

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR113021\
 Data File : PR052786.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2021 04:01
 Operator : AJ\MA
 Sample : M4068-09
 Misc : AR1221 MDL 25 PPB
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 05:41:52 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR112921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Nov 29 22:45:34 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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...	4.684	3.852	58523538	43544755	17.754	15.948
2)	SA Decachlor...	10.611	8.853	63764925	56076712	19.675	17.348
Target Compounds							
3)	L1 AR-1016-1	5.869	4.935	245377	573243	1.985	5.899 #
4)	L1 AR-1016-2	5.897	4.935f	158973	573243	0.918	3.953 #
5)	L1 AR-1016-3	0.000	5.127	0	210807	N.D.	2.724 #
6)	L1 AR-1016-4	6.059	5.171	59885	1089632	0.677	17.206 #
7)	L1 AR-1016-5	6.348	5.378	289524	111691	3.212	1.379 #
8)	L2 AR-1221-1	4.915	4.062	2354687	541193	57.654	15.519 #
9)	L2 AR-1221-2	4.993	4.149	1310953	1064351	38.922	41.393
10)	L2 AR-1221-3	5.066	4.223	2006631	1488685	21.773	18.706
11)	L3 AR-1232-1	5.066	4.223	2006631	1488685	25.658	22.292
12)	L3 AR-1232-2	5.605	4.935f	216679	573243	5.186	8.956 #
13)	L3 AR-1232-3	5.897	5.127	158973	210807	2.073	6.126 #
14)	L3 AR-1232-4	6.059	0.000	59885	0	1.513	N.D. #
15)	L3 AR-1232-5	6.164f	5.378	1305717	111691	41.152	3.389 #
16)	L4 AR-1242-1	5.869	4.935	245377	573243	2.560	7.936 #
17)	L4 AR-1242-2	5.897	4.935f	158973	573243	1.231	5.251 #
18)	L4 AR-1242-3	0.000	5.127	0	210807	N.D.	3.555 #
19)	L4 AR-1242-4	6.059	0.000	59885	0	0.878	N.D. #
20)	L4 AR-1242-5	6.809	5.709f	697498	125019	9.366	1.769 #
21)	L5 AR-1248-1	5.869	4.935	245377	573243	3.443	10.009 #
22)	L5 AR-1248-2	6.164f	5.171	1305717	1089632	12.858	13.721
23)	L5 AR-1248-3	6.348	0.000	289524	0	2.570	N.D. #
24)	L5 AR-1248-4	0.000	5.378	0	111691	N.D.	1.126 #
25)	L5 AR-1248-5	6.809	0.000	697498	0	5.716	N.D. #
26)	L6 AR-1254-1	6.703f	5.709f	158046	125019	1.204	0.825 #
27)	L6 AR-1254-2	6.952	0.000	50284	0	0.249	N.D. #
28)	L6 AR-1254-3	0.000	6.261f	0	91447	N.D.	0.414 #
29)	L6 AR-1254-4	7.596	0.000	548509	0	3.473	N.D. #
30)	L6 AR-1254-5	8.015	0.000	377146	0	2.140	N.D. #
31)	L7 AR-1260-1	7.477	0.000	241559	0	1.555	N.D. #
32)	L7 AR-1260-2	7.744	6.583	1431563	97686	7.672	0.563 #
33)	L7 AR-1260-3	8.084f	6.716f	358273	861993	2.445	5.109 #
35)	L7 AR-1260-5	0.000	7.474f	0	188517	N.D.	0.515 #
36)	L8 AR-1262-1	8.084	0.000	358273	0	1.767	N.D. #
37)	L8 AR-1262-2	0.000	7.474f	0	188517	N.D.	0.485 #
38)	L8 AR-1262-3	9.034f	7.728	389560	123416	2.379	0.774 #
39)	L8 AR-1262-4	0.000	7.808	0	132520	N.D.	0.439 #
41)	L9 AR-1268-1	9.034f	7.728	389560	123416	0.871	0.261 #
42)	L9 AR-1268-2	0.000	7.808	0	132520	N.D.	0.298 #
43)	L9 AR-1268-3	0.000	7.998	0	288370	N.D.	0.747 #

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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	10.256	8.590	720419	525741	0.620	0.422 #

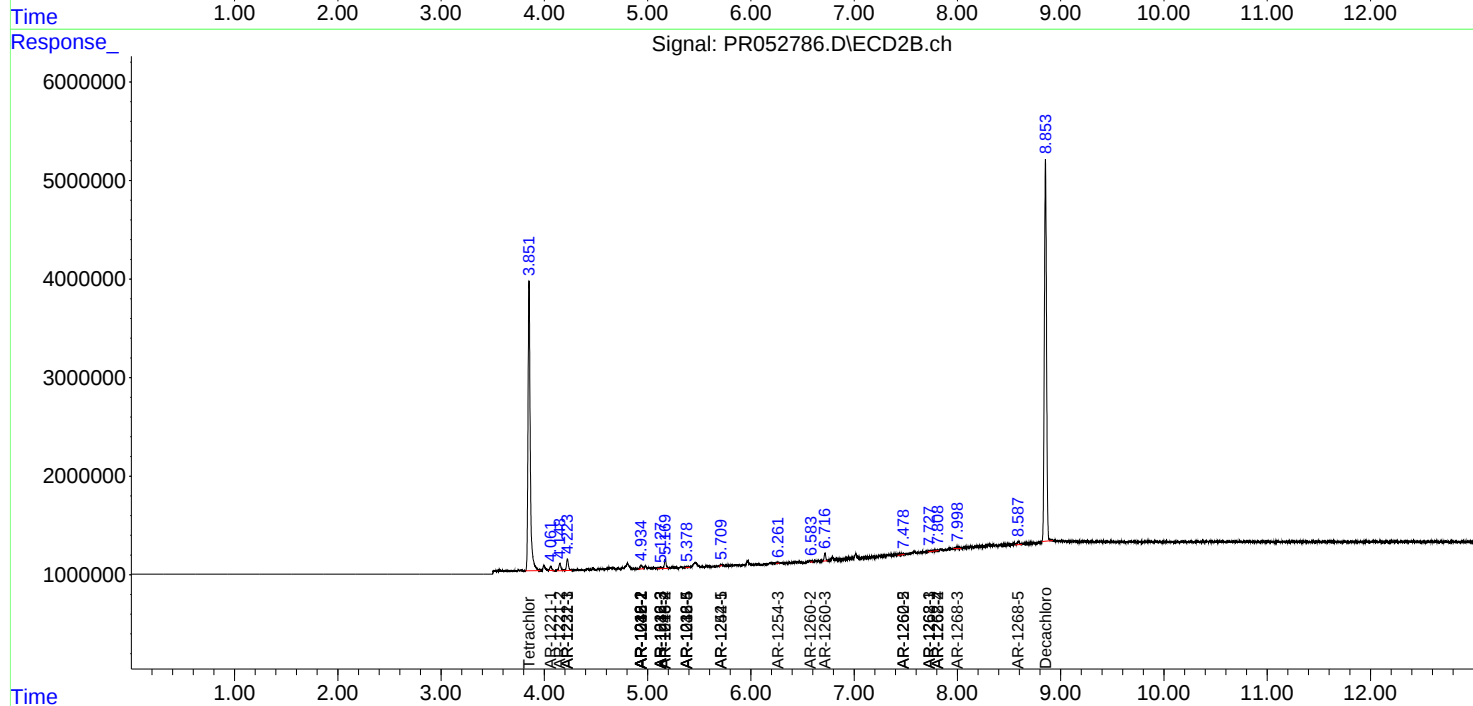
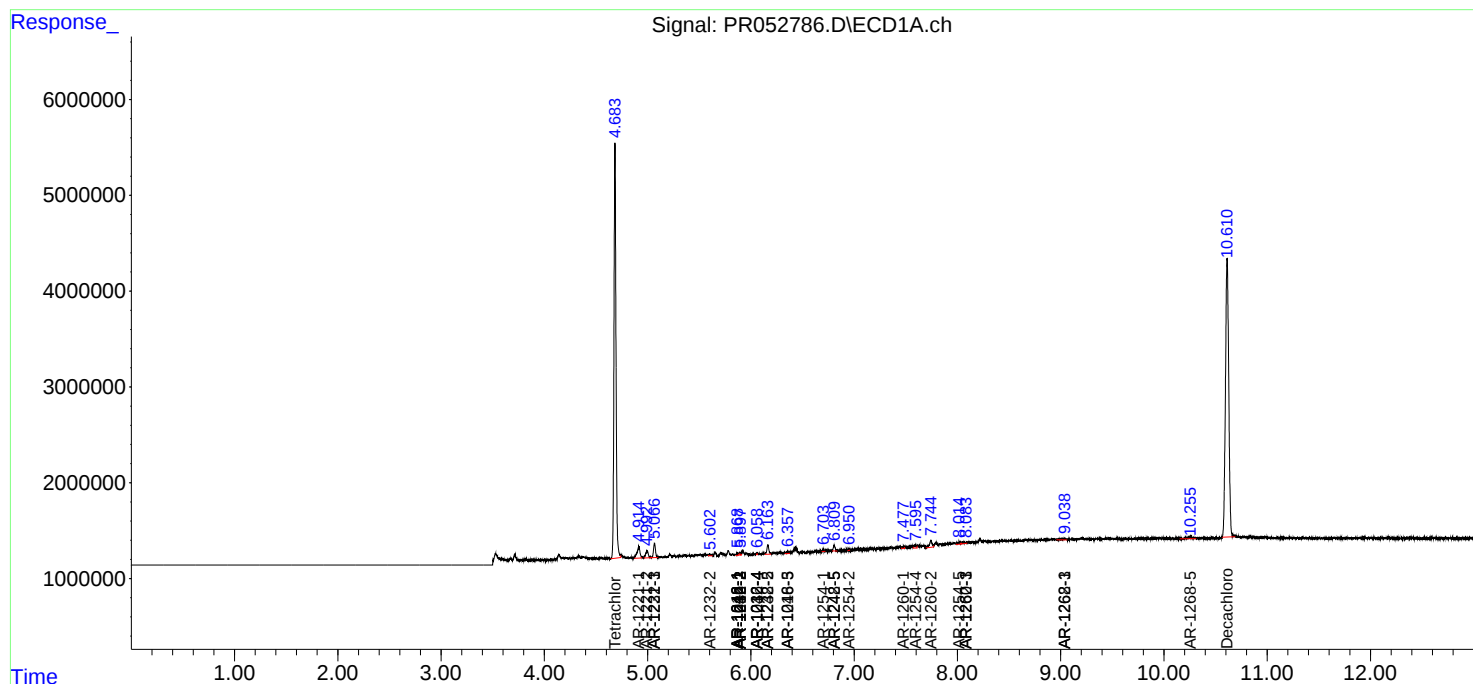
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

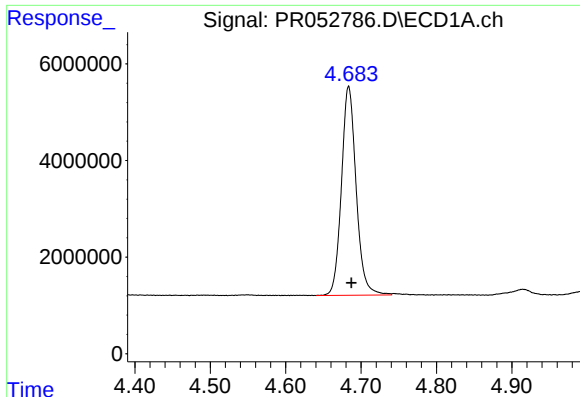
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR113021\
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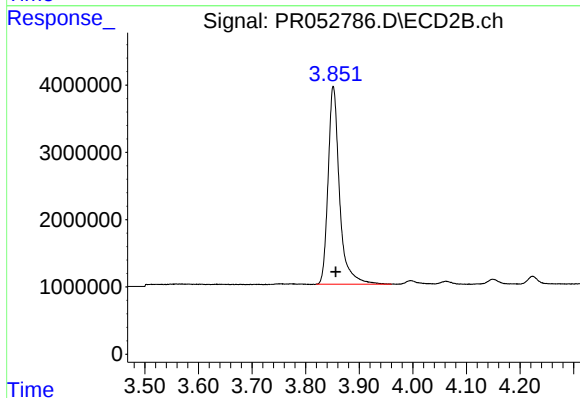




#1 Tetrachloro-m-xylene

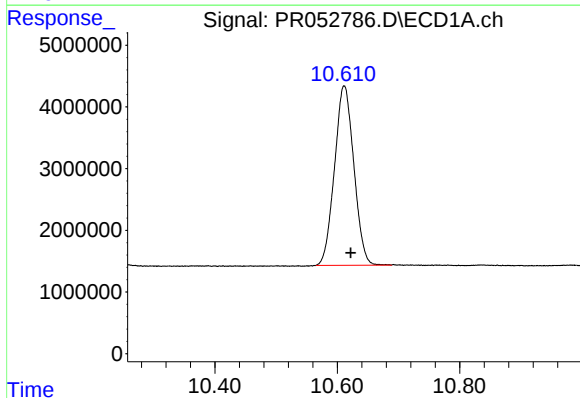
R.T.: 4.684 min
Delta R.T.: -0.003 min
Response: 58523538
Conc: 17.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



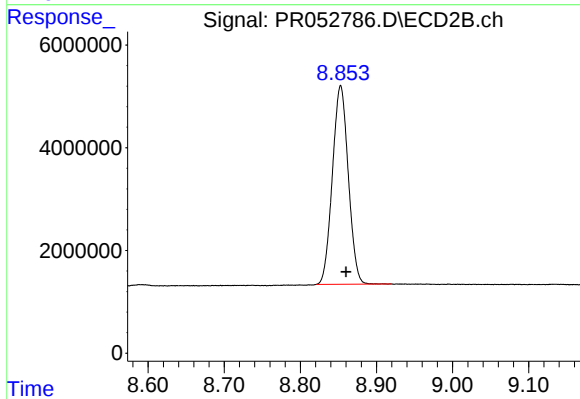
#1 Tetrachloro-m-xylene

R.T.: 3.852 min
Delta R.T.: -0.005 min
Response: 43544755
Conc: 15.95 ng/ml



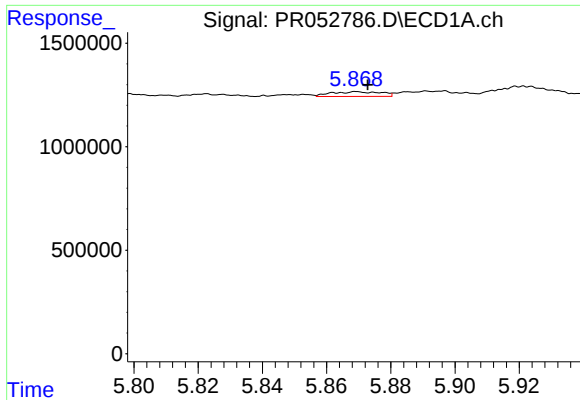
#2 Decachlorobiphenyl

R.T.: 10.611 min
Delta R.T.: -0.011 min
Response: 63764925
Conc: 19.67 ng/ml



#2 Decachlorobiphenyl

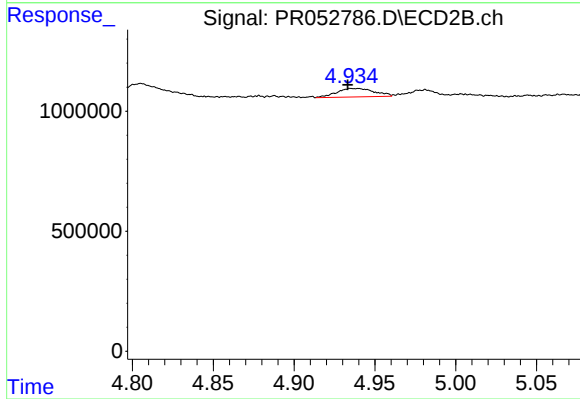
R.T.: 8.853 min
Delta R.T.: -0.007 min
Response: 56076712
Conc: 17.35 ng/ml



#3 AR-1016-1

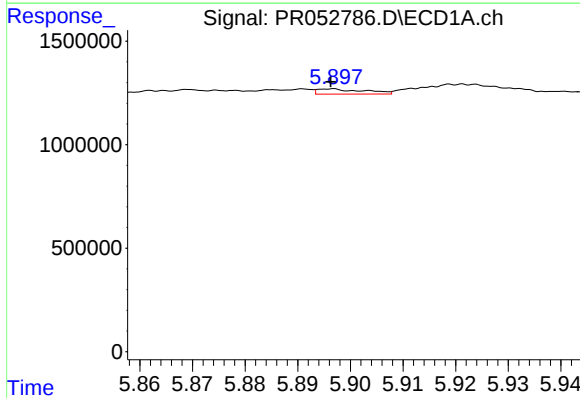
R.T.: 5.869 min
Delta R.T.: -0.004 min
Response: 245377
Conc: 1.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



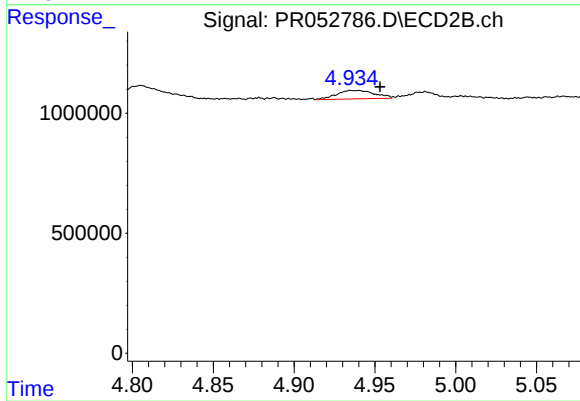
#3 AR-1016-1

R.T.: 4.935 min
Delta R.T.: 0.002 min
Response: 573243
Conc: 5.90 ng/ml



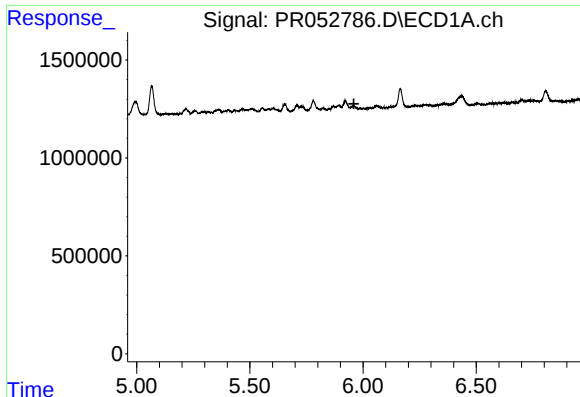
#4 AR-1016-2

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 158973
Conc: 0.92 ng/ml



#4 AR-1016-2

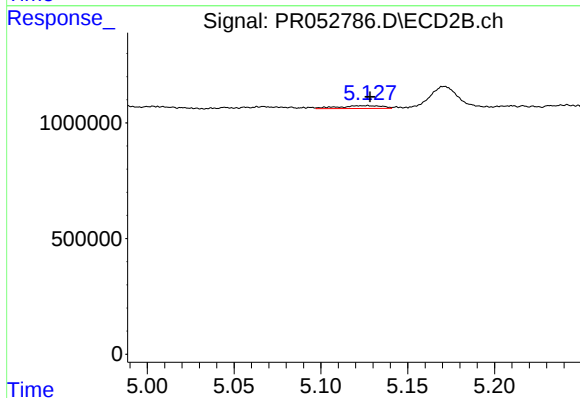
R.T.: 4.935 min
Delta R.T.: -0.018 min
Response: 573243
Conc: 3.95 ng/ml



#5 AR-1016-3

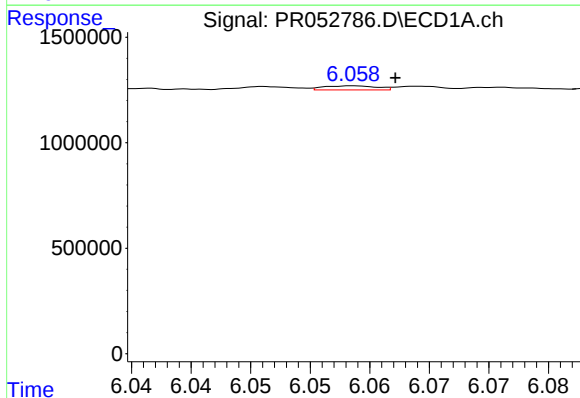
R.T.: 0.000 min
Exp R.T.: 5.960 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



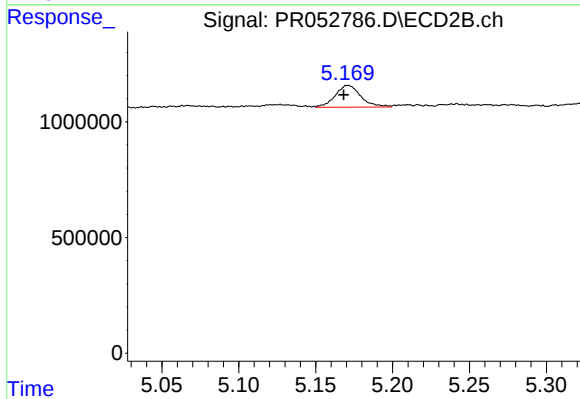
#5 AR-1016-3

R.T.: 5.127 min
Delta R.T.: -0.001 min
Response: 210807
Conc: 2.72 ng/ml



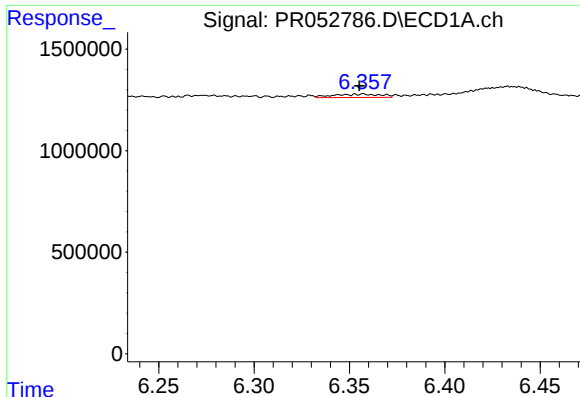
#6 AR-1016-4

R.T.: 6.059 min
Delta R.T.: -0.003 min
Response: 59885
Conc: 0.68 ng/ml



#6 AR-1016-4

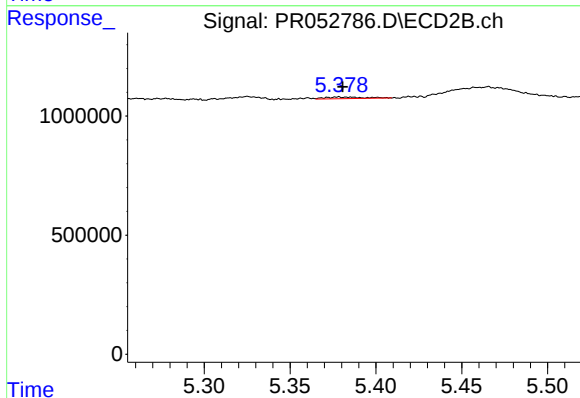
R.T.: 5.171 min
Delta R.T.: 0.003 min
Response: 1089632
Conc: 17.21 ng/ml



#7 AR-1016-5

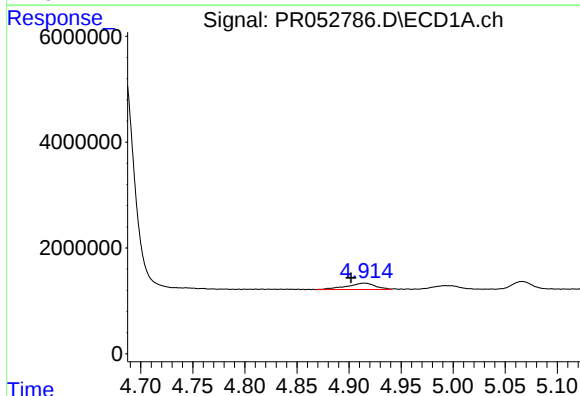
R.T.: 6.348 min
Delta R.T.: -0.007 min
Response: 289524
Conc: 3.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



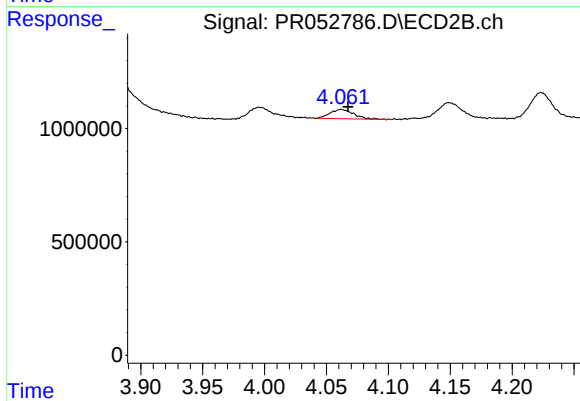
#7 AR-1016-5

R.T.: 5.378 min
Delta R.T.: -0.002 min
Response: 111691
Conc: 1.38 ng/ml



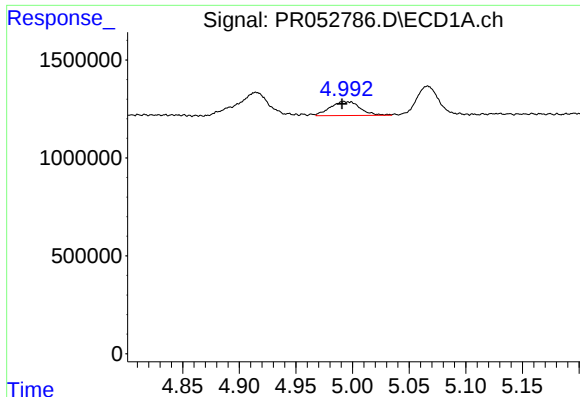
#8 AR-1221-1

R.T.: 4.915 min
Delta R.T.: 0.013 min
Response: 2354687
Conc: 57.65 ng/ml



#8 AR-1221-1

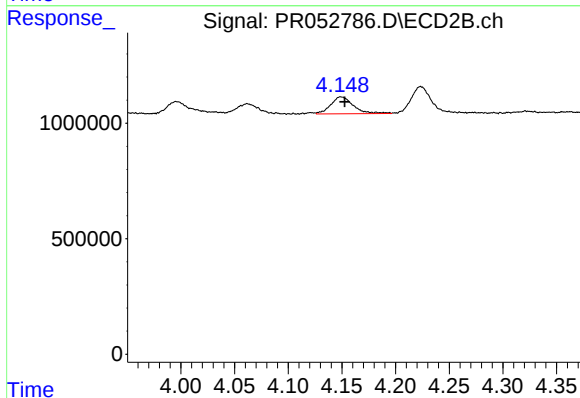
R.T.: 4.062 min
Delta R.T.: -0.006 min
Response: 541193
Conc: 15.52 ng/ml



#9 AR-1221-2

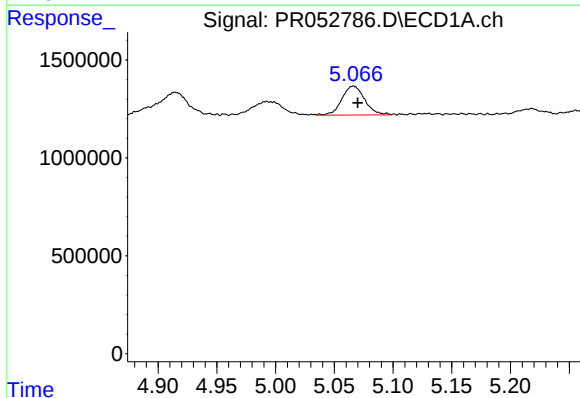
R.T.: 4.993 min
Delta R.T.: 0.002 min
Response: 1310953
Conc: 38.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



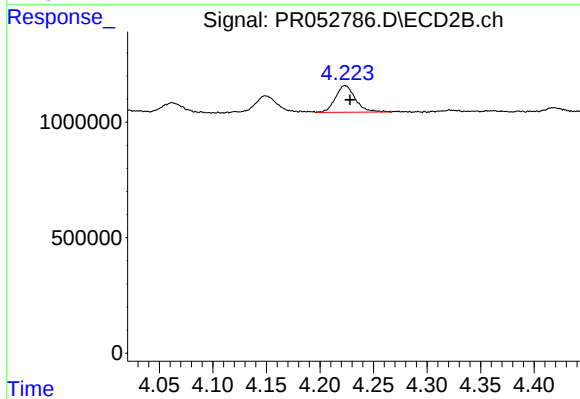
#9 AR-1221-2

R.T.: 4.149 min
Delta R.T.: -0.004 min
Response: 1064351
Conc: 41.39 ng/ml



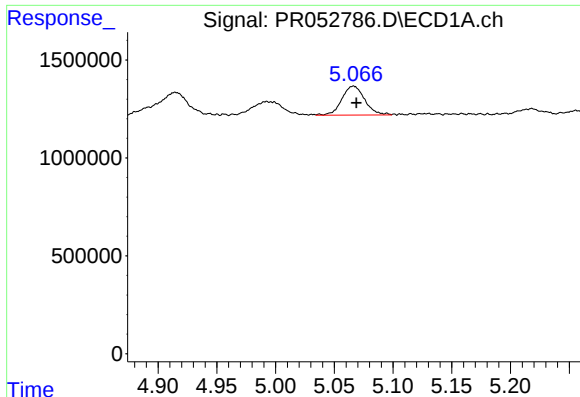
#10 AR-1221-3

R.T.: 5.066 min
Delta R.T.: -0.004 min
Response: 2006631
Conc: 21.77 ng/ml



#10 AR-1221-3

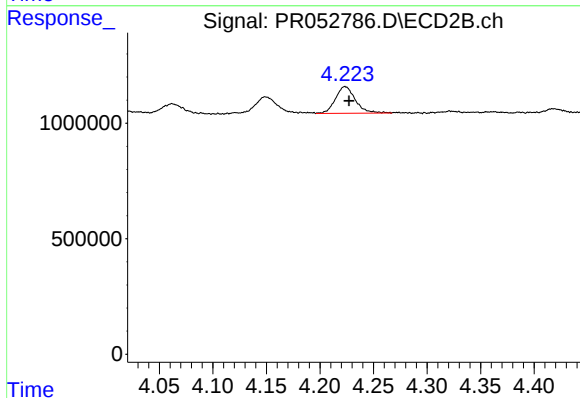
R.T.: 4.223 min
Delta R.T.: -0.005 min
Response: 1488685
Conc: 18.71 ng/ml



#11 AR-1232-1

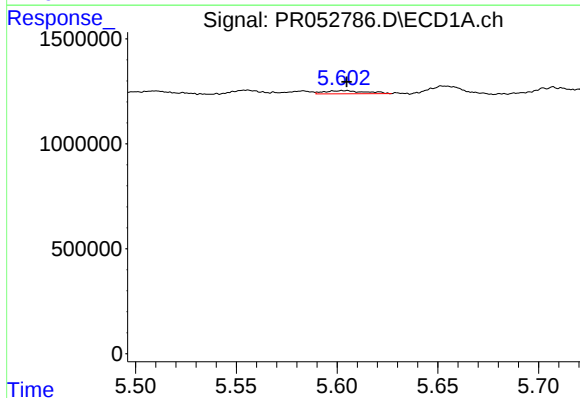
R.T.: 5.066 min
Delta R.T.: -0.002 min
Response: 2006631
Conc: 25.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



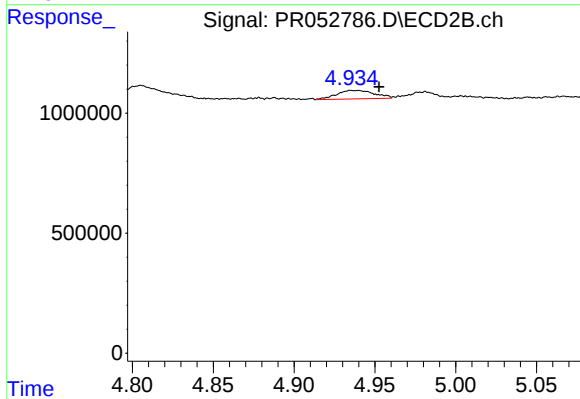
#11 AR-1232-1

R.T.: 4.223 min
Delta R.T.: -0.004 min
Response: 1488685
Conc: 22.29 ng/ml



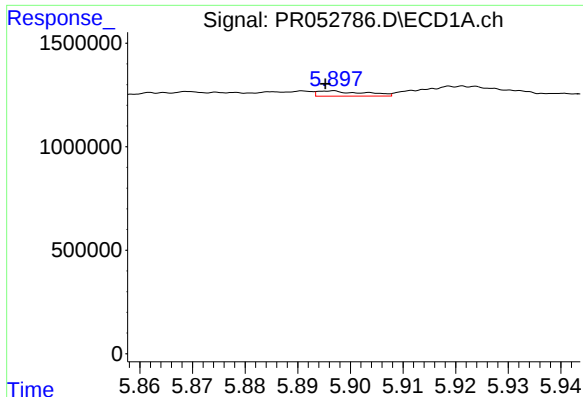
#12 AR-1232-2

R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 216679
Conc: 5.19 ng/ml



#12 AR-1232-2

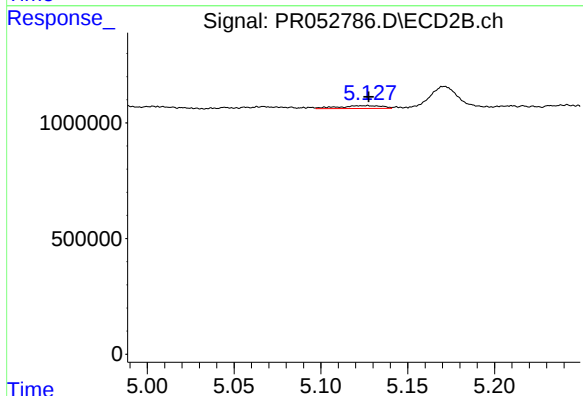
R.T.: 4.935 min
Delta R.T.: -0.018 min
Response: 573243
Conc: 8.96 ng/ml



#13 AR-1232-3

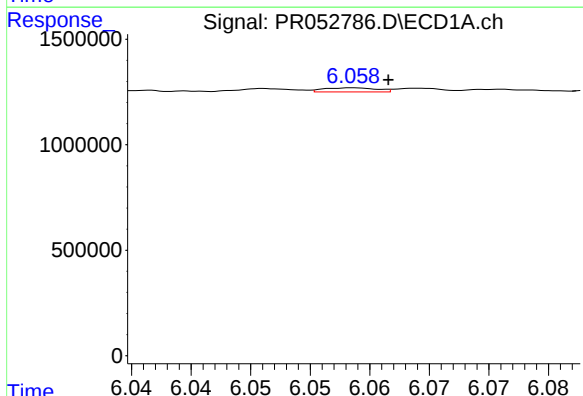
R.T.: 5.897 min
Delta R.T.: 0.001 min
Response: 158973
Conc: 2.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



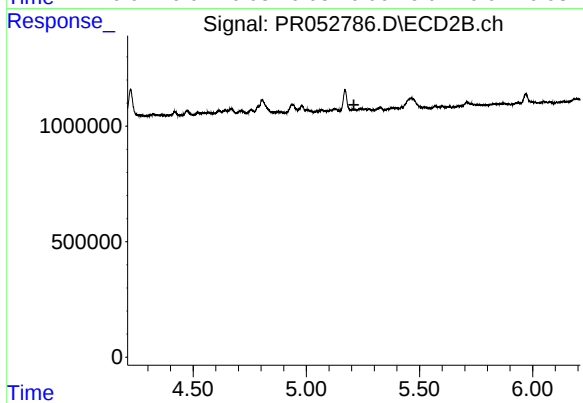
#13 AR-1232-3

R.T.: 5.127 min
Delta R.T.: 0.000 min
Response: 210807
Conc: 6.13 ng/ml



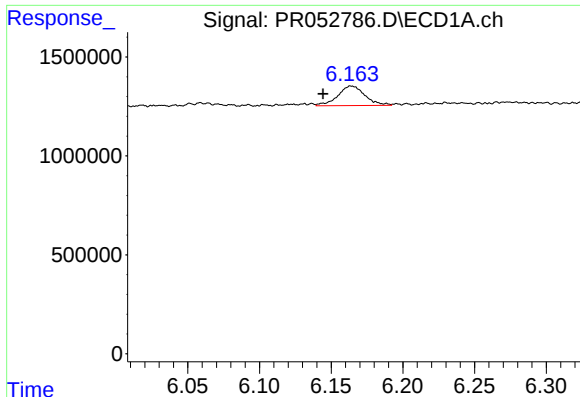
#14 AR-1232-4

R.T.: 6.059 min
Delta R.T.: -0.003 min
Response: 59885
Conc: 1.51 ng/ml



#14 AR-1232-4

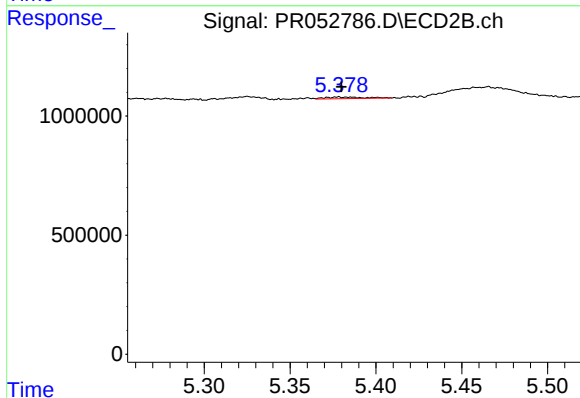
R.T.: 0.000 min
Exp R.T.: 5.210 min
Response: 0
Conc: N.D.



#15 AR-1232-5

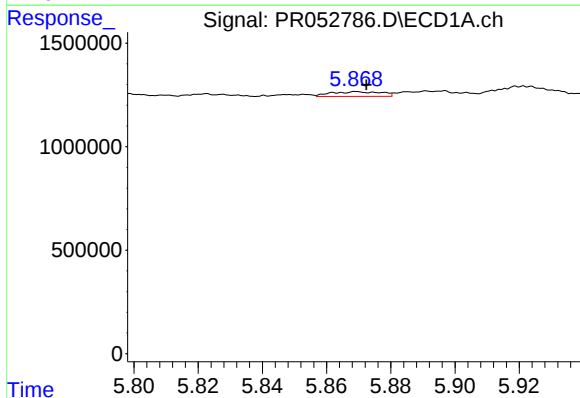
R.T.: 6.164 min
Delta R.T.: 0.020 min
Response: 1305717
Conc: 41.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



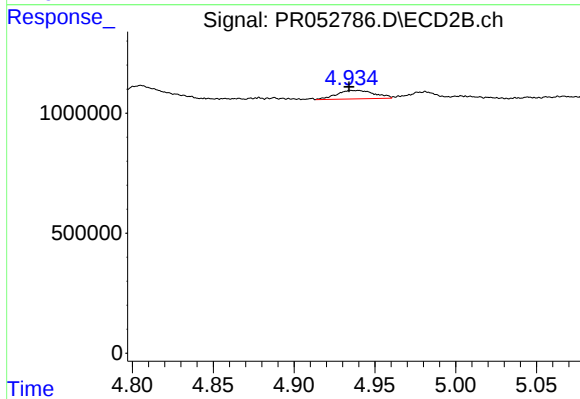
#15 AR-1232-5

R.T.: 5.378 min
Delta R.T.: -0.001 min
Response: 111691
Conc: 3.39 ng/ml



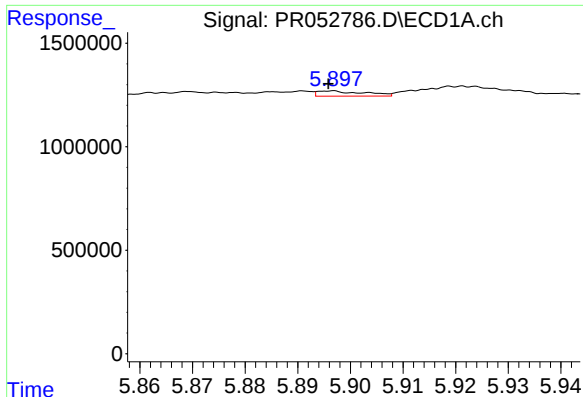
#16 AR-1242-1

R.T.: 5.869 min
Delta R.T.: -0.003 min
Response: 245377
Conc: 2.56 ng/ml



#16 AR-1242-1

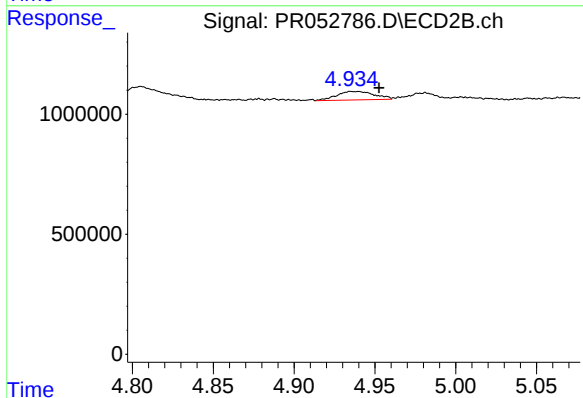
R.T.: 4.935 min
Delta R.T.: 0.001 min
Response: 573243
Conc: 7.94 ng/ml



#17 AR-1242-2

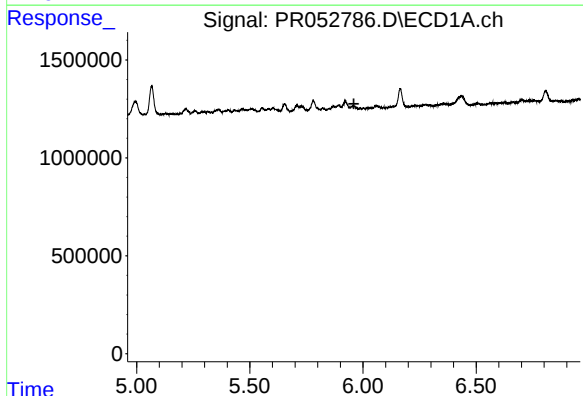
R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 158973
Conc: 1.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



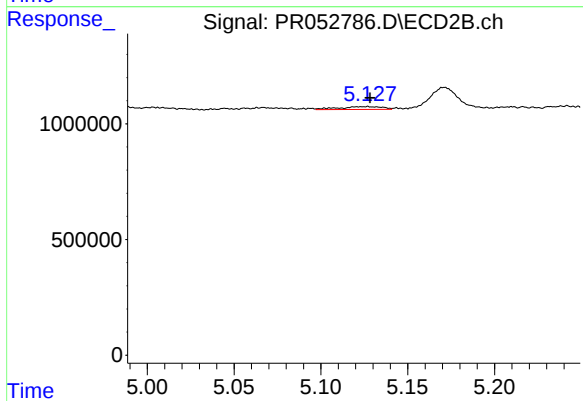
#17 AR-1242-2

R.T.: 4.935 min
Delta R.T.: -0.018 min
Response: 573243
Conc: 5.25 ng/ml



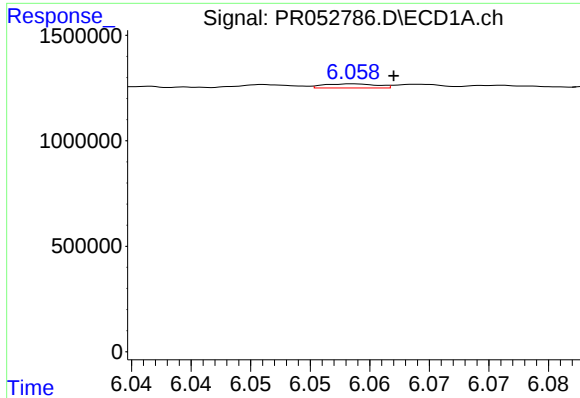
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.960 min
Response: 0
Conc: N.D.



#18 AR-1242-3

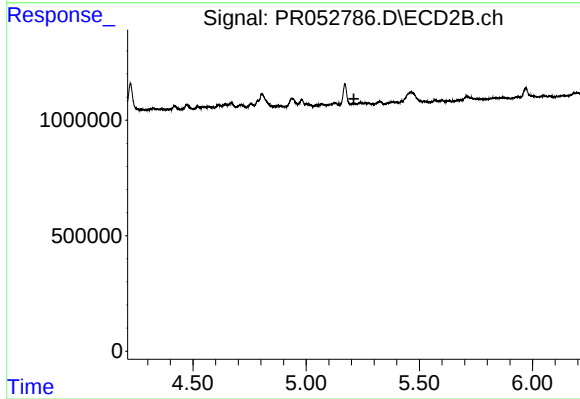
R.T.: 5.127 min
Delta R.T.: -0.001 min
Response: 210807
Conc: 3.56 ng/ml



#19 AR-1242-4

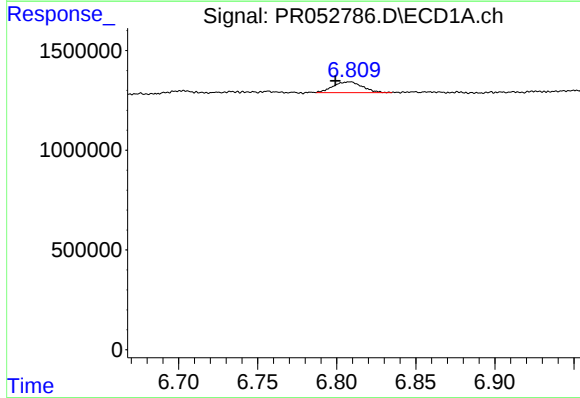
R.T.: 6.059 min
Delta R.T.: -0.003 min
Response: 59885
Conc: 0.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



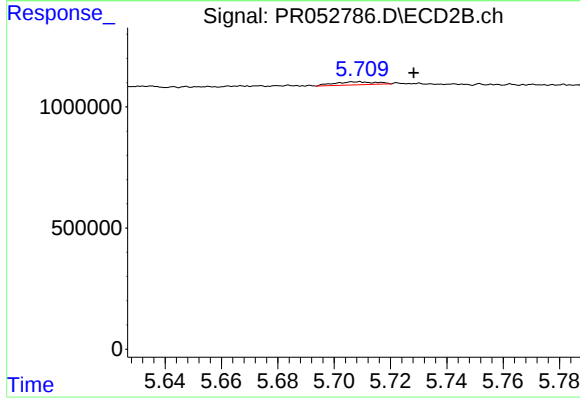
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.211 min
Response: 0
Conc: N.D.



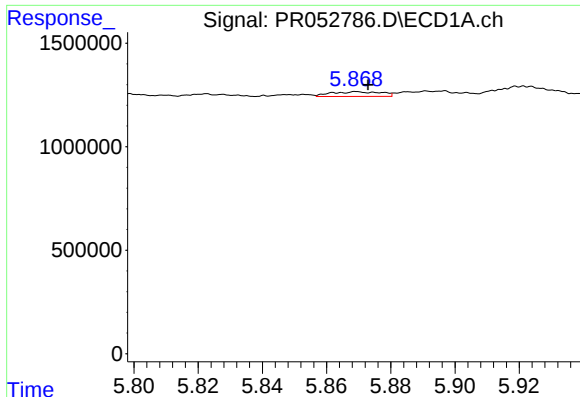
#20 AR-1242-5

R.T.: 6.809 min
Delta R.T.: 0.009 min
Response: 697498
Conc: 9.37 ng/ml



#20 AR-1242-5

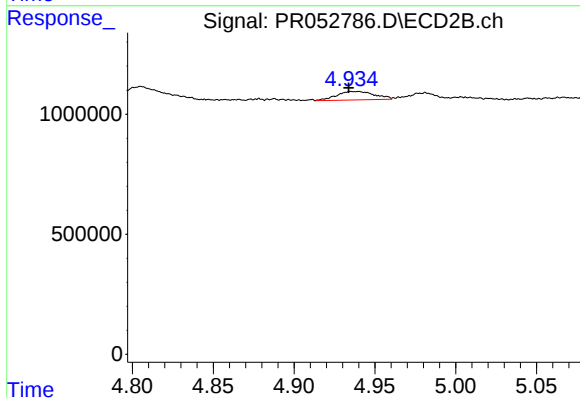
R.T.: 5.709 min
Delta R.T.: -0.019 min
Response: 125019
Conc: 1.77 ng/ml



#21 AR-1248-1

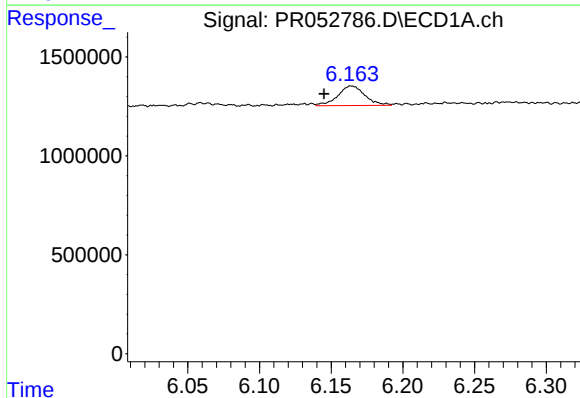
R.T.: 5.869 min
Delta R.T.: -0.004 min
Response: 245377
Conc: 3.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



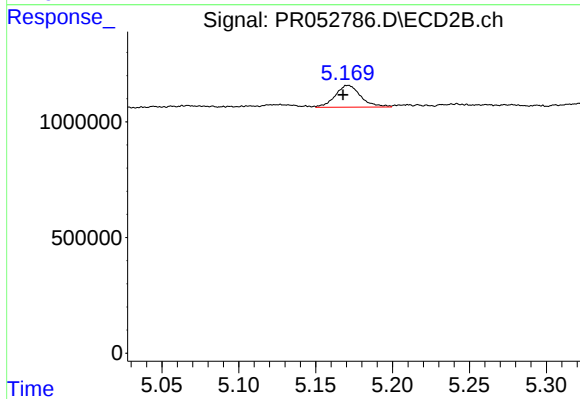
#21 AR-1248-1

R.T.: 4.935 min
Delta R.T.: 0.001 min
Response: 573243
Conc: 10.01 ng/ml



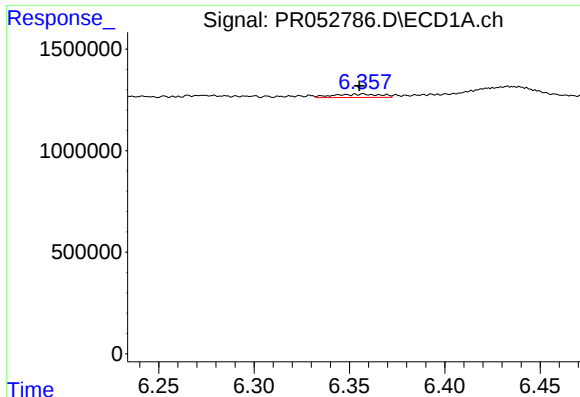
#22 AR-1248-2

R.T.: 6.164 min
Delta R.T.: 0.019 min
Response: 1305717
Conc: 12.86 ng/ml



#22 AR-1248-2

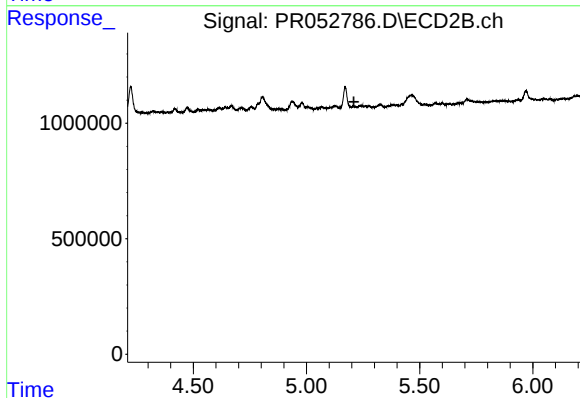
R.T.: 5.171 min
Delta R.T.: 0.003 min
Response: 1089632
Conc: 13.72 ng/ml



#23 AR-1248-3

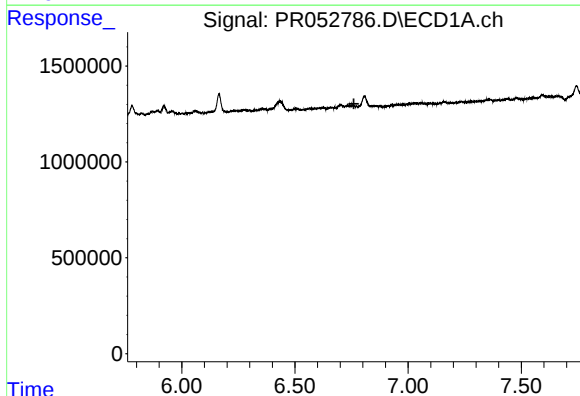
R.T.: 6.348 min
Delta R.T.: -0.007 min
Response: 289524
Conc: 2.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



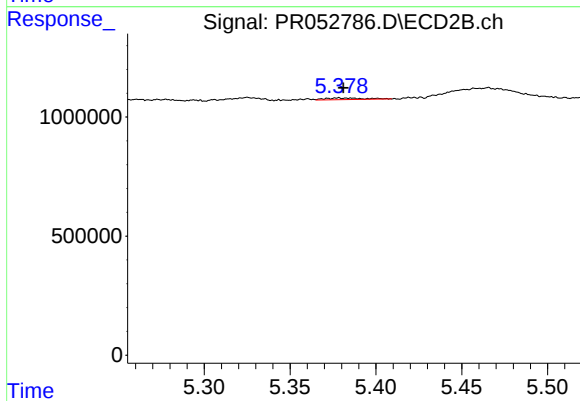
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.210 min
Response: 0
Conc: N.D.



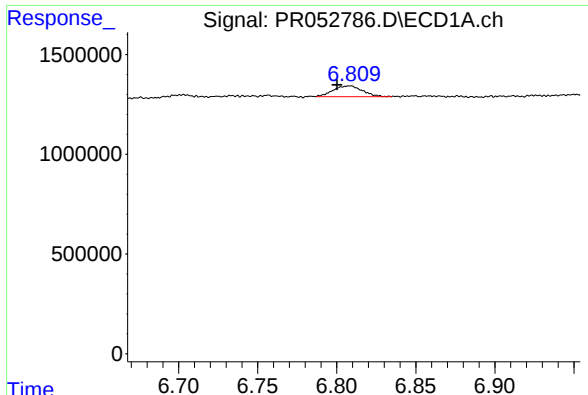
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.761 min
Response: 0
Conc: N.D.



#24 AR-1248-4

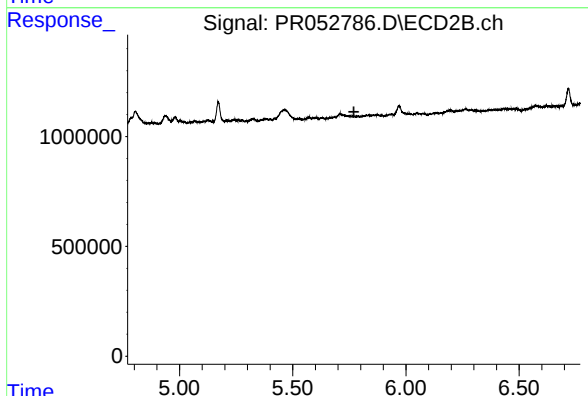
R.T.: 5.378 min
Delta R.T.: -0.002 min
Response: 111691
Conc: 1.13 ng/ml



#25 AR-1248-5

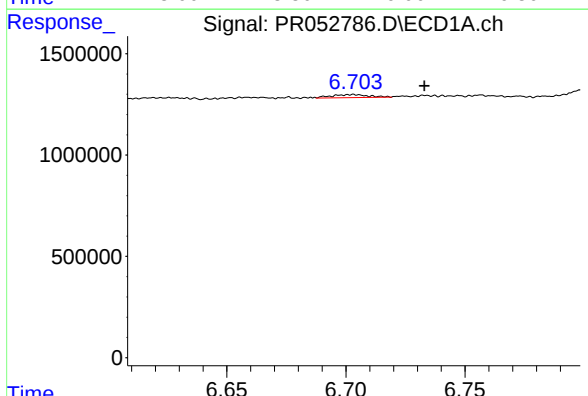
R.T.: 6.809 min
Delta R.T.: 0.009 min
Response: 697498
Conc: 5.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



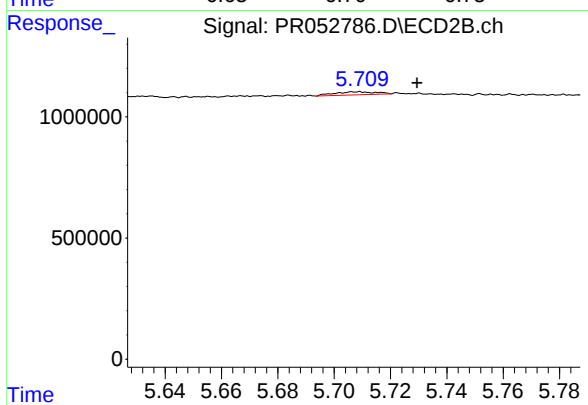
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.770 min
Response: 0
Conc: N.D.



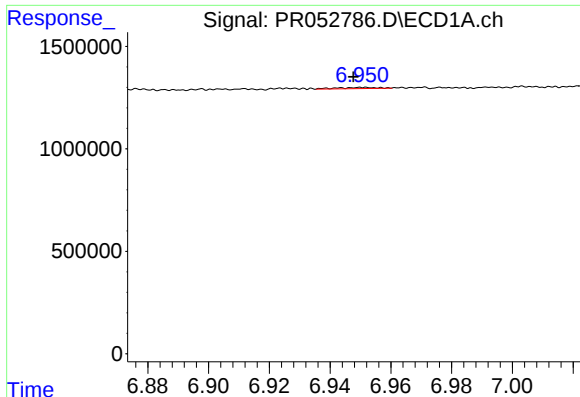
#26 AR-1254-1

R.T.: 6.703 min
Delta R.T.: -0.030 min
Response: 158046
Conc: 1.20 ng/ml



#26 AR-1254-1

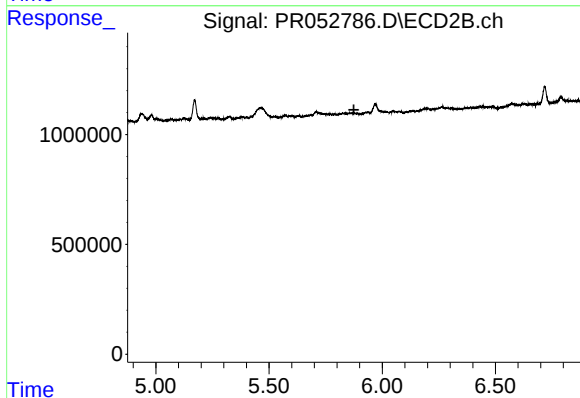
R.T.: 5.709 min
Delta R.T.: -0.020 min
Response: 125019
Conc: 0.82 ng/ml



#27 AR-1254-2

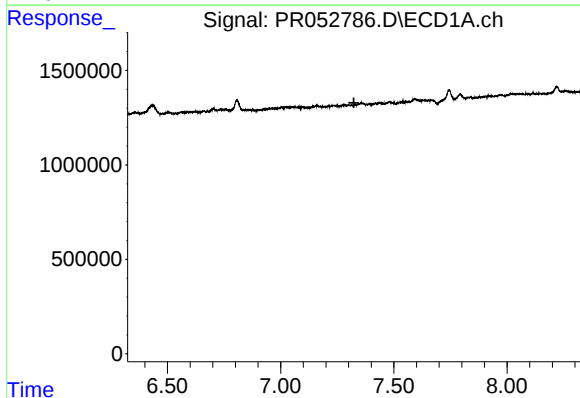
R.T.: 6.952 min
Delta R.T.: 0.004 min
Response: 50284
Conc: 0.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



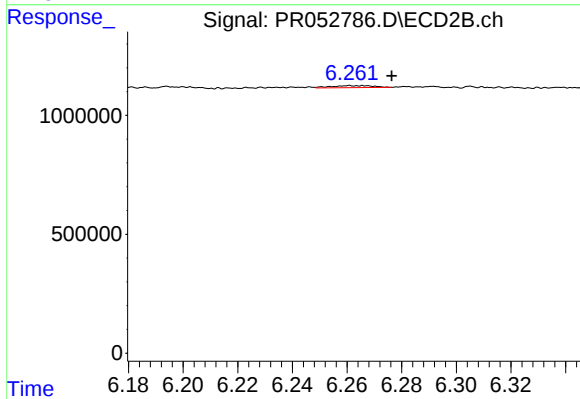
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.875 min
Response: 0
Conc: N.D.



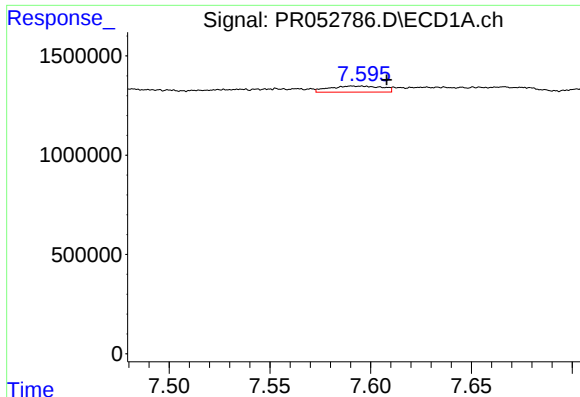
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 7.324 min
Response: 0
Conc: N.D.



#28 AR-1254-3

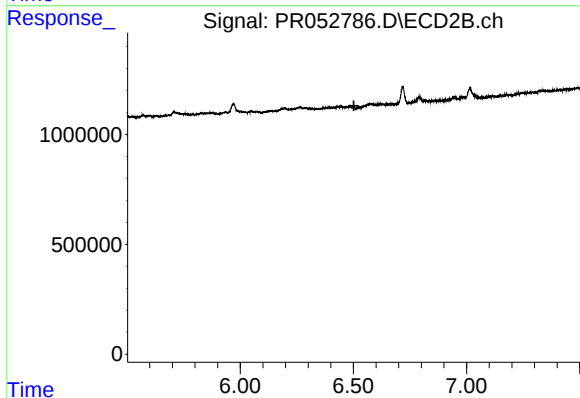
R.T.: 6.261 min
Delta R.T.: -0.015 min
Response: 91447
Conc: 0.41 ng/ml



#29 AR-1254-4

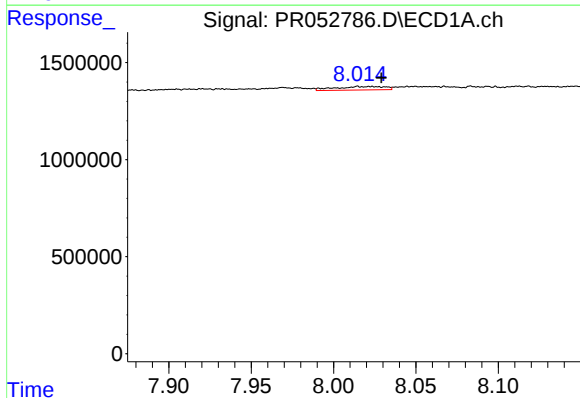
R.T.: 7.596 min
Delta R.T.: -0.012 min
Response: 548509
Conc: 3.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



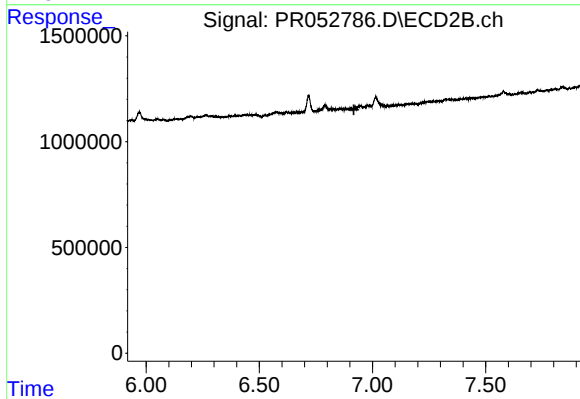
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.502 min
Response: 0
Conc: N.D.



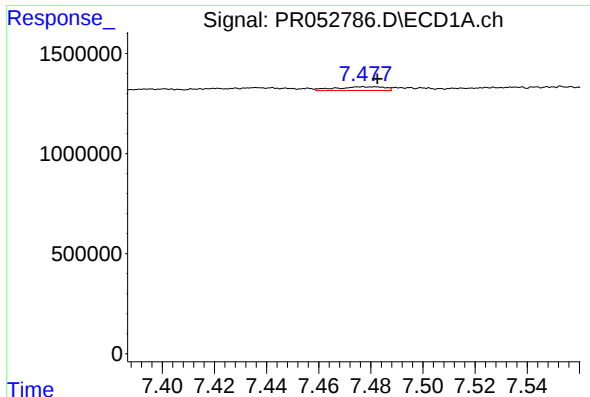
#30 AR-1254-5

R.T.: 8.015 min
Delta R.T.: -0.014 min
Response: 377146
Conc: 2.14 ng/ml



#30 AR-1254-5

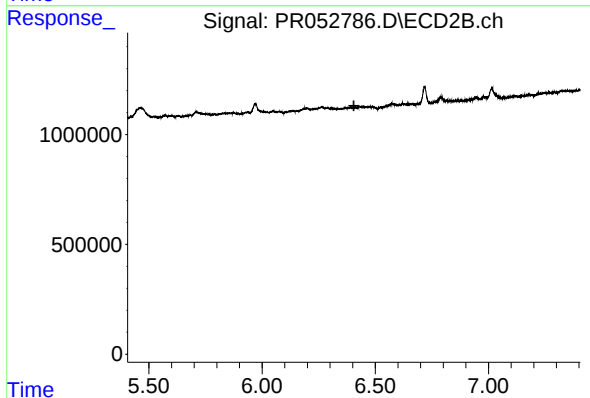
R.T.: 0.000 min
Exp R.T. : 6.918 min
Response: 0
Conc: N.D.



#31 AR-1260-1

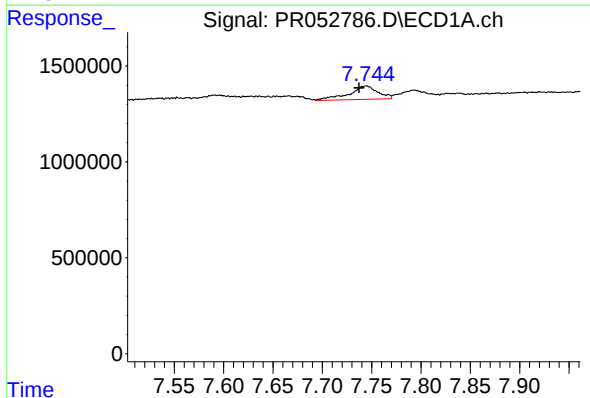
R.T.: 7.477 min
Delta R.T.: -0.005 min
Response: 241559
Conc: 1.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



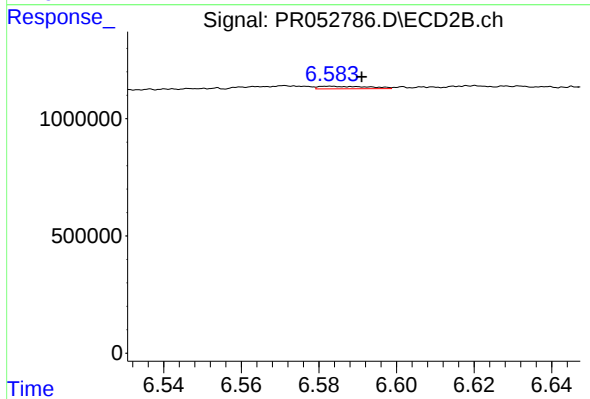
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.406 min
Response: 0
Conc: N.D.



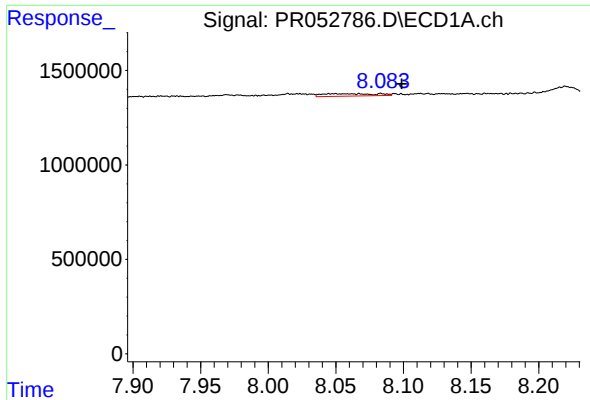
#32 AR-1260-2

R.T.: 7.744 min
Delta R.T.: 0.007 min
Response: 1431563
Conc: 7.67 ng/ml



#32 AR-1260-2

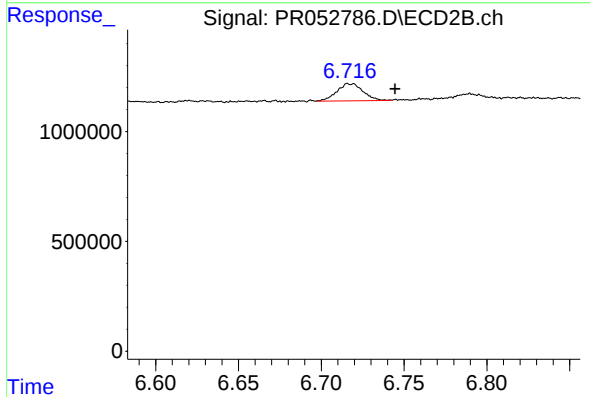
R.T.: 6.583 min
Delta R.T.: -0.008 min
Response: 97686
Conc: 0.56 ng/ml



#33 AR-1260-3

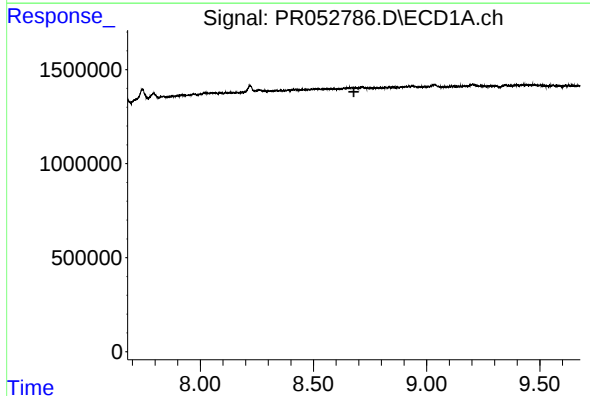
R.T.: 8.084 min
Delta R.T.: -0.015 min
Response: 358273
Conc: 2.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



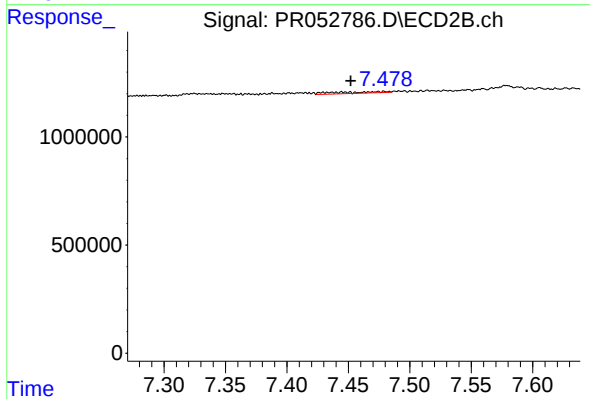
#33 AR-1260-3

R.T.: 6.716 min
Delta R.T.: -0.029 min
Response: 861993
Conc: 5.11 ng/ml



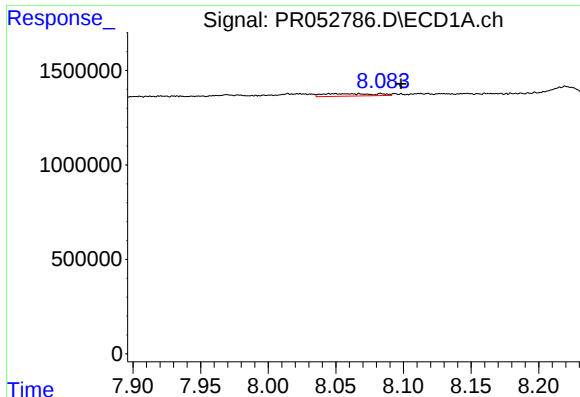
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 8.679 min
Response: 0
Conc: N.D.



#35 AR-1260-5

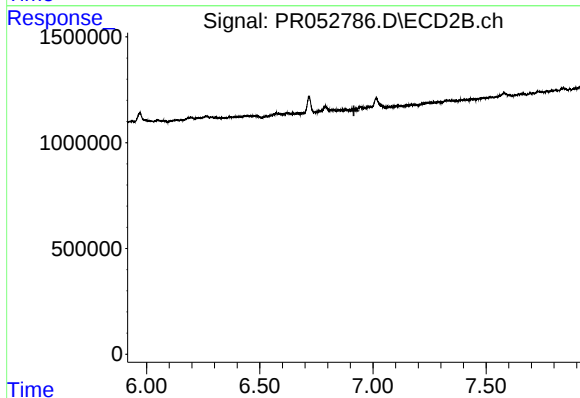
R.T.: 7.474 min
Delta R.T.: 0.023 min
Response: 188517
Conc: 0.51 ng/ml



#36 AR-1262-1

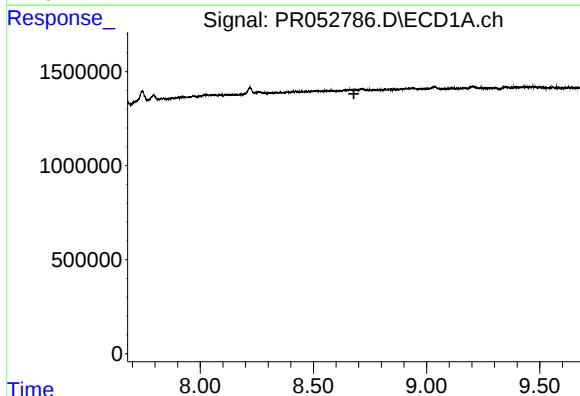
R.T.: 8.084 min
Delta R.T.: -0.015 min
Response: 358273
Conc: 1.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



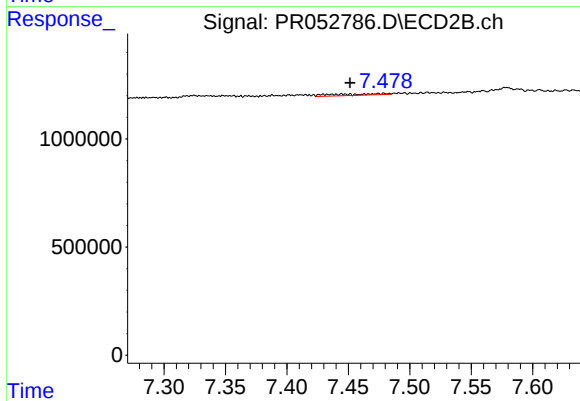
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.916 min
Response: 0
Conc: N.D.



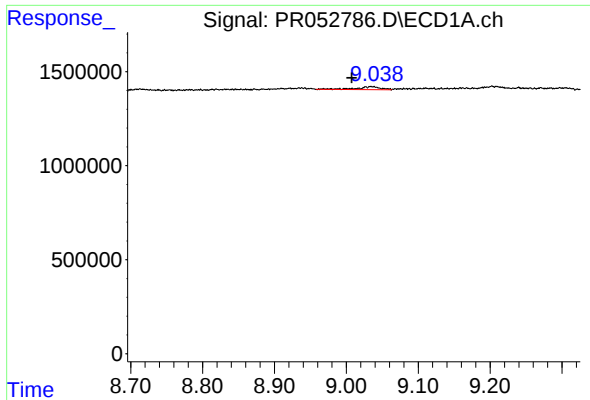
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 8.679 min
Response: 0
Conc: N.D.



#37 AR-1262-2

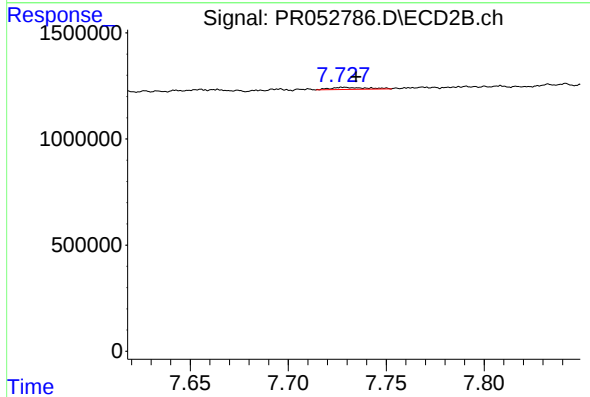
R.T.: 7.474 min
Delta R.T.: 0.023 min
Response: 188517
Conc: 0.48 ng/ml



#38 AR-1262-3

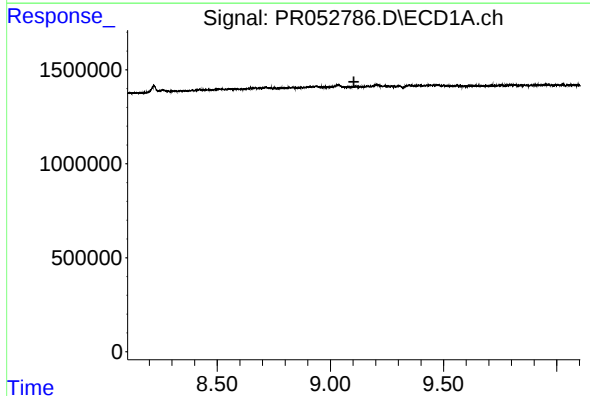
R.T.: 9.034 min
Delta R.T.: 0.026 min
Response: 389560
Conc: 2.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



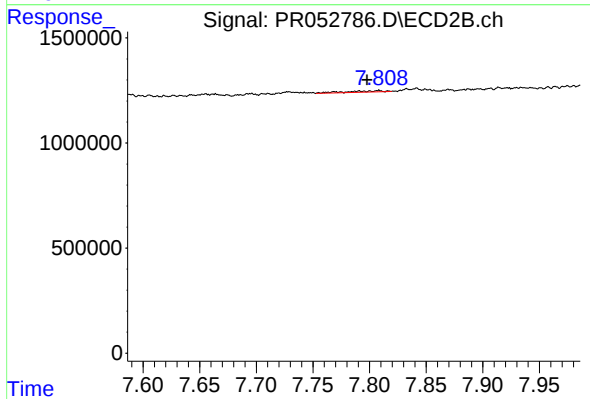
#38 AR-1262-3

R.T.: 7.728 min
Delta R.T.: -0.006 min
Response: 123416
Conc: 0.77 ng/ml



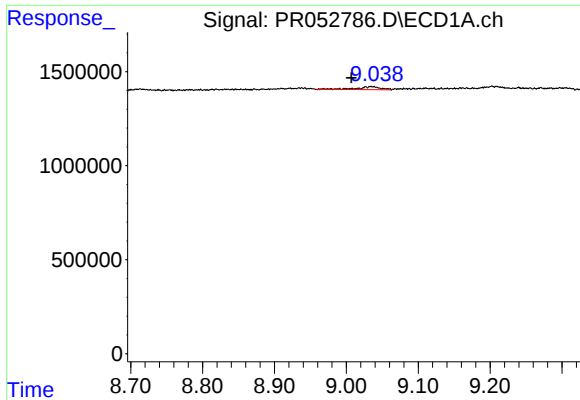
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 9.104 min
Response: 0
Conc: N.D.



#39 AR-1262-4

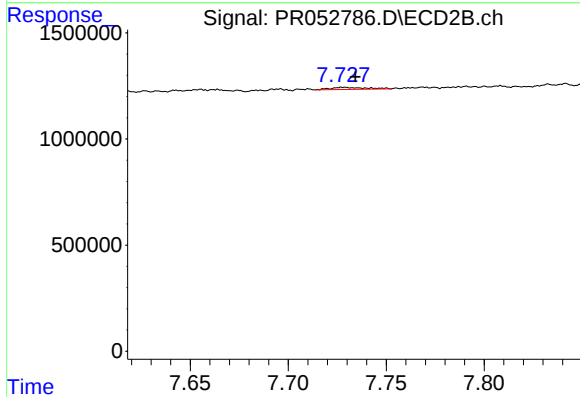
R.T.: 7.808 min
Delta R.T.: 0.010 min
Response: 132520
Conc: 0.44 ng/ml



#41 AR-1268-1

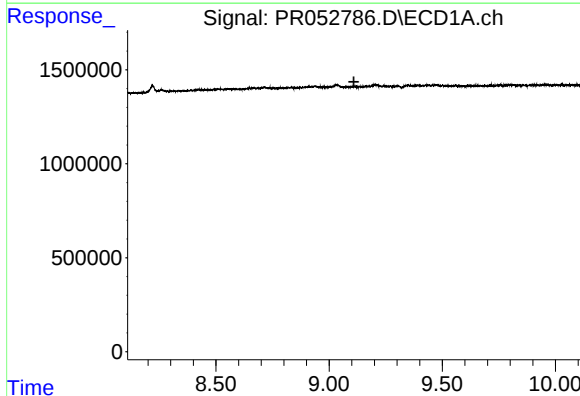
R.T.: 9.034 min
Delta R.T.: 0.027 min
Response: 389560
Conc: 0.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



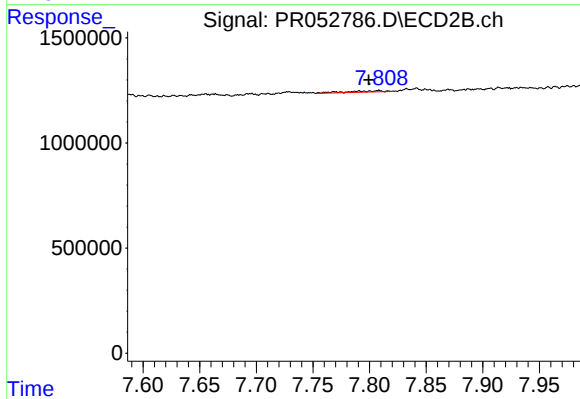
#41 AR-1268-1

R.T.: 7.728 min
Delta R.T.: -0.006 min
Response: 123416
Conc: 0.26 ng/ml



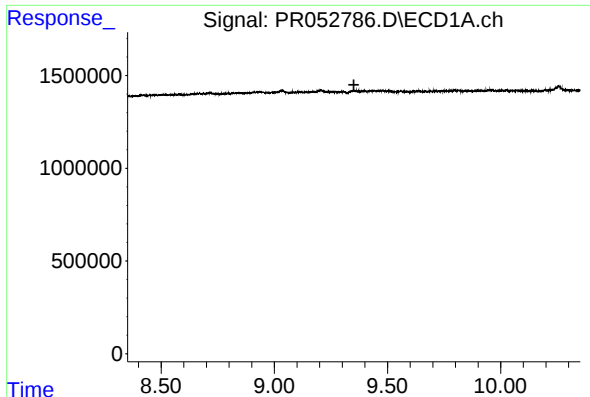
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.109 min
Response: 0
Conc: N.D.



#42 AR-1268-2

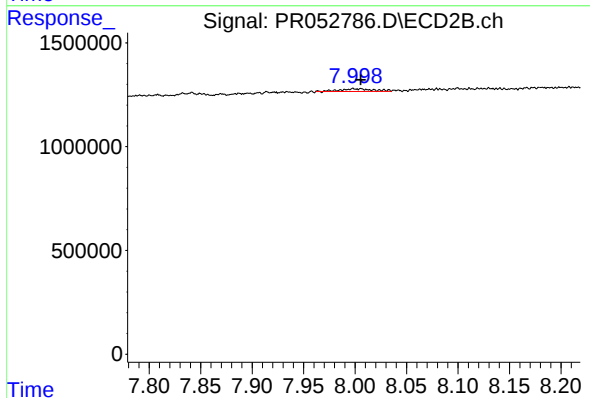
R.T.: 7.808 min
Delta R.T.: 0.009 min
Response: 132520
Conc: 0.30 ng/ml



#43 AR-1268-3

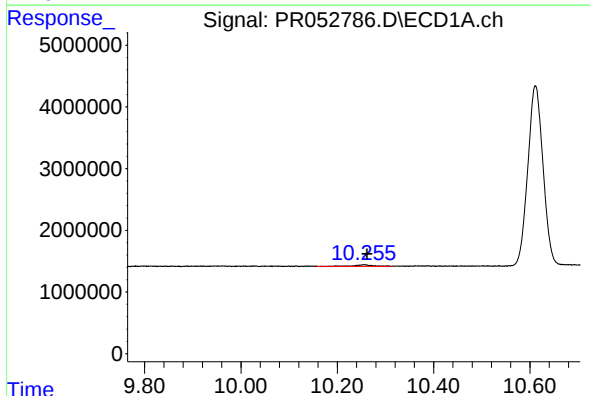
R.T.: 0.000 min
Exp R.T.: 9.351 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



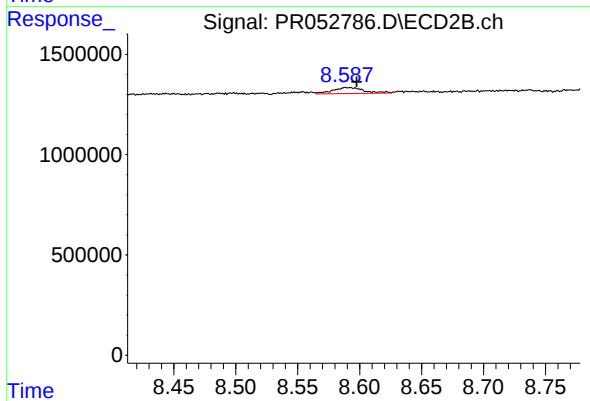
#43 AR-1268-3

R.T.: 7.998 min
Delta R.T.: -0.007 min
Response: 288370
Conc: 0.75 ng/ml



#45 AR-1268-5

R.T.: 10.256 min
Delta R.T.: -0.006 min
Response: 720419
Conc: 0.62 ng/ml



#45 AR-1268-5

R.T.: 8.590 min
Delta R.T.: -0.008 min
Response: 525741
Conc: 0.42 ng/ml