

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0042123\
 Data File : P0094481.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2023 09:14
 Operator : YP/AJ
 Sample : HEXANE
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 21:29:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0041923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 20 05:15:06 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...	4.418	0.000	62753	0	0.020	N.D. #
2)	SA Decachlor...	10.266	0.000	103949	0	0.049	N.D. #
Target Compounds							
3)	L1 AR-1016-1	5.602	0.000	38004	0	0.418	N.D. #
4)	L1 AR-1016-2	5.620	0.000	44509	0	0.317	N.D. #
5)	L1 AR-1016-3	5.680	0.000	42981	0	0.476	N.D. #
6)	L1 AR-1016-4	5.770	0.000	38378	0	0.562	N.D. #
7)	L1 AR-1016-5	6.068	5.155	1061456	875889	13.889	25.071 #
8)	L2 AR-1221-1	4.620	0.000	130948	0	3.188	N.D. #
9)	L2 AR-1221-2	4.700	0.000	47300	0	1.562	N.D. #
10)	L2 AR-1221-3	4.788	0.000	73441	0	0.783	N.D. #
11)	L3 AR-1232-1	4.788	0.000	73441	0	0.925	N.D. #
12)	L3 AR-1232-2	5.307	0.000	108351	0	2.757	N.D. #
13)	L3 AR-1232-3	5.620	0.000	44509	0	0.665	N.D. #
14)	L3 AR-1232-4	5.770	0.000	38378	0	1.197	N.D. #
15)	L3 AR-1232-5	5.872	5.155	175352	875889	5.812	53.965 #
16)	L4 AR-1242-1	5.602	0.000	38004	0	0.481	N.D. #
17)	L4 AR-1242-2	5.620	0.000	44509	0	0.367	N.D. #
18)	L4 AR-1242-3	5.680	0.000	42981	0	0.548	N.D. #
19)	L4 AR-1242-4	5.770	0.000	38378	0	0.658	N.D. #
20)	L4 AR-1242-5	6.519	5.527	2449629	614360	40.970	20.895 #
21)	L5 AR-1248-1	5.602	0.000	38004	0	0.630	N.D. #
22)	L5 AR-1248-2	5.872	0.000	175352	0	1.699	N.D. #
23)	L5 AR-1248-3	6.068	0.000	1061456	0	9.661	N.D. #
24)	L5 AR-1248-4	6.488	5.155	554768	875889	5.665	18.083 #
25)	L5 AR-1248-5	6.519	5.527	2449629	614360	23.340	16.029 #
26)	L6 AR-1254-1	6.462	5.527	3348891	614360	27.082	8.790 #
27)	L6 AR-1254-2	6.702	0.000	3828492	0	21.147	N.D. #
28)	L6 AR-1254-3	7.049	0.000	1180292	0	6.919	N.D. #
29)	L6 AR-1254-4	7.333	6.310	861693	6129981	9.144	144.673 #
30)	L6 AR-1254-5	7.758	0.000	33759	0	0.283	N.D. #
31)	L7 AR-1260-1	7.215	0.000	101726	0	0.761	N.D. #
32)	L7 AR-1260-2	7.467	6.355	1083736	286219	7.742	3.850 #
33)	L7 AR-1260-3	7.831	0.000	166649	0	1.461	N.D. #
34)	L7 AR-1260-4	8.067	0.000	120788	0	1.009	N.D. #
35)	L7 AR-1260-5	8.392	0.000	537027	0	2.604	N.D. #
36)	L8 AR-1262-1	7.831	0.000	166649	0	1.038	N.D. #
37)	L8 AR-1262-2	8.392	0.000	537027	0	2.458	N.D. #
38)	L8 AR-1262-3	8.713	0.000	78919	0	0.503	N.D. #
39)	L8 AR-1262-4	8.796	0.000	82076	0	0.891	N.D. #
40)	L8 AR-1262-5	9.480	0.000	20606	0	0.282	N.D. #
41)	L9 AR-1268-1	8.713	0.000	78919	0	0.249	N.D. #

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 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	8.796	0.000	82076	0	0.291	N.D.	#
43)	L9 AR-1268-3	9.043	0.000	9340	0	0.035	N.D.	#
44)	L9 AR-1268-4	9.480	0.000	20606	0	0.244	N.D.	#
45)	L9 AR-1268-5	9.917	0.000	115196	0	0.144	N.D.	#

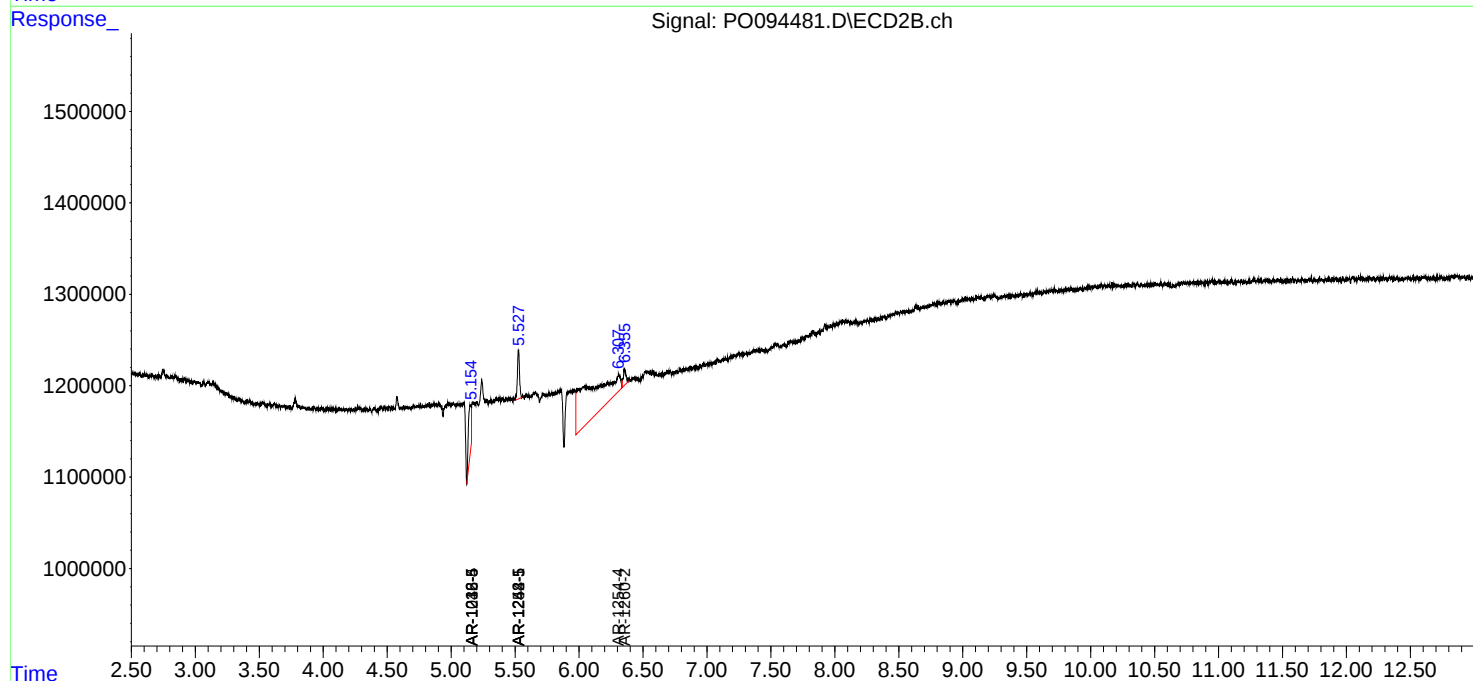
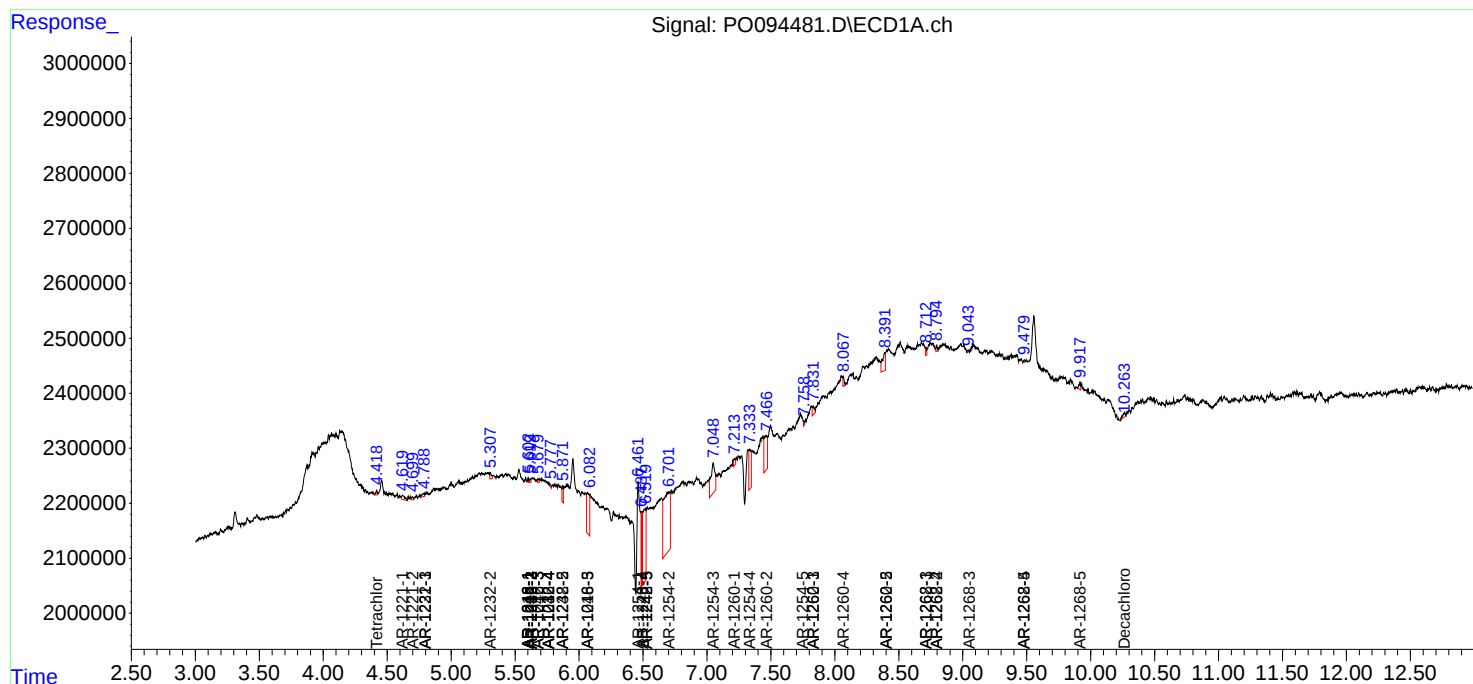
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

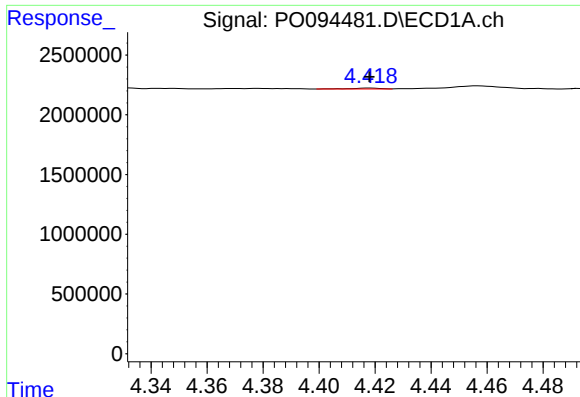
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Acq On : 21 Apr 2023 09:14
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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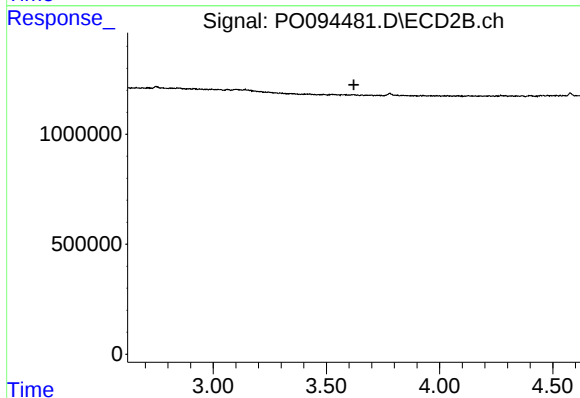




#1 Tetrachloro-m-xylene

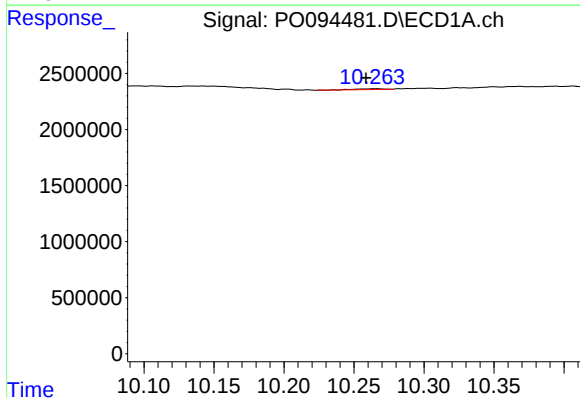
R.T.: 4.418 min
Delta R.T.: 0.000 min
Response: 62753
Conc: 0.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



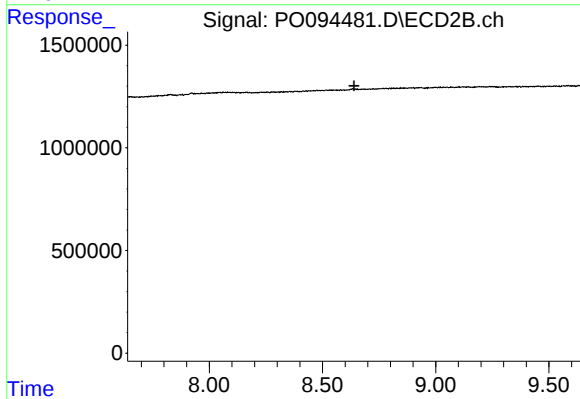
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 3.621 min
Response: 0
Conc: N.D.



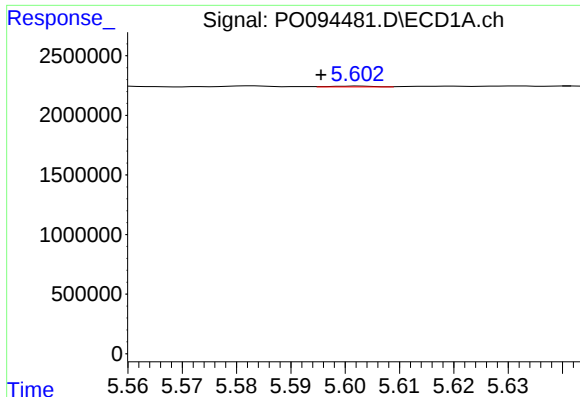
#2 Decachlorobiphenyl

R.T.: 10.266 min
Delta R.T.: 0.007 min
Response: 103949
Conc: 0.05 ng/ml



#2 Decachlorobiphenyl

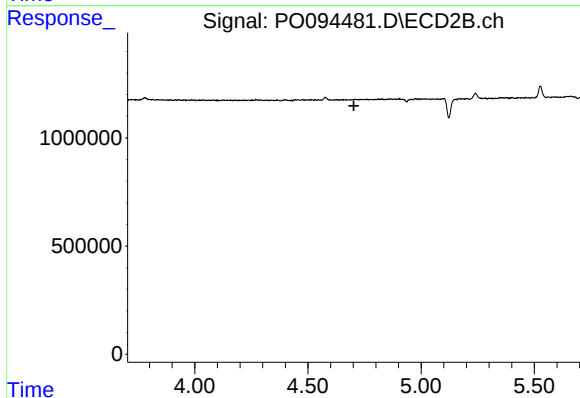
R.T.: 0.000 min
Exp R.T. : 8.639 min
Response: 0
Conc: N.D.



#3 AR-1016-1

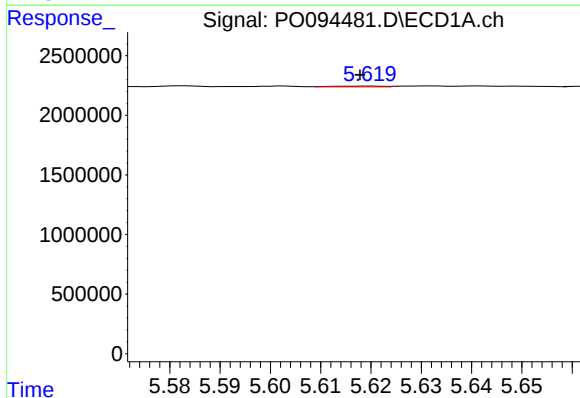
R.T.: 5.602 min
Delta R.T.: 0.007 min
Response: 38004
Conc: 0.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



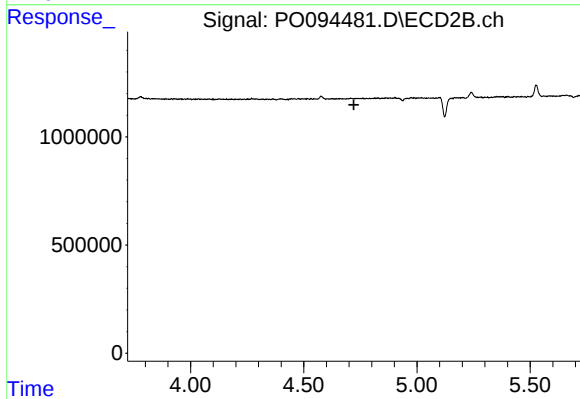
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.703 min
Response: 0
Conc: N.D.



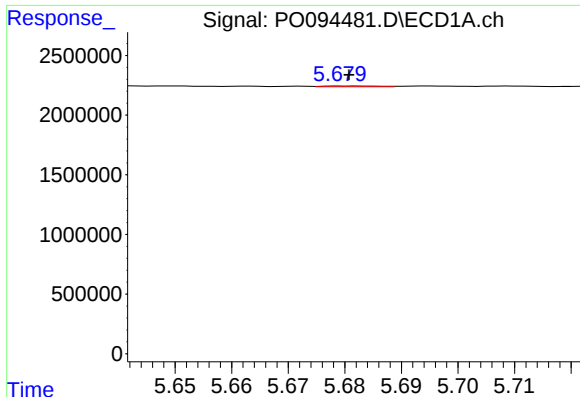
#4 AR-1016-2

R.T.: 5.620 min
Delta R.T.: 0.002 min
Response: 44509
Conc: 0.32 ng/ml



#4 AR-1016-2

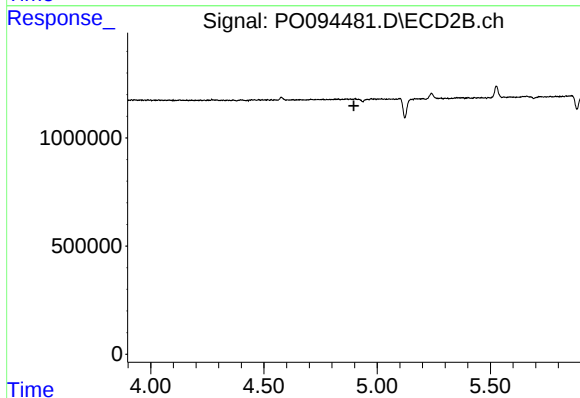
R.T.: 0.000 min
Exp R.T. : 4.721 min
Response: 0
Conc: N.D.



#5 AR-1016-3

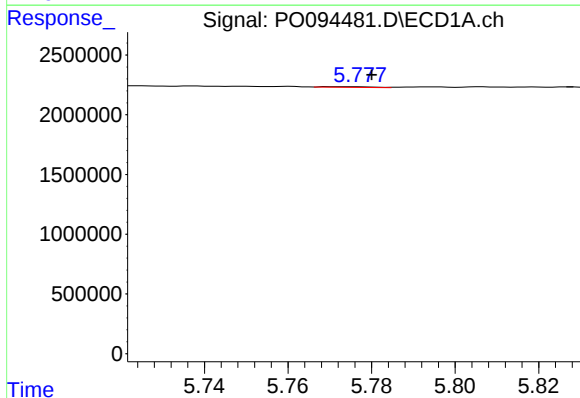
R.T.: 5.680 min
Delta R.T.: 0.000 min
Response: 42981
Conc: 0.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



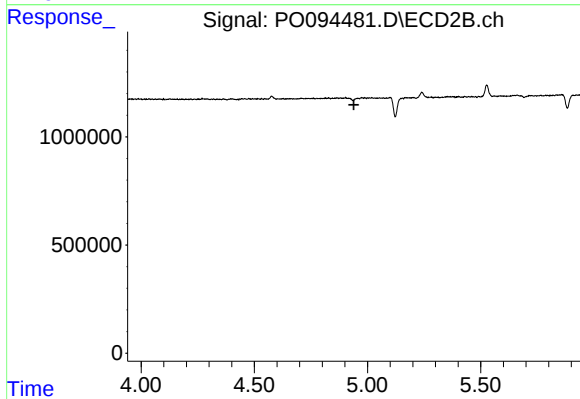
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.



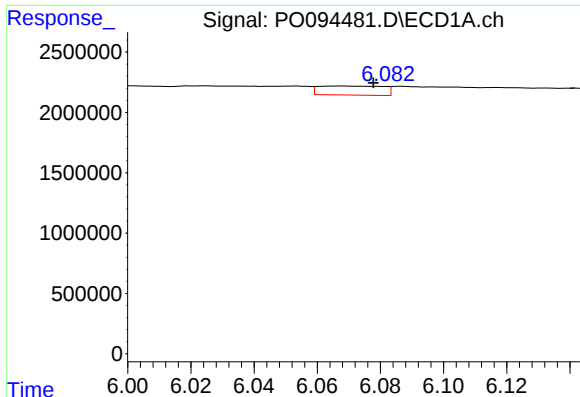
#6 AR-1016-4

R.T.: 5.770 min
Delta R.T.: -0.010 min
Response: 38378
Conc: 0.56 ng/ml



#6 AR-1016-4

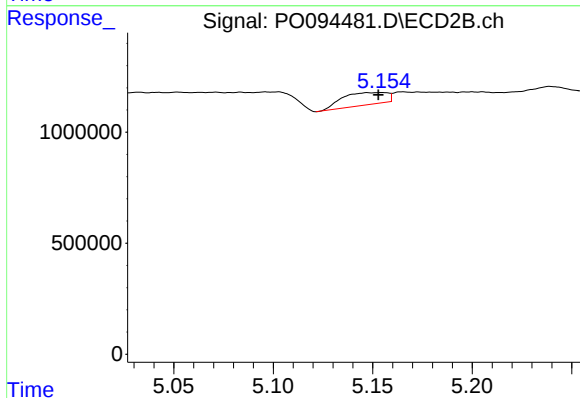
R.T.: 0.000 min
Exp R.T. : 4.940 min
Response: 0
Conc: N.D.



#7 AR-1016-5

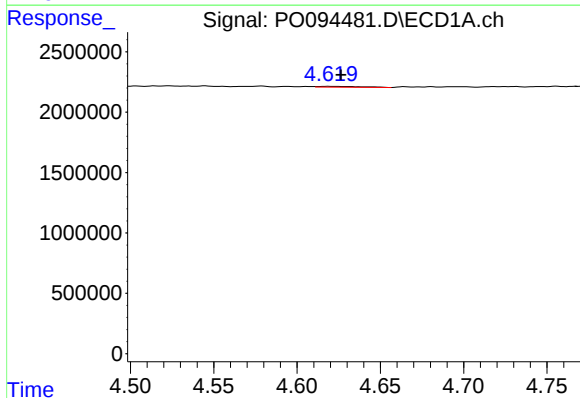
R.T.: 6.068 min
Delta R.T.: -0.010 min
Response: 1061456
Conc: 13.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



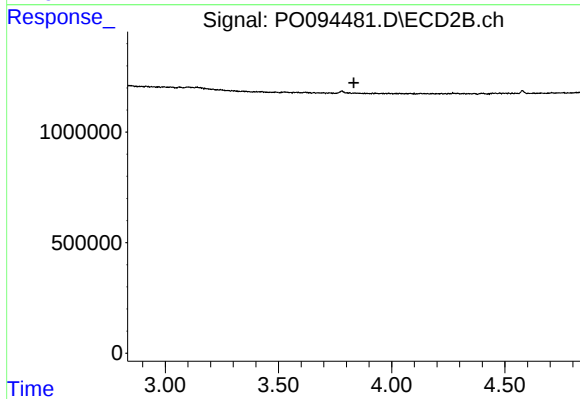
#7 AR-1016-5

R.T.: 5.155 min
Delta R.T.: 0.002 min
Response: 875889
Conc: 25.07 ng/ml



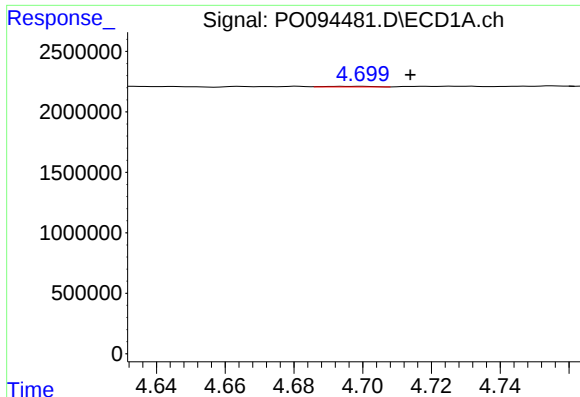
#8 AR-1221-1

R.T.: 4.620 min
Delta R.T.: -0.006 min
Response: 130948
Conc: 3.19 ng/ml



#8 AR-1221-1

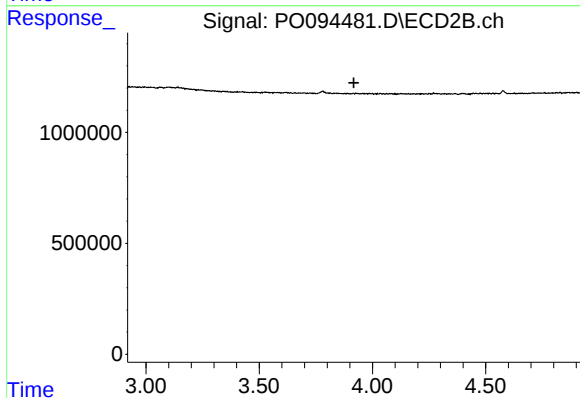
R.T.: 0.000 min
Exp R.T. : 3.833 min
Response: 0
Conc: N.D.



#9 AR-1221-2

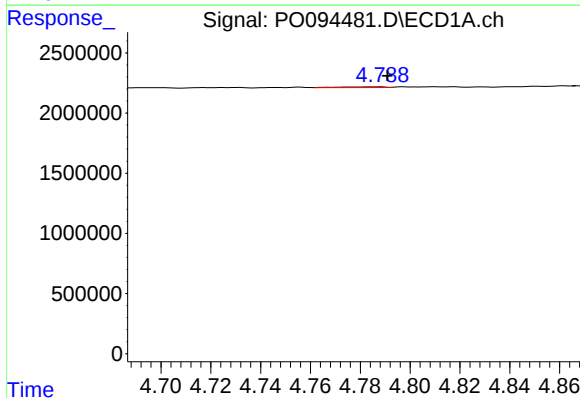
R.T.: 4.700 min
Delta R.T.: -0.014 min
Response: 47300
Conc: 1.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



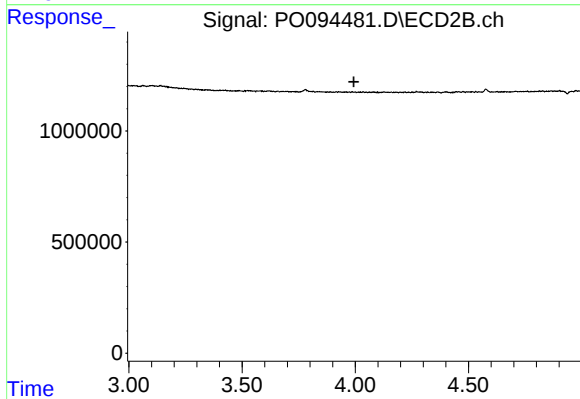
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.918 min
Response: 0
Conc: N.D.



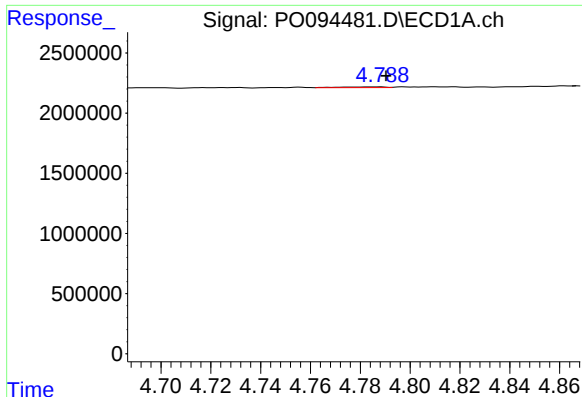
#10 AR-1221-3

R.T.: 4.788 min
Delta R.T.: -0.003 min
Response: 73441
Conc: 0.78 ng/ml



#10 AR-1221-3

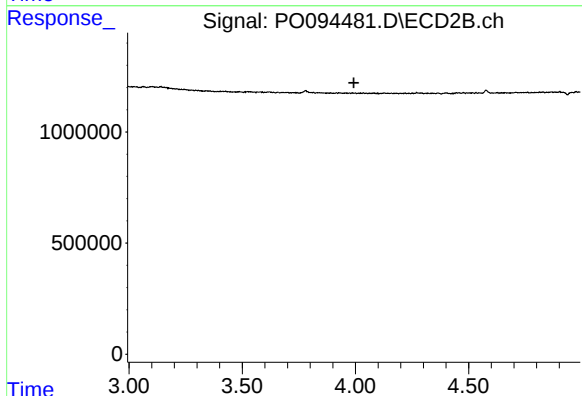
R.T.: 0.000 min
Exp R.T. : 3.994 min
Response: 0
Conc: N.D.



#11 AR-1232-1

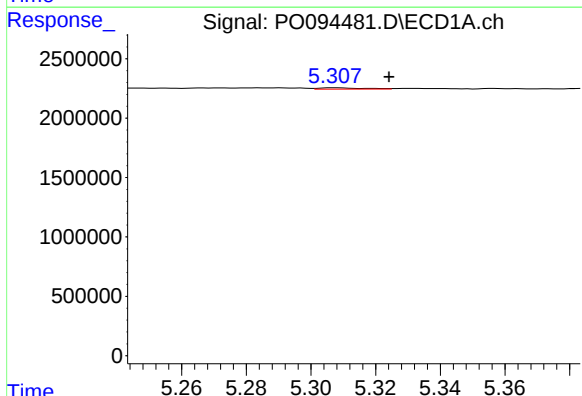
R.T.: 4.788 min
Delta R.T.: -0.003 min
Response: 73441
Conc: 0.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



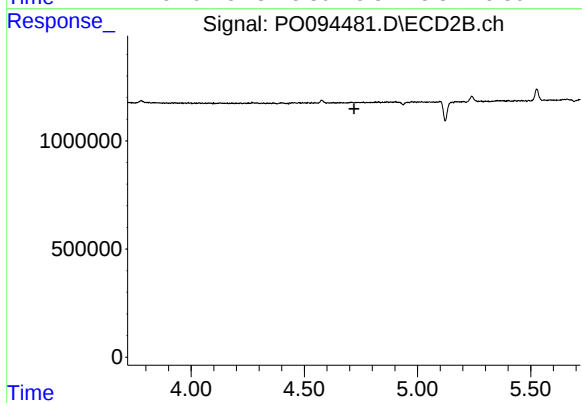
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.993 min
Response: 0
Conc: N.D.



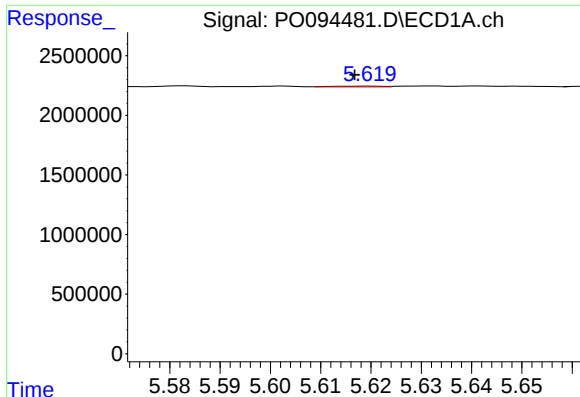
#12 AR-1232-2

R.T.: 5.307 min
Delta R.T.: -0.017 min
Response: 108351
Conc: 2.76 ng/ml



#12 AR-1232-2

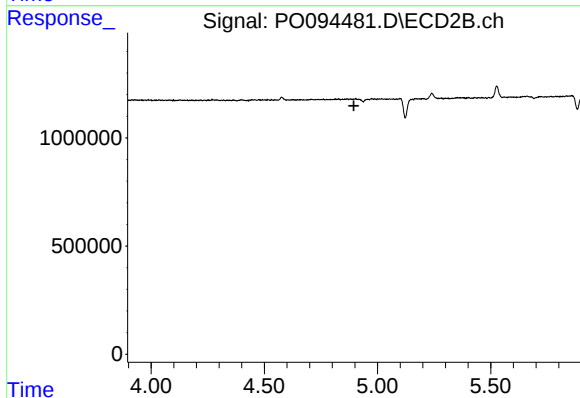
R.T.: 0.000 min
Exp R.T. : 4.719 min
Response: 0
Conc: N.D.



#13 AR-1232-3

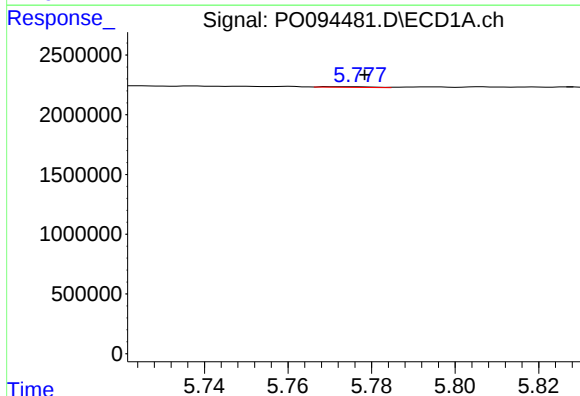
R.T.: 5.620 min
Delta R.T.: 0.003 min
Response: 44509
Conc: 0.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



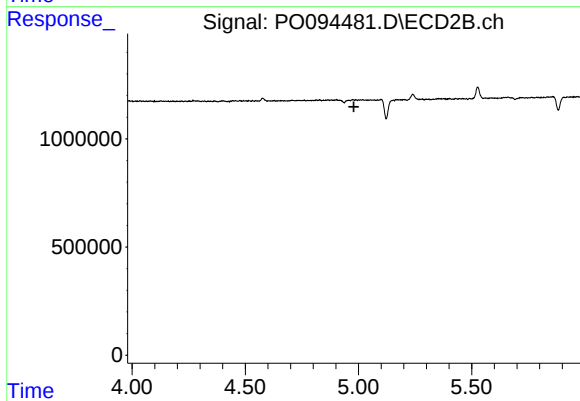
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.895 min
Response: 0
Conc: N.D.



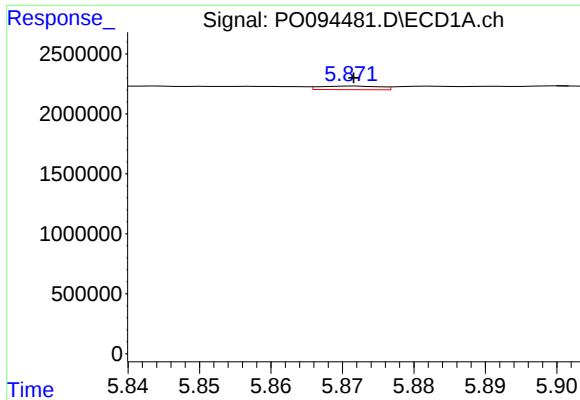
#14 AR-1232-4

R.T.: 5.770 min
Delta R.T.: -0.008 min
Response: 38378
Conc: 1.20 ng/ml



#14 AR-1232-4

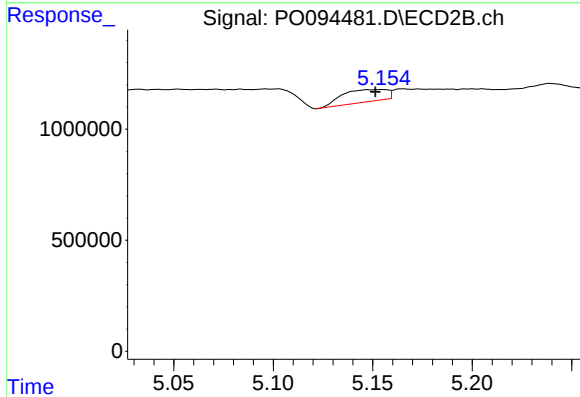
R.T.: 0.000 min
Exp R.T. : 4.979 min
Response: 0
Conc: N.D.



#15 AR-1232-5

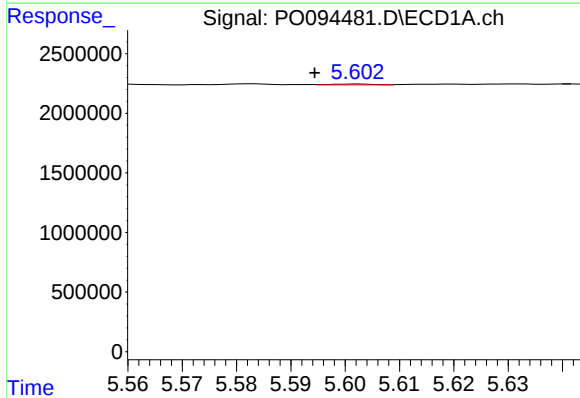
R.T.: 5.872 min
Delta R.T.: 0.000 min
Response: 175352
Conc: 5.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



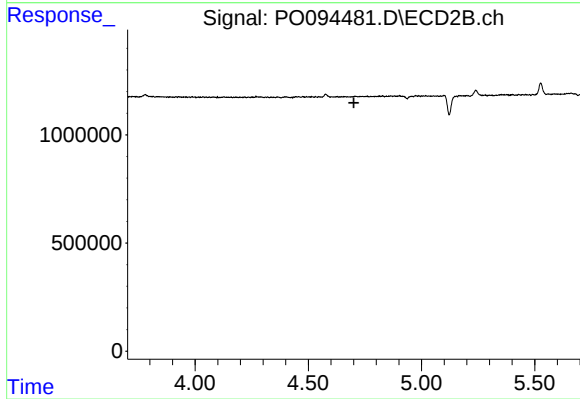
#15 AR-1232-5

R.T.: 5.155 min
Delta R.T.: 0.003 min
Response: 875889
Conc: 53.96 ng/ml



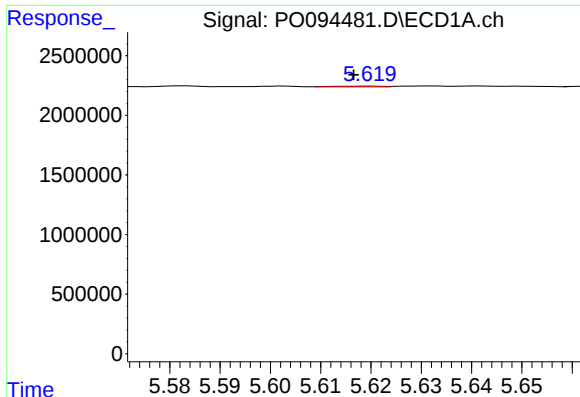
#16 AR-1242-1

R.T.: 5.602 min
Delta R.T.: 0.008 min
Response: 38004
Conc: 0.48 ng/ml



#16 AR-1242-1

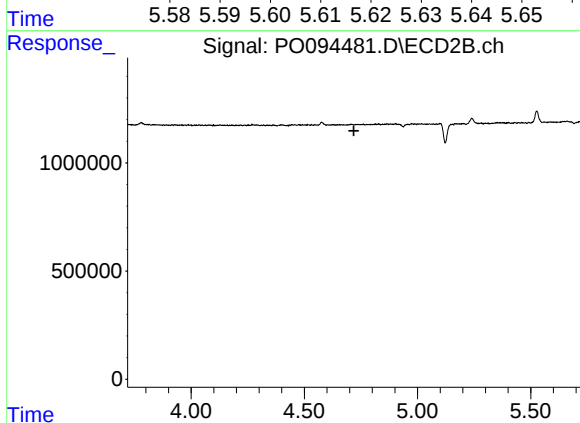
R.T.: 0.000 min
Exp R.T. : 4.701 min
Response: 0
Conc: N.D.



#17 AR-1242-2

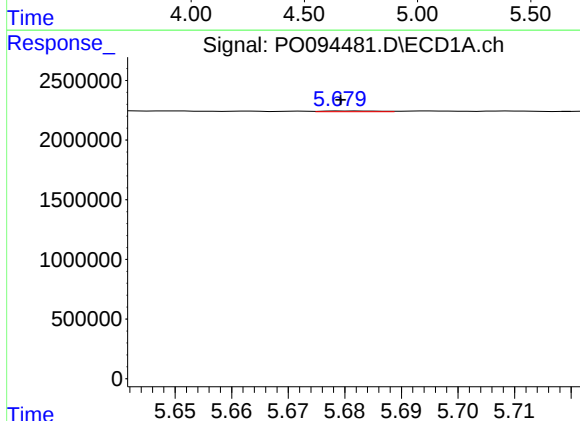
R.T.: 5.620 min
Delta R.T.: 0.003 min
Response: 44509
Conc: 0.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



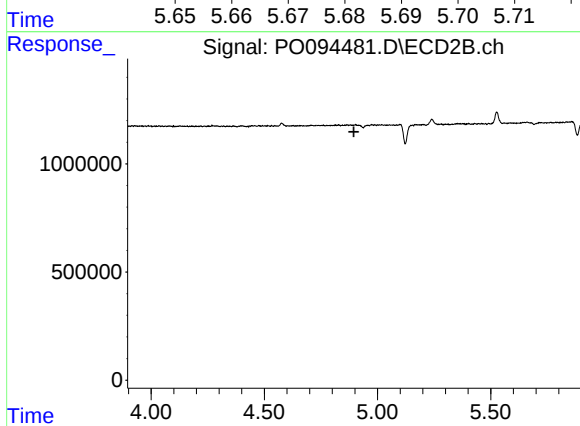
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.719 min
Response: 0
Conc: N.D.



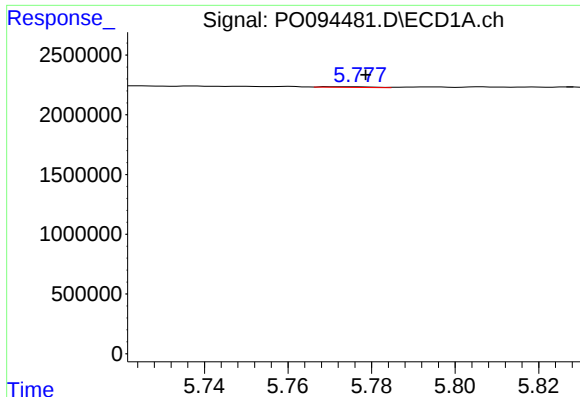
#18 AR-1242-3

R.T.: 5.680 min
Delta R.T.: 0.001 min
Response: 42981
Conc: 0.55 ng/ml



#18 AR-1242-3

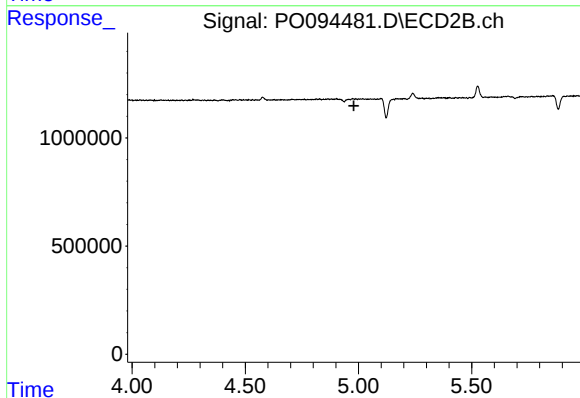
R.T.: 0.000 min
Exp R.T. : 4.895 min
Response: 0
Conc: N.D.



#19 AR-1242-4

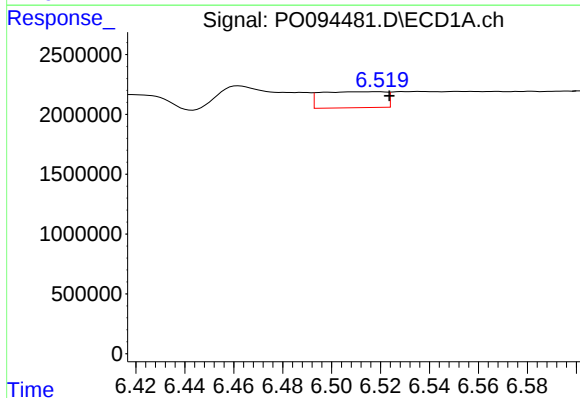
R.T.: 5.770 min
Delta R.T.: -0.008 min
Response: 38378
Conc: 0.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



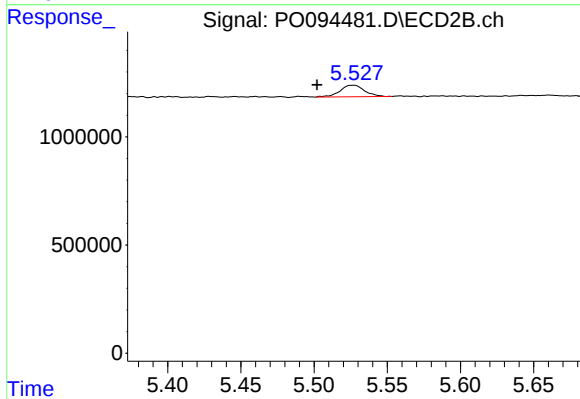
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.979 min
Response: 0
Conc: N.D.



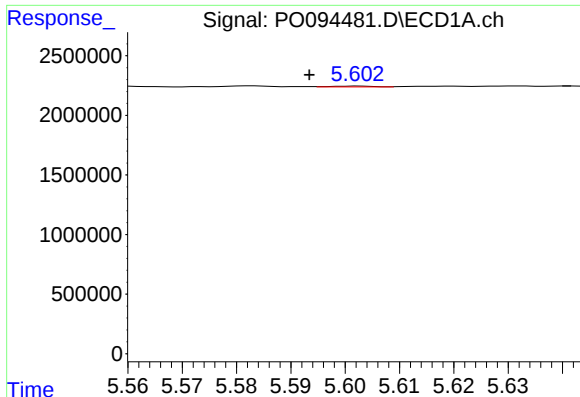
#20 AR-1242-5

R.T.: 6.519 min
Delta R.T.: -0.004 min
Response: 2449629
Conc: 40.97 ng/ml



#20 AR-1242-5

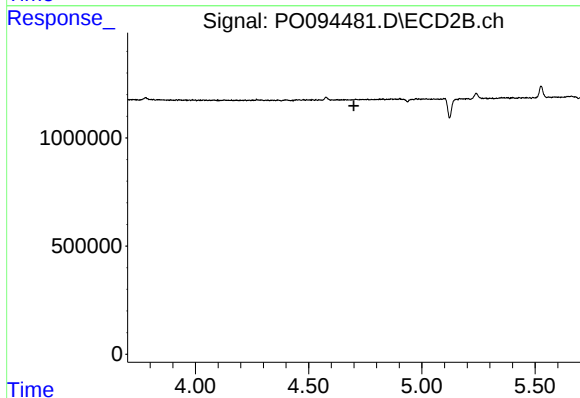
R.T.: 5.527 min
Delta R.T.: 0.024 min
Response: 614360
Conc: 20.89 ng/ml



#21 AR-1248-1

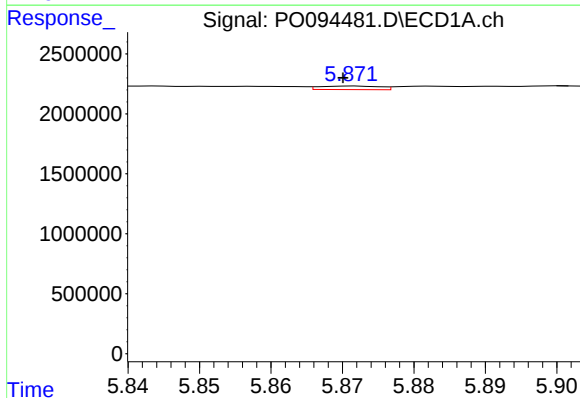
R.T.: 5.602 min
Delta R.T.: 0.009 min
Response: 38004
Conc: 0.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



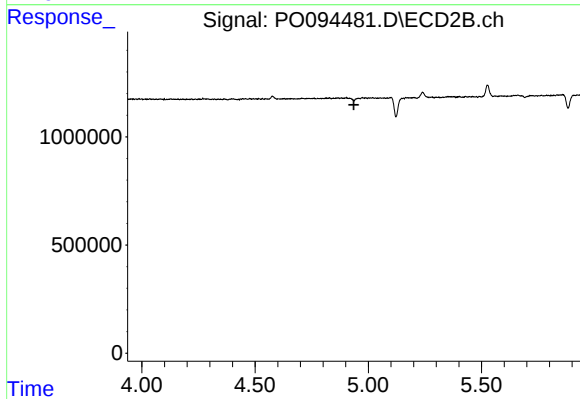
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.700 min
Response: 0
Conc: N.D.



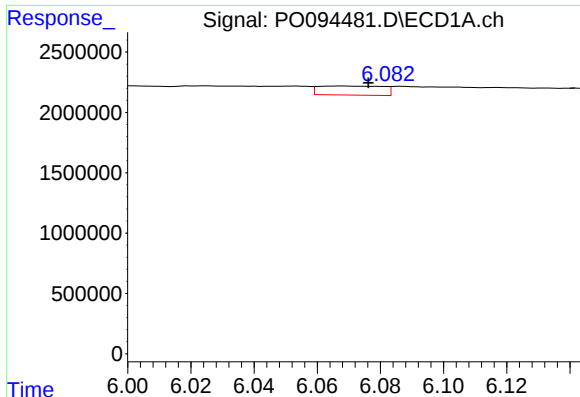
#22 AR-1248-2

R.T.: 5.872 min
Delta R.T.: 0.001 min
Response: 175352
Conc: 1.70 ng/ml



#22 AR-1248-2

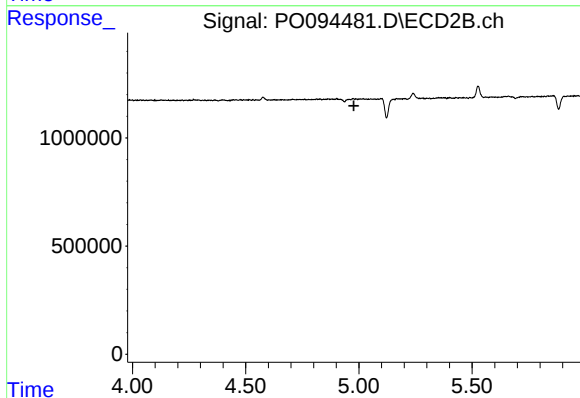
R.T.: 0.000 min
Exp R.T. : 4.936 min
Response: 0
Conc: N.D.



#23 AR-1248-3

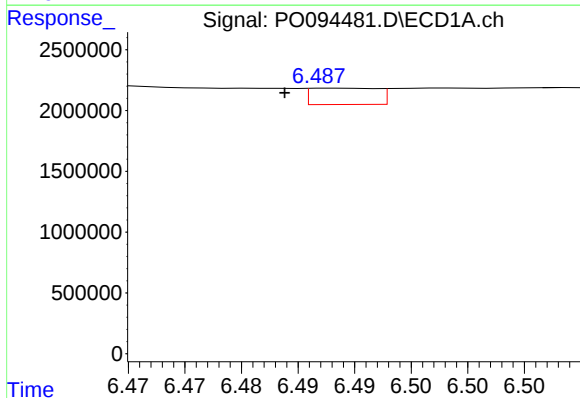
R.T.: 6.068 min
Delta R.T.: -0.008 min
Response: 1061456
Conc: 9.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



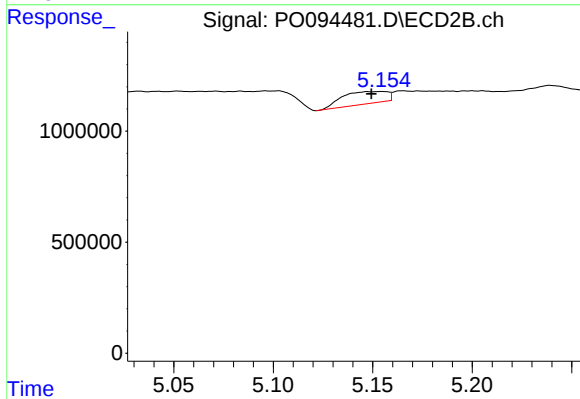
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.978 min
Response: 0
Conc: N.D.



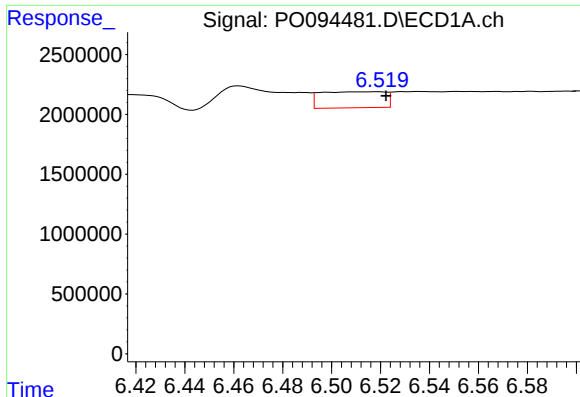
#24 AR-1248-4

R.T.: 6.488 min
Delta R.T.: 0.004 min
Response: 554768
Conc: 5.66 ng/ml



#24 AR-1248-4

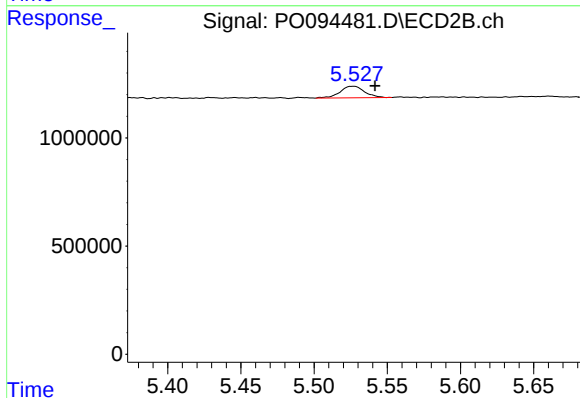
R.T.: 5.155 min
Delta R.T.: 0.005 min
Response: 875889
Conc: 18.08 ng/ml



#25 AR-1248-5

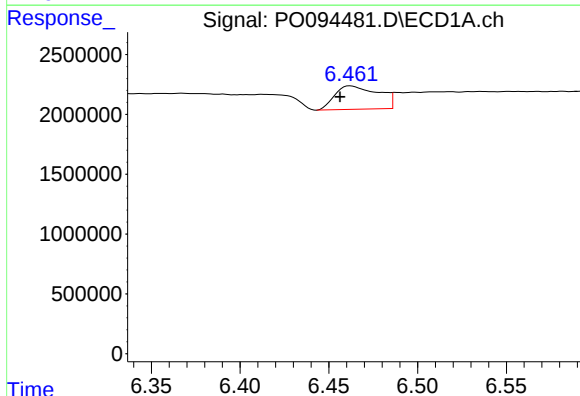
R.T.: 6.519 min
Delta R.T.: -0.003 min
Response: 2449629
Conc: 23.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



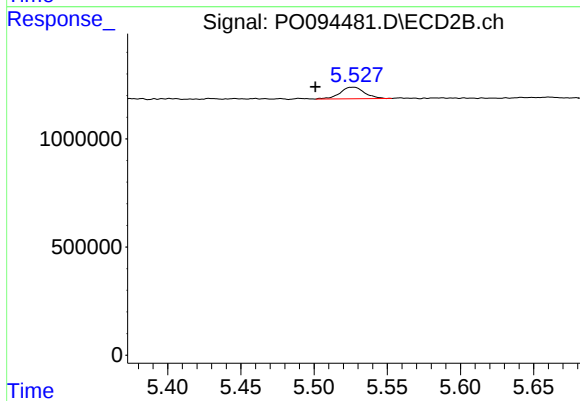
#25 AR-1248-5

R.T.: 5.527 min
Delta R.T.: -0.015 min
Response: 614360
Conc: 16.03 ng/ml



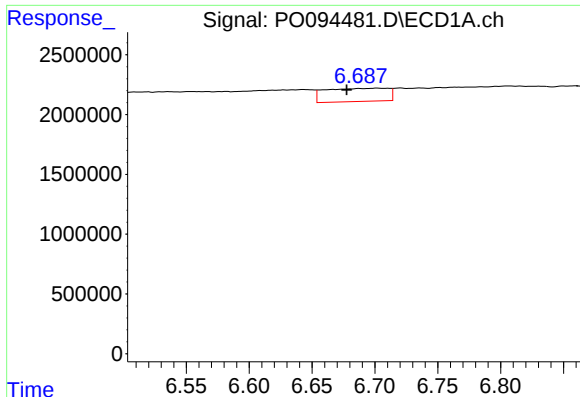
#26 AR-1254-1

R.T.: 6.462 min
Delta R.T.: 0.006 min
Response: 3348891
Conc: 27.08 ng/ml



#26 AR-1254-1

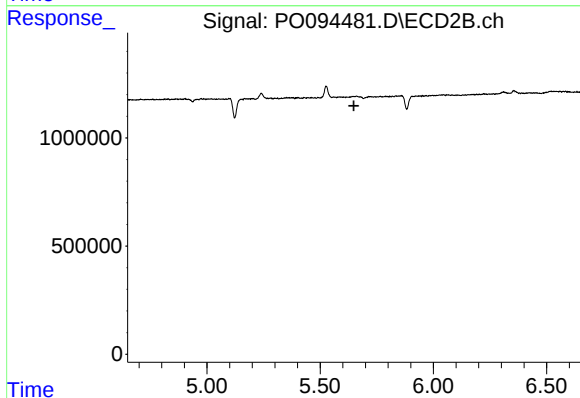
R.T.: 5.527 min
Delta R.T.: 0.026 min
Response: 614360
Conc: 8.79 ng/ml



#27 AR-1254-2

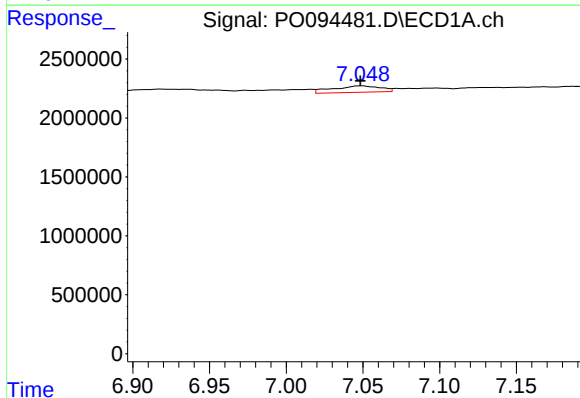
R.T.: 6.702 min
Delta R.T.: 0.025 min
Response: 3828492
Conc: 21.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



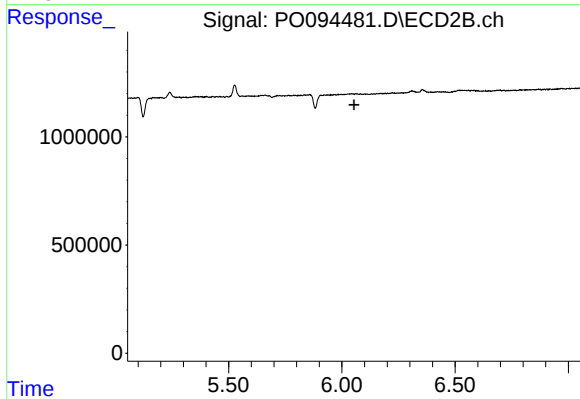
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.649 min
Response: 0
Conc: N.D.



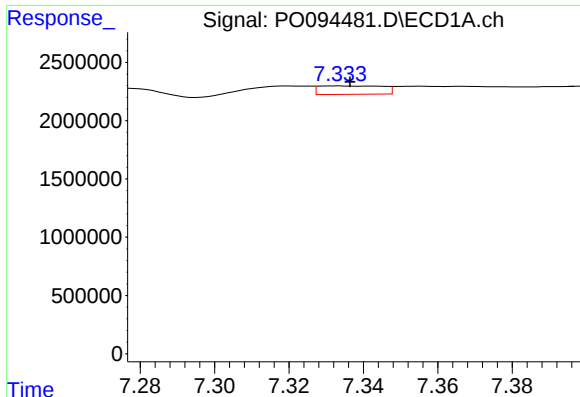
#28 AR-1254-3

R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 1180292
Conc: 6.92 ng/ml



#28 AR-1254-3

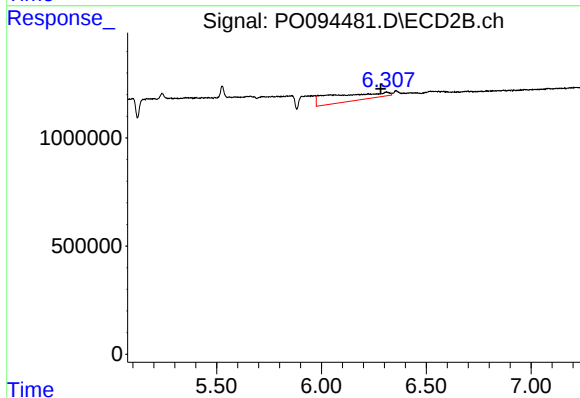
R.T.: 0.000 min
Exp R.T. : 6.053 min
Response: 0
Conc: N.D.



#29 AR-1254-4

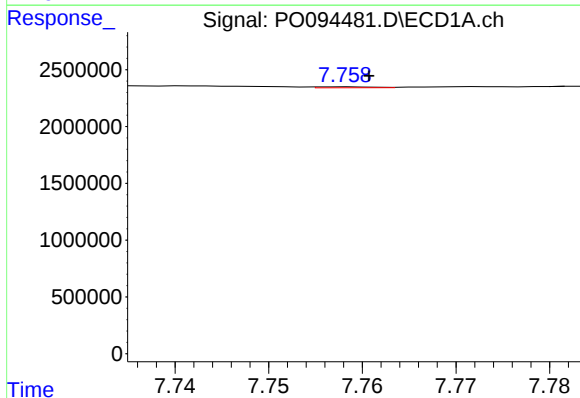
R.T.: 7.333 min
Delta R.T.: -0.003 min
Response: 861693
Conc: 9.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



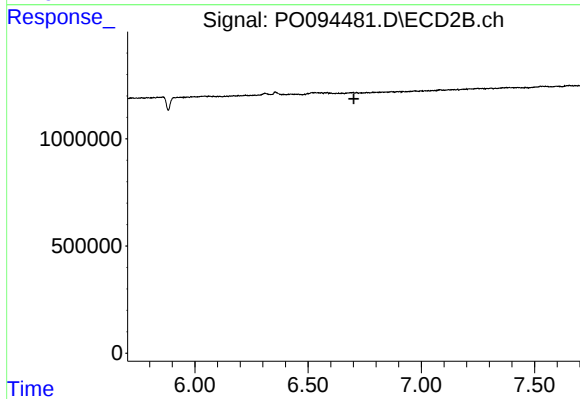
#29 AR-1254-4

R.T.: 6.310 min
Delta R.T.: 0.027 min
Response: 6129981
Conc: 144.67 ng/ml



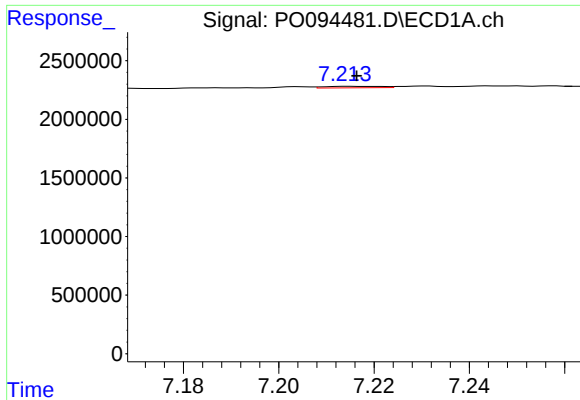
#30 AR-1254-5

R.T.: 7.758 min
Delta R.T.: -0.003 min
Response: 33759
Conc: 0.28 ng/ml



#30 AR-1254-5

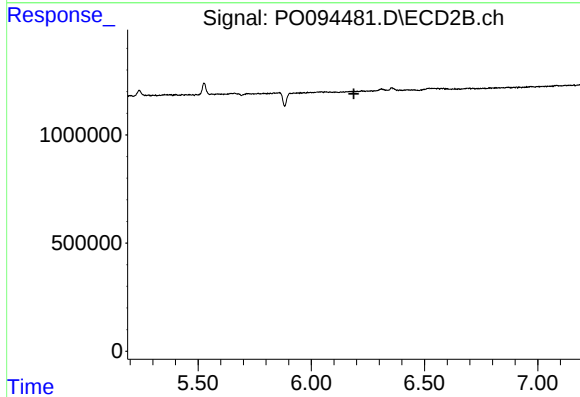
R.T.: 0.000 min
Exp R.T.: 6.702 min
Response: 0
Conc: N.D.



#31 AR-1260-1

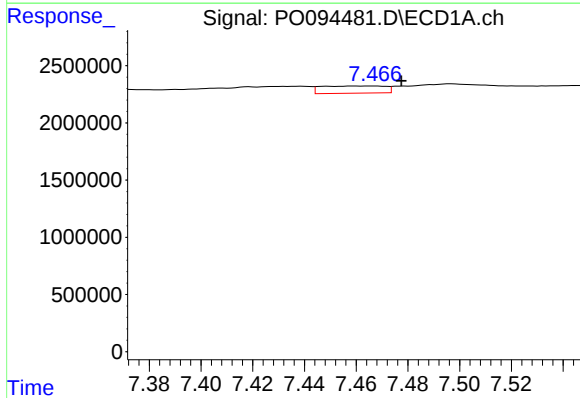
R.T.: 7.215 min
Delta R.T.: -0.002 min
Response: 101726
Conc: 0.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



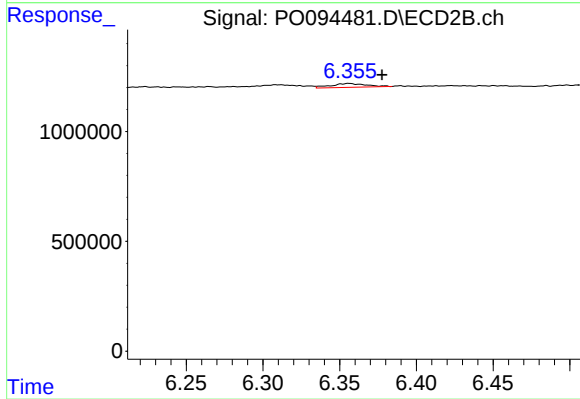
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.188 min
Response: 0
Conc: N.D.



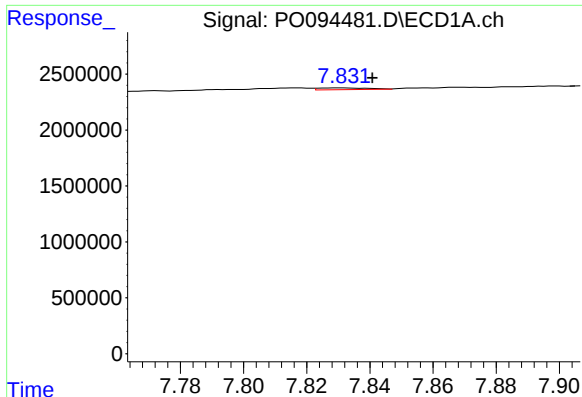
#32 AR-1260-2

R.T.: 7.467 min
Delta R.T.: -0.011 min
Response: 1083736
Conc: 7.74 ng/ml



#32 AR-1260-2

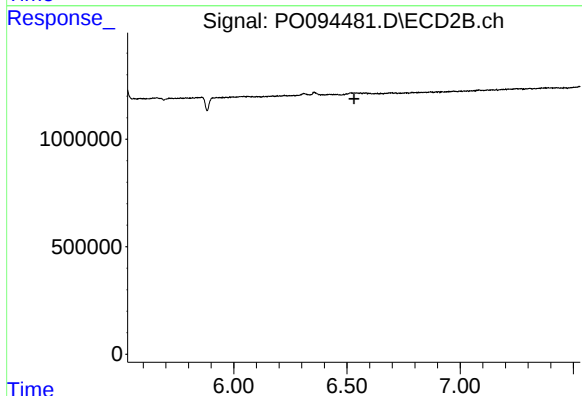
R.T.: 6.355 min
Delta R.T.: -0.022 min
Response: 286219
Conc: 3.85 ng/ml



#33 AR-1260-3

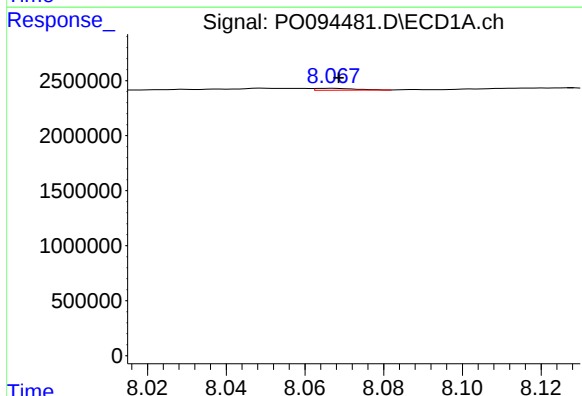
R.T.: 7.831 min
Delta R.T.: -0.010 min
Response: 166649
Conc: 1.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



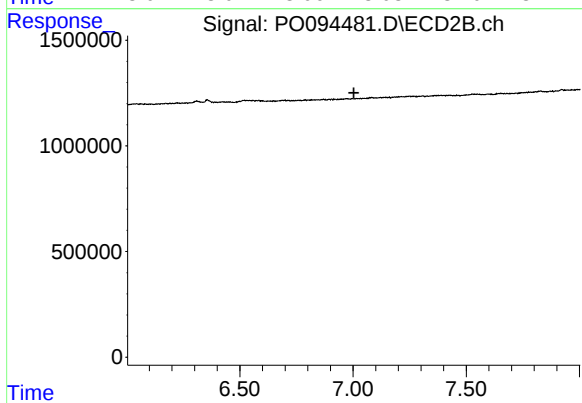
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.531 min
Response: 0
Conc: N.D.



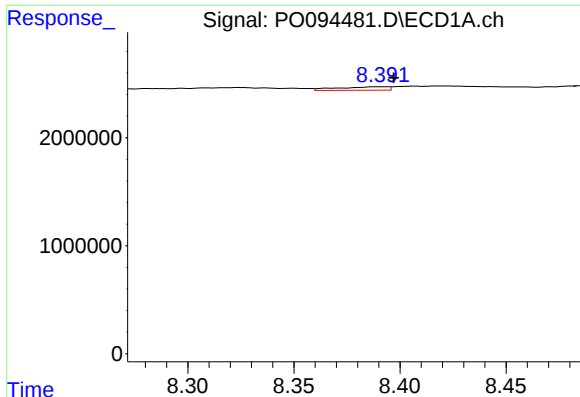
#34 AR-1260-4

R.T.: 8.067 min
Delta R.T.: -0.002 min
Response: 120788
Conc: 1.01 ng/ml



#34 AR-1260-4

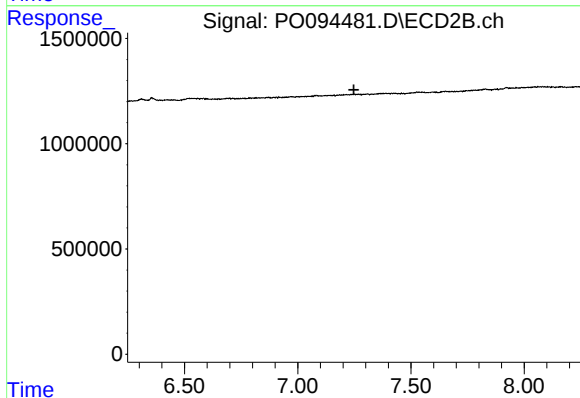
R.T.: 0.000 min
Exp R.T. : 7.004 min
Response: 0
Conc: N.D.



#35 AR-1260-5

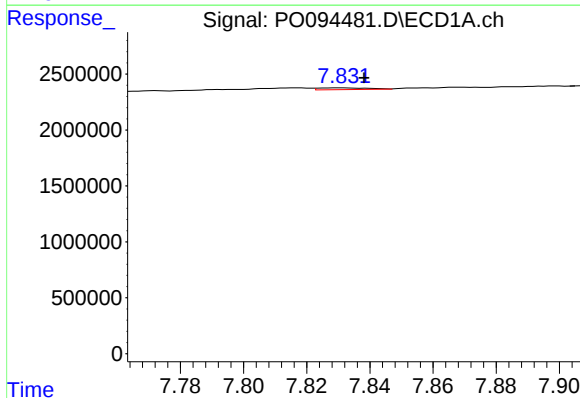
R.T.: 8.392 min
Delta R.T.: -0.005 min
Response: 537027
Conc: 2.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



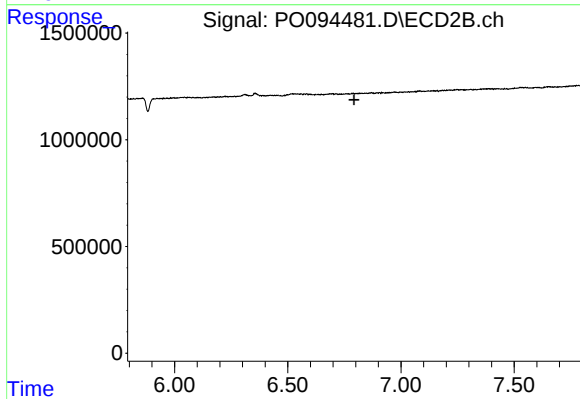
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.248 min
Response: 0
Conc: N.D.



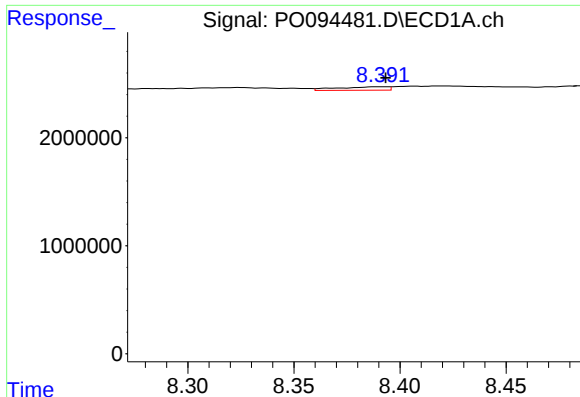
#36 AR-1262-1

R.T.: 7.831 min
Delta R.T.: -0.007 min
Response: 166649
Conc: 1.04 ng/ml



#36 AR-1262-1

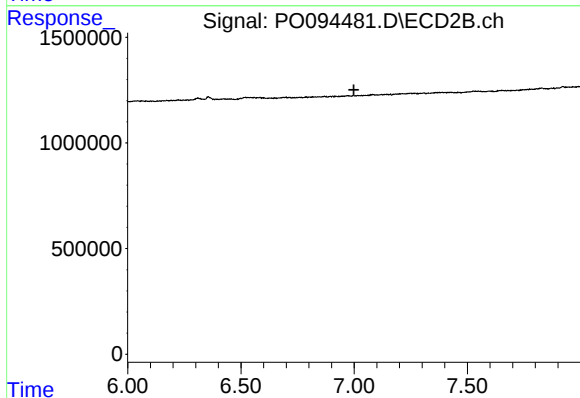
R.T.: 0.000 min
Exp R.T. : 6.793 min
Response: 0
Conc: N.D.



#37 AR-1262-2

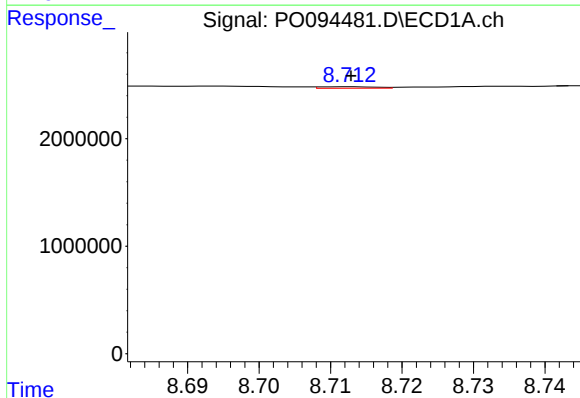
R.T.: 8.392 min
Delta R.T.: -0.002 min
Response: 537027
Conc: 2.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



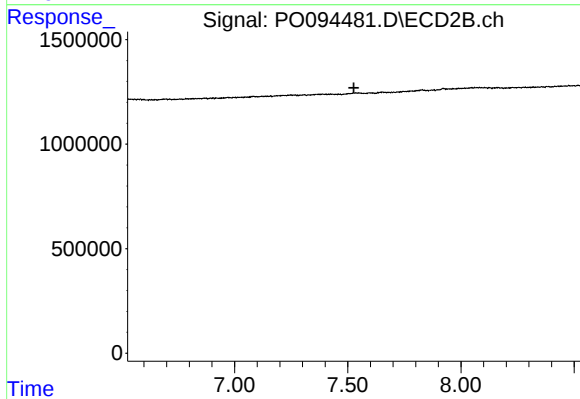
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 6.999 min
Response: 0
Conc: N.D.



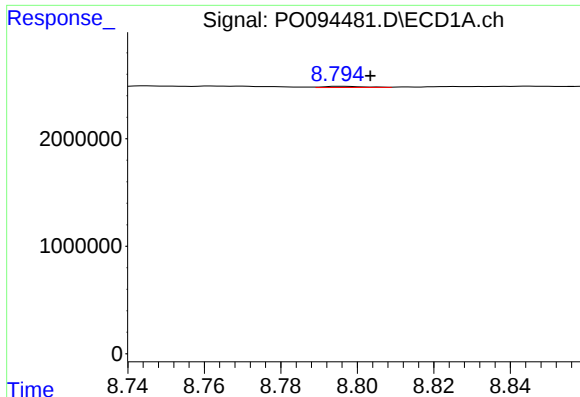
#38 AR-1262-3

R.T.: 8.713 min
Delta R.T.: 0.000 min
Response: 78919
Conc: 0.50 ng/ml



#38 AR-1262-3

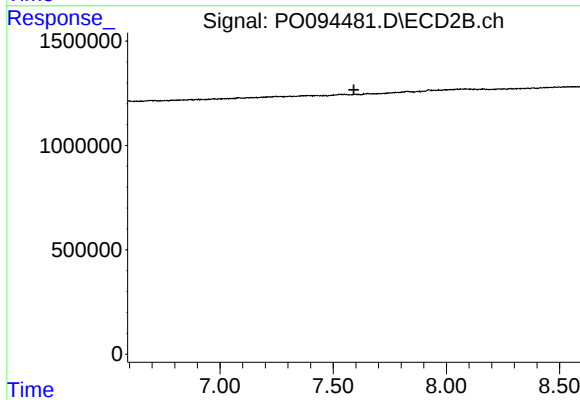
R.T.: 0.000 min
Exp R.T. : 7.527 min
Response: 0
Conc: N.D.



#39 AR-1262-4

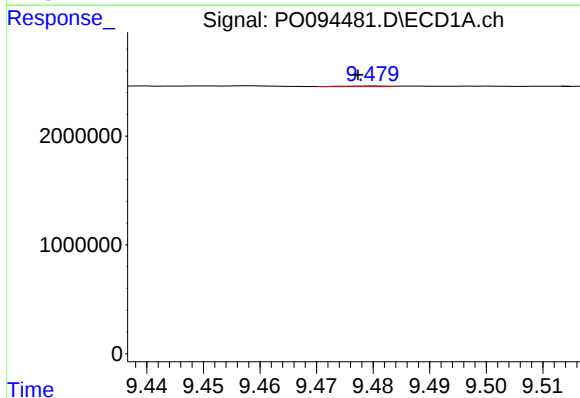
R.T.: 8.796 min
Delta R.T.: -0.007 min
Response: 82076
Conc: 0.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



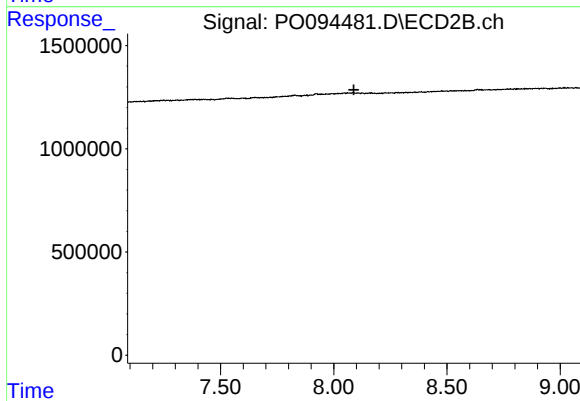
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.592 min
Response: 0
Conc: N.D.



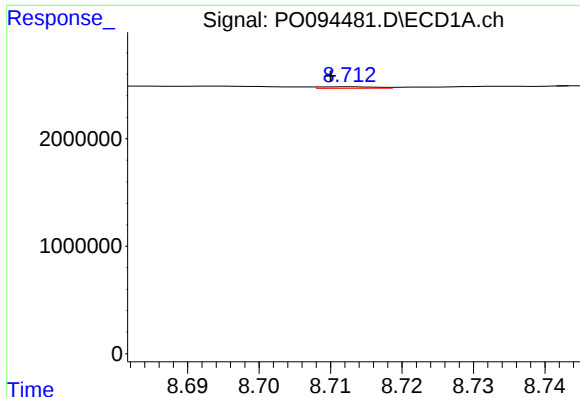
#40 AR-1262-5

R.T.: 9.480 min
Delta R.T.: 0.002 min
Response: 20606
Conc: 0.28 ng/ml



#40 AR-1262-5

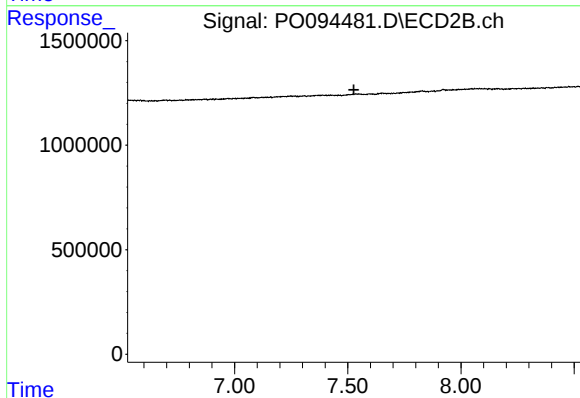
R.T.: 0.000 min
Exp R.T. : 8.089 min
Response: 0
Conc: N.D.



#41 AR-1268-1

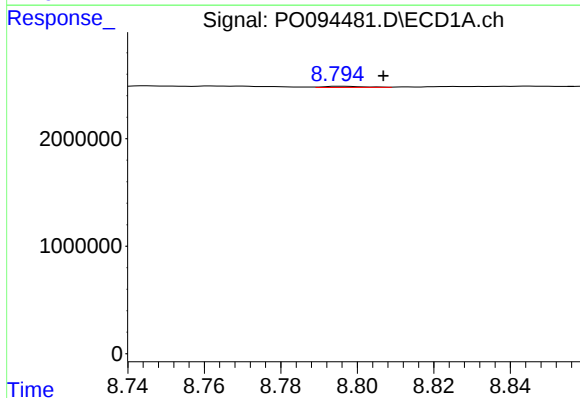
R.T.: 8.713 min
Delta R.T.: 0.003 min
Response: 78919
Conc: 0.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



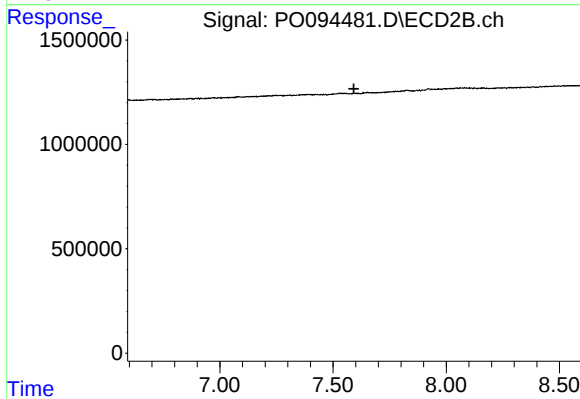
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.527 min
Response: 0
Conc: N.D.



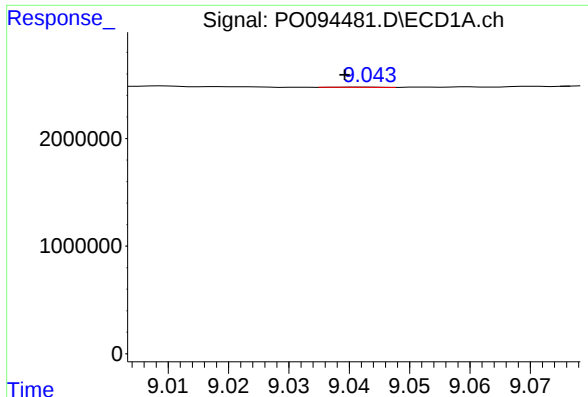
#42 AR-1268-2

R.T.: 8.796 min
Delta R.T.: -0.011 min
Response: 82076
Conc: 0.29 ng/ml



#42 AR-1268-2

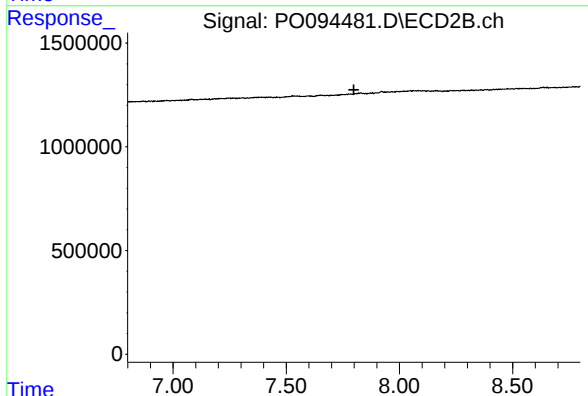
R.T.: 0.000 min
Exp R.T. : 7.592 min
Response: 0
Conc: N.D.



#43 AR-1268-3

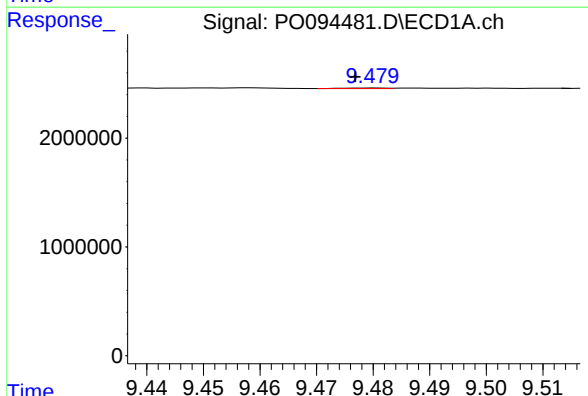
R.T.: 9.043 min
Delta R.T.: 0.004 min
Response: 9340
Conc: 0.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



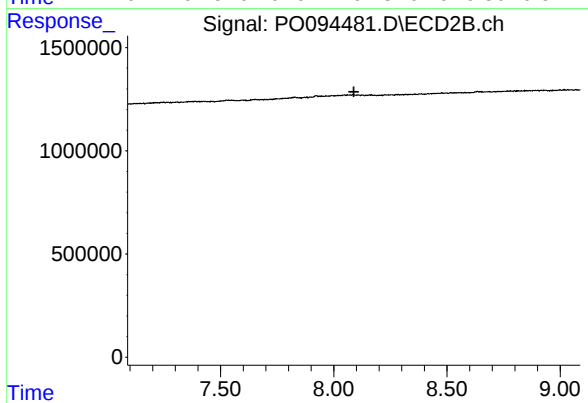
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.799 min
Response: 0
Conc: N.D.



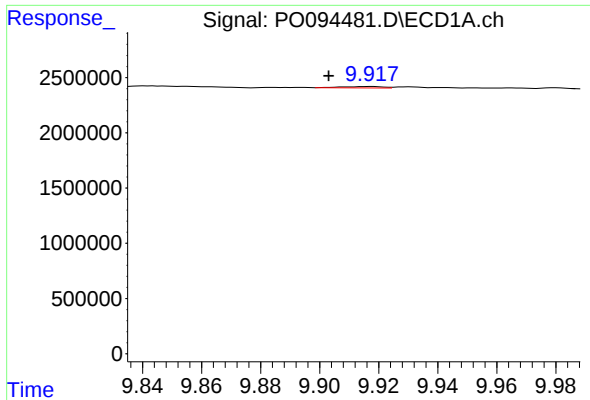
#44 AR-1268-4

R.T.: 9.480 min
Delta R.T.: 0.003 min
Response: 20606
Conc: 0.24 ng/ml



#44 AR-1268-4

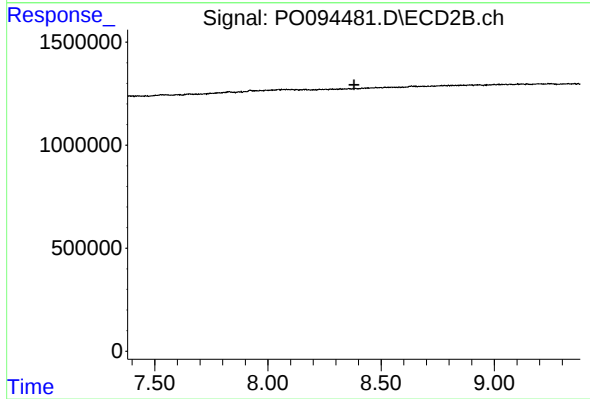
R.T.: 0.000 min
Exp R.T. : 8.089 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.917 min
Delta R.T.: 0.014 min
Response: 115196
Conc: 0.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.380 min
Response: 0
Conc: N.D.