

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080919\
 Data File : P0059123.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Aug 2019 00:21
 Operator : SM/SJ
 Sample : K4235-08
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 HPPER-4-080719-82

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 02:06:50 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 27 06:49:05 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...	4.149	3.513	675058	673290	15.996	16.853
2)	SA Decachlor...	9.646	8.390	932707	590018	17.223	14.947
Target Compounds							
3)	L1 AR-1016-1	5.363	4.565	7882	15595	4.206	10.697 #
4)	L1 AR-1016-2	5.363	4.565	7882	15595	2.865	7.265 #
5)	L1 AR-1016-3	5.417	4.800	10424	16884	6.139	14.866 #
6)	L1 AR-1016-4	5.525	4.800	525	16884	0.375	17.899 #
7)	L1 AR-1016-5	5.800	0.000	1993	0	1.391	N.D. #
8)	L2 AR-1221-1	4.385	0.000	33542	0	73.839	N.D. #
9)	L2 AR-1221-2	4.487	3.872	26281	105154	76.225	352.320 #
10)	L2 AR-1221-3	4.571	3.872	32324	105154	29.477	109.925 #
11)	L3 AR-1232-1	4.571	3.872	32324	105154	35.804	133.859 #
12)	L3 AR-1232-2	5.078	4.565	6701	15595	13.623	18.446 #
13)	L3 AR-1232-3	5.363	4.800	7882	16884	7.362	38.391 #
14)	L3 AR-1232-4	5.525	4.845	525	3623	0.985	9.167 #
15)	L3 AR-1232-5	5.601	0.000	8204	0	20.106	N.D. #
16)	L4 AR-1242-1	5.363	4.565	7882	15595	6.155	15.362 #
17)	L4 AR-1242-2	5.363	4.565	7882	15595	4.167	10.330 #
18)	L4 AR-1242-3	5.417	4.800	10424	16884	8.886	20.732 #
19)	L4 AR-1242-4	5.525	4.845	525	3623	0.546	4.479 #
20)	L4 AR-1242-5	6.242	0.000	11697	0	9.959	N.D. #
21)	L5 AR-1248-1	5.363	4.565	7882	15595	7.797	19.503 #
22)	L5 AR-1248-2	5.601	4.800	8204	16884	5.676	15.238 #
23)	L5 AR-1248-3	5.800	4.845	1993	3623	1.213	3.184 #
24)	L5 AR-1248-4	6.188	0.000	6107	0	3.016	N.D. #
25)	L5 AR-1248-5	6.242	0.000	11697	0	6.060	N.D. #
26)	L6 AR-1254-1	6.165	0.000	4530	0	1.919	N.D. #
27)	L6 AR-1254-2	6.381	0.000	1741	0	0.452	N.D. #
28)	L6 AR-1254-3	6.725	0.000	6612	0	1.633	N.D. #
29)	L6 AR-1254-4	7.084	0.000	46589	0	12.939	N.D. #
30)	L6 AR-1254-5	7.418	0.000	48795	0	13.462	N.D. #
31)	L7 AR-1260-1	6.920	0.000	7489	0	2.601	N.D. #
32)	L7 AR-1260-2	7.182	0.000	18922	0	4.548	N.D. #
33)	L7 AR-1260-3	7.530	0.000	1886	0	0.506	N.D. #
34)	L7 AR-1260-4	7.727	0.000	48917	0	14.355	N.D. #
36)	L8 AR-1262-1	7.530	0.000	1886	0	0.374	N.D. #
38)	L8 AR-1262-3	8.323	0.000	10279	0	2.022	N.D. #
39)	L8 AR-1262-4	8.425	0.000	5402	0	1.425	N.D. #
40)	L8 AR-1262-5	9.025	0.000	4111	0	1.789	N.D. #
41)	L9 AR-1268-1	8.323	0.000	10279	0	0.920	N.D. #
42)	L9 AR-1268-2	8.425	0.000	5402	0	0.575	N.D. #
43)	L9 AR-1268-3	8.624	0.000	10243	0	1.240	N.D. #
44)	L9 AR-1268-4	9.025	0.000	4111	0	1.375	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080919\
Data File : P0059123.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2019 00:21
Operator : SM/SJ
Sample : K4235-08
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-82

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 02:06:50 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 27 06:49:05 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	
45) L9	AR-1268-5	9.380	0.000	4938	0	0.230	N.D.	#

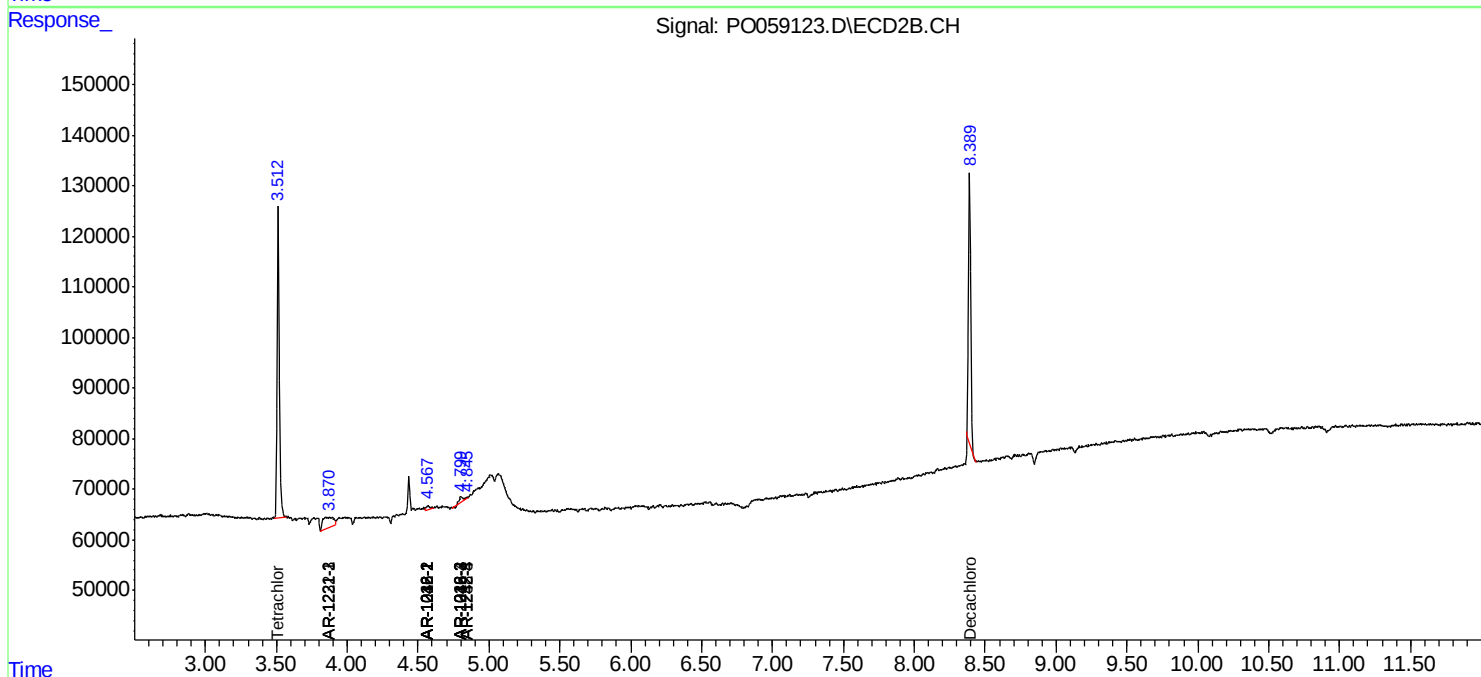
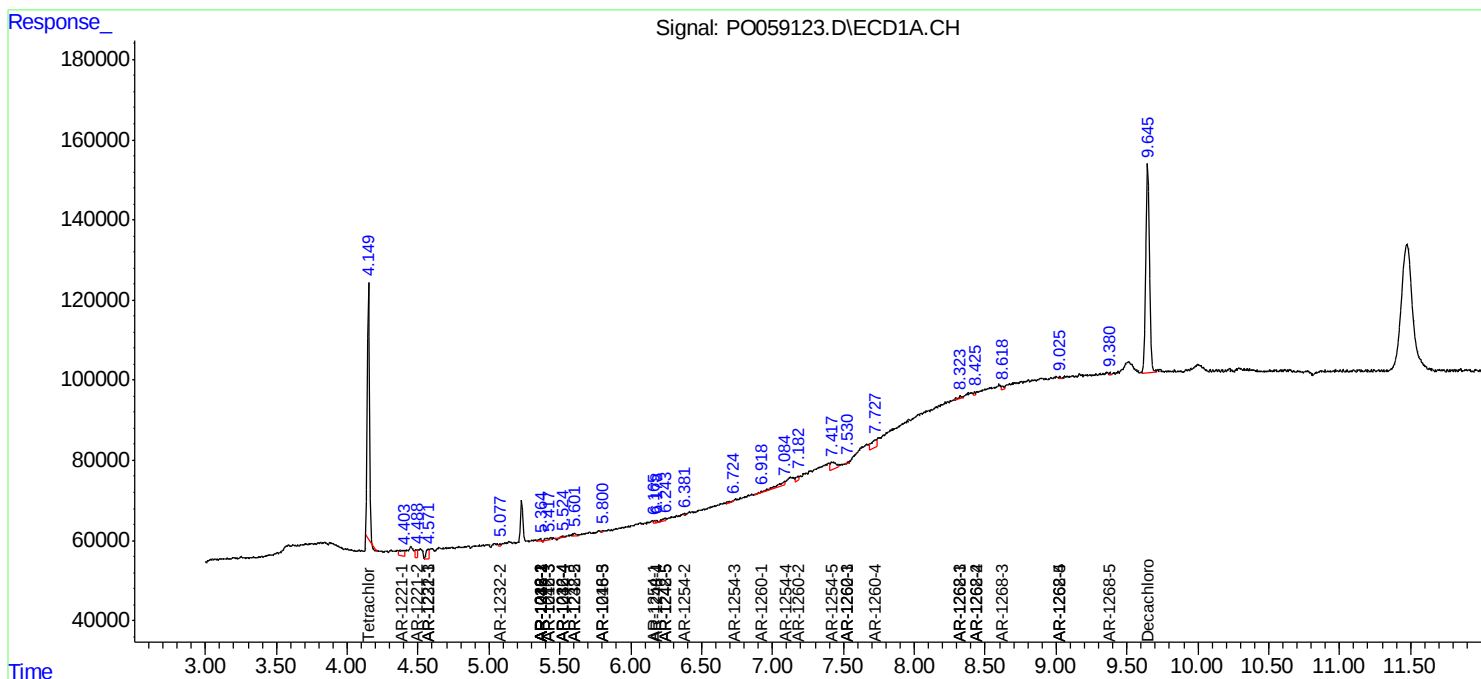
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

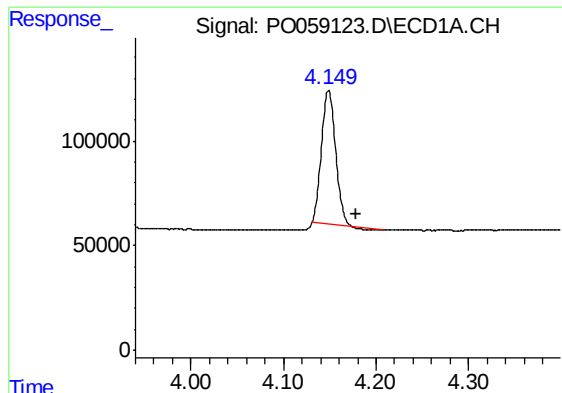
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080919\
Data File : PO059123.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2019 00:21
Operator : SM/SJ
Sample : K4235-08
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-82

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 02:06:50 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072819.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 27 06:49:05 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

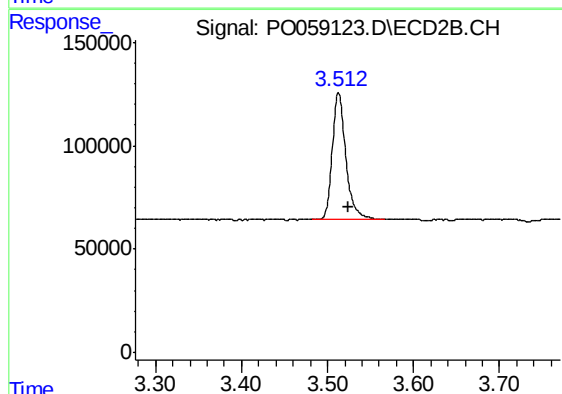




#1 Tetrachloro-m-xylene

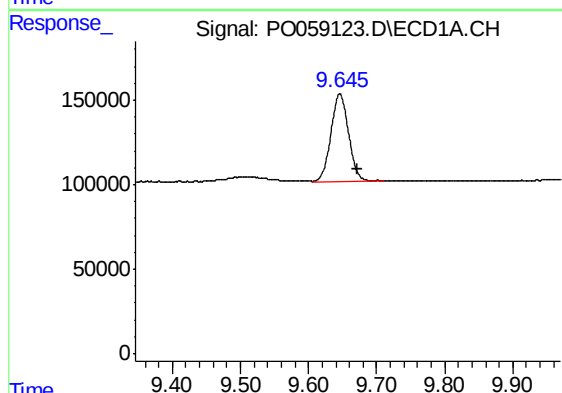
R.T.: 4.149 min
Delta R.T.: -0.030 min
Response: 675058
Conc: 16.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-82



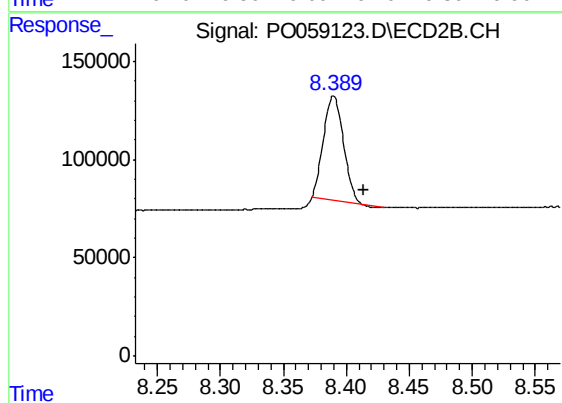
#1 Tetrachloro-m-xylene

R.T.: 3.513 min
Delta R.T.: -0.012 min
Response: 673290
Conc: 16.85 ng/ml



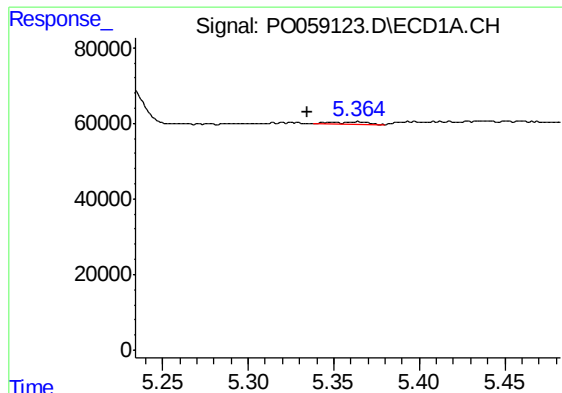
#2 Decachlorobiphenyl

R.T.: 9.646 min
Delta R.T.: -0.027 min
Response: 932707
Conc: 17.22 ng/ml



#2 Decachlorobiphenyl

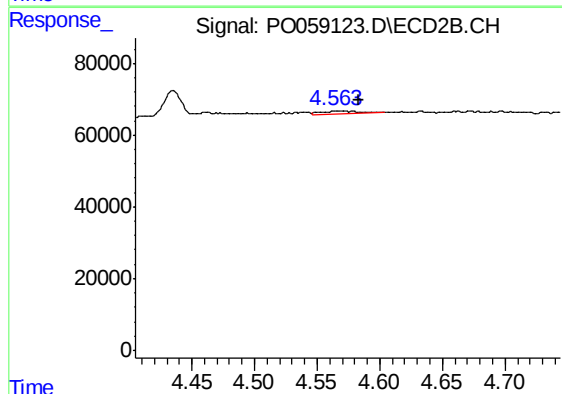
R.T.: 8.390 min
Delta R.T.: -0.024 min
Response: 590018
Conc: 14.95 ng/ml



#3 AR-1016-1

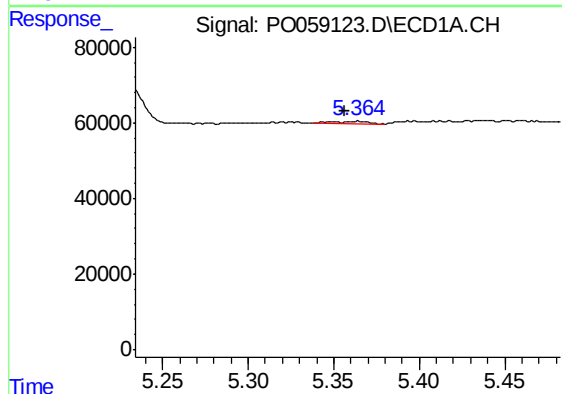
R.T.: 5.363 min
Delta R.T.: 0.028 min
Response: 7882
Conc: 4.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-82



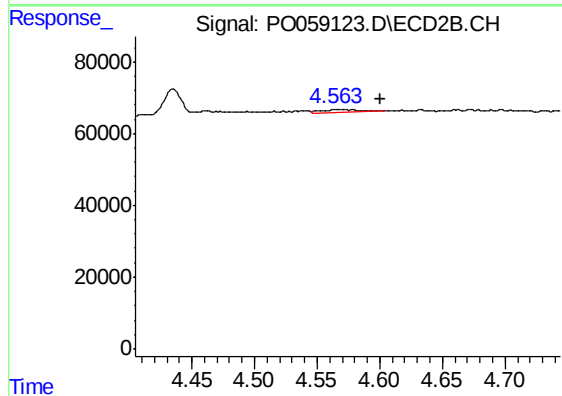
#3 AR-1016-1

R.T.: 4.565 min
Delta R.T.: -0.018 min
Response: 15595
Conc: 10.70 ng/ml



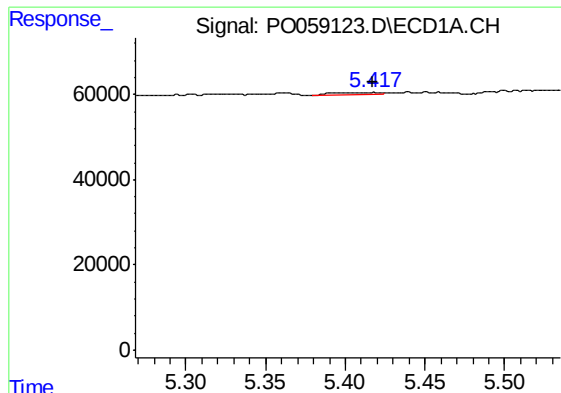
#4 AR-1016-2

R.T.: 5.363 min
Delta R.T.: 0.006 min
Response: 7882
Conc: 2.86 ng/ml



#4 AR-1016-2

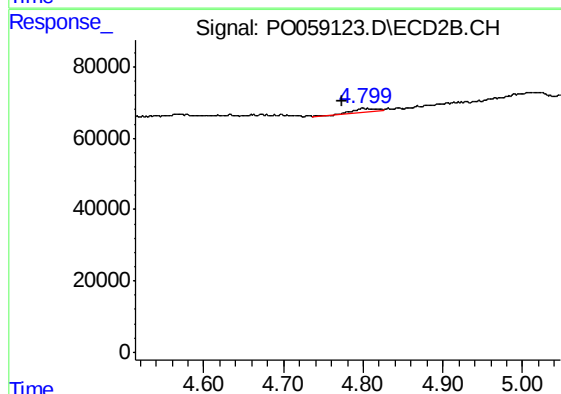
R.T.: 4.565 min
Delta R.T.: -0.035 min
Response: 15595
Conc: 7.27 ng/ml



#5 AR-1016-3

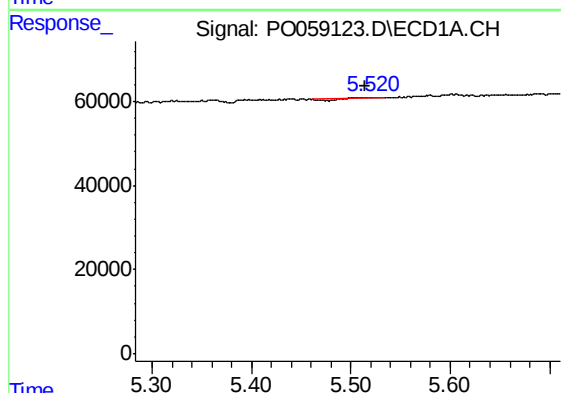
R.T.: 5.417 min
Delta R.T.: 0.000 min
Response: 10424
Conc: 6.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-82



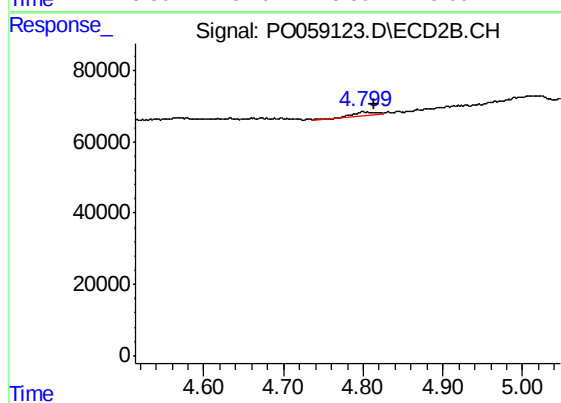
#5 AR-1016-3

R.T.: 4.800 min
Delta R.T.: 0.026 min
Response: 16884
Conc: 14.87 ng/ml



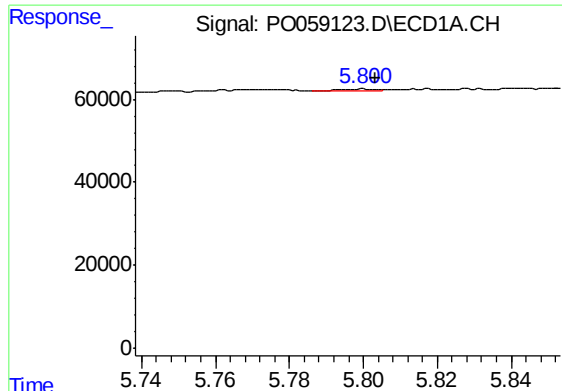
#6 AR-1016-4

R.T.: 5.525 min
Delta R.T.: 0.010 min
Response: 525
Conc: 0.38 ng/ml



#6 AR-1016-4

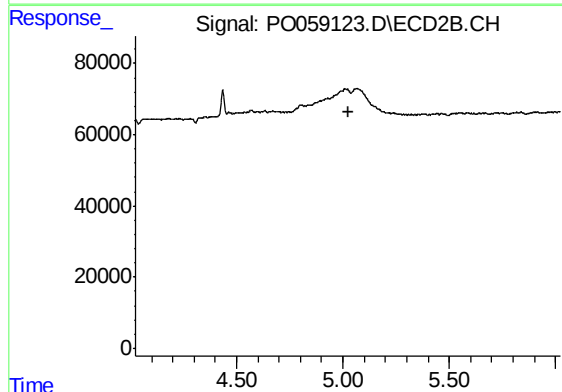
R.T.: 4.800 min
Delta R.T.: -0.015 min
Response: 16884
Conc: 17.90 ng/ml



#7 AR-1016-5

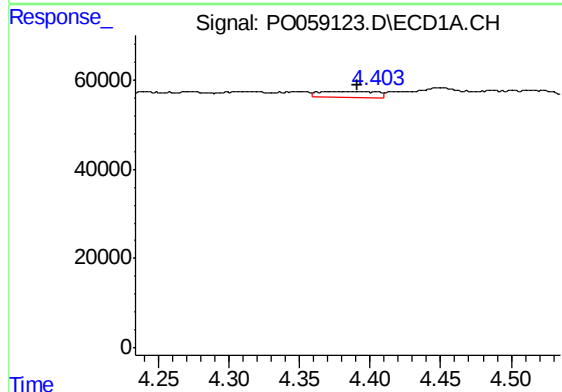
R.T.: 5.800 min
Delta R.T.: -0.003 min
Response: 1993
Conc: 1.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-82



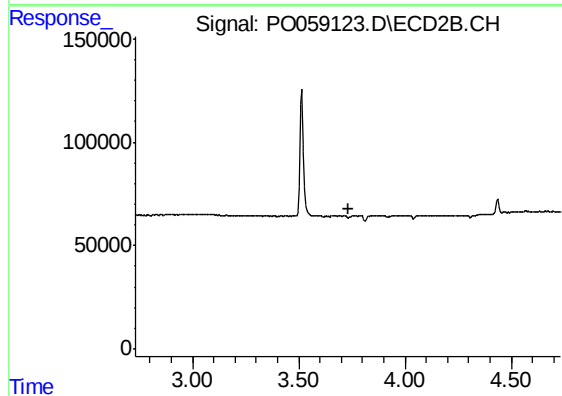
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.024 min
Response: 0
Conc: N.D.



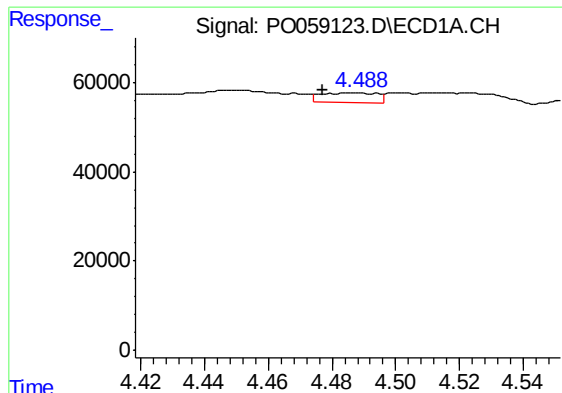
#8 AR-1221-1

R.T.: 4.385 min
Delta R.T.: -0.006 min
Response: 33542
Conc: 73.84 ng/ml



#8 AR-1221-1

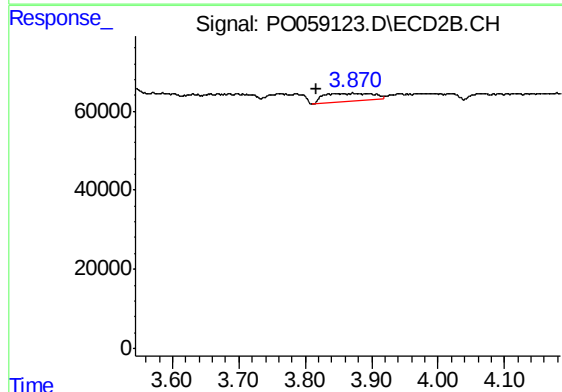
R.T.: 0.000 min
Exp R.T. : 3.732 min
Response: 0
Conc: N.D.



#9 AR-1221-2

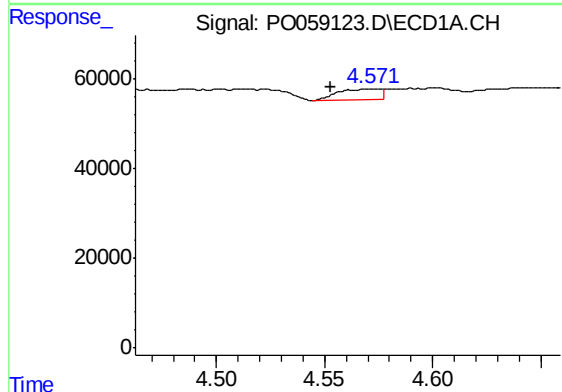
R.T.: 4.487 min
Delta R.T.: 0.010 min
Response: 26281
Conc: 76.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-82



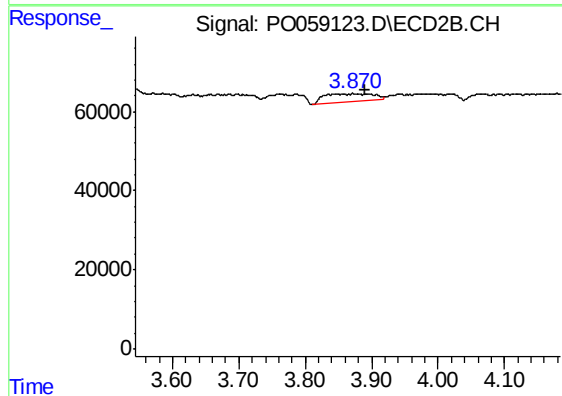
#9 AR-1221-2

R.T.: 3.872 min
Delta R.T.: 0.055 min
Response: 105154
Conc: 352.32 ng/ml



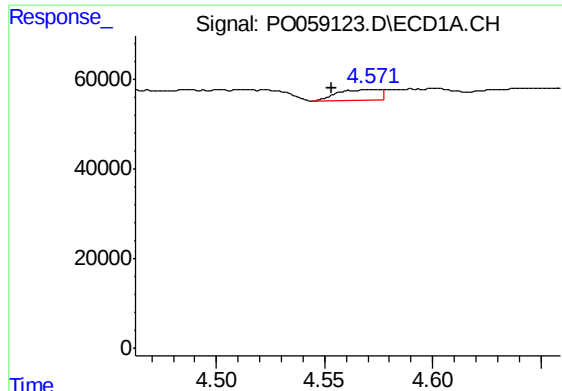
#10 AR-1221-3

R.T.: 4.571 min
Delta R.T.: 0.019 min
Response: 32324
Conc: 29.48 ng/ml



#10 AR-1221-3

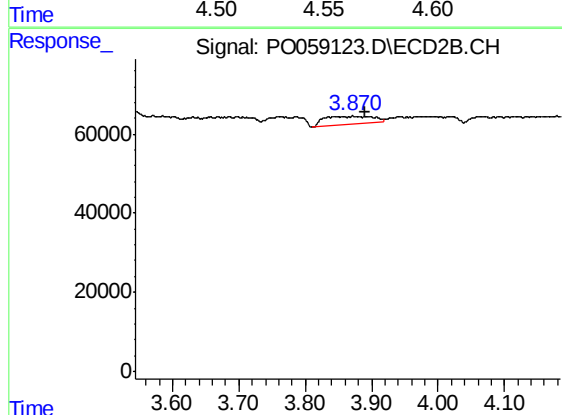
R.T.: 3.872 min
Delta R.T.: -0.018 min
Response: 105154
Conc: 109.92 ng/ml



#11 AR-1232-1

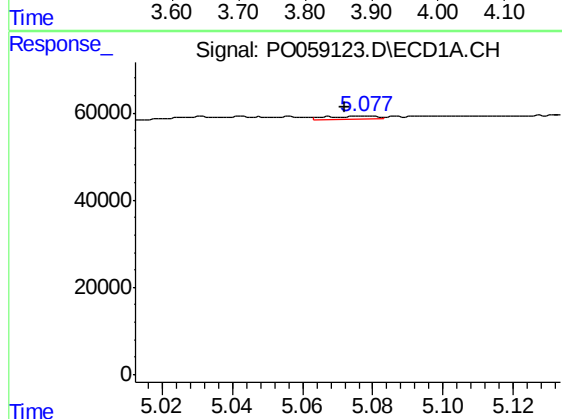
R.T.: 4.571 min
Delta R.T.: 0.018 min
Response: 32324
Conc: 35.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-82



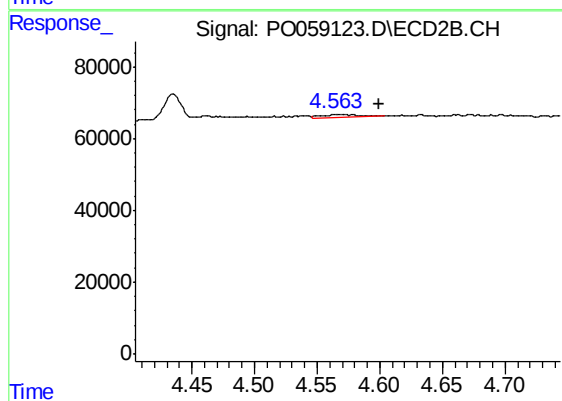
#11 AR-1232-1

R.T.: 3.872 min
Delta R.T.: -0.018 min
Response: 105154
Conc: 133.86 ng/ml



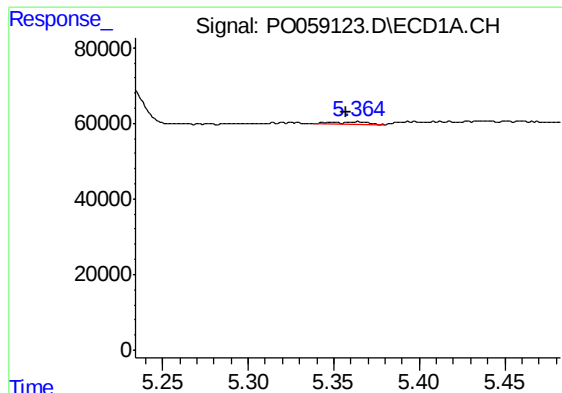
#12 AR-1232-2

R.T.: 5.078 min
Delta R.T.: 0.006 min
Response: 6701
Conc: 13.62 ng/ml



#12 AR-1232-2

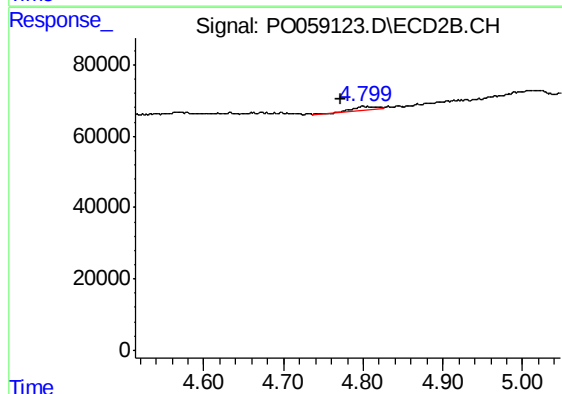
R.T.: 4.565 min
Delta R.T.: -0.035 min
Response: 15595
Conc: 18.45 ng/ml



#13 AR-1232-3

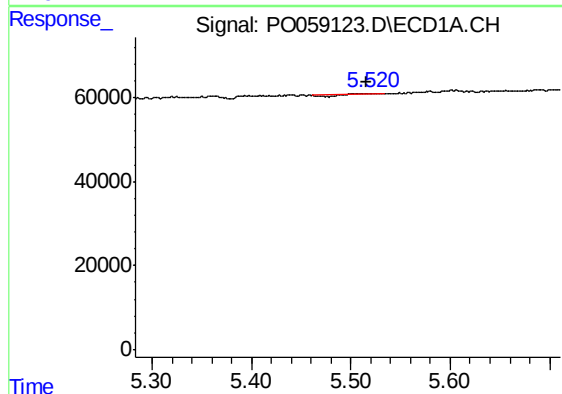
R.T.: 5.363 min
Delta R.T.: 0.006 min
Response: 7882
Conc: 7.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-82



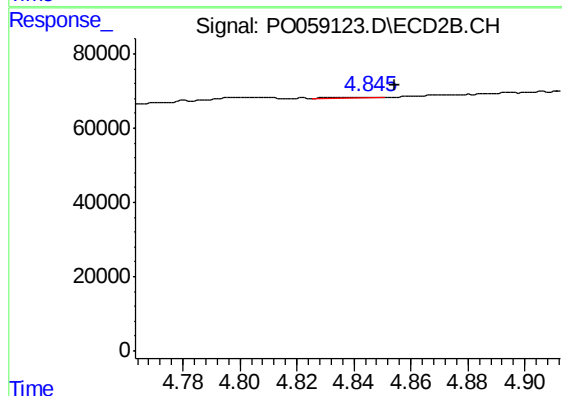
#13 AR-1232-3

R.T.: 4.800 min
Delta R.T.: 0.027 min
Response: 16884
Conc: 38.39 ng/ml



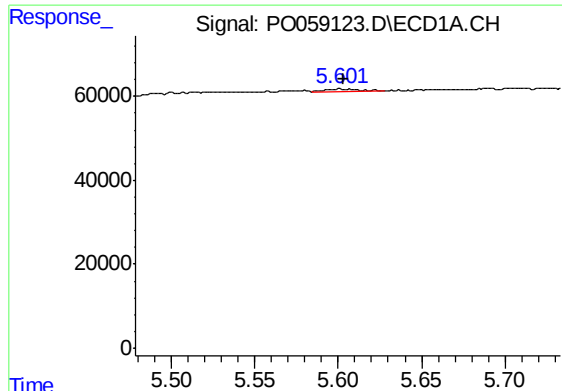
#14 AR-1232-4

R.T.: 5.525 min
Delta R.T.: 0.009 min
Response: 525
Conc: 0.99 ng/ml



#14 AR-1232-4

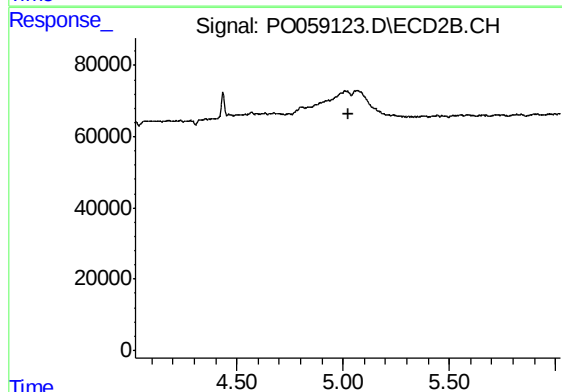
R.T.: 4.845 min
Delta R.T.: -0.010 min
Response: 3623
Conc: 9.17 ng/ml



#15 AR-1232-5

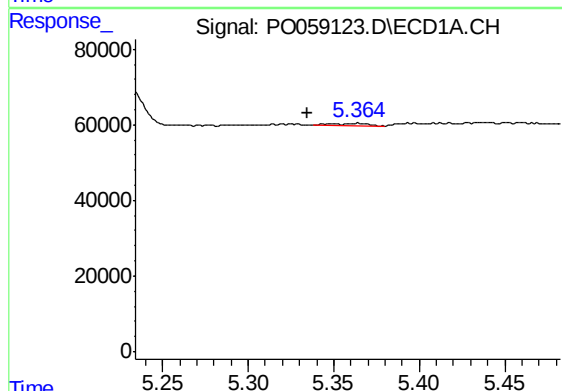
R.T.: 5.601 min
Delta R.T.: -0.002 min
Response: 8204
Conc: 20.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-82



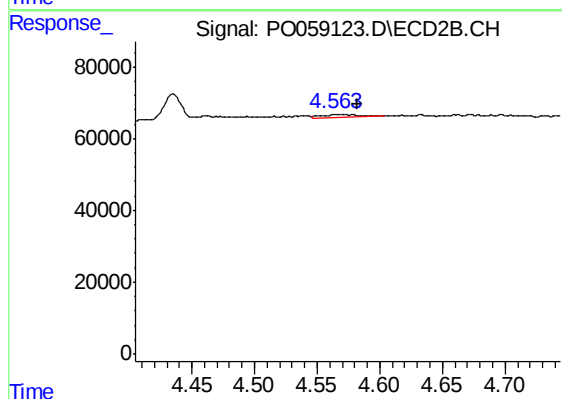
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.023 min
Response: 0
Conc: N.D.



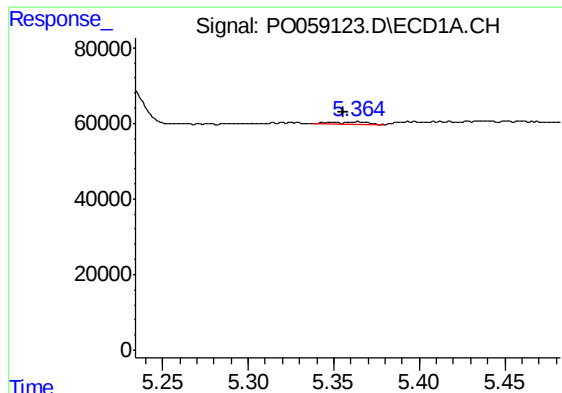
#16 AR-1242-1

R.T.: 5.363 min
Delta R.T.: 0.028 min
Response: 7882
Conc: 6.16 ng/ml



#16 AR-1242-1

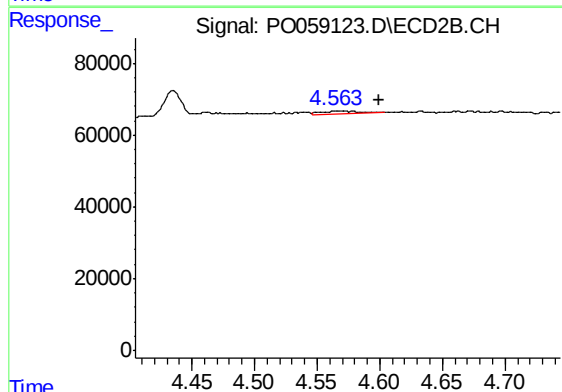
R.T.: 4.565 min
Delta R.T.: -0.017 min
Response: 15595
Conc: 15.36 ng/ml



#17 AR-1242-2

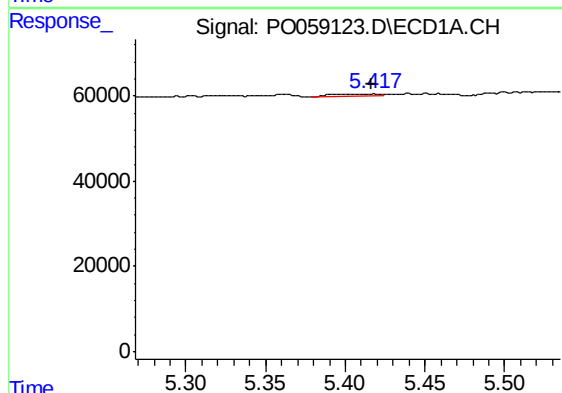
R.T.: 5.363 min
Delta R.T.: 0.008 min
Response: 7882
Conc: 4.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-82



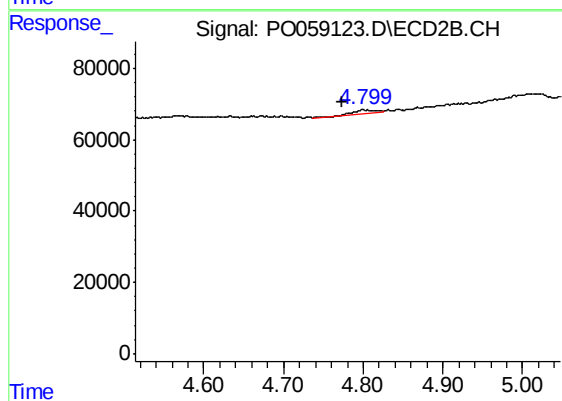
#17 AR-1242-2

R.T.: 4.565 min
Delta R.T.: -0.035 min
Response: 15595
Conc: 10.33 ng/ml



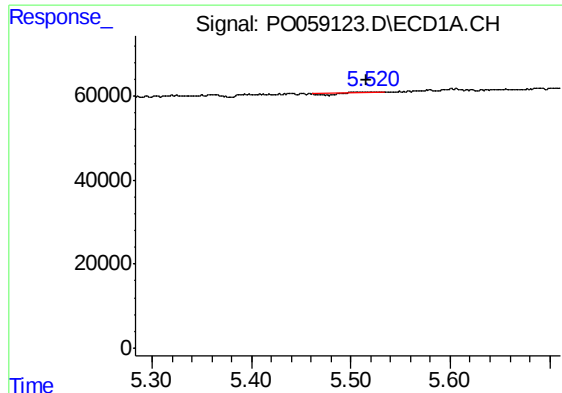
#18 AR-1242-3

R.T.: 5.417 min
Delta R.T.: 0.000 min
Response: 10424
Conc: 8.89 ng/ml



#18 AR-1242-3

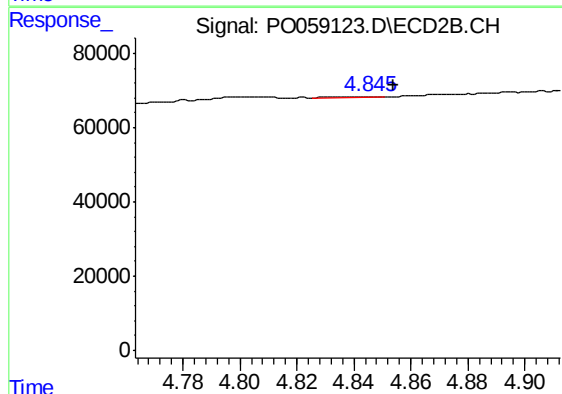
R.T.: 4.800 min
Delta R.T.: 0.027 min
Response: 16884
Conc: 20.73 ng/ml



#19 AR-1242-4

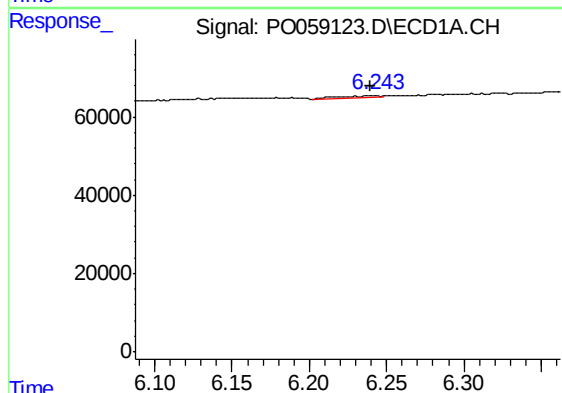
R.T.: 5.525 min
Delta R.T.: 0.010 min
Response: 525
Conc: 0.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-82



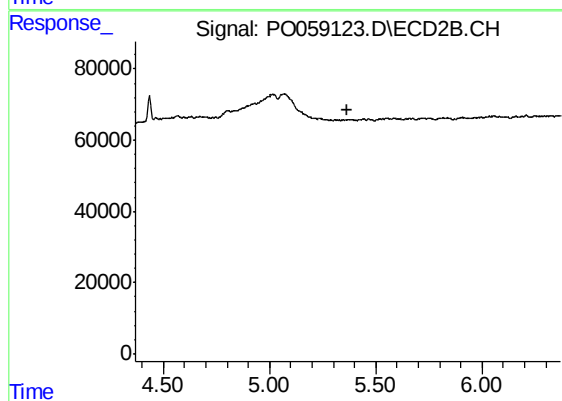
#19 AR-1242-4

R.T.: 4.845 min
Delta R.T.: -0.009 min
Response: 3623
Conc: 4.48 ng/ml



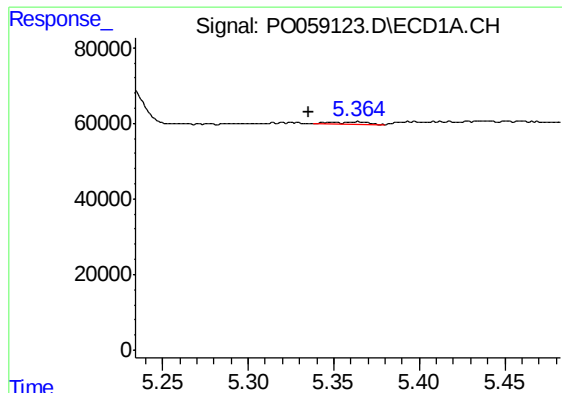
#20 AR-1242-5

R.T.: 6.242 min
Delta R.T.: 0.003 min
Response: 11697
Conc: 9.96 ng/ml



#20 AR-1242-5

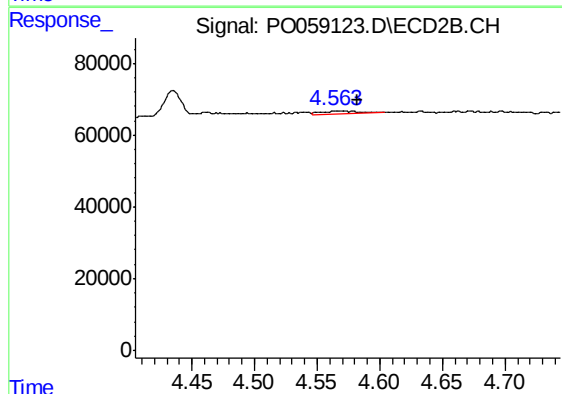
R.T.: 0.000 min
Exp R.T. : 5.368 min
Response: 0
Conc: N.D.



#21 AR-1248-1

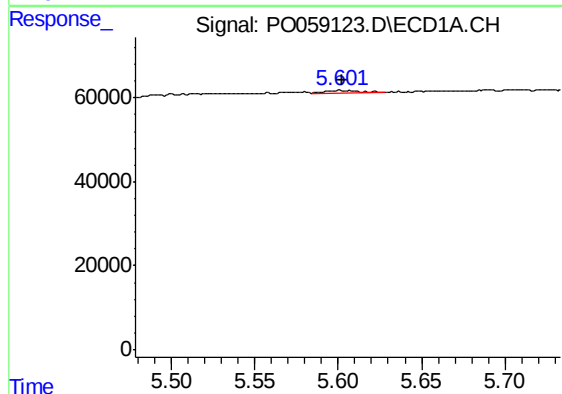
R.T.: 5.363 min
Delta R.T.: 0.028 min
Response: 7882
Conc: 7.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-82



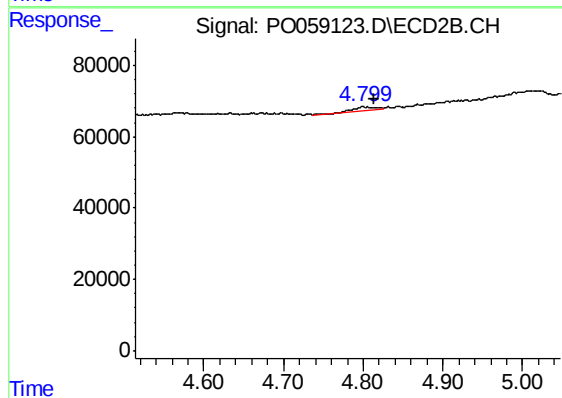
#21 AR-1248-1

R.T.: 4.565 min
Delta R.T.: -0.017 min
Response: 15595
Conc: 19.50 ng/ml



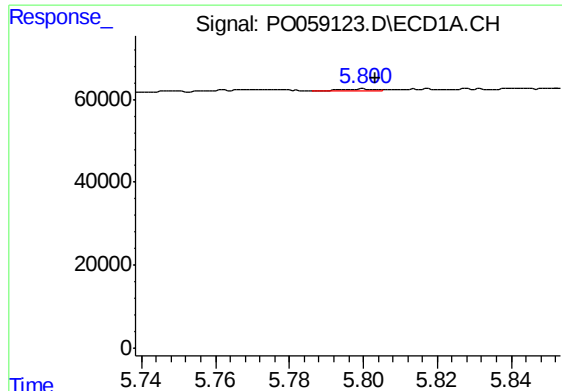
#22 AR-1248-2

R.T.: 5.601 min
Delta R.T.: -0.001 min
Response: 8204
Conc: 5.68 ng/ml



#22 AR-1248-2

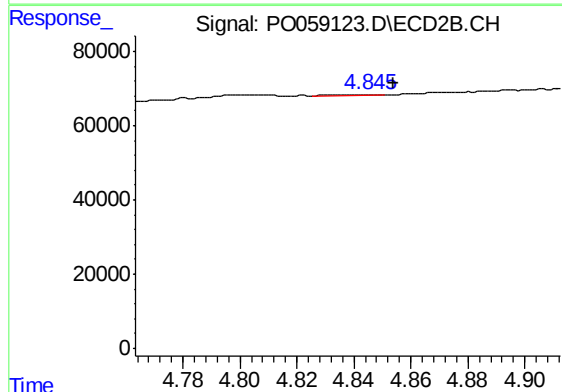
R.T.: 4.800 min
Delta R.T.: -0.014 min
Response: 16884
Conc: 15.24 ng/ml



#23 AR-1248-3

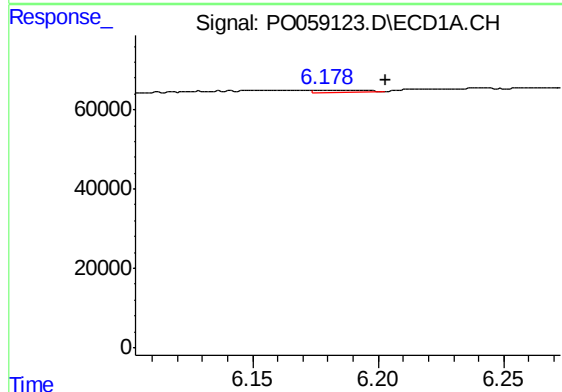
R.T.: 5.800 min
Delta R.T.: -0.003 min
Response: 1993
Conc: 1.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-82



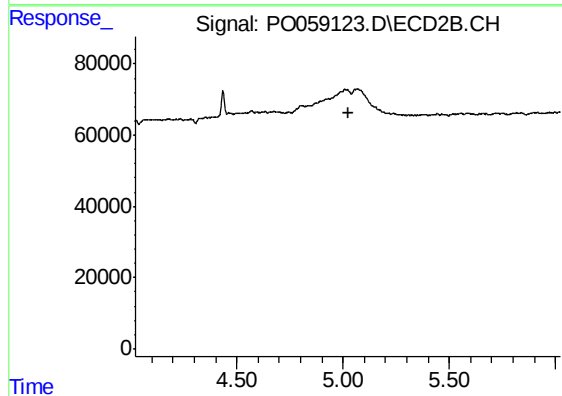
#23 AR-1248-3

R.T.: 4.845 min
Delta R.T.: -0.009 min
Response: 3623
Conc: 3.18 ng/ml



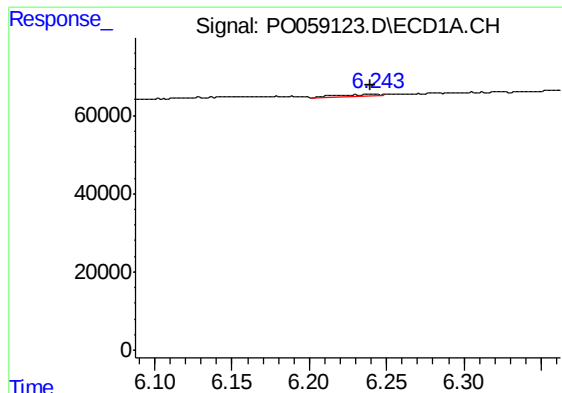
#24 AR-1248-4

R.T.: 6.188 min
Delta R.T.: -0.015 min
Response: 6107
Conc: 3.02 ng/ml



#24 AR-1248-4

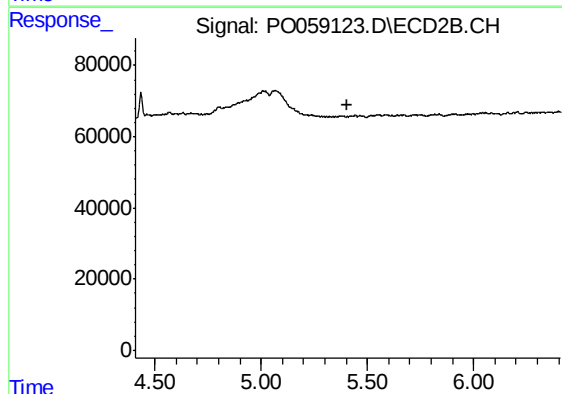
R.T.: 0.000 min
Exp R.T. : 5.023 min
Response: 0
Conc: N.D.



#25 AR-1248-5

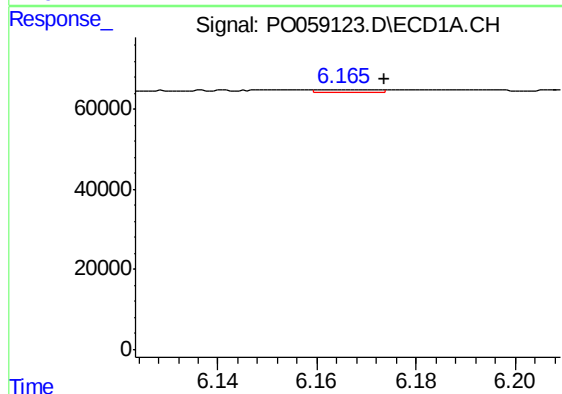
R.T.: 6.242 min
Delta R.T.: 0.003 min
Response: 11697
Conc: 6.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-82



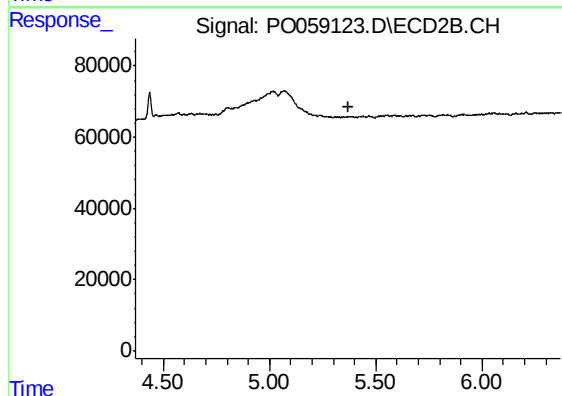
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.409 min
Response: 0
Conc: N.D.



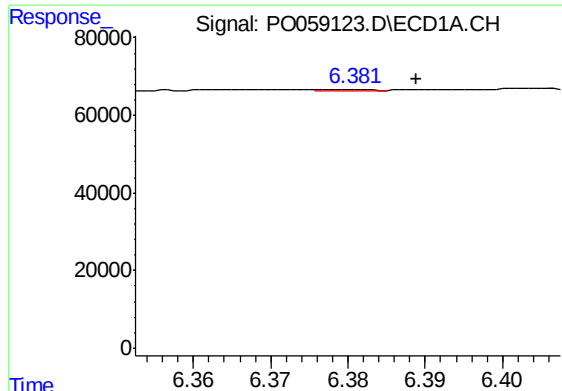
#26 AR-1254-1

R.T.: 6.165 min
Delta R.T.: -0.009 min
Response: 4530
Conc: 1.92 ng/ml



#26 AR-1254-1

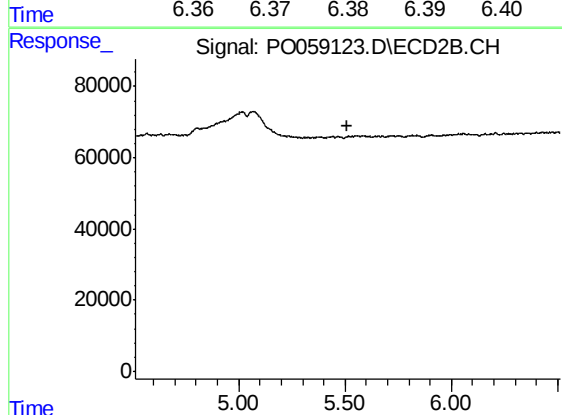
R.T.: 0.000 min
Exp R.T. : 5.368 min
Response: 0
Conc: N.D.



#27 AR-1254-2

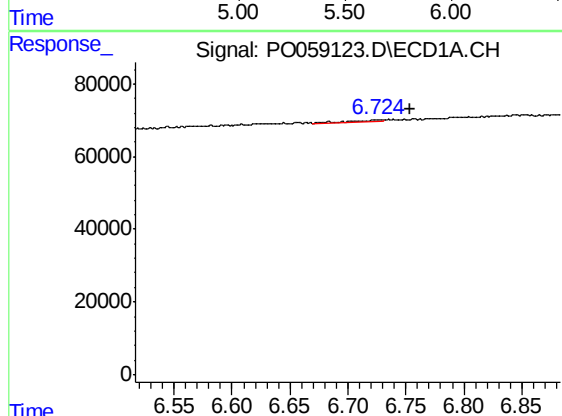
R.T.: 6.381 min
Delta R.T.: -0.008 min
Response: 1741
Conc: 0.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-82



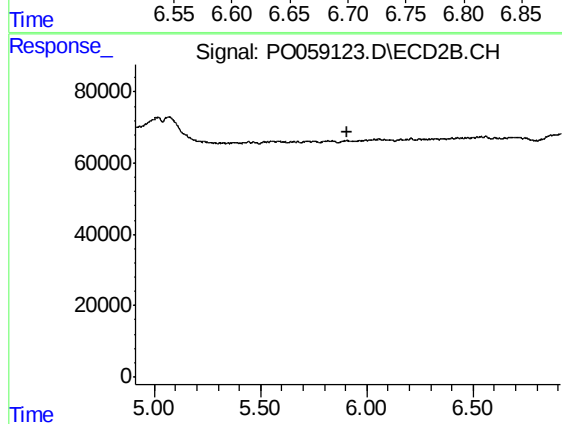
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.514 min
Response: 0
Conc: N.D.



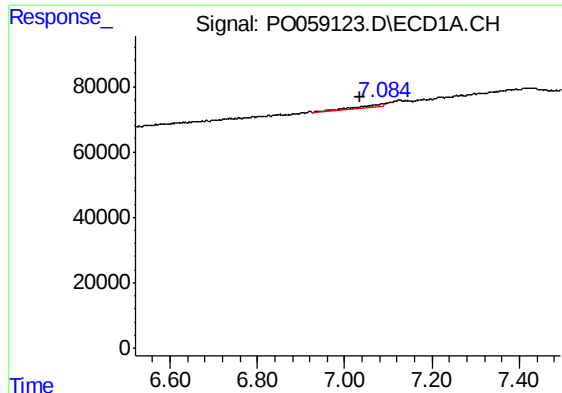
#28 AR-1254-3

R.T.: 6.725 min
Delta R.T.: -0.029 min
Response: 6612
Conc: 1.63 ng/ml



#28 AR-1254-3

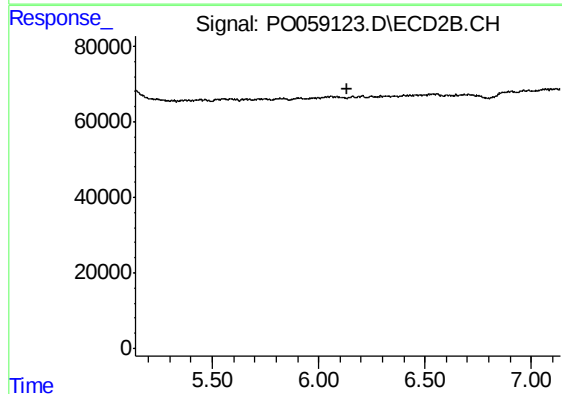
R.T.: 0.000 min
Exp R.T. : 5.911 min
Response: 0
Conc: N.D.



#29 AR-1254-4

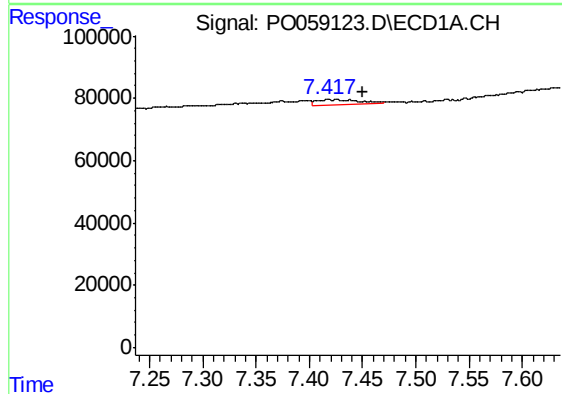
R.T.: 7.084 min
Delta R.T.: 0.048 min
Response: 46589
Conc: 12.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-82



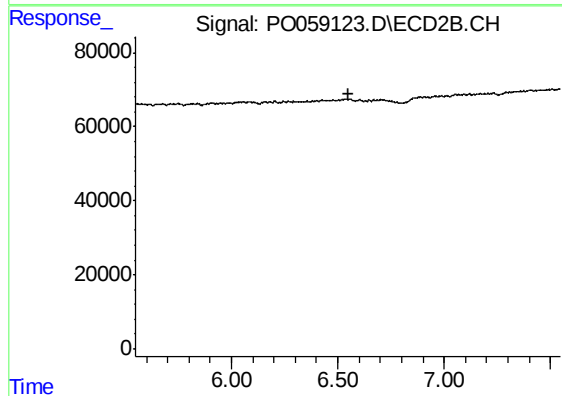
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.138 min
Response: 0
Conc: N.D.



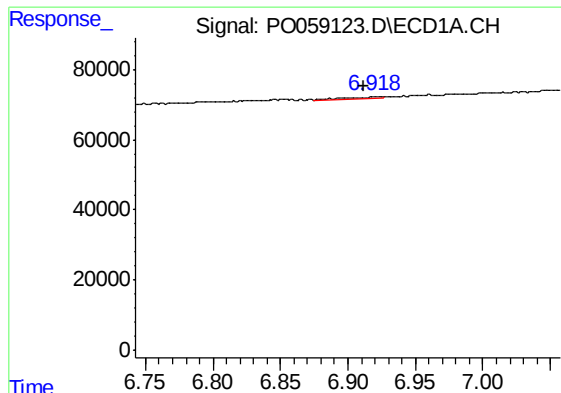
#30 AR-1254-5

R.T.: 7.418 min
Delta R.T.: -0.033 min
Response: 48795
Conc: 13.46 ng/ml



#30 AR-1254-5

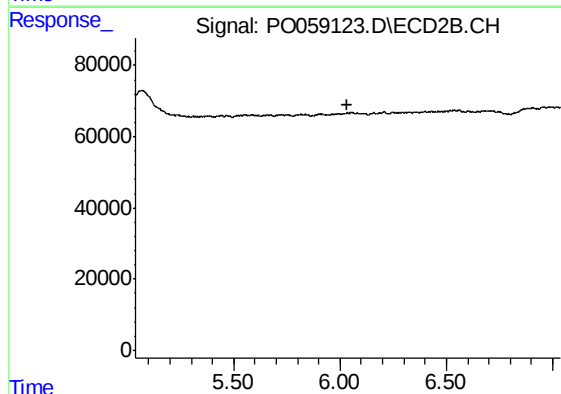
R.T.: 0.000 min
Exp R.T. : 6.548 min
Response: 0
Conc: N.D.



#31 AR-1260-1

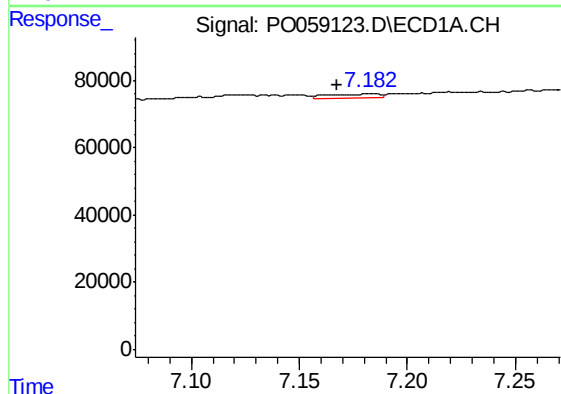
R.T.: 6.920 min
Delta R.T.: 0.008 min
Response: 7489
Conc: 2.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-82



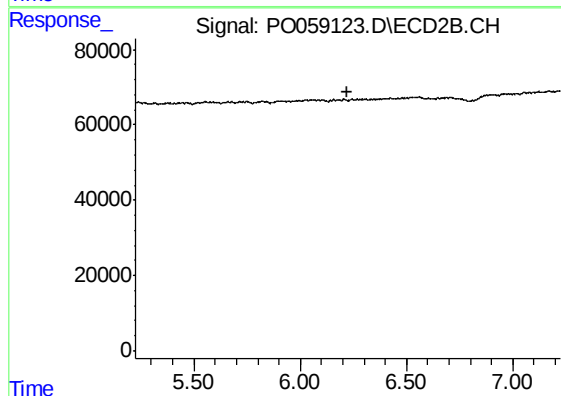
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.037 min
Response: 0
Conc: N.D.



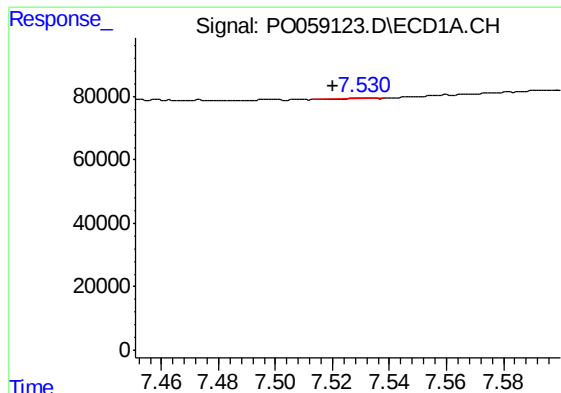
#32 AR-1260-2

R.T.: 7.182 min
Delta R.T.: 0.015 min
Response: 18922
Conc: 4.55 ng/ml



#32 AR-1260-2

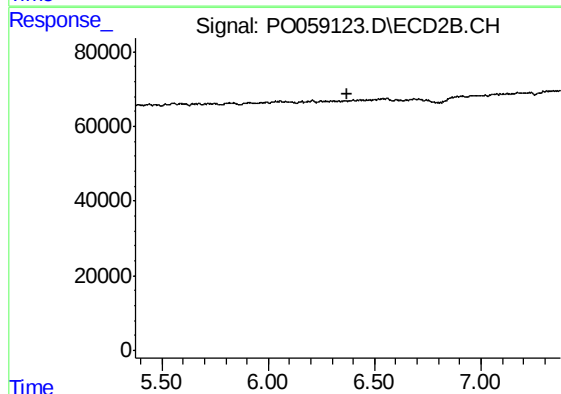
R.T.: 0.000 min
Exp R.T. : 6.225 min
Response: 0
Conc: N.D.



#33 AR-1260-3

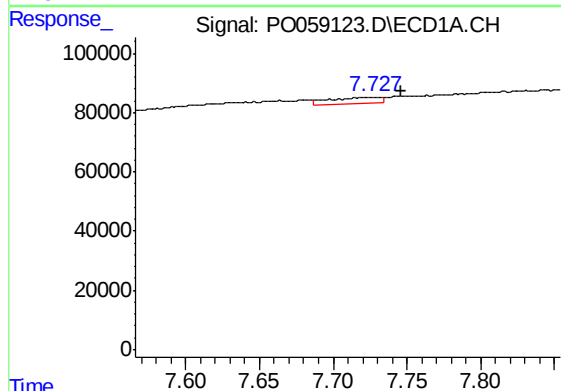
R.T.: 7.530 min
Delta R.T.: 0.009 min
Response: 1886
Conc: 0.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-82



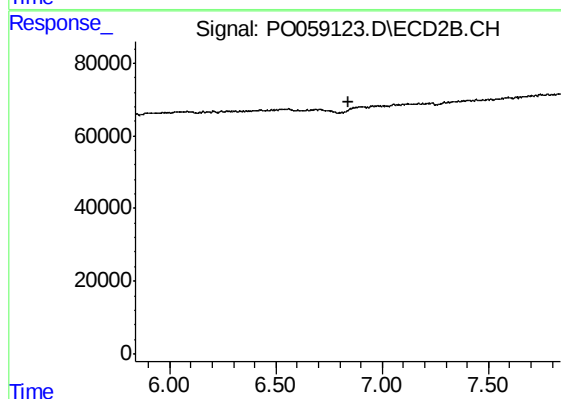
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.375 min
Response: 0
Conc: N.D.



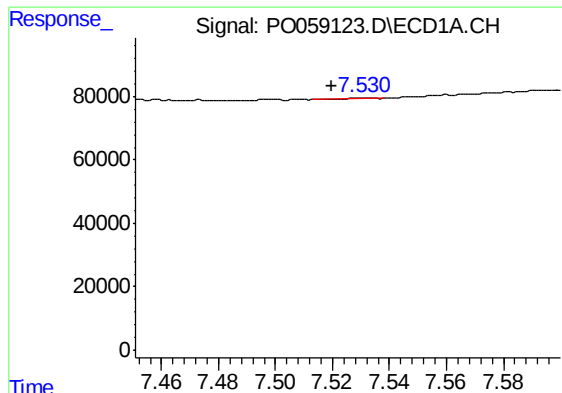
#34 AR-1260-4

R.T.: 7.727 min
Delta R.T.: -0.019 min
Response: 48917
Conc: 14.35 ng/ml



#34 AR-1260-4

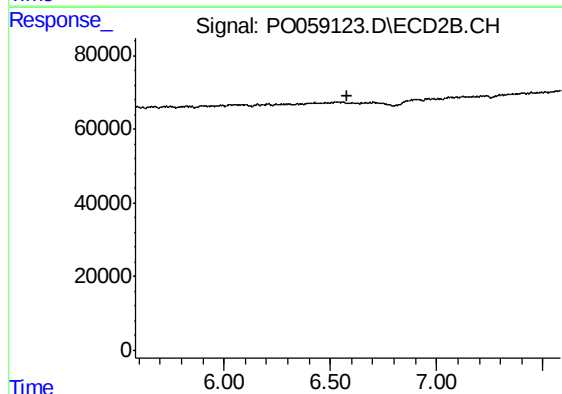
R.T.: 0.000 min
Exp R.T. : 6.839 min
Response: 0
Conc: N.D.



#36 AR-1262-1

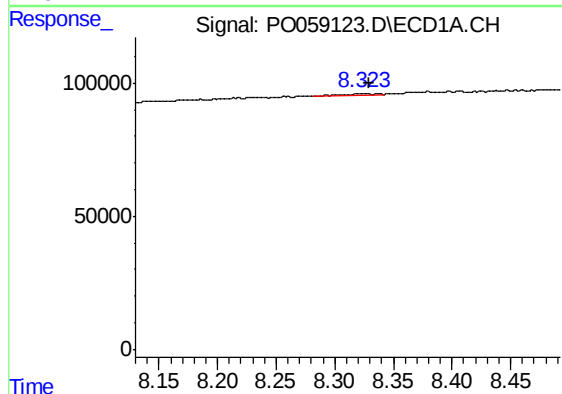
R.T.: 7.530 min
Delta R.T.: 0.010 min
Response: 1886
Conc: 0.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-82



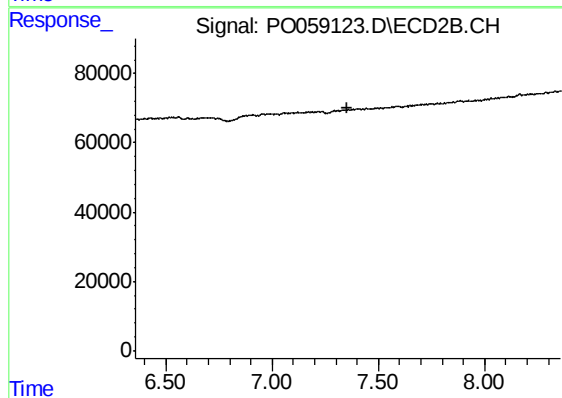
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.583 min
Response: 0
Conc: N.D.



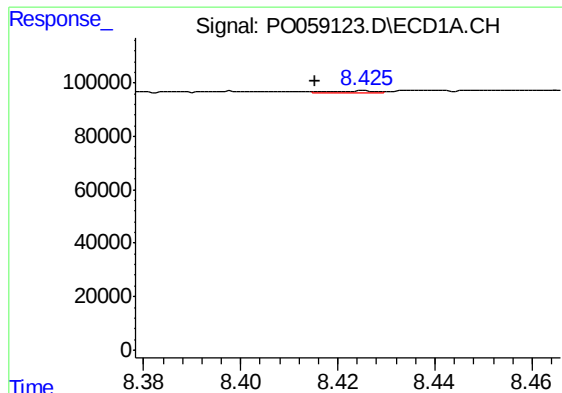
#38 AR-1262-3

R.T.: 8.323 min
Delta R.T.: -0.007 min
Response: 10279
Conc: 2.02 ng/ml



#38 AR-1262-3

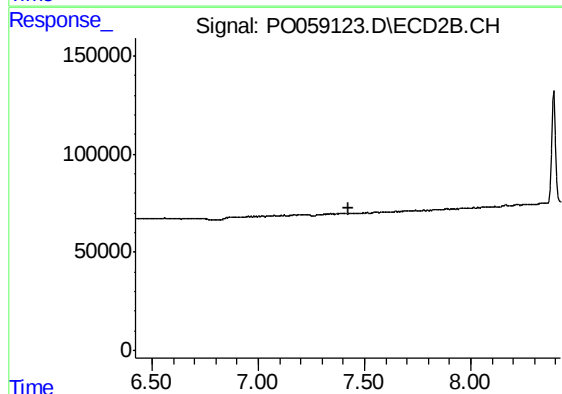
R.T.: 0.000 min
Exp R.T. : 7.357 min
Response: 0
Conc: N.D.



#39 AR-1262-4

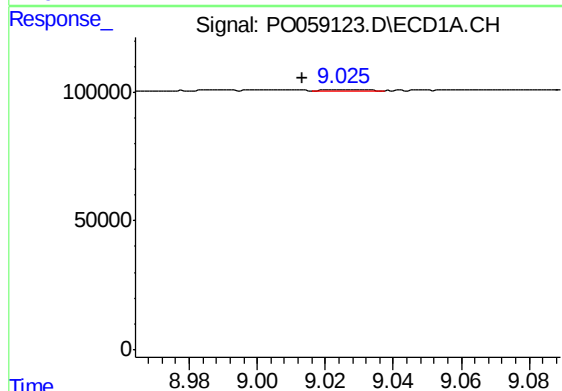
R.T.: 8.425 min
Delta R.T.: 0.010 min
Response: 5402
Conc: 1.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-82



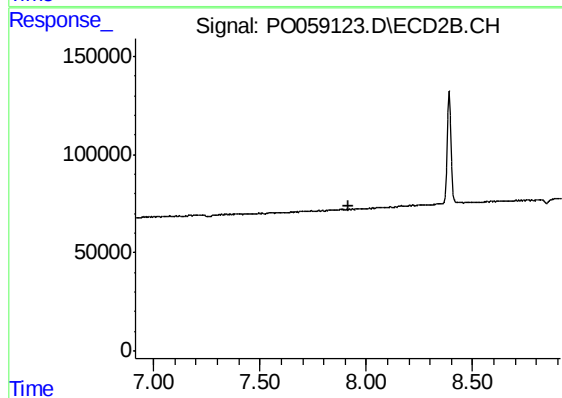
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.422 min
Response: 0
Conc: N.D.



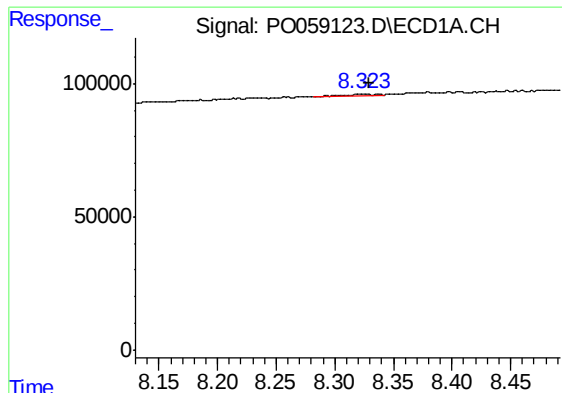
#40 AR-1262-5

R.T.: 9.025 min
Delta R.T.: 0.012 min
Response: 4111
Conc: 1.79 ng/ml



#40 AR-1262-5

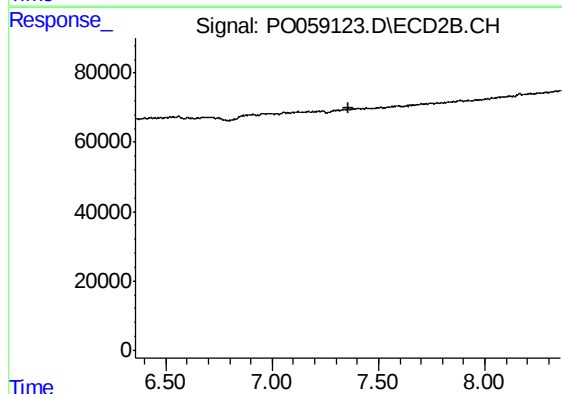
R.T.: 0.000 min
Exp R.T. : 7.914 min
Response: 0
Conc: N.D.



#41 AR-1268-1

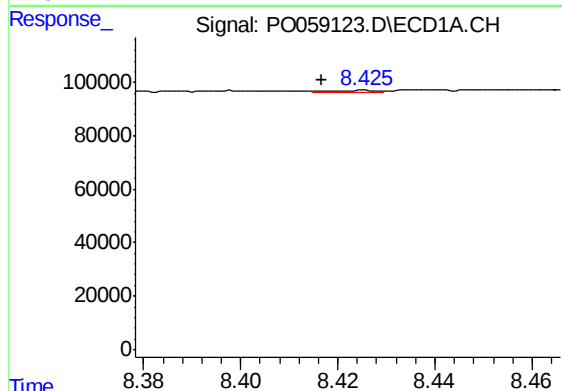
R.T.: 8.323 min
Delta R.T.: -0.007 min
Response: 10279
Conc: 0.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-82



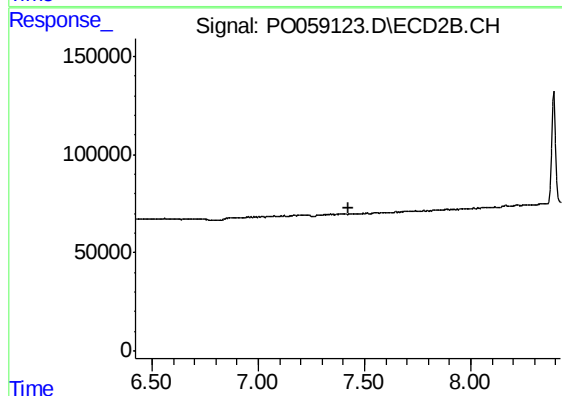
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.357 min
Response: 0
Conc: N.D.



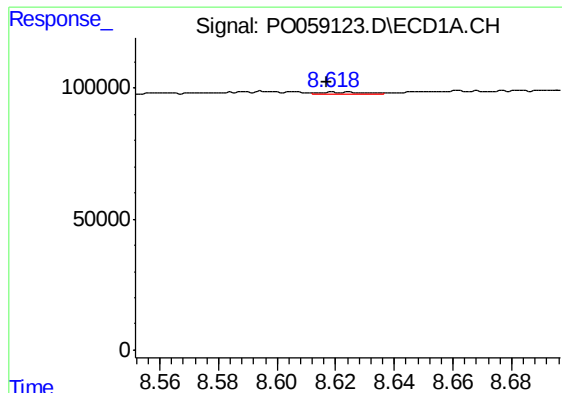
#42 AR-1268-2

R.T.: 8.425 min
Delta R.T.: 0.009 min
Response: 5402
Conc: 0.58 ng/ml



#42 AR-1268-2

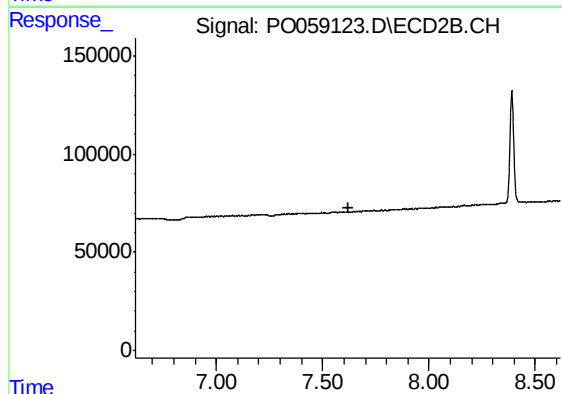
R.T.: 0.000 min
Exp R.T. : 7.422 min
Response: 0
Conc: N.D.



#43 AR-1268-3

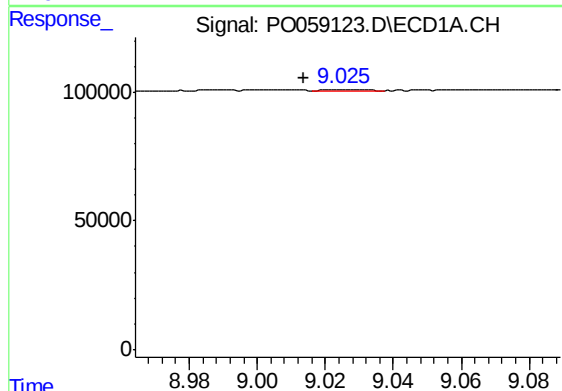
R.T.: 8.624 min
Delta R.T.: 0.007 min
Response: 10243
Conc: 1.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-82



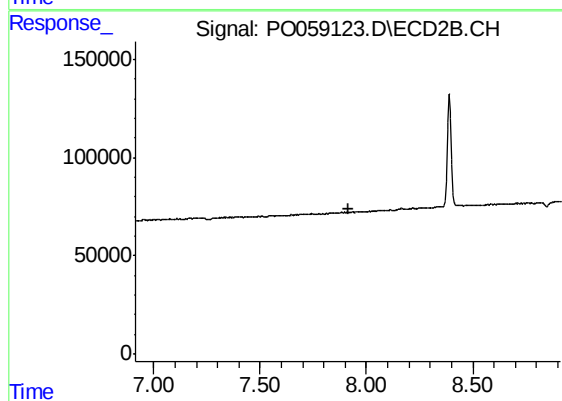
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.619 min
Response: 0
Conc: N.D.



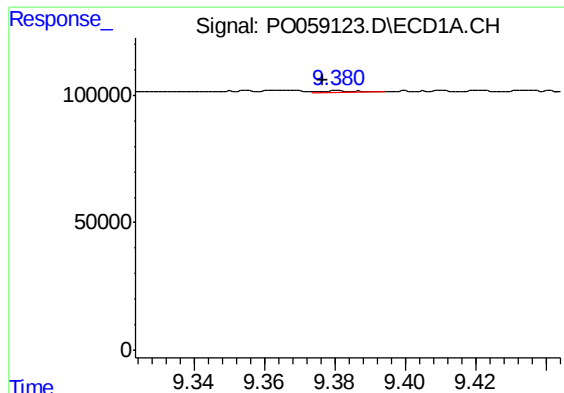
#44 AR-1268-4

R.T.: 9.025 min
Delta R.T.: 0.011 min
Response: 4111
Conc: 1.38 ng/ml



#44 AR-1268-4

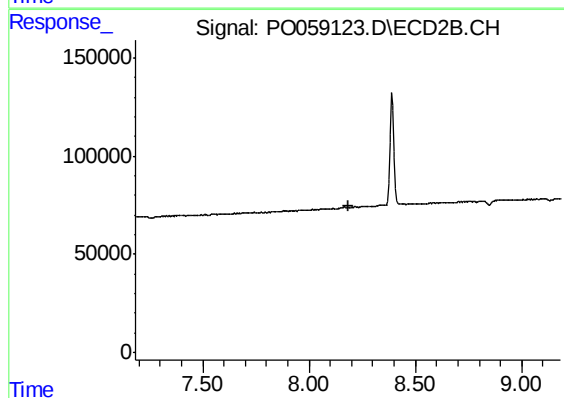
R.T.: 0.000 min
Exp R.T. : 7.913 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.380 min
Delta R.T.: 0.004 min
Response: 4938
Conc: 0.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-82



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.183 min
Response: 0
Conc: N.D.