

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081623\
 Data File : P0097164.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2023 16:09
 Operator : YP/AJ
 Sample : 04022-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 01:20:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.412	3.616	57104436	23207278	17.251	17.531
2) SA Decachlor...	10.353	8.632	37301503	19257739	17.047	16.646
Target Compounds						
3) L1 AR-1016-1	5.601	0.000	57455	0	0.610	N.D. #
4) L1 AR-1016-2	5.620	0.000	91578	0	0.685	N.D. #
5) L1 AR-1016-3	5.688	0.000	114073	0	1.311	N.D. #
6) L1 AR-1016-4	5.793	0.000	34738	0	0.517	N.D. #
7) L1 AR-1016-5	6.069	5.139	37500	162688	0.537	4.232 #
8) L2 AR-1221-1	4.623	0.000	436595	0	10.713	N.D. #
9) L2 AR-1221-2	4.722	3.918	738459	492289	24.308	38.101 #
10) L2 AR-1221-3	4.783	0.000	21069	0	0.241	N.D. #
11) L3 AR-1232-1	4.783	0.000	21069	0	0.289	N.D. #
12) L3 AR-1232-2	5.338	0.000	327489	0	8.260	N.D. #
13) L3 AR-1232-3	5.620	0.000	91578	0	1.497	N.D. #
14) L3 AR-1232-4	5.793	0.000	34738	0	1.138	N.D. #
15) L3 AR-1232-5	5.877	5.139	145124	162688	5.186	9.952 #
16) L4 AR-1242-1	5.601	0.000	57455	0	0.685	N.D. #
17) L4 AR-1242-2	5.620	0.000	91578	0	0.778	N.D. #
18) L4 AR-1242-3	5.688	0.000	114073	0	1.544	N.D. #
19) L4 AR-1242-4	5.793	0.000	34738	0	0.584	N.D. #
20) L4 AR-1242-5	6.498	5.499	9669	123353	0.176	3.385 #
21) L5 AR-1248-1	5.601	0.000	57455	0	0.981	N.D. #
22) L5 AR-1248-2	5.877	0.000	145124	0	1.544	N.D. #
23) L5 AR-1248-3	6.069	0.000	37500	0	0.383	N.D. #
24) L5 AR-1248-4	6.498	5.139	9669	162688	0.106	3.187 #
25) L5 AR-1248-5	6.498	5.599f	9669	1453448	0.110	31.089 #
26) L6 AR-1254-1	6.470	5.499	79618	123353	0.728	1.672 #
27) L6 AR-1254-2	6.693	5.599f	441321	1453448	2.737	22.062 #
28) L6 AR-1254-3	7.076	6.073	675872	106310	4.313	1.052 #
29) L6 AR-1254-4	7.400f	6.319	562581	257549	5.580	4.450
30) L6 AR-1254-5	7.792	6.704	245487	276661	2.188	3.147 #
31) L7 AR-1260-1	7.239	6.230	313843	589111	2.497	8.372 #
32) L7 AR-1260-2	7.465	6.362	163303	180188	1.212	2.159 #
33) L7 AR-1260-3	7.894	0.000	827860	0	7.978	N.D. #
34) L7 AR-1260-4	8.087	6.984	1800208	505382	16.102	7.886 #
35) L7 AR-1260-5	8.435	7.250	143601	84450	0.684	0.609
36) L8 AR-1262-1	7.894	6.842f	827860	542335	5.574	13.776 #
37) L8 AR-1262-2	8.435	6.984	143601	505382	0.620	6.231 #
38) L8 AR-1262-3	8.726	7.542	16128	363942	0.097	5.671 #
39) L8 AR-1262-4	8.863	7.597	346966	266448	4.759	2.345 #
40) L8 AR-1262-5	9.546	0.000	82748	0	0.994	N.D. #
41) L9 AR-1268-1	8.726	7.542	16128	363942	0.052	1.964 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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
42) L9	AR-1268-2	8.863	7.597	346966	266448	1.265	1.589 #
43) L9	AR-1268-3	9.086	7.804	167396	189629	0.655	1.312 #
44) L9	AR-1268-4	9.546	0.000	82748	0	0.893	N.D. #
45) L9	AR-1268-5	9.990	8.384	195863	155421	0.242	0.374 #

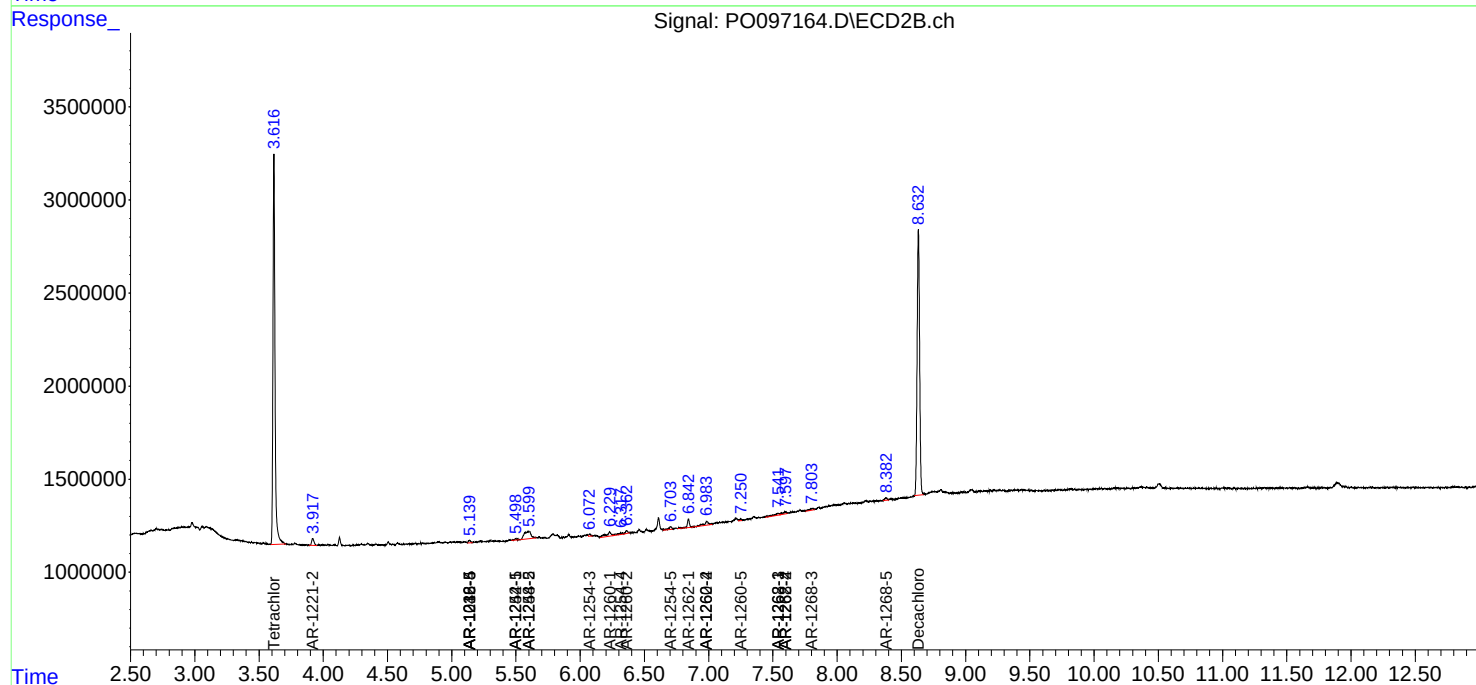
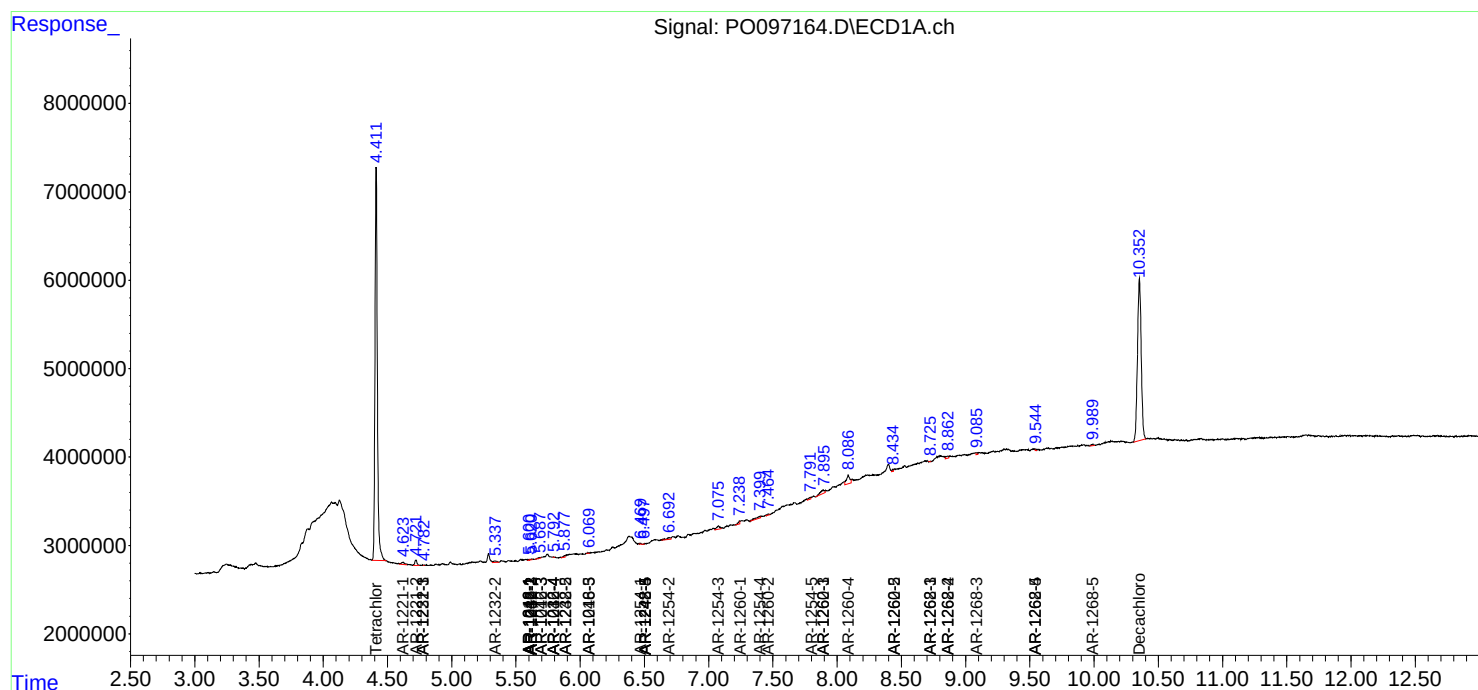
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

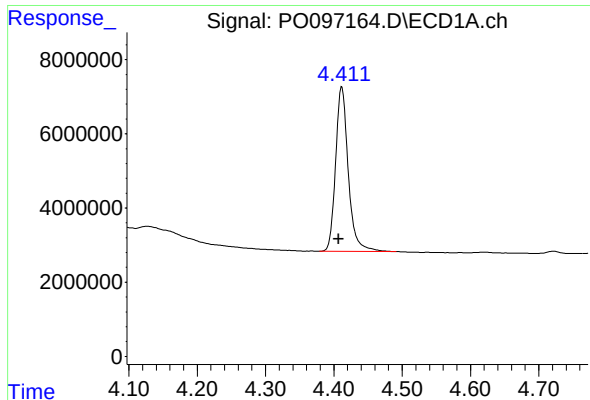
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081623\
Data File : PO097164.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Aug 2023 16:09
Operator : YP/AJ
Sample : 04022-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 17 01:20:07 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO080723.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 08 04:34:41 2023
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

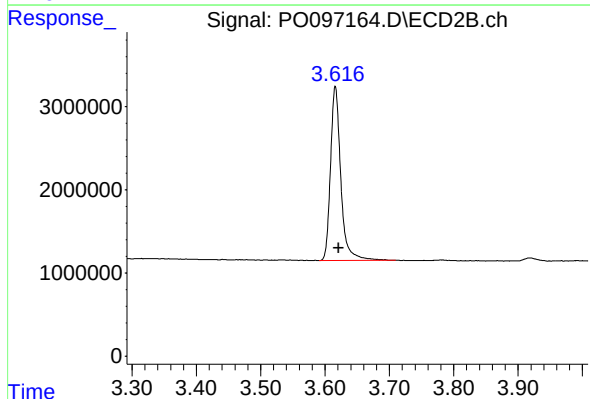




#1 Tetrachloro-m-xylene

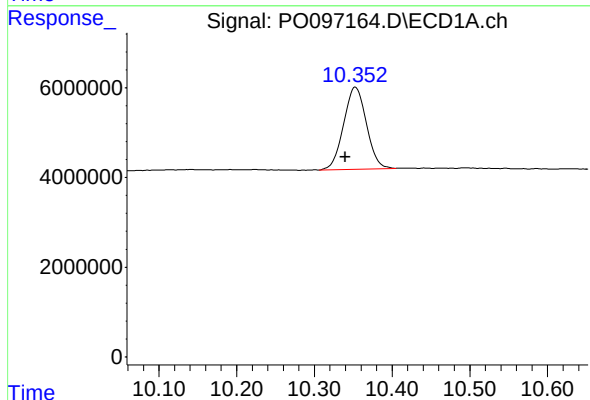
R.T.: 4.412 min
Delta R.T.: 0.005 min
Response: 57104436
Conc: 17.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



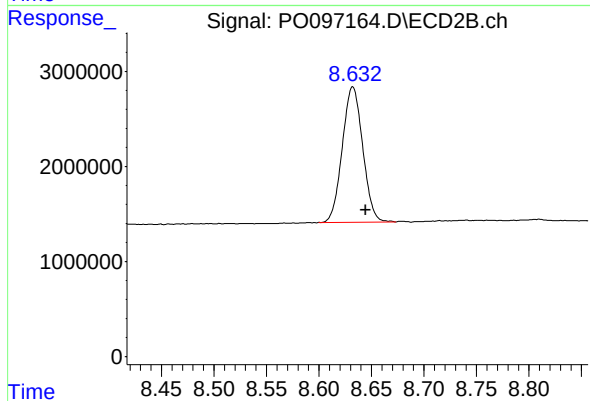
#1 Tetrachloro-m-xylene

R.T.: 3.616 min
Delta R.T.: -0.005 min
Response: 23207278
Conc: 17.53 ng/ml



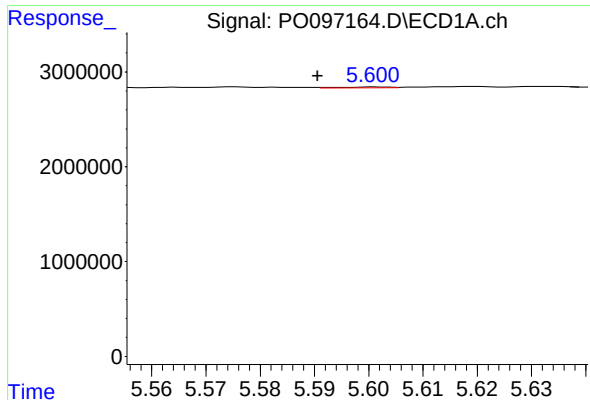
#2 Decachlorobiphenyl

R.T.: 10.353 min
Delta R.T.: 0.013 min
Response: 37301503
Conc: 17.05 ng/ml



#2 Decachlorobiphenyl

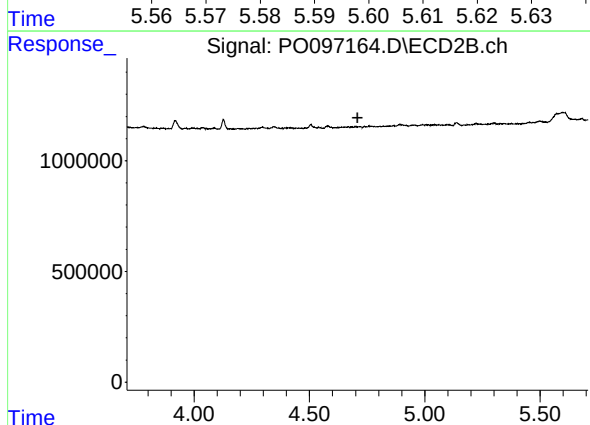
R.T.: 8.632 min
Delta R.T.: -0.012 min
Response: 19257739
Conc: 16.65 ng/ml



#3 AR-1016-1

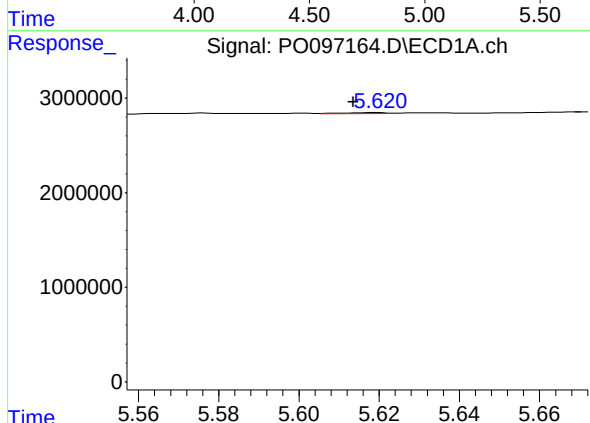
R.T.: 5.601 min
Delta R.T.: 0.010 min
Response: 57455
Conc: 0.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



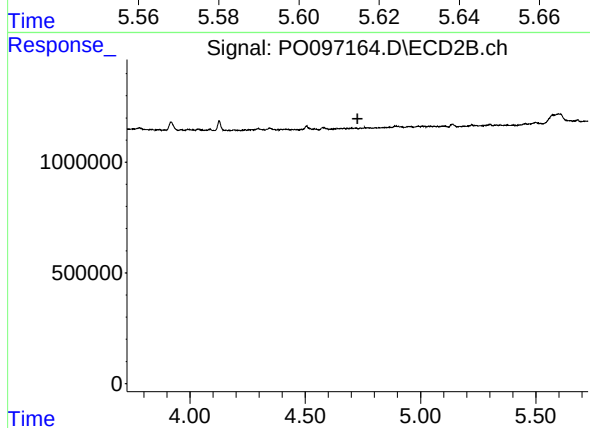
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.708 min
Response: 0
Conc: N.D.



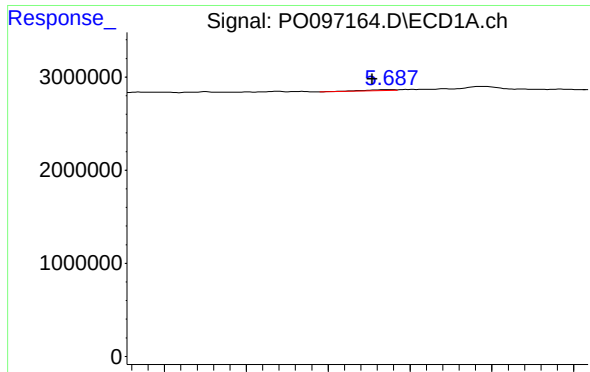
#4 AR-1016-2

R.T.: 5.620 min
Delta R.T.: 0.006 min
Response: 91578
Conc: 0.68 ng/ml



#4 AR-1016-2

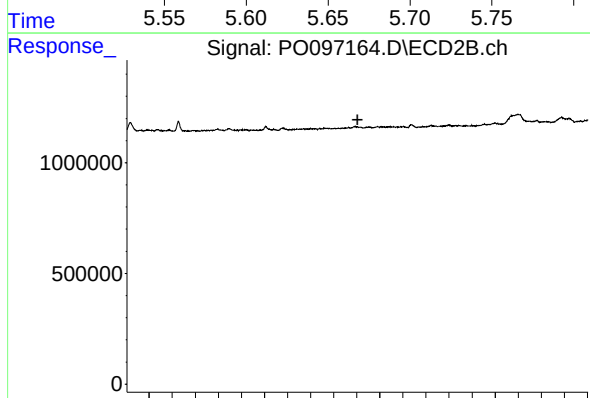
R.T.: 0.000 min
Exp R.T. : 4.726 min
Response: 0
Conc: N.D.



#5 AR-1016-3

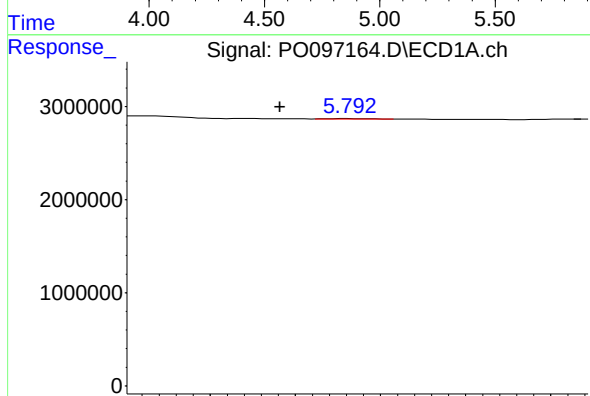
R.T.: 5.688 min
Delta R.T.: 0.011 min
Response: 114073
Conc: 1.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



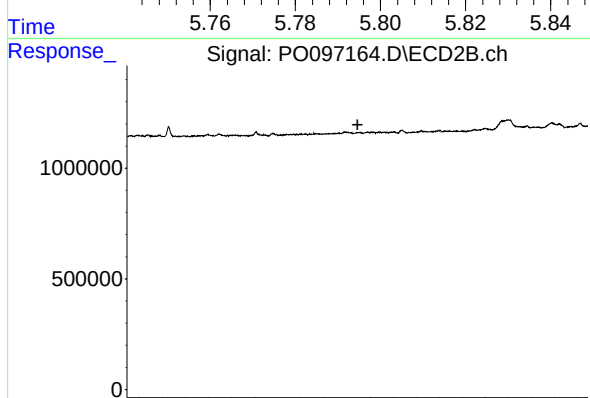
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.903 min
Response: 0
Conc: N.D.



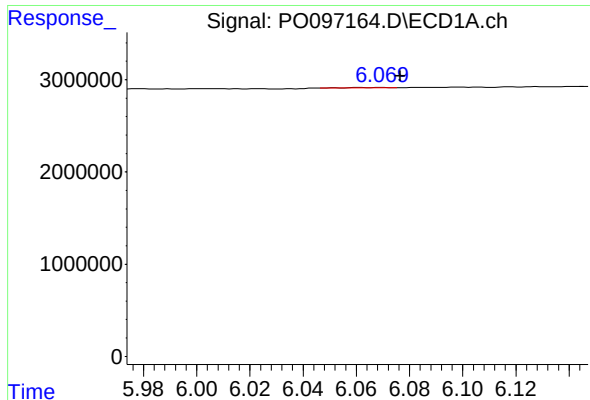
#6 AR-1016-4

R.T.: 5.793 min
Delta R.T.: 0.016 min
Response: 34738
Conc: 0.52 ng/ml



#6 AR-1016-4

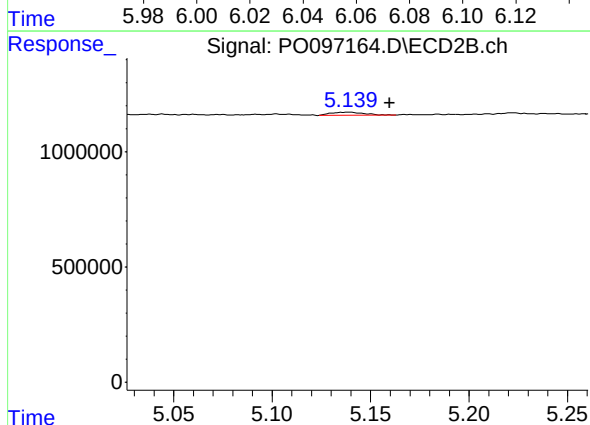
R.T.: 0.000 min
Exp R.T. : 4.946 min
Response: 0
Conc: N.D.



#7 AR-1016-5

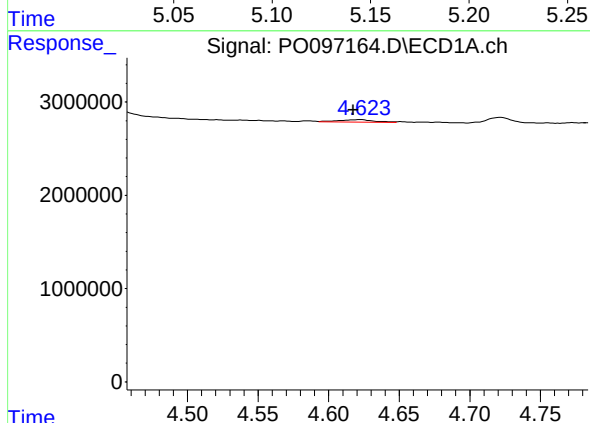
R.T.: 6.069 min
Delta R.T.: -0.007 min
Response: 37500
Conc: 0.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



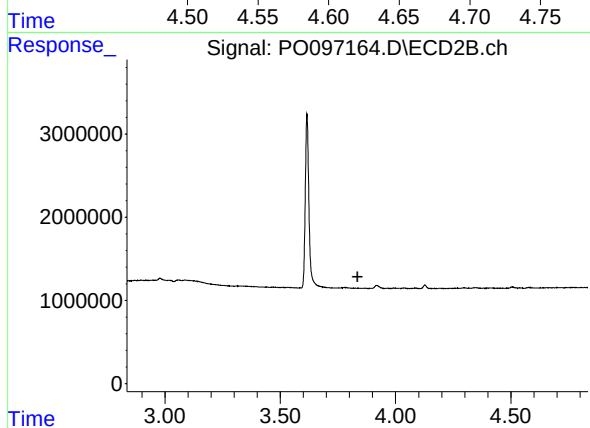
#7 AR-1016-5

R.T.: 5.139 min
Delta R.T.: -0.021 min
Response: 162688
Conc: 4.23 ng/ml



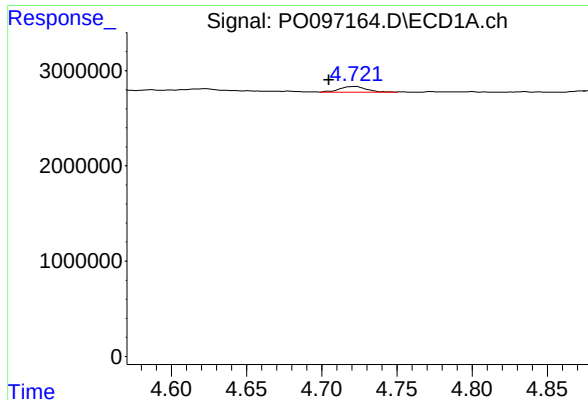
#8 AR-1221-1

R.T.: 4.623 min
Delta R.T.: 0.005 min
Response: 436595
Conc: 10.71 ng/ml



#8 AR-1221-1

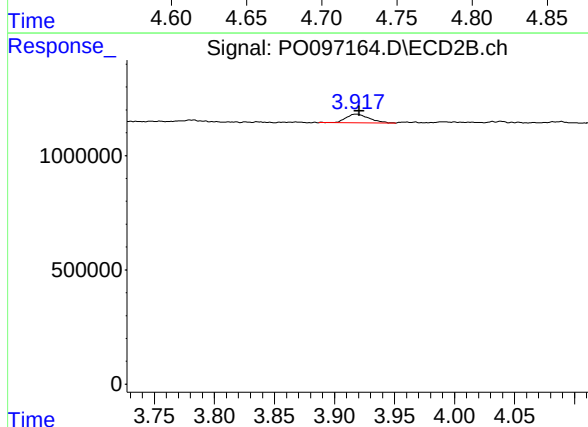
R.T.: 0.000 min
Exp R.T. : 3.835 min
Response: 0
Conc: N.D.



#9 AR-1221-2

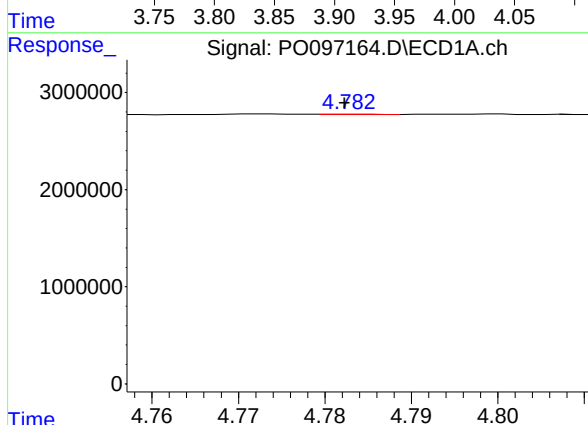
R.T.: 4.722 min
Delta R.T.: 0.017 min
Response: 738459
Conc: 24.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



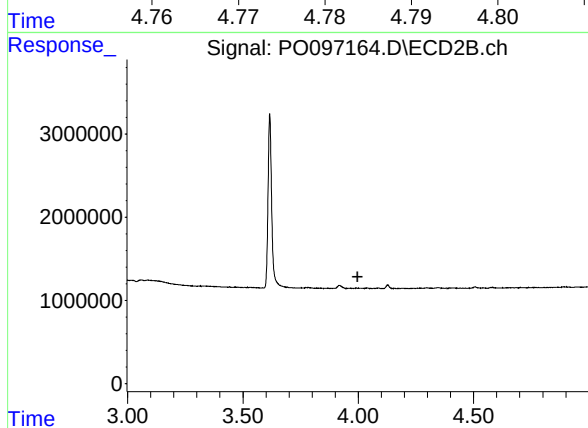
#9 AR-1221-2

R.T.: 3.918 min
Delta R.T.: -0.003 min
Response: 492289
Conc: 38.10 ng/ml



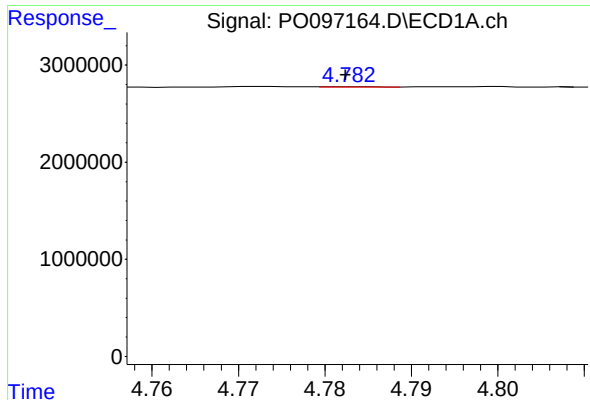
#10 AR-1221-3

R.T.: 4.783 min
Delta R.T.: 0.001 min
Response: 21069
Conc: 0.24 ng/ml



#10 AR-1221-3

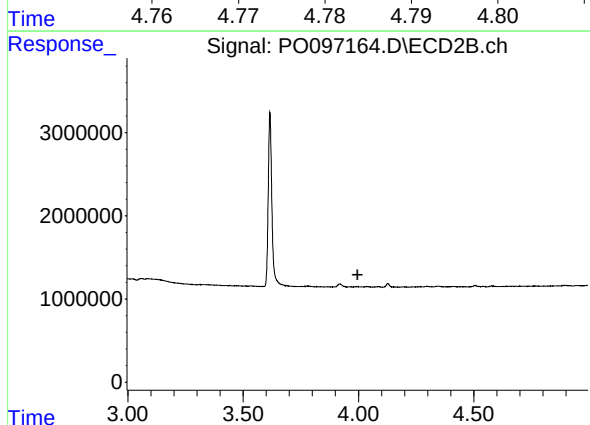
R.T.: 0.000 min
Exp R.T. : 3.997 min
Response: 0
Conc: N.D.



#11 AR-1232-1

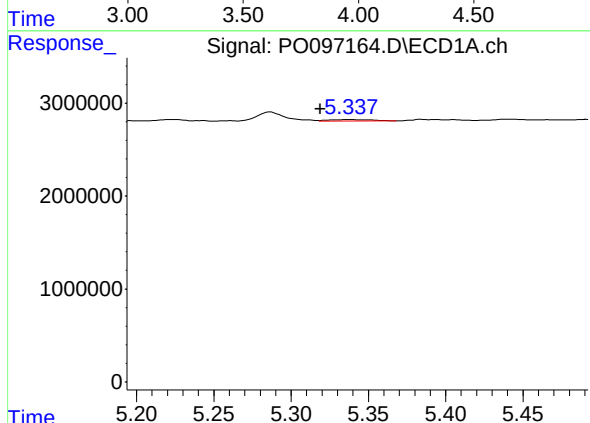
R.T.: 4.783 min
Delta R.T.: 0.001 min
Response: 21069
Conc: 0.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



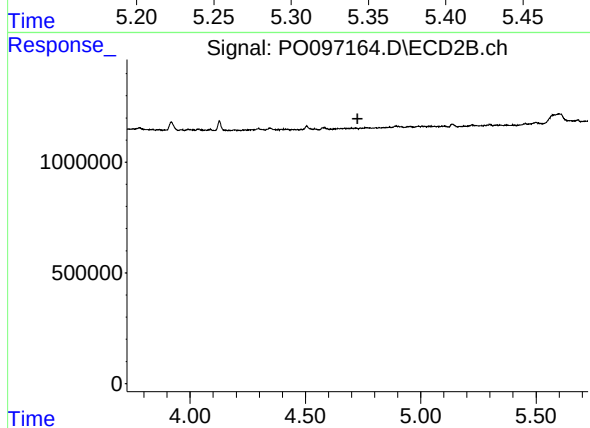
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.996 min
Response: 0
Conc: N.D.



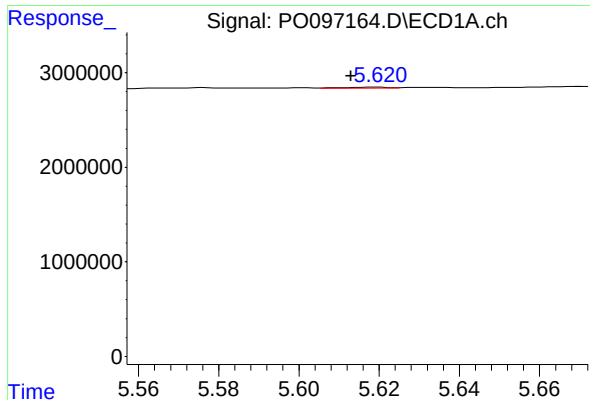
#12 AR-1232-2

R.T.: 5.338 min
Delta R.T.: 0.019 min
Response: 327489
Conc: 8.26 ng/ml



#12 AR-1232-2

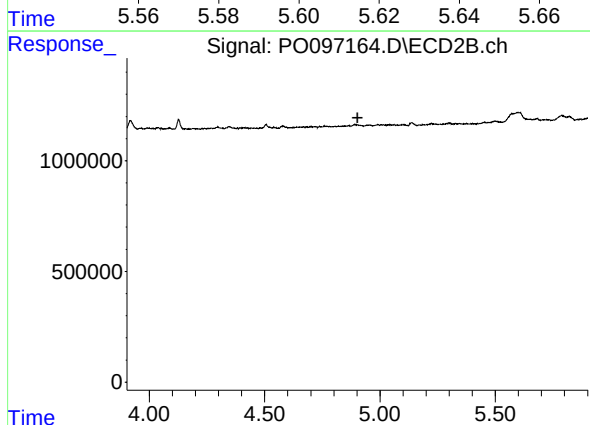
R.T.: 0.000 min
Exp R.T. : 4.726 min
Response: 0
Conc: N.D.



#13 AR-1232-3

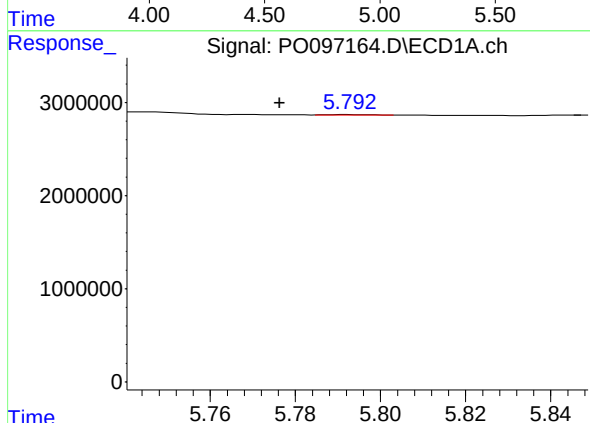
R.T.: 5.620 min
Delta R.T.: 0.007 min
Response: 91578
Conc: 1.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



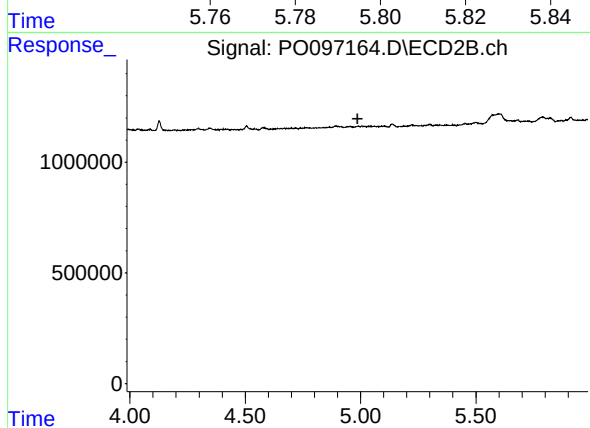
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.902 min
Response: 0
Conc: N.D.



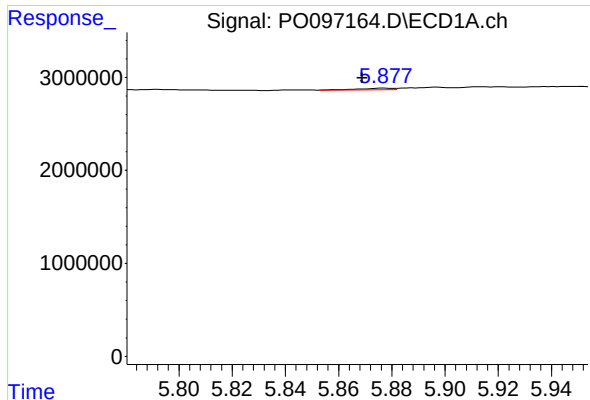
#14 AR-1232-4

R.T.: 5.793 min
Delta R.T.: 0.016 min
Response: 34738
Conc: 1.14 ng/ml



#14 AR-1232-4

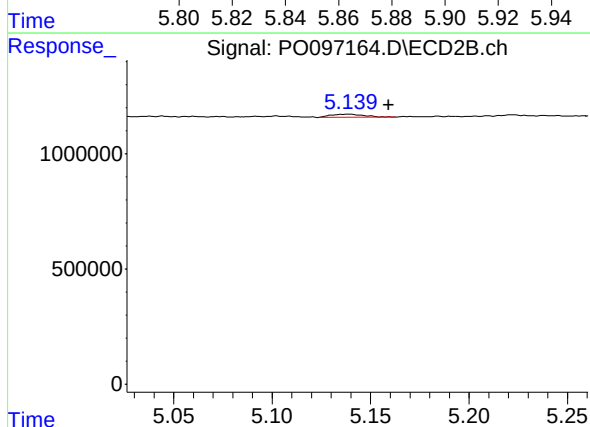
R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



#15 AR-1232-5

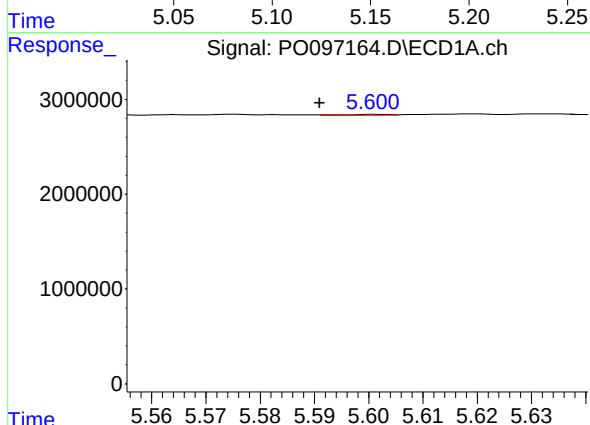
R.T.: 5.877 min
Delta R.T.: 0.009 min
Response: 145124
Conc: 5.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



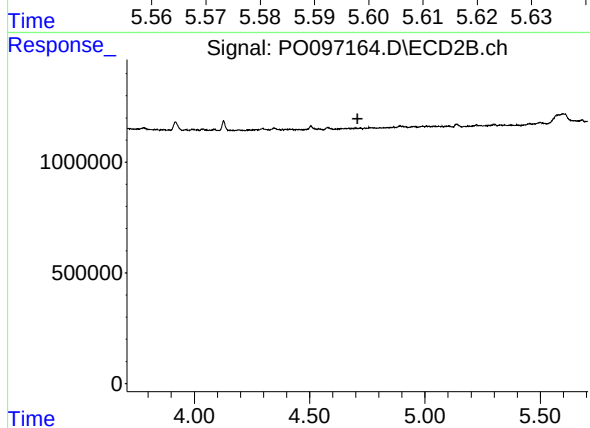
#15 AR-1232-5

R.T.: 5.139 min
Delta R.T.: -0.020 min
Response: 162688
Conc: 9.95 ng/ml



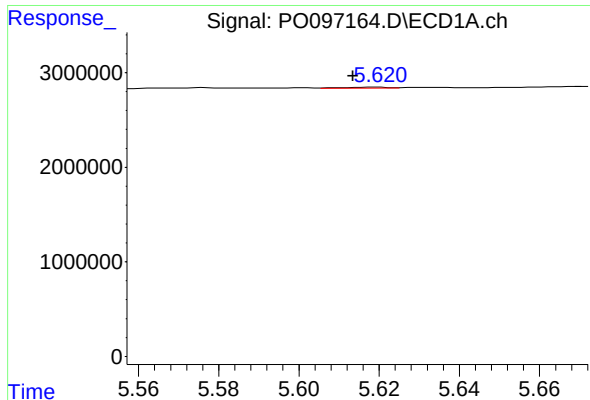
#16 AR-1242-1

R.T.: 5.601 min
Delta R.T.: 0.010 min
Response: 57455
Conc: 0.69 ng/ml



#16 AR-1242-1

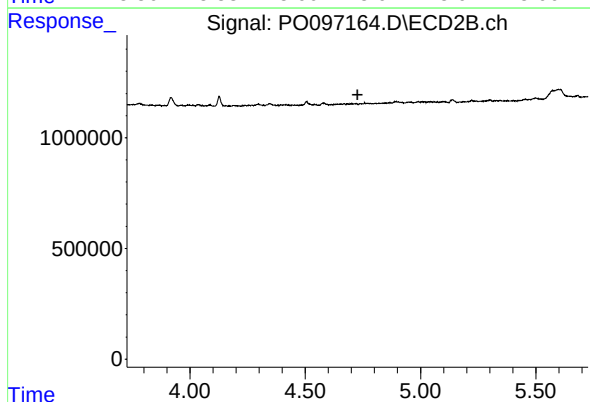
R.T.: 0.000 min
Exp R.T.: 4.708 min
Response: 0
Conc: N.D.



#17 AR-1242-2

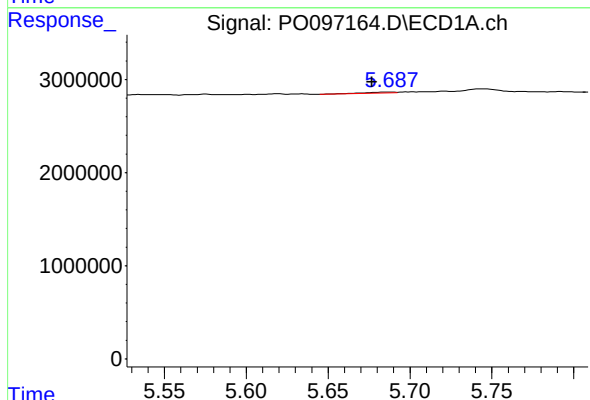
R.T.: 5.620 min
Delta R.T.: 0.006 min
Response: 91578
Conc: 0.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



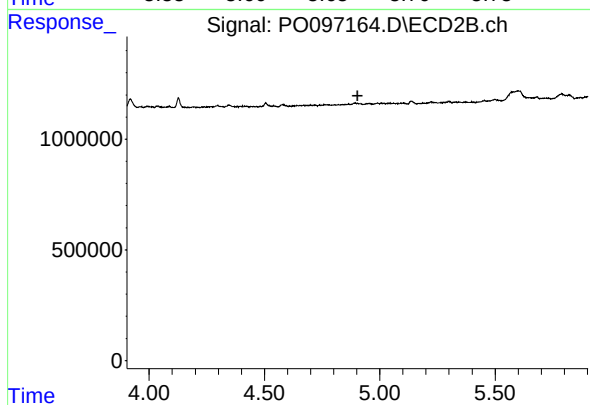
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.727 min
Response: 0
Conc: N.D.



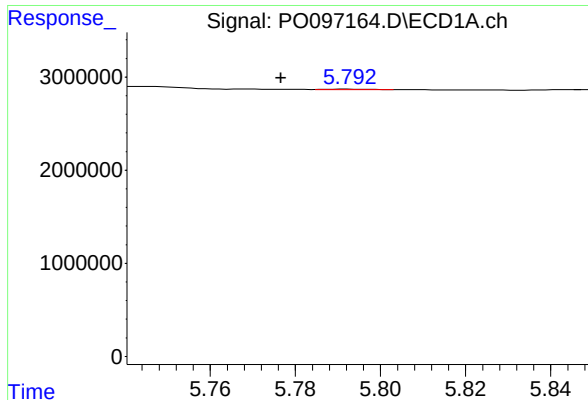
#18 AR-1242-3

R.T.: 5.688 min
Delta R.T.: 0.011 min
Response: 114073
Conc: 1.54 ng/ml



#18 AR-1242-3

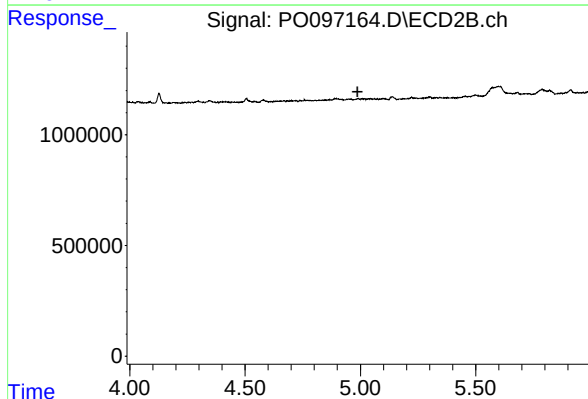
R.T.: 0.000 min
Exp R.T. : 4.903 min
Response: 0
Conc: N.D.



#19 AR-1242-4

R.T.: 5.793 min
Delta R.T.: 0.016 min
Response: 34738
Conc: 0.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



#19 AR-1242-4

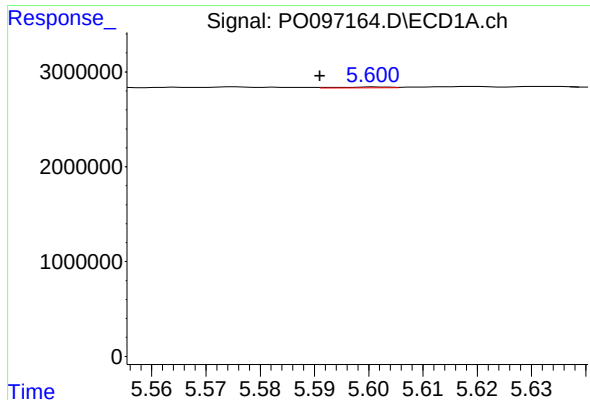
R.T.: 0.000 min
Exp R.T.: 4.987 min
Response: 0
Conc: N.D.

#20 AR-1242-5

R.T.: 6.498 min
Delta R.T.: -0.029 min
Response: 9669
Conc: 0.18 ng/ml

#20 AR-1242-5

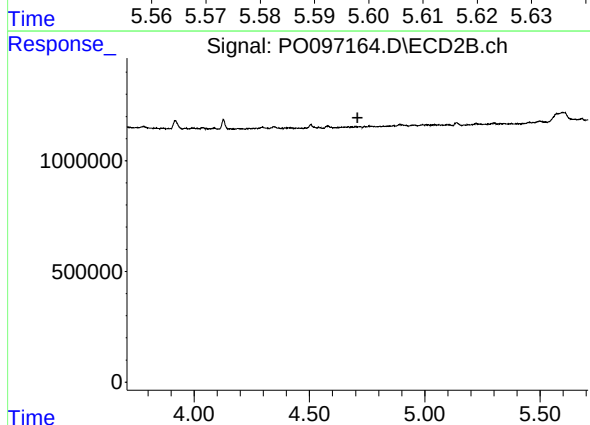
R.T.: 5.499 min
Delta R.T.: -0.013 min
Response: 123353
Conc: 3.39 ng/ml



#21 AR-1248-1

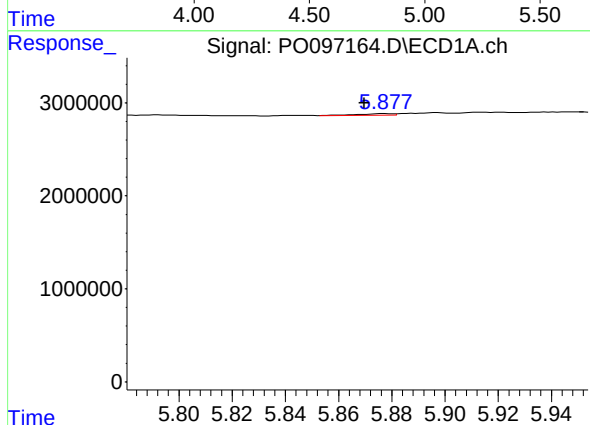
R.T.: 5.601 min
Delta R.T.: 0.010 min
Response: 57455
Conc: 0.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



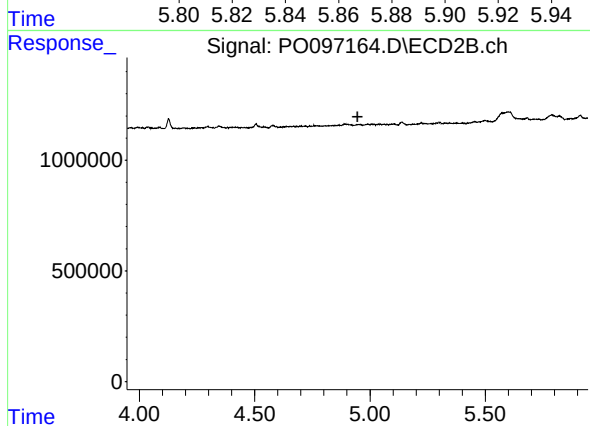
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.708 min
Response: 0
Conc: N.D.



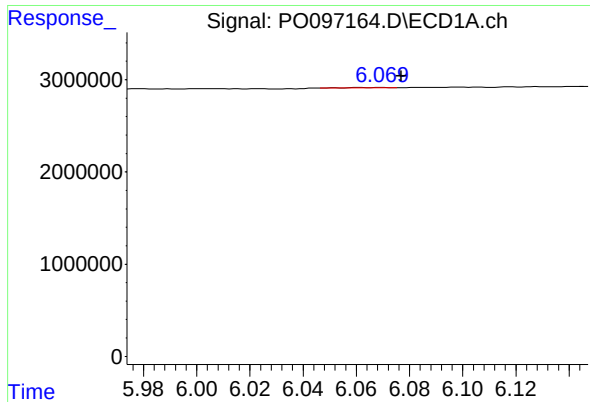
#22 AR-1248-2

R.T.: 5.877 min
Delta R.T.: 0.008 min
Response: 145124
Conc: 1.54 ng/ml



#22 AR-1248-2

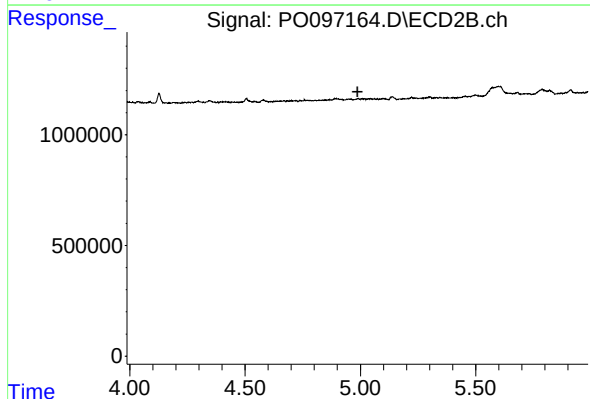
R.T.: 0.000 min
Exp R.T. : 4.946 min
Response: 0
Conc: N.D.



#23 AR-1248-3

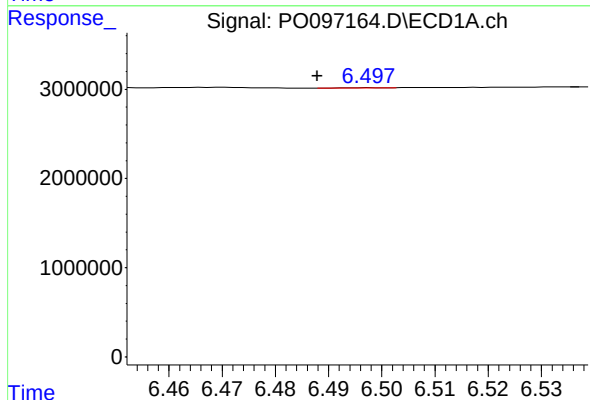
R.T.: 6.069 min
Delta R.T.: -0.008 min
Response: 37500
Conc: 0.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



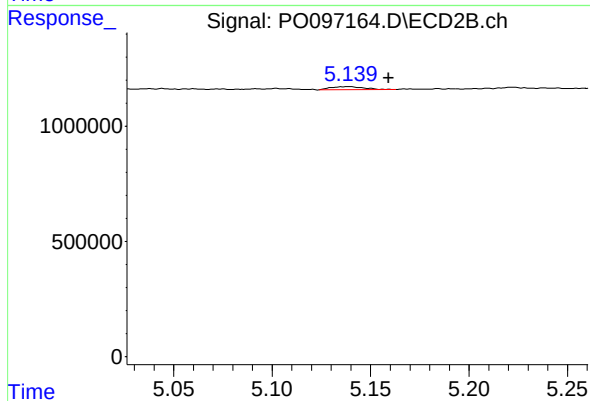
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 4.987 min
Response: 0
Conc: N.D.



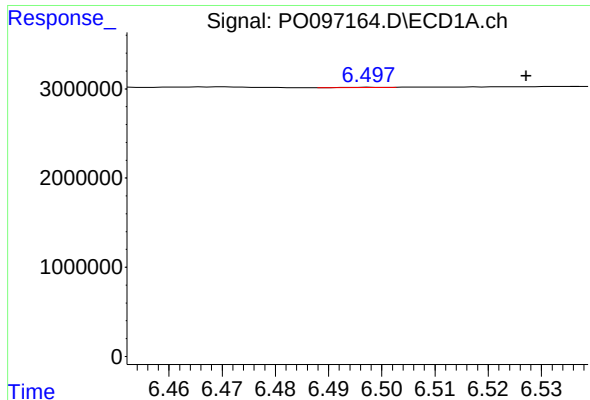
#24 AR-1248-4

R.T.: 6.498 min
Delta R.T.: 0.010 min
Response: 9669
Conc: 0.11 ng/ml



#24 AR-1248-4

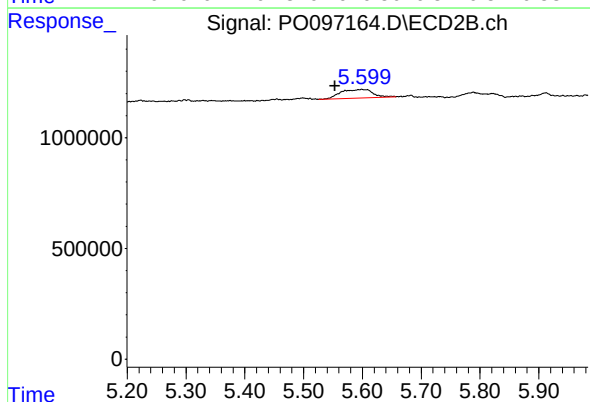
R.T.: 5.139 min
Delta R.T.: -0.021 min
Response: 162688
Conc: 3.19 ng/ml



#25 AR-1248-5

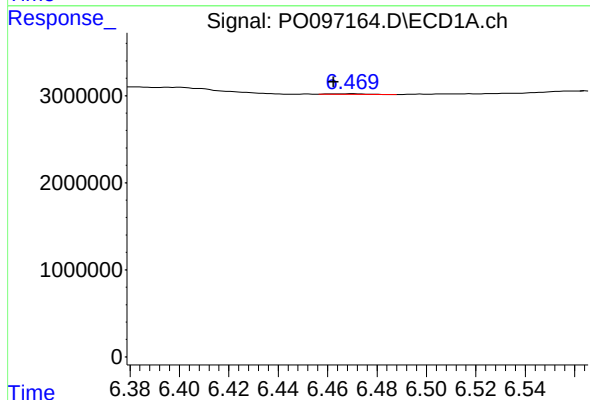
R.T.: 6.498 min
Delta R.T.: -0.030 min
Response: 9669
Conc: 0.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



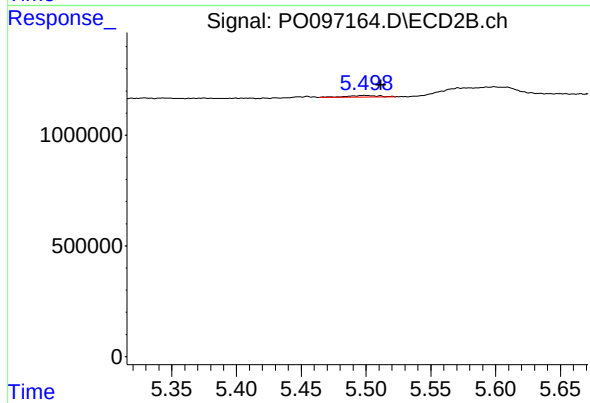
#25 AR-1248-5

R.T.: 5.599 min
Delta R.T.: 0.045 min
Response: 1453448
Conc: 31.09 ng/ml



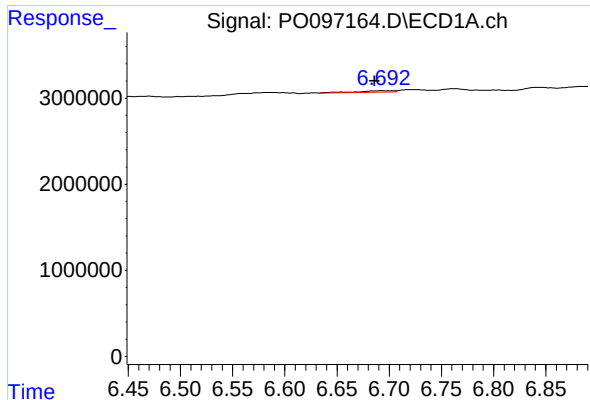
#26 AR-1254-1

R.T.: 6.470 min
Delta R.T.: 0.007 min
Response: 79618
Conc: 0.73 ng/ml



#26 AR-1254-1

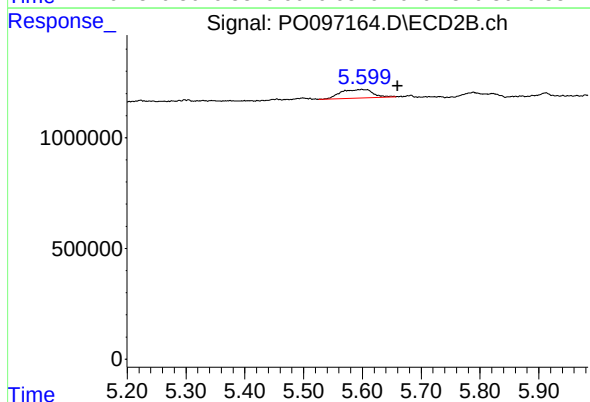
R.T.: 5.499 min
Delta R.T.: -0.012 min
Response: 123353
Conc: 1.67 ng/ml



#27 AR-1254-2

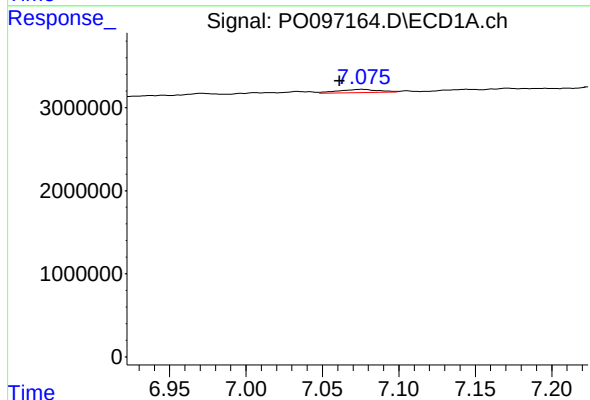
R.T.: 6.693 min
Delta R.T.: 0.007 min
Response: 441321
Conc: 2.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



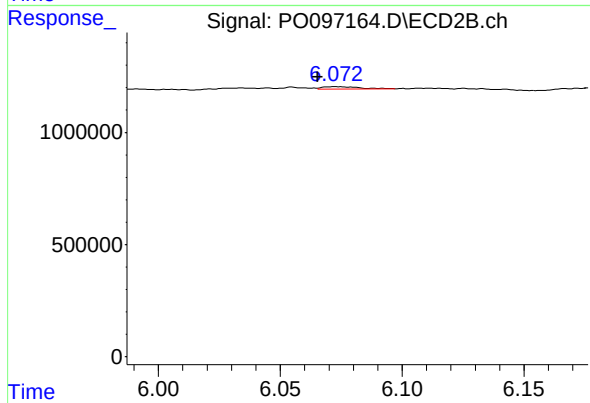
#27 AR-1254-2

R.T.: 5.599 min
Delta R.T.: -0.061 min
Response: 1453448
Conc: 22.06 ng/ml



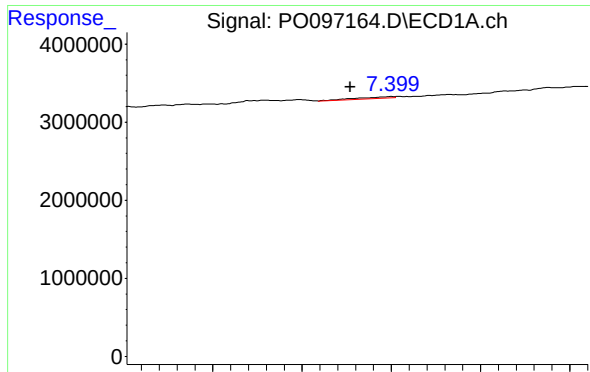
#28 AR-1254-3

R.T.: 7.076 min
Delta R.T.: 0.015 min
Response: 675872
Conc: 4.31 ng/ml



#28 AR-1254-3

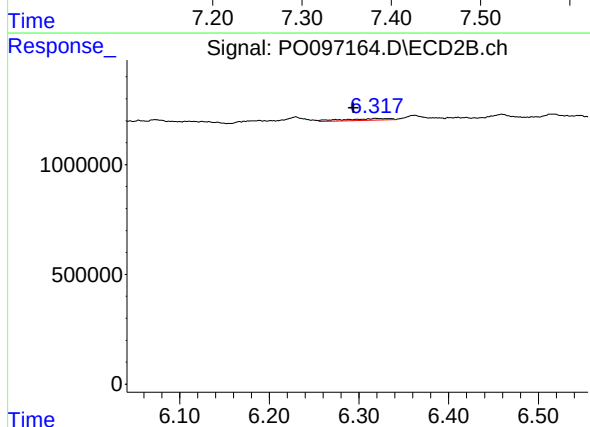
R.T.: 6.073 min
Delta R.T.: 0.008 min
Response: 106310
Conc: 1.05 ng/ml



#29 AR-1254-4

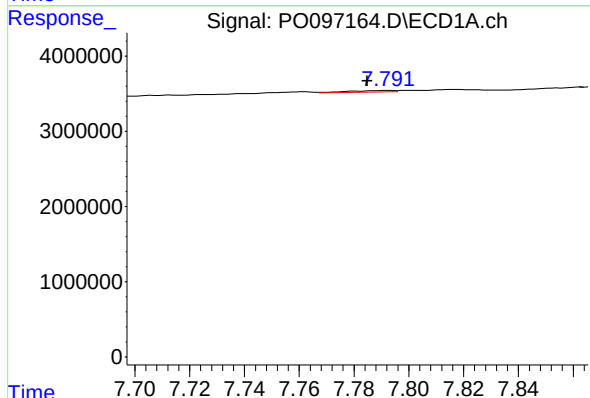
R.T.: 7.400 min
Delta R.T.: 0.045 min
Response: 562581
Conc: 5.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



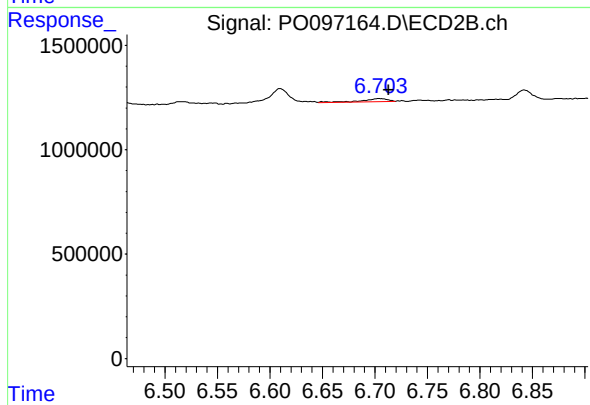
#29 AR-1254-4

R.T.: 6.319 min
Delta R.T.: 0.025 min
Response: 257549
Conc: 4.45 ng/ml



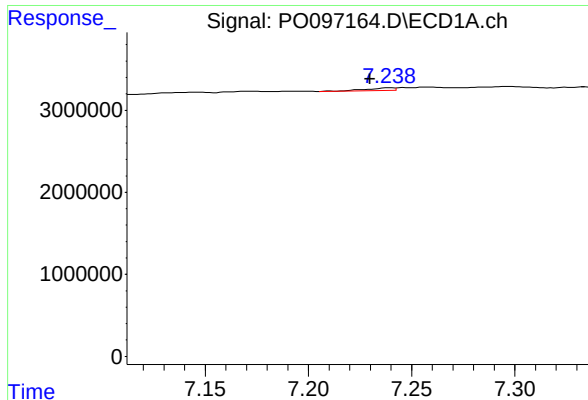
#30 AR-1254-5

R.T.: 7.792 min
Delta R.T.: 0.007 min
Response: 245487
Conc: 2.19 ng/ml



#30 AR-1254-5

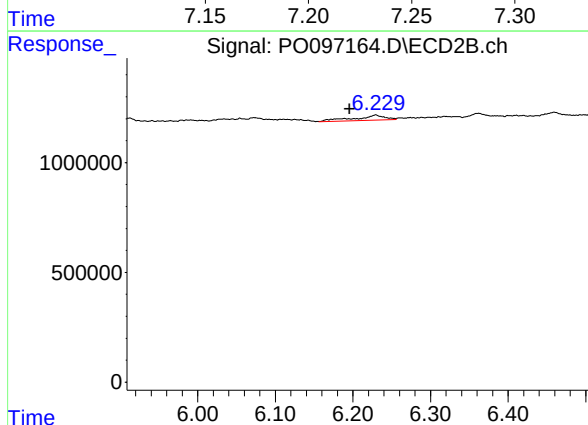
R.T.: 6.704 min
Delta R.T.: -0.009 min
Response: 276661
Conc: 3.15 ng/ml



#31 AR-1260-1

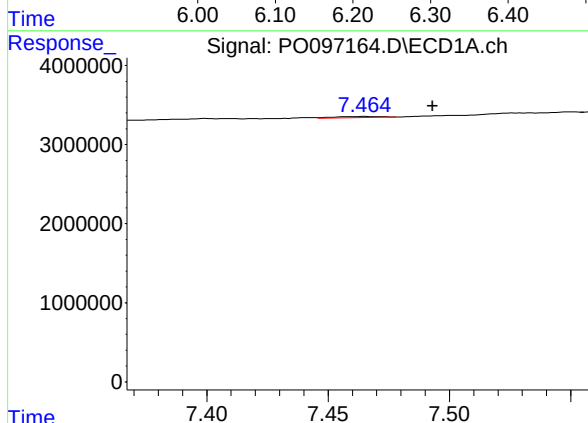
R.T.: 7.239 min
Delta R.T.: 0.009 min
Response: 313843
Conc: 2.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



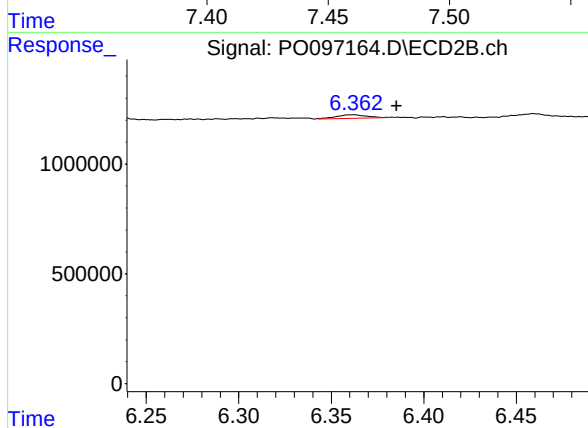
#31 AR-1260-1

R.T.: 6.230 min
Delta R.T.: 0.034 min
Response: 589111
Conc: 8.37 ng/ml



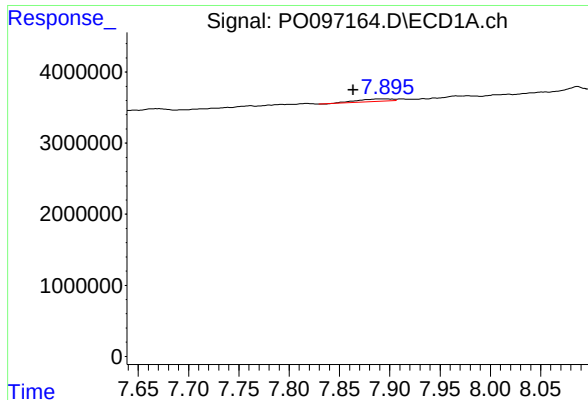
#32 AR-1260-2

R.T.: 7.465 min
Delta R.T.: -0.028 min
Response: 163303
Conc: 1.21 ng/ml



#32 AR-1260-2

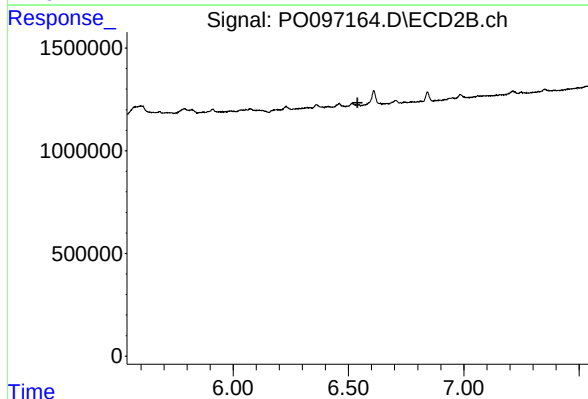
R.T.: 6.362 min
Delta R.T.: -0.023 min
Response: 180188
Conc: 2.16 ng/ml



#33 AR-1260-3

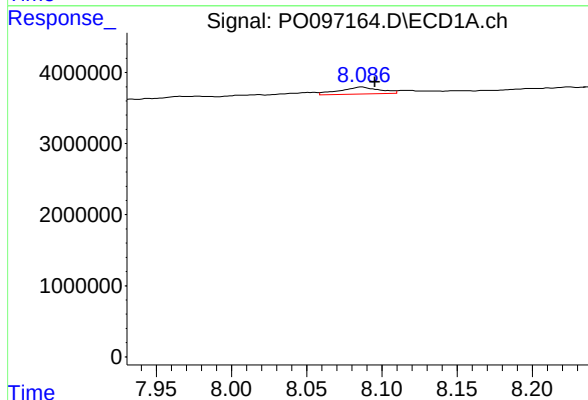
R.T.: 7.894 min
Delta R.T.: 0.031 min
Response: 827860
Conc: 7.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



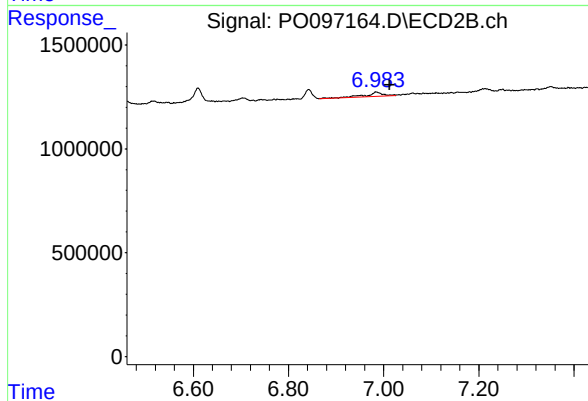
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.539 min
Response: 0
Conc: N.D.



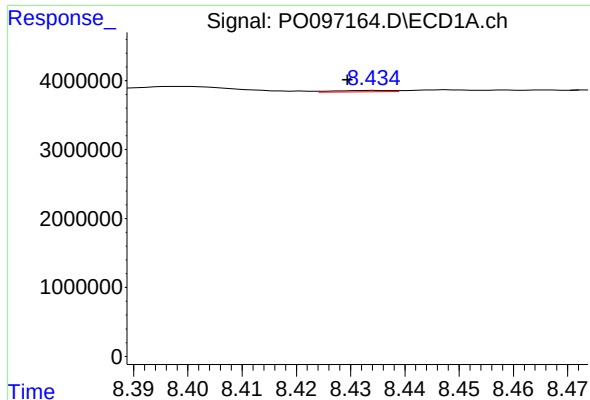
#34 AR-1260-4

R.T.: 8.087 min
Delta R.T.: -0.009 min
Response: 1800208
Conc: 16.10 ng/ml



#34 AR-1260-4

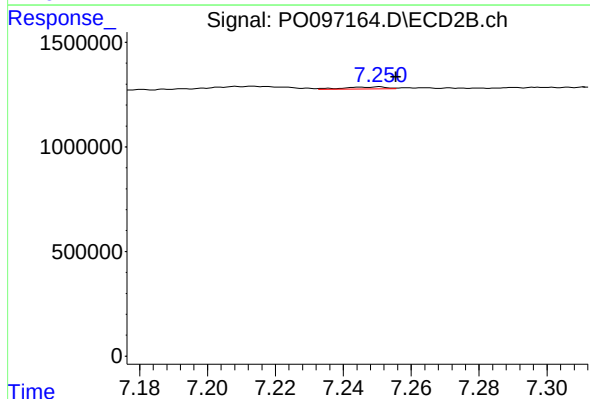
R.T.: 6.984 min
Delta R.T.: -0.028 min
Response: 505382
Conc: 7.89 ng/ml



#35 AR-1260-5

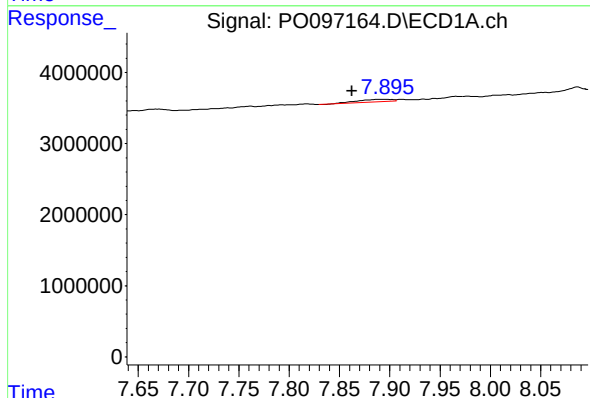
R.T.: 8.435 min
Delta R.T.: 0.006 min
Response: 143601
Conc: 0.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



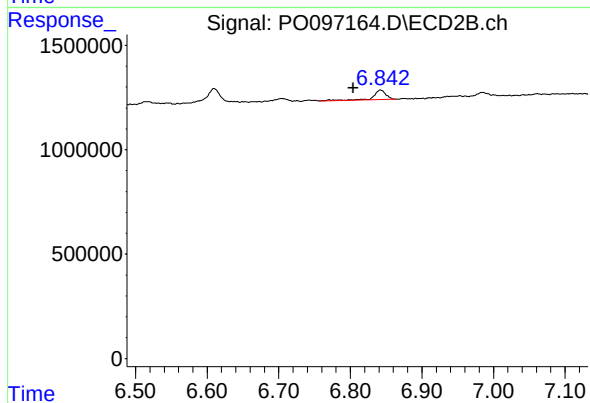
#35 AR-1260-5

R.T.: 7.250 min
Delta R.T.: -0.005 min
Response: 84450
Conc: 0.61 ng/ml



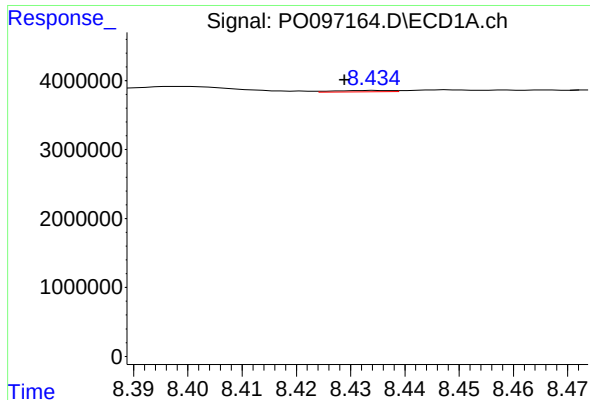
#36 AR-1262-1

R.T.: 7.894 min
Delta R.T.: 0.032 min
Response: 827860
Conc: 5.57 ng/ml



#36 AR-1262-1

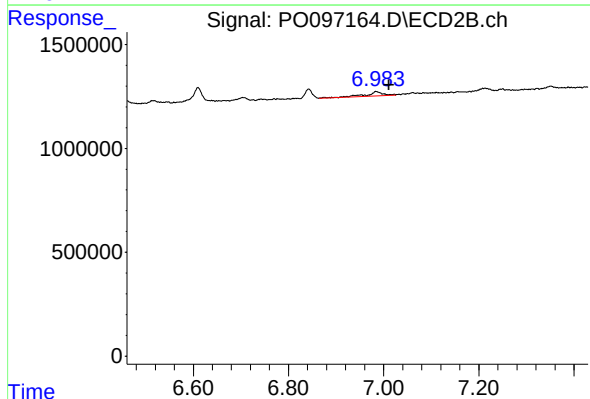
R.T.: 6.842 min
Delta R.T.: 0.038 min
Response: 542335
Conc: 13.78 ng/ml



#37 AR-1262-2

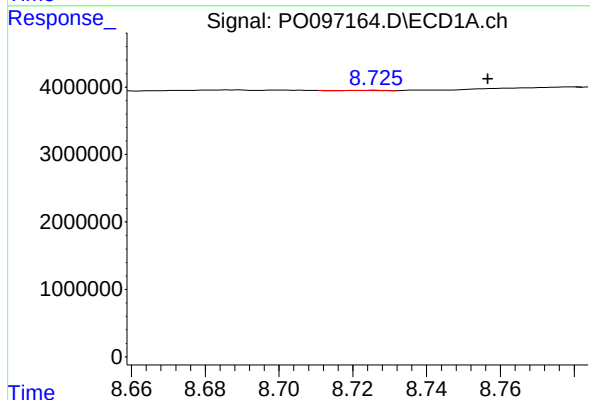
R.T.: 8.435 min
Delta R.T.: 0.006 min
Response: 143601
Conc: 0.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



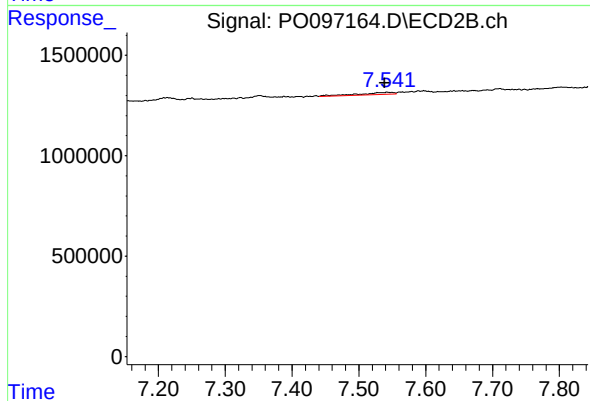
#37 AR-1262-2

R.T.: 6.984 min
Delta R.T.: -0.027 min
Response: 505382
Conc: 6.23 ng/ml



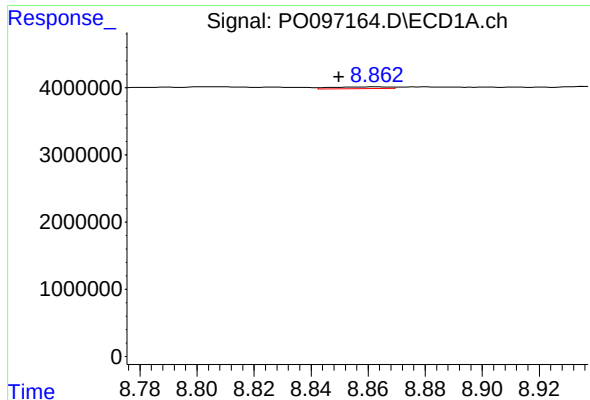
#38 AR-1262-3

R.T.: 8.726 min
Delta R.T.: -0.031 min
Response: 16128
Conc: 0.10 ng/ml



#38 AR-1262-3

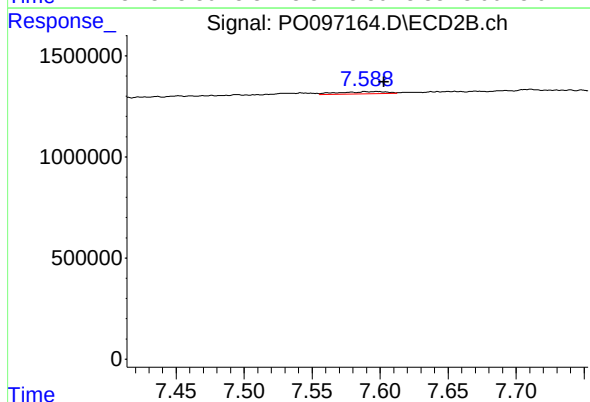
R.T.: 7.542 min
Delta R.T.: 0.003 min
Response: 363942
Conc: 5.67 ng/ml



#39 AR-1262-4

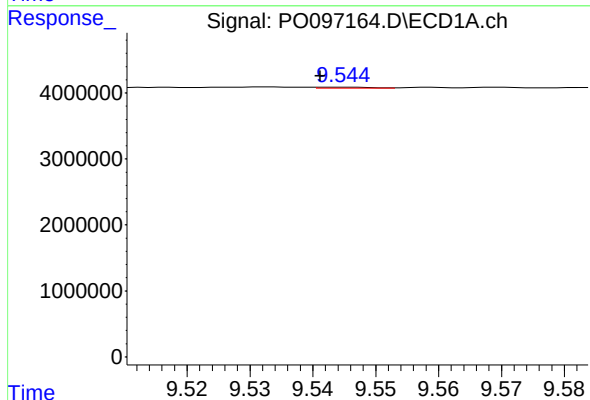
R.T.: 8.863 min
Delta R.T.: 0.013 min
Response: 346966
Conc: 4.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



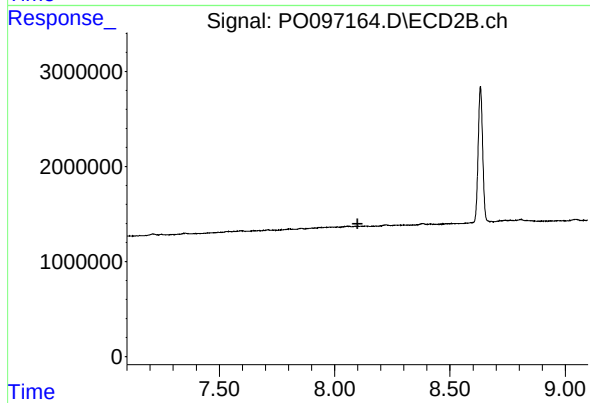
#39 AR-1262-4

R.T.: 7.597 min
Delta R.T.: -0.006 min
Response: 266448
Conc: 2.35 ng/ml



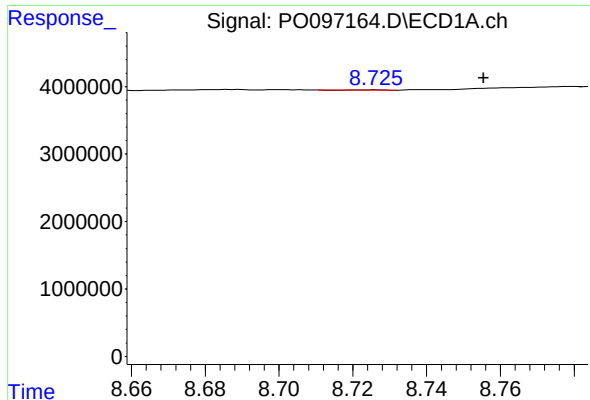
#40 AR-1262-5

R.T.: 9.546 min
Delta R.T.: 0.004 min
Response: 82748
Conc: 0.99 ng/ml



#40 AR-1262-5

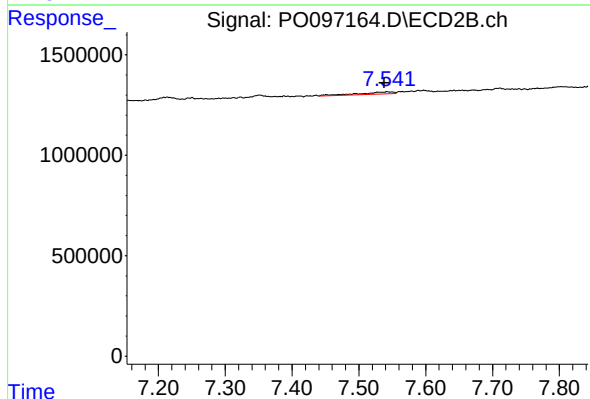
R.T.: 0.000 min
Exp R.T. : 8.099 min
Response: 0
Conc: N.D.



#41 AR-1268-1

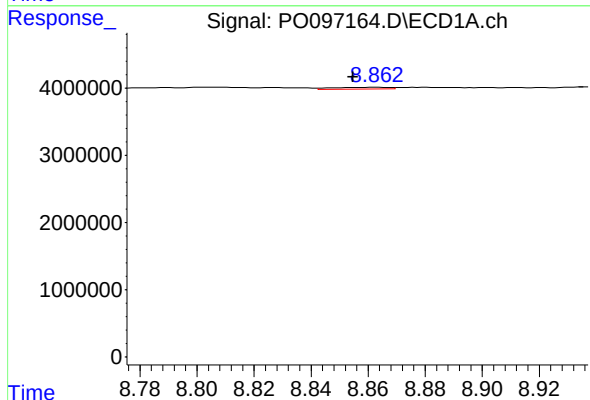
R.T.: 8.726 min
Delta R.T.: -0.029 min
Response: 16128
Conc: 0.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



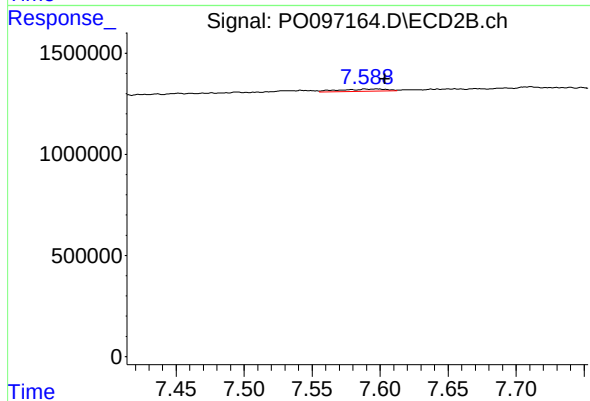
#41 AR-1268-1

R.T.: 7.542 min
Delta R.T.: 0.004 min
Response: 363942
Conc: 1.96 ng/ml



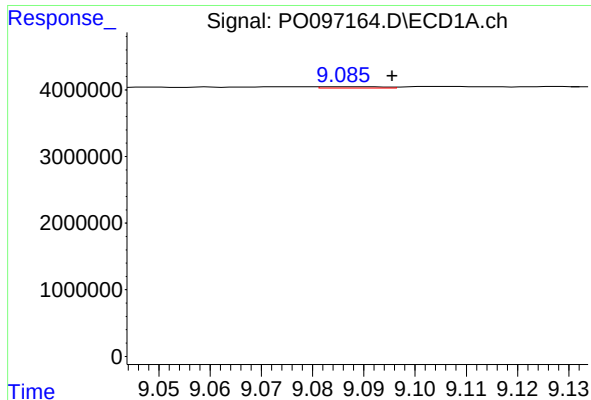
#42 AR-1268-2

R.T.: 8.863 min
Delta R.T.: 0.008 min
Response: 346966
Conc: 1.27 ng/ml



#42 AR-1268-2

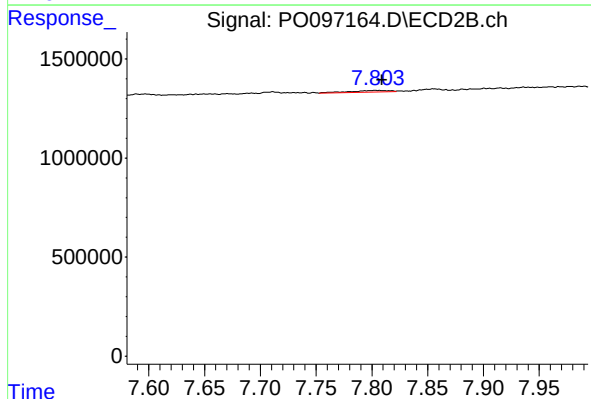
R.T.: 7.597 min
Delta R.T.: -0.006 min
Response: 266448
Conc: 1.59 ng/ml



#43 AR-1268-3

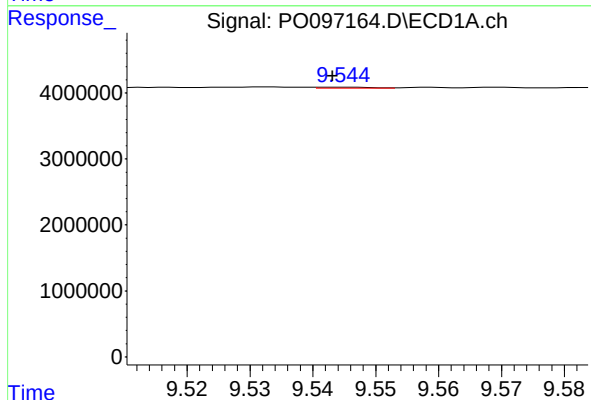
R.T.: 9.086 min
Delta R.T.: -0.010 min
Response: 167396
Conc: 0.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



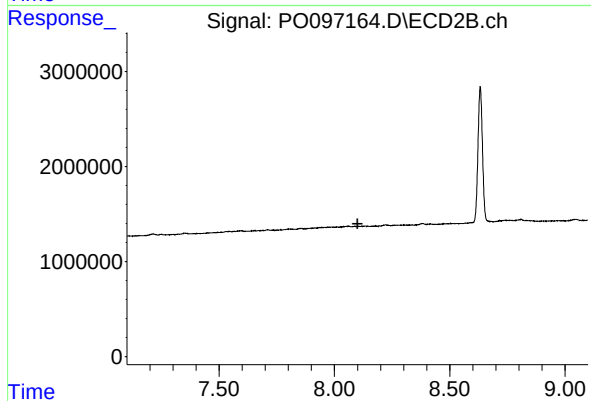
#43 AR-1268-3

R.T.: 7.804 min
Delta R.T.: -0.006 min
Response: 189629
Conc: 1.31 ng/ml



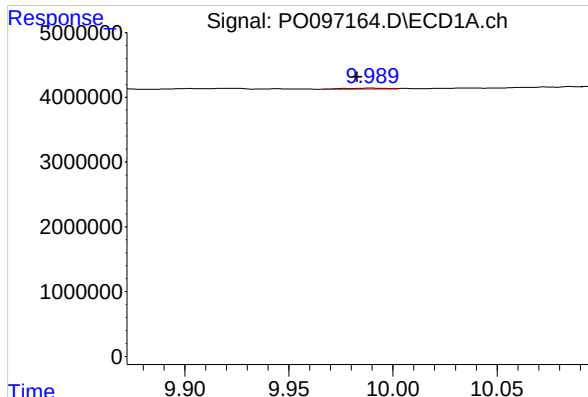
#44 AR-1268-4

R.T.: 9.546 min
Delta R.T.: 0.002 min
Response: 82748
Conc: 0.89 ng/ml



#44 AR-1268-4

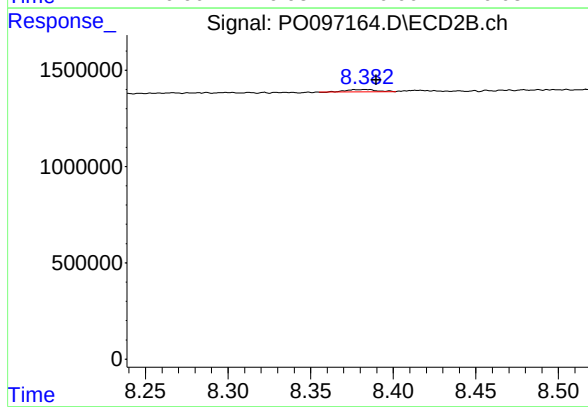
R.T.: 0.000 min
Exp R.T. : 8.100 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.990 min
Delta R.T.: 0.007 min
Response: 195863
Conc: 0.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.384 min
Delta R.T.: -0.006 min
Response: 155421
Conc: 0.37 ng/ml