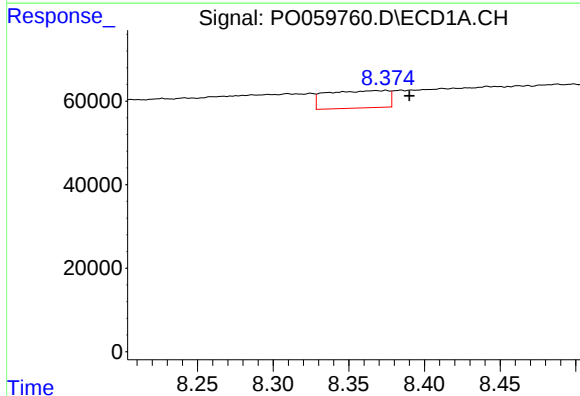
R.T.: 8.325 min
Delta R.T.: 0.022 min
Response: 215115
Conc: 22.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



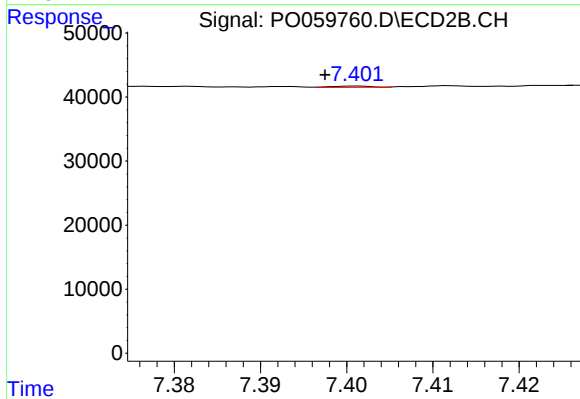
#41 AR-1268-1

R.T.: 7.309 min
Delta R.T.: -0.021 min
Response: 5993
Conc: 0.84 ng/ml



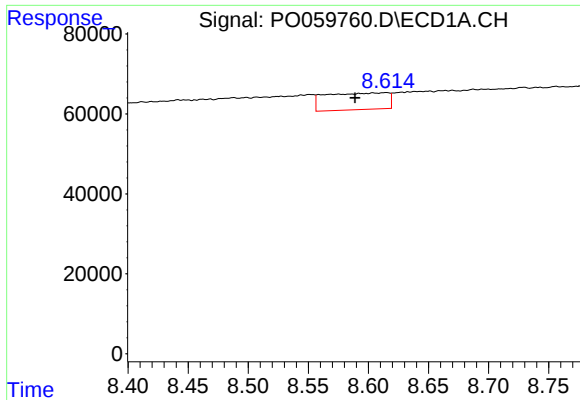
#42 AR-1268-2

R.T.: 8.375 min
Delta R.T.: -0.015 min
Response: 117426
Conc: 14.90 ng/ml



#42 AR-1268-2

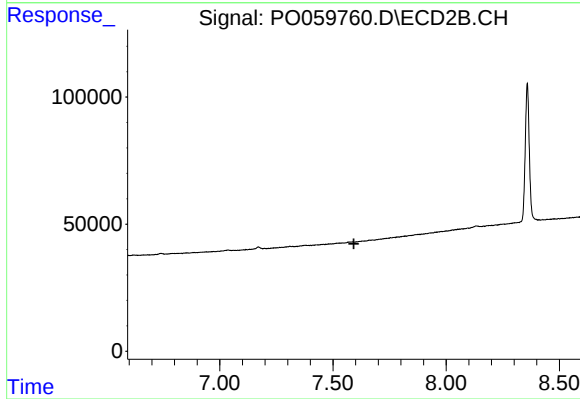
R.T.: 7.401 min
Delta R.T.: 0.003 min
Response: 538
Conc: 0.08 ng/ml



#43 AR-1268-3

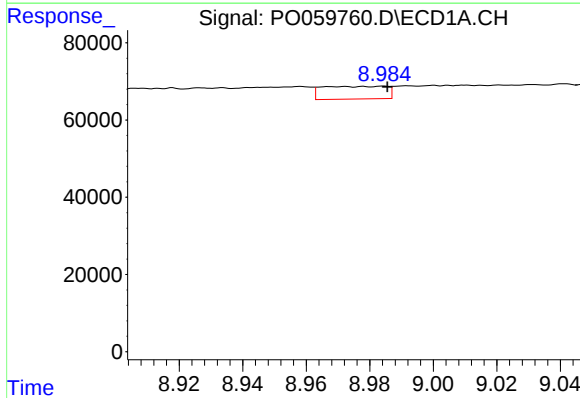
R.T.: 8.614 min
Delta R.T.: 0.026 min
Response: 151515
Conc: 21.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



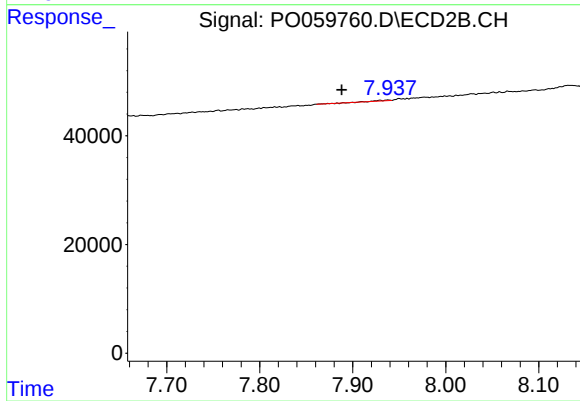
#43 AR-1268-3

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



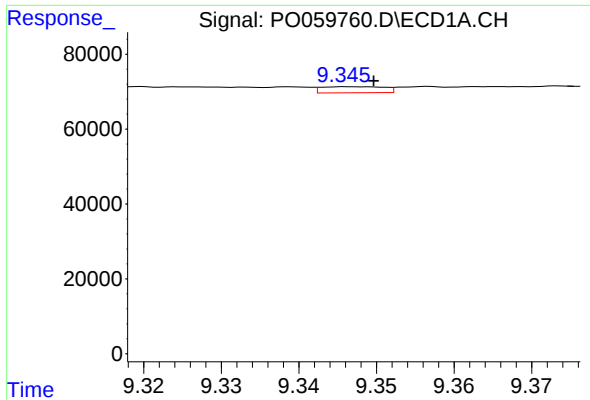
#44 AR-1268-4

R.T.: 8.978 min
Delta R.T.: -0.007 min
Response: 46145
Conc: 16.60 ng/ml



#44 AR-1268-4

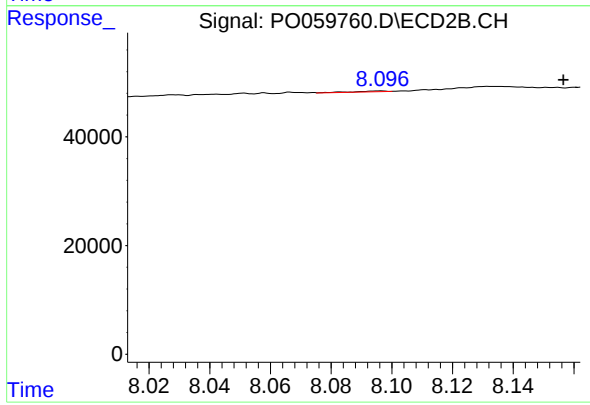
R.T.: 7.938 min
Delta R.T.: 0.050 min
Response: 1074
Conc: 0.53 ng/ml



#45 AR-1268-5

R.T.: 9.347 min
Delta R.T.: -0.003 min
Response: 9154
Conc: 0.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.096 min
Delta R.T.: -0.061 min
Response: 942
Conc: 0.06 ng/ml