

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR073119\
 Data File : PR039883.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2019 11:36
 Operator : SM\AJ
 Sample : K4061-16RE
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 DUP-1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 01:26:30 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 22 14:03:19 2019
 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...	3.750	4.596	36280534	151.4E6	15.117	15.100
2)	SA Decachlor...	8.685	10.326	26331429	112.8E6	10.598	12.016
Target Compounds							
3)	L1 AR-1016-1	4.816	5.779	1084805	14341911	12.339	39.651 #
4)	L1 AR-1016-2	4.846	5.779	950610	14341911	6.563	27.656 #
5)	L1 AR-1016-3	5.006	5.779	1315551	14341911	18.940	46.796 #
6)	L1 AR-1016-4	5.054	5.909	850361	13475977	15.106	51.692 #
7)	L1 AR-1016-5	5.290	6.230	658047	65739872	8.774	261.663 #
9)	L2 AR-1221-2	4.048	0.000	532394	0	21.881	N.D. #
10)	L2 AR-1221-3	4.163	0.000	3325853	0	42.466	N.D. #
11)	L3 AR-1232-1	4.087	0.000	458989	0	5.873	N.D. #
12)	L3 AR-1232-2	4.846	0.000	950610	0	10.113	N.D. #
13)	L3 AR-1232-3	5.006	5.779	1315551	14341911	31.121	44.761 #
14)	L3 AR-1232-4	5.117	5.909	2217591	13475977	55.717	83.520 #
15)	L3 AR-1232-5	5.290	0.000	658047	0	15.549	N.D. #
16)	L4 AR-1242-1	4.816	5.779	1084805	14341911	11.882	40.299 #
17)	L4 AR-1242-2	4.846	5.779	950610	14341911	6.632	27.667 #
18)	L4 AR-1242-3	5.006	5.779	1315551	14341911	18.614	46.569 #
19)	L4 AR-1242-4	5.117	5.909	2217591	13475977	31.703	51.468 #
20)	L4 AR-1242-5	5.612	6.636	15114872	71968357	152.168	248.124 #
21)	L5 AR-1248-1	4.816	5.779	1084805	14341911	14.991	50.103 #
22)	L5 AR-1248-2	5.054	0.000	850361	0	10.869	N.D. #
23)	L5 AR-1248-3	5.117	6.230	2217591	65739872	20.767	150.826 #
24)	L5 AR-1248-4	5.290	6.636	658047	71968357	4.971	138.555 #
25)	L5 AR-1248-5	5.677	6.636	4474288	71968357	30.870	146.003 #
26)	L6 AR-1254-1	5.612	6.585	15114872	36688282	98.002	100.724
27)	L6 AR-1254-2	5.752	6.821	3431349	30946359	26.207	54.179 #
28)	L6 AR-1254-3	6.145	7.191	3327339	21750243	14.892	34.884 #
29)	L6 AR-1254-4	6.370	7.448	2324918	9243358	15.988	20.410 #
30)	L6 AR-1254-5	6.781	7.872	9221909	15472344	48.430	32.587 #
31)	L7 AR-1260-1	6.273	7.334	4016027	9090829	27.558	20.488 #
32)	L7 AR-1260-2	6.461	7.588	3621820	59454660	19.672	108.462 #
33)	L7 AR-1260-3	6.610	7.891	5122924	9818013	30.923	23.419
34)	L7 AR-1260-4	7.073	8.167	2961752	8721487	21.307	18.076
35)	L7 AR-1260-5	7.312	8.496	3535806	15207948	10.249	14.827 #
36)	L8 AR-1262-1	6.875	7.891	3527706	9818013	24.026	9.457 #
37)	L8 AR-1262-2	7.312	8.496	3535806	15207948	5.231	7.549 #
38)	L8 AR-1262-3	7.591	8.831	1431361	8038034	6.026	6.406
39)	L8 AR-1262-4	7.655	0.000	3668363	0	7.922	N.D. #
40)	L8 AR-1262-5	8.147	0.000	1287292	0	6.620	N.D. #
41)	L9 AR-1268-1	7.591	8.831	1431361	8038034	1.867	3.387 #
42)	L9 AR-1268-2	7.655	0.000	3668363	0	5.225	N.D. #
43)	L9 AR-1268-3	7.856	0.000	1056921	0	1.902	N.D. #

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 Misc :
 ALS Vial : 23 Sample Multiplier: 1

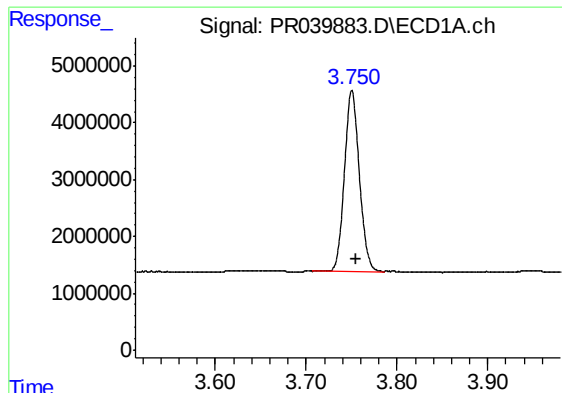
Instrument :
 ECD_R
 ClientSampleId :
 DUP-1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 01:26:30 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072219.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
44) L9	AR-1268-4	8.147	0.000	1287292	0	5.587	N.D.	#
45) L9	AR-1268-5	8.433	0.000	2593488	0	1.522	N.D.	#

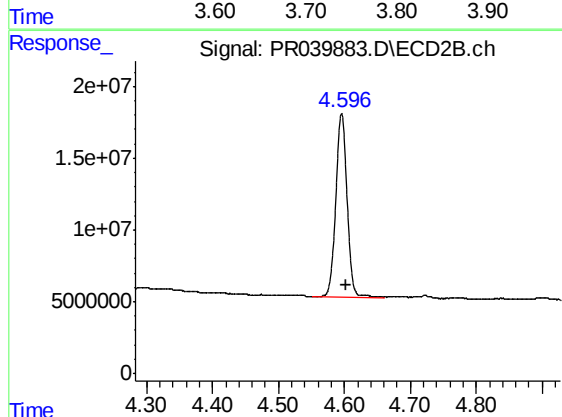
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

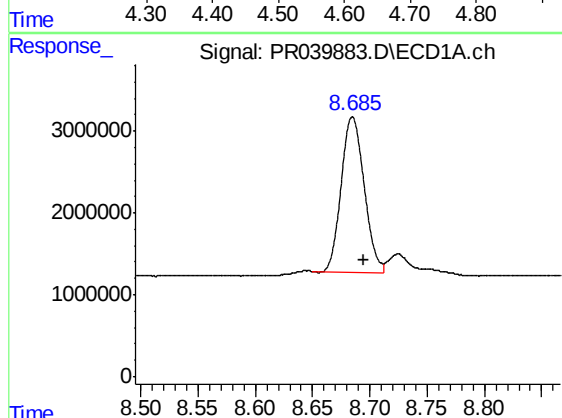
R.T.: 3.750 min
Delta R.T.: -0.005 min
Response: 36280534
Conc: 15.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



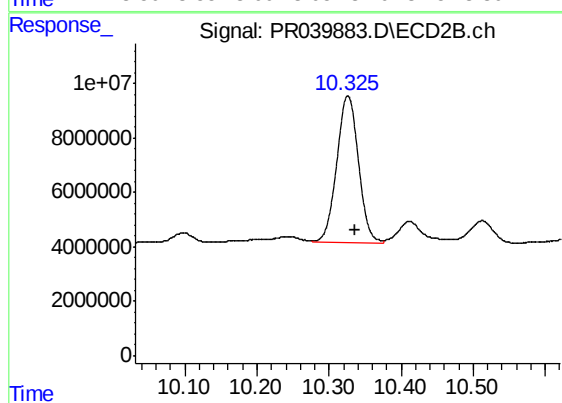
#1 Tetrachloro-m-xylene

R.T.: 4.596 min
Delta R.T.: -0.006 min
Response: 151362378
Conc: 15.10 ng/ml



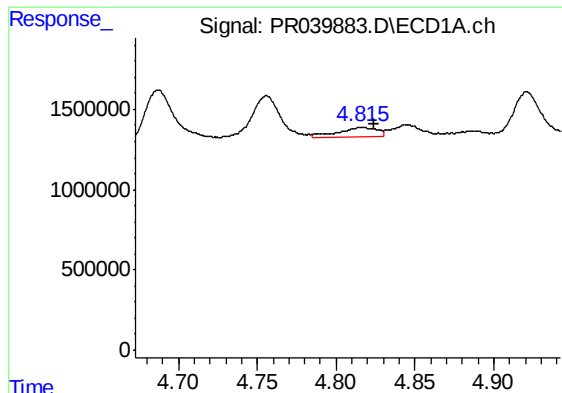
#2 Decachlorobiphenyl

R.T.: 8.685 min
Delta R.T.: -0.010 min
Response: 26331429
Conc: 10.60 ng/ml



#2 Decachlorobiphenyl

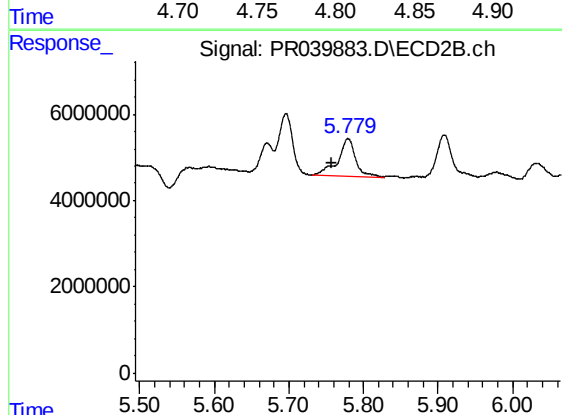
R.T.: 10.326 min
Delta R.T.: -0.010 min
Response: 112801846
Conc: 12.02 ng/ml



#3 AR-1016-1

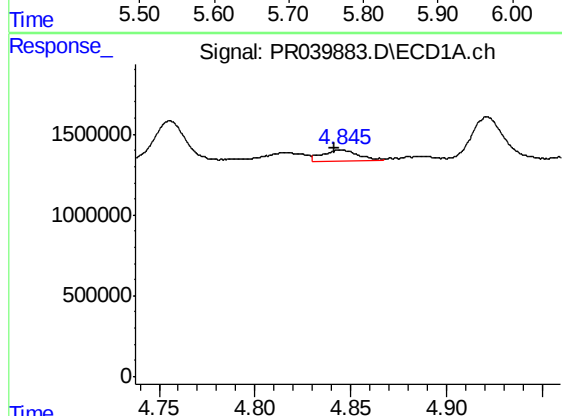
R.T.: 4.816 min
Delta R.T.: -0.008 min
Response: 1084805
Conc: 12.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



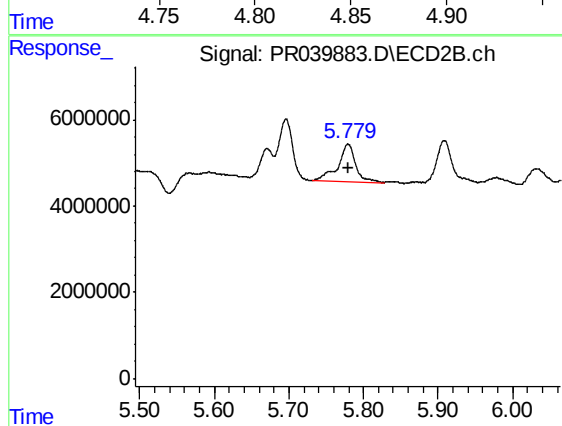
#3 AR-1016-1

R.T.: 5.779 min
Delta R.T.: 0.022 min
Response: 14341911
Conc: 39.65 ng/ml



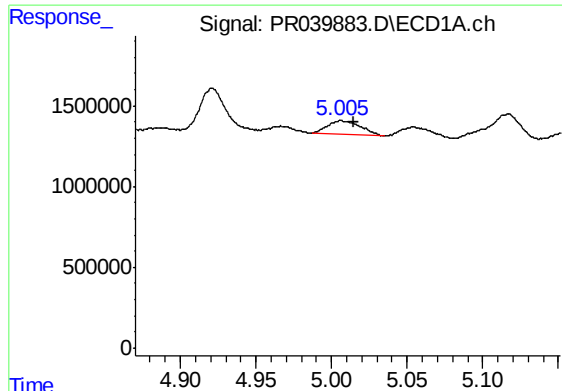
#4 AR-1016-2

R.T.: 4.846 min
Delta R.T.: 0.004 min
Response: 950610
Conc: 6.56 ng/ml



#4 AR-1016-2

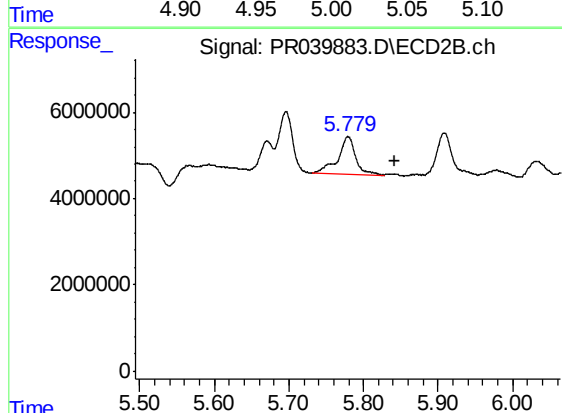
R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 14341911
Conc: 27.66 ng/ml



#5 AR-1016-3

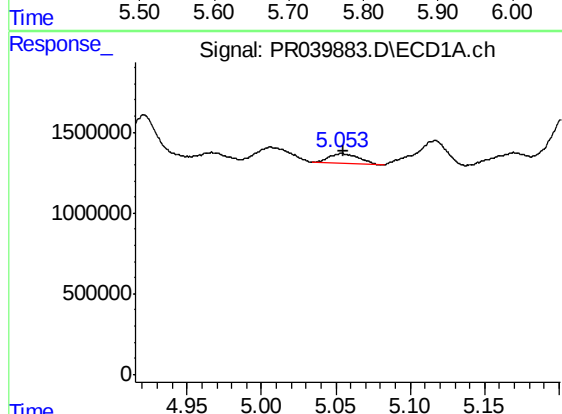
R.T.: 5.006 min
Delta R.T.: -0.009 min
Response: 1315551
Conc: 18.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



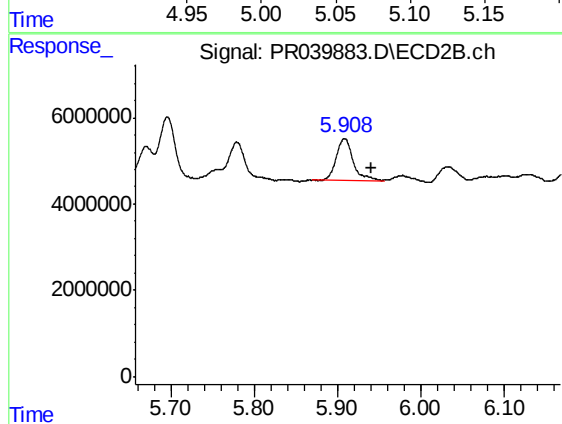
#5 AR-1016-3

R.T.: 5.779 min
Delta R.T.: -0.062 min
Response: 14341911
Conc: 46.80 ng/ml



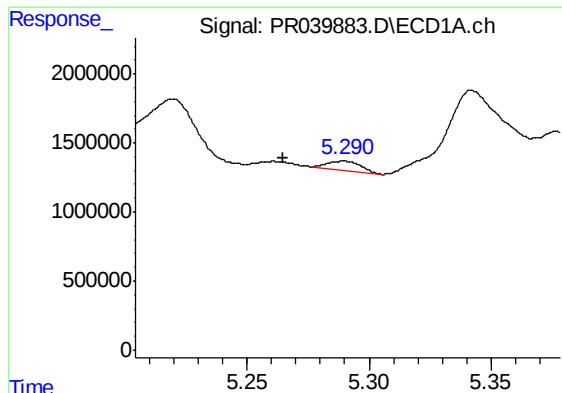
#6 AR-1016-4

R.T.: 5.054 min
Delta R.T.: -0.001 min
Response: 850361
Conc: 15.11 ng/ml



#6 AR-1016-4

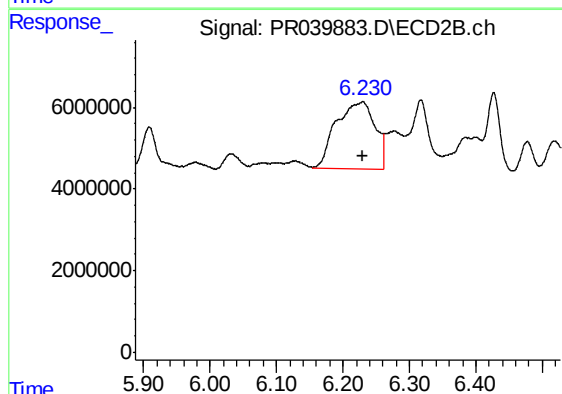
R.T.: 5.909 min
Delta R.T.: -0.032 min
Response: 13475977
Conc: 51.69 ng/ml



#7 AR-1016-5

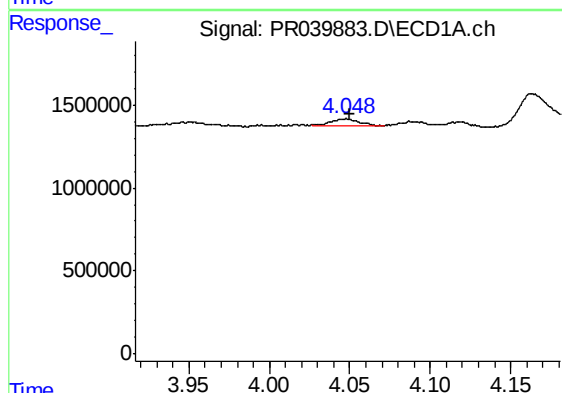
R.T.: 5.290 min
Delta R.T.: 0.025 min
Response: 658047
Conc: 8.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



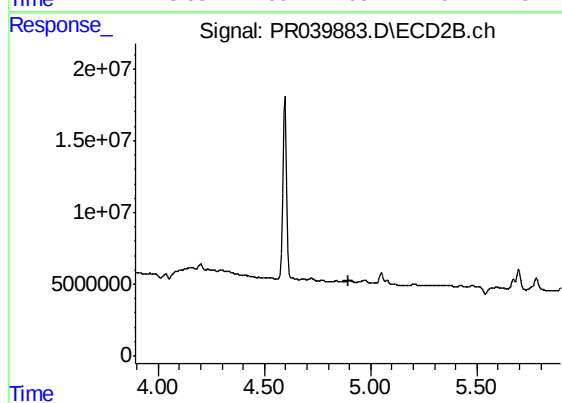
#7 AR-1016-5

R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 65739872
Conc: 261.66 ng/ml



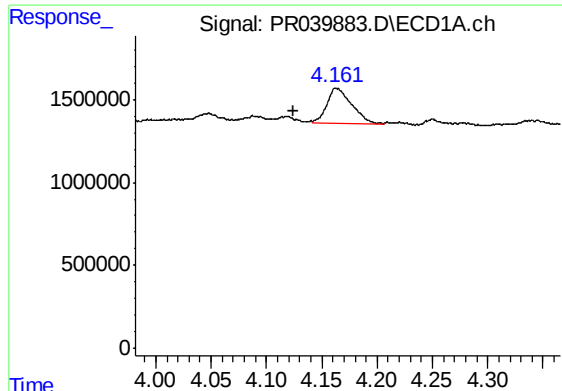
#9 AR-1221-2

R.T.: 4.048 min
Delta R.T.: -0.002 min
Response: 532394
Conc: 21.88 ng/ml



#9 AR-1221-2

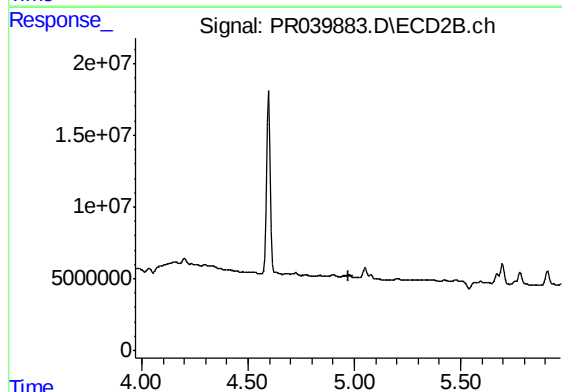
R.T.: 0.000 min
Exp R.T. : 4.893 min
Response: 0
Conc: N.D.



#10 AR-1221-3

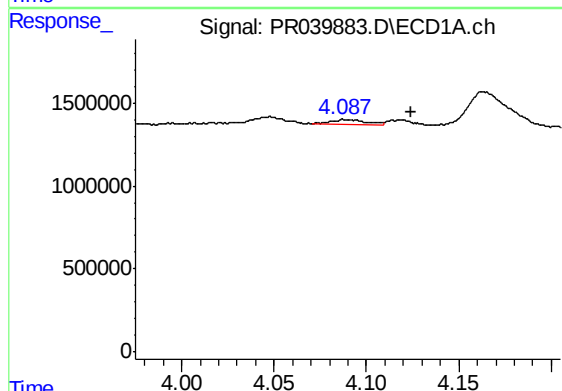
R.T.: 4.163 min
Delta R.T.: 0.038 min
Response: 3325853
Conc: 42.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



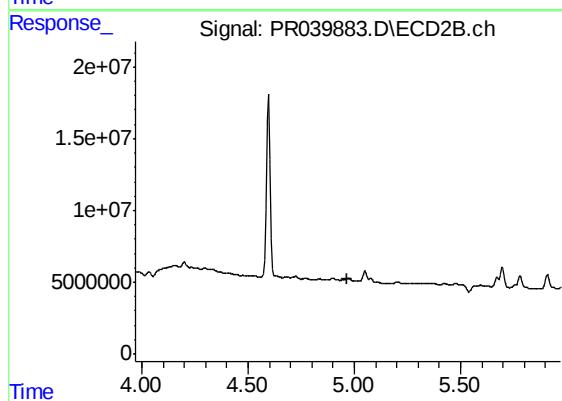
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.970 min
Response: 0
Conc: N.D.



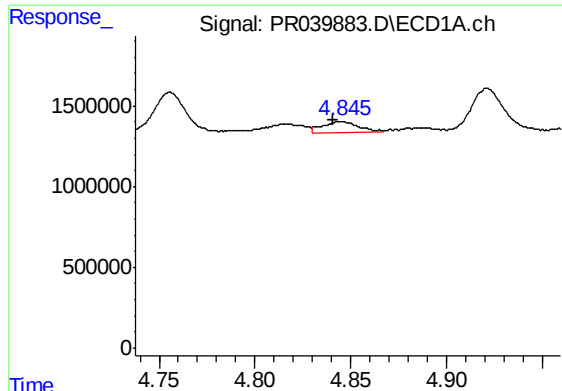
#11 AR-1232-1

R.T.: 4.087 min
Delta R.T.: -0.037 min
Response: 458989
Conc: 5.87 ng/ml



#11 AR-1232-1

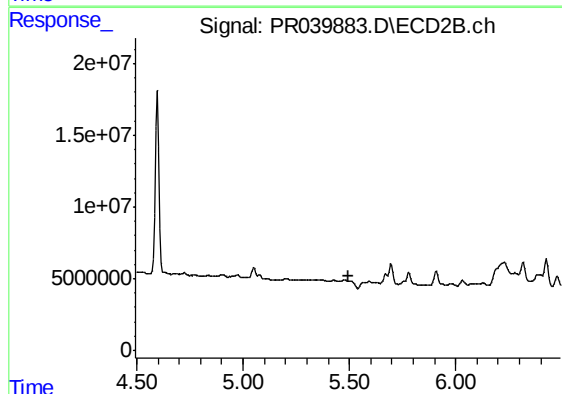
R.T.: 0.000 min
Exp R.T. : 4.970 min
Response: 0
Conc: N.D.



#12 AR-1232-2

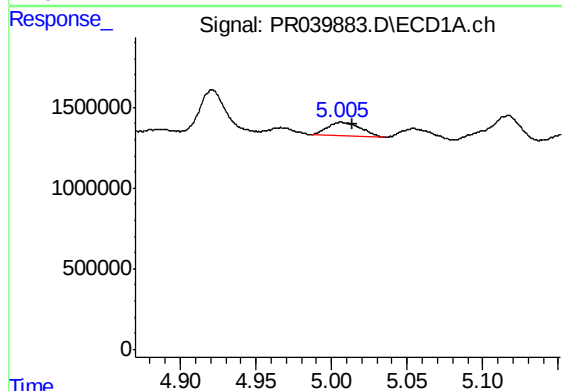
R.T.: 4.846 min
Delta R.T.: 0.005 min
Response: 950610
Conc: 10.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



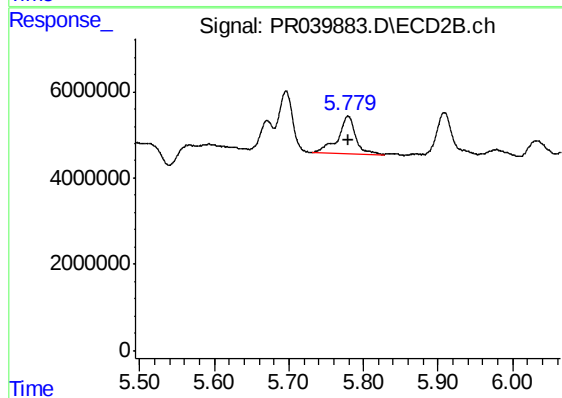
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.494 min
Response: 0
Conc: N.D.



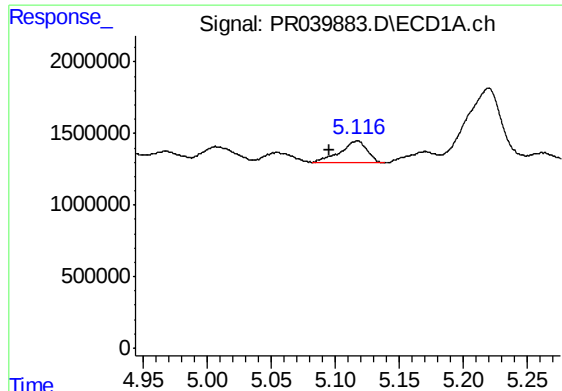
#13 AR-1232-3

R.T.: 5.006 min
Delta R.T.: -0.008 min
Response: 1315551
Conc: 31.12 ng/ml



#13 AR-1232-3

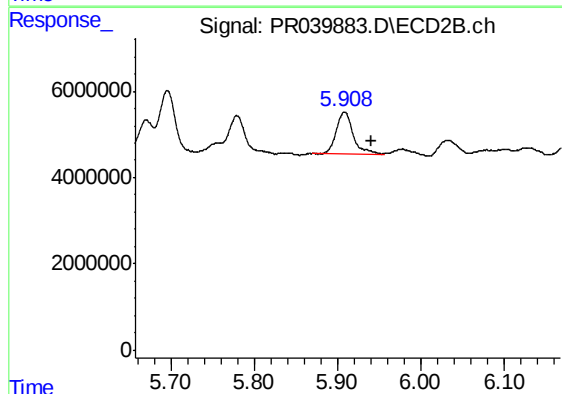
R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 14341911
Conc: 44.76 ng/ml



#14 AR-1232-4

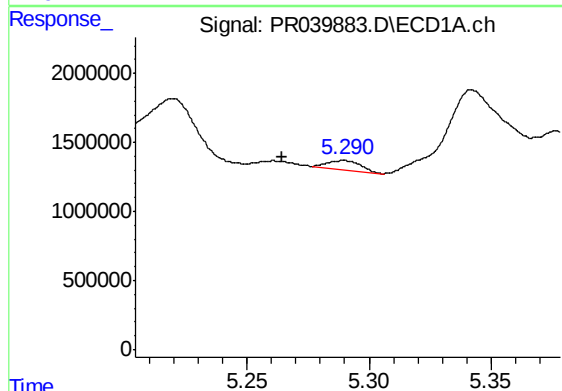
R.T.: 5.117 min
Delta R.T.: 0.022 min
Response: 2217591
Conc: 55.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



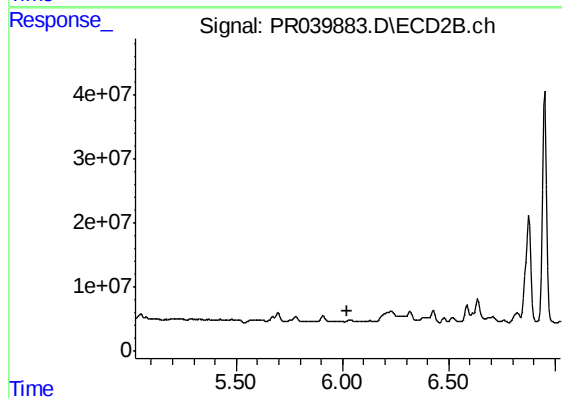
#14 AR-1232-4

R.T.: 5.909 min
Delta R.T.: -0.032 min
Response: 13475977
Conc: 83.52 ng/ml



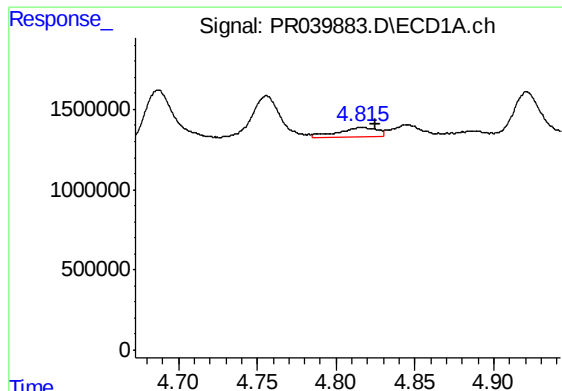
#15 AR-1232-5

R.T.: 5.290 min
Delta R.T.: 0.025 min
Response: 658047
Conc: 15.55 ng/ml



#15 AR-1232-5

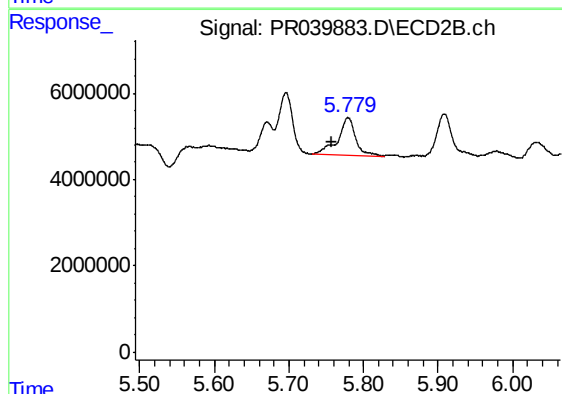
R.T.: 0.000 min
Exp R.T. : 6.026 min
Response: 0
Conc: N.D.



#16 AR-1242-1

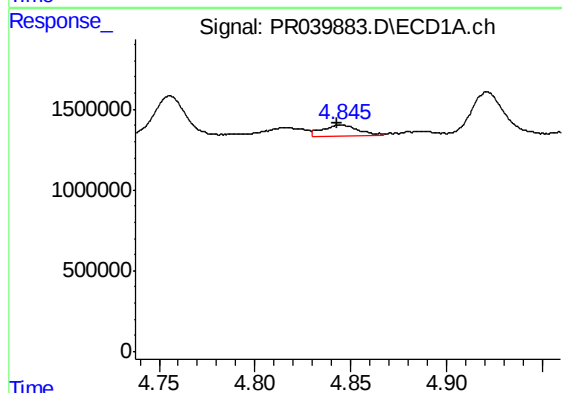
R.T.: 4.816 min
Delta R.T.: -0.009 min
Response: 1084805
Conc: 11.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



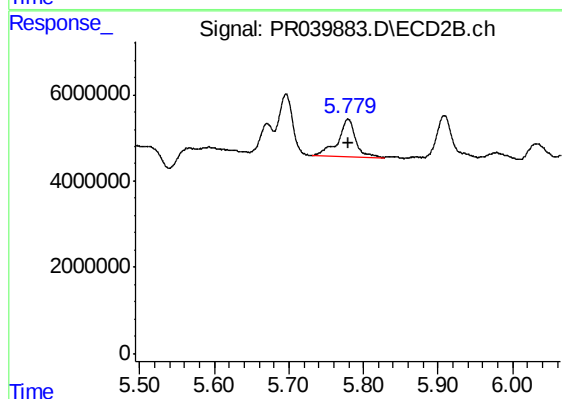
#16 AR-1242-1

R.T.: 5.779 min
Delta R.T.: 0.022 min
Response: 14341911
Conc: 40.30 ng/ml



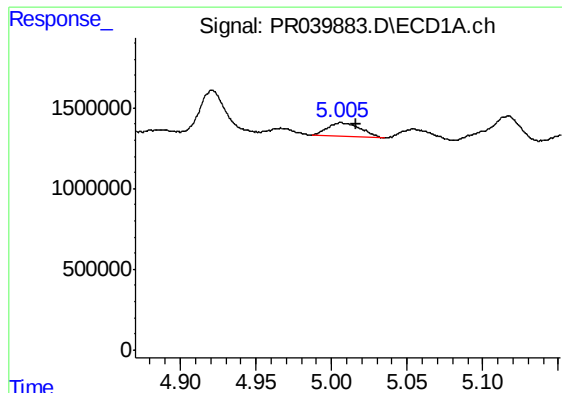
#17 AR-1242-2

R.T.: 4.846 min
Delta R.T.: 0.003 min
Response: 950610
Conc: 6.63 ng/ml



#17 AR-1242-2

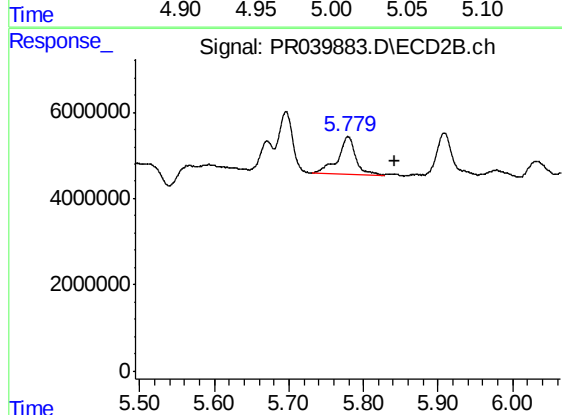
R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 14341911
Conc: 27.67 ng/ml



#18 AR-1242-3

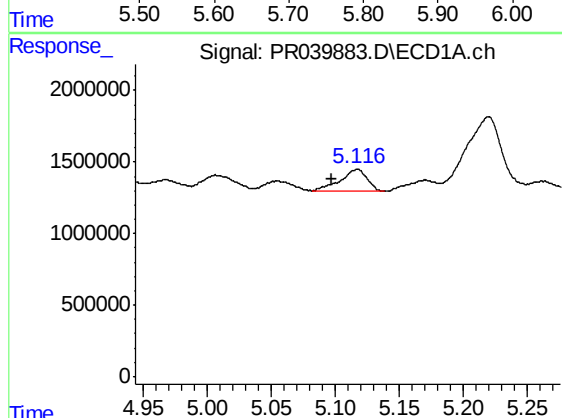
R.T.: 5.006 min
Delta R.T.: -0.010 min
Response: 1315551
Conc: 18.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



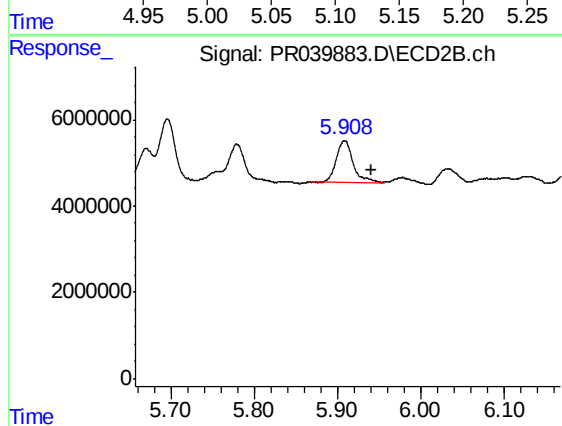
#18 AR-1242-3

R.T.: 5.779 min
Delta R.T.: -0.063 min
Response: 14341911
Conc: 46.57 ng/ml



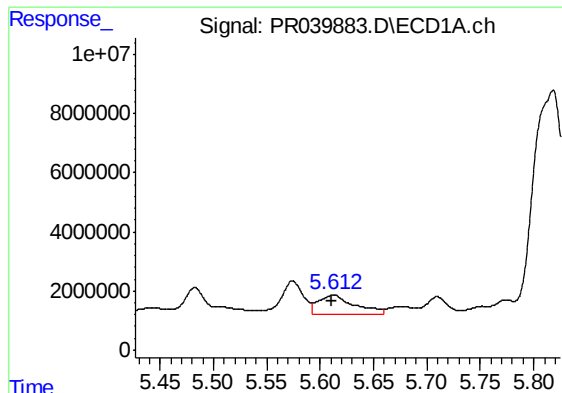
#19 AR-1242-4

R.T.: 5.117 min
Delta R.T.: 0.020 min
Response: 2217591
Conc: 31.70 ng/ml



#19 AR-1242-4

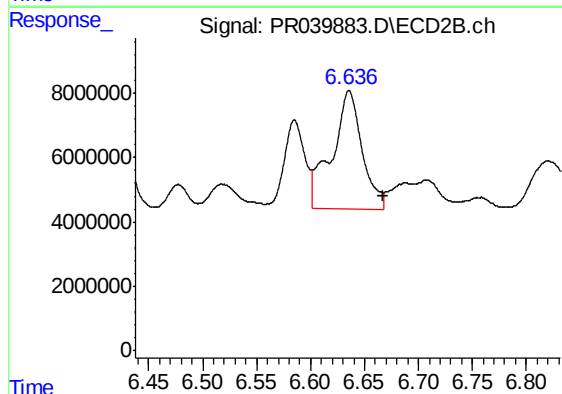
R.T.: 5.909 min
Delta R.T.: -0.032 min
Response: 13475977
Conc: 51.47 ng/ml



#20 AR-1242-5

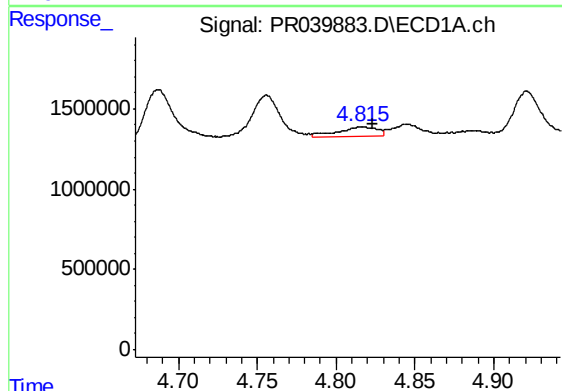
R.T.: 5.612 min
Delta R.T.: 0.001 min
Response: 15114872
Conc: 152.17 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



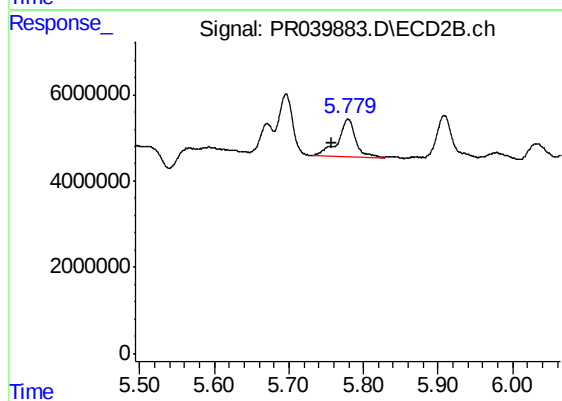
#20 AR-1242-5

R.T.: 6.636 min
Delta R.T.: -0.031 min
Response: 71968357
Conc: 248.12 ng/ml



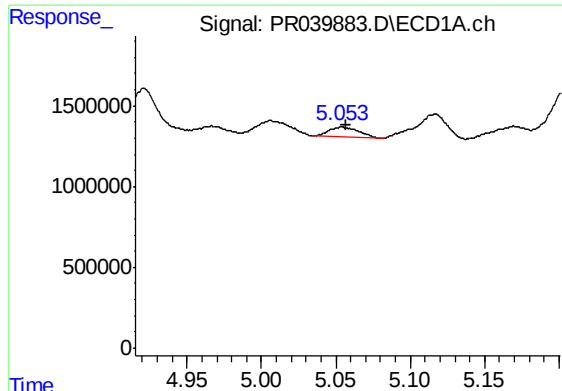
#21 AR-1248-1

R.T.: 4.816 min
Delta R.T.: -0.008 min
Response: 1084805
Conc: 14.99 ng/ml



#21 AR-1248-1

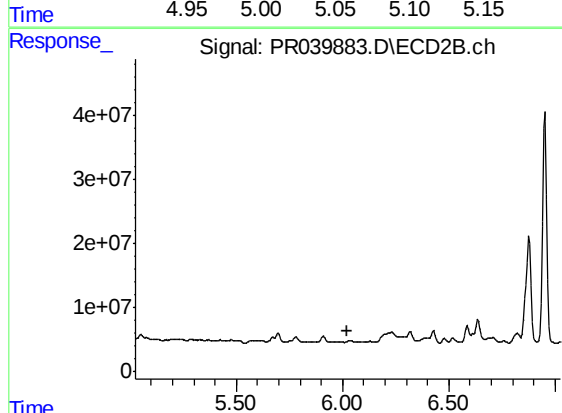
R.T.: 5.779 min
Delta R.T.: 0.022 min
Response: 14341911
Conc: 50.10 ng/ml



#22 AR-1248-2

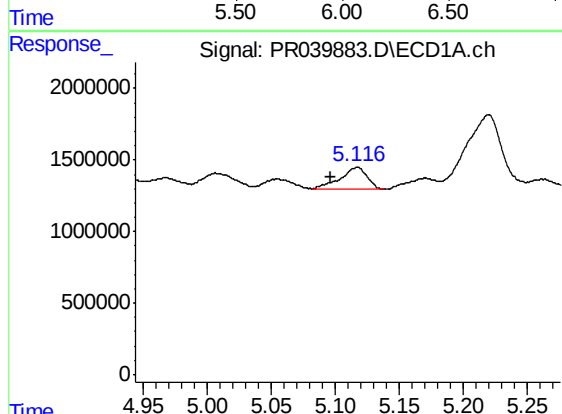
R.T.: 5.054 min
Delta R.T.: -0.002 min
Response: 850361
Conc: 10.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



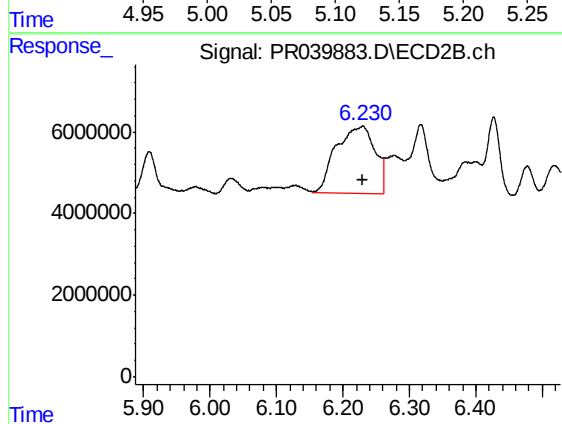
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.025 min
Response: 0
Conc: N.D.



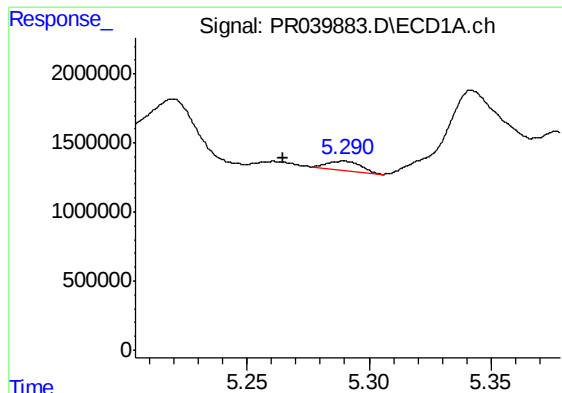
#23 AR-1248-3

R.T.: 5.117 min
Delta R.T.: 0.021 min
Response: 2217591
Conc: 20.77 ng/ml



#23 AR-1248-3

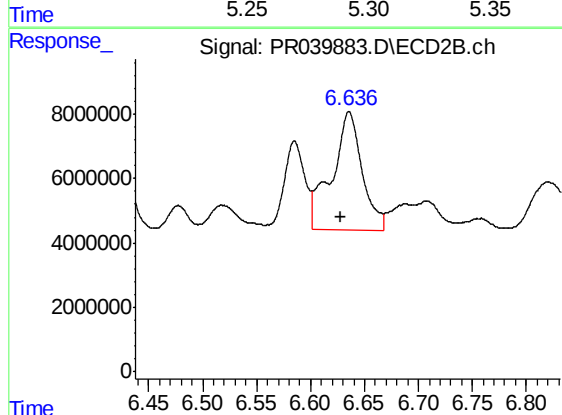
R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 65739872
Conc: 150.83 ng/ml



#24 AR-1248-4

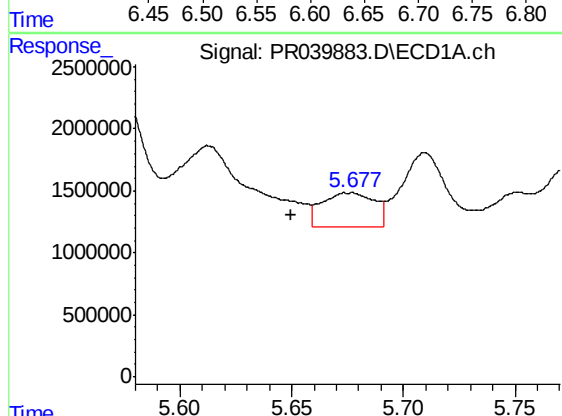
R.T.: 5.290 min
Delta R.T.: 0.025 min
Response: 658047
Conc: 4.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



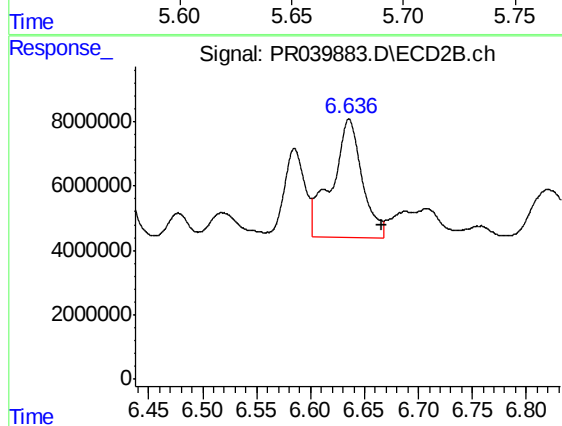
#24 AR-1248-4

R.T.: 6.636 min
Delta R.T.: 0.008 min
Response: 71968357
Conc: 138.56 ng/ml



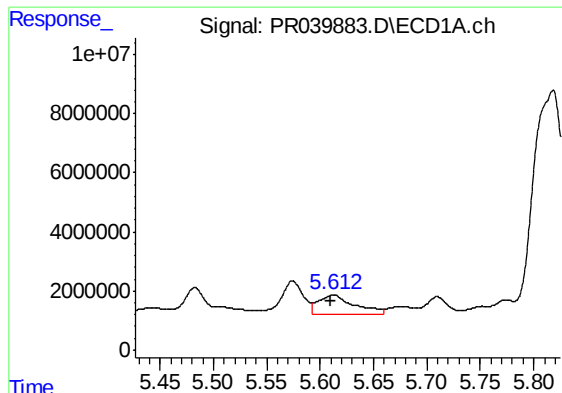
#25 AR-1248-5

R.T.: 5.677 min
Delta R.T.: 0.027 min
Response: 4474288
Conc: 30.87 ng/ml



#25 AR-1248-5

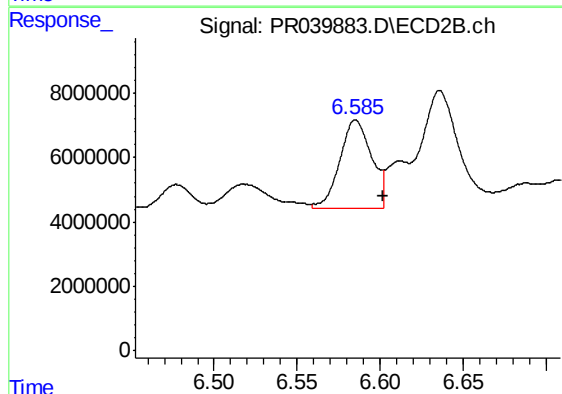
R.T.: 6.636 min
Delta R.T.: -0.031 min
Response: 71968357
Conc: 146.00 ng/ml



#26 AR-1254-1

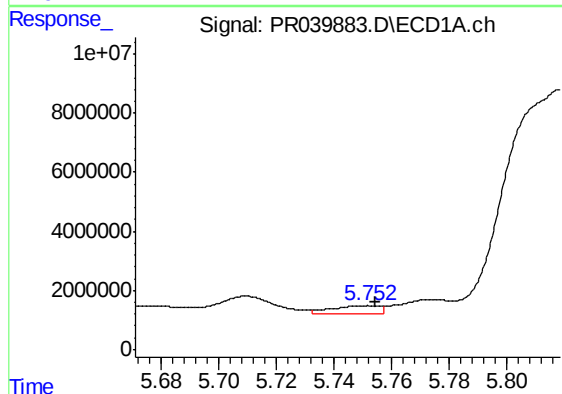
R.T.: 5.612 min
Delta R.T.: 0.003 min
Response: 15114872
Conc: 98.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



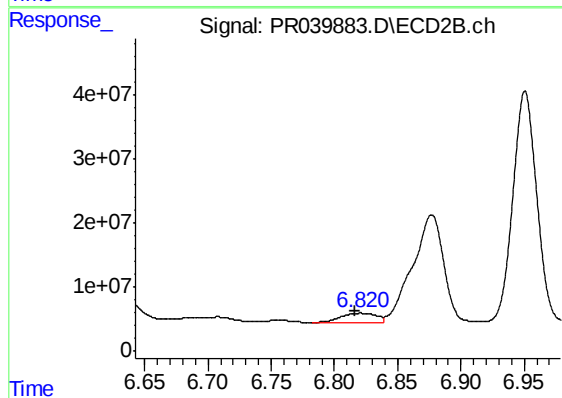
#26 AR-1254-1

R.T.: 6.585 min
Delta R.T.: -0.016 min
Response: 36688282
Conc: 100.72 ng/ml



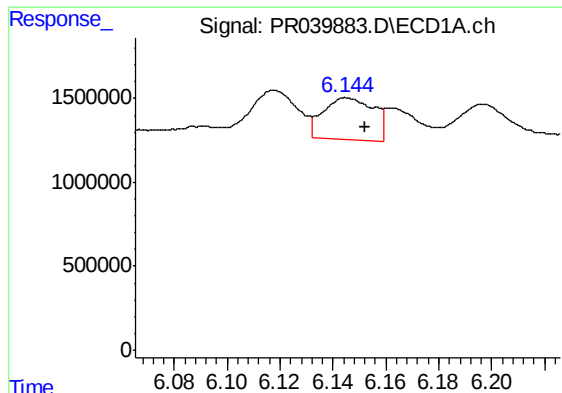
#27 AR-1254-2

R.T.: 5.752 min
Delta R.T.: -0.002 min
Response: 3431349
Conc: 26.21 ng/ml



#27 AR-1254-2

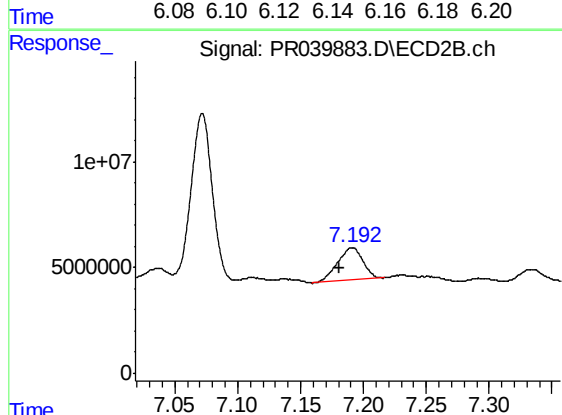
R.T.: 6.821 min
Delta R.T.: 0.004 min
Response: 30946359
Conc: 54.18 ng/ml



#28 AR-1254-3

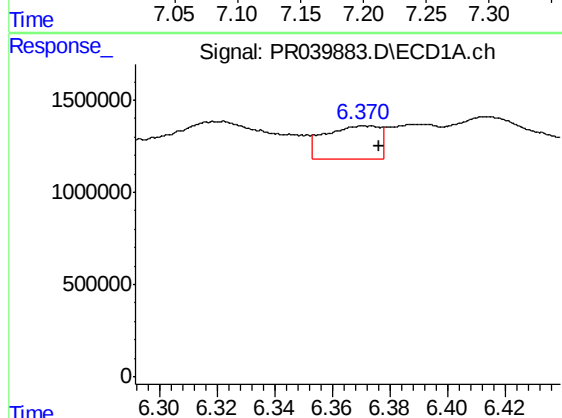
R.T.: 6.145 min
Delta R.T.: -0.007 min
Response: 3327339
Conc: 14.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



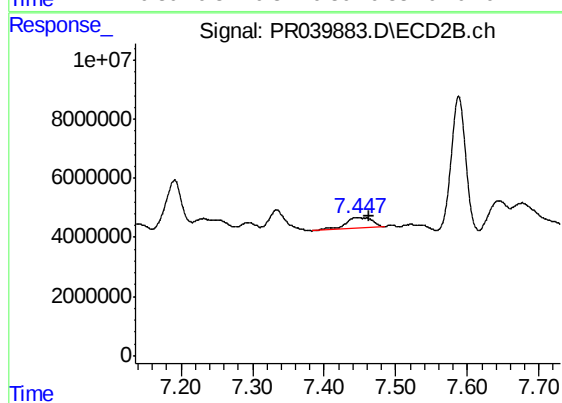
#28 AR-1254-3

R.T.: 7.191 min
Delta R.T.: 0.010 min
Response: 21750243
Conc: 34.88 ng/ml



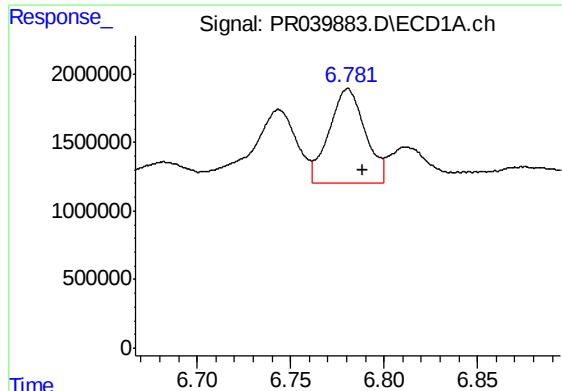
#29 AR-1254-4

R.T.: 6.370 min
Delta R.T.: -0.006 min
Response: 2324918
Conc: 15.99 ng/ml



#29 AR-1254-4

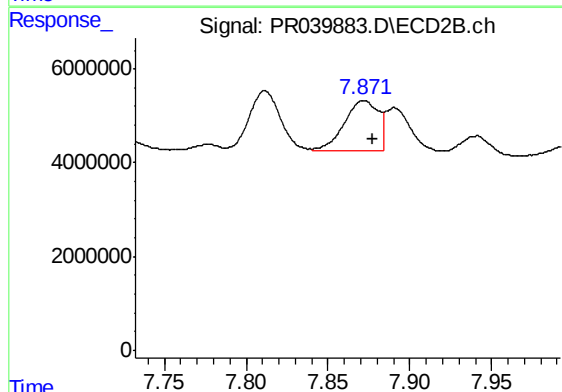
R.T.: 7.448 min
Delta R.T.: -0.015 min
Response: 9243358
Conc: 20.41 ng/ml



#30 AR-1254-5

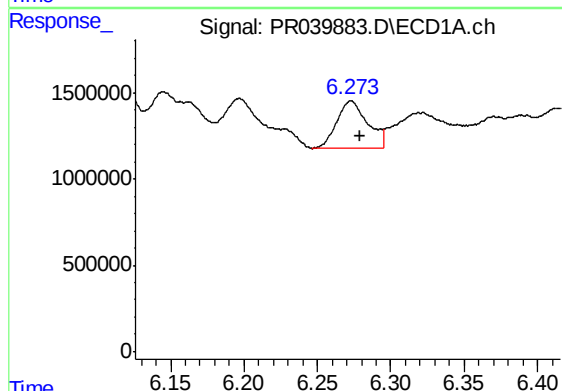
R.T.: 6.781 min
Delta R.T.: -0.008 min
Response: 9221909
Conc: 48.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



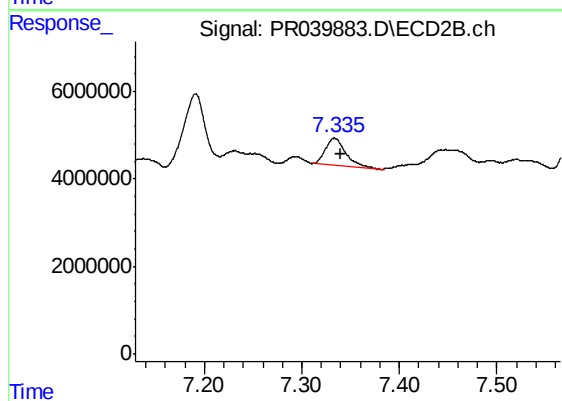
#30 AR-1254-5

R.T.: 7.872 min
Delta R.T.: -0.006 min
Response: 15472344
Conc: 32.59 ng/ml



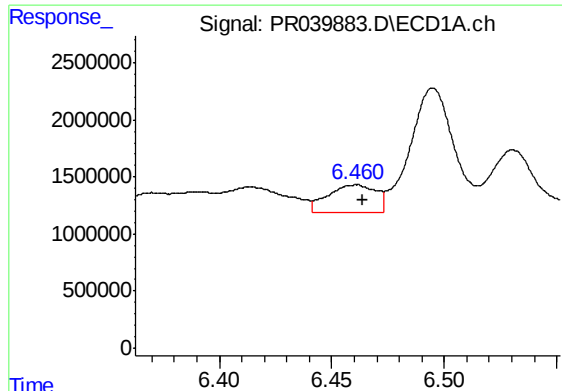
#31 AR-1260-1

R.T.: 6.273 min
Delta R.T.: -0.006 min
Response: 4016027
Conc: 27.56 ng/ml



#31 AR-1260-1

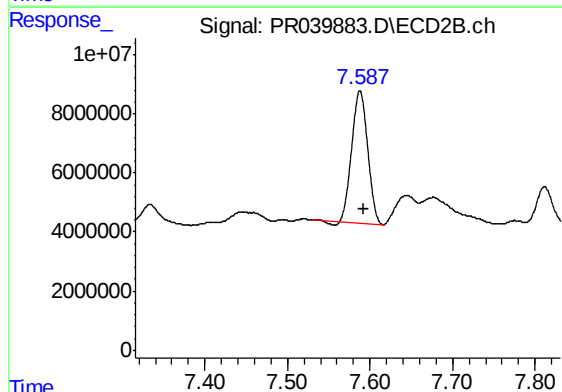
R.T.: 7.334 min
Delta R.T.: -0.007 min
Response: 9090829
Conc: 20.49 ng/ml



#32 AR-1260-2

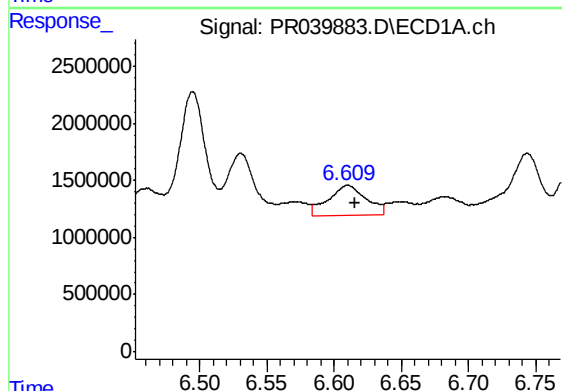
R.T.: 6.461 min
Delta R.T.: -0.003 min
Response: 3621820
Conc: 19.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



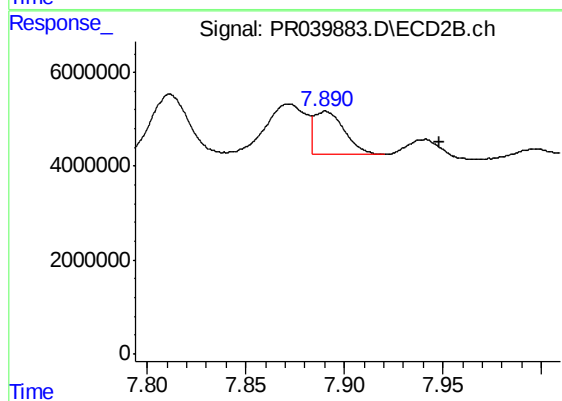
#32 AR-1260-2

R.T.: 7.588 min
Delta R.T.: -0.005 min
Response: 59454660
Conc: 108.46 ng/ml



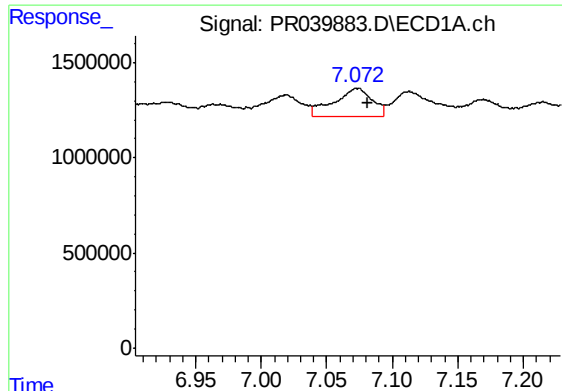
#33 AR-1260-3

R.T.: 6.610 min
Delta R.T.: -0.006 min
Response: 5122924
Conc: 30.92 ng/ml



#33 AR-1260-3

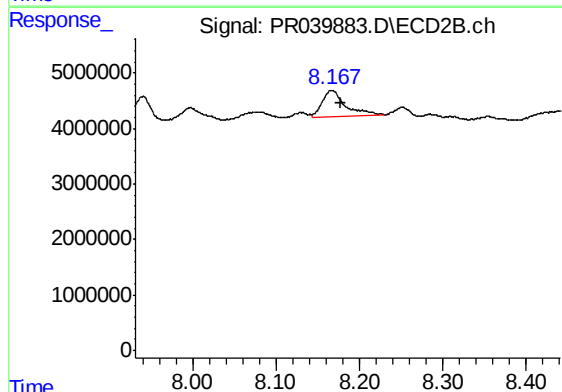
R.T.: 7.891 min
Delta R.T.: -0.058 min
Response: 9818013
Conc: 23.42 ng/ml



#34 AR-1260-4

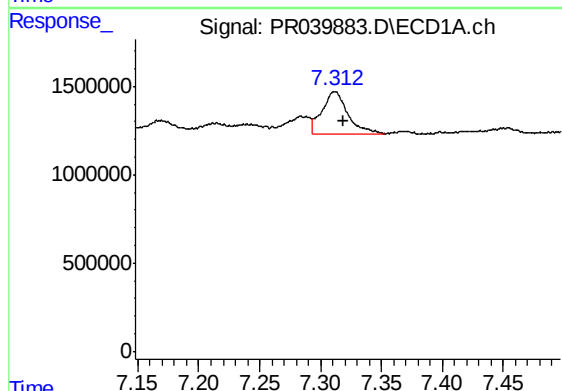
R.T.: 7.073 min
Delta R.T.: -0.008 min
Response: 2961752
Conc: 21.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



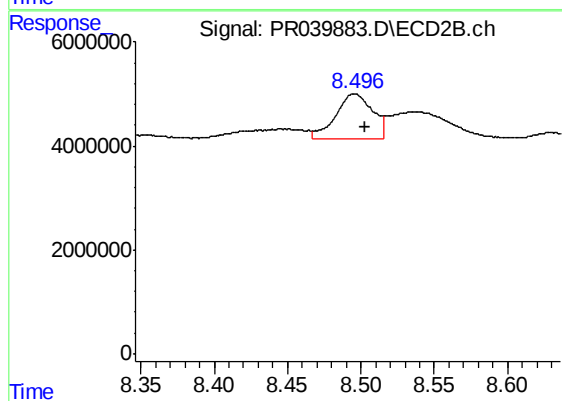
#34 AR-1260-4

R.T.: 8.167 min
Delta R.T.: -0.011 min
Response: 8721487
Conc: 18.08 ng/ml



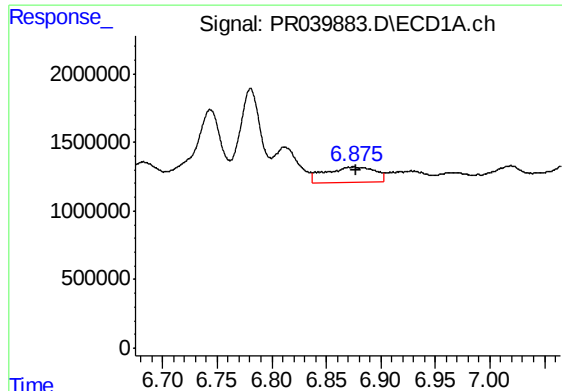
#35 AR-1260-5

R.T.: 7.312 min
Delta R.T.: -0.007 min
Response: 3535806
Conc: 10.25 ng/ml



#35 AR-1260-5

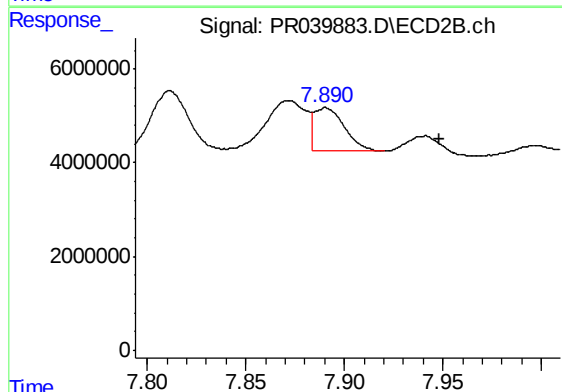
R.T.: 8.496 min
Delta R.T.: -0.007 min
Response: 15207948
Conc: 14.83 ng/ml



#36 AR-1262-1

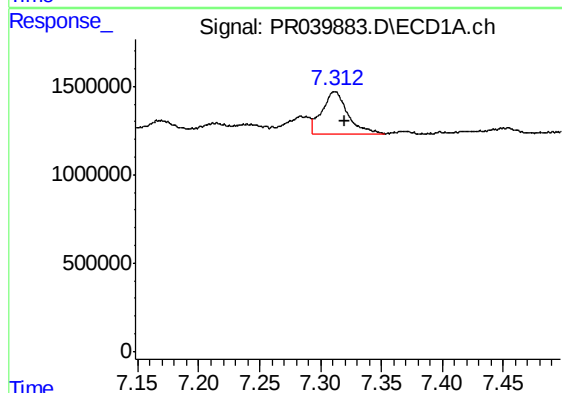
R.T.: 6.875 min
Delta R.T.: -0.003 min
Response: 3527706
Conc: 24.03 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



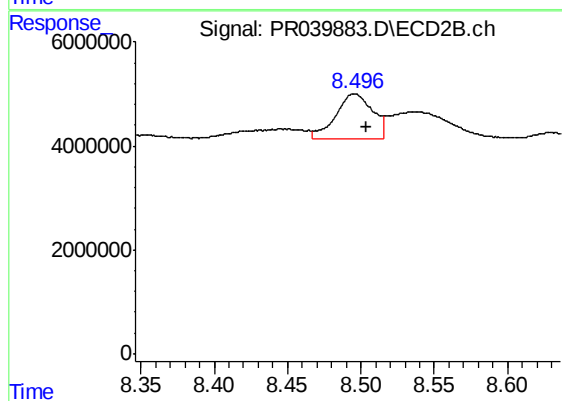
#36 AR-1262-1

R.T.: 7.891 min
Delta R.T.: -0.058 min
Response: 9818013
Conc: 9.46 ng/ml



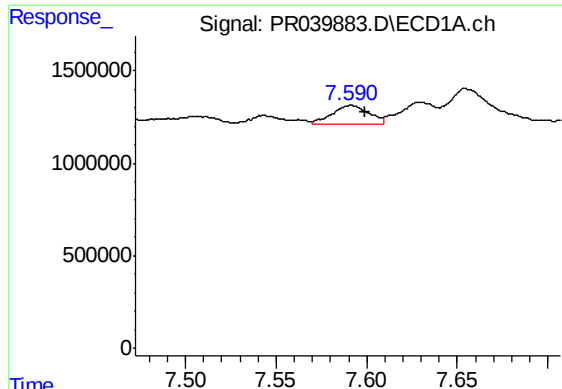
#37 AR-1262-2

R.T.: 7.312 min
Delta R.T.: -0.008 min
Response: 3535806
Conc: 5.23 ng/ml



#37 AR-1262-2

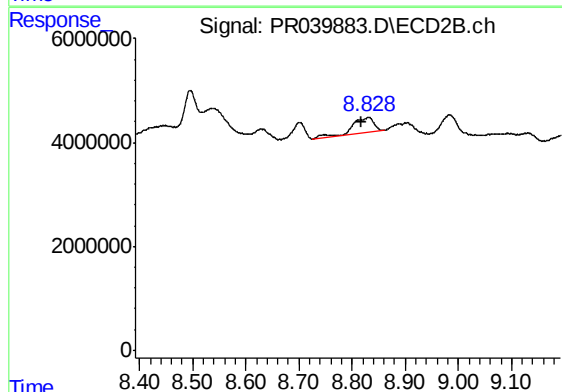
R.T.: 8.496 min
Delta R.T.: -0.008 min
Response: 15207948
Conc: 7.55 ng/ml



#38 AR-1262-3

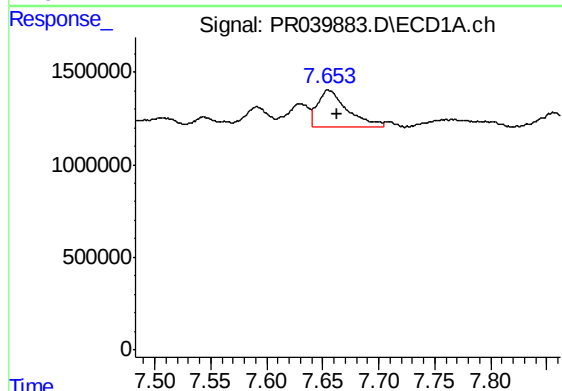
R.T.: 7.591 min
Delta R.T.: -0.008 min
Response: 1431361
Conc: 6.03 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



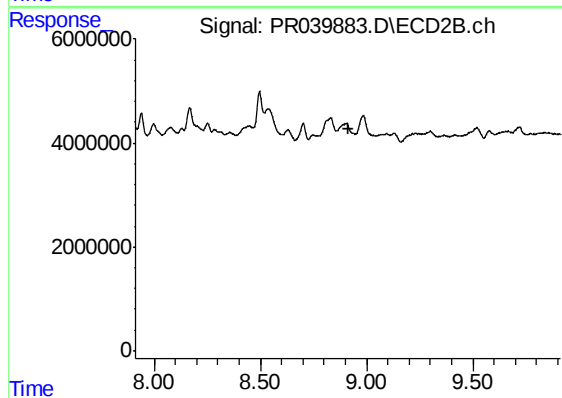
#38 AR-1262-3

R.T.: 8.831 min
Delta R.T.: 0.012 min
Response: 8038034
Conc: 6.41 ng/ml



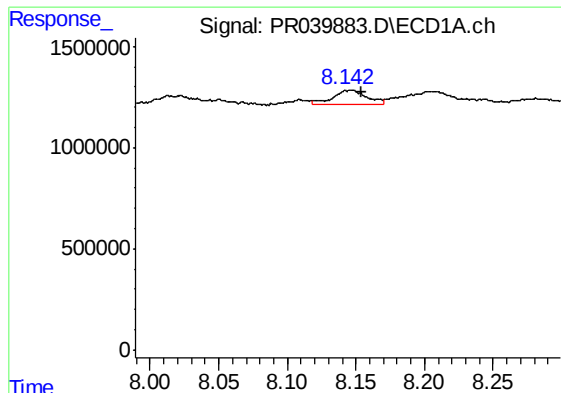
#39 AR-1262-4

R.T.: 7.655 min
Delta R.T.: -0.008 min
Response: 3668363
Conc: 7.92 ng/ml



#39 AR-1262-4

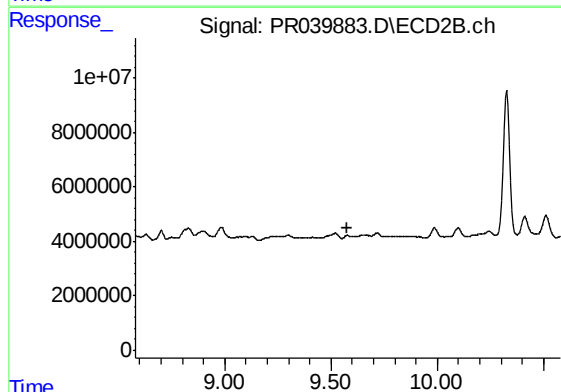
R.T.: 0.000 min
Exp R.T. : 8.912 min
Response: 0
Conc: N.D.



#40 AR-1262-5

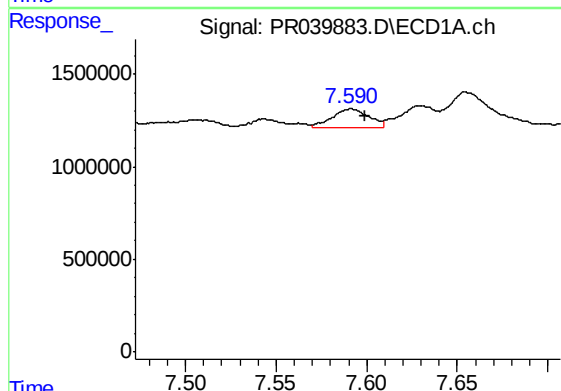
R.T.: 8.147 min
Delta R.T.: -0.007 min
Response: 1287292
Conc: 6.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



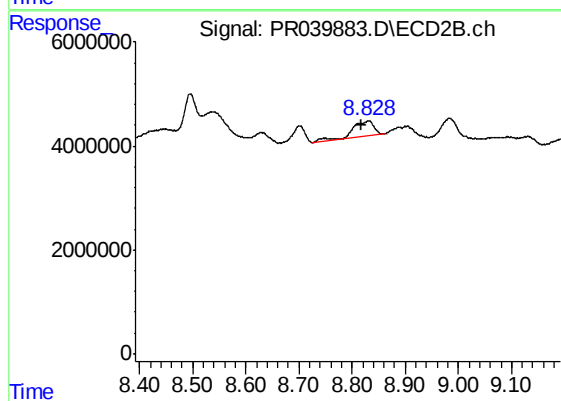
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.580 min
Response: 0
Conc: N.D.



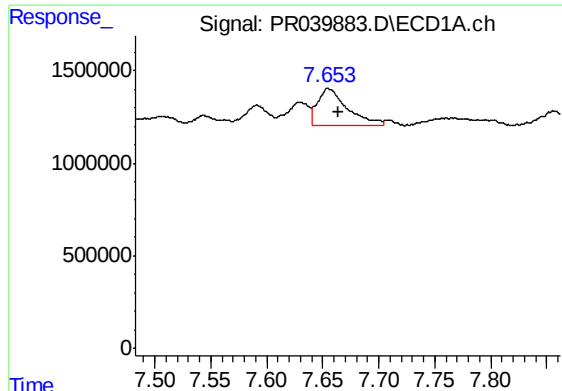
#41 AR-1268-1

R.T.: 7.591 min
Delta R.T.: -0.008 min
Response: 1431361
Conc: 1.87 ng/ml



#41 AR-1268-1

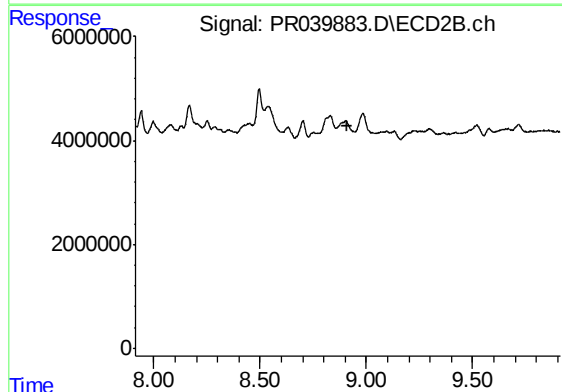
R.T.: 8.831 min
Delta R.T.: 0.013 min
Response: 8038034
Conc: 3.39 ng/ml



#42 AR-1268-2

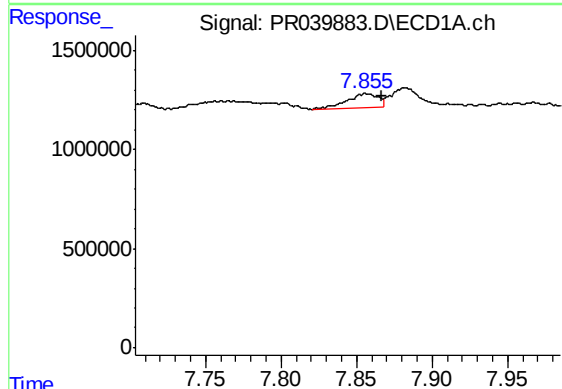
R.T.: 7.655 min
Delta R.T.: -0.009 min
Response: 3668363
Conc: 5.22 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



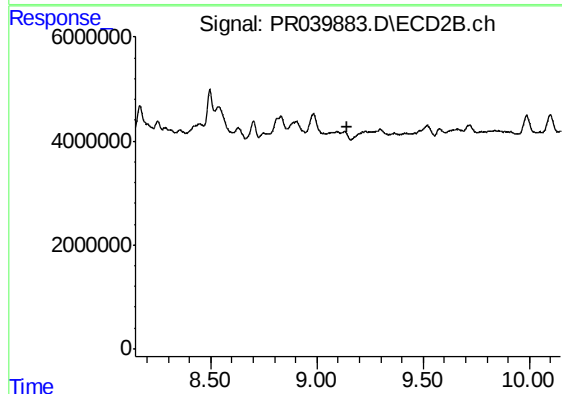
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.913 min
Response: 0
Conc: N.D.



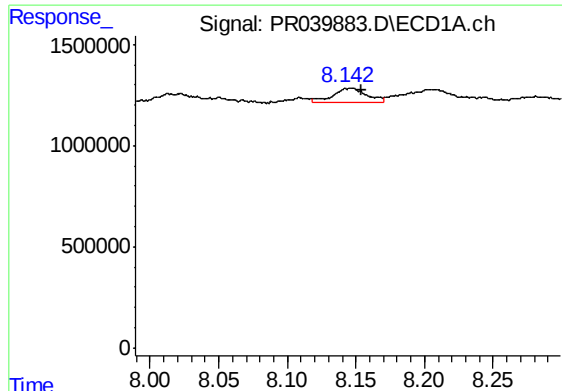
#43 AR-1268-3

R.T.: 7.856 min
Delta R.T.: -0.011 min
Response: 1056921
Conc: 1.90 ng/ml



#43 AR-1268-3

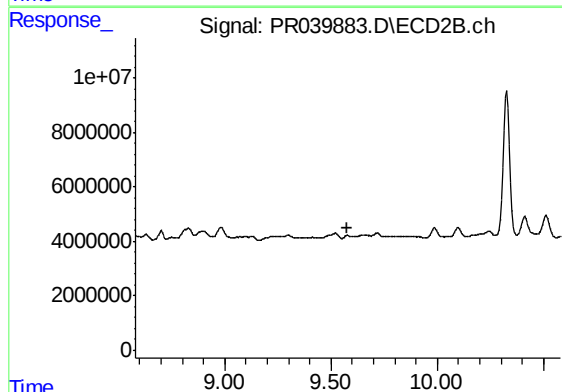
R.T.: 0.000 min
Exp R.T. : 9.146 min
Response: 0
Conc: N.D.



#44 AR-1268-4

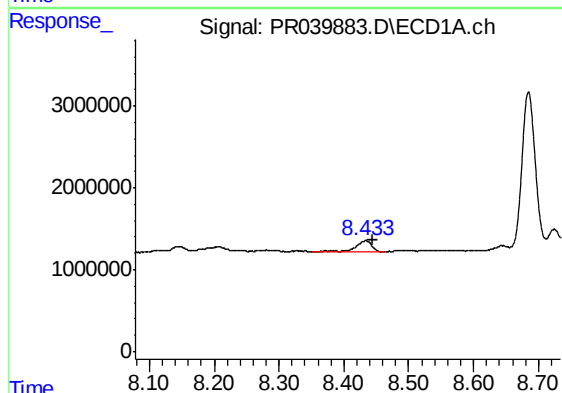
R.T.: 8.147 min
Delta R.T.: -0.008 min
Response: 1287292
Conc: 5.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-1



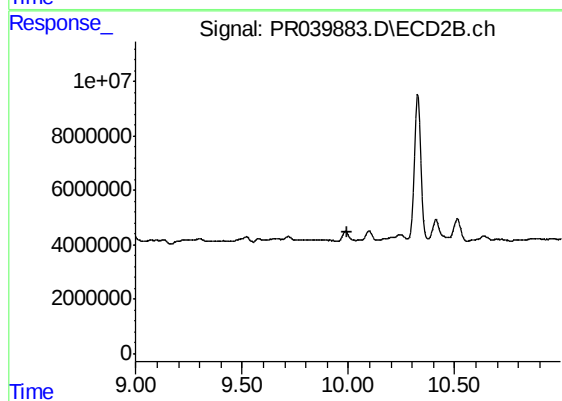
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.580 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.433 min
Delta R.T.: -0.011 min
Response: 2593488
Conc: 1.52 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.998 min
Response: 0
Conc: N.D.