

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101521\
 Data File : PP040091.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 15 Oct 2021 14:53
 Operator : AJ\MA
 Sample : M4089-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 01:46:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP101221.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 13 08:03:59 2021
 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...	4.893	3.981	643777	315346	21.199	18.653
2)	SA Decachlor...	10.914	9.310	416547	355007	16.853	16.728
Target Compounds							
3)	L1 AR-1016-1	0.000	5.222f	0	24432	N.D.	37.438 #
4)	L1 AR-1016-2	6.265f	5.283f	260709	26702	182.443	29.207 #
5)	L1 AR-1016-3	6.315	0.000	137507	0	157.787	N.D. #
6)	L1 AR-1016-4	6.411	0.000	159699	0	224.441	N.D. #
7)	L1 AR-1016-5	6.760f	5.761f	59742	-919	93.406	N.D. #
8)	L2 AR-1221-1	0.000	4.234	0	114643	N.D.	560.202 #
9)	L2 AR-1221-2	5.241	4.337	151102	112024	678.215	665.989
10)	L2 AR-1221-3	5.341	0.000	92483	0	114.717	N.D. #
11)	L3 AR-1232-1	5.341	0.000	92483	0	148.627	N.D. #
12)	L3 AR-1232-2	5.939f	5.283f	152182	26702	443.397	68.302 #
13)	L3 AR-1232-3	6.265f	0.000	260709	0	412.456	N.D. #
14)	L3 AR-1232-4	6.411	5.567	159699	116535	509.191	615.900
15)	L3 AR-1232-5	6.519	5.761f	87689	-919	373.954	N.D. #
16)	L4 AR-1242-1	0.000	5.222f	0	24432	N.D.	49.102 #
17)	L4 AR-1242-2	6.265f	5.283f	260709	26702	229.843	39.095 #
18)	L4 AR-1242-3	6.315	0.000	137507	0	197.848	N.D. #
19)	L4 AR-1242-4	6.411	5.567	159699	116535	277.162	314.596
20)	L4 AR-1242-5	7.211	6.124	38343	31416	73.315	65.867
21)	L5 AR-1248-1	0.000	5.222f	0	24432	N.D.	62.667 #
22)	L5 AR-1248-2	6.519	0.000	87689	0	109.540	N.D. #
23)	L5 AR-1248-3	0.000	5.567	0	116535	N.D.	206.151 #
24)	L5 AR-1248-4	7.168	5.761f	49437	-919	53.721	N.D. #
25)	L5 AR-1248-5	7.211	6.170	38343	11249	43.346	18.032 #
26)	L6 AR-1254-1	7.119	6.124	55329	31416	59.635	32.793 #
27)	L6 AR-1254-2	7.361	6.278	172545	22404	124.638	25.384 #
28)	L6 AR-1254-3	7.762f	6.707	119260	44390	83.711	32.559 #
29)	L6 AR-1254-4	8.043	0.000	151183	0	142.870	N.D. #
30)	L6 AR-1254-5	8.465	7.376	166704	68675	142.624	53.203 #
31)	L7 AR-1260-1	7.906	6.843	267873	102755	245.217	102.587 #
32)	L7 AR-1260-2	0.000	7.040	0	189413	N.D.	159.963 #
33)	L7 AR-1260-3	8.548	7.196	117777	54142	129.248	45.825 #
34)	L7 AR-1260-4	8.774	7.682	45804	43420	43.395	49.402
35)	L7 AR-1260-5	9.098	7.930	53411	68551	25.792	33.543 #
36)	L8 AR-1262-1	8.548	7.376	117777	68675	86.368	97.761
37)	L8 AR-1262-2	9.098	7.930	53411	68551	21.538	30.461 #
38)	L8 AR-1262-3	9.431f	8.189f	46143	58972	40.121	60.553 #
39)	L8 AR-1262-4	0.000	8.279	0	62713	N.D.	35.375 #
41)	L9 AR-1268-1	9.431f	8.189f	46143	58972	15.626	21.855 #
42)	L9 AR-1268-2	0.000	8.279	0	62713	N.D.	25.048 #

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Integration File signal 1: autoint1.e
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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
43) L9	AR-1268-3	0.000	8.516f	0	40409	N.D.	18.454 #
45) L9	AR-1268-5	10.595f	0.000	47975	0	5.578	N.D. #

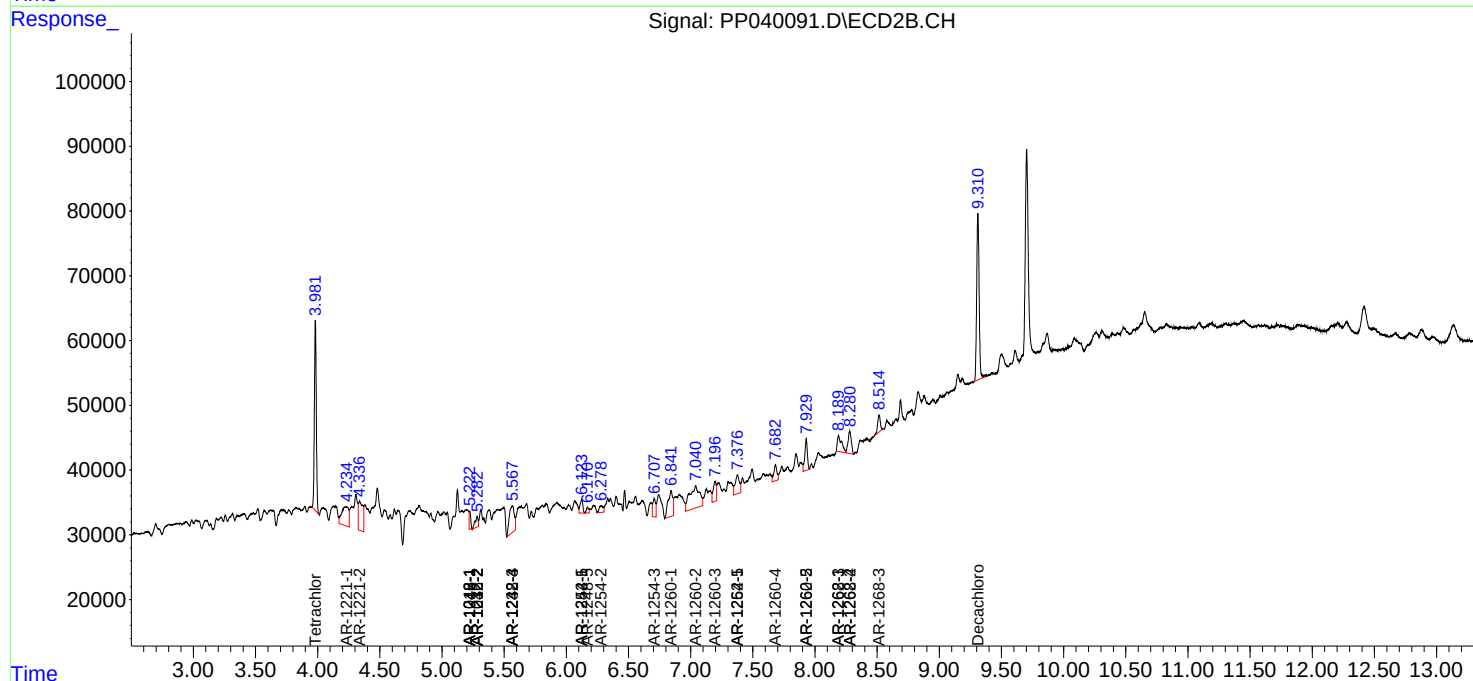
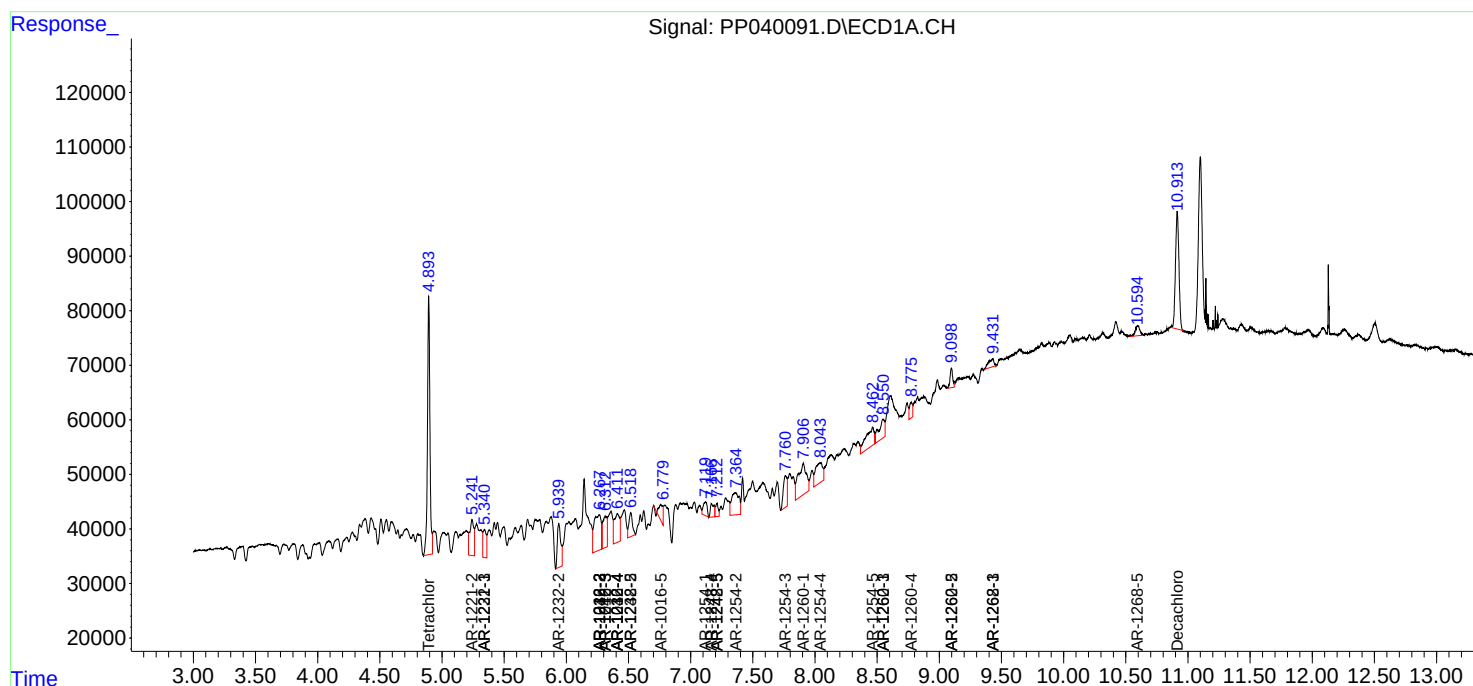
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

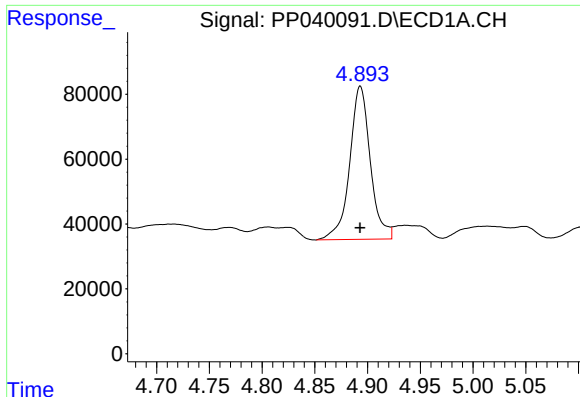
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101521\
Data File : PP040091.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 15 Oct 2021 14:53
Operator : AJ\MA
Sample : M4089-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampled :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 01:46:24 2021
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QLast Update : Wed Oct 13 08:03:59 2021
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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

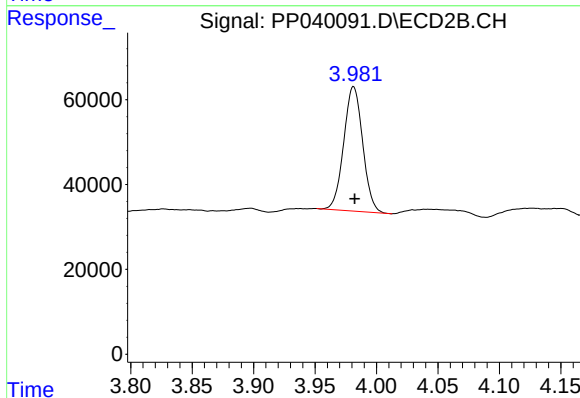




#1 Tetrachloro-m-xylene

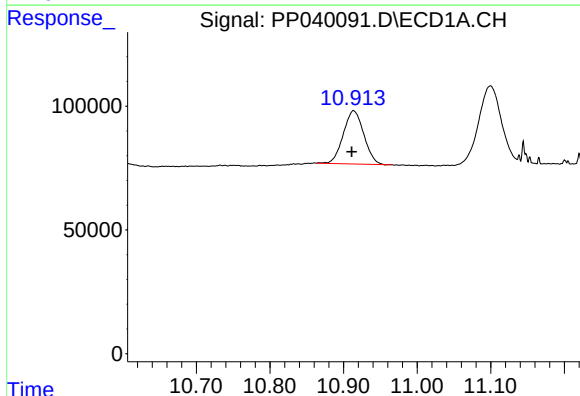
R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 643777
Conc: 21.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



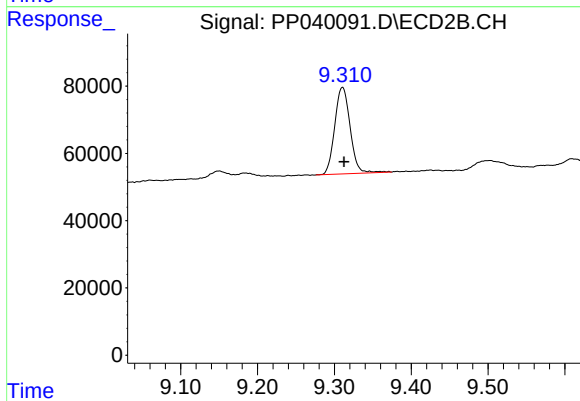
#1 Tetrachloro-m-xylene

R.T.: 3.981 min
Delta R.T.: -0.001 min
Response: 315346
Conc: 18.65 ng/ml



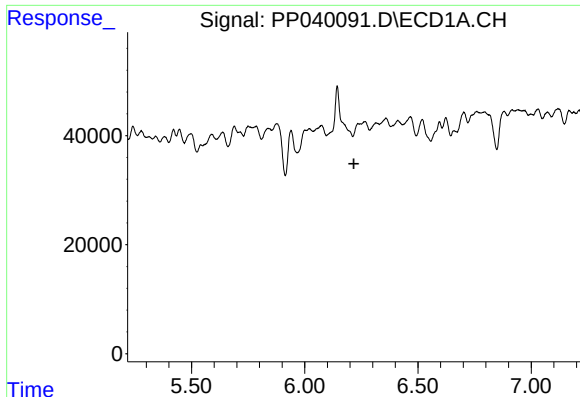
#2 Decachlorobiphenyl

R.T.: 10.914 min
Delta R.T.: 0.003 min
Response: 416547
Conc: 16.85 ng/ml



#2 Decachlorobiphenyl

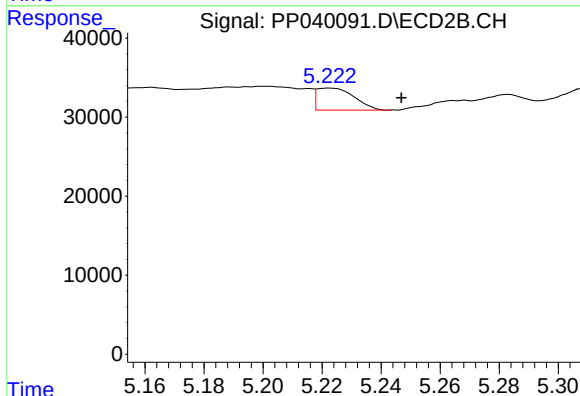
R.T.: 9.310 min
Delta R.T.: -0.002 min
Response: 355007
Conc: 16.73 ng/ml



#3 AR-1016-1

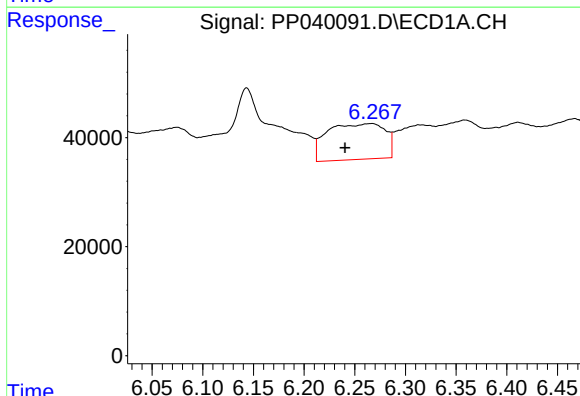
R.T.: 0.000 min
Exp R.T.: 6.217 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



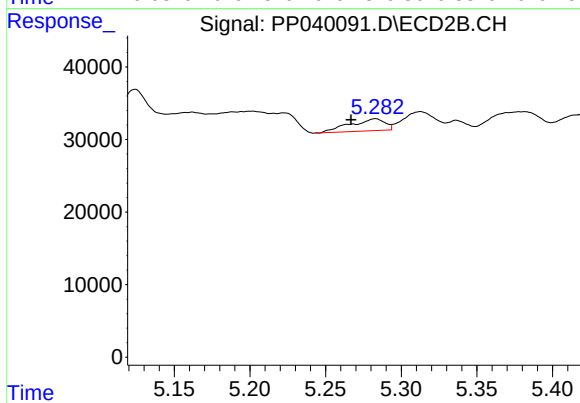
#3 AR-1016-1

R.T.: 5.222 min
Delta R.T.: -0.025 min
Response: 24432
Conc: 37.44 ng/ml



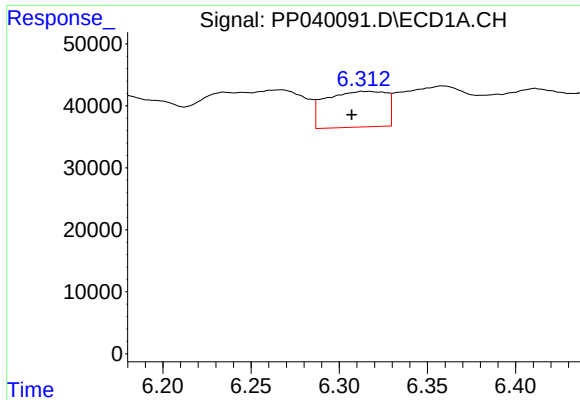
#4 AR-1016-2

R.T.: 6.265 min
Delta R.T.: 0.025 min
Response: 260709
Conc: 182.44 ng/ml



#4 AR-1016-2

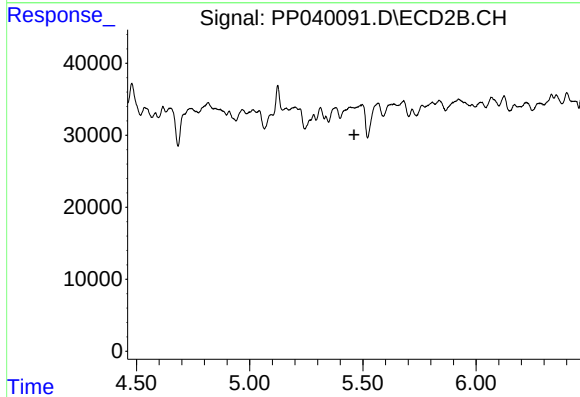
R.T.: 5.283 min
Delta R.T.: 0.016 min
Response: 26702
Conc: 29.21 ng/ml



#5 AR-1016-3

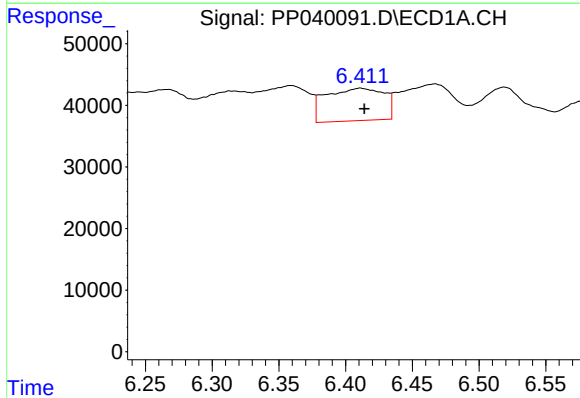
R.T.: 6.315 min
Delta R.T.: 0.008 min
Response: 137507
Conc: 157.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



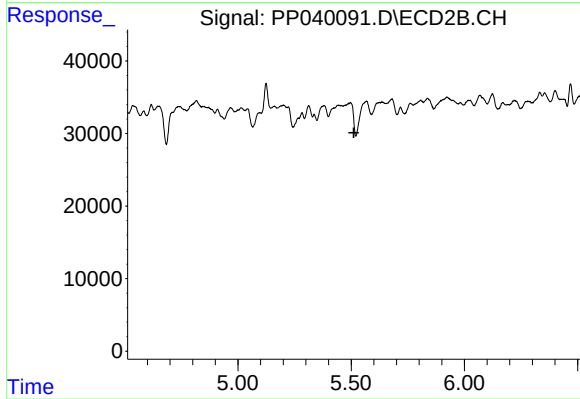
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.461 min
Response: 0
Conc: N.D.



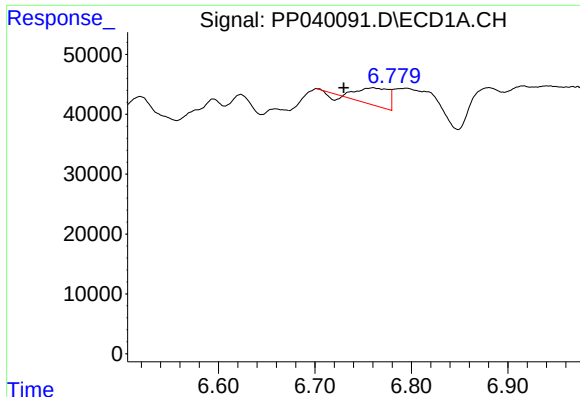
#6 AR-1016-4

R.T.: 6.411 min
Delta R.T.: -0.003 min
Response: 159699
Conc: 224.44 ng/ml



#6 AR-1016-4

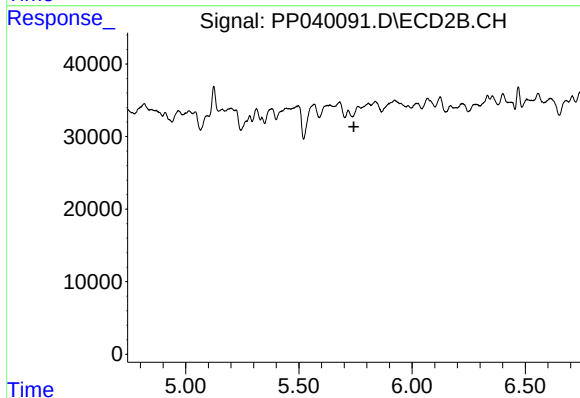
R.T.: 0.000 min
Exp R.T. : 5.512 min
Response: 0
Conc: N.D.



#7 AR-1016-5

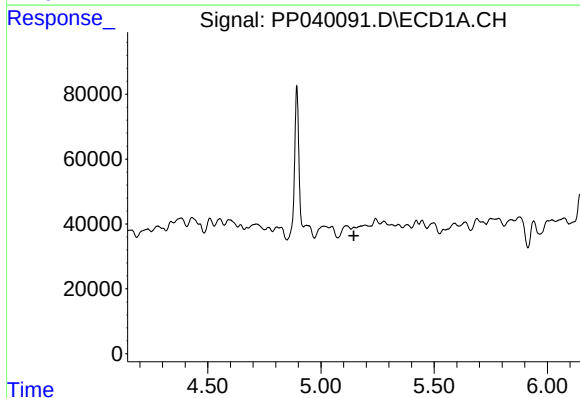
R.T.: 6.760 min
Delta R.T.: 0.030 min
Response: 59742
Conc: 93.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



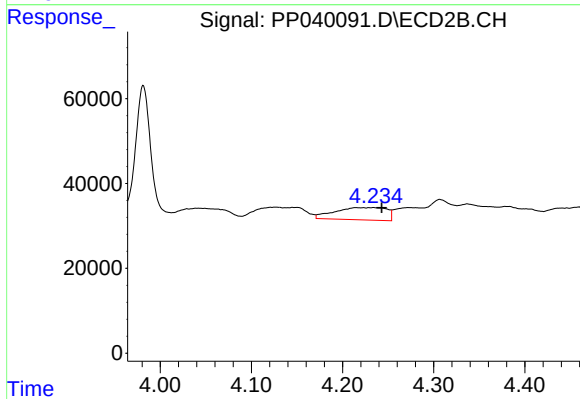
#7 AR-1016-5

R.T.: 5.761 min
Delta R.T.: 0.019 min
Response: -919
Conc: N.D.



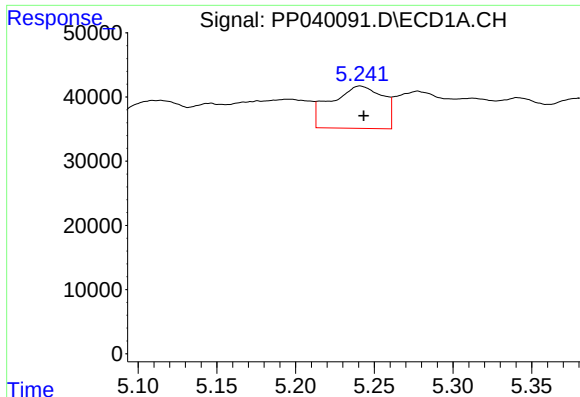
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.145 min
Response: 0
Conc: N.D.



#8 AR-1221-1

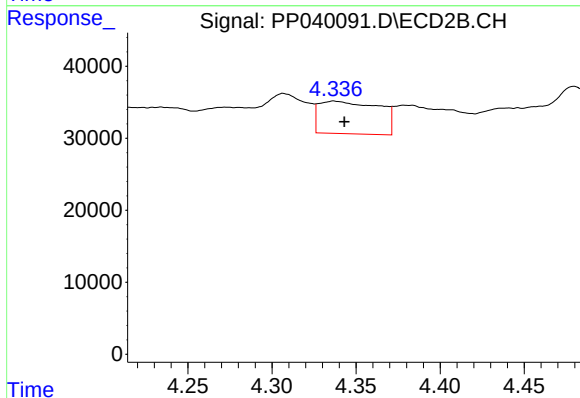
R.T.: 4.234 min
Delta R.T.: -0.009 min
Response: 114643
Conc: 560.20 ng/ml



#9 AR-1221-2

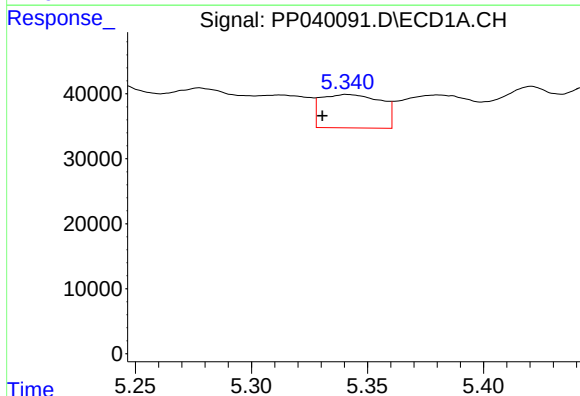
R.T.: 5.241 min
Delta R.T.: -0.002 min
Response: 151102
Conc: 678.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



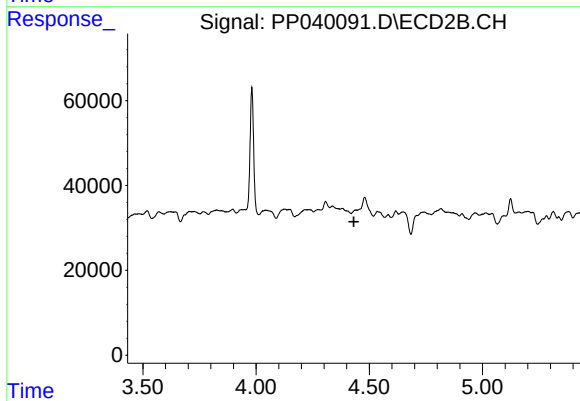
#9 AR-1221-2

R.T.: 4.337 min
Delta R.T.: -0.006 min
Response: 112024
Conc: 665.99 ng/ml



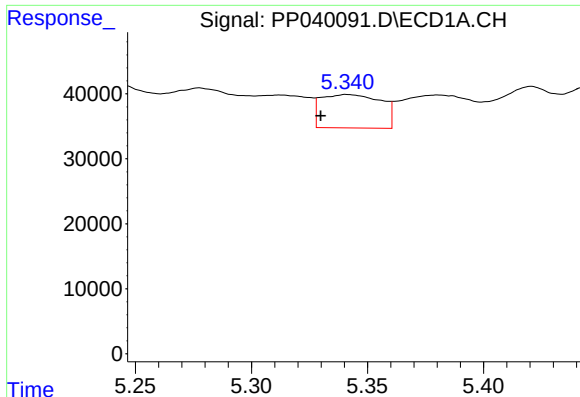
#10 AR-1221-3

R.T.: 5.341 min
Delta R.T.: 0.011 min
Response: 92483
Conc: 114.72 ng/ml



#10 AR-1221-3

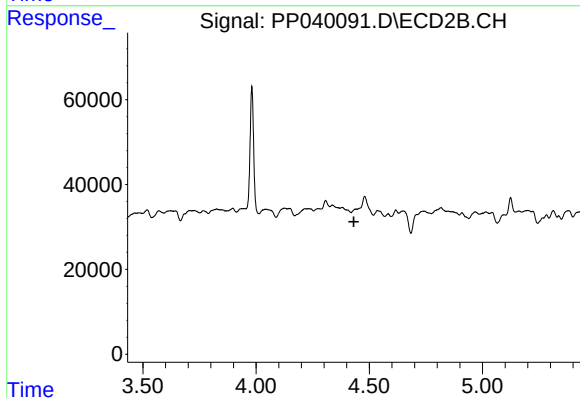
R.T.: 0.000 min
Exp R.T.: 4.432 min
Response: 0
Conc: N.D.



#11 AR-1232-1

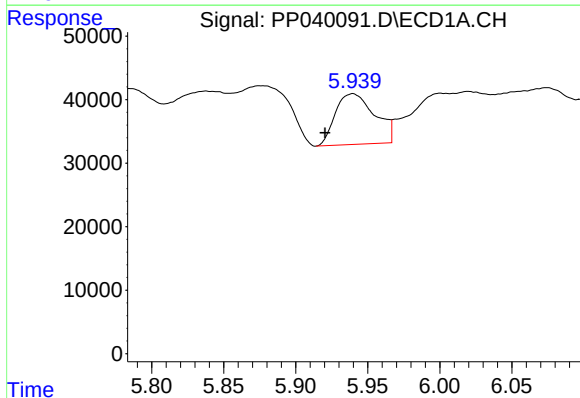
R.T.: 5.341 min
Delta R.T.: 0.012 min
Response: 92483
Conc: 148.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



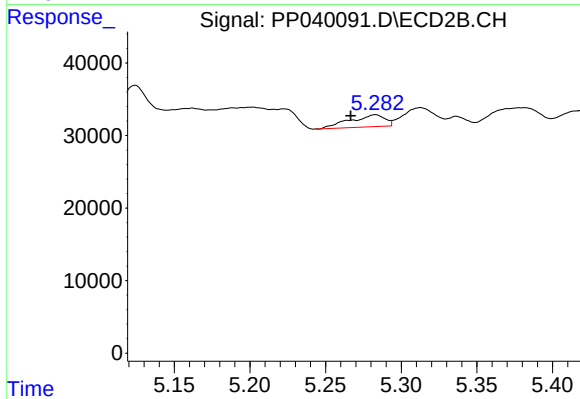
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.432 min
Response: 0
Conc: N.D.



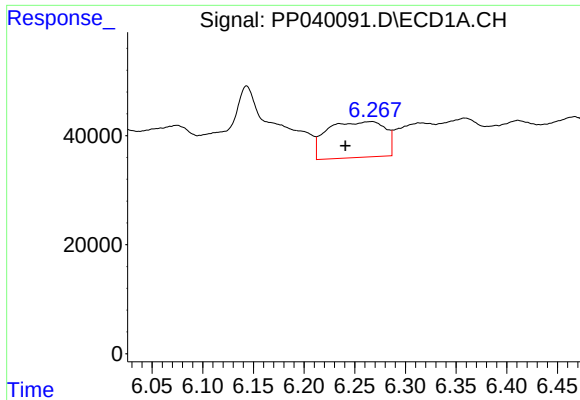
#12 AR-1232-2

R.T.: 5.939 min
Delta R.T.: 0.019 min
Response: 152182
Conc: 443.40 ng/ml



#12 AR-1232-2

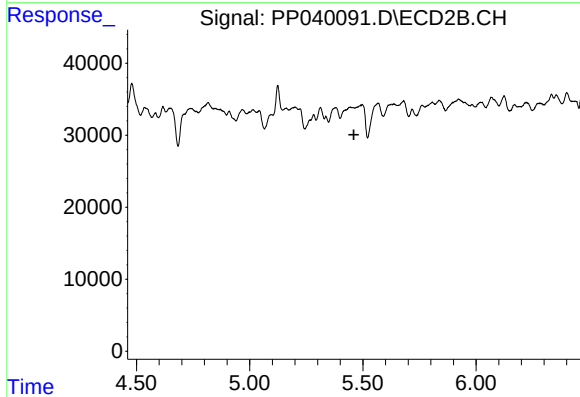
R.T.: 5.283 min
Delta R.T.: 0.016 min
Response: 26702
Conc: 68.30 ng/ml



#13 AR-1232-3

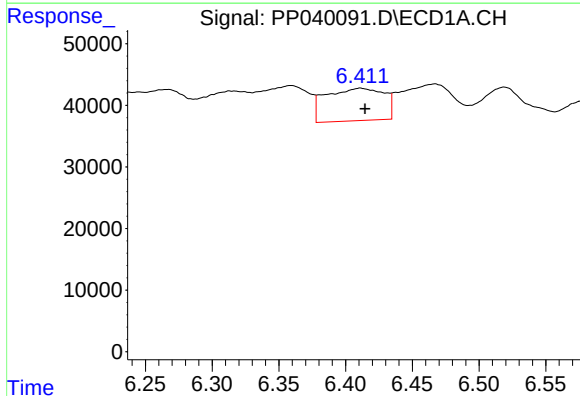
R.T.: 6.265 min
Delta R.T.: 0.025 min
Response: 260709
Conc: 412.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



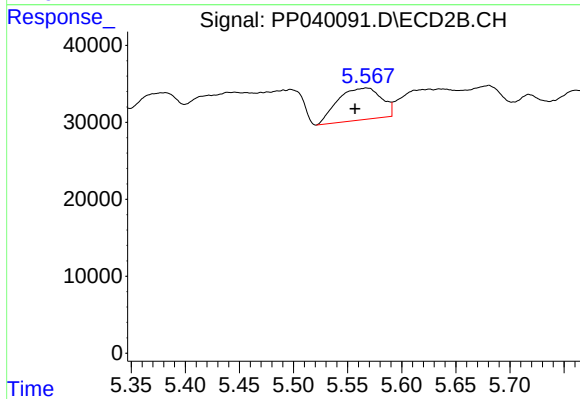
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.460 min
Response: 0
Conc: N.D.



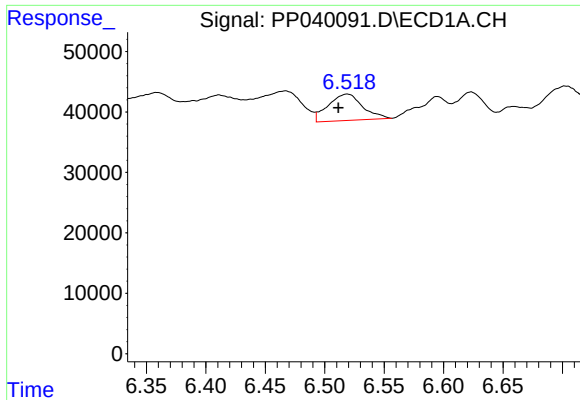
#14 AR-1232-4

R.T.: 6.411 min
Delta R.T.: -0.003 min
Response: 159699
Conc: 509.19 ng/ml



#14 AR-1232-4

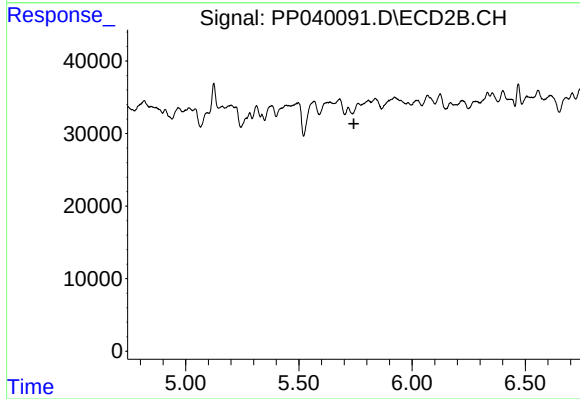
R.T.: 5.567 min
Delta R.T.: 0.010 min
Response: 116535
Conc: 615.90 ng/ml



#15 AR-1232-5

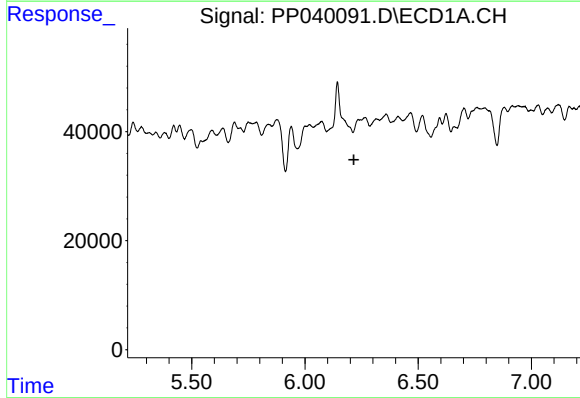
R.T.: 6.519 min
Delta R.T.: 0.007 min
Response: 87689
Conc: 373.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



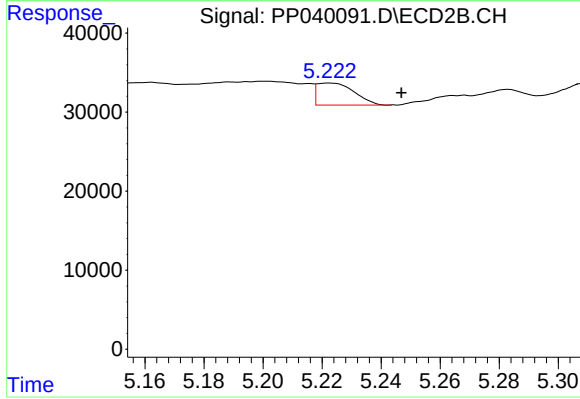
#15 AR-1232-5

R.T.: 5.761 min
Delta R.T.: 0.019 min
Response: -919
Conc: N.D.



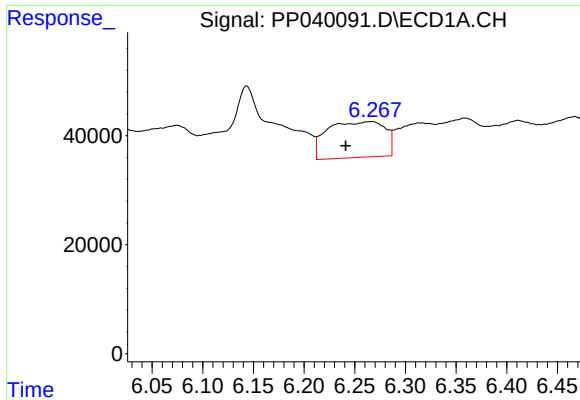
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 6.216 min
Response: 0
Conc: N.D.



#16 AR-1242-1

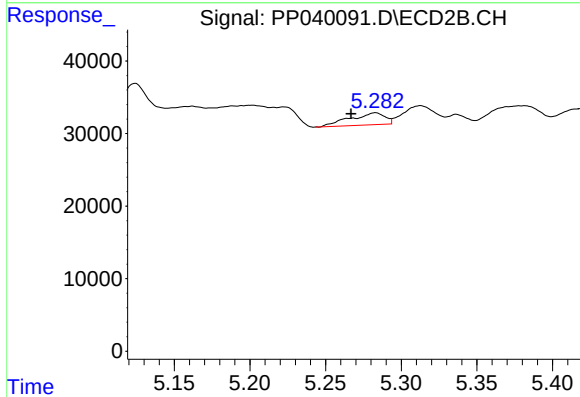
R.T.: 5.222 min
Delta R.T.: -0.025 min
Response: 24432
Conc: 49.10 ng/ml



#17 AR-1242-2

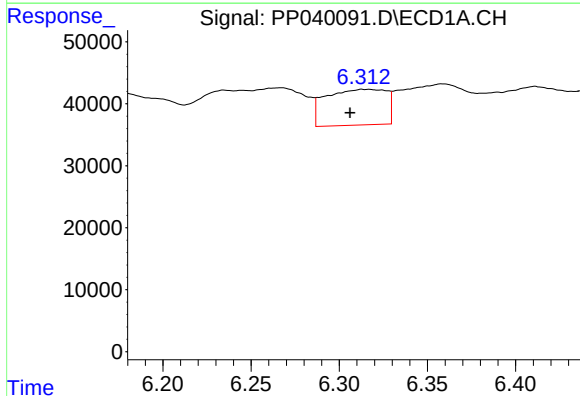
R.T.: 6.265 min
Delta R.T.: 0.024 min
Response: 260709
Conc: 229.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



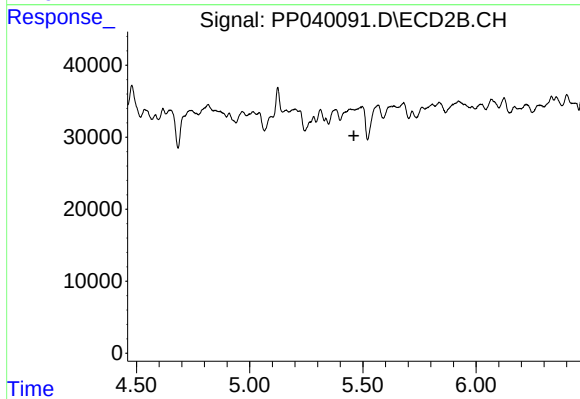
#17 AR-1242-2

R.T.: 5.283 min
Delta R.T.: 0.016 min
Response: 26702
Conc: 39.09 ng/ml



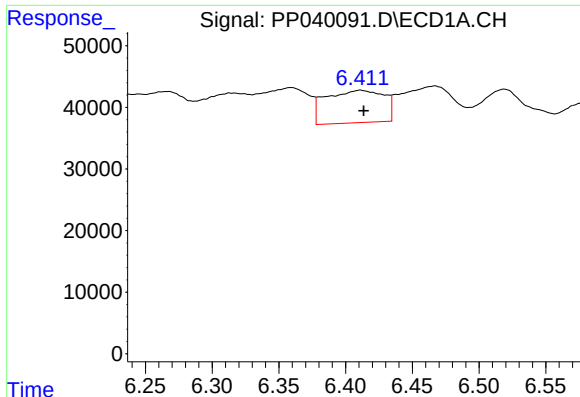
#18 AR-1242-3

R.T.: 6.315 min
Delta R.T.: 0.009 min
Response: 137507
Conc: 197.85 ng/ml



#18 AR-1242-3

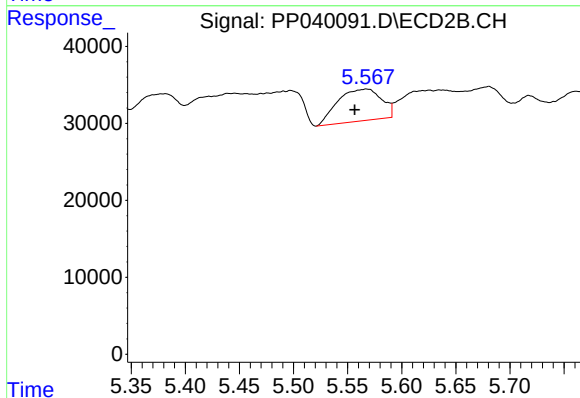
R.T.: 0.000 min
Exp R.T.: 5.460 min
Response: 0
Conc: N.D.



#19 AR-1242-4

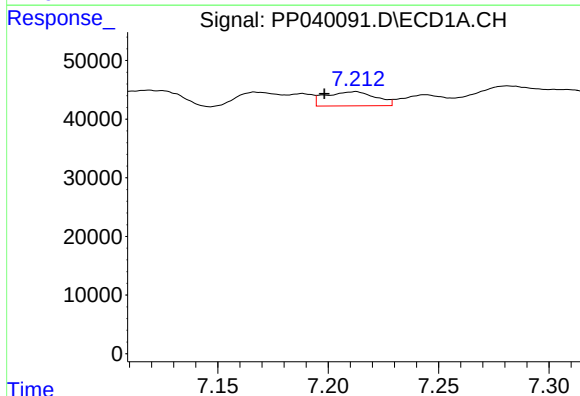
R.T.: 6.411 min
Delta R.T.: -0.002 min
Response: 159699
Conc: 277.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



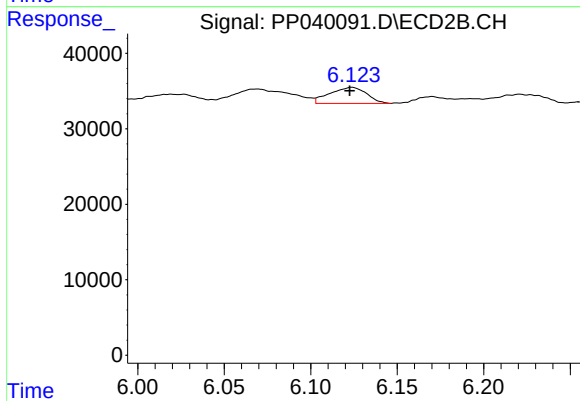
#19 AR-1242-4

R.T.: 5.567 min
Delta R.T.: 0.011 min
Response: 116535
Conc: 314.60 ng/ml



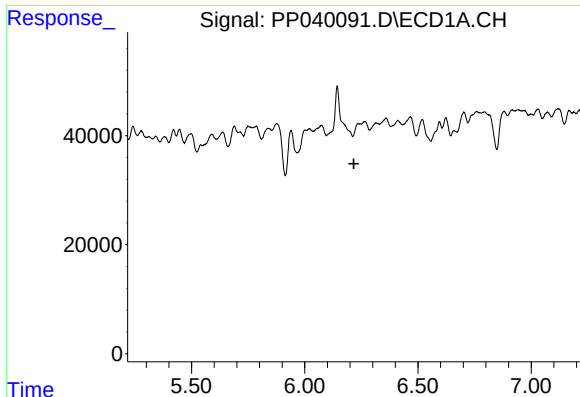
#20 AR-1242-5

R.T.: 7.211 min
Delta R.T.: 0.013 min
Response: 38343
Conc: 73.31 ng/ml



#20 AR-1242-5

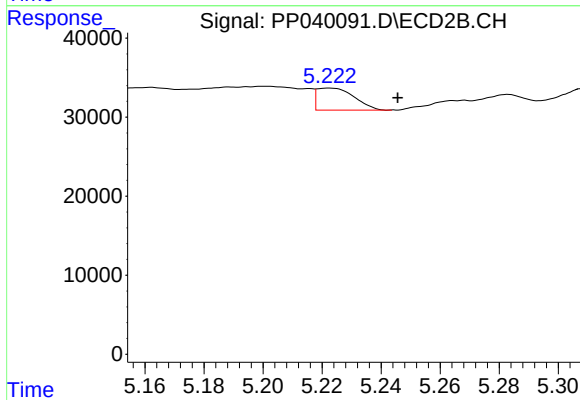
R.T.: 6.124 min
Delta R.T.: 0.001 min
Response: 31416
Conc: 65.87 ng/ml



#21 AR-1248-1

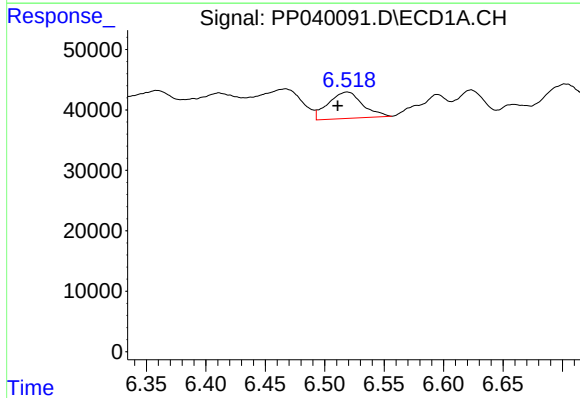
R.T.: 0.000 min
Exp R.T.: 6.217 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



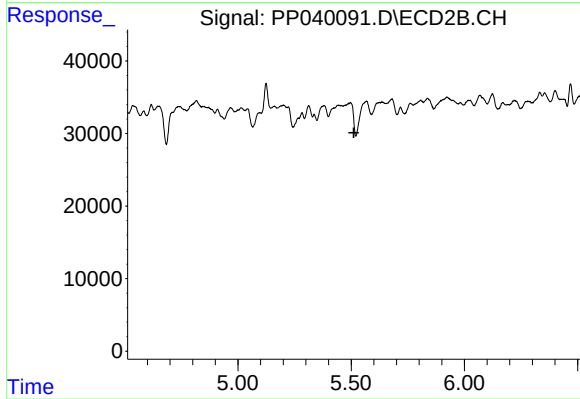
#21 AR-1248-1

R.T.: 5.222 min
Delta R.T.: -0.023 min
Response: 24432
Conc: 62.67 ng/ml



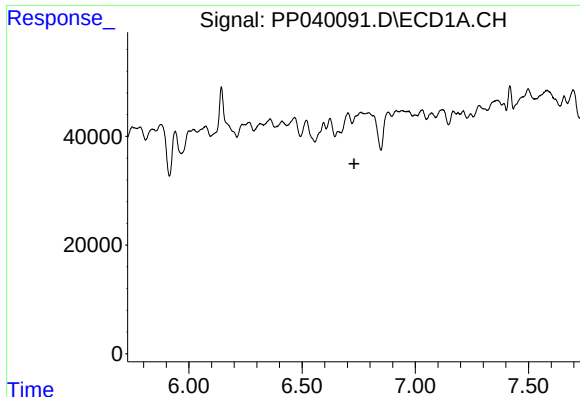
#22 AR-1248-2

R.T.: 6.519 min
Delta R.T.: 0.008 min
Response: 87689
Conc: 109.54 ng/ml



#22 AR-1248-2

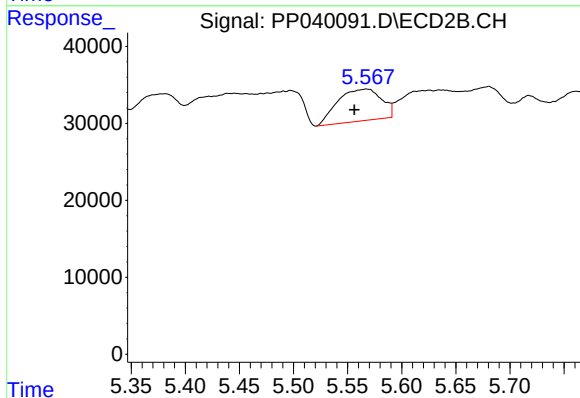
R.T.: 0.000 min
Exp R.T.: 5.512 min
Response: 0
Conc: N.D.



#23 AR-1248-3

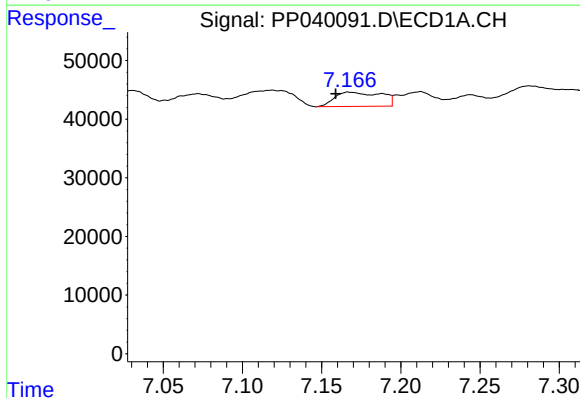
R.T.: 0.000 min
Exp R.T.: 6.729 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



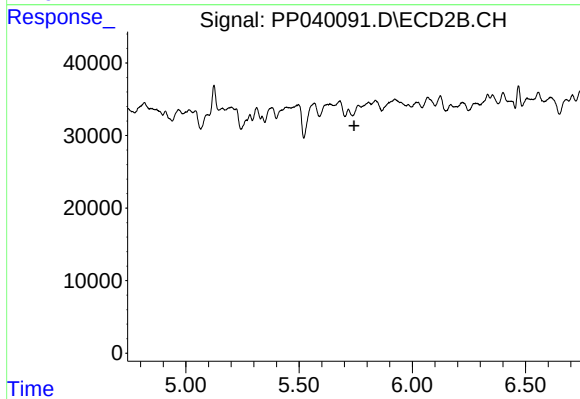
#23 AR-1248-3

R.T.: 5.567 min
Delta R.T.: 0.011 min
Response: 116535
Conc: 206.15 ng/ml



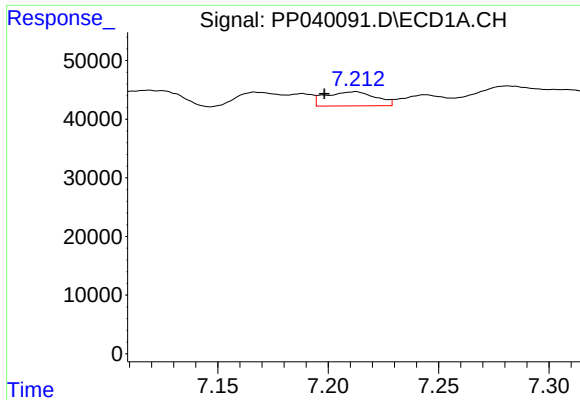
#24 AR-1248-4

R.T.: 7.168 min
Delta R.T.: 0.009 min
Response: 49437
Conc: 53.72 ng/ml



#24 AR-1248-4

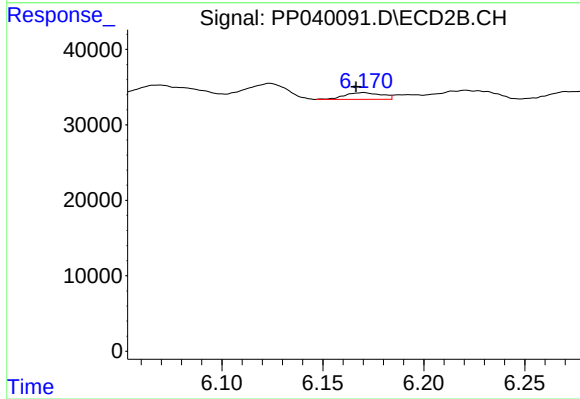
R.T.: 5.761 min
Delta R.T.: 0.019 min
Response: -919
Conc: N.D.



#25 AR-1248-5

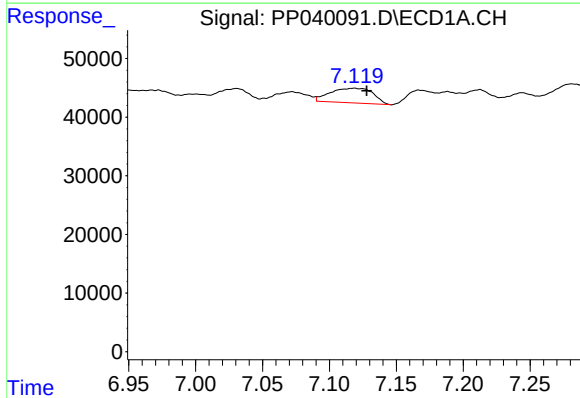
R.T.: 7.211 min
Delta R.T.: 0.013 min
Response: 38343
Conc: 43.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



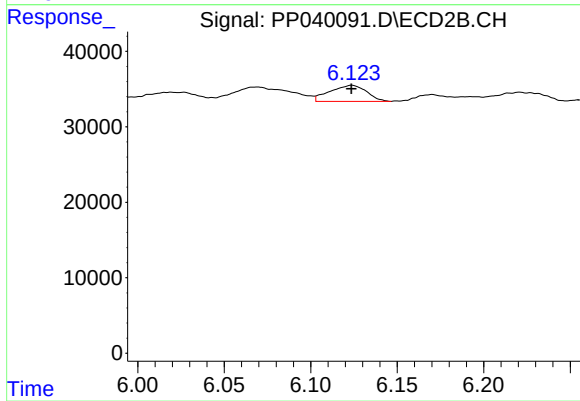
#25 AR-1248-5

R.T.: 6.170 min
Delta R.T.: 0.004 min
Response: 11249
Conc: 18.03 ng/ml



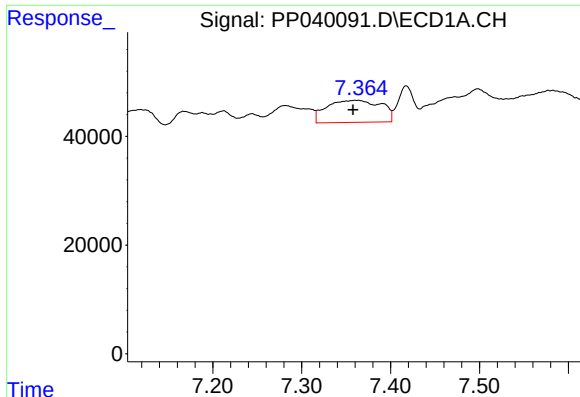
#26 AR-1254-1

R.T.: 7.119 min
Delta R.T.: -0.009 min
Response: 55329
Conc: 59.63 ng/ml



#26 AR-1254-1

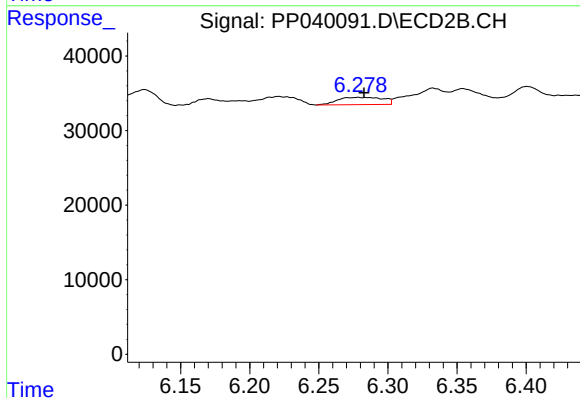
R.T.: 6.124 min
Delta R.T.: 0.000 min
Response: 31416
Conc: 32.79 ng/ml



#27 AR-1254-2

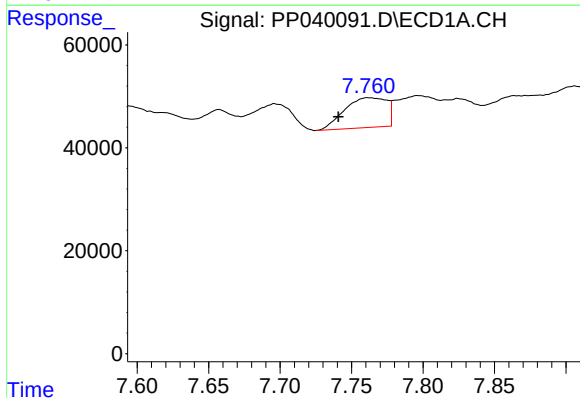
R.T.: 7.361 min
Delta R.T.: 0.003 min
Response: 172545
Conc: 124.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



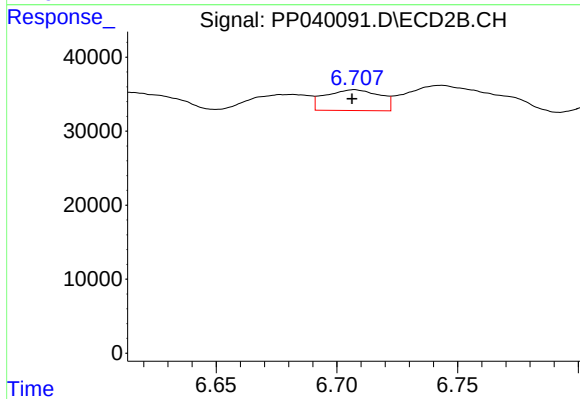
#27 AR-1254-2

R.T.: 6.278 min
Delta R.T.: -0.004 min
Response: 22404
Conc: 25.38 ng/ml



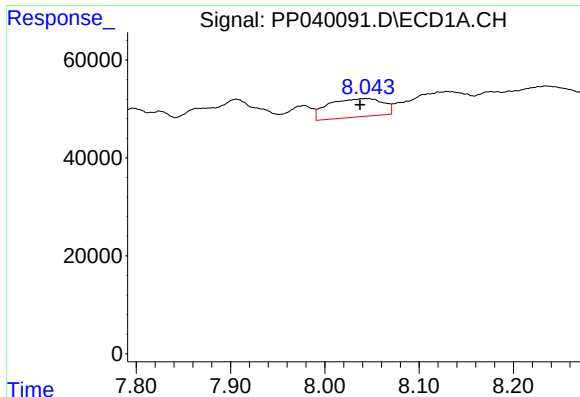
#28 AR-1254-3

R.T.: 7.762 min
Delta R.T.: 0.022 min
Response: 119260
Conc: 83.71 ng/ml



#28 AR-1254-3

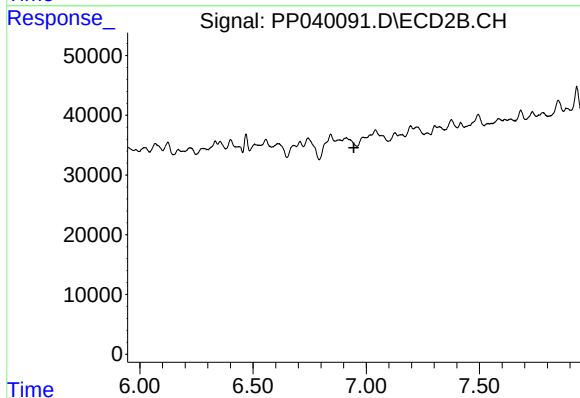
R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 44390
Conc: 32.56 ng/ml



#29 AR-1254-4

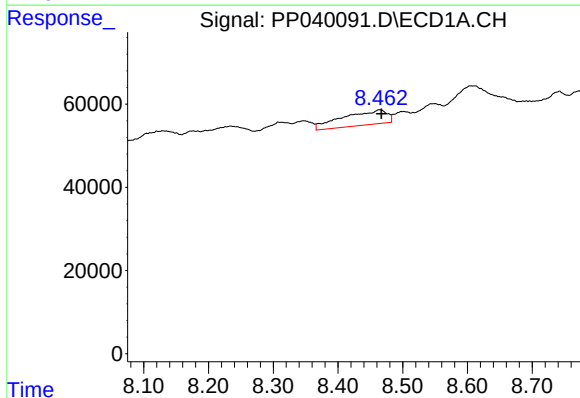
R.T.: 8.043 min
Delta R.T.: 0.006 min
Response: 151183
Conc: 142.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



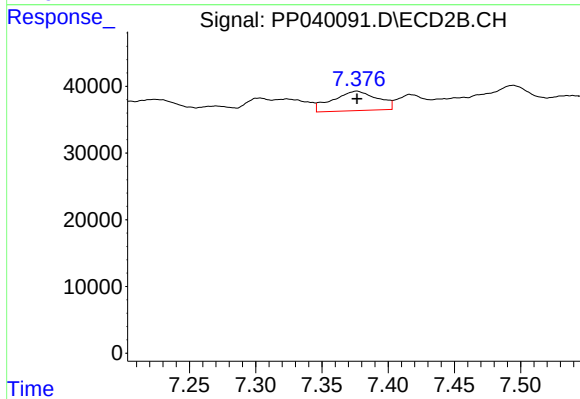
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.946 min
Response: 0
Conc: N.D.



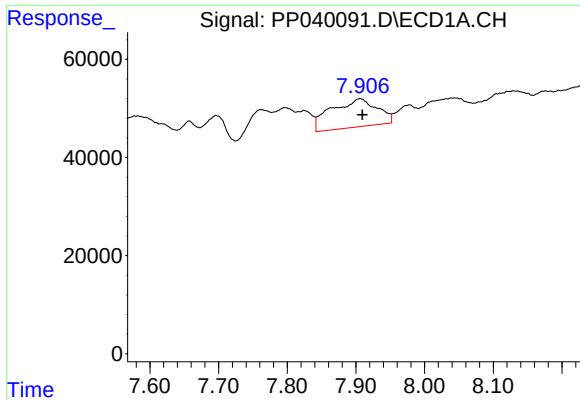
#30 AR-1254-5

R.T.: 8.465 min
Delta R.T.: -0.002 min
Response: 166704
Conc: 142.62 ng/ml



#30 AR-1254-5

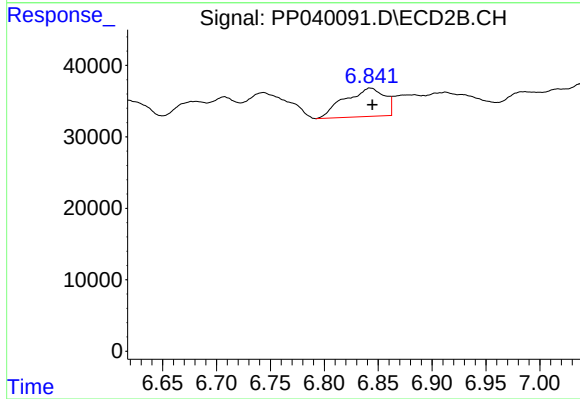
R.T.: 7.376 min
Delta R.T.: 0.000 min
Response: 68675
Conc: 53.20 ng/ml



#31 AR-1260-1

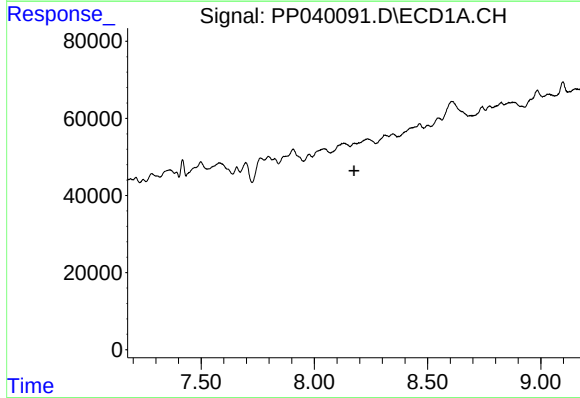
R.T.: 7.906 min
Delta R.T.: -0.003 min
Response: 267873
Conc: 245.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



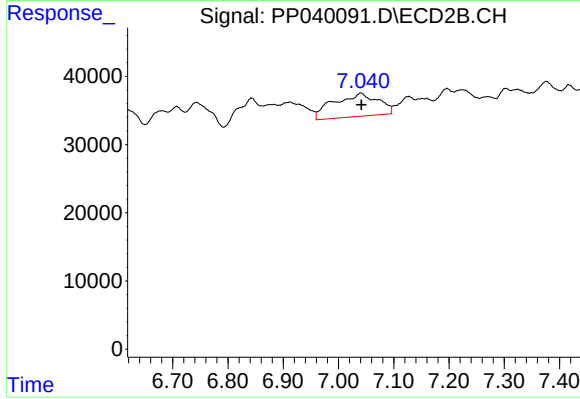
#31 AR-1260-1

R.T.: 6.843 min
Delta R.T.: -0.002 min
Response: 102755
Conc: 102.59 ng/ml



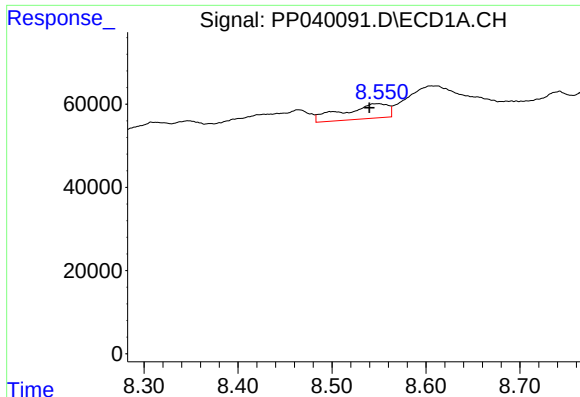
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 8.175 min
Response: 0
Conc: N.D.



#32 AR-1260-2

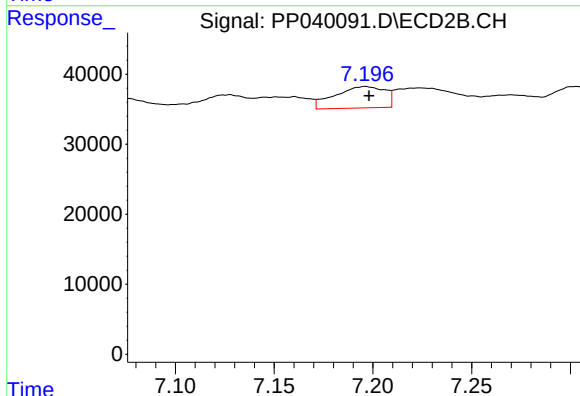
R.T.: 7.040 min
Delta R.T.: -0.001 min
Response: 189413
Conc: 159.96 ng/ml



#33 AR-1260-3

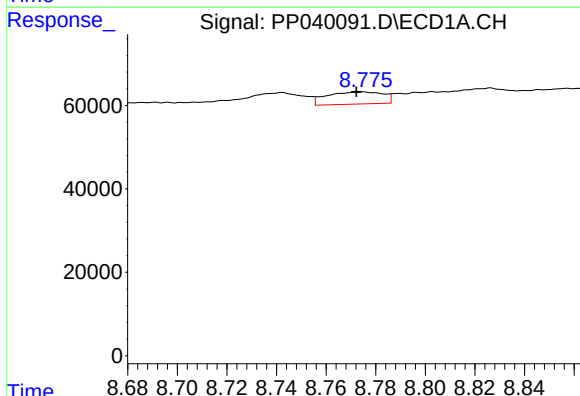
R.T.: 8.548 min
Delta R.T.: 0.008 min
Response: 117777
Conc: 129.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



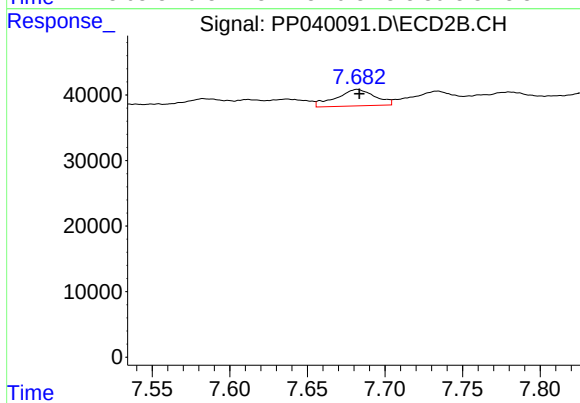
#33 AR-1260-3

R.T.: 7.196 min
Delta R.T.: -0.002 min
Response: 54142
Conc: 45.82 ng/ml



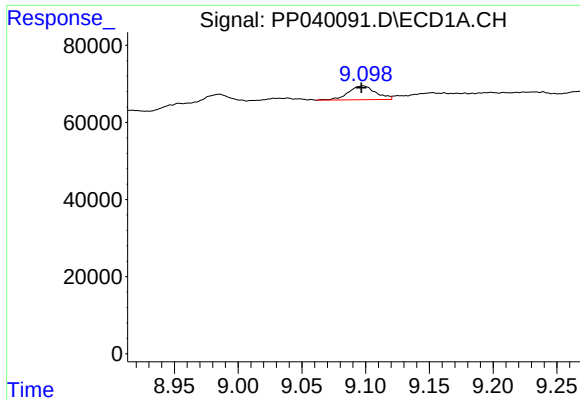
#34 AR-1260-4

R.T.: 8.774 min
Delta R.T.: 0.002 min
Response: 45804
Conc: 43.40 ng/ml



#34 AR-1260-4

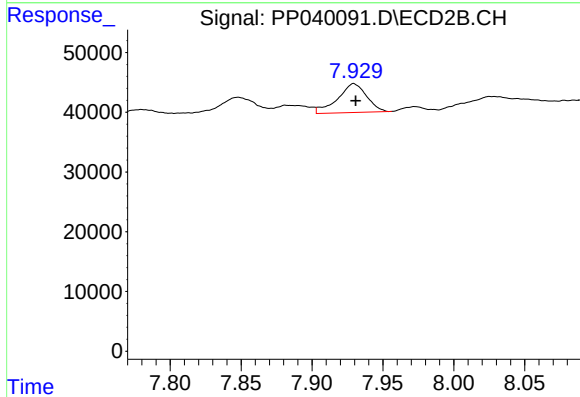
R.T.: 7.682 min
Delta R.T.: -0.001 min
Response: 43420
Conc: 49.40 ng/ml



#35 AR-1260-5

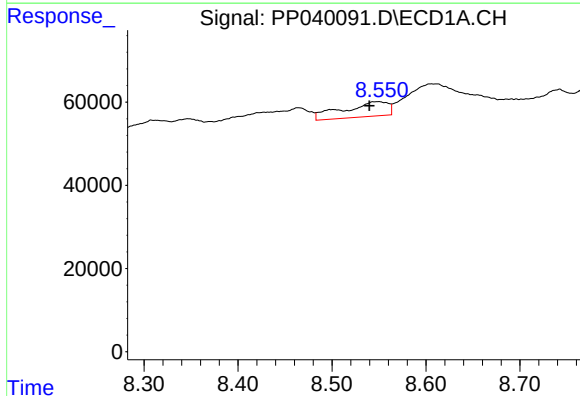
R.T.: 9.098 min
Delta R.T.: 0.000 min
Response: 53411
Conc: 25.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



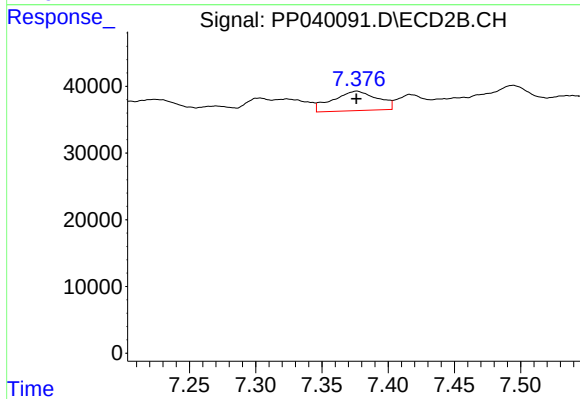
#35 AR-1260-5

R.T.: 7.930 min
Delta R.T.: -0.001 min
Response: 68551
Conc: 33.54 ng/ml



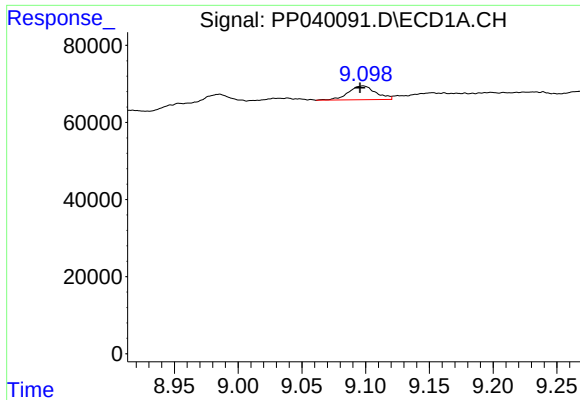
#36 AR-1262-1

R.T.: 8.548 min
Delta R.T.: 0.008 min
Response: 117777
Conc: 86.37 ng/ml



#36 AR-1262-1

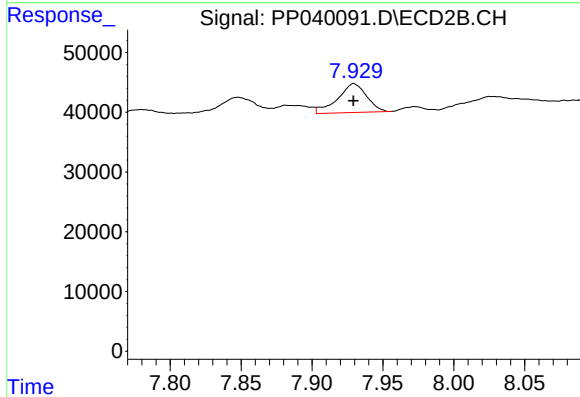
R.T.: 7.376 min
Delta R.T.: 0.000 min
Response: 68675
Conc: 97.76 ng/ml



#37 AR-1262-2

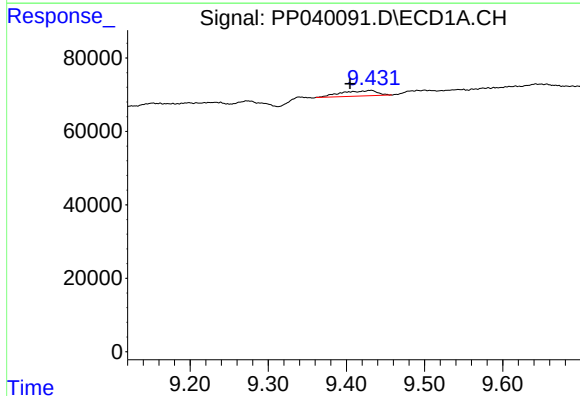
R.T.: 9.098 min
Delta R.T.: 0.002 min
Response: 53411
Conc: 21.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



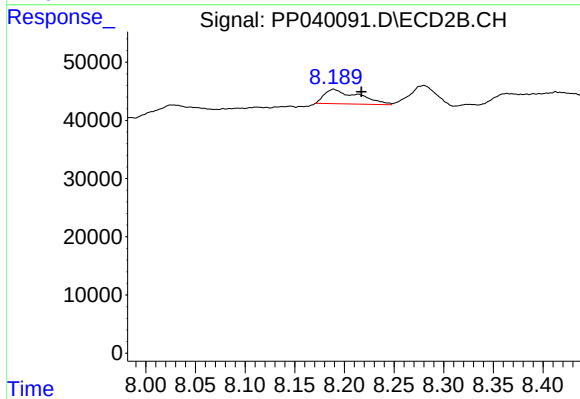
#37 AR-1262-2

R.T.: 7.930 min
Delta R.T.: 0.000 min
Response: 68551
Conc: 30.46 ng/ml



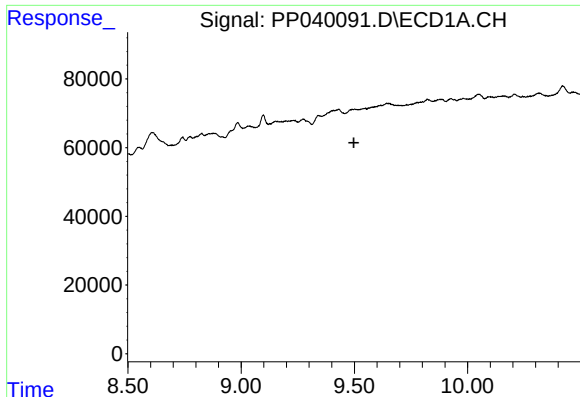
#38 AR-1262-3

R.T.: 9.431 min
Delta R.T.: 0.026 min
Response: 46143
Conc: 40.12 ng/ml



#38 AR-1262-3

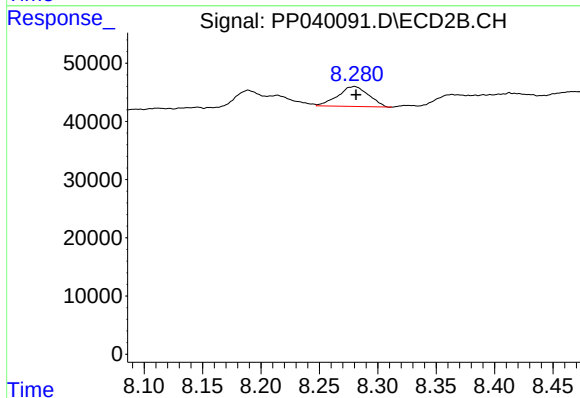
R.T.: 8.189 min
Delta R.T.: -0.028 min
Response: 58972
Conc: 60.55 ng/ml



#39 AR-1262-4

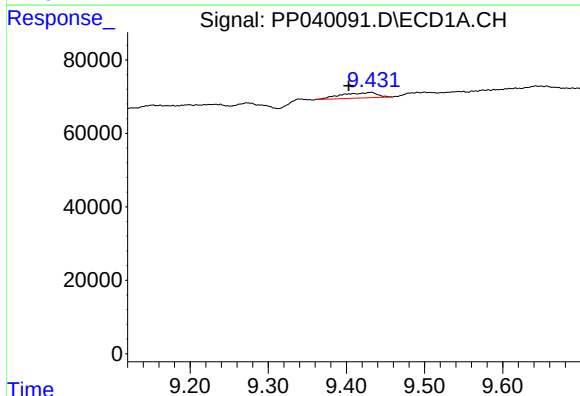
R.T.: 0.000 min
Exp R.T.: 9.498 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



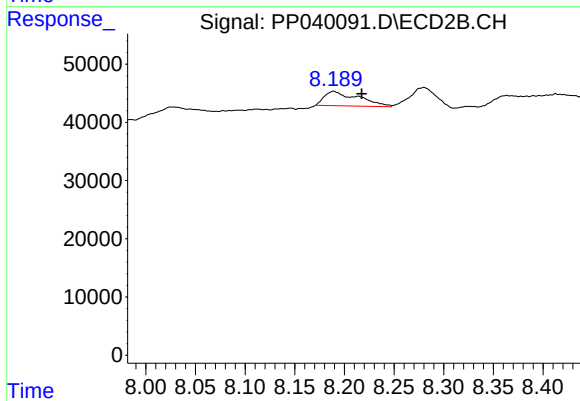
#39 AR-1262-4

R.T.: 8.279 min
Delta R.T.: -0.002 min
Response: 62713
Conc: 35.38 ng/ml



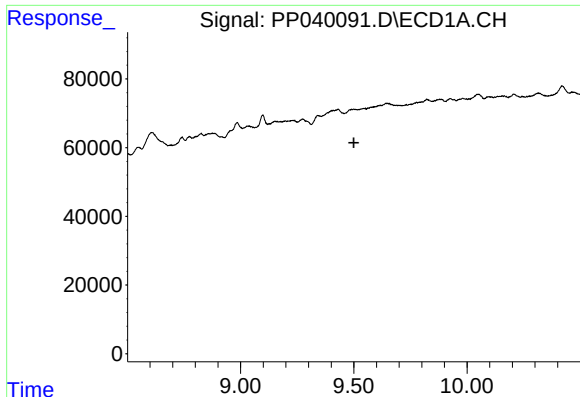
#41 AR-1268-1

R.T.: 9.431 min
Delta R.T.: 0.028 min
Response: 46143
Conc: 15.63 ng/ml



#41 AR-1268-1

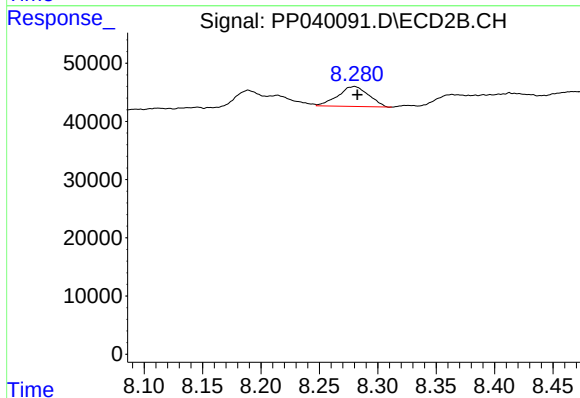
R.T.: 8.189 min
Delta R.T.: -0.028 min
Response: 58972
Conc: 21.86 ng/ml



#42 AR-1268-2

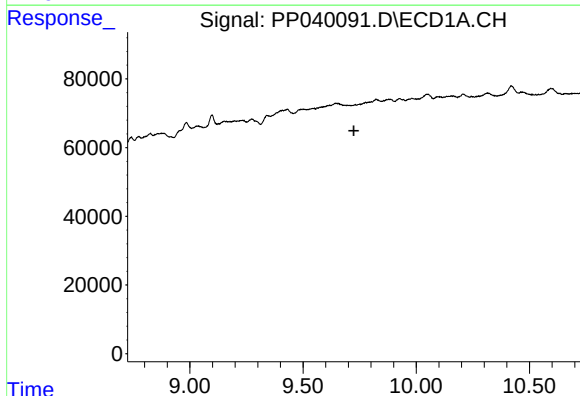
R.T.: 0.000 min
Exp R.T.: 9.500 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



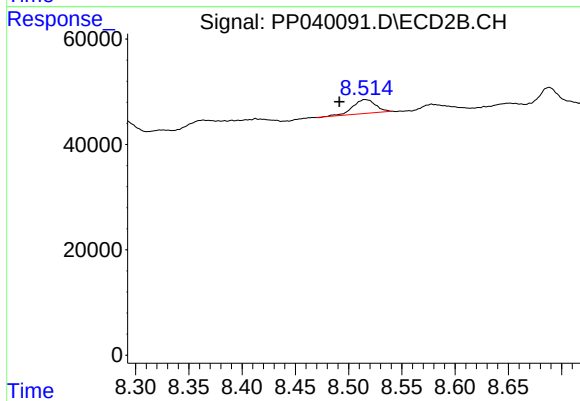
#42 AR-1268-2

R.T.: 8.279 min
Delta R.T.: -0.003 min
Response: 62713
Conc: 25.05 ng/ml



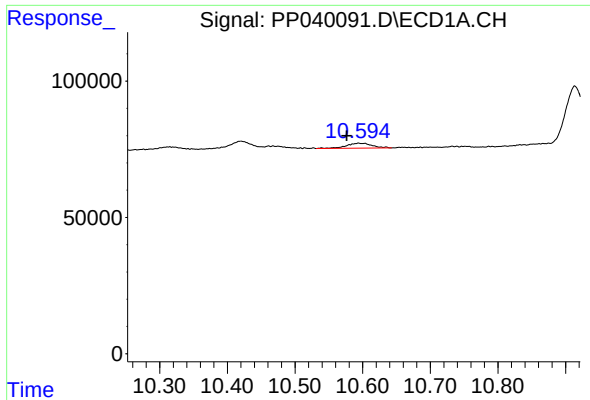
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 9.725 min
Response: 0
Conc: N.D.



#43 AR-1268-3

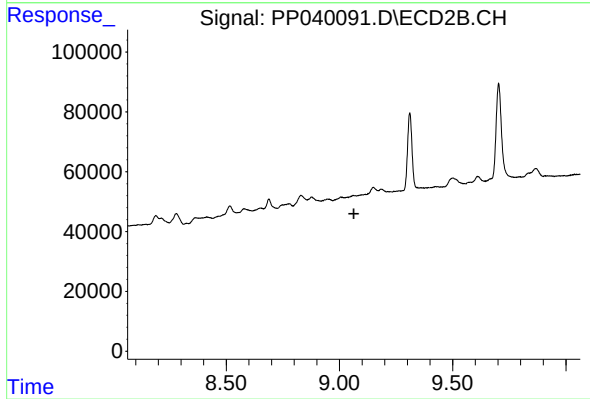
R.T.: 8.516 min
Delta R.T.: 0.025 min
Response: 40409
Conc: 18.45 ng/ml



#45 AR-1268-5

R.T.: 10.595 min
Delta R.T.: 0.018 min
Response: 47975
Conc: 5.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.064 min
Response: 0
Conc: N.D.