

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR120820\
 Data File : PR048893.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Dec 2020 12:53
 Operator : DD\AJ
 Sample : AR1221CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12213068

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 09 01:24:28 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR113020CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 01 06:11:17 2020
 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...	4.692	3.848	50824056	95738352	19.232	22.507
2)	SA Decachlor...	10.599	8.919	99705667	334.1E6	37.996	38.978
Target Compounds							
3)	L1 AR-1016-1	5.868	4.932	2798655	2097785	28.463	29.063
4)	L1 AR-1016-2	5.891	4.950	4180301	4654359	29.488	30.333
5)	L1 AR-1016-3	5.955	5.128	2908659	2363539	33.465	27.621
6)	L1 AR-1016-4	6.052	5.128f	1881438	2363539	26.390	63.587 #
7)	L1 AR-1016-5	6.350	0.000	677827	0	9.642	N.D. #
8)	L2 AR-1221-1	4.900	4.059	11465796	16285576	365.440	401.314
9)	L2 AR-1221-2	4.988	4.144	8106487	13480233	362.690	375.667
10)	L2 AR-1221-3	5.066	4.220	26462467	42905057	362.594	390.470
11)	L3 AR-1232-1	5.066	4.220	26462467	42905057	437.605	475.841
12)	L3 AR-1232-2	5.600	4.950	2545614	4654359	81.934	64.842
13)	L3 AR-1232-3	5.891	5.128	4180301	2363539	64.992	60.228
14)	L3 AR-1232-4	6.052	0.000	1881438	0	58.898	N.D. #
15)	L3 AR-1232-5	6.141	0.000	739638	0	29.894	N.D. #
16)	L4 AR-1242-1	5.868	4.932	2798655	2097785	34.047	33.778
17)	L4 AR-1242-2	5.891	4.950	4180301	4654359	36.365	35.075
18)	L4 AR-1242-3	5.955	5.128	2908659	2363539	40.903	32.353
19)	L4 AR-1242-4	6.052	0.000	1881438	0	32.269	N.D. #
20)	L4 AR-1242-5	6.793	5.737	678376	438594	10.275	6.750 #
21)	L5 AR-1248-1	5.868	4.932	2798655	2097785	46.326	44.487
22)	L5 AR-1248-2	6.141	5.128f	739638	2363539	8.715	45.113 #
23)	L5 AR-1248-3	6.350	0.000	677827	0	7.354	N.D. #
24)	L5 AR-1248-4	6.751	0.000	699912	0	6.406	N.D. #
25)	L5 AR-1248-5	6.793	5.777	678376	513727	6.450	4.768 #
26)	L6 AR-1254-1	6.727	5.737	492762	438594	4.497	3.665
27)	L6 AR-1254-2	6.953	5.941f	793144	608055	4.761	4.926
28)	L6 AR-1254-3	7.310	0.000	63040	0	0.361	N.D. #
29)	L6 AR-1254-4	7.603	0.000	128914	0	0.954	N.D. #
30)	L6 AR-1254-5	8.024	0.000	274547	0	1.916	N.D. #
31)	L7 AR-1260-1	7.422f	0.000	48201	0	0.398	N.D. #
32)	L7 AR-1260-2	7.728	0.000	287134	0	1.912	N.D. #
33)	L7 AR-1260-3	0.000	6.768	0	129915	N.D.	0.462 #
34)	L7 AR-1260-4	8.323	0.000	53582	0	0.404	N.D. #
35)	L7 AR-1260-5	0.000	7.424f	0	27643	N.D.	0.020 #
36)	L8 AR-1262-1	8.024f	0.000	274547	0	1.635	N.D. #
37)	L8 AR-1262-2	0.000	7.424f	0	27643	N.D.	0.018 #
38)	L8 AR-1262-3	9.028	7.766	49688	500334	0.233	0.782 #
39)	L8 AR-1262-4	9.028f	7.831	49688	1442395	0.301	1.364 #
40)	L8 AR-1262-5	0.000	8.344	0	1527126	N.D.	3.737 #
41)	L9 AR-1268-1	9.028	7.766	49688	500334	0.134	0.256 #
42)	L9 AR-1268-2	9.028f	7.831	49688	1442395	0.143	0.844 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 09 01:24:28 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR113020CLP.M
 Quant Title : GC EXTRACTABLES
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 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
43) L9	AR-1268-3	9.340	8.041	418662	1170043	1.401	0.796 #
44) L9	AR-1268-4	0.000	8.344	0	1527126	N.D.	3.095 #
45) L9	AR-1268-5	10.238	8.651	701263	2041818	0.693	0.515 #

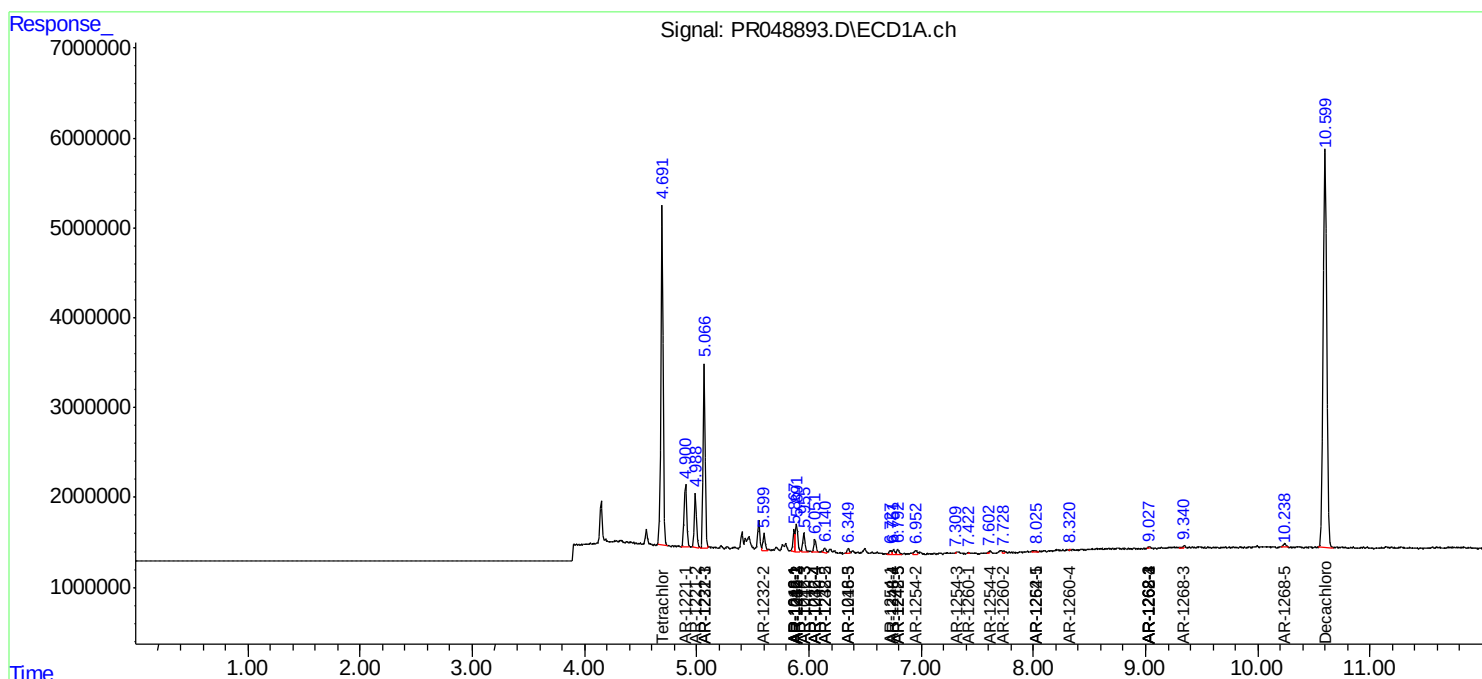
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

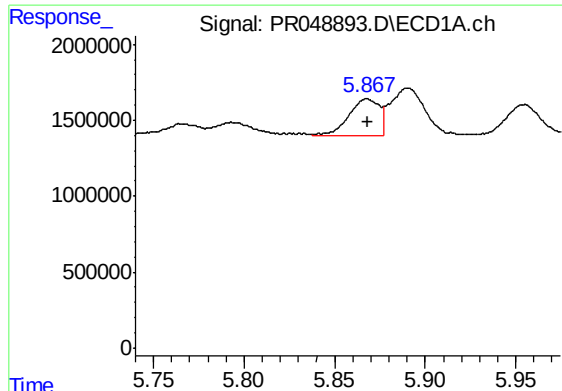
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR120820\
Data File : PR048893.D
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

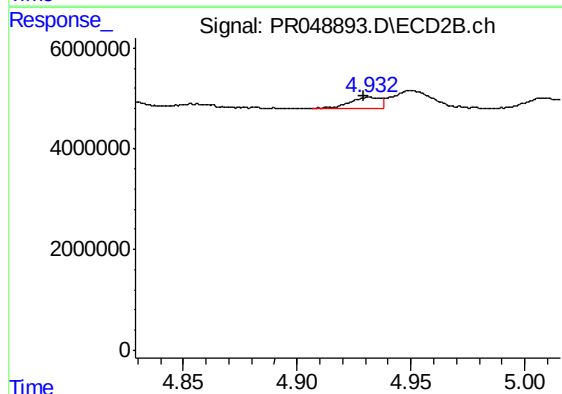




#3 AR-1016-1

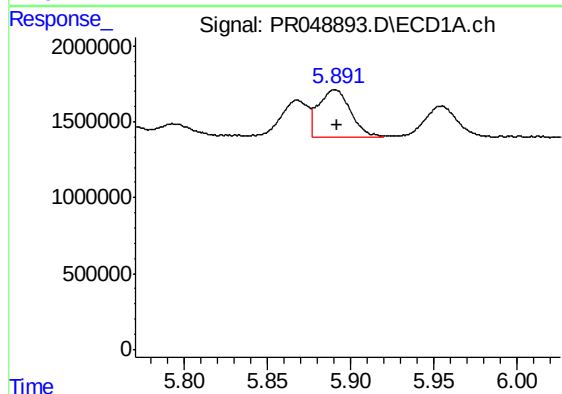
R.T.: 5.868 min
Delta R.T.: 0.000 min
Response: 2798655
Conc: 28.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12213068



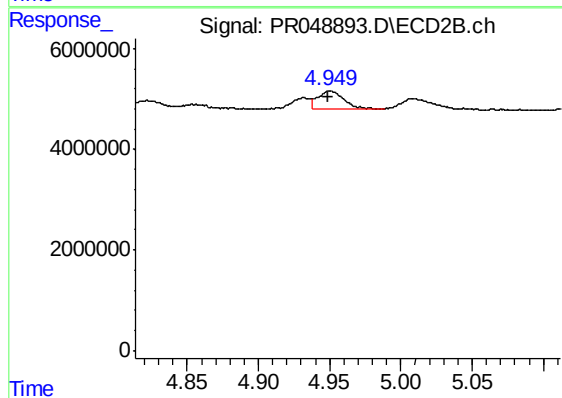
#3 AR-1016-1

R.T.: 4.932 min
Delta R.T.: 0.003 min
Response: 2097785
Conc: 29.06 ng/ml



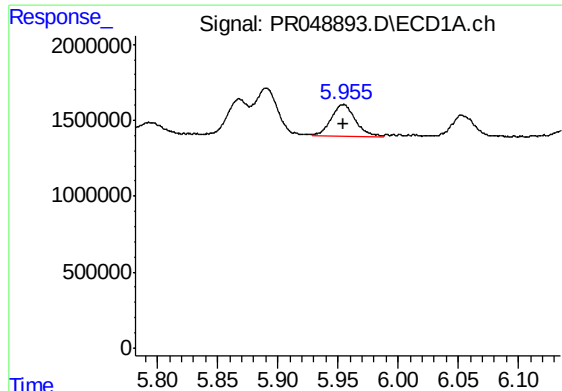
#4 AR-1016-2

R.T.: 5.891 min
Delta R.T.: -0.001 min
Response: 4180301
Conc: 29.49 ng/ml



#4 AR-1016-2

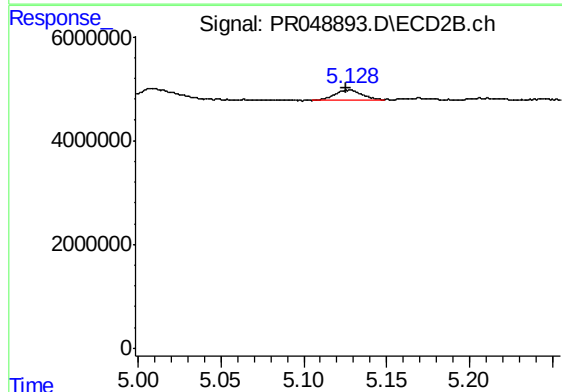
R.T.: 4.950 min
Delta R.T.: 0.001 min
Response: 4654359
Conc: 30.33 ng/ml



#5 AR-1016-3

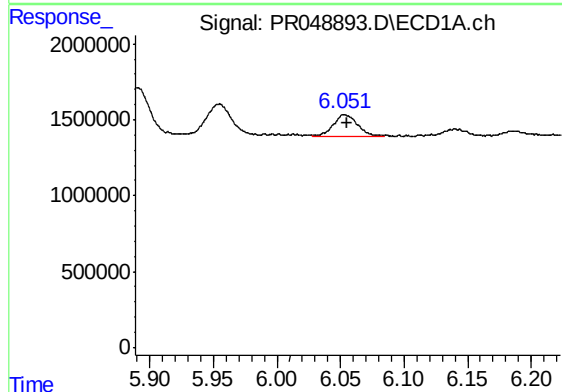
R.T.: 5.955 min
Delta R.T.: 0.000 min
Response: 2908659
Conc: 33.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12213068



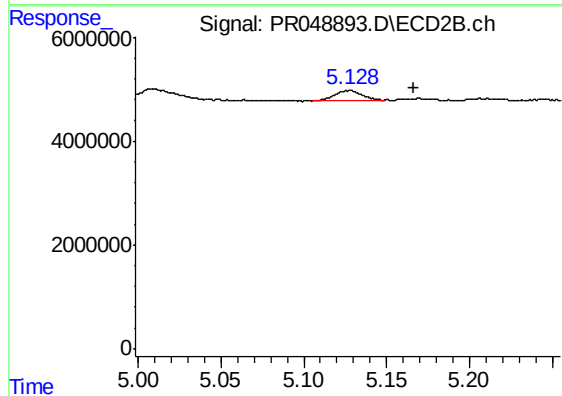
#5 AR-1016-3

R.T.: 5.128 min
Delta R.T.: 0.002 min
Response: 2363539
Conc: 27.62 ng/ml



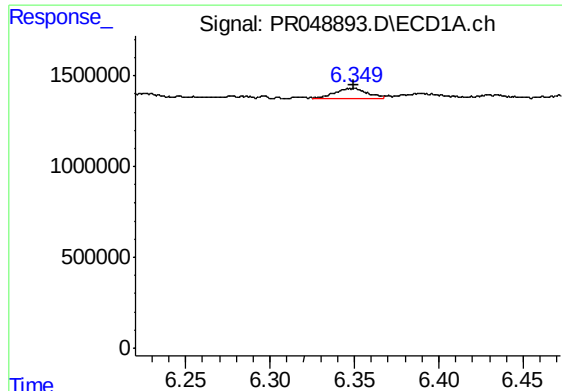
#6 AR-1016-4

R.T.: 6.052 min
Delta R.T.: -0.003 min
Response: 1881438
Conc: 26.39 ng/ml



#6 AR-1016-4

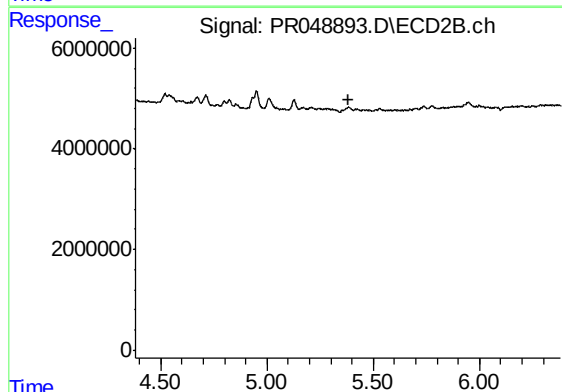
R.T.: 5.128 min
Delta R.T.: -0.038 min
Response: 2363539
Conc: 63.59 ng/ml



#7 AR-1016-5

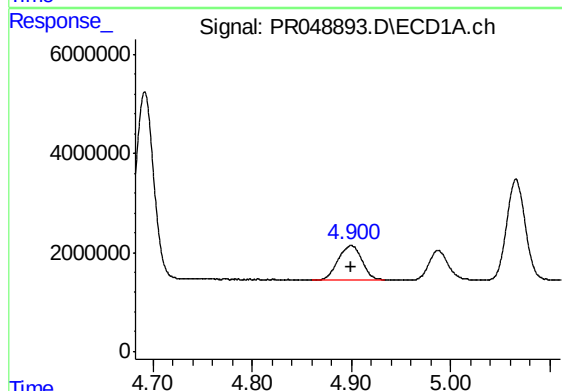
R.T.: 6.350 min
Delta R.T.: 0.000 min
Response: 677827
Conc: 9.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12213068



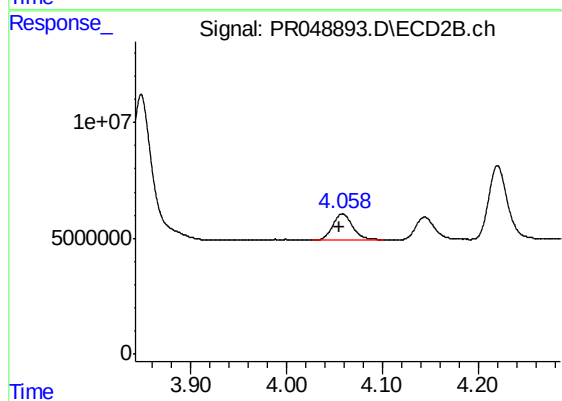
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.381 min
Response: 0
Conc: N.D.



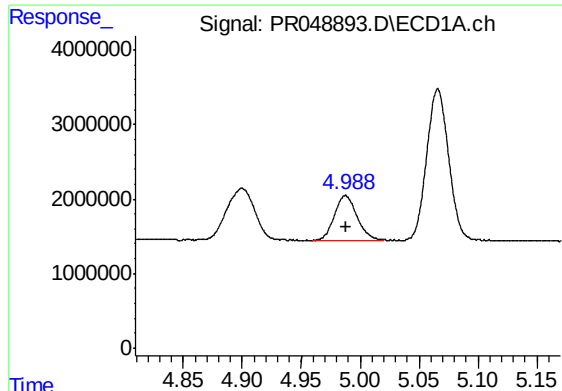
#8 AR-1221-1

R.T.: 4.900 min
Delta R.T.: 0.000 min
Response: 11465796
Conc: 365.44 ng/ml



#8 AR-1221-1

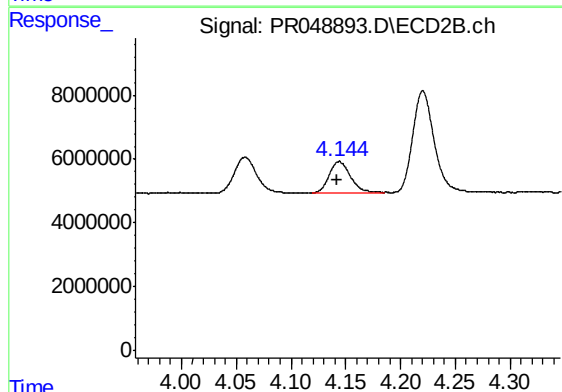
R.T.: 4.059 min
Delta R.T.: 0.003 min
Response: 16285576
Conc: 401.31 ng/ml



#9 AR-1221-2

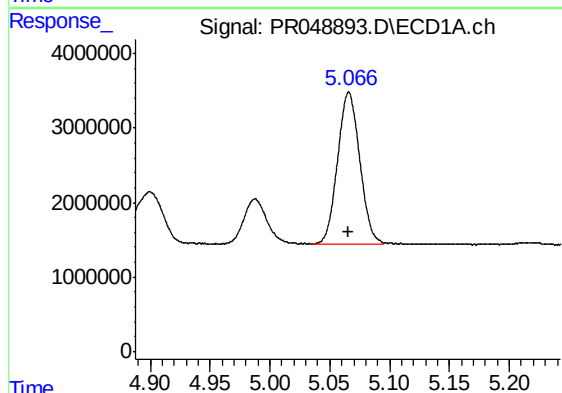
R.T.: 4.988 min
Delta R.T.: 0.000 min
Response: 8106487
Conc: 362.69 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12213068



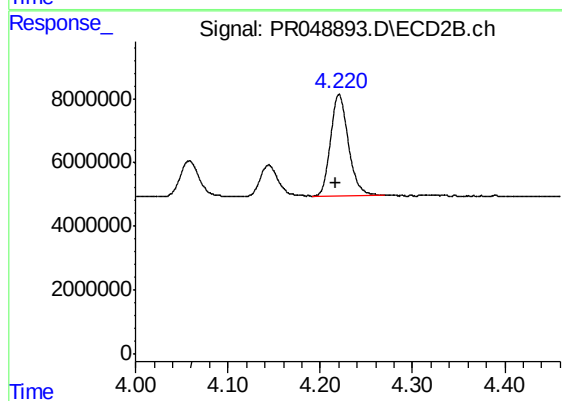
#9 AR-1221-2

R.T.: 4.144 min
Delta R.T.: 0.003 min
Response: 13480233
Conc: 375.67 ng/ml



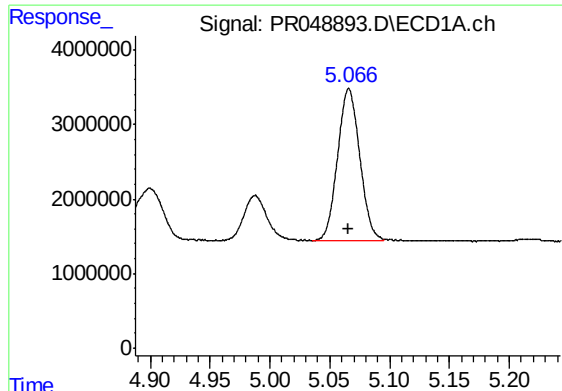
#10 AR-1221-3

R.T.: 5.066 min
Delta R.T.: 0.000 min
Response: 26462467
Conc: 362.59 ng/ml



#10 AR-1221-3

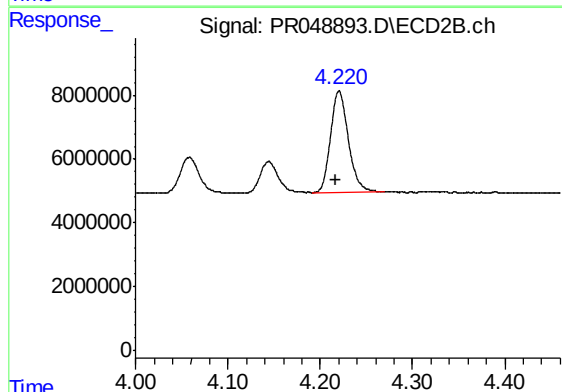
R.T.: 4.220 min
Delta R.T.: 0.003 min
Response: 42905057
Conc: 390.47 ng/ml



#11 AR-1232-1

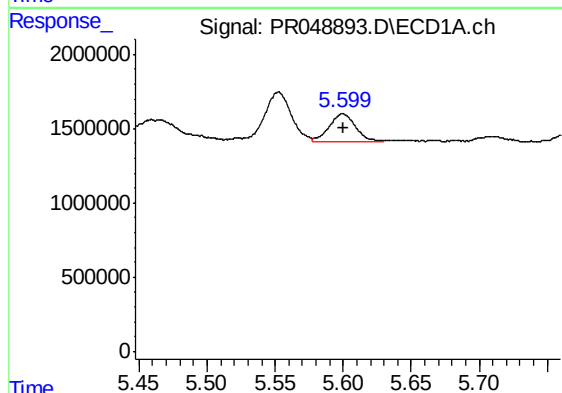
R.T.: 5.066 min
Delta R.T.: 0.000 min
Response: 26462467
Conc: 437.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12213068



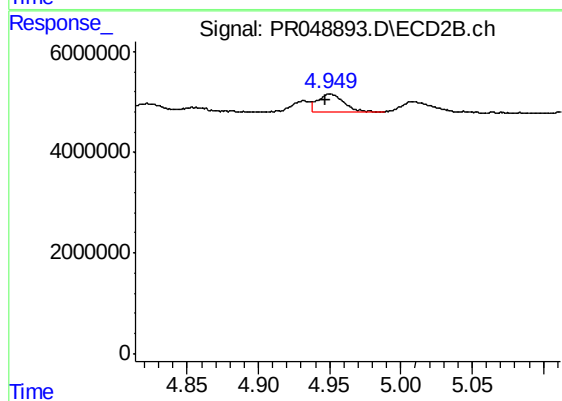
#11 AR-1232-1

R.T.: 4.220 min
Delta R.T.: 0.004 min
Response: 42905057
Conc: 475.84 ng/ml



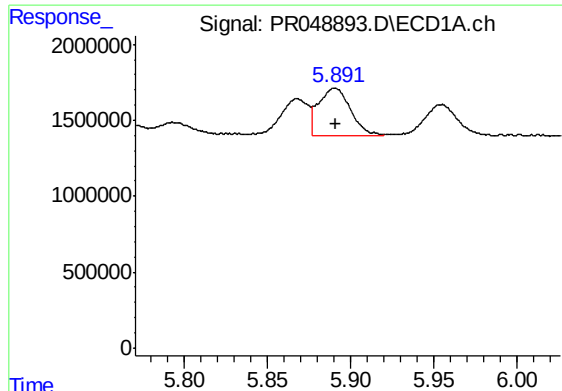
#12 AR-1232-2

R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 2545614
Conc: 81.93 ng/ml



#12 AR-1232-2

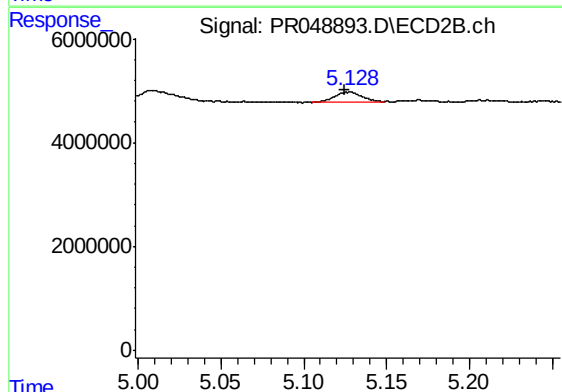
R.T.: 4.950 min
Delta R.T.: 0.002 min
Response: 4654359
Conc: 64.84 ng/ml



#13 AR-1232-3

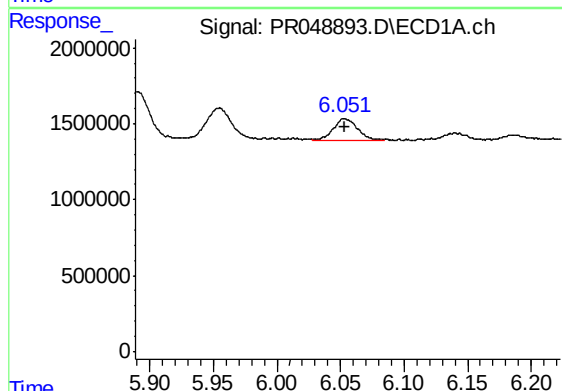
R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 4180301
Conc: 64.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12213068



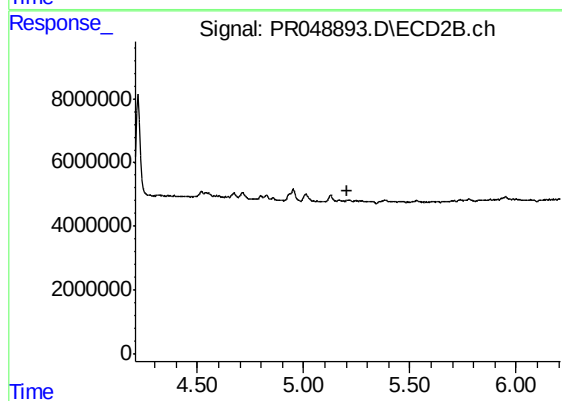
#13 AR-1232-3

R.T.: 5.128 min
Delta R.T.: 0.004 min
Response: 2363539
Conc: 60.23 ng/ml



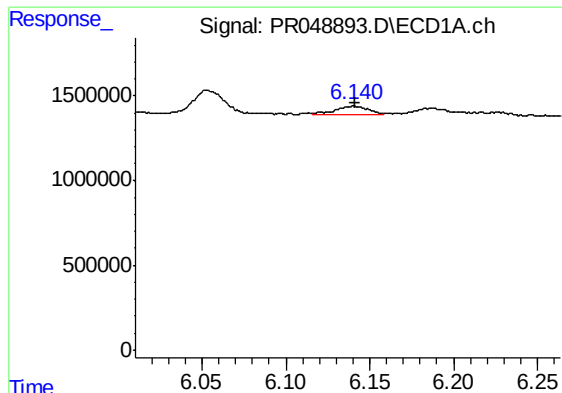
#14 AR-1232-4

R.T.: 6.052 min
Delta R.T.: 0.000 min
Response: 1881438
Conc: 58.90 ng/ml



#14 AR-1232-4

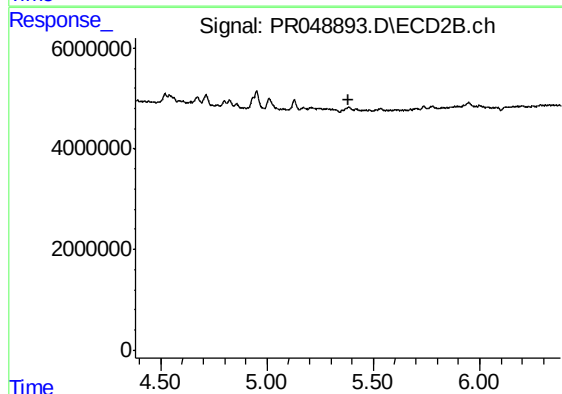
R.T.: 0.000 min
Exp R.T. : 5.208 min
Response: 0
Conc: N.D.



#15 AR-1232-5

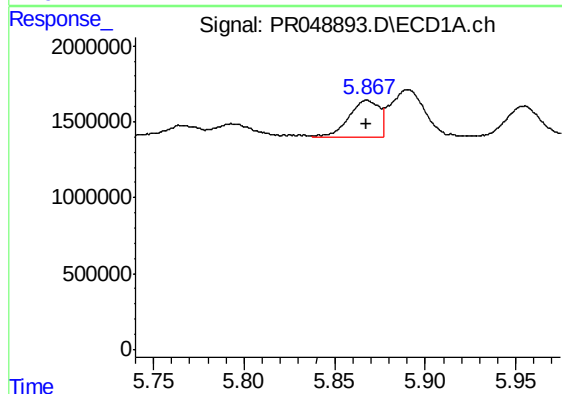
R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 739638
Conc: 29.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12213068



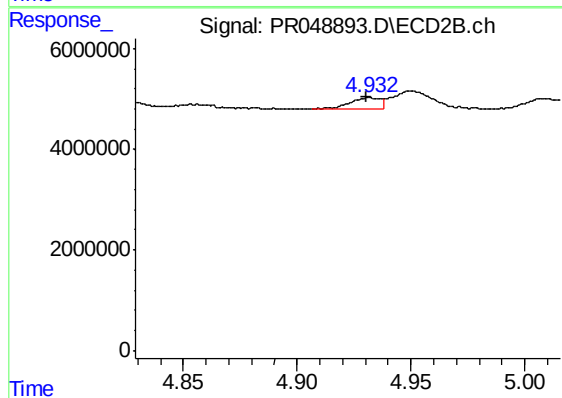
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.380 min
Response: 0
Conc: N.D.



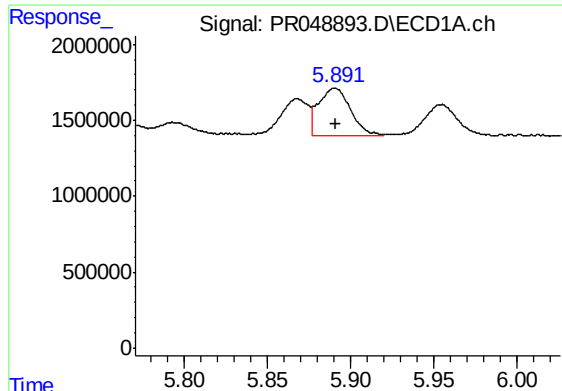
#16 AR-1242-1

R.T.: 5.868 min
Delta R.T.: 0.000 min
Response: 2798655
Conc: 34.05 ng/ml



#16 AR-1242-1

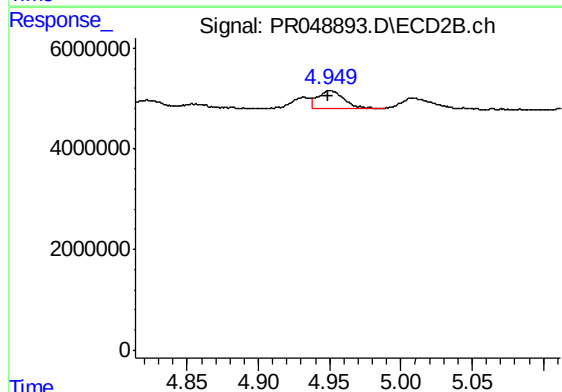
R.T.: 4.932 min
Delta R.T.: 0.002 min
Response: 2097785
Conc: 33.78 ng/ml



#17 AR-1242-2

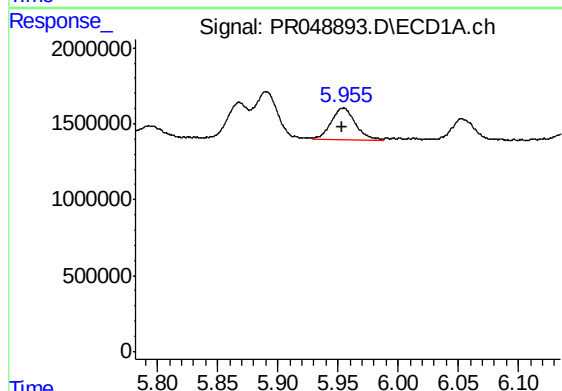
R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 4180301
Conc: 36.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12213068



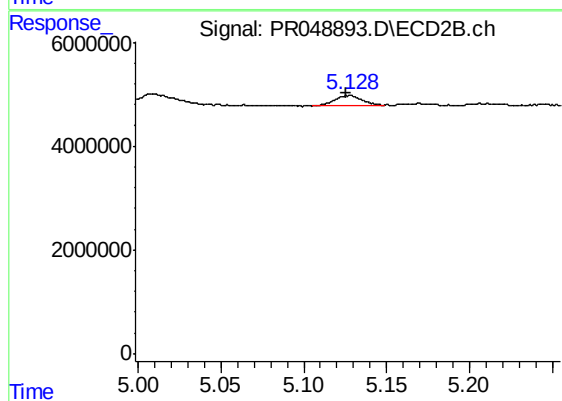
#17 AR-1242-2

R.T.: 4.950 min
Delta R.T.: 0.001 min
Response: 4654359
Conc: 35.07 ng/ml



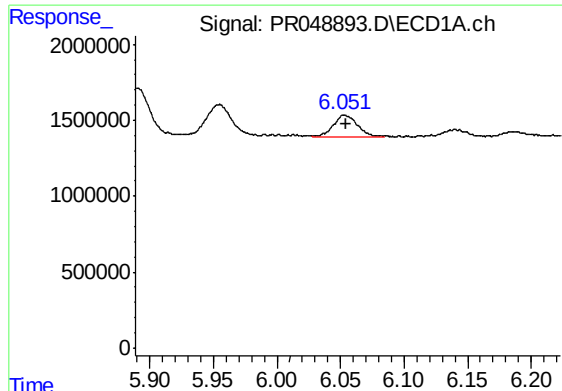
#18 AR-1242-3

R.T.: 5.955 min
Delta R.T.: 0.001 min
Response: 2908659
Conc: 40.90 ng/ml



#18 AR-1242-3

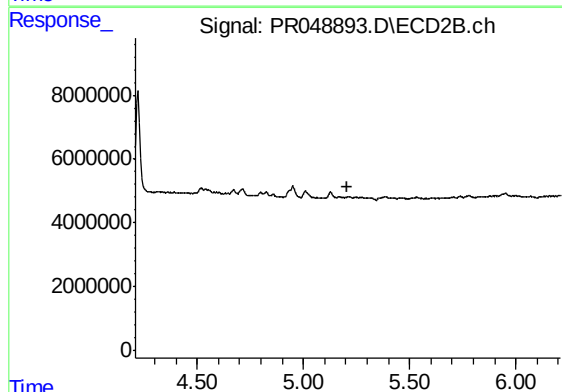
R.T.: 5.128 min
Delta R.T.: 0.003 min
Response: 2363539
Conc: 32.35 ng/ml



#19 AR-1242-4

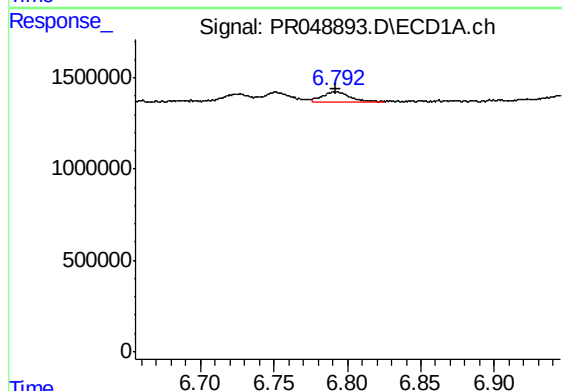
R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 1881438
Conc: 32.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12213068



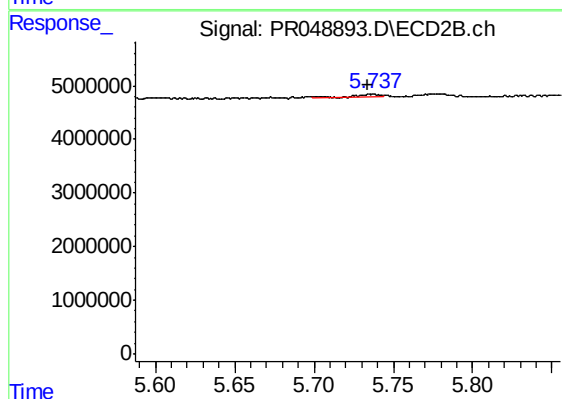
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.209 min
Response: 0
Conc: N.D.



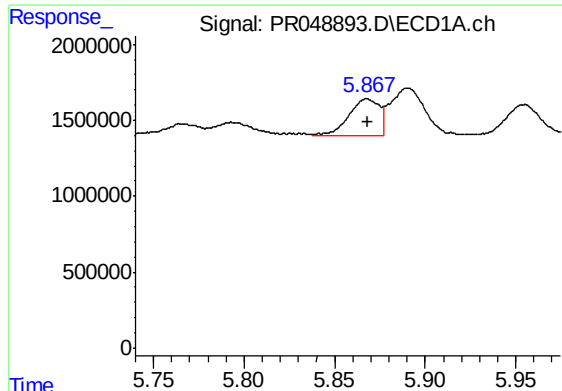
#20 AR-1242-5

R.T.: 6.793 min
Delta R.T.: 0.001 min
Response: 678376
Conc: 10.27 ng/ml



#20 AR-1242-5

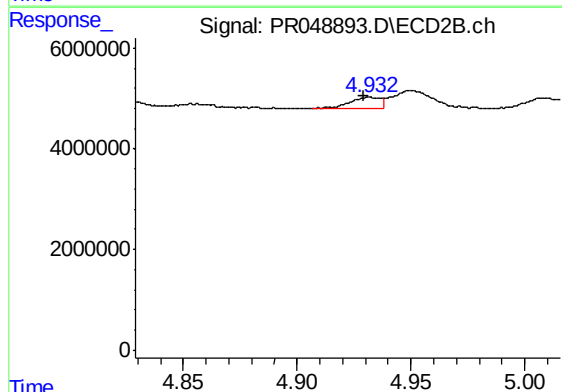
R.T.: 5.737 min
Delta R.T.: 0.004 min
Response: 438594
Conc: 6.75 ng/ml



#21 AR-1248-1

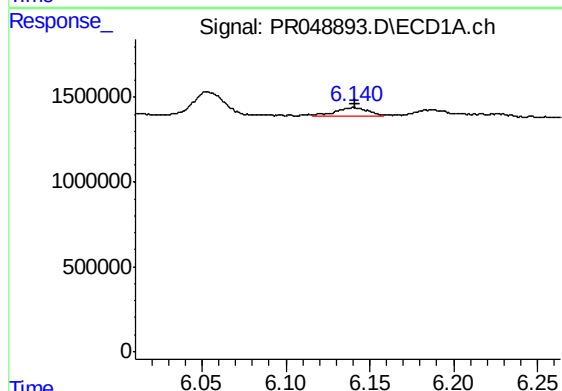
R.T.: 5.868 min
Delta R.T.: 0.000 min
Response: 2798655
Conc: 46.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12213068



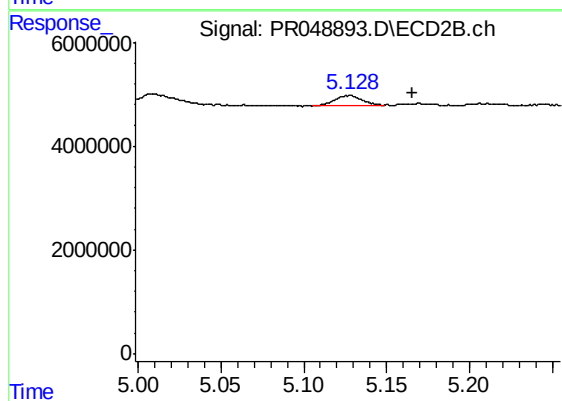
#21 AR-1248-1

R.T.: 4.932 min
Delta R.T.: 0.002 min
Response: 2097785
Conc: 44.49 ng/ml



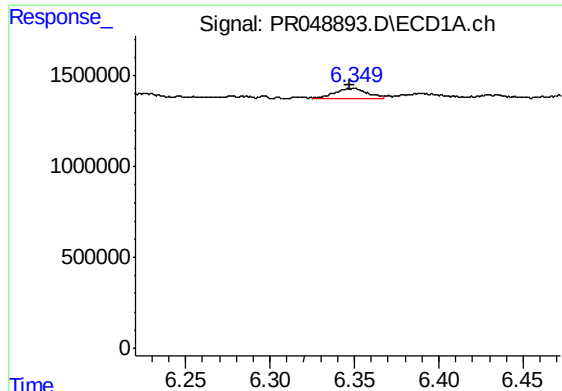
#22 AR-1248-2

R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 739638
Conc: 8.71 ng/ml



#22 AR-1248-2

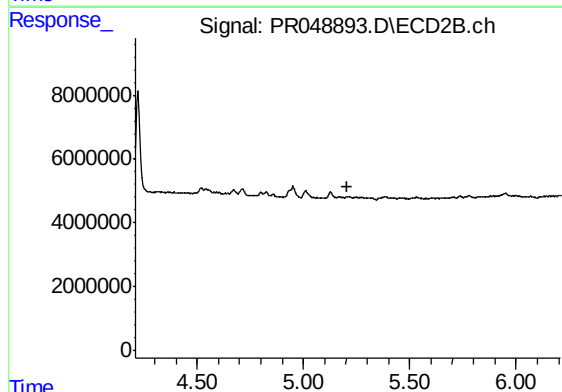
R.T.: 5.128 min
Delta R.T.: -0.038 min
Response: 2363539
Conc: 45.11 ng/ml



#23 AR-1248-3

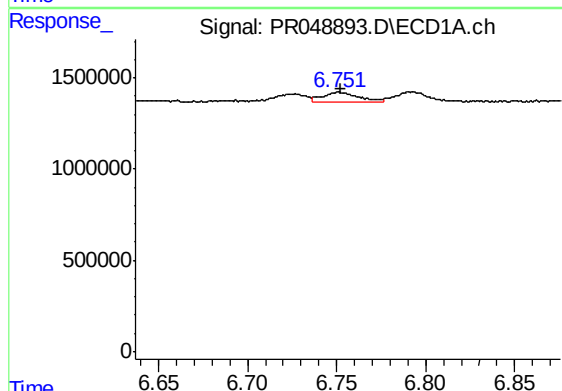
R.T.: 6.350 min
Delta R.T.: 0.002 min
Response: 677827
Conc: 7.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12213068



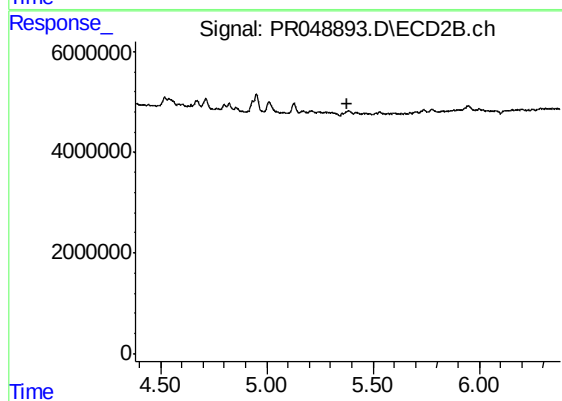
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.209 min
Response: 0
Conc: N.D.



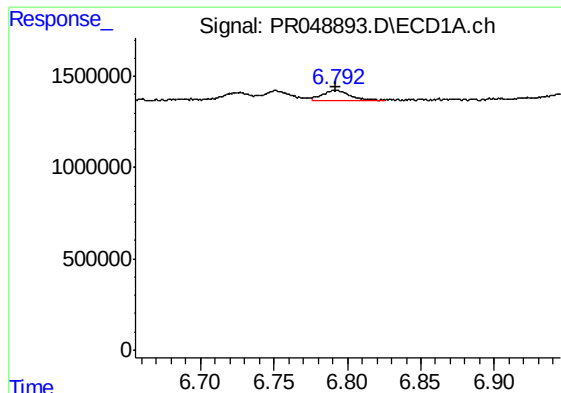
#24 AR-1248-4

R.T.: 6.751 min
Delta R.T.: 0.000 min
Response: 699912
Conc: 6.41 ng/ml



#24 AR-1248-4

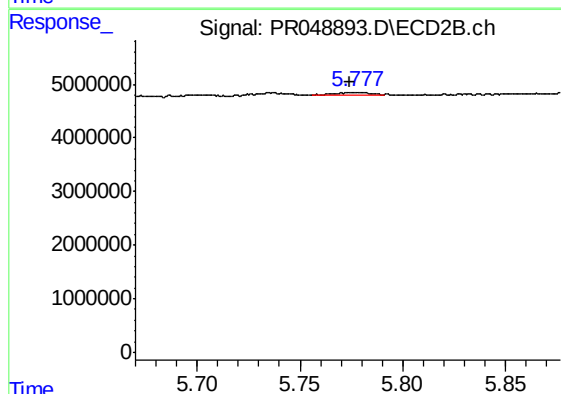
R.T.: 0.000 min
Exp R.T. : 5.381 min
Response: 0
Conc: N.D.



#25 AR-1248-5

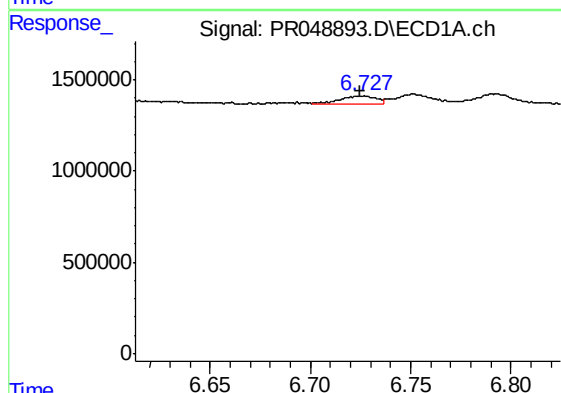
R.T.: 6.793 min
Delta R.T.: 0.002 min
Response: 678376
Conc: 6.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12213068



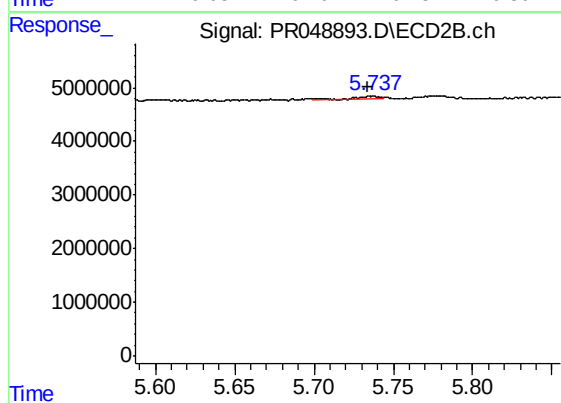
#25 AR-1248-5

R.T.: 5.777 min
Delta R.T.: 0.003 min
Response: 513727
Conc: 4.77 ng/ml



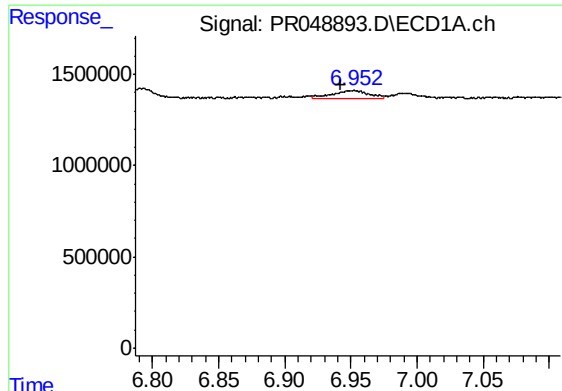
#26 AR-1254-1

R.T.: 6.727 min
Delta R.T.: 0.002 min
Response: 492762
Conc: 4.50 ng/ml



#26 AR-1254-1

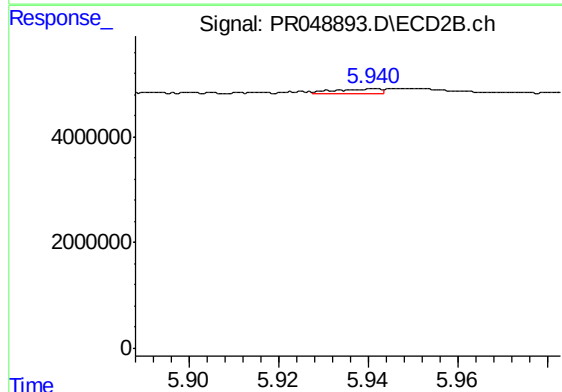
R.T.: 5.737 min
Delta R.T.: 0.003 min
Response: 438594
Conc: 3.66 ng/ml



#27 AR-1254-2

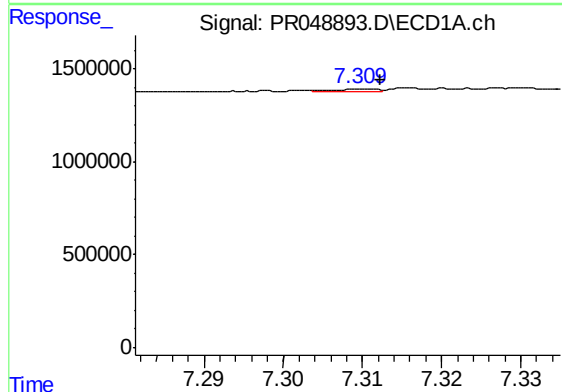
R.T.: 6.953 min
Delta R.T.: 0.010 min
Response: 793144
Conc: 4.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12213068



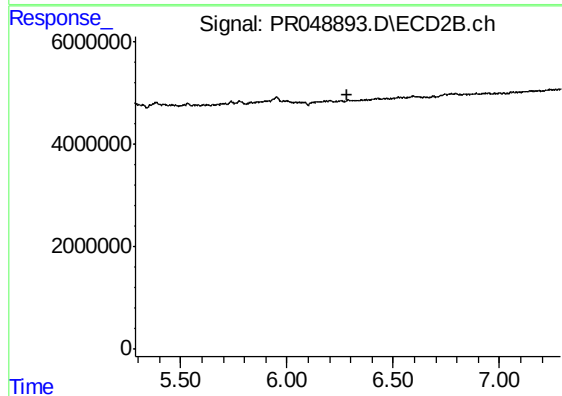
#27 AR-1254-2

R.T.: 5.941 min
Delta R.T.: 0.060 min
Response: 608055
Conc: 4.93 ng/ml



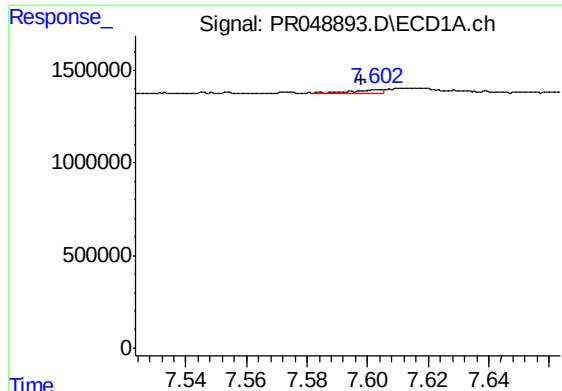
#28 AR-1254-3

R.T.: 7.310 min
Delta R.T.: -0.002 min
Response: 63040
Conc: 0.36 ng/ml



#28 AR-1254-3

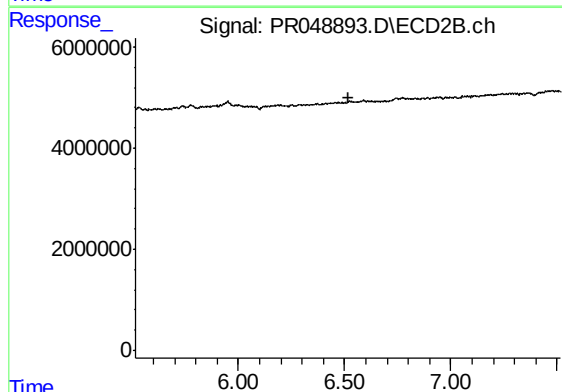
R.T.: 0.000 min
Exp R.T. : 6.286 min
Response: 0
Conc: N.D.



#29 AR-1254-4

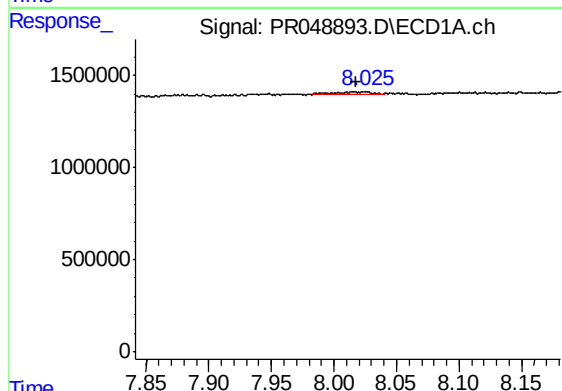
R.T.: 7.603 min
Delta R.T.: 0.005 min
Response: 128914
Conc: 0.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12213068



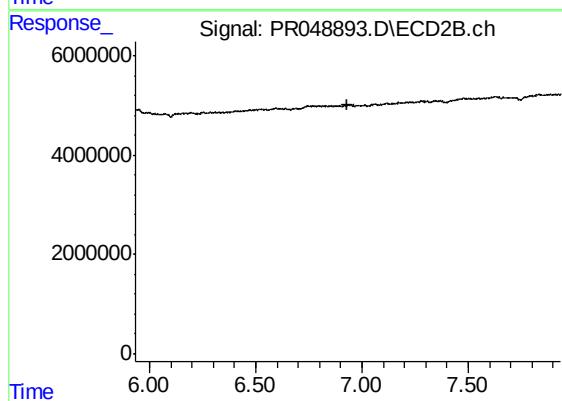
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.516 min
Response: 0
Conc: N.D.



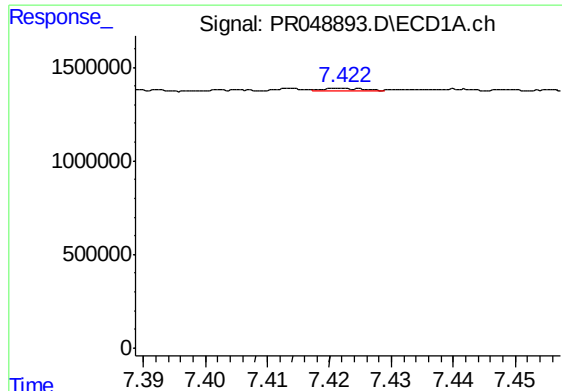
#30 AR-1254-5

R.T.: 8.024 min
Delta R.T.: 0.006 min
Response: 274547
Conc: 1.92 ng/ml



#30 AR-1254-5

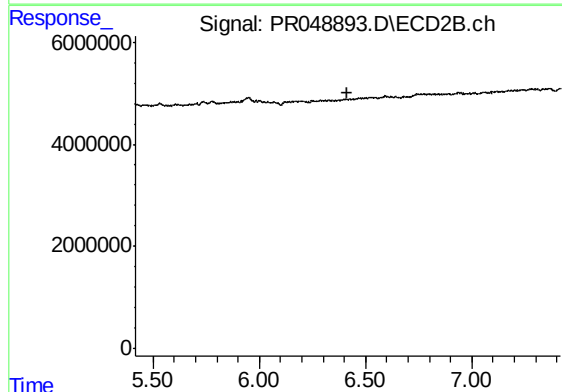
R.T.: 0.000 min
Exp R.T. : 6.934 min
Response: 0
Conc: N.D.



#31 AR-1260-1

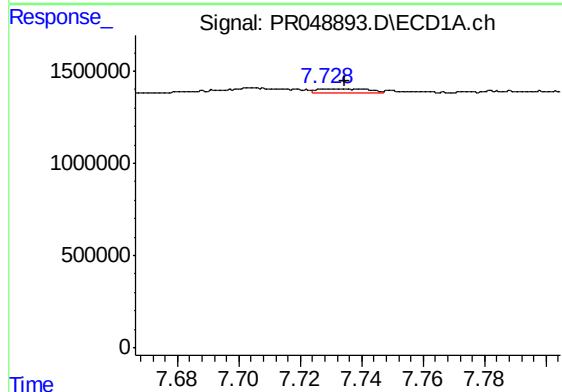
R.T.: 7.422 min
Delta R.T.: -0.056 min
Response: 48201
Conc: 0.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12213068



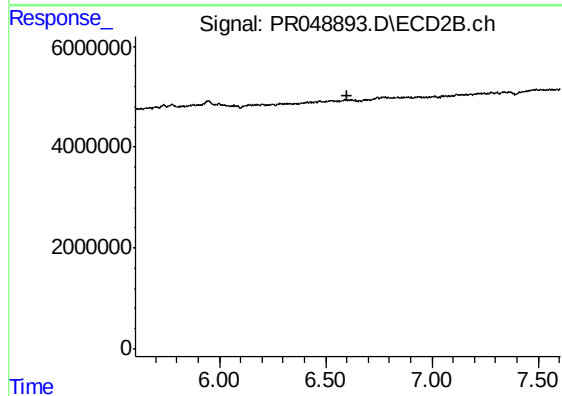
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.417 min
Response: 0
Conc: N.D.



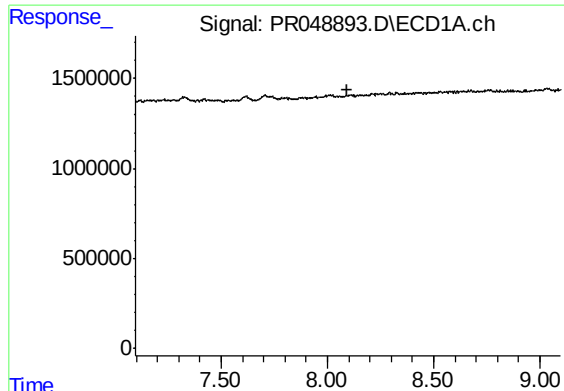
#32 AR-1260-2

R.T.: 7.728 min
Delta R.T.: -0.006 min
Response: 287134
Conc: 1.91 ng/ml



#32 AR-1260-2

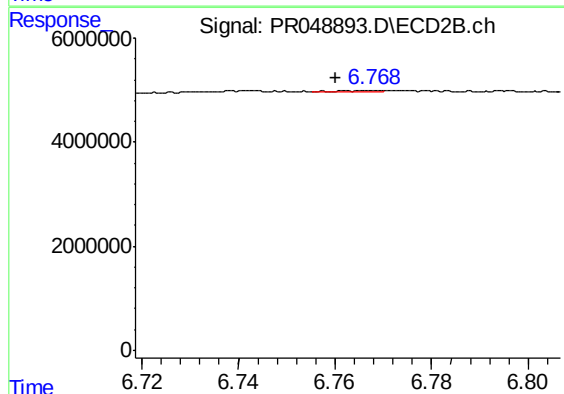
R.T.: 0.000 min
Exp R.T. : 6.605 min
Response: 0
Conc: N.D.



#33 AR-1260-3

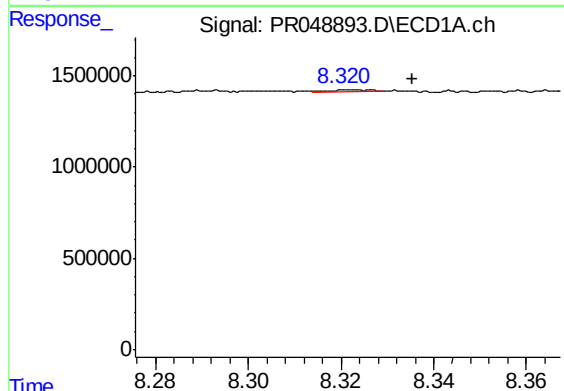
R.T.: 0.000 min
Exp R.T. : 8.096 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR12213068



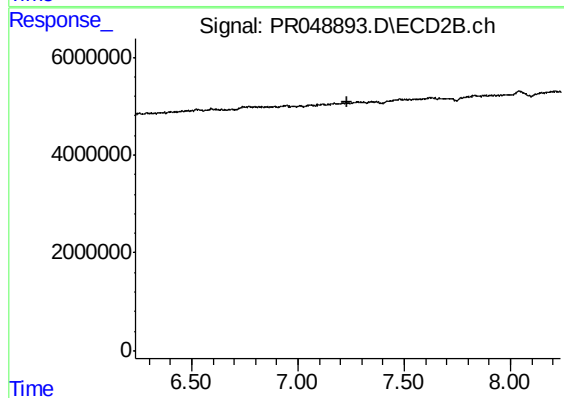
#33 AR-1260-3

R.T.: 6.768 min
Delta R.T.: 0.008 min
Response: 129915
Conc: 0.46 ng/ml



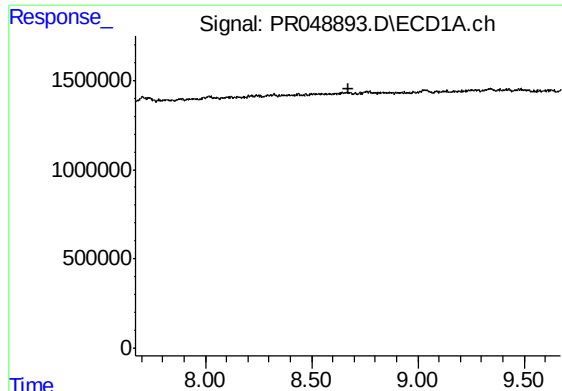
#34 AR-1260-4

R.T.: 8.323 min
Delta R.T.: -0.012 min
Response: 53582
Conc: 0.40 ng/ml



#34 AR-1260-4

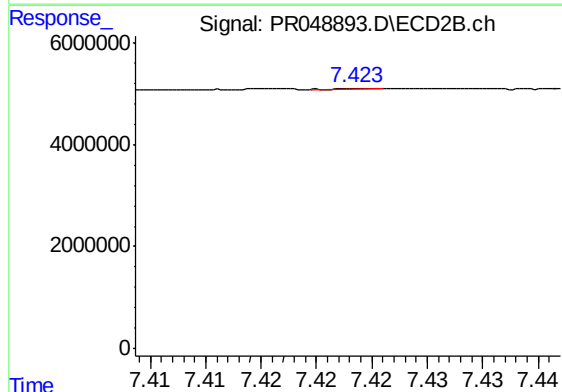
R.T.: 0.000 min
Exp R.T. : 7.235 min
Response: 0
Conc: N.D.



#35 AR-1260-5

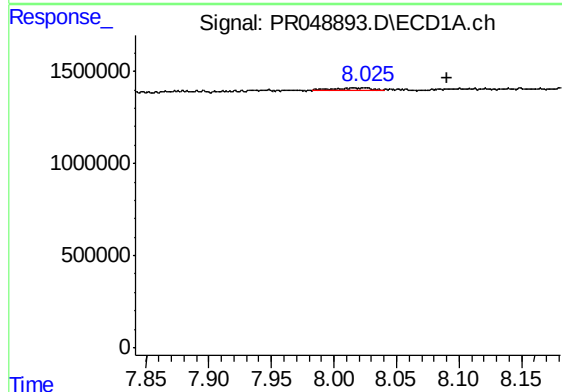
R.T.: 0.000 min
Exp R.T. : 8.671 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR12213068



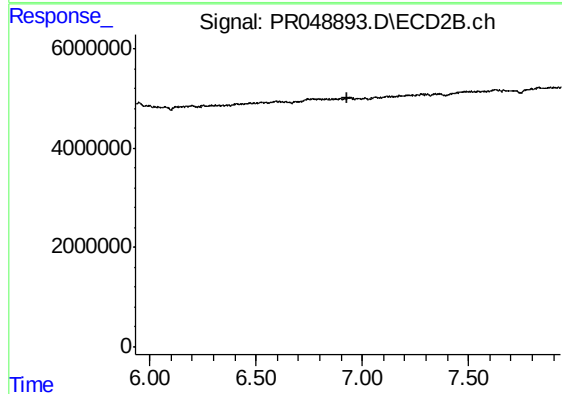
#35 AR-1260-5

R.T.: 7.424 min
Delta R.T.: -0.054 min
Response: 27643
Conc: 0.02 ng/ml



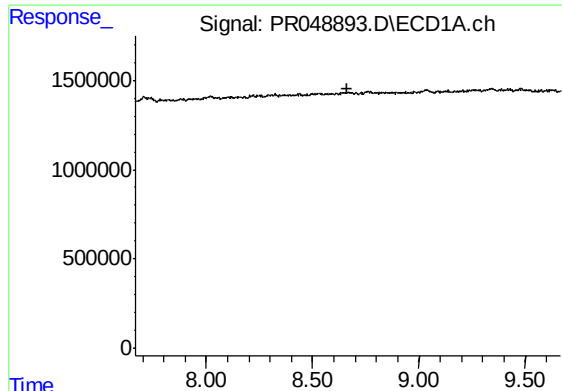
#36 AR-1262-1

R.T.: 8.024 min
Delta R.T.: -0.066 min
Response: 274547
Conc: 1.63 ng/ml



#36 AR-1262-1

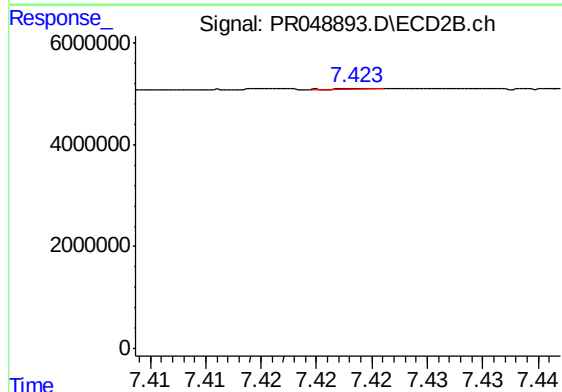
R.T.: 0.000 min
Exp R.T. : 6.933 min
Response: 0
Conc: N.D.



#37 AR-1262-2

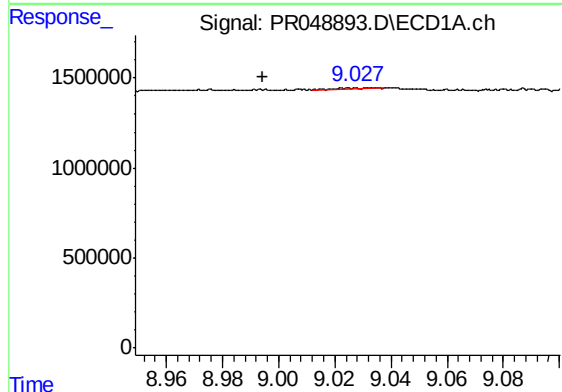
R.T.: 0.000 min
Exp R.T.: 8.666 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR12213068



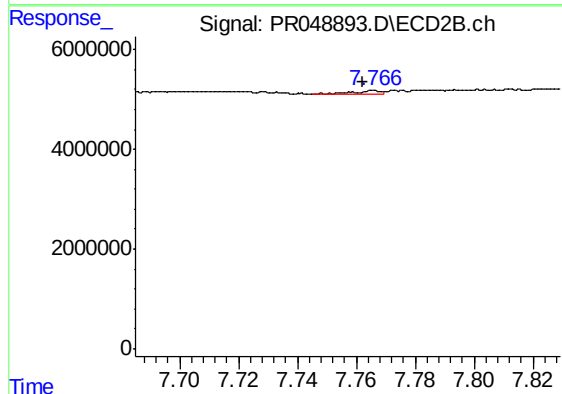
#37 AR-1262-2

R.T.: 7.424 min
Delta R.T.: -0.052 min
Response: 27643
Conc: 0.02 ng/ml



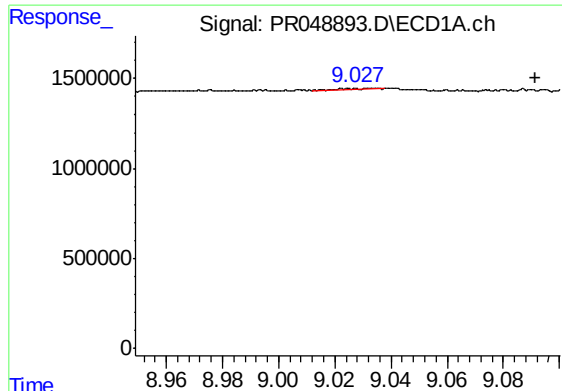
#38 AR-1262-3

R.T.: 9.028 min
Delta R.T.: 0.033 min
Response: 49688
Conc: 0.23 ng/ml



#38 AR-1262-3

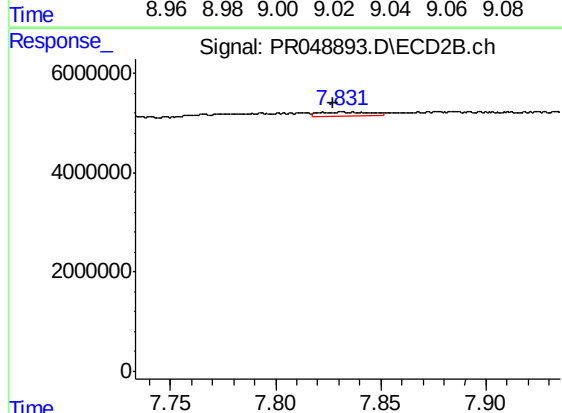
R.T.: 7.766 min
Delta R.T.: 0.004 min
Response: 500334
Conc: 0.78 ng/ml



#39 AR-1262-4

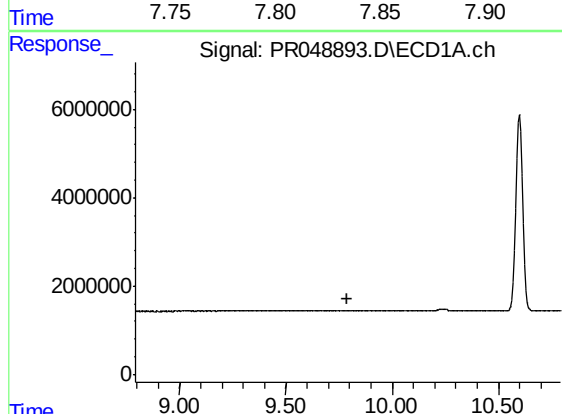
R.T.: 9.028 min
Delta R.T.: -0.064 min
Response: 49688
Conc: 0.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12213068



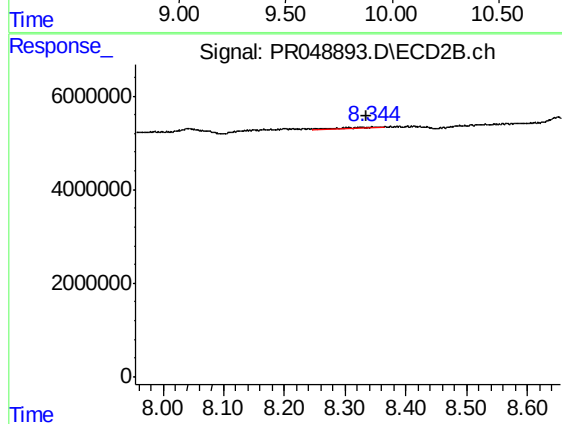
#39 AR-1262-4

R.T.: 7.831 min
Delta R.T.: 0.004 min
Response: 1442395
Conc: 1.36 ng/ml



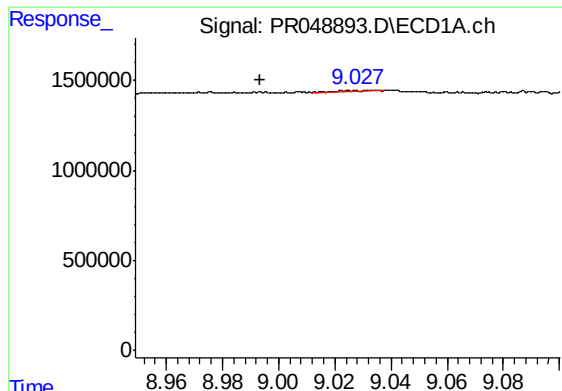
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.792 min
Response: 0
Conc: N.D.



#40 AR-1262-5

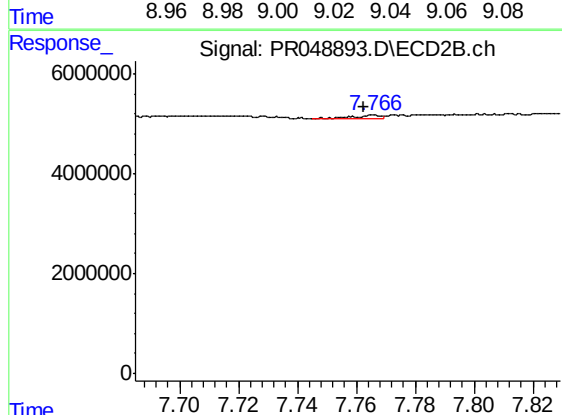
R.T.: 8.344 min
Delta R.T.: 0.009 min
Response: 1527126
Conc: 3.74 ng/ml



#41 AR-1268-1

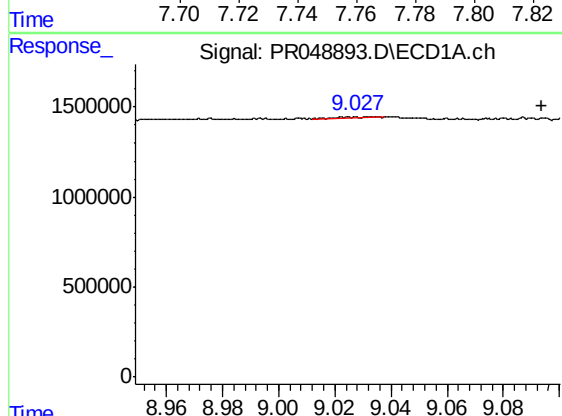
R.T.: 9.028 min
Delta R.T.: 0.034 min
Response: 49688
Conc: 0.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12213068



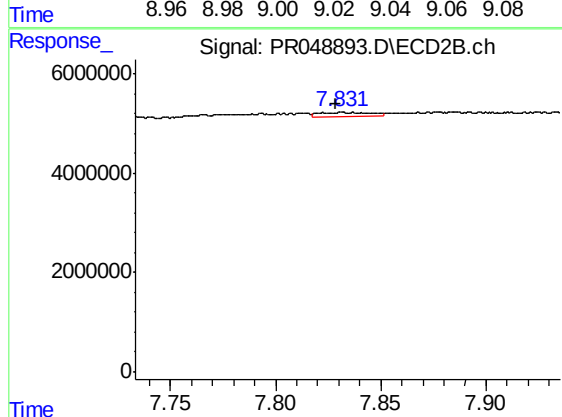
#41 AR-1268-1

R.T.: 7.766 min
Delta R.T.: 0.003 min
Response: 500334
Conc: 0.26 ng/ml



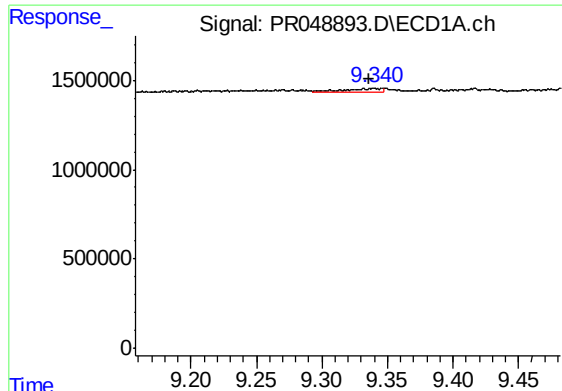
#42 AR-1268-2

R.T.: 9.028 min
Delta R.T.: -0.066 min
Response: 49688
Conc: 0.14 ng/ml



#42 AR-1268-2

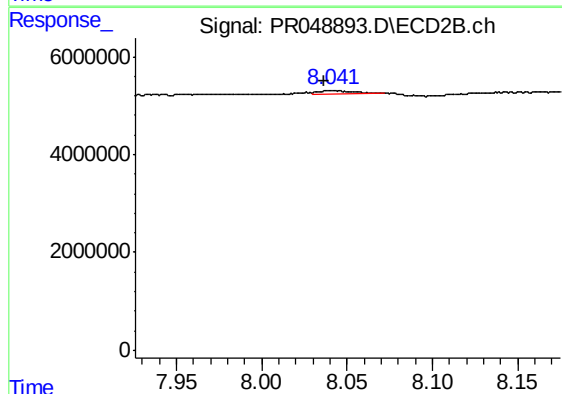
R.T.: 7.831 min
Delta R.T.: 0.003 min
Response: 1442395
Conc: 0.84 ng/ml



#43 AR-1268-3

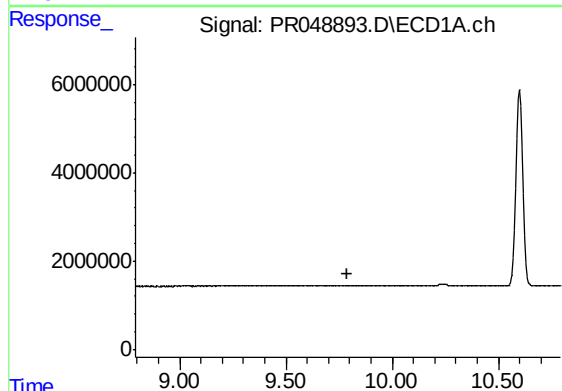
R.T.: 9.340 min
Delta R.T.: 0.004 min
Response: 418662
Conc: 1.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12213068



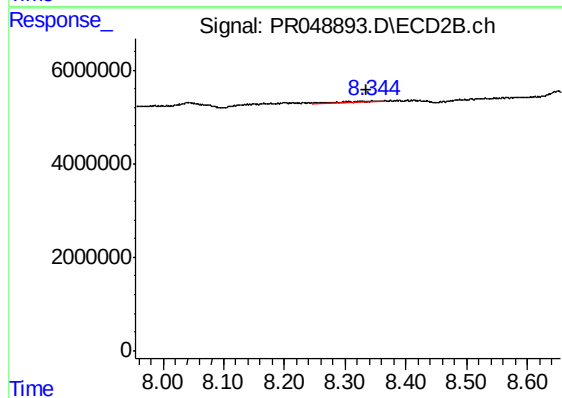
#43 AR-1268-3

R.T.: 8.041 min
Delta R.T.: 0.004 min
Response: 1170043
Conc: 0.80 ng/ml



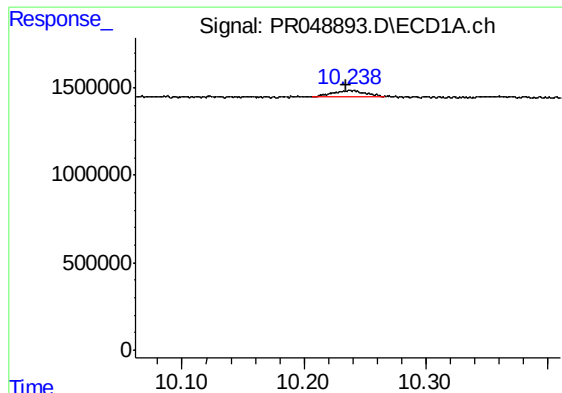
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.792 min
Response: 0
Conc: N.D.



#44 AR-1268-4

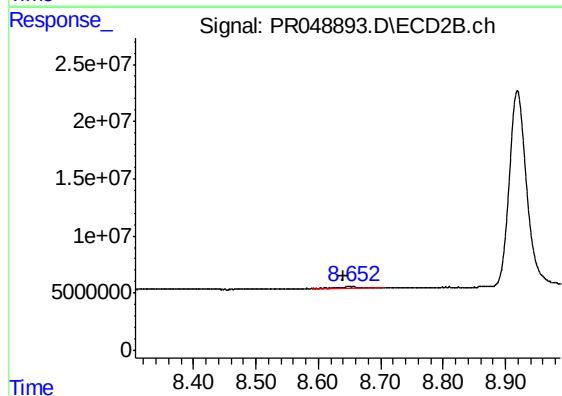
R.T.: 8.344 min
Delta R.T.: 0.009 min
Response: 1527126
Conc: 3.09 ng/ml



#45 AR-1268-5

R.T.: 10.238 min
Delta R.T.: 0.004 min
Response: 701263
Conc: 0.69 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12213068



#45 AR-1268-5

R.T.: 8.651 min
Delta R.T.: 0.010 min
Response: 2041818
Conc: 0.52 ng/ml