

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR100819\
 Data File : PR042130.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2019 03:37
 Operator : SM\AJ
 Sample : K5202-04
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 C0AA8

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 01:26:41 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR100319CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 04 06:59:35 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	4.719	3.983	83509758	323.3E6	20.529	21.142
2)	SA Decachlor...	10.631	9.089	100.4E6	311.4E6	29.233	31.405
Target Compounds							
3)	L1 AR-1016-1	5.921	0.000	15300531	0	106.573	N.D. #
4)	L1 AR-1016-2	5.921	0.000	15300531	0	74.821	N.D. #
5)	L1 AR-1016-3	5.997	0.000	10628346	0	87.423	N.D. #
6)	L1 AR-1016-4	6.085	0.000	7913375	0	77.810	N.D. #
7)	L1 AR-1016-5	6.376	5.476f	10337175	5688953	103.817	18.398 #
8)	L2 AR-1221-1	4.956	0.000	3084623	0	75.133	N.D. #
9)	L2 AR-1221-2	5.029	0.000	5447057	0	187.743	N.D. #
10)	L2 AR-1221-3	5.094	0.000	3196383	0	32.853	N.D. #
11)	L3 AR-1232-1	5.094	0.000	3196383	0	38.199	N.D. #
12)	L3 AR-1232-2	5.623	0.000	7797905	0	181.015	N.D. #
13)	L3 AR-1232-3	5.921	0.000	15300531	0	170.166	N.D. #
14)	L3 AR-1232-4	6.085	5.435f	7913375	5361989	177.814	37.644 #
15)	L3 AR-1232-5	6.183	5.476f	5588033	5688953	170.099	42.218 #
16)	L4 AR-1242-1	5.921	0.000	15300531	0	138.748	N.D. #
17)	L4 AR-1242-2	5.921	0.000	15300531	0	98.554	N.D. #
18)	L4 AR-1242-3	5.997	0.000	10628346	0	113.274	N.D. #
19)	L4 AR-1242-4	6.085	5.435f	7913375	5361989	101.861	20.598 #
20)	L4 AR-1242-5	6.818	0.000	10604067	0	121.150	N.D. #
21)	L5 AR-1248-1	5.921	0.000	15300531	0	183.873	N.D. #
22)	L5 AR-1248-2	6.183	0.000	5588033	0	48.696	N.D. #
23)	L5 AR-1248-3	6.376	5.435f	10337175	5361989	79.727	14.325 #
24)	L5 AR-1248-4	6.751	5.476f	8274662	5688953	53.925	14.284 #
25)	L5 AR-1248-5	6.818	0.000	10604067	0	73.238	N.D. #
26)	L6 AR-1254-1	6.751	0.000	8274662	0	50.668	N.D. #
27)	L6 AR-1254-2	6.968	0.000	9469182	0	38.167	N.D. #
28)	L6 AR-1254-3	7.301f	6.442	5120354	23043641	18.974	24.425 #
29)	L6 AR-1254-4	7.623	6.667	7671974	50508207	37.801	76.287 #
30)	L6 AR-1254-5	8.041	7.089	10376387	17339206	48.795	20.194 #
31)	L7 AR-1260-1	7.499	6.578	13544059	31583829	71.486	53.282 #
32)	L7 AR-1260-2	7.754	6.757	7935664	26716997	33.574	32.770
33)	L7 AR-1260-3	8.115	6.915	5937664	10801142	31.629	15.624 #
34)	L7 AR-1260-4	8.354	7.387	9510318	6869330	47.323	11.838 #
35)	L7 AR-1260-5	8.692	7.626	7955583	21787413	18.378	13.401 #
36)	L8 AR-1262-1	8.176	7.089	4755357	17339206	50.519	39.789
37)	L8 AR-1262-2	8.692	7.626	7955583	21787413	18.444	12.656 #
38)	L8 AR-1262-3	9.044	7.989f	8444473	827561	30.295	1.268 #
39)	L8 AR-1262-4	9.157	7.989	34694866	827561	169.352	0.708 #
40)	L8 AR-1262-5	9.827	0.000	5493367	0	38.082	N.D. #
41)	L9 AR-1268-1	9.044	7.989f	8444473	827561	15.375	0.377 #
42)	L9 AR-1268-2	9.157	7.989	34694866	827561	69.784	0.416 #

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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	9.367	0.000	1932610	0	4.738	N.D.	#
44) L9	AR-1268-4	9.827	0.000	5493367	0	31.310	N.D.	#
45) L9	AR-1268-5	10.268	0.000	1801416	0	1.382	N.D.	#

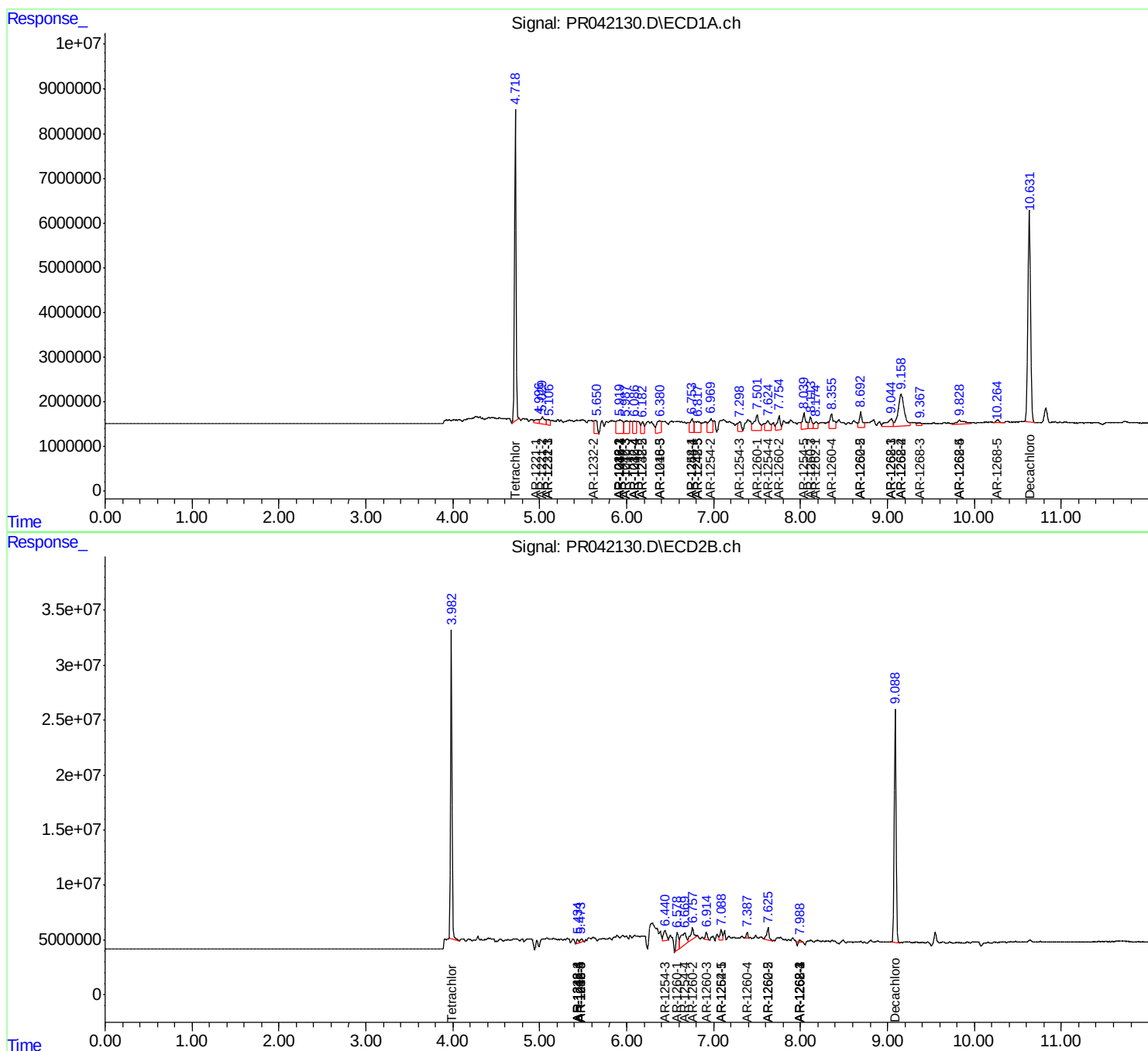
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

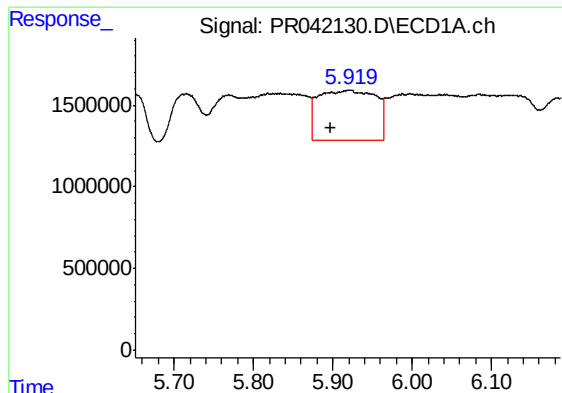
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR100819\
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Misc :
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

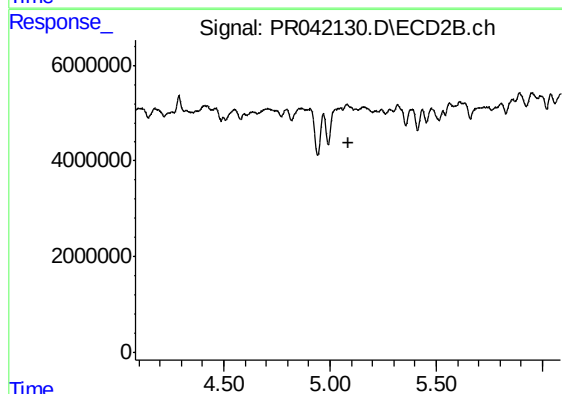




#3 AR-1016-1

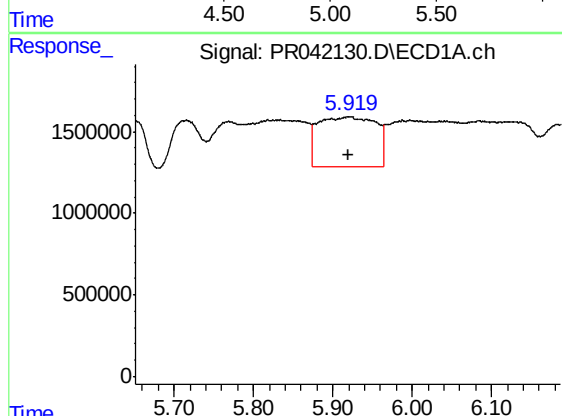
R.T.: 5.921 min
Delta R.T.: 0.024 min
Response: 15300531
Conc: 106.57 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AA8



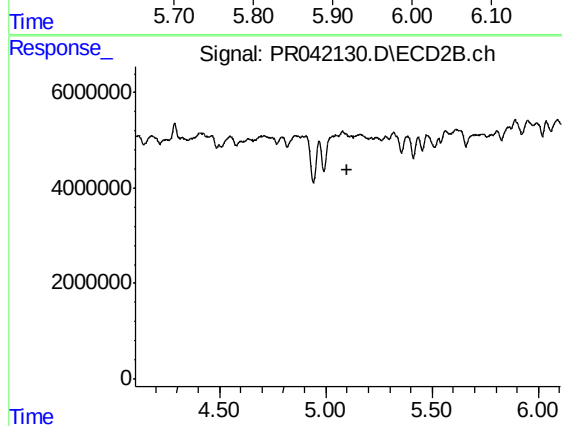
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.084 min
Response: 0
Conc: N.D.



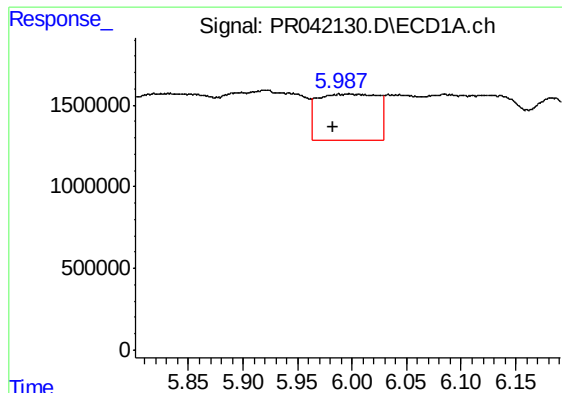
#4 AR-1016-2

R.T.: 5.921 min
Delta R.T.: 0.002 min
Response: 15300531
Conc: 74.82 ng/ml



#4 AR-1016-2

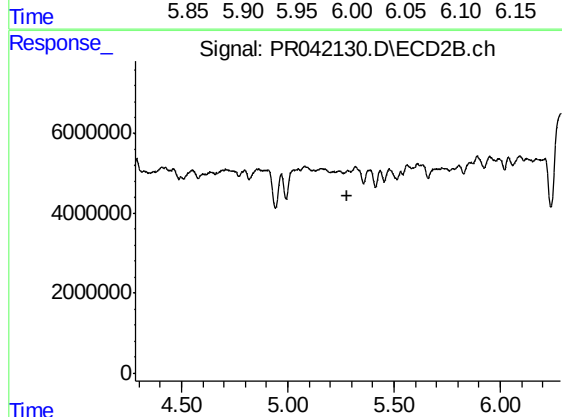
R.T.: 0.000 min
Exp R.T. : 5.104 min
Response: 0
Conc: N.D.



#5 AR-1016-3

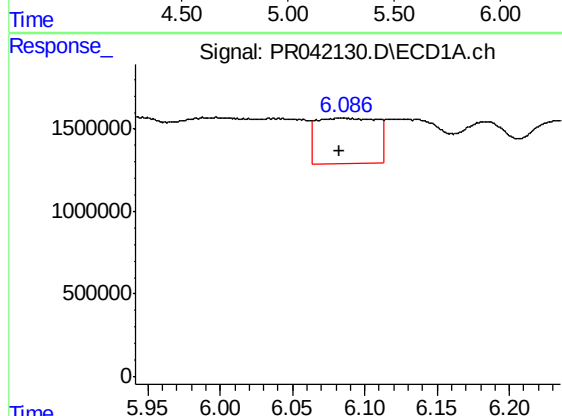
R.T.: 5.997 min
Delta R.T.: 0.015 min
Response: 10628346
Conc: 87.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AA8



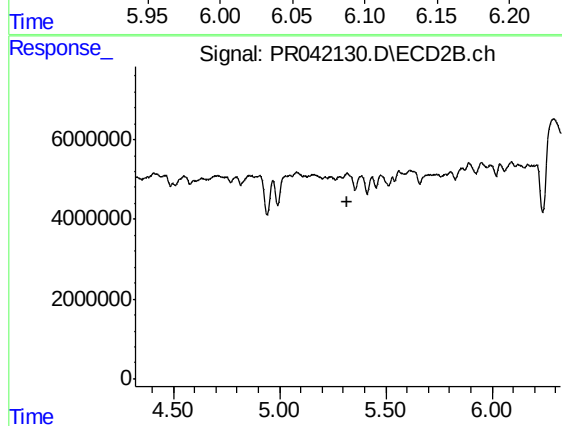
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.283 min
Response: 0
Conc: N.D.



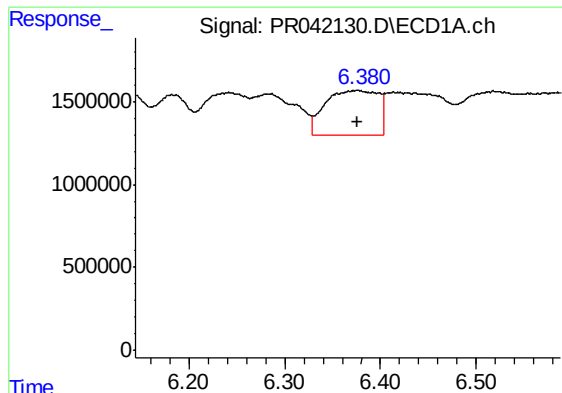
#6 AR-1016-4

R.T.: 6.085 min
Delta R.T.: 0.002 min
Response: 7913375
Conc: 77.81 ng/ml



#6 AR-1016-4

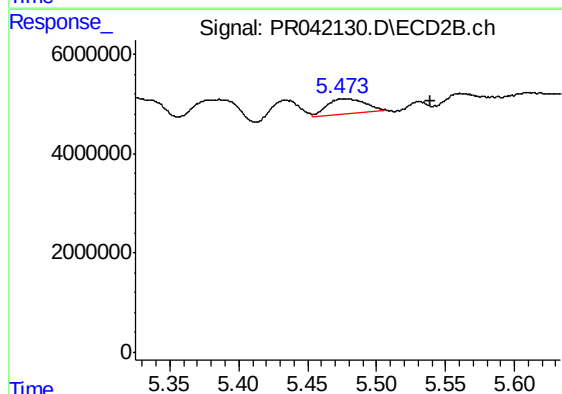
R.T.: 0.000 min
Exp R.T. : 5.322 min
Response: 0
Conc: N.D.



#7 AR-1016-5

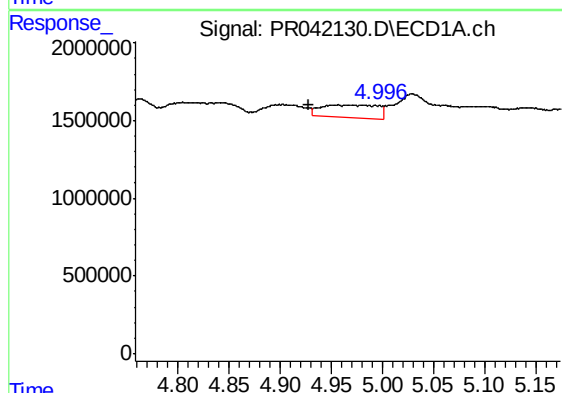
R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 10337175
Conc: 103.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AA8



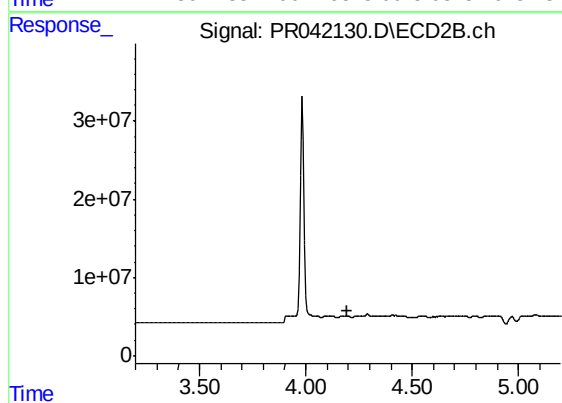
#7 AR-1016-5

R.T.: 5.476 min
Delta R.T.: -0.063 min
Response: 5688953
Conc: 18.40 ng/ml



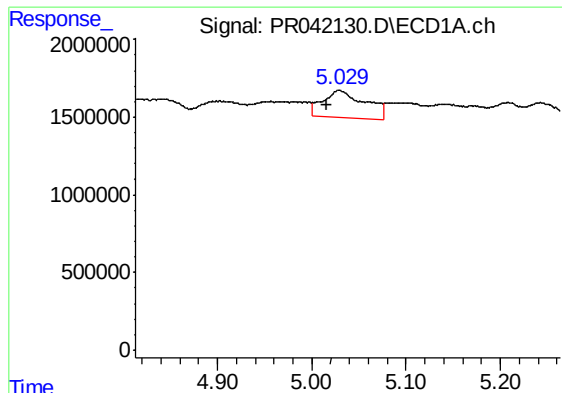
#8 AR-1221-1

R.T.: 4.956 min
Delta R.T.: 0.028 min
Response: 3084623
Conc: 75.13 ng/ml



#8 AR-1221-1

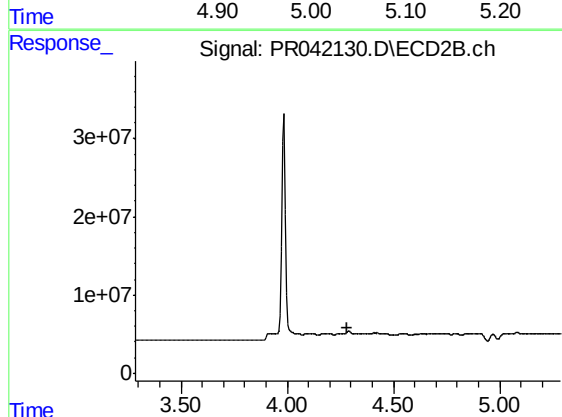
R.T.: 0.000 min
Exp R.T. : 4.198 min
Response: 0
Conc: N.D.



#9 AR-1221-2

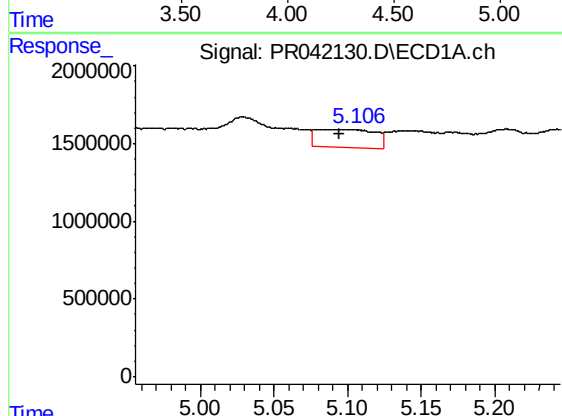
R.T.: 5.029 min
Delta R.T.: 0.013 min
Response: 5447057
Conc: 187.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AA8



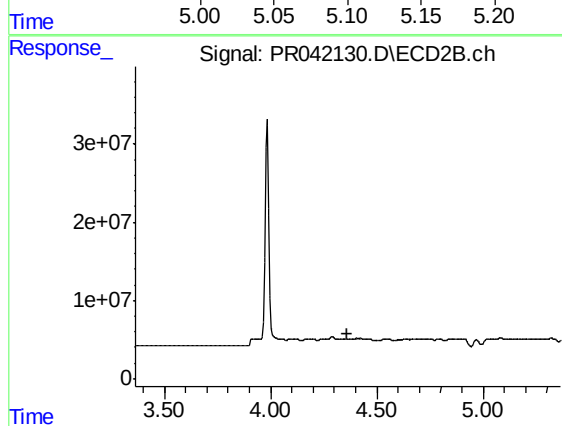
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.286 min
Response: 0
Conc: N.D.



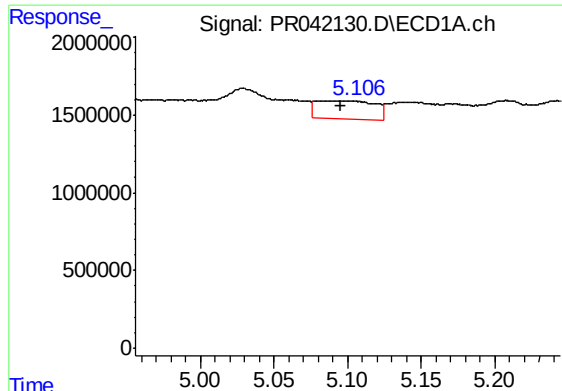
#10 AR-1221-3

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 3196383
Conc: 32.85 ng/ml



#10 AR-1221-3

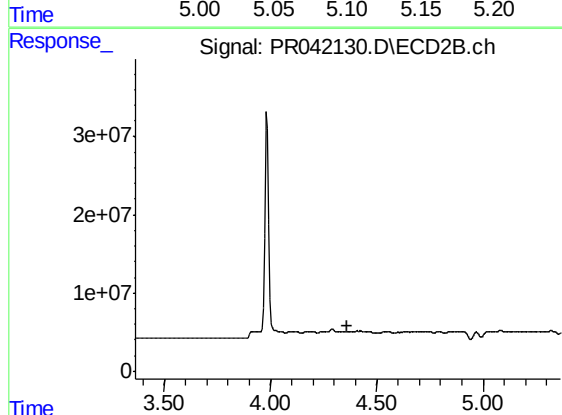
R.T.: 0.000 min
Exp R.T. : 4.363 min
Response: 0
Conc: N.D.



#11 AR-1232-1

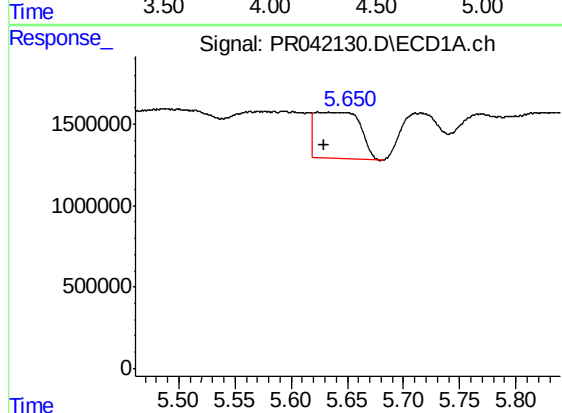
R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 3196383
Conc: 38.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AA8



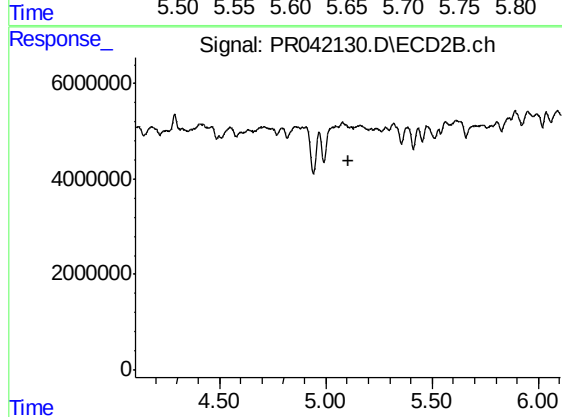
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.364 min
Response: 0
Conc: N.D.



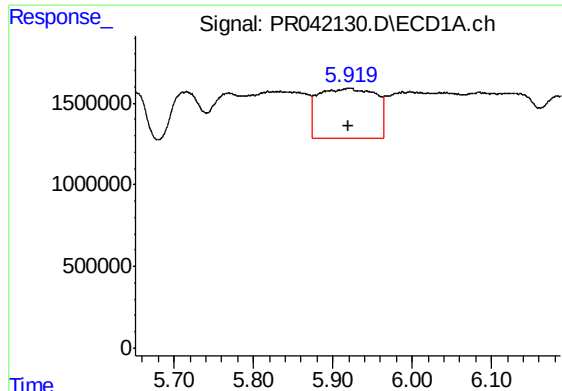
#12 AR-1232-2

R.T.: 5.623 min
Delta R.T.: -0.006 min
Response: 7797905
Conc: 181.02 ng/ml



#12 AR-1232-2

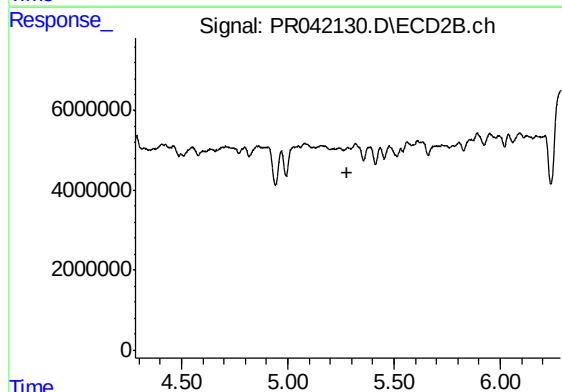
R.T.: 0.000 min
Exp R.T. : 5.104 min
Response: 0
Conc: N.D.



#13 AR-1232-3

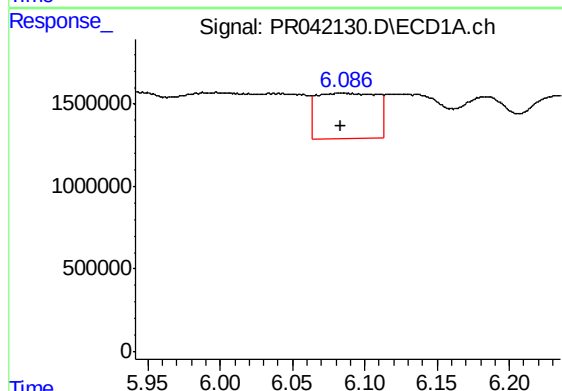
R.T.: 5.921 min
Delta R.T.: 0.001 min
Response: 15300531
Conc: 170.17 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AA8



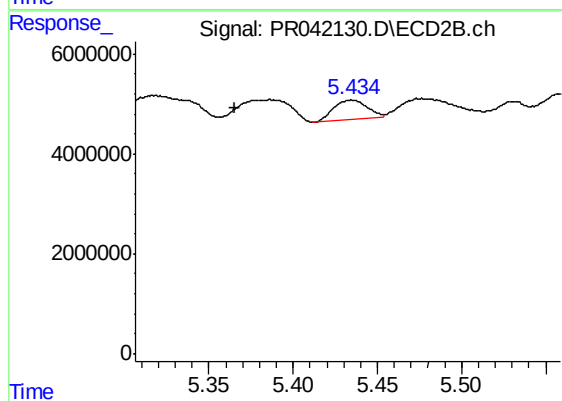
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.283 min
Response: 0
Conc: N.D.



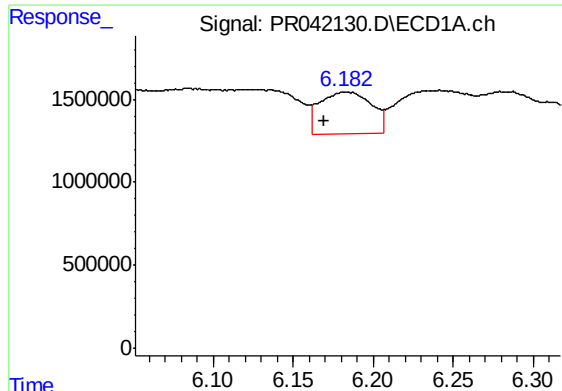
#14 AR-1232-4

R.T.: 6.085 min
Delta R.T.: 0.002 min
Response: 7913375
Conc: 177.81 ng/ml



#14 AR-1232-4

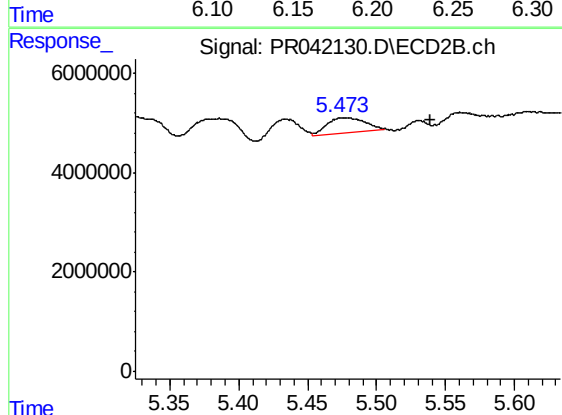
R.T.: 5.435 min
Delta R.T.: 0.069 min
Response: 5361989
Conc: 37.64 ng/ml



#15 AR-1232-5

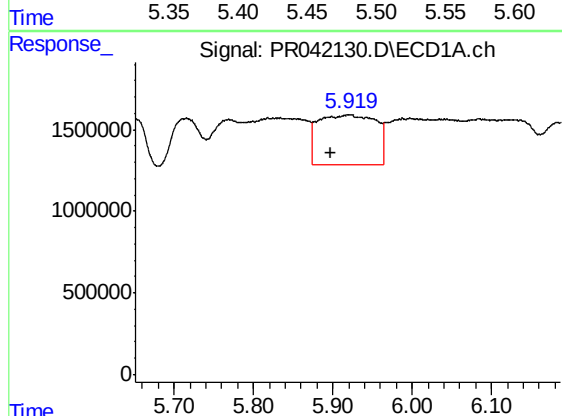
R.T.: 6.183 min
Delta R.T.: 0.014 min
Response: 5588033
Conc: 170.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AA8



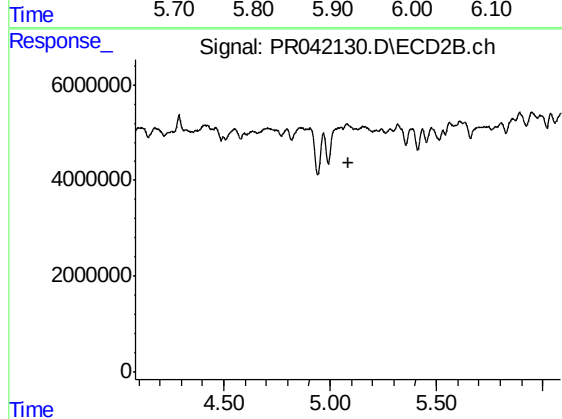
#15 AR-1232-5

R.T.: 5.476 min
Delta R.T.: -0.063 min
Response: 5688953
Conc: 42.22 ng/ml



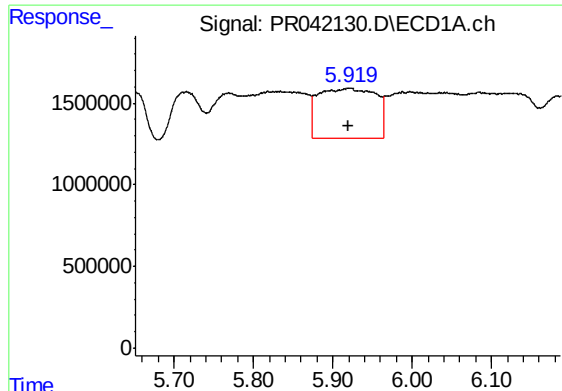
#16 AR-1242-1

R.T.: 5.921 min
Delta R.T.: 0.025 min
Response: 15300531
Conc: 138.75 ng/ml



#16 AR-1242-1

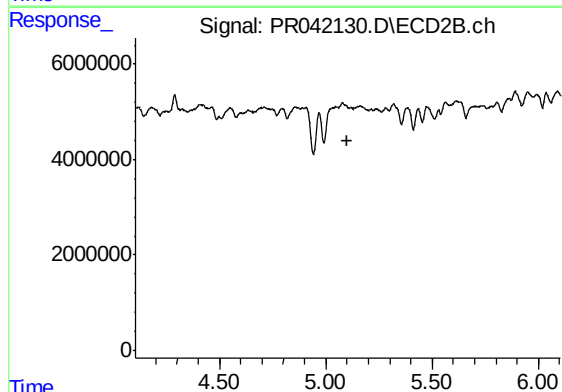
R.T.: 0.000 min
Exp R.T. : 5.084 min
Response: 0
Conc: N.D.



#17 AR-1242-2

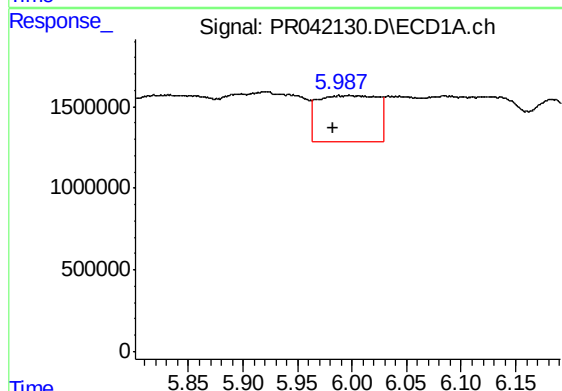
R.T.: 5.921 min
Delta R.T.: 0.001 min
Response: 15300531
Conc: 98.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AA8



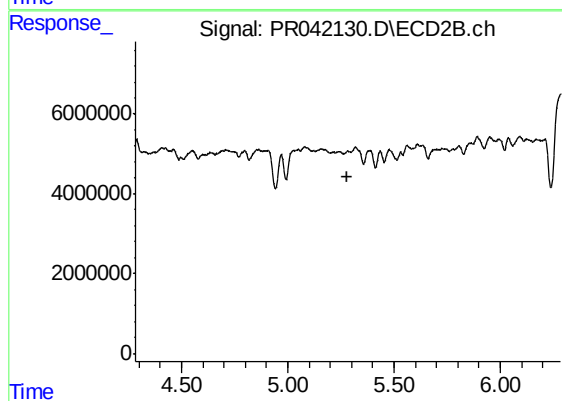
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.104 min
Response: 0
Conc: N.D.



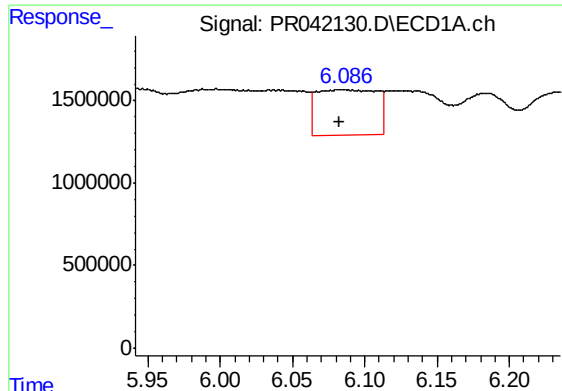
#18 AR-1242-3

R.T.: 5.997 min
Delta R.T.: 0.015 min
Response: 10628346
Conc: 113.27 ng/ml



#18 AR-1242-3

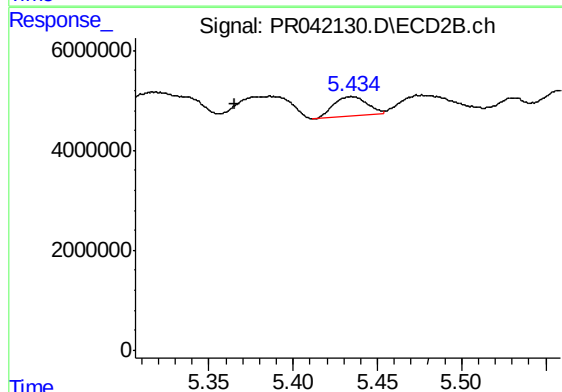
R.T.: 0.000 min
Exp R.T. : 5.283 min
Response: 0
Conc: N.D.



#19 AR-1242-4

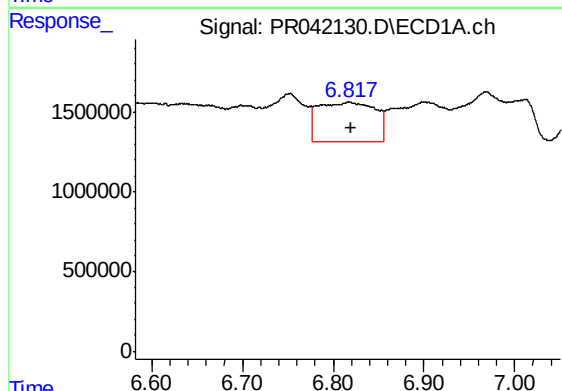
R.T.: 6.085 min
Delta R.T.: 0.002 min
Response: 7913375
Conc: 101.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AA8



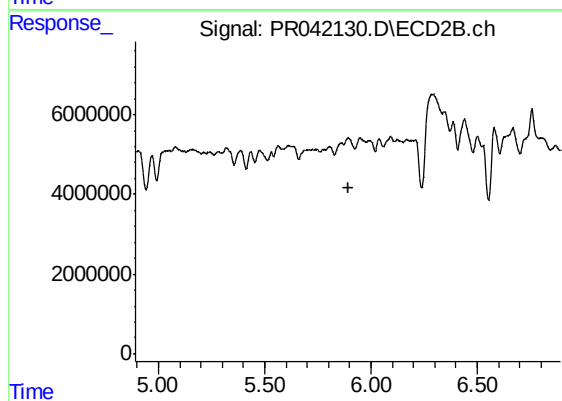
#19 AR-1242-4

R.T.: 5.435 min
Delta R.T.: 0.070 min
Response: 5361989
Conc: 20.60 ng/ml



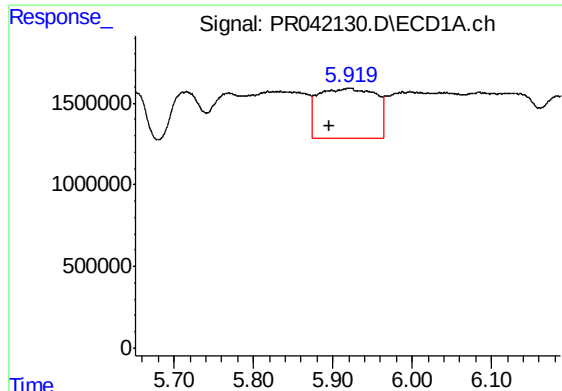
#20 AR-1242-5

R.T.: 6.818 min
Delta R.T.: -0.002 min
Response: 10604067
Conc: 121.15 ng/ml



#20 AR-1242-5

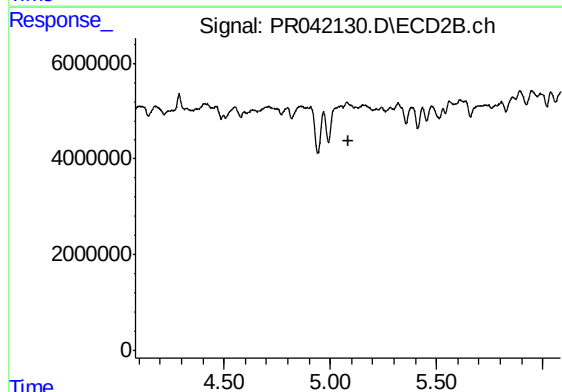
R.T.: 0.000 min
Exp R.T. : 5.892 min
Response: 0
Conc: N.D.



#21 AR-1248-1

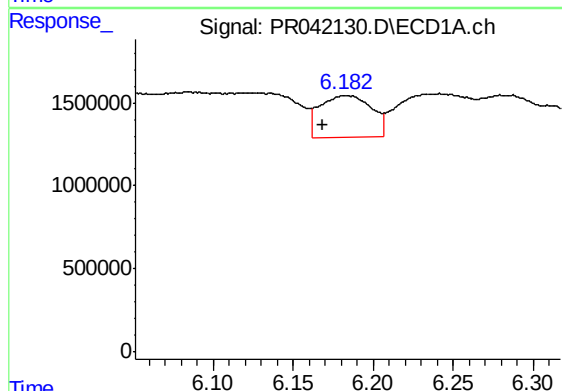
R.T.: 5.921 min
Delta R.T.: 0.025 min
Response: 15300531
Conc: 183.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AA8



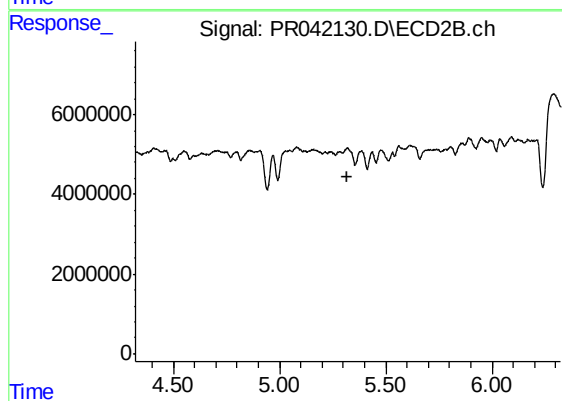
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.083 min
Response: 0
Conc: N.D.



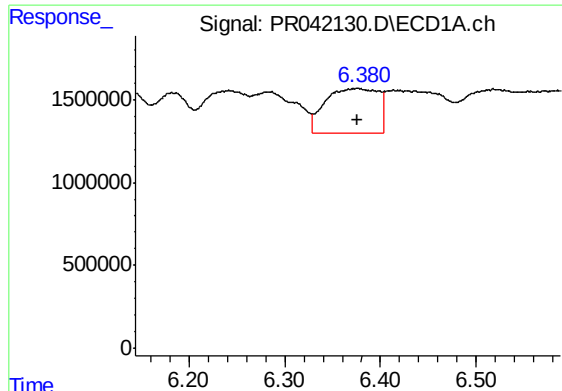
#22 AR-1248-2

R.T.: 6.183 min
Delta R.T.: 0.015 min
Response: 5588033
Conc: 48.70 ng/ml



#22 AR-1248-2

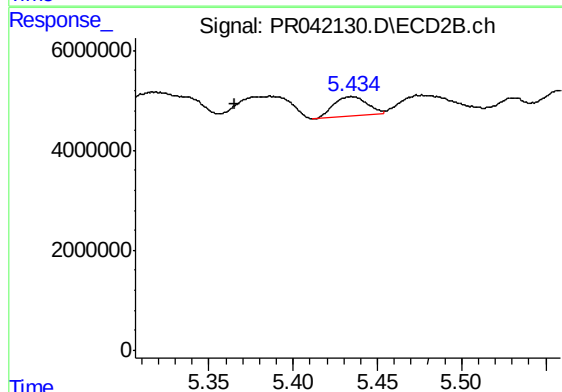
R.T.: 0.000 min
Exp R.T. : 5.321 min
Response: 0
Conc: N.D.



#23 AR-1248-3

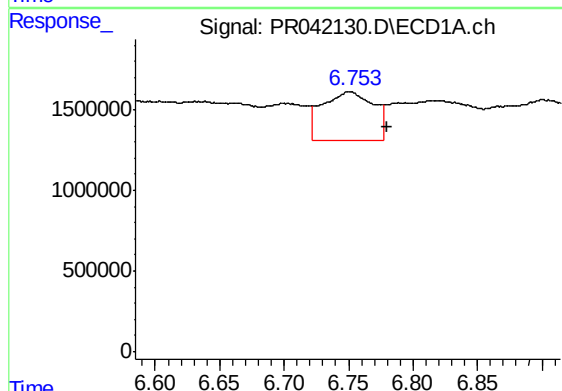
R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 10337175
Conc: 79.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AA8



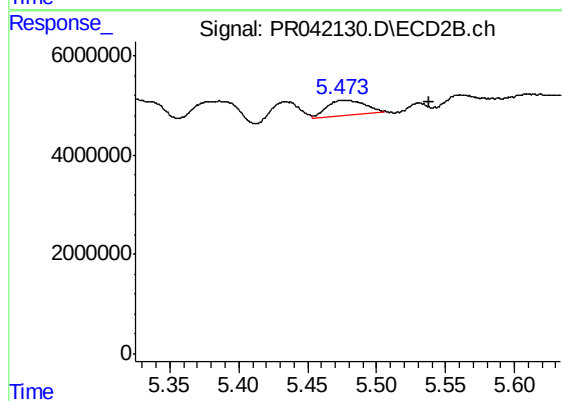
#23 AR-1248-3

R.T.: 5.435 min
Delta R.T.: 0.070 min
Response: 5361989
Conc: 14.32 ng/ml



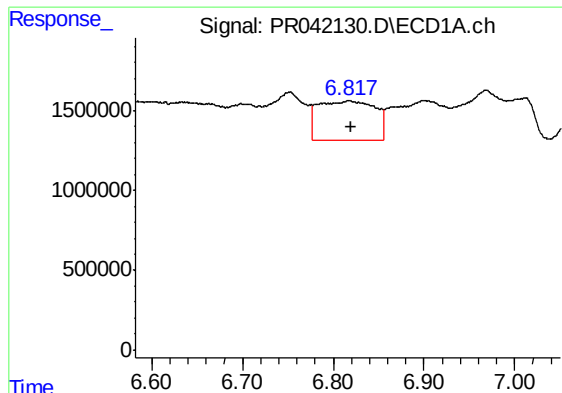
#24 AR-1248-4

R.T.: 6.751 min
Delta R.T.: -0.028 min
Response: 8274662
Conc: 53.93 ng/ml



#24 AR-1248-4

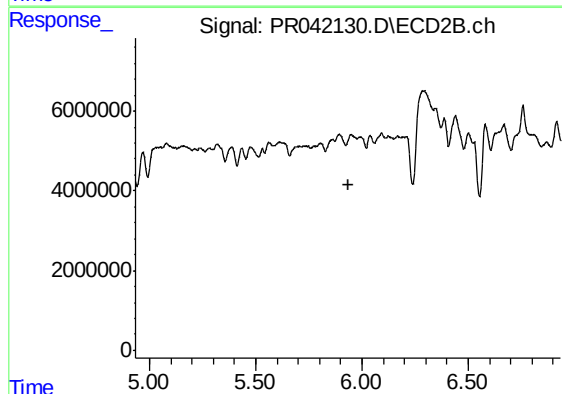
R.T.: 5.476 min
Delta R.T.: -0.062 min
Response: 5688953
Conc: 14.28 ng/ml



#25 AR-1248-5

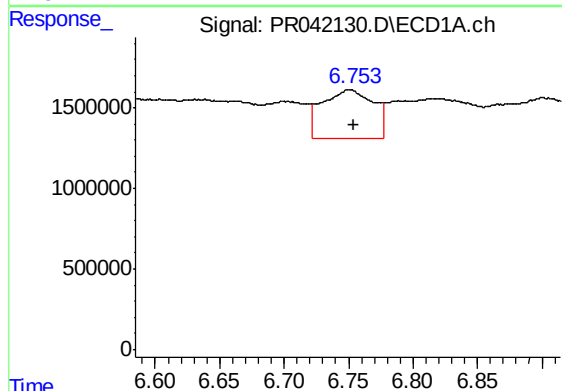
R.T.: 6.818 min
Delta R.T.: -0.002 min
Response: 10604067
Conc: 73.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AA8



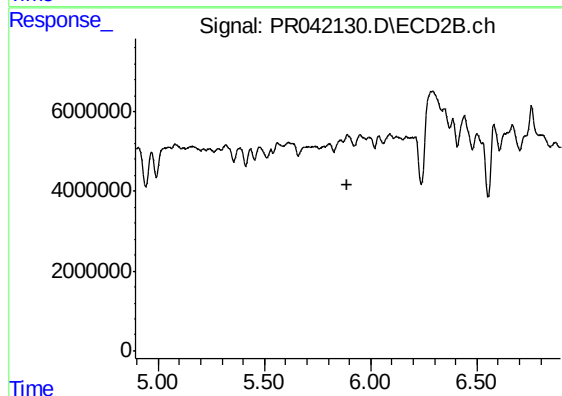
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.934 min
Response: 0
Conc: N.D.



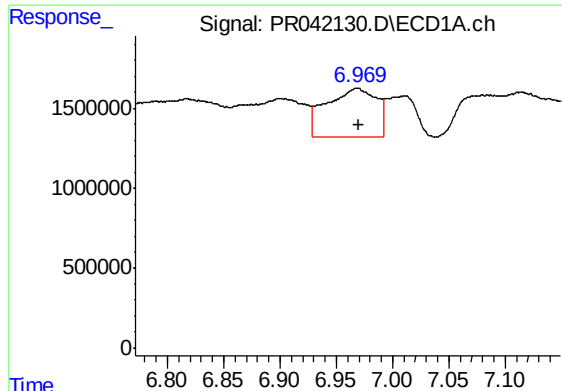
#26 AR-1254-1

R.T.: 6.751 min
Delta R.T.: -0.002 min
Response: 8274662
Conc: 50.67 ng/ml



#26 AR-1254-1

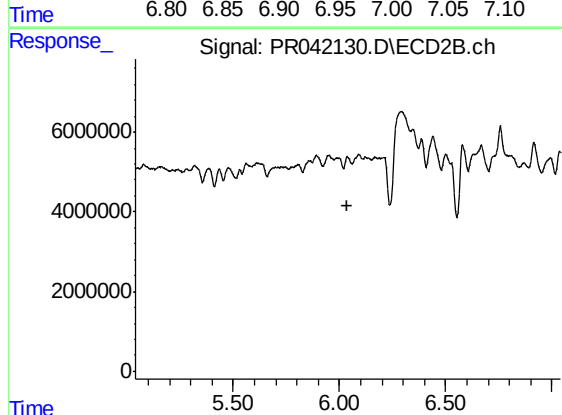
R.T.: 0.000 min
Exp R.T. : 5.893 min
Response: 0
Conc: N.D.



#27 AR-1254-2

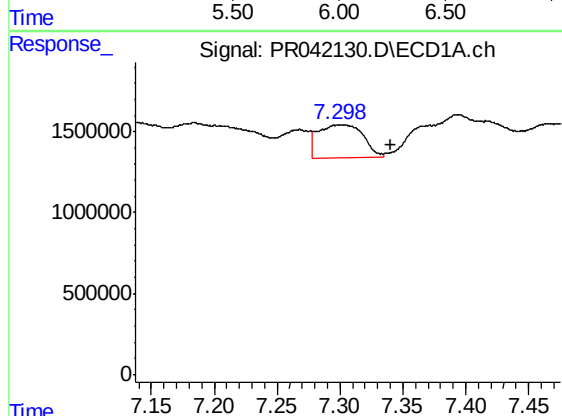
R.T.: 6.968 min
Delta R.T.: -0.002 min
Response: 9469182
Conc: 38.17 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AA8



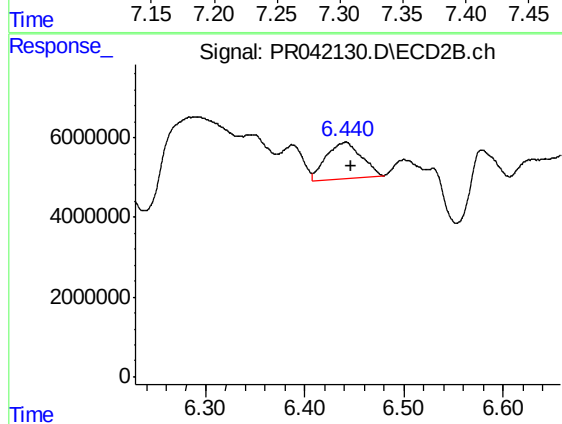
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.040 min
Response: 0
Conc: N.D.



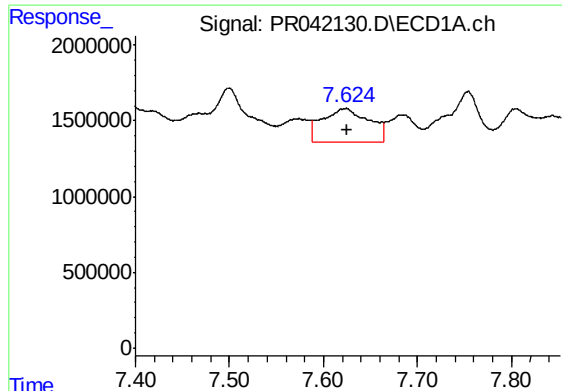
#28 AR-1254-3

R.T.: 7.301 min
Delta R.T.: -0.040 min
Response: 5120354
Conc: 18.97 ng/ml



#28 AR-1254-3

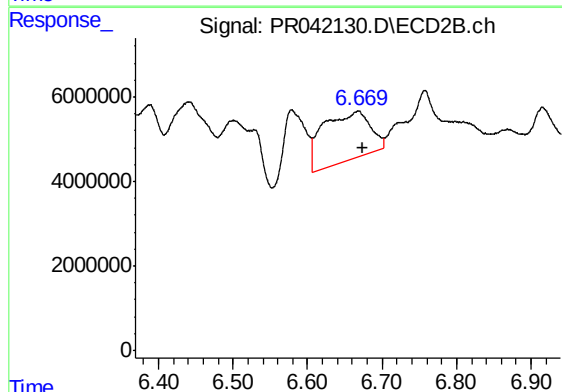
R.T.: 6.442 min
Delta R.T.: -0.005 min
Response: 23043641
Conc: 24.42 ng/ml



#29 AR-1254-4

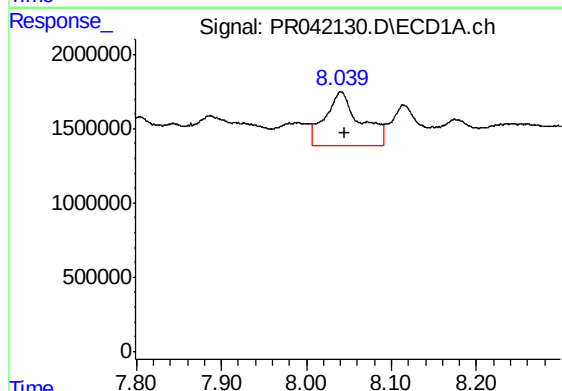
R.T.: 7.623 min
Delta R.T.: -0.003 min
Response: 7671974
Conc: 37.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AA8



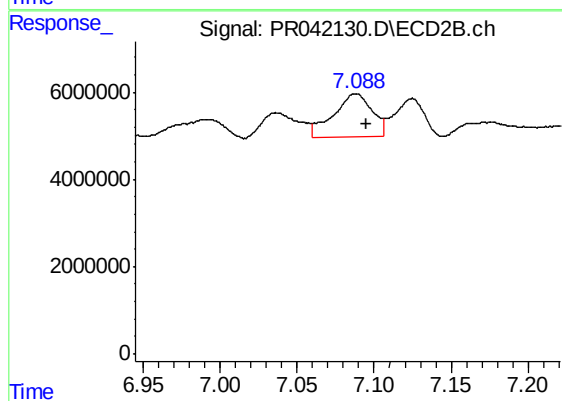
#29 AR-1254-4

R.T.: 6.667 min
Delta R.T.: -0.007 min
Response: 50508207
Conc: 76.29 ng/ml



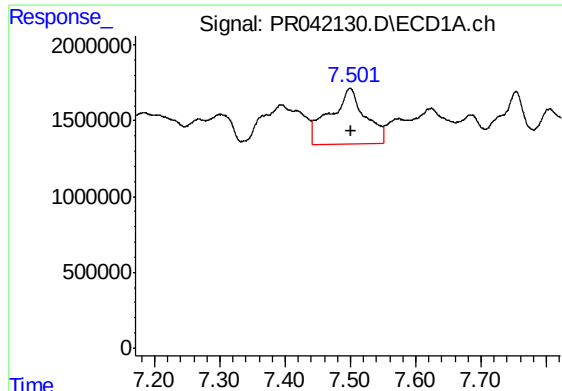
#30 AR-1254-5

R.T.: 8.041 min
Delta R.T.: -0.004 min
Response: 10376387
Conc: 48.79 ng/ml



#30 AR-1254-5

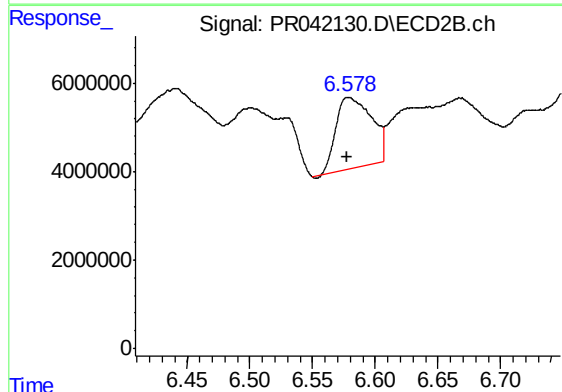
R.T.: 7.089 min
Delta R.T.: -0.006 min
Response: 17339206
Conc: 20.19 ng/ml



#31 AR-1260-1

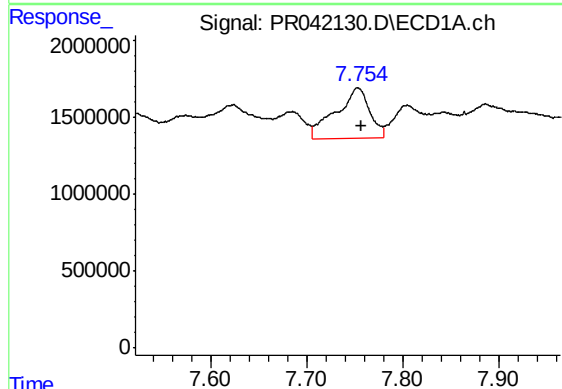
R.T.: 7.499 min
Delta R.T.: -0.003 min
Response: 13544059
Conc: 71.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AA8



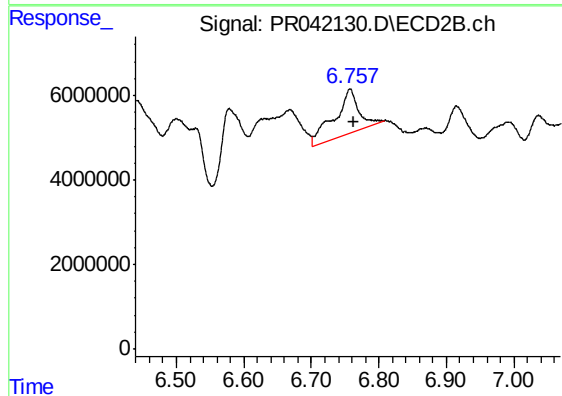
#31 AR-1260-1

R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 31583829
Conc: 53.28 ng/ml



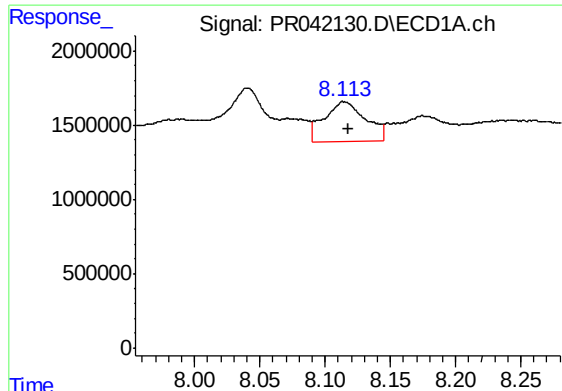
#32 AR-1260-2

R.T.: 7.754 min
Delta R.T.: -0.004 min
Response: 7935664
Conc: 33.57 ng/ml



#32 AR-1260-2

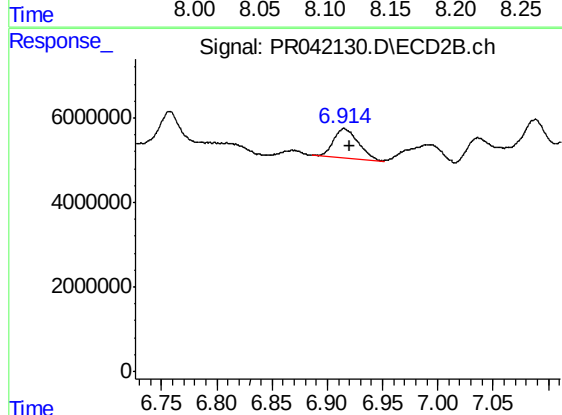
R.T.: 6.757 min
Delta R.T.: -0.007 min
Response: 26716997
Conc: 32.77 ng/ml



#33 AR-1260-3

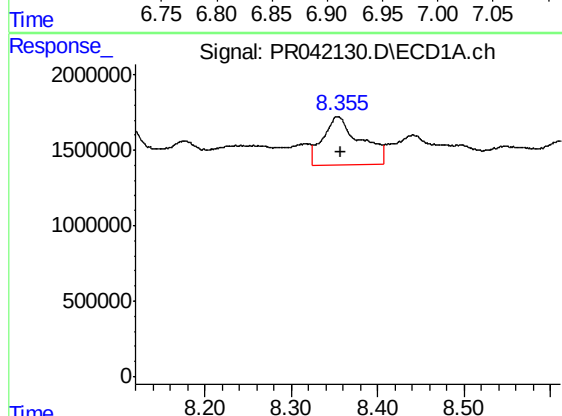
R.T.: 8.115 min
Delta R.T.: -0.003 min
Response: 5937664
Conc: 31.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AA8



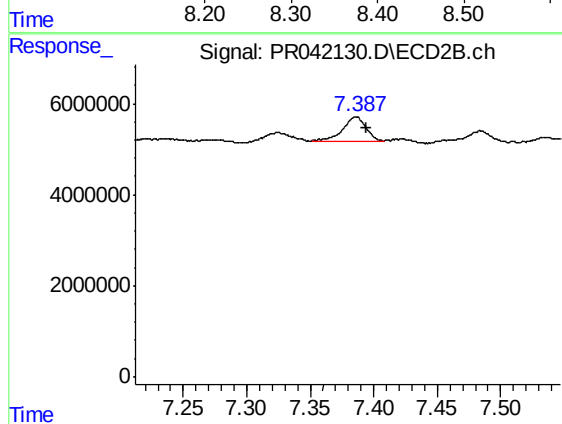
#33 AR-1260-3

R.T.: 6.915 min
Delta R.T.: -0.005 min
Response: 10801142
Conc: 15.62 ng/ml



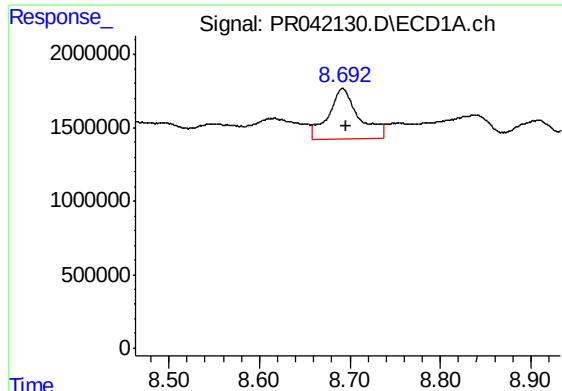
#34 AR-1260-4

R.T.: 8.354 min
Delta R.T.: -0.003 min
Response: 9510318
Conc: 47.32 ng/ml



#34 AR-1260-4

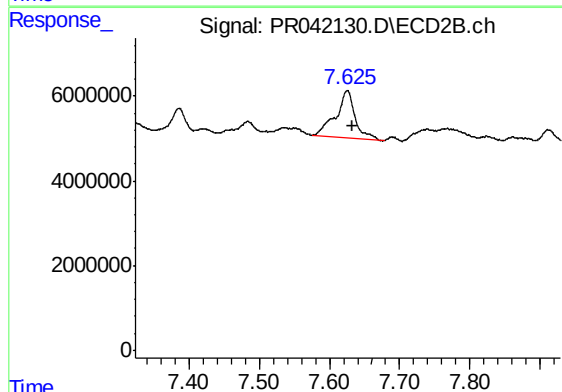
R.T.: 7.387 min
Delta R.T.: -0.007 min
Response: 6869330
Conc: 11.84 ng/ml



#35 AR-1260-5

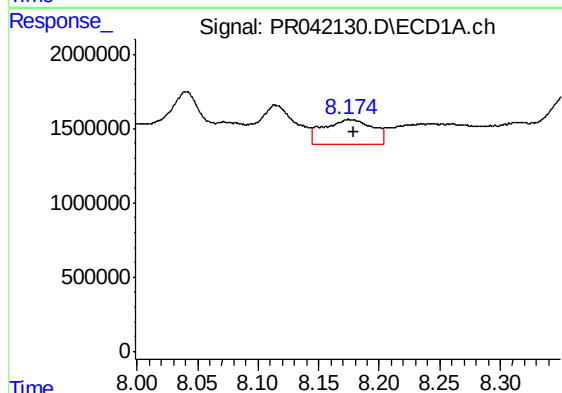
R.T.: 8.692 min
Delta R.T.: -0.003 min
Response: 7955583
Conc: 18.38 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AA8



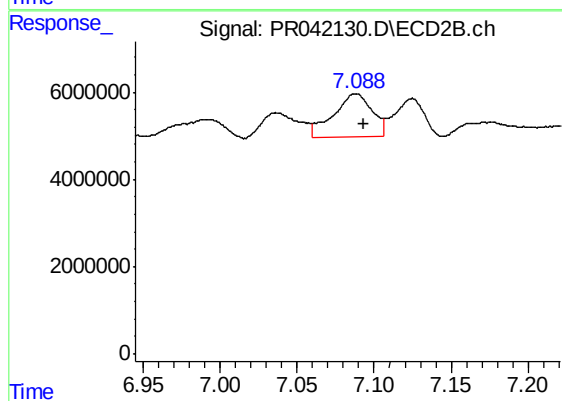
#35 AR-1260-5

R.T.: 7.626 min
Delta R.T.: -0.008 min
Response: 21787413
Conc: 13.40 ng/ml



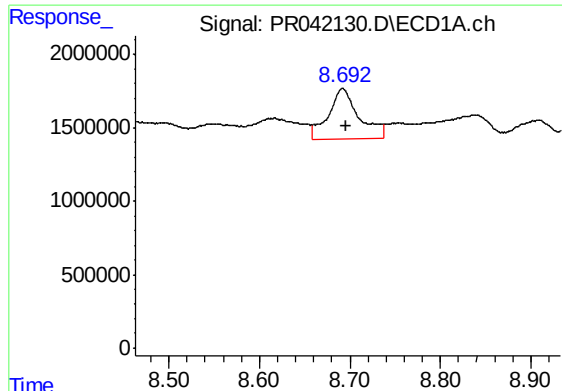
#36 AR-1262-1

R.T.: 8.176 min
Delta R.T.: -0.003 min
Response: 4755357
Conc: 50.52 ng/ml



#36 AR-1262-1

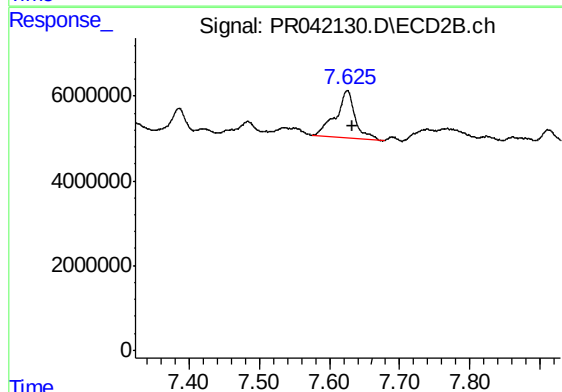
R.T.: 7.089 min
Delta R.T.: -0.004 min
Response: 17339206
Conc: 39.79 ng/ml



#37 AR-1262-2

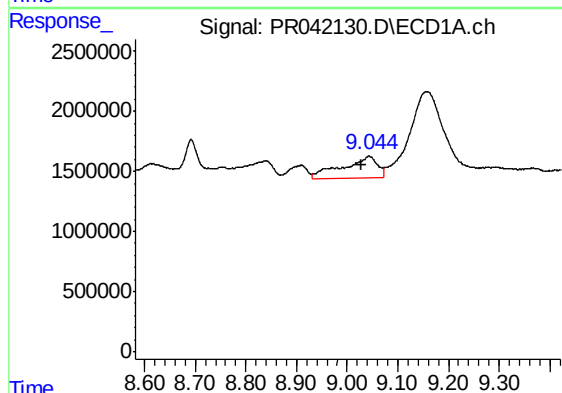
R.T.: 8.692 min
Delta R.T.: -0.004 min
Response: 7955583
Conc: 18.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AA8



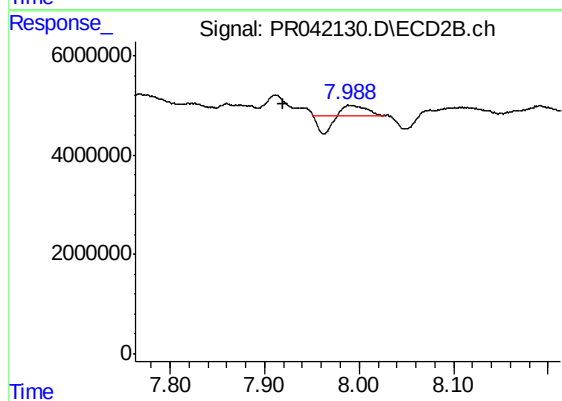
#37 AR-1262-2

R.T.: 7.626 min
Delta R.T.: -0.008 min
Response: 21787413
Conc: 12.66 ng/ml



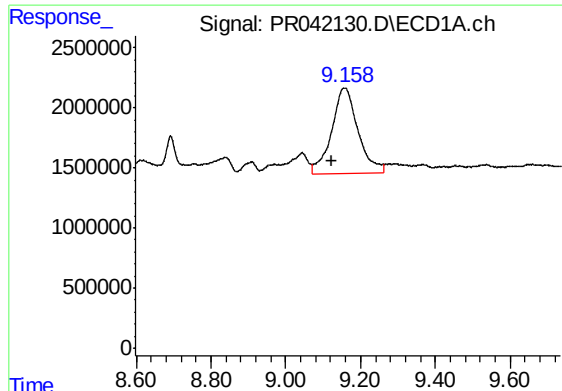
#38 AR-1262-3

R.T.: 9.044 min
Delta R.T.: 0.016 min
Response: 8444473
Conc: 30.29 ng/ml



#38 AR-1262-3

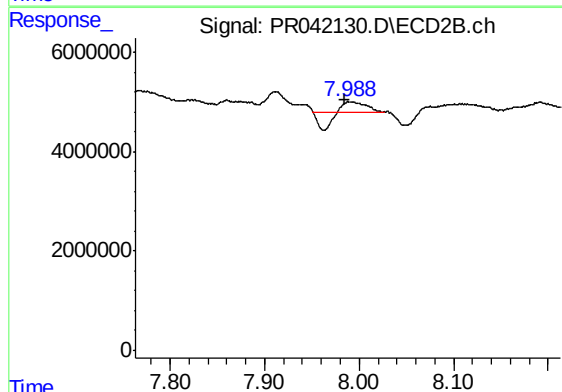
R.T.: 7.989 min
Delta R.T.: 0.069 min
Response: 827561
Conc: 1.27 ng/ml



#39 AR-1262-4

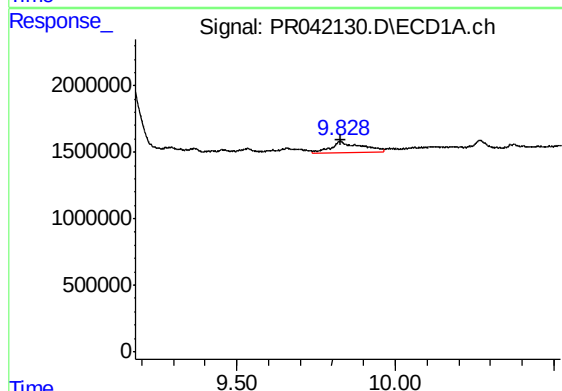
R.T.: 9.157 min
Delta R.T.: 0.033 min
Response: 34694866
Conc: 169.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AA8



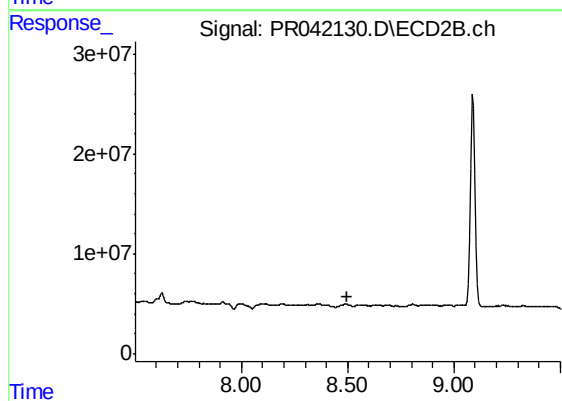
#39 AR-1262-4

R.T.: 7.989 min
Delta R.T.: 0.003 min
Response: 827561
Conc: 0.71 ng/ml



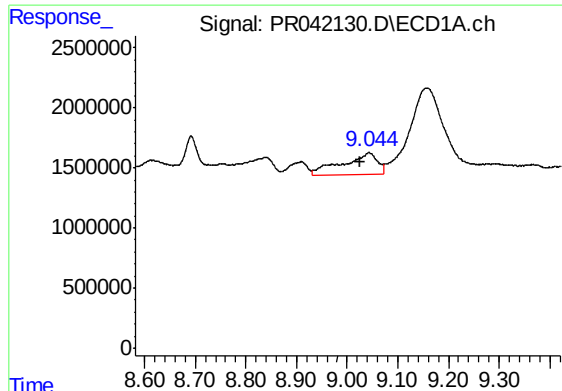
#40 AR-1262-5

R.T.: 9.827 min
Delta R.T.: 0.000 min
Response: 5493367
Conc: 38.08 ng/ml



#40 AR-1262-5

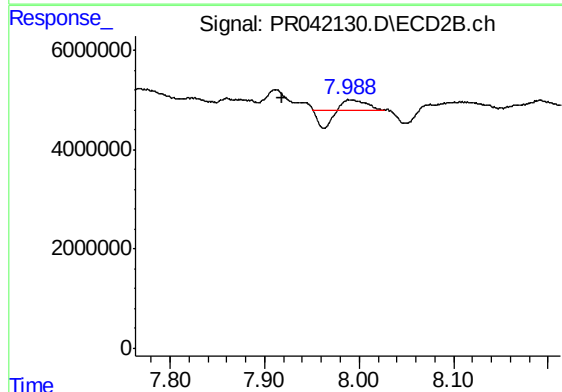
R.T.: 0.000 min
Exp R.T. : 8.502 min
Response: 0
Conc: N.D.



#41 AR-1268-1

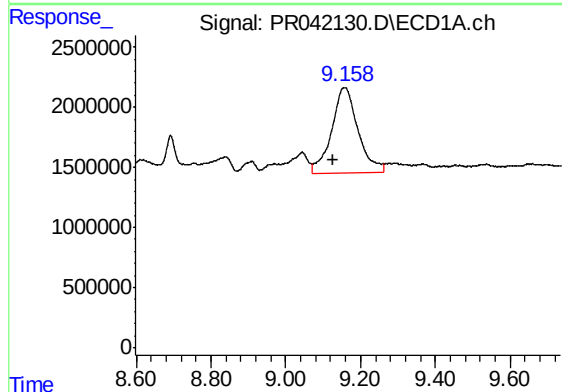
R.T.: 9.044 min
Delta R.T.: 0.018 min
Response: 8444473
Conc: 15.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AA8



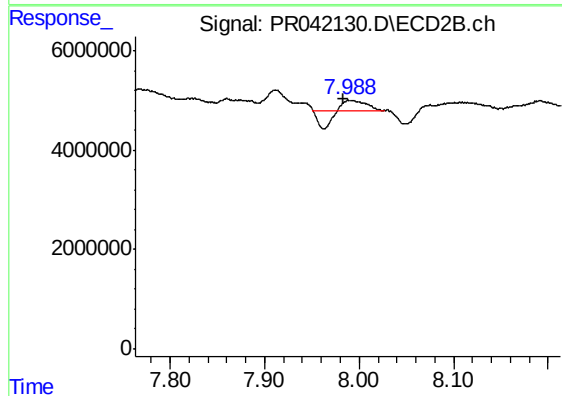
#41 AR-1268-1

R.T.: 7.989 min
Delta R.T.: 0.070 min
Response: 827561
Conc: 0.38 ng/ml



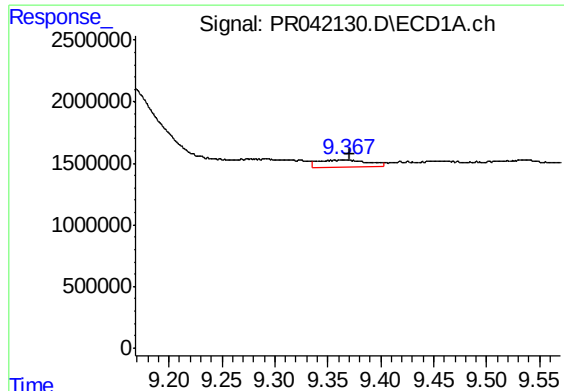
#42 AR-1268-2

R.T.: 9.157 min
Delta R.T.: 0.030 min
Response: 34694866
Conc: 69.78 ng/ml



#42 AR-1268-2

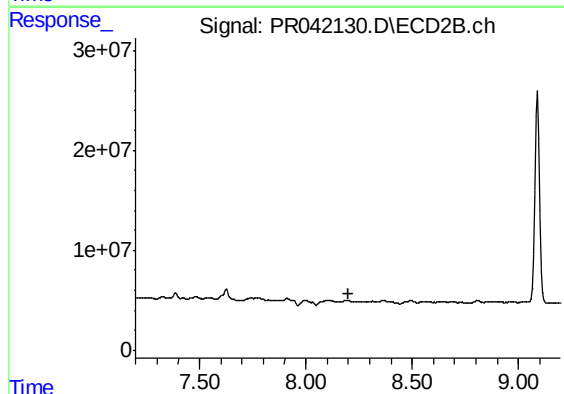
R.T.: 7.989 min
Delta R.T.: 0.005 min
Response: 827561
Conc: 0.42 ng/ml



#43 AR-1268-3

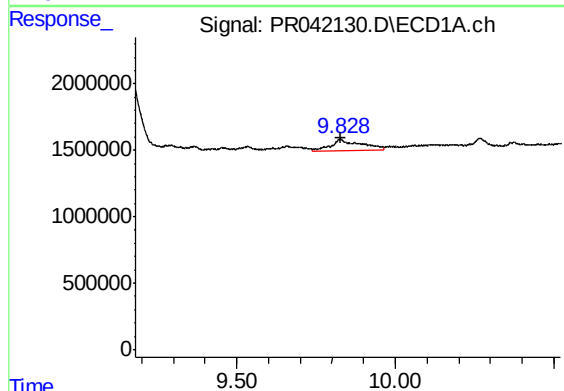
R.T.: 9.367 min
Delta R.T.: -0.004 min
Response: 1932610
Conc: 4.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AA8



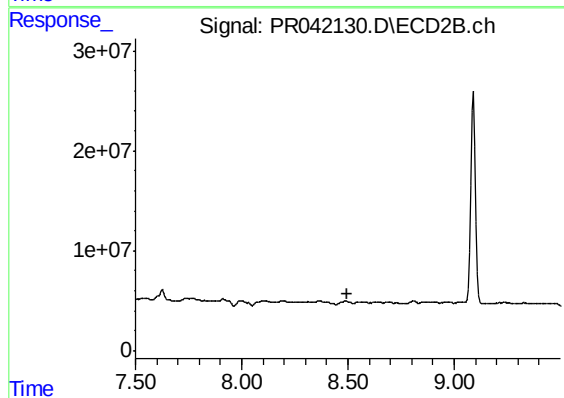
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.198 min
Response: 0
Conc: N.D.



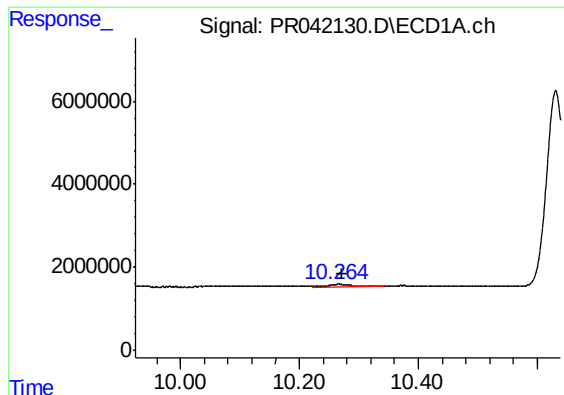
#44 AR-1268-4

R.T.: 9.827 min
Delta R.T.: -0.001 min
Response: 5493367
Conc: 31.31 ng/ml



#44 AR-1268-4

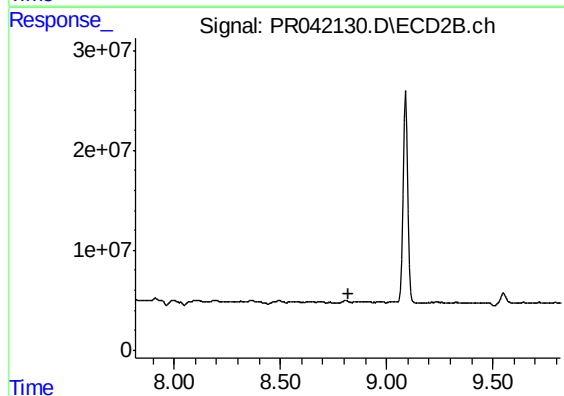
R.T.: 0.000 min
Exp R.T. : 8.500 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.268 min
Delta R.T.: -0.005 min
Response: 1801416
Conc: 1.38 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AA8



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.818 min
Response: 0
Conc: N.D.