

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR110221\
 Data File : PR052454.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Nov 2021 21:25
 Operator : AJ\MA
 Sample : M4412-20
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 03 04:39:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101421CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 16 08:36:17 2021
 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...	4.691	3.858	76626546	59871210	19.507	20.962
2)	SA Decachlor...	10.627	8.868	125.7E6	123.7E6	35.796	36.376
Target Compounds							
3)	L1 AR-1016-1	5.880	4.954	50079	178687	0.412	2.041 #
4)	L1 AR-1016-2	5.892	4.954	95599	178687	0.552	1.331 #
5)	L1 AR-1016-3	5.972	0.000	81606	0	0.758	N.D. #
6)	L1 AR-1016-4	6.053	0.000	174784	0	1.983	N.D. #
7)	L1 AR-1016-5	6.371	0.000	224802	0	2.539	N.D. #
8)	L2 AR-1221-1	4.925	0.000	743666	0	16.221	N.D. #
9)	L2 AR-1221-2	5.005	4.156	1014816	738263	20.444	30.558 #
10)	L2 AR-1221-3	5.119f	4.219	43299	67518	0.373	0.786 #
11)	L3 AR-1232-1	5.119f	4.219	43299	67518	0.559	1.138 #
12)	L3 AR-1232-2	5.612	4.954	60289	178687	1.495	3.035 #
13)	L3 AR-1232-3	5.892	0.000	95599	0	1.279	N.D. #
14)	L3 AR-1232-4	6.053	0.000	174784	0	4.667	N.D. #
15)	L3 AR-1232-5	6.154	0.000	35114	0	1.138	N.D. #
16)	L4 AR-1242-1	5.880	4.954	50079	178687	0.503	2.539 #
17)	L4 AR-1242-2	5.892	4.954	95599	178687	0.680	1.670 #
18)	L4 AR-1242-3	5.972	0.000	81606	0	0.928	N.D. #
19)	L4 AR-1242-4	6.053	0.000	174784	0	2.452	N.D. #
20)	L4 AR-1242-5	6.800	5.711	64760	320303	0.849	4.661 #
21)	L5 AR-1248-1	5.880	4.954	50079	178687	0.686	3.430 #
22)	L5 AR-1248-2	6.154	0.000	35114	0	0.327	N.D. #
23)	L5 AR-1248-3	6.371	0.000	224802	0	1.928	N.D. #
24)	L5 AR-1248-4	6.800	0.000	64760	0	0.507	N.D. #
25)	L5 AR-1248-5	6.800	5.802	64760	294961	0.525	3.118 #
26)	L6 AR-1254-1	6.730	5.711	167949	320303	1.261	2.209 #
27)	L6 AR-1254-2	6.932	0.000	146712	0	0.710	N.D. #
28)	L6 AR-1254-3	7.323	6.232f	82279	48336	0.392	0.228 #
29)	L6 AR-1254-4	7.611	0.000	57822	0	0.367	N.D. #
30)	L6 AR-1254-5	8.024	6.932	180411	216566	1.045	1.183
31)	L7 AR-1260-1	7.500	0.000	36711	0	0.246	N.D. #
33)	L7 AR-1260-3	8.132	6.805f	190096	322536	1.340	2.175 #
34)	L7 AR-1260-4	8.308f	7.247	81161	304759	0.491	2.511 #
35)	L7 AR-1260-5	8.684	7.449	238220	290960	0.735	0.938 #
36)	L8 AR-1262-1	8.132	6.805f	190096	322536	0.919	2.553 #
37)	L8 AR-1262-2	8.684	7.449	238220	290960	0.634	0.855 #
38)	L8 AR-1262-3	9.006	7.749	169520	92494	1.001	0.663 #
39)	L8 AR-1262-4	9.115	7.806	22255	141476	0.188	0.526 #
40)	L8 AR-1262-5	9.787f	0.000	179011	0	1.208	N.D. #
41)	L9 AR-1268-1	9.006	7.749	169520	92494	0.382	0.232 #
42)	L9 AR-1268-2	9.115	7.806	22255	141476	0.055	0.364 #

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 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	9.355	8.012	205319	352078	0.586	1.034 #
44) L9	AR-1268-4	9.787f	0.000	179011	0	1.099	N.D. #
45) L9	AR-1268-5	10.265	8.604	1079552	916339	0.947	0.775

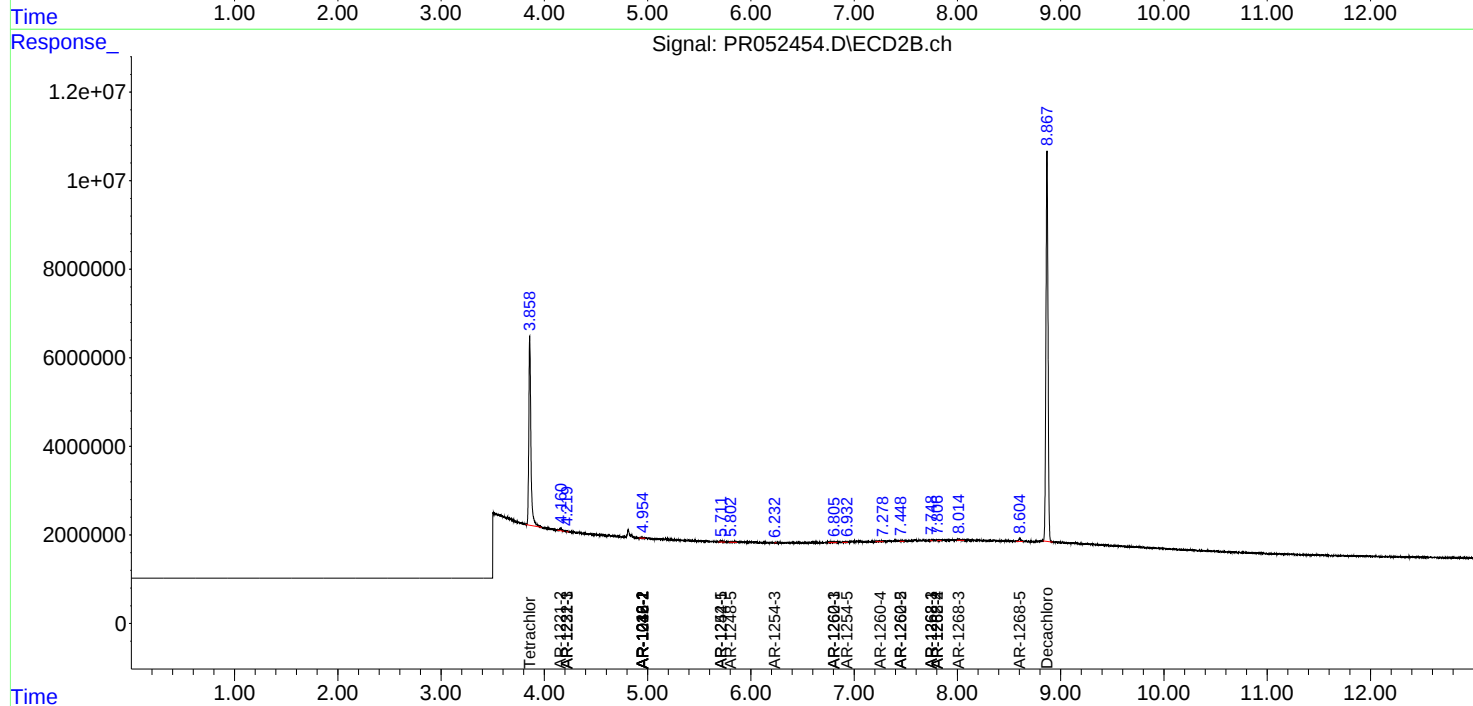
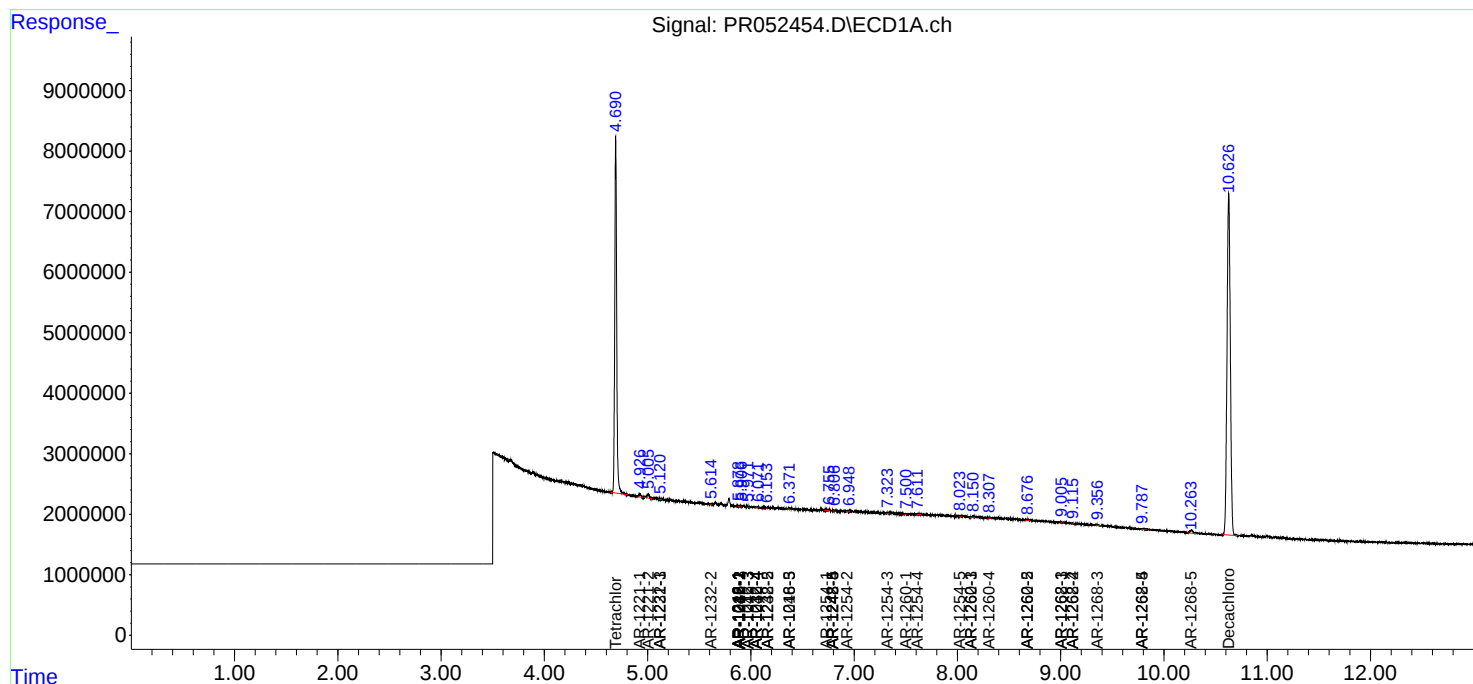
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

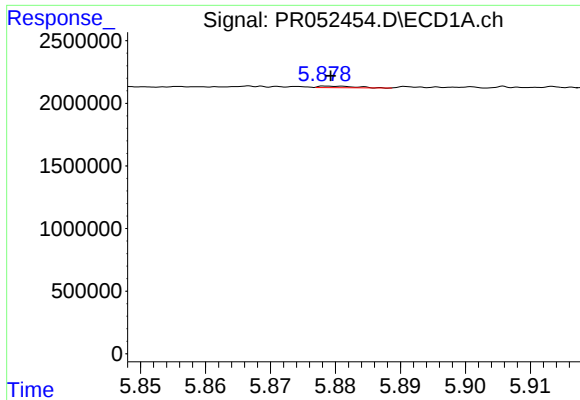
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

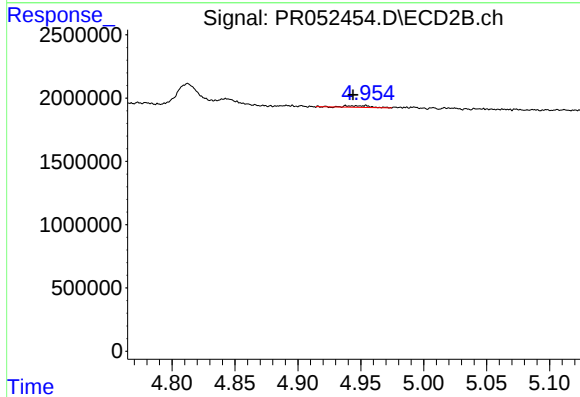




#3 AR-1016-1

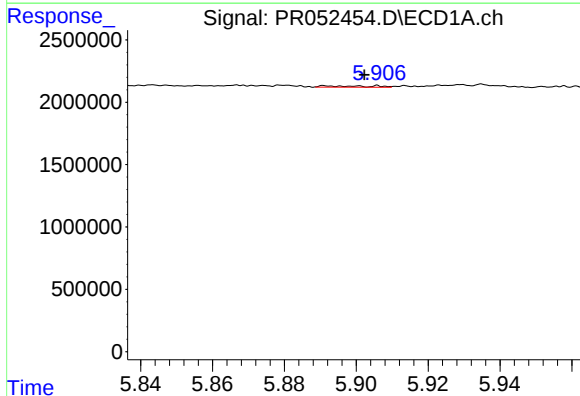
R.T.: 5.880 min
Delta R.T.: 0.000 min
Response: 50079
Conc: 0.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



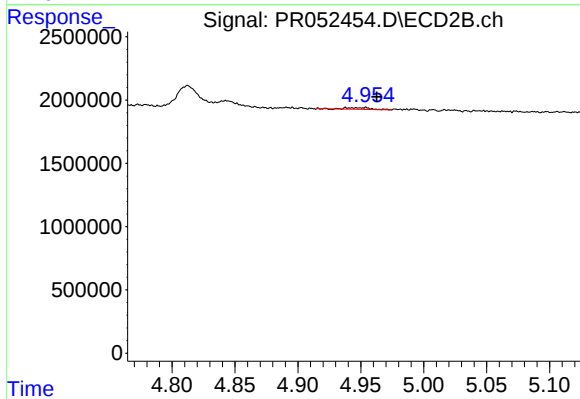
#3 AR-1016-1

R.T.: 4.954 min
Delta R.T.: 0.010 min
Response: 178687
Conc: 2.04 ng/ml



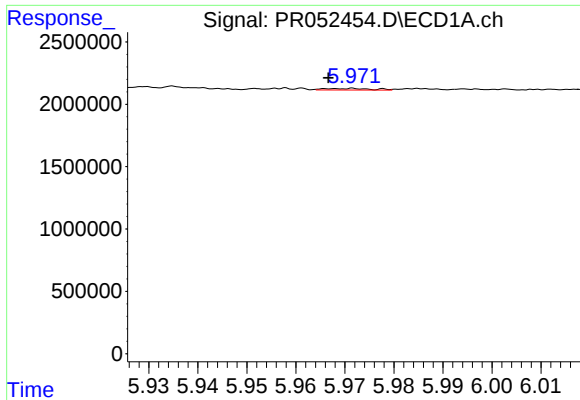
#4 AR-1016-2

R.T.: 5.892 min
Delta R.T.: -0.011 min
Response: 95599
Conc: 0.55 ng/ml



#4 AR-1016-2

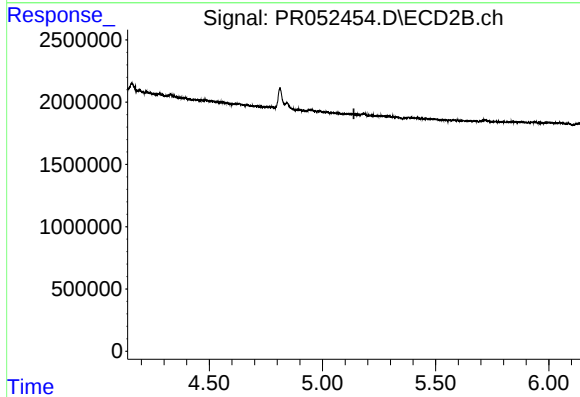
R.T.: 4.954 min
Delta R.T.: -0.009 min
Response: 178687
Conc: 1.33 ng/ml



#5 AR-1016-3

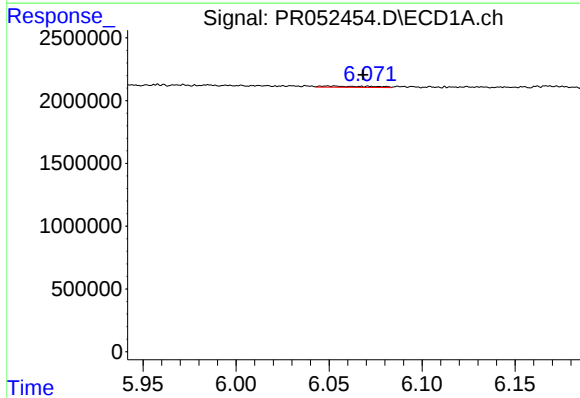
R.T.: 5.972 min
Delta R.T.: 0.005 min
Response: 81606
Conc: 0.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



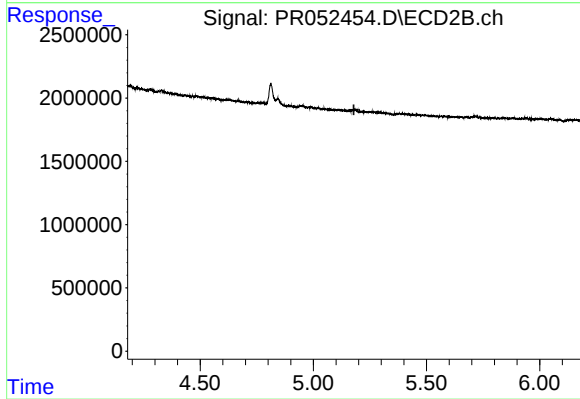
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.139 min
Response: 0
Conc: N.D.



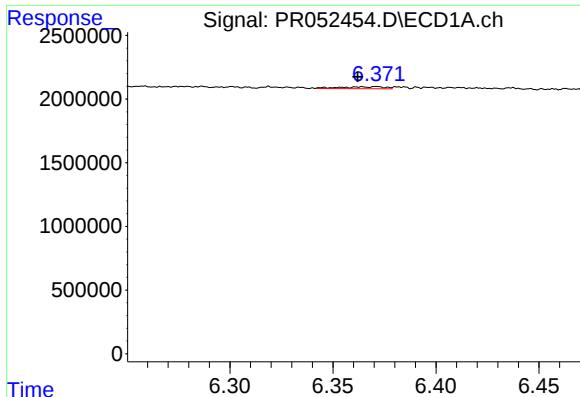
#6 AR-1016-4

R.T.: 6.053 min
Delta R.T.: -0.015 min
Response: 174784
Conc: 1.98 ng/ml



#6 AR-1016-4

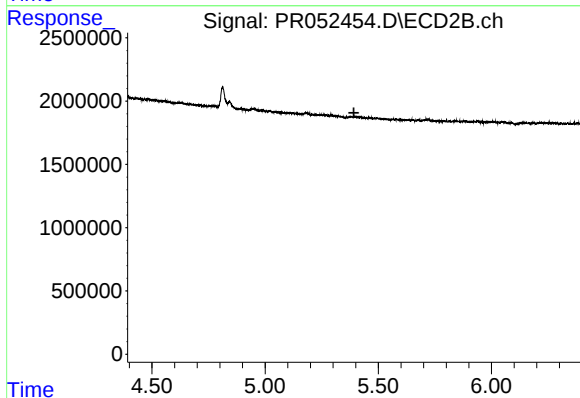
R.T.: 0.000 min
Exp R.T. : 5.179 min
Response: 0
Conc: N.D.



#7 AR-1016-5

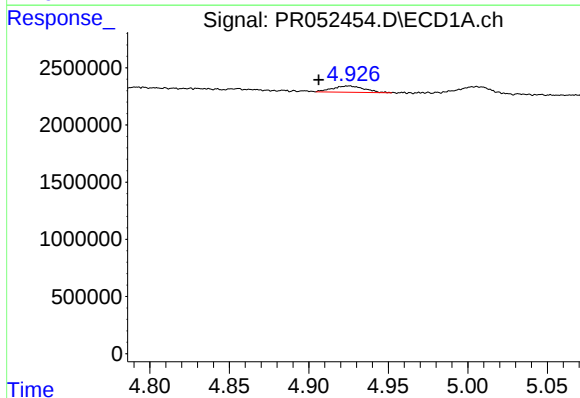
R.T.: 6.371 min
Delta R.T.: 0.009 min
Response: 224802
Conc: 2.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



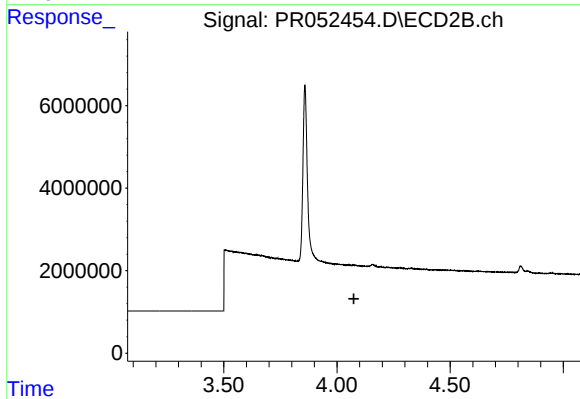
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.392 min
Response: 0
Conc: N.D.



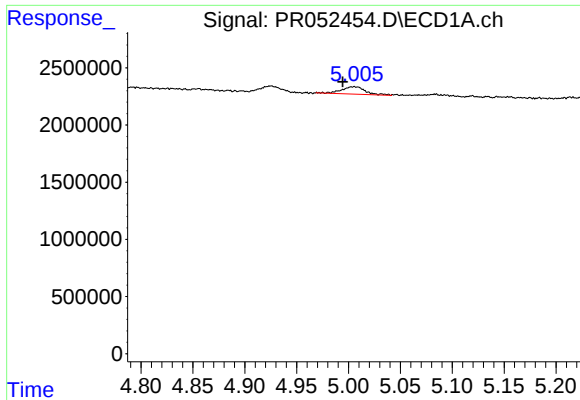
#8 AR-1221-1

R.T.: 4.925 min
Delta R.T.: 0.019 min
Response: 743666
Conc: 16.22 ng/ml



#8 AR-1221-1

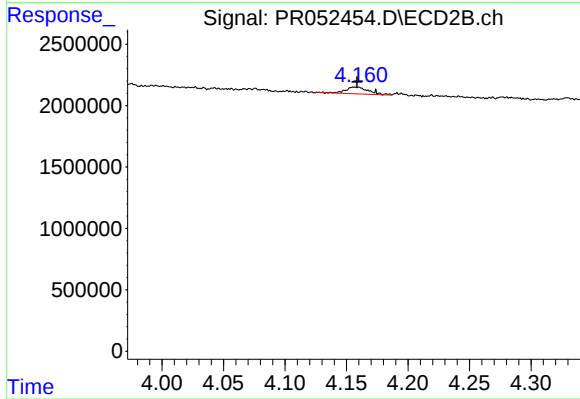
R.T.: 0.000 min
Exp R.T. : 4.075 min
Response: 0
Conc: N.D.



#9 AR-1221-2

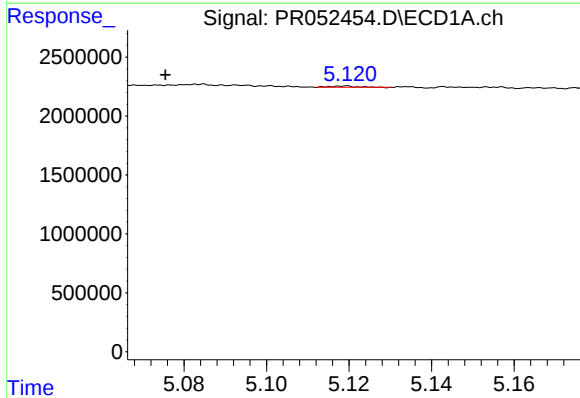
R.T.: 5.005 min
Delta R.T.: 0.011 min
Response: 1014816
Conc: 20.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



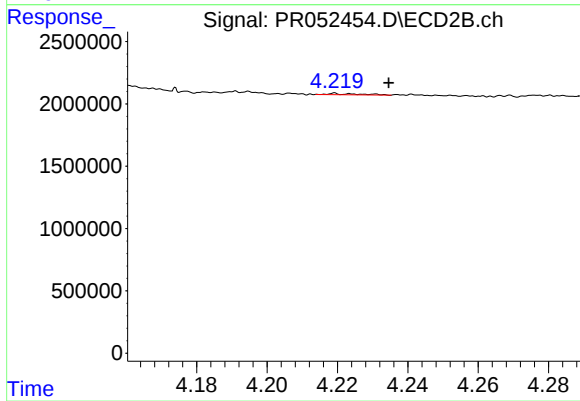
#9 AR-1221-2

R.T.: 4.156 min
Delta R.T.: -0.002 min
Response: 738263
Conc: 30.56 ng/ml



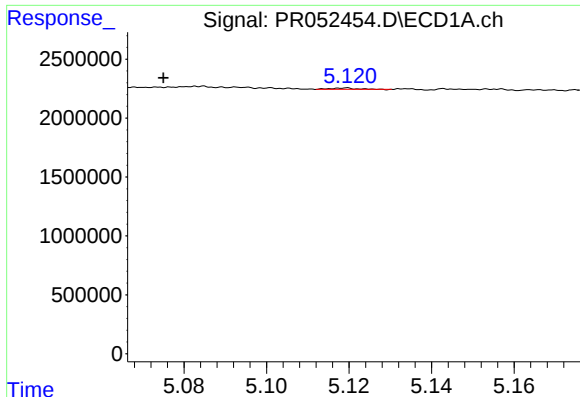
#10 AR-1221-3

R.T.: 5.119 min
Delta R.T.: 0.044 min
Response: 43299
Conc: 0.37 ng/ml



#10 AR-1221-3

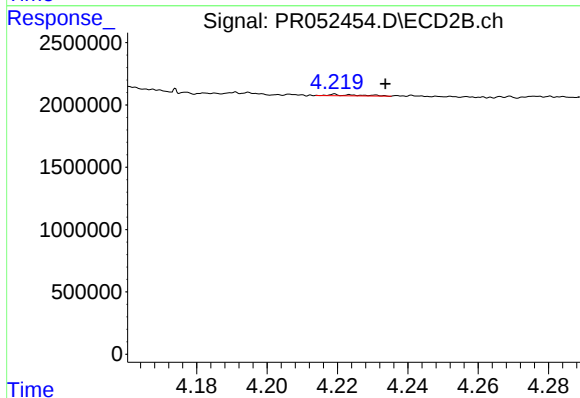
R.T.: 4.219 min
Delta R.T.: -0.015 min
Response: 67518
Conc: 0.79 ng/ml



#11 AR-1232-1

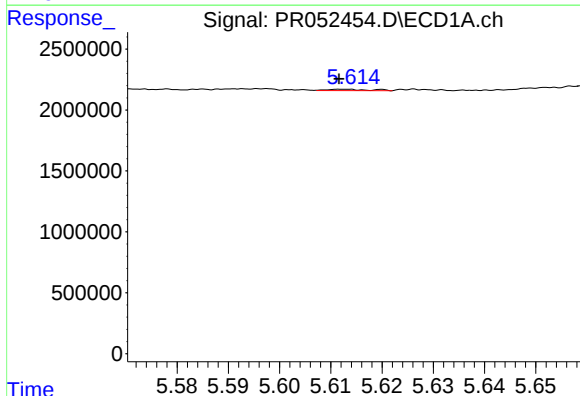
R.T.: 5.119 min
Delta R.T.: 0.044 min
Response: 43299
Conc: 0.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



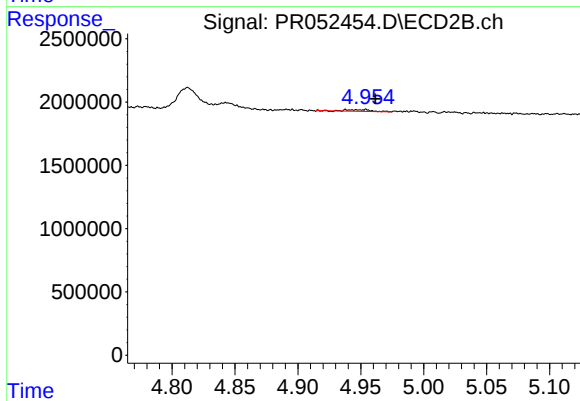
#11 AR-1232-1

R.T.: 4.219 min
Delta R.T.: -0.014 min
Response: 67518
Conc: 1.14 ng/ml



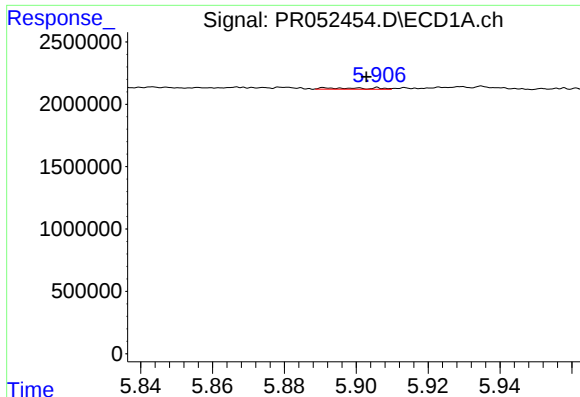
#12 AR-1232-2

R.T.: 5.612 min
Delta R.T.: 0.000 min
Response: 60289
Conc: 1.50 ng/ml



#12 AR-1232-2

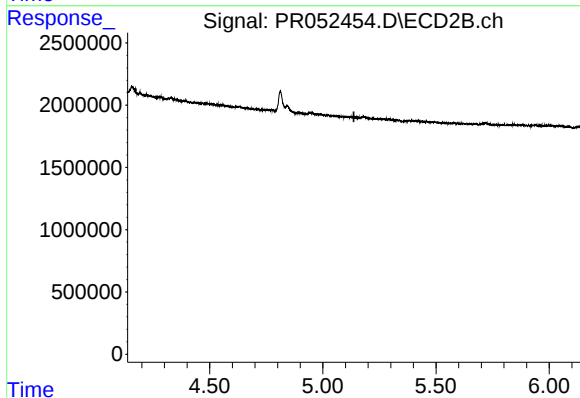
R.T.: 4.954 min
Delta R.T.: -0.008 min
Response: 178687
Conc: 3.03 ng/ml



#13 AR-1232-3

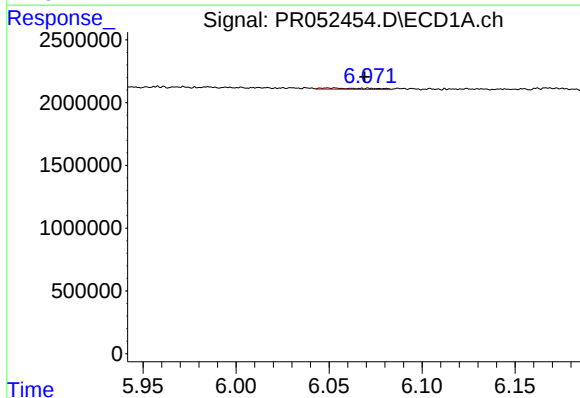
R.T.: 5.892 min
Delta R.T.: -0.011 min
Response: 95599
Conc: 1.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



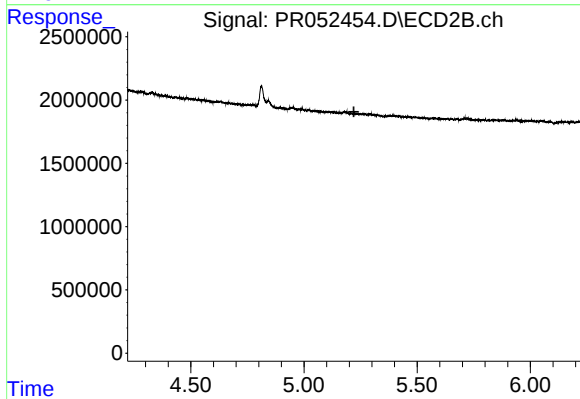
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.137 min
Response: 0
Conc: N.D.



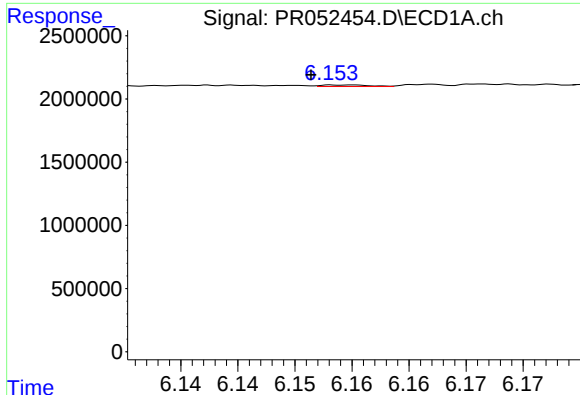
#14 AR-1232-4

R.T.: 6.053 min
Delta R.T.: -0.016 min
Response: 174784
Conc: 4.67 ng/ml



#14 AR-1232-4

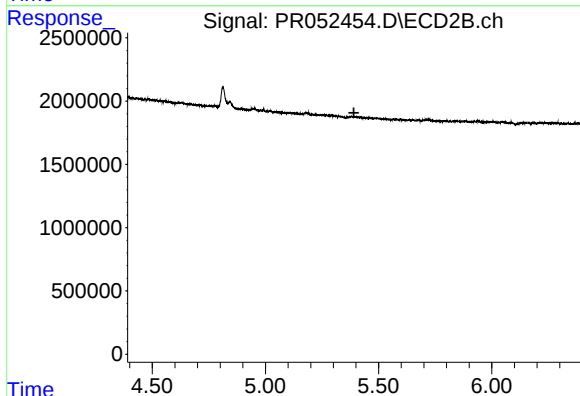
R.T.: 0.000 min
Exp R.T. : 5.220 min
Response: 0
Conc: N.D.



#15 AR-1232-5

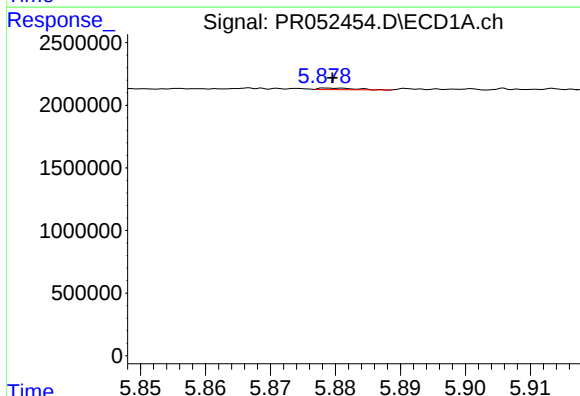
R.T.: 6.154 min
Delta R.T.: 0.003 min
Response: 35114
Conc: 1.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



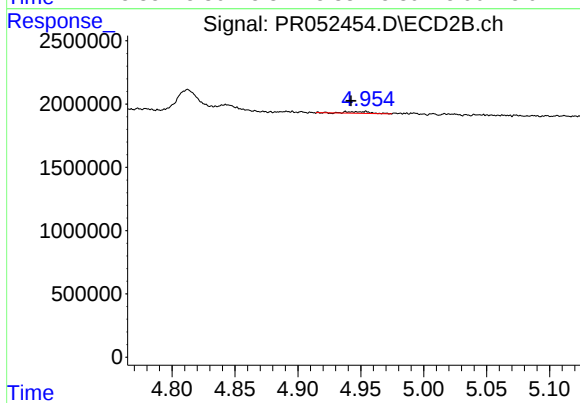
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.391 min
Response: 0
Conc: N.D.



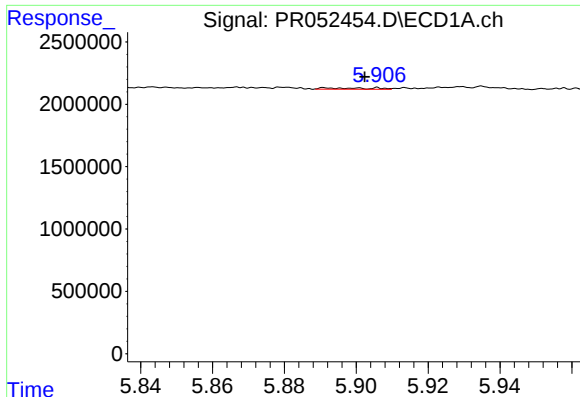
#16 AR-1242-1

R.T.: 5.880 min
Delta R.T.: 0.000 min
Response: 50079
Conc: 0.50 ng/ml



#16 AR-1242-1

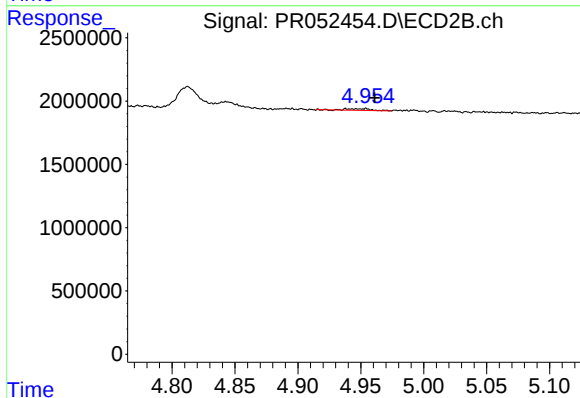
R.T.: 4.954 min
Delta R.T.: 0.012 min
Response: 178687
Conc: 2.54 ng/ml



#17 AR-1242-2

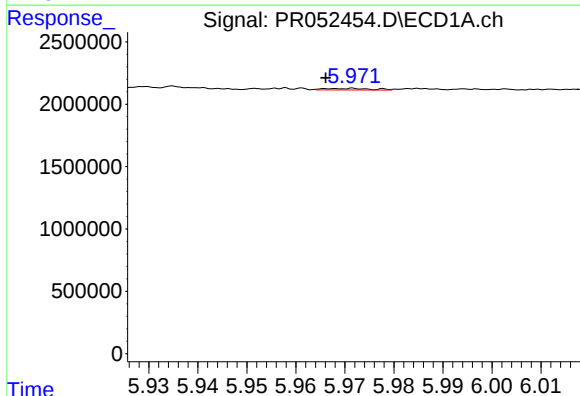
R.T.: 5.892 min
Delta R.T.: -0.011 min
Response: 95599
Conc: 0.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



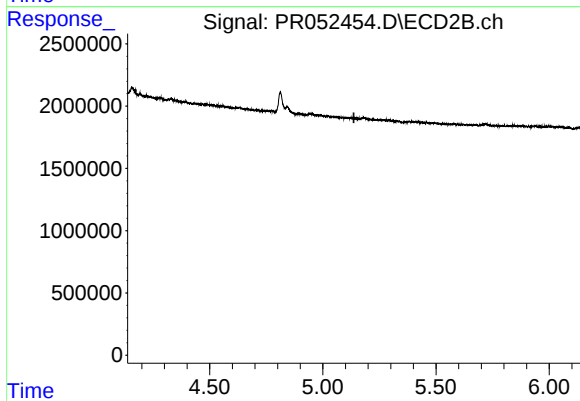
#17 AR-1242-2

R.T.: 4.954 min
Delta R.T.: -0.007 min
Response: 178687
Conc: 1.67 ng/ml



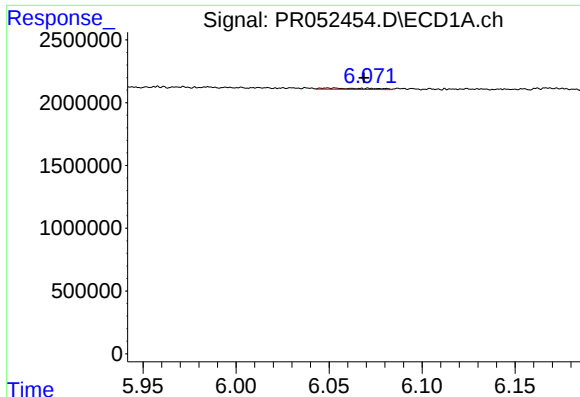
#18 AR-1242-3

R.T.: 5.972 min
Delta R.T.: 0.006 min
Response: 81606
Conc: 0.93 ng/ml



#18 AR-1242-3

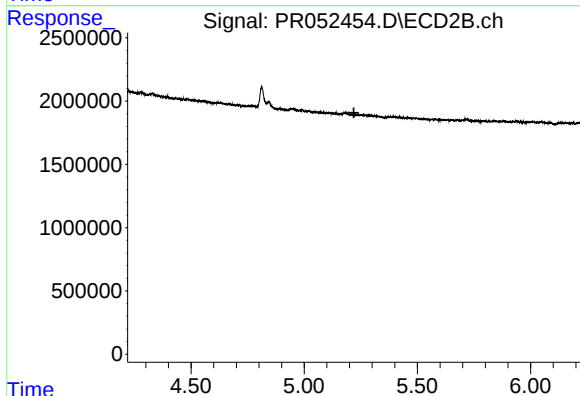
R.T.: 0.000 min
Exp R.T.: 5.137 min
Response: 0
Conc: N.D.



#19 AR-1242-4

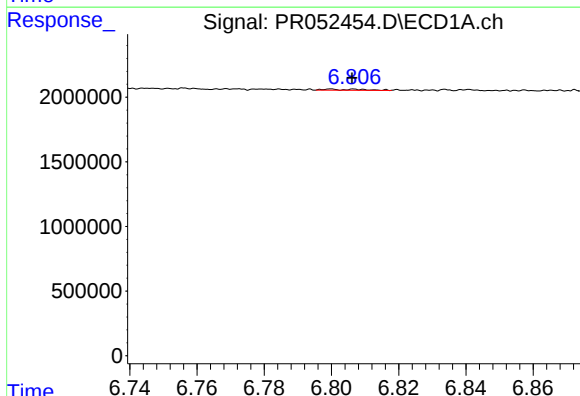
R.T.: 6.053 min
Delta R.T.: -0.016 min
Response: 174784
Conc: 2.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



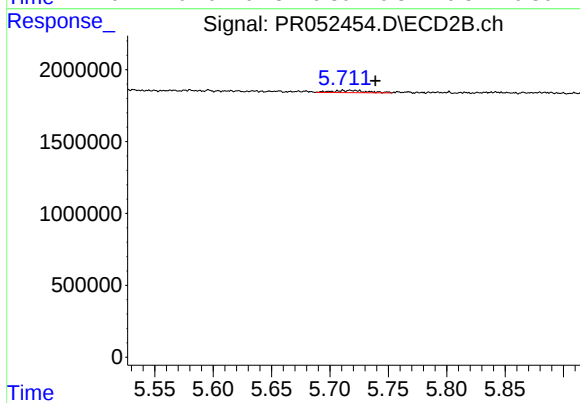
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.220 min
Response: 0
Conc: N.D.



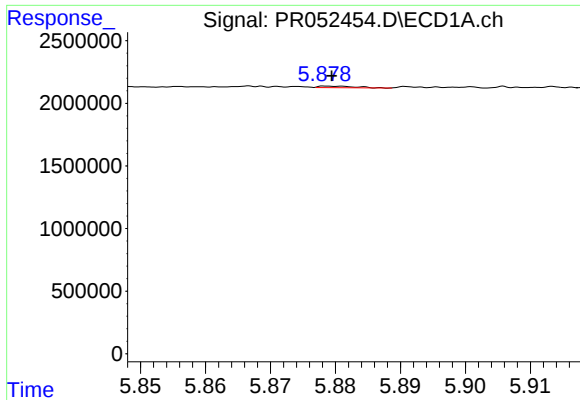
#20 AR-1242-5

R.T.: 6.800 min
Delta R.T.: -0.006 min
Response: 64760
Conc: 0.85 ng/ml



#20 AR-1242-5

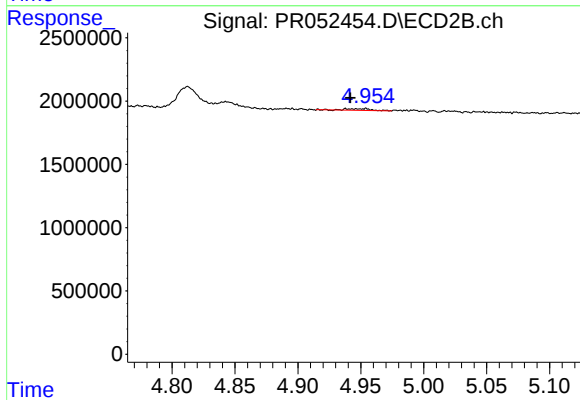
R.T.: 5.711 min
Delta R.T.: -0.028 min
Response: 320303
Conc: 4.66 ng/ml



#21 AR-1248-1

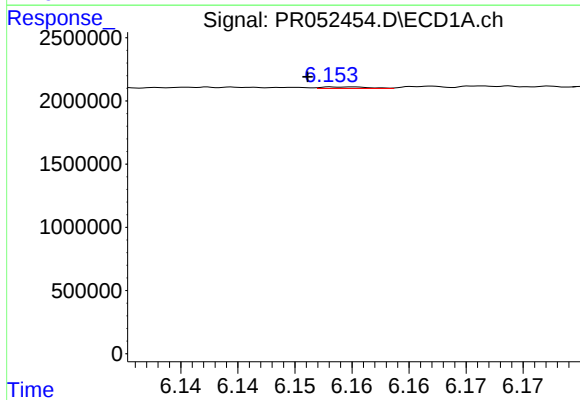
R.T.: 5.880 min
Delta R.T.: 0.000 min
Response: 50079
Conc: 0.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



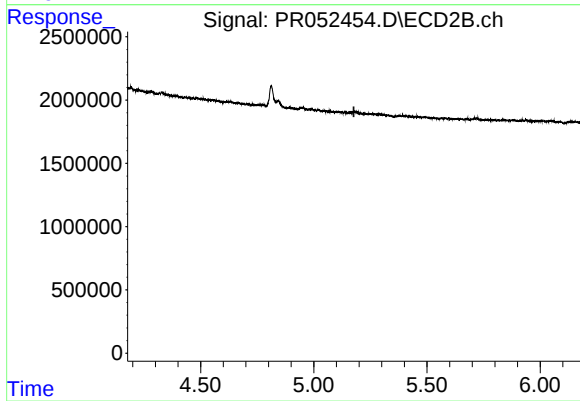
#21 AR-1248-1

R.T.: 4.954 min
Delta R.T.: 0.012 min
Response: 178687
Conc: 3.43 ng/ml



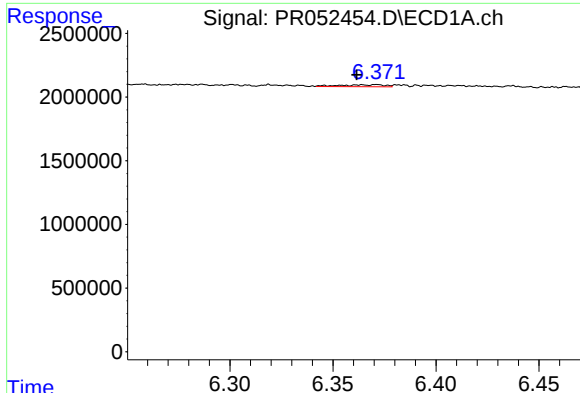
#22 AR-1248-2

R.T.: 6.154 min
Delta R.T.: 0.003 min
Response: 35114
Conc: 0.33 ng/ml



#22 AR-1248-2

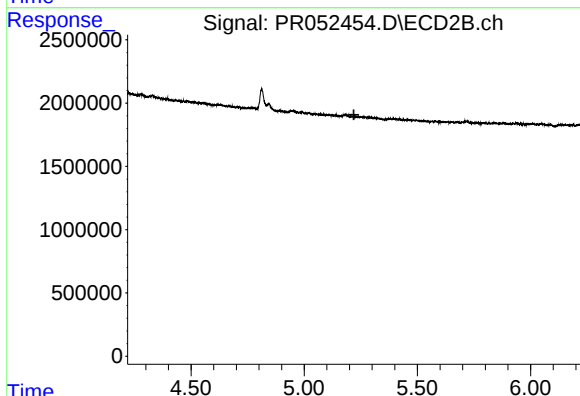
R.T.: 0.000 min
Exp R.T.: 5.177 min
Response: 0
Conc: N.D.



#23 AR-1248-3

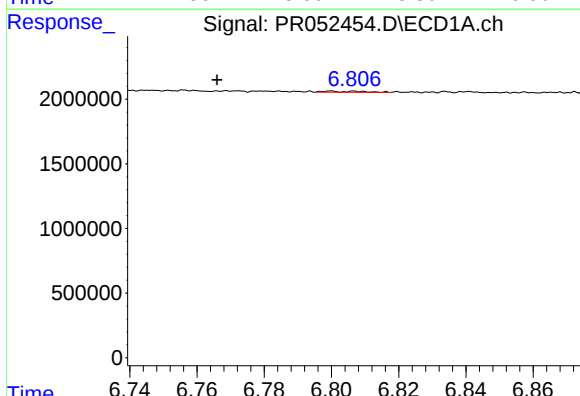
R.T.: 6.371 min
Delta R.T.: 0.010 min
Response: 224802
Conc: 1.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



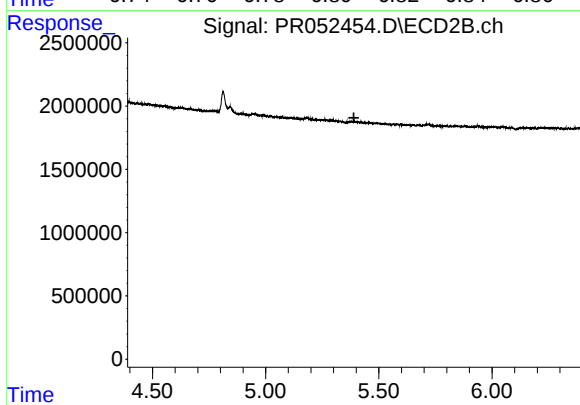
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.219 min
Response: 0
Conc: N.D.



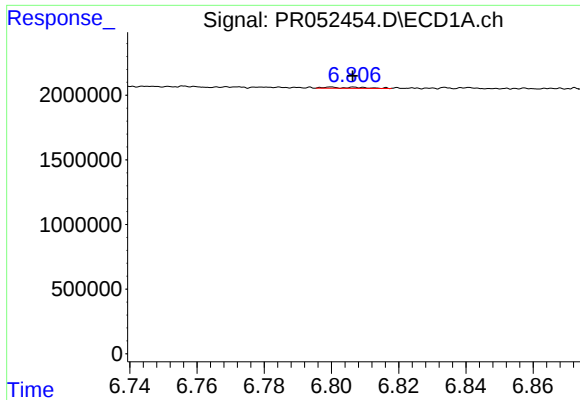
#24 AR-1248-4

R.T.: 6.800 min
Delta R.T.: 0.034 min
Response: 64760
Conc: 0.51 ng/ml



#24 AR-1248-4

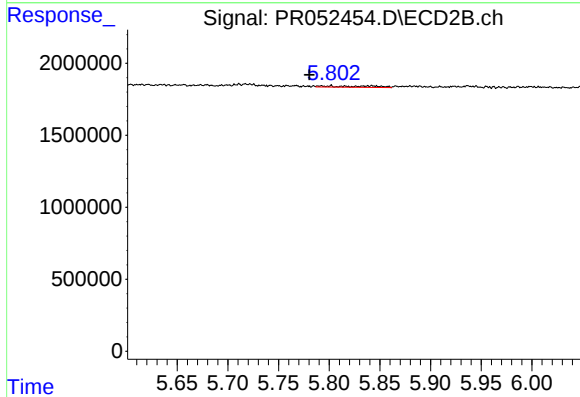
R.T.: 0.000 min
Exp R.T. : 5.390 min
Response: 0
Conc: N.D.



#25 AR-1248-5

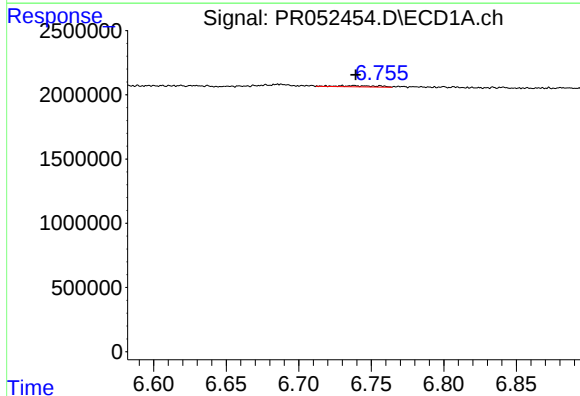
R.T.: 6.800 min
Delta R.T.: -0.007 min
Response: 64760
Conc: 0.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



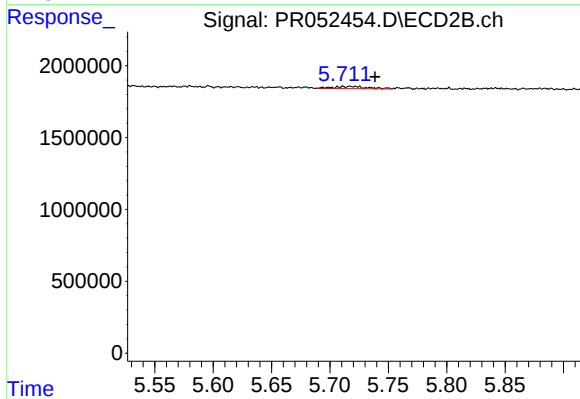
#25 AR-1248-5

R.T.: 5.802 min
Delta R.T.: 0.021 min
Response: 294961
Conc: 3.12 ng/ml



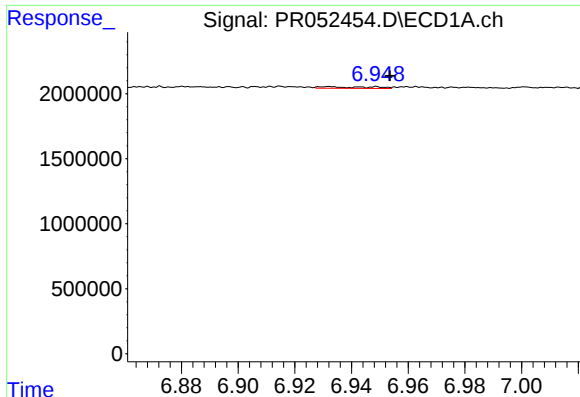
#26 AR-1254-1

R.T.: 6.730 min
Delta R.T.: -0.009 min
Response: 167949
Conc: 1.26 ng/ml



#26 AR-1254-1

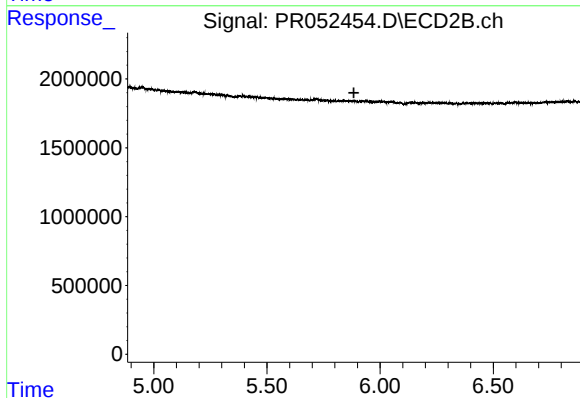
R.T.: 5.711 min
Delta R.T.: -0.028 min
Response: 320303
Conc: 2.21 ng/ml



#27 AR-1254-2

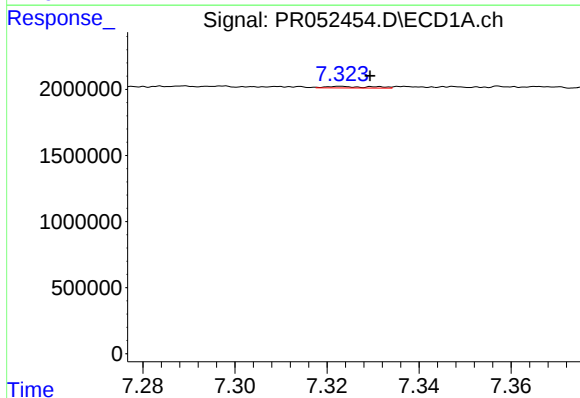
R.T.: 6.932 min
Delta R.T.: -0.021 min
Response: 146712
Conc: 0.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



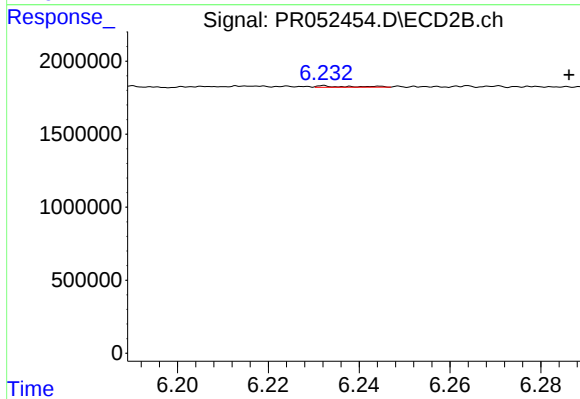
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.884 min
Response: 0
Conc: N.D.



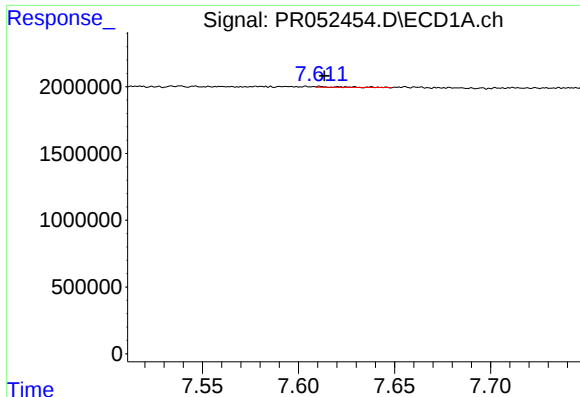
#28 AR-1254-3

R.T.: 7.323 min
Delta R.T.: -0.007 min
Response: 82279
Conc: 0.39 ng/ml



#28 AR-1254-3

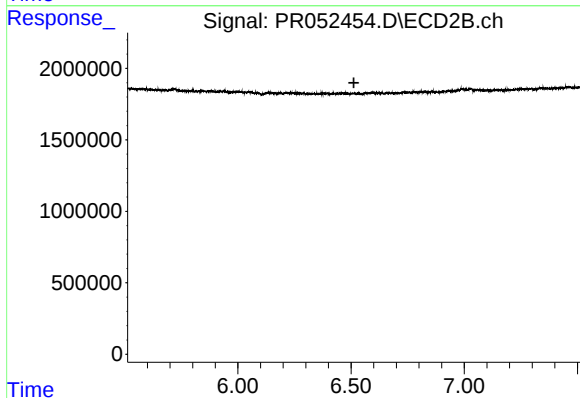
R.T.: 6.232 min
Delta R.T.: -0.054 min
Response: 48336
Conc: 0.23 ng/ml



#29 AR-1254-4

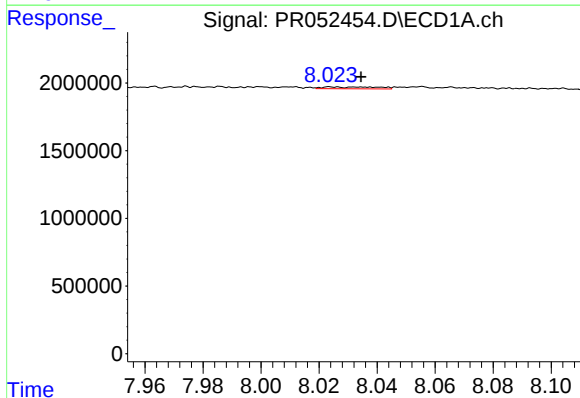
R.T.: 7.611 min
Delta R.T.: -0.002 min
Response: 57822
Conc: 0.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



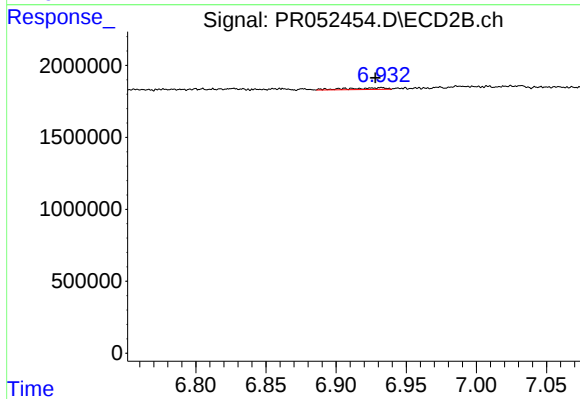
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.513 min
Response: 0
Conc: N.D.



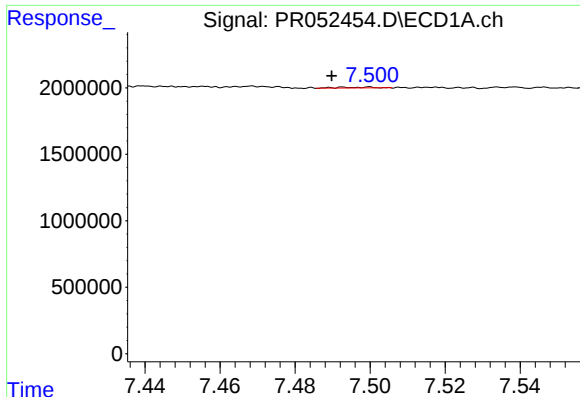
#30 AR-1254-5

R.T.: 8.024 min
Delta R.T.: -0.010 min
Response: 180411
Conc: 1.04 ng/ml



#30 AR-1254-5

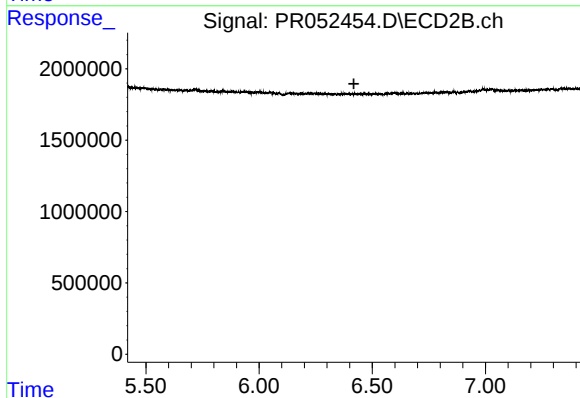
R.T.: 6.932 min
Delta R.T.: 0.004 min
Response: 216566
Conc: 1.18 ng/ml



#31 AR-1260-1

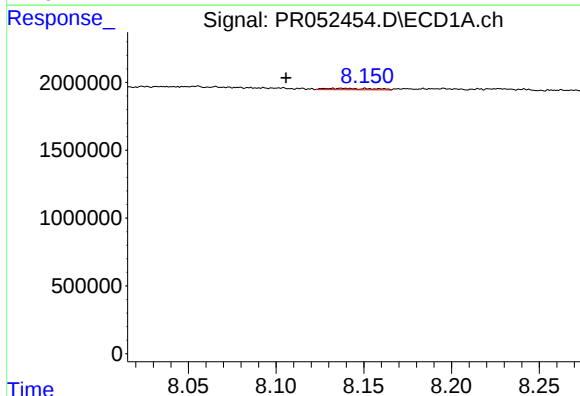
R.T.: 7.500 min
Delta R.T.: 0.010 min
Response: 36711
Conc: 0.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



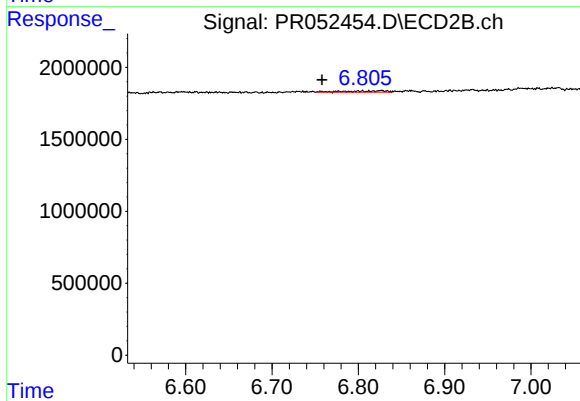
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.419 min
Response: 0
Conc: N.D.



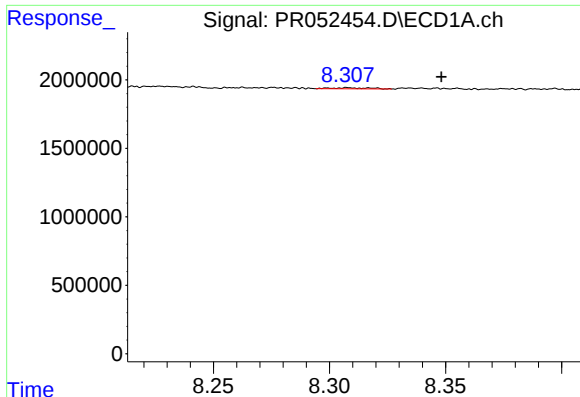
#33 AR-1260-3

R.T.: 8.132 min
Delta R.T.: 0.027 min
Response: 190096
Conc: 1.34 ng/ml



#33 AR-1260-3

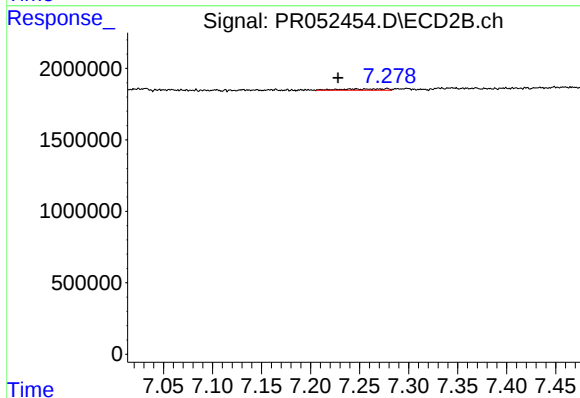
R.T.: 6.805 min
Delta R.T.: 0.047 min
Response: 322536
Conc: 2.17 ng/ml



#34 AR-1260-4

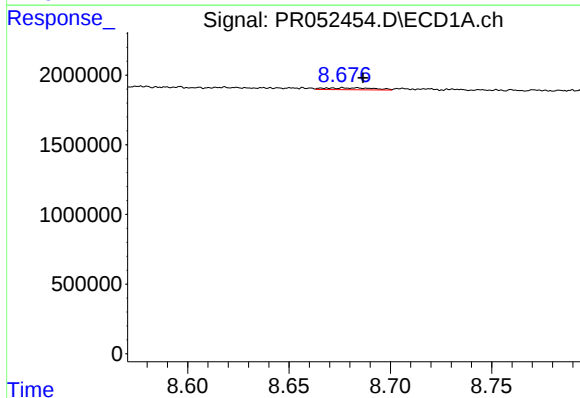
R.T.: 8.308 min
Delta R.T.: -0.040 min
Response: 81161
Conc: 0.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



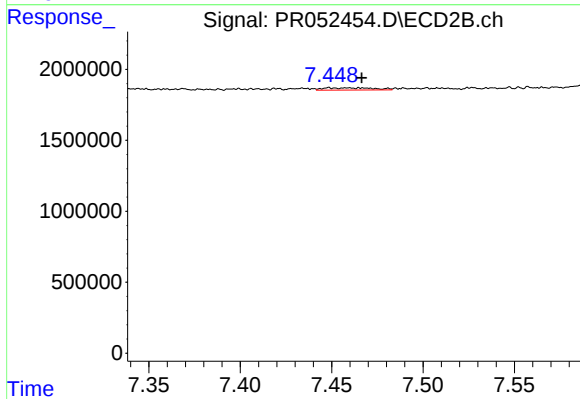
#34 AR-1260-4

R.T.: 7.247 min
Delta R.T.: 0.019 min
Response: 304759
Conc: 2.51 ng/ml



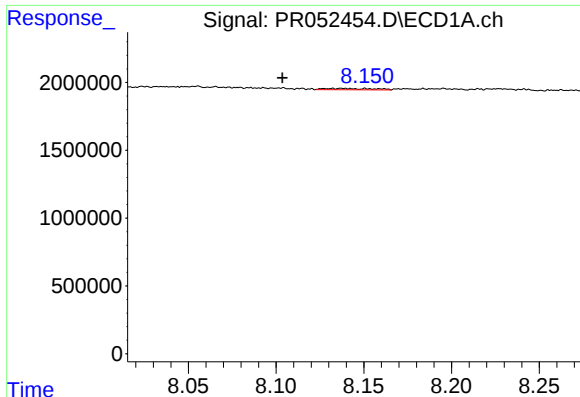
#35 AR-1260-5

R.T.: 8.684 min
Delta R.T.: -0.003 min
Response: 238220
Conc: 0.73 ng/ml



#35 AR-1260-5

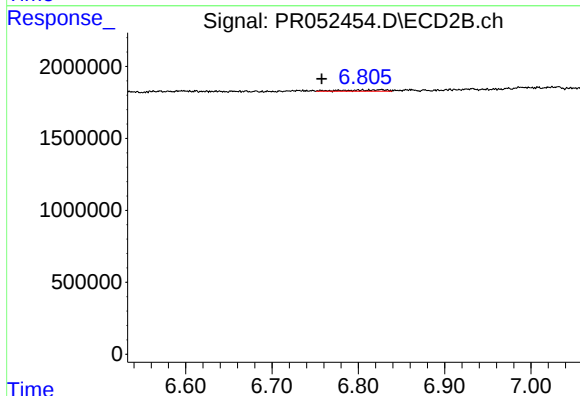
R.T.: 7.449 min
Delta R.T.: -0.018 min
Response: 290960
Conc: 0.94 ng/ml



#36 AR-1262-1

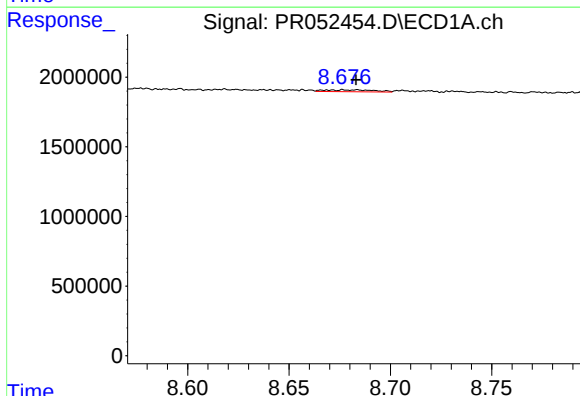
R.T.: 8.132 min
Delta R.T.: 0.029 min
Response: 190096
Conc: 0.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



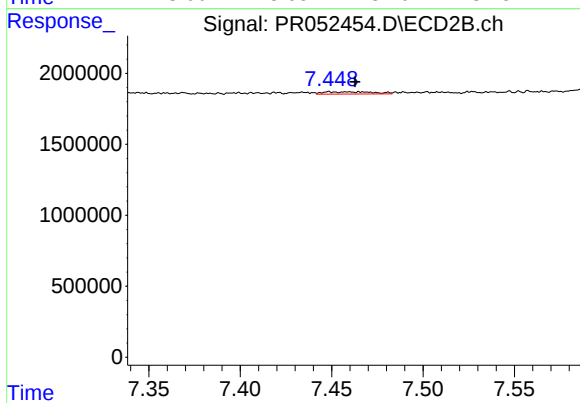
#36 AR-1262-1

R.T.: 6.805 min
Delta R.T.: 0.047 min
Response: 322536
Conc: 2.55 ng/ml



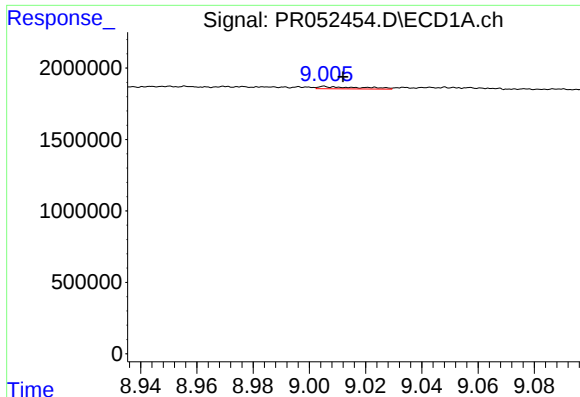
#37 AR-1262-2

R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 238220
Conc: 0.63 ng/ml



#37 AR-1262-2

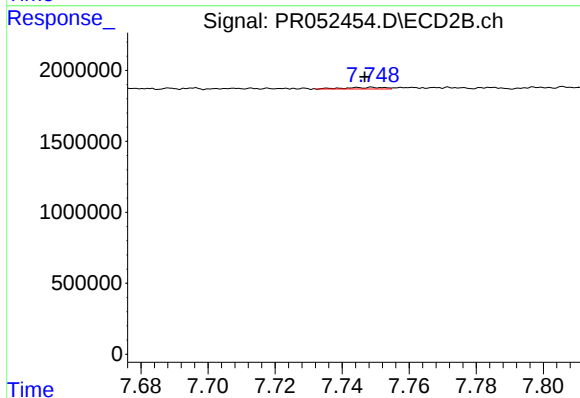
R.T.: 7.449 min
Delta R.T.: -0.014 min
Response: 290960
Conc: 0.86 ng/ml



#38 AR-1262-3

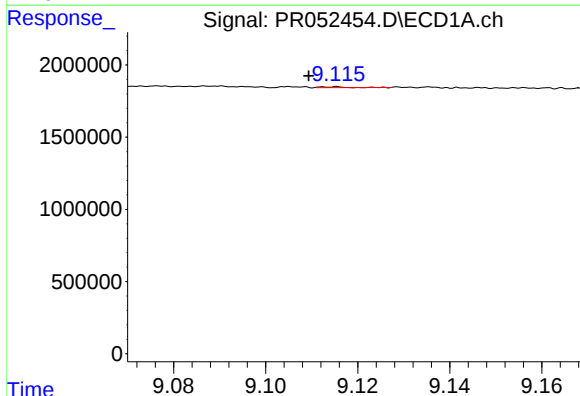
R.T.: 9.006 min
Delta R.T.: -0.006 min
Response: 169520
Conc: 1.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



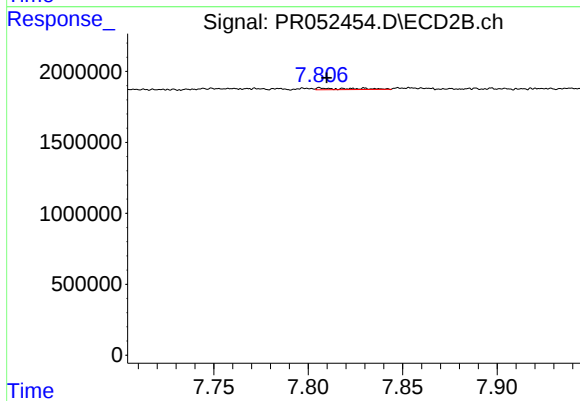
#38 AR-1262-3

R.T.: 7.749 min
Delta R.T.: 0.003 min
Response: 92494
Conc: 0.66 ng/ml



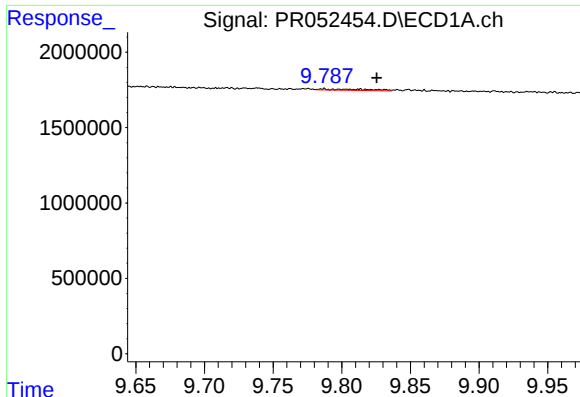
#39 AR-1262-4

R.T.: 9.115 min
Delta R.T.: 0.006 min
Response: 22255
Conc: 0.19 ng/ml



#39 AR-1262-4

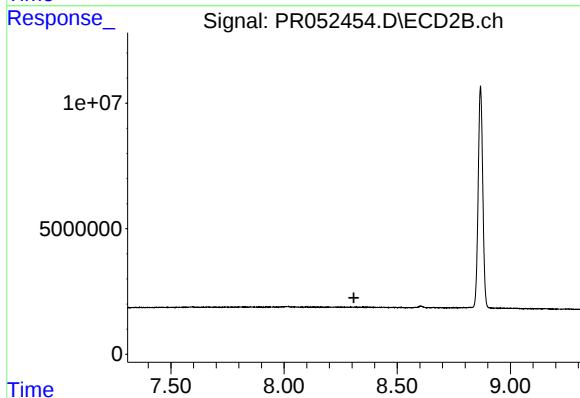
R.T.: 7.806 min
Delta R.T.: -0.004 min
Response: 141476
Conc: 0.53 ng/ml



#40 AR-1262-5

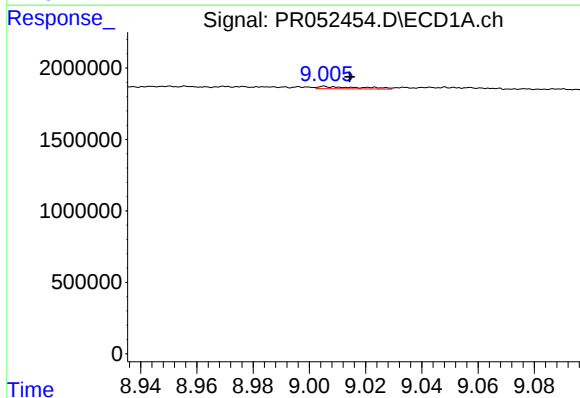
R.T.: 9.787 min
Delta R.T.: -0.038 min
Response: 179011
Conc: 1.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



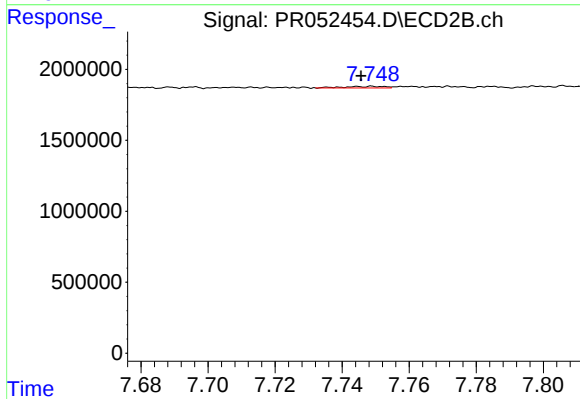
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.308 min
Response: 0
Conc: N.D.



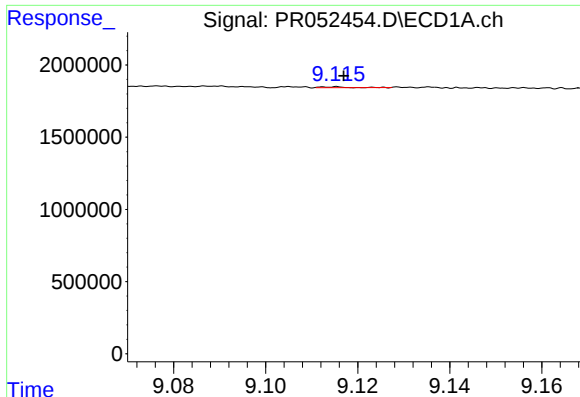
#41 AR-1268-1

R.T.: 9.006 min
Delta R.T.: -0.009 min
Response: 169520
Conc: 0.38 ng/ml



#41 AR-1268-1

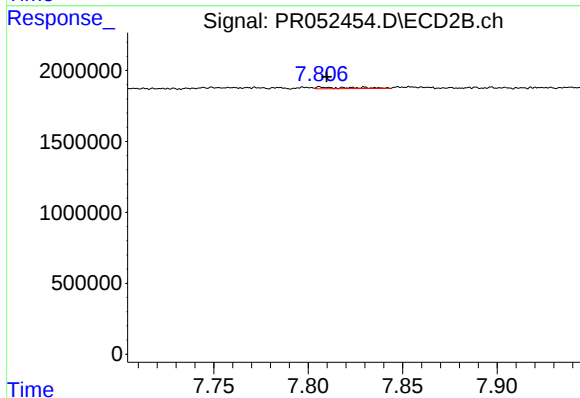
R.T.: 7.749 min
Delta R.T.: 0.004 min
Response: 92494
Conc: 0.23 ng/ml



#42 AR-1268-2

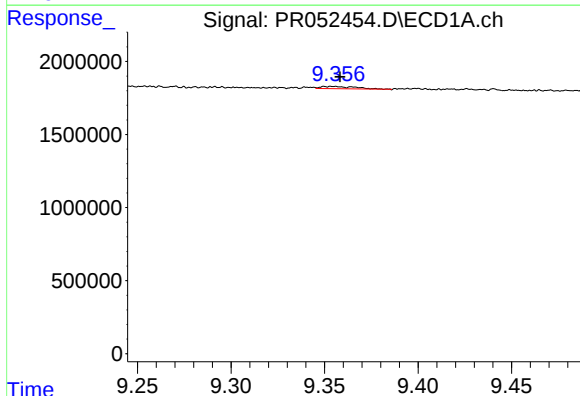
R.T.: 9.115 min
Delta R.T.: -0.002 min
Response: 22255
Conc: 0.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



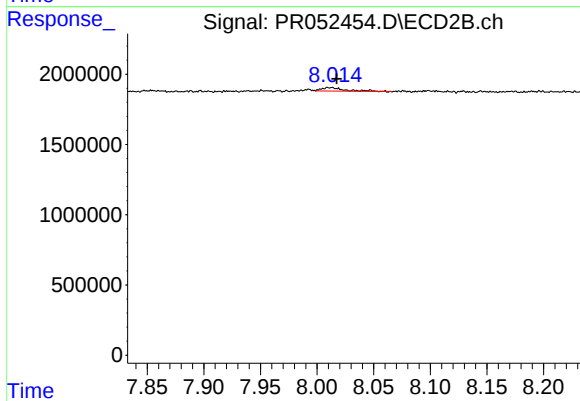
#42 AR-1268-2

R.T.: 7.806 min
Delta R.T.: -0.003 min
Response: 141476
Conc: 0.36 ng/ml



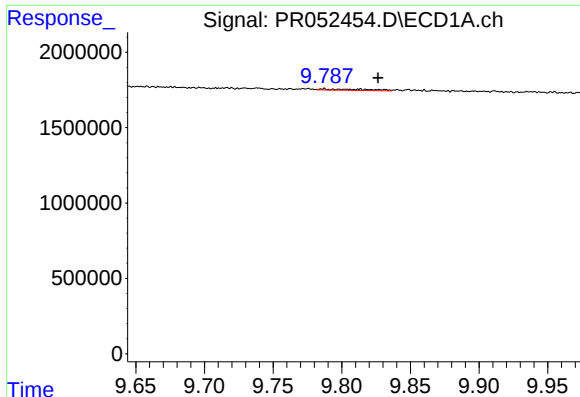
#43 AR-1268-3

R.T.: 9.355 min
Delta R.T.: -0.003 min
Response: 205319
Conc: 0.59 ng/ml



#43 AR-1268-3

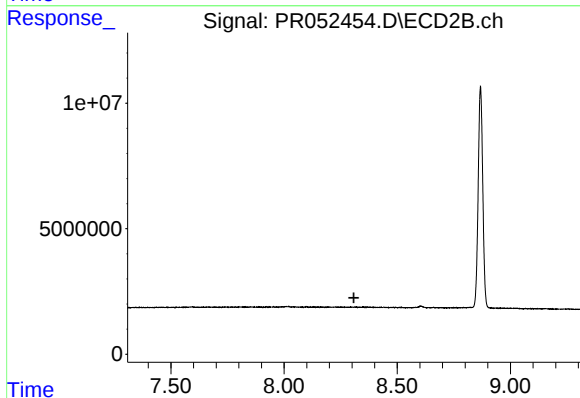
R.T.: 8.012 min
Delta R.T.: -0.005 min
Response: 352078
Conc: 1.03 ng/ml



#44 AR-1268-4

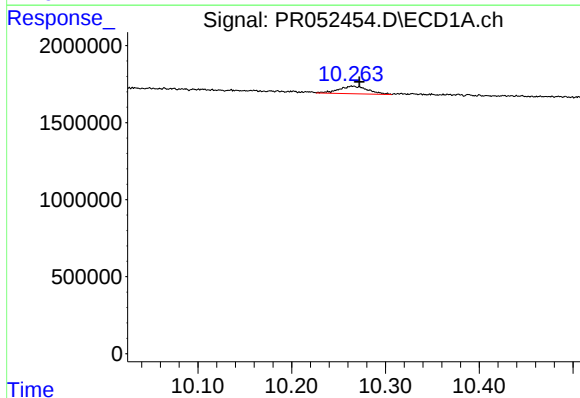
R.T.: 9.787 min
Delta R.T.: -0.040 min
Response: 179011
Conc: 1.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



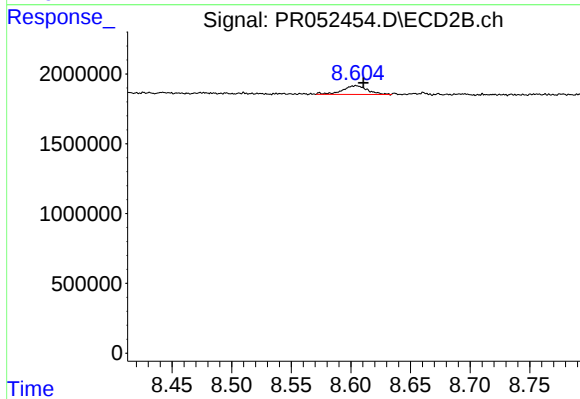
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.308 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.265 min
Delta R.T.: -0.007 min
Response: 1079552
Conc: 0.95 ng/ml



#45 AR-1268-5

R.T.: 8.604 min
Delta R.T.: -0.006 min
Response: 916339
Conc: 0.78 ng/ml