

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090123\
 Data File : P0097639.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Sep 2023 16:42
 Operator : YP/AJ
 Sample : 04246-09 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 02 00:02:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0082823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 29 10:29:21 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...	4.444	3.626	4802728	1025605	1.439	1.520
2)	SA Decachlor...	10.295	8.666	6973297	1257062	3.799	2.190 #
Target Compounds							
3)	L1 AR-1016-1	5.624	4.729	136153	323799	1.513	14.875 #
4)	L1 AR-1016-2	5.647	4.729	370446	323799	2.670	10.731 #
5)	L1 AR-1016-3	5.713	4.934	375544	352258	4.142	21.807 #
6)	L1 AR-1016-4	5.804	4.934	600662	352258	8.663	24.549 #
7)	L1 AR-1016-5	6.107	5.124f	1103022	1837391	15.529	100.469 #
8)	L2 AR-1221-1	4.669	3.860	127219	70563	3.161	8.620 #
9)	L2 AR-1221-2	4.760	3.933	723165	29338	24.058	5.062 #
10)	L2 AR-1221-3	4.810	3.976	117703	32444	1.321	1.764 #
11)	L3 AR-1232-1	4.810	3.976	117703	32444	1.596	2.153 #
12)	L3 AR-1232-2	5.359	4.729	132703	323799	3.463	23.194 #
13)	L3 AR-1232-3	5.647	4.934	370446	352258	5.728	50.154 #
14)	L3 AR-1232-4	5.804	4.997	600662	744922	18.857	105.355 #
15)	L3 AR-1232-5	5.902	5.124f	260614	1837391	8.857	233.434 #
16)	L4 AR-1242-1	5.624	4.729	136153	323799	1.681	16.786 #
17)	L4 AR-1242-2	5.647	4.729	370446	323799	2.966	11.896 #
18)	L4 AR-1242-3	5.713	4.934	375544	352258	4.568	24.546 #
19)	L4 AR-1242-4	5.804	4.997	600662	744922	9.569	47.033 #
20)	L4 AR-1242-5	6.577	5.549	1088529	9454083	17.307	535.696 #
21)	L5 AR-1248-1	5.624	4.729	136153	323799	2.309	23.563 #
22)	L5 AR-1248-2	5.902	4.934	260614	352258	2.635	15.886 #
23)	L5 AR-1248-3	6.107	4.997	1103022	744922	10.646	32.398 #
24)	L5 AR-1248-4	6.486	5.124f	5391064	1837391	58.932	67.708
25)	L5 AR-1248-5	6.577	5.549	1088529	9454083	10.723	418.179 #
26)	L6 AR-1254-1	6.486	5.549	5391064	9454083	49.036	244.954 #
27)	L6 AR-1254-2	6.703	5.694	169737	3922978	1.042	115.176 #
28)	L6 AR-1254-3	7.075	6.081	4935186	255628	30.304	4.818 #
29)	L6 AR-1254-4	7.363	6.381f	226217	1186543	2.321	43.513 #
30)	L6 AR-1254-5	7.787	6.727	386726	323277	3.425	7.332 #
31)	L7 AR-1260-1	7.239	6.208	2176252	272843	17.049	7.305 #
32)	L7 AR-1260-2	7.503	6.381	251540	1186543	1.846	28.041 #
33)	L7 AR-1260-3	7.869	6.552	244859	397001	2.317	9.484 #
34)	L7 AR-1260-4	8.087	7.026	26698	635854	0.236	19.660 #
35)	L7 AR-1260-5	8.419	7.268	1046818	797182	5.569	12.073 #
36)	L8 AR-1262-1	7.869	6.829	244859	354410	1.627	17.660 #
37)	L8 AR-1262-2	8.419	7.026	1046818	635854	4.780	14.553 #
38)	L8 AR-1262-3	8.753	7.553	47806	262733	0.308	8.430 #
39)	L8 AR-1262-4	8.833	7.615	17216	152763	0.138	2.716 #
40)	L8 AR-1262-5	9.511	8.057f	754843	51997	10.976	2.210 #
41)	L9 AR-1268-1	8.753	7.553	47806	262733	0.168	2.745 #

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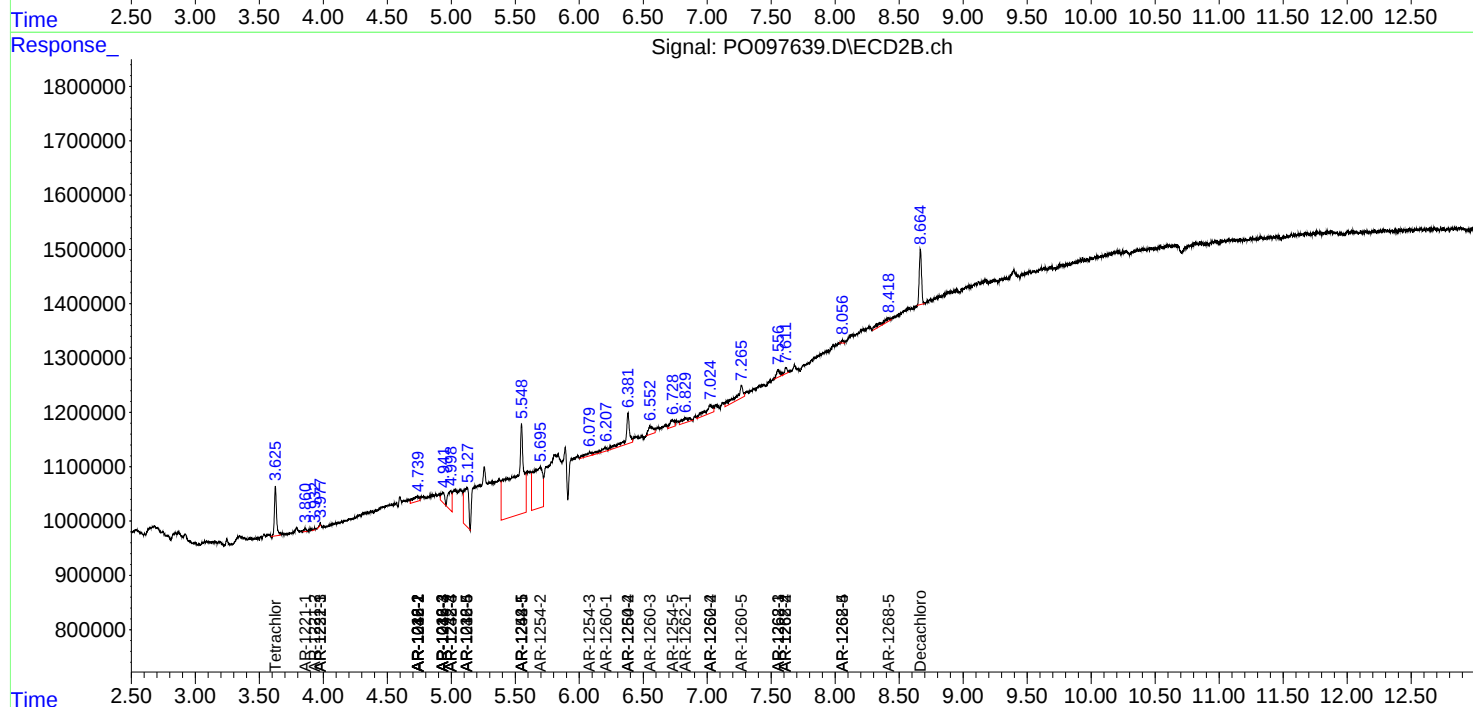
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

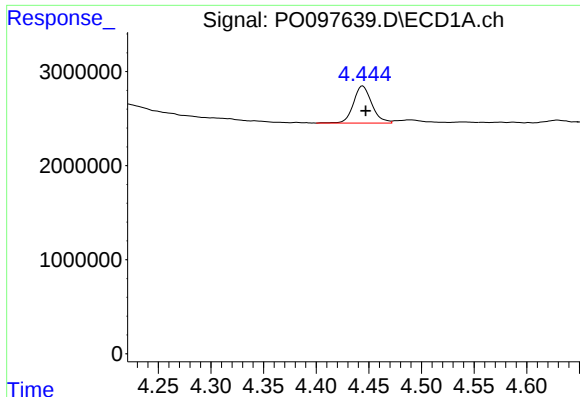
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.833	7.615	17216	152763	0.068	1.843 #
43) L9	AR-1268-3	9.076	0.000	161037	0	0.714	N.D. #
44) L9	AR-1268-4	9.511	8.057f	754843	51997	9.807	2.012 #
45) L9	AR-1268-5	9.945	8.417	818396	385908	1.185	1.693 #

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

Instrument :
ECD_O
ClientSampleId :

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

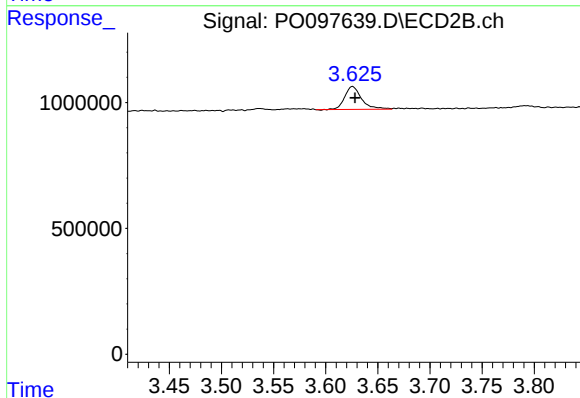




#1 Tetrachloro-m-xylene

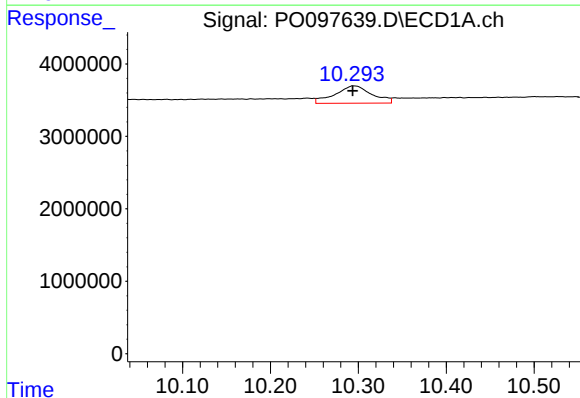
R.T.: 4.444 min
Delta R.T.: -0.003 min
Response: 4802728
Conc: 1.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



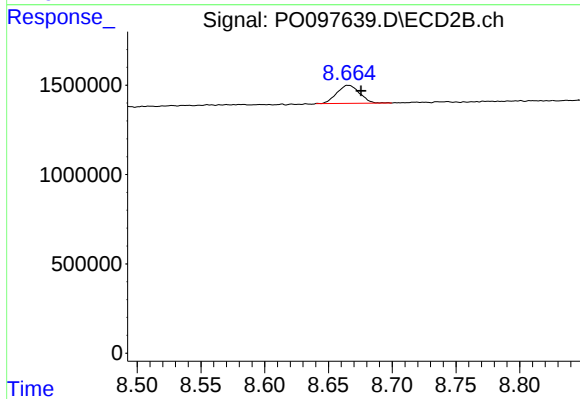
#1 Tetrachloro-m-xylene

R.T.: 3.626 min
Delta R.T.: -0.003 min
Response: 1025605
Conc: 1.52 ng/ml



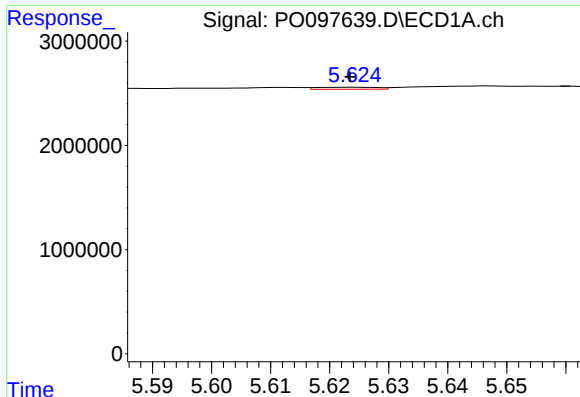
#2 Decachlorobiphenyl

R.T.: 10.295 min
Delta R.T.: 0.001 min
Response: 6973297
Conc: 3.80 ng/ml



#2 Decachlorobiphenyl

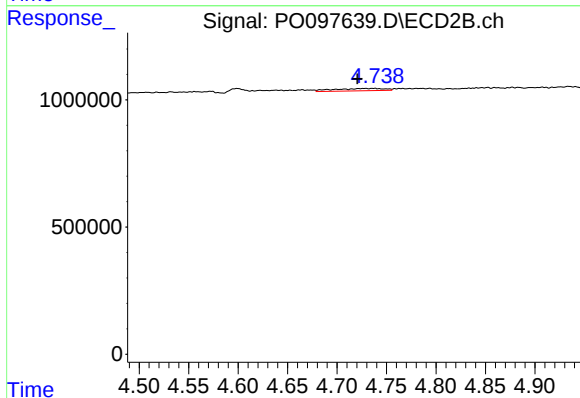
R.T.: 8.666 min
Delta R.T.: -0.010 min
Response: 1257062
Conc: 2.19 ng/ml



#3 AR-1016-1

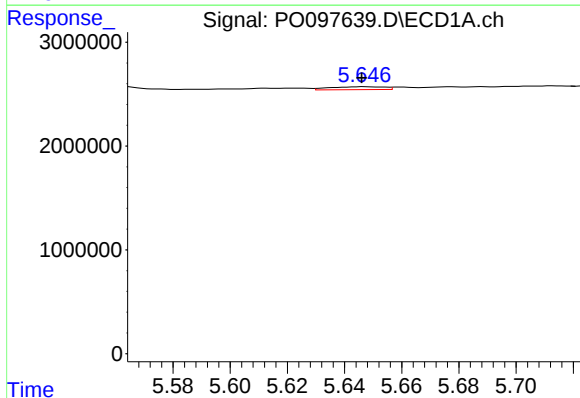
R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 136153
Conc: 1.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



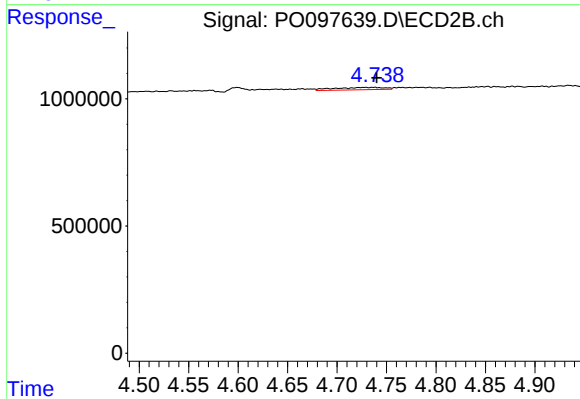
#3 AR-1016-1

R.T.: 4.729 min
Delta R.T.: 0.008 min
Response: 323799
Conc: 14.87 ng/ml



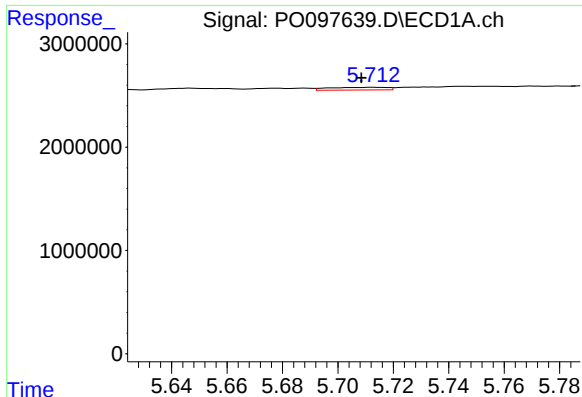
#4 AR-1016-2

R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 370446
Conc: 2.67 ng/ml



#4 AR-1016-2

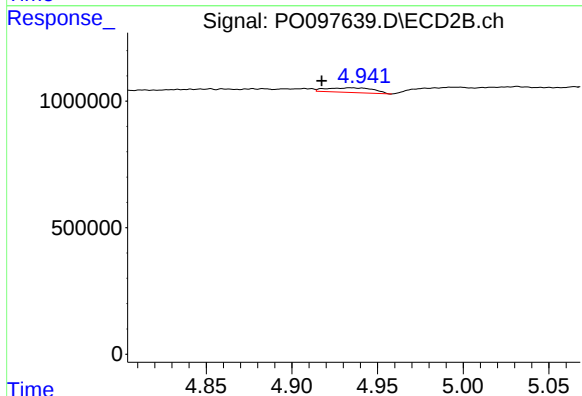
R.T.: 4.729 min
Delta R.T.: -0.012 min
Response: 323799
Conc: 10.73 ng/ml



#5 AR-1016-3

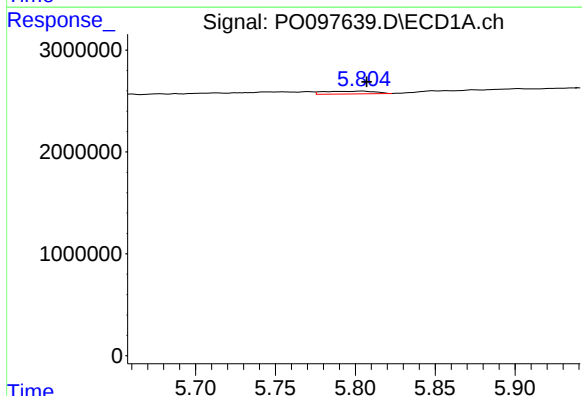
R.T.: 5.713 min
Delta R.T.: 0.004 min
Response: 375544
Conc: 4.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



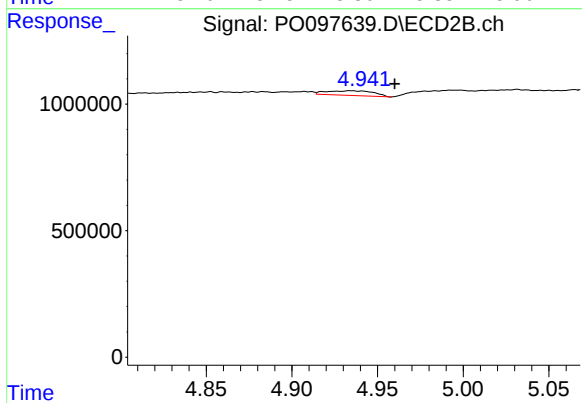
#5 AR-1016-3

R.T.: 4.934 min
Delta R.T.: 0.017 min
Response: 352258
Conc: 21.81 ng/ml



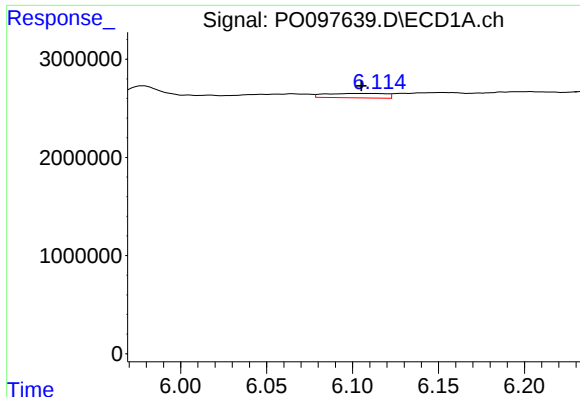
#6 AR-1016-4

R.T.: 5.804 min
Delta R.T.: -0.003 min
Response: 600662
Conc: 8.66 ng/ml



#6 AR-1016-4

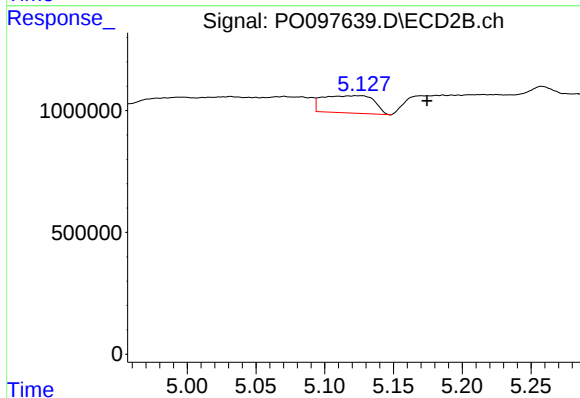
R.T.: 4.934 min
Delta R.T.: -0.026 min
Response: 352258
Conc: 24.55 ng/ml



#7 AR-1016-5

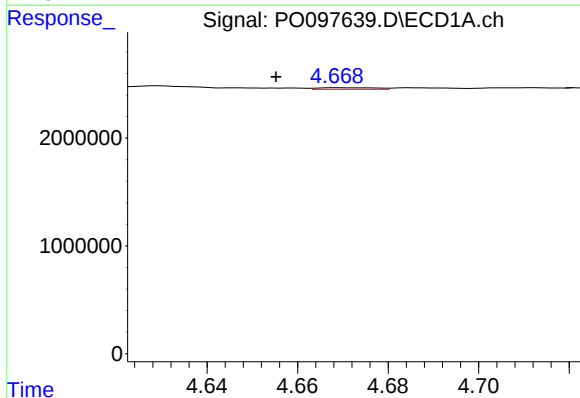
R.T.: 6.107 min
Delta R.T.: 0.002 min
Response: 1103022
Conc: 15.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



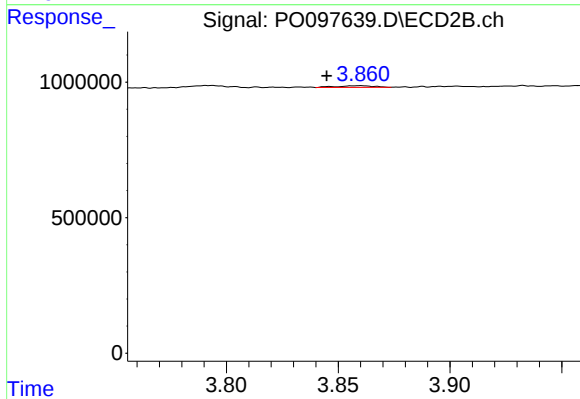
#7 AR-1016-5

R.T.: 5.124 min
Delta R.T.: -0.050 min
Response: 1837391
Conc: 100.47 ng/ml



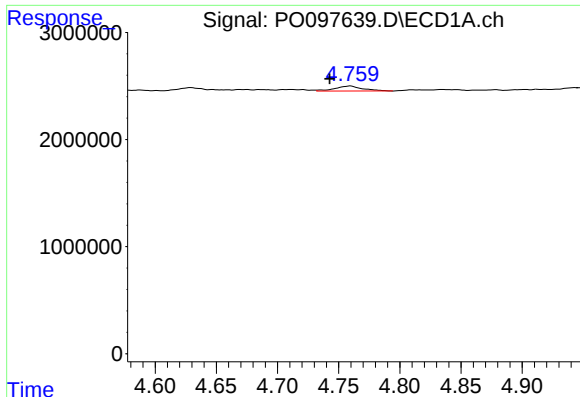
#8 AR-1221-1

R.T.: 4.669 min
Delta R.T.: 0.014 min
Response: 127219
Conc: 3.16 ng/ml



#8 AR-1221-1

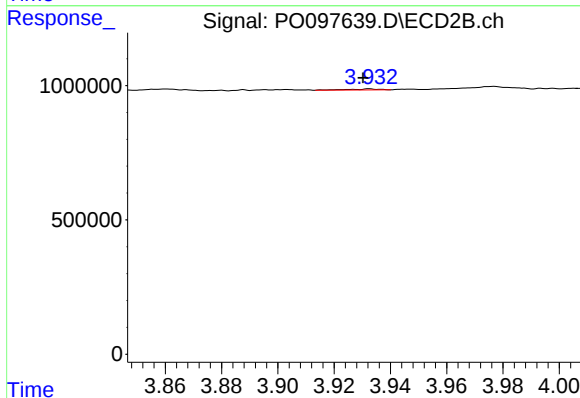
R.T.: 3.860 min
Delta R.T.: 0.015 min
Response: 70563
Conc: 8.62 ng/ml



#9 AR-1221-2

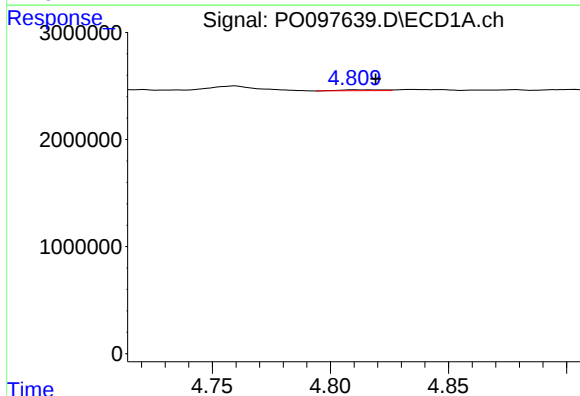
R.T.: 4.760 min
Delta R.T.: 0.017 min
Response: 723165
Conc: 24.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



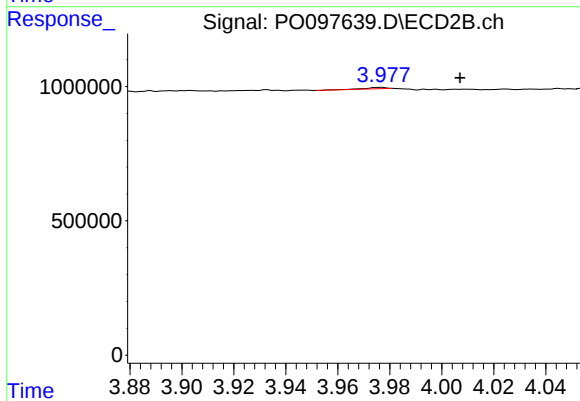
#9 AR-1221-2

R.T.: 3.933 min
Delta R.T.: 0.002 min
Response: 29338
Conc: 5.06 ng/ml



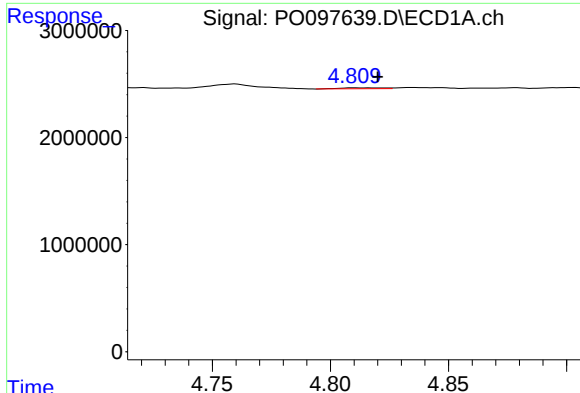
#10 AR-1221-3

R.T.: 4.810 min
Delta R.T.: -0.009 min
Response: 117703
Conc: 1.32 ng/ml



#10 AR-1221-3

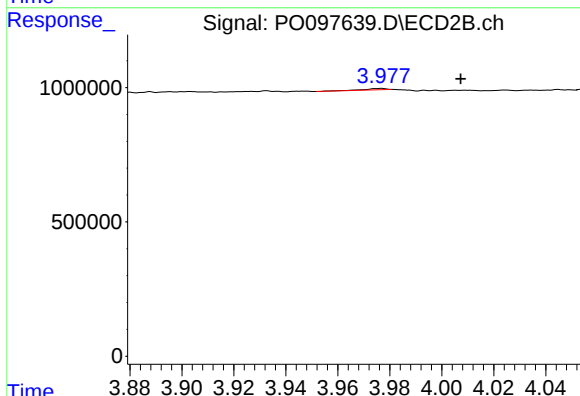
R.T.: 3.976 min
Delta R.T.: -0.031 min
Response: 32444
Conc: 1.76 ng/ml



#11 AR-1232-1

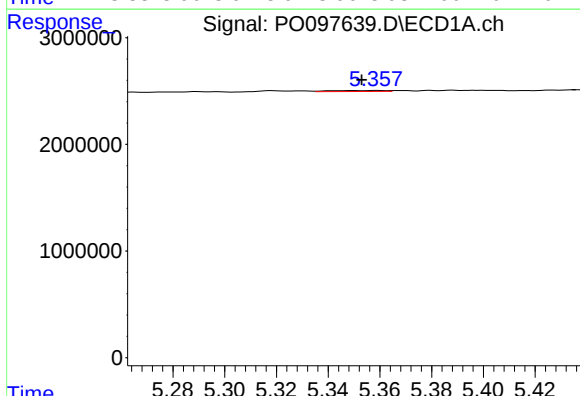
R.T.: 4.810 min
Delta R.T.: -0.010 min
Response: 117703
Conc: 1.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



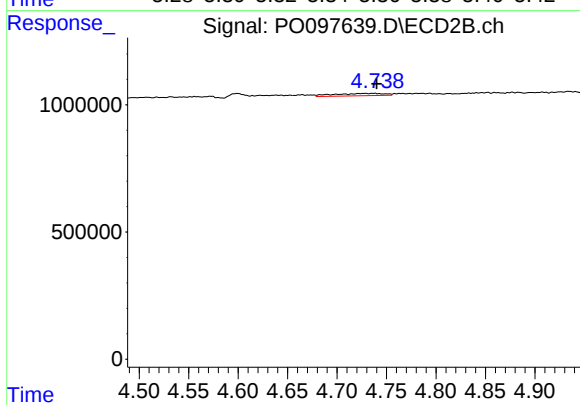
#11 AR-1232-1

R.T.: 3.976 min
Delta R.T.: -0.031 min
Response: 32444
Conc: 2.15 ng/ml



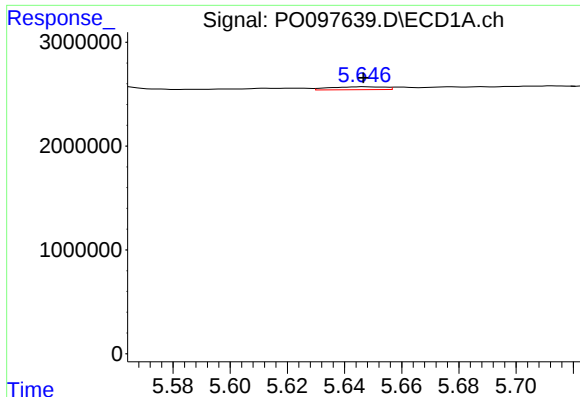
#12 AR-1232-2

R.T.: 5.359 min
Delta R.T.: 0.006 min
Response: 132703
Conc: 3.46 ng/ml



#12 AR-1232-2

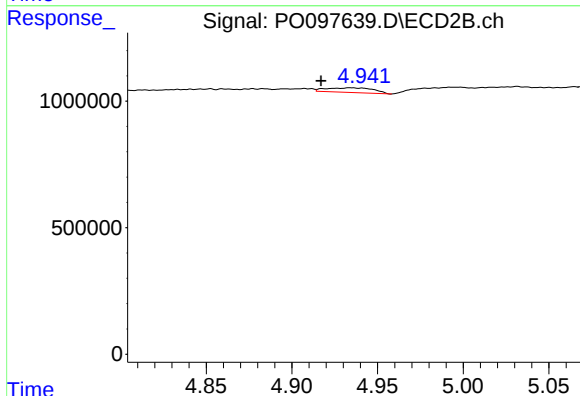
R.T.: 4.729 min
Delta R.T.: -0.012 min
Response: 323799
Conc: 23.19 ng/ml



#13 AR-1232-3

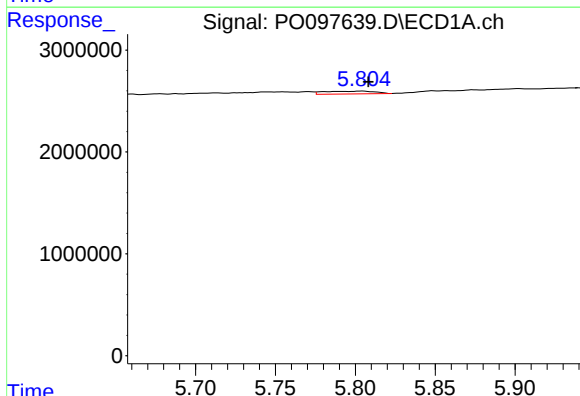
R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 370446
Conc: 5.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



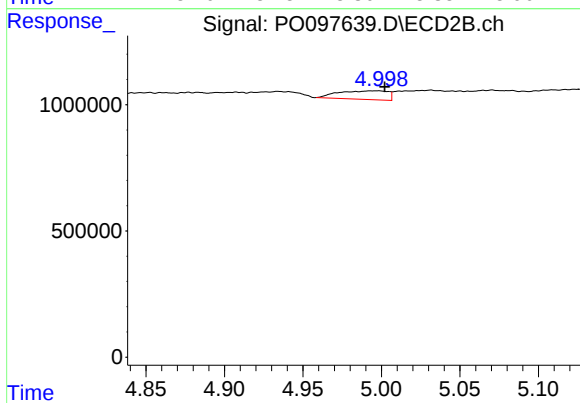
#13 AR-1232-3

R.T.: 4.934 min
Delta R.T.: 0.017 min
Response: 352258
Conc: 50.15 ng/ml



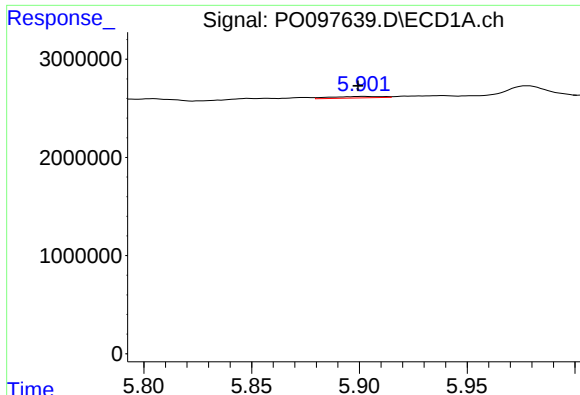
#14 AR-1232-4

R.T.: 5.804 min
Delta R.T.: -0.004 min
Response: 600662
Conc: 18.86 ng/ml



#14 AR-1232-4

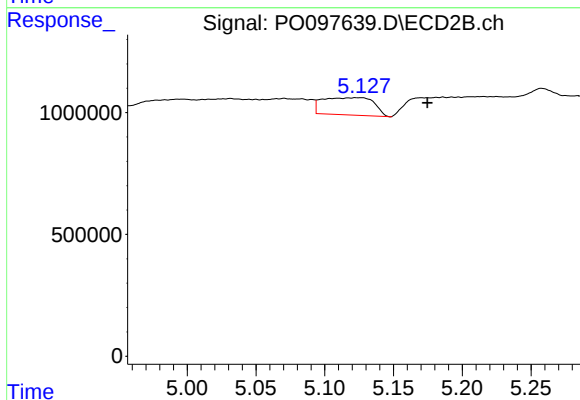
R.T.: 4.997 min
Delta R.T.: -0.005 min
Response: 744922
Conc: 105.36 ng/ml



#15 AR-1232-5

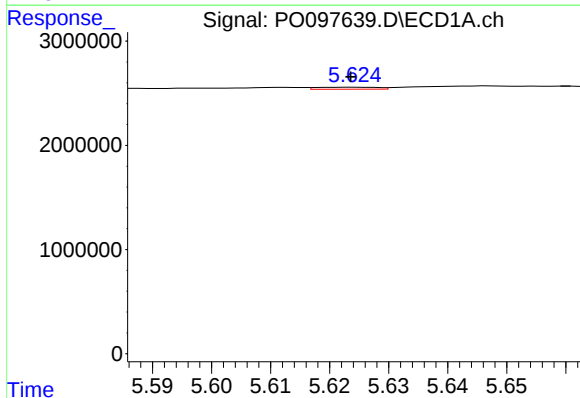
R.T.: 5.902 min
Delta R.T.: 0.002 min
Response: 260614
Conc: 8.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



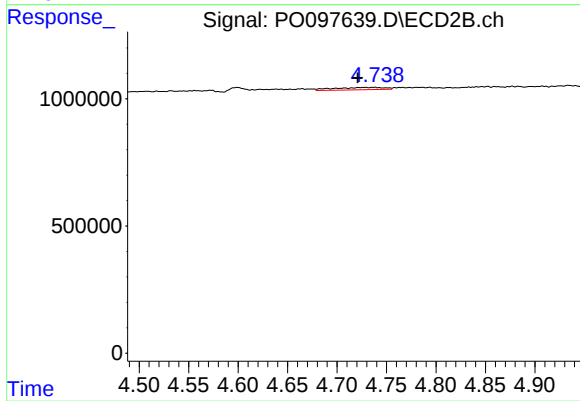
#15 AR-1232-5

R.T.: 5.124 min
Delta R.T.: -0.050 min
Response: 1837391
Conc: 233.43 ng/ml



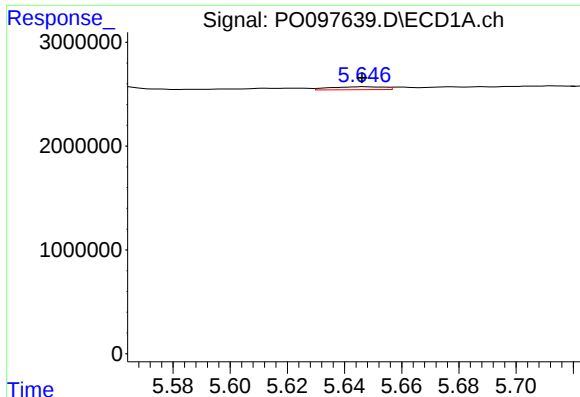
#16 AR-1242-1

R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 136153
Conc: 1.68 ng/ml



#16 AR-1242-1

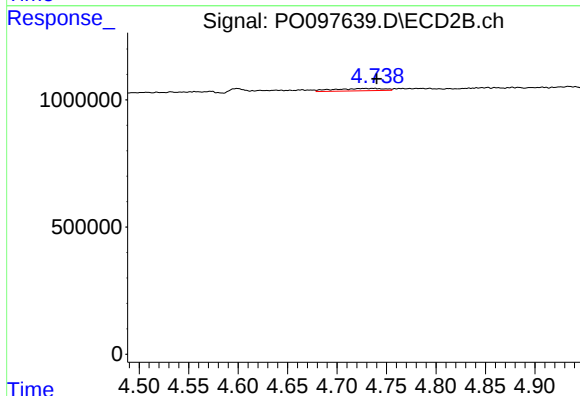
R.T.: 4.729 min
Delta R.T.: 0.008 min
Response: 323799
Conc: 16.79 ng/ml



#17 AR-1242-2

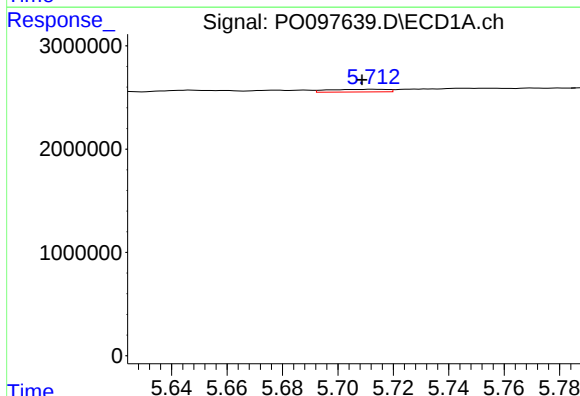
R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 370446
Conc: 2.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



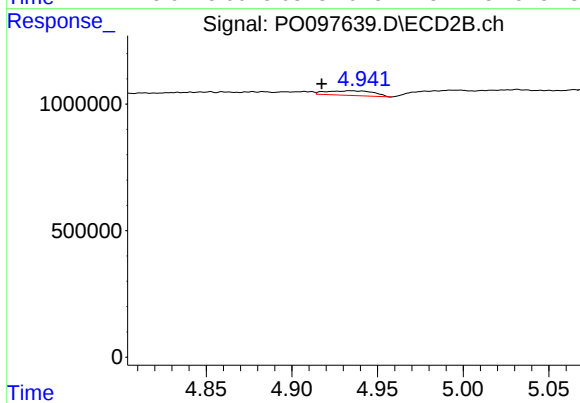
#17 AR-1242-2

R.T.: 4.729 min
Delta R.T.: -0.012 min
Response: 323799
Conc: 11.90 ng/ml



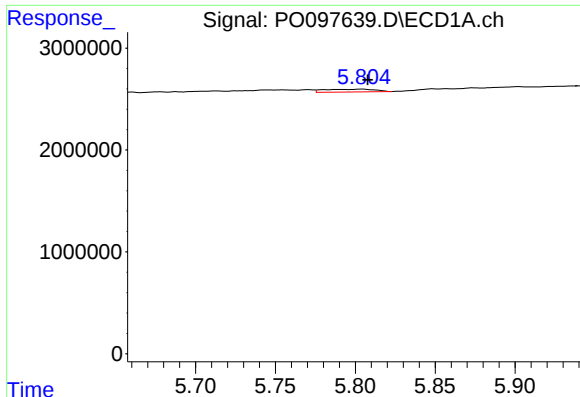
#18 AR-1242-3

R.T.: 5.713 min
Delta R.T.: 0.004 min
Response: 375544
Conc: 4.57 ng/ml



#18 AR-1242-3

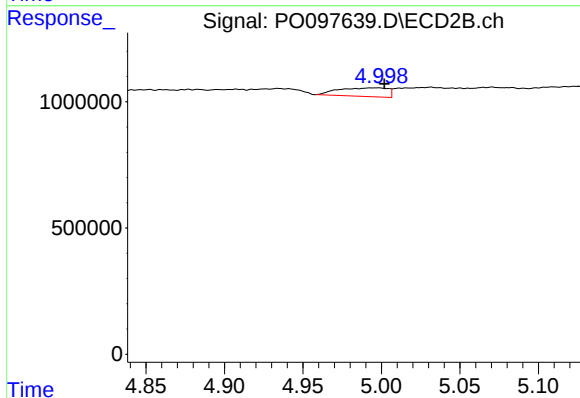
R.T.: 4.934 min
Delta R.T.: 0.017 min
Response: 352258
Conc: 24.55 ng/ml



#19 AR-1242-4

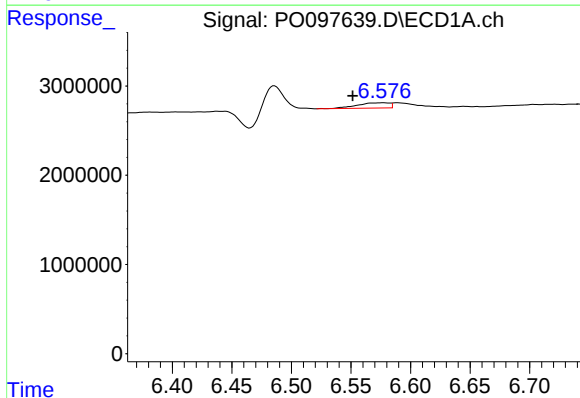
R.T.: 5.804 min
Delta R.T.: -0.004 min
Response: 600662
Conc: 9.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



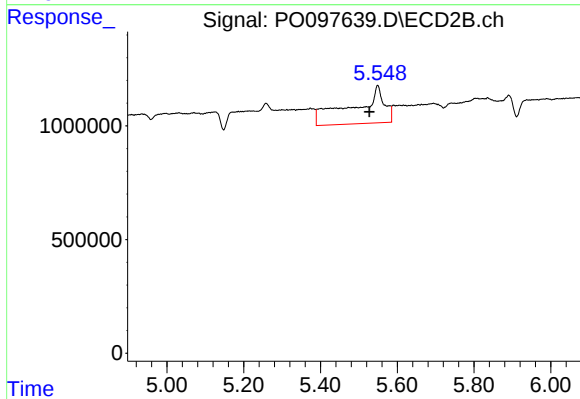
#19 AR-1242-4

R.T.: 4.997 min
Delta R.T.: -0.005 min
Response: 744922
Conc: 47.03 ng/ml



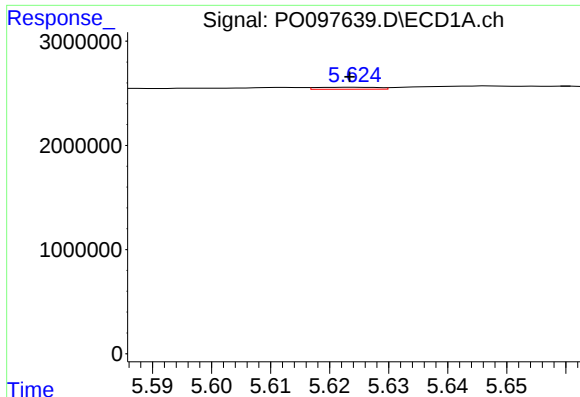
#20 AR-1242-5

R.T.: 6.577 min
Delta R.T.: 0.026 min
Response: 1088529
Conc: 17.31 ng/ml



#20 AR-1242-5

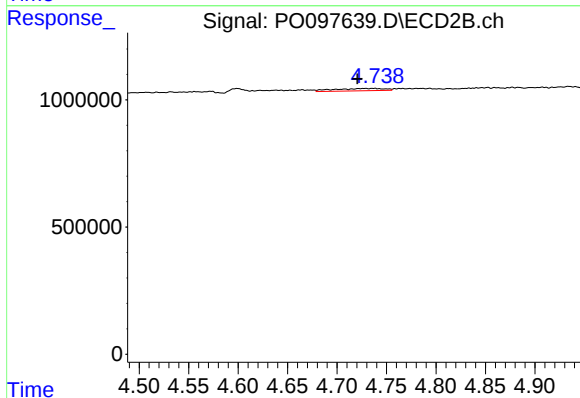
R.T.: 5.549 min
Delta R.T.: 0.021 min
Response: 9454083
Conc: 535.70 ng/ml



#21 AR-1248-1

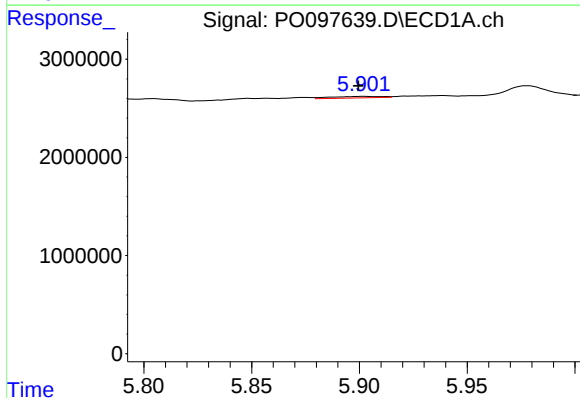
R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 136153
Conc: 2.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



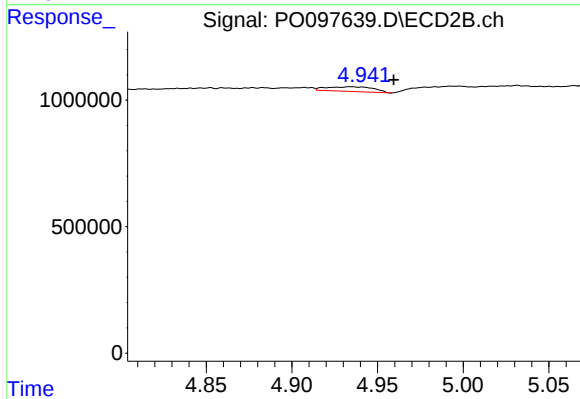
#21 AR-1248-1

R.T.: 4.729 min
Delta R.T.: 0.008 min
Response: 323799
Conc: 23.56 ng/ml



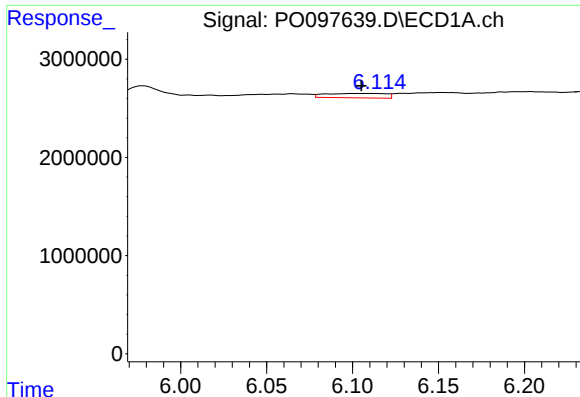
#22 AR-1248-2

R.T.: 5.902 min
Delta R.T.: 0.002 min
Response: 260614
Conc: 2.64 ng/ml



#22 AR-1248-2

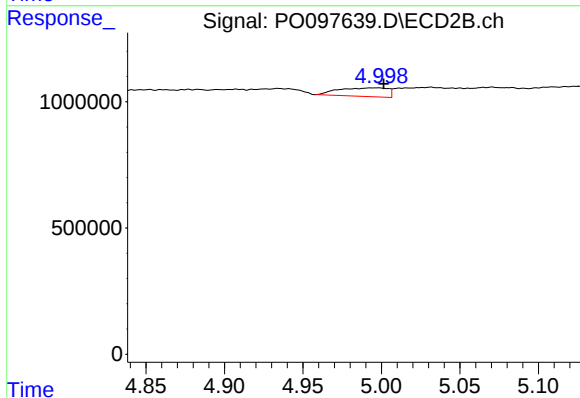
R.T.: 4.934 min
Delta R.T.: -0.025 min
Response: 352258
Conc: 15.89 ng/ml



#23 AR-1248-3

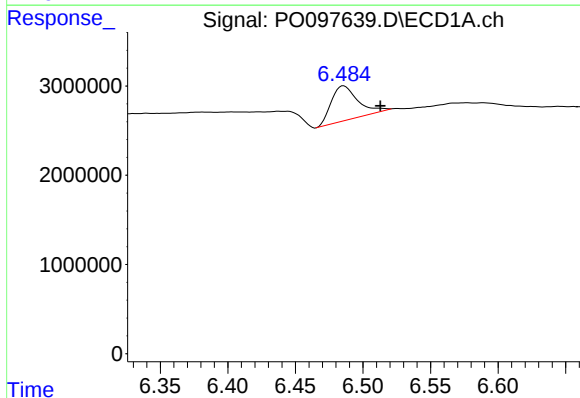
R.T.: 6.107 min
Delta R.T.: 0.002 min
Response: 1103022
Conc: 10.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



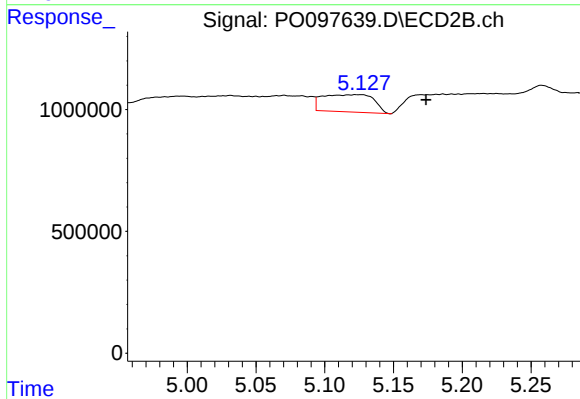
#23 AR-1248-3

R.T.: 4.997 min
Delta R.T.: -0.004 min
Response: 744922
Conc: 32.40 ng/ml



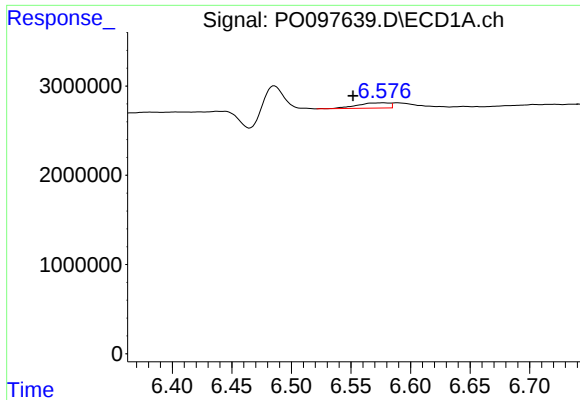
#24 AR-1248-4

R.T.: 6.486 min
Delta R.T.: -0.027 min
Response: 5391064
Conc: 58.93 ng/ml



#24 AR-1248-4

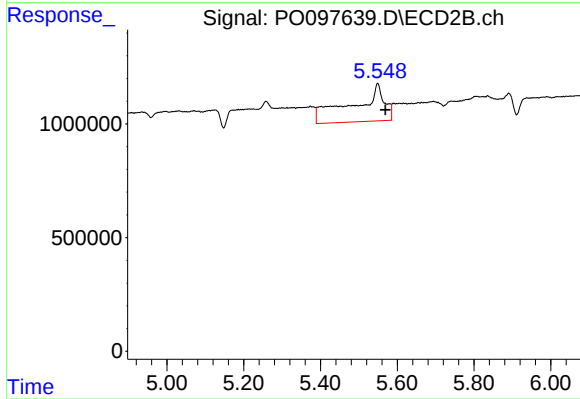
R.T.: 5.124 min
Delta R.T.: -0.049 min
Response: 1837391
Conc: 67.71 ng/ml



#25 AR-1248-5

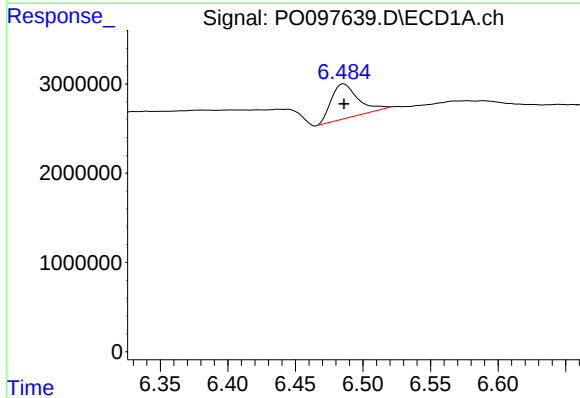
R.T.: 6.577 min
Delta R.T.: 0.025 min
Response: 1088529
Conc: 10.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



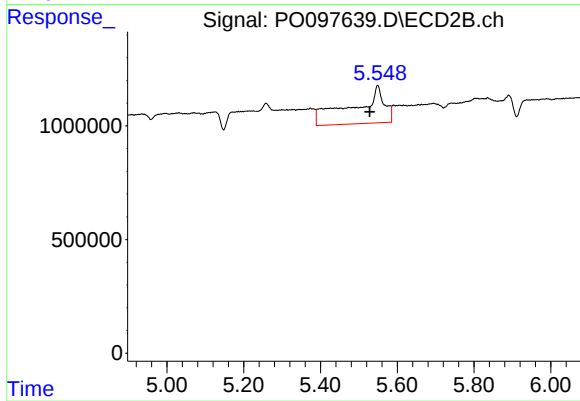
#25 AR-1248-5

R.T.: 5.549 min
Delta R.T.: -0.020 min
Response: 9454083
Conc: 418.18 ng/ml



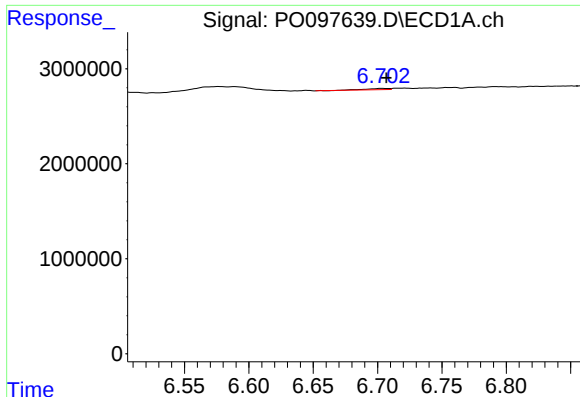
#26 AR-1254-1

R.T.: 6.486 min
Delta R.T.: 0.000 min
Response: 5391064
Conc: 49.04 ng/ml



#26 AR-1254-1

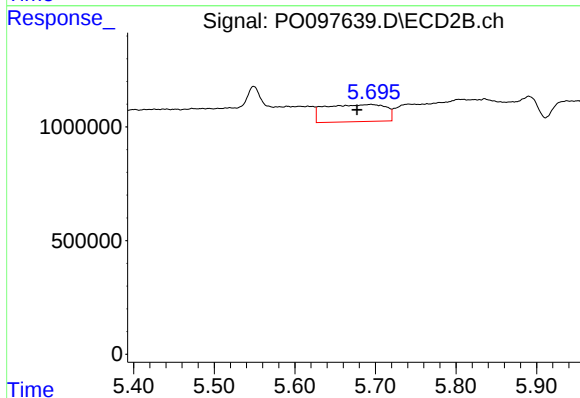
R.T.: 5.549 min
Delta R.T.: 0.020 min
Response: 9454083
Conc: 244.95 ng/ml



#27 AR-1254-2

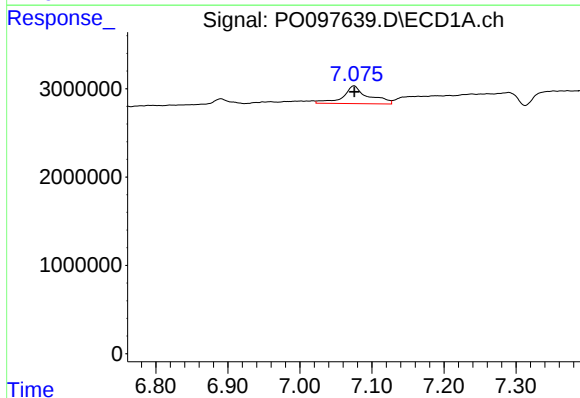
R.T.: 6.703 min
Delta R.T.: -0.004 min
Response: 169737
Conc: 1.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



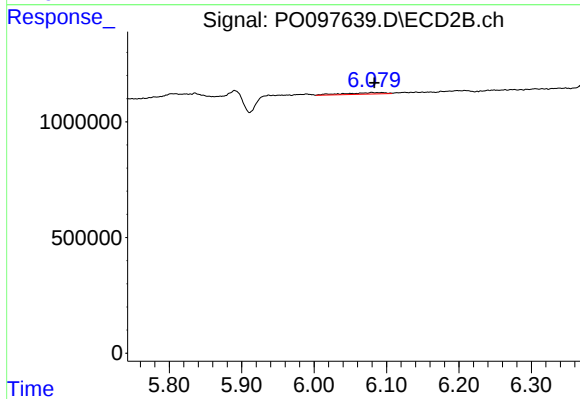
#27 AR-1254-2

R.T.: 5.694 min
Delta R.T.: 0.017 min
Response: 3922978
Conc: 115.18 ng/ml



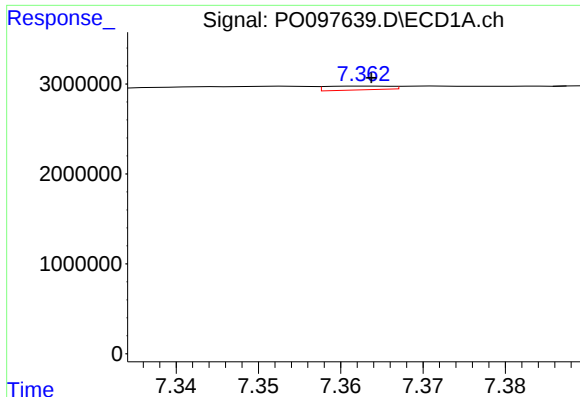
#28 AR-1254-3

R.T.: 7.075 min
Delta R.T.: 0.000 min
Response: 4935186
Conc: 30.30 ng/ml



#28 AR-1254-3

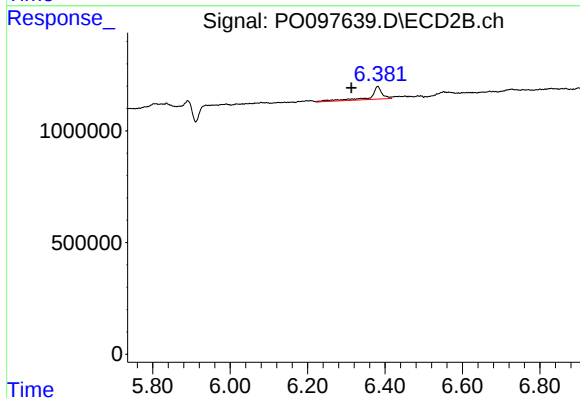
R.T.: 6.081 min
Delta R.T.: -0.003 min
Response: 255628
Conc: 4.82 ng/ml



#29 AR-1254-4

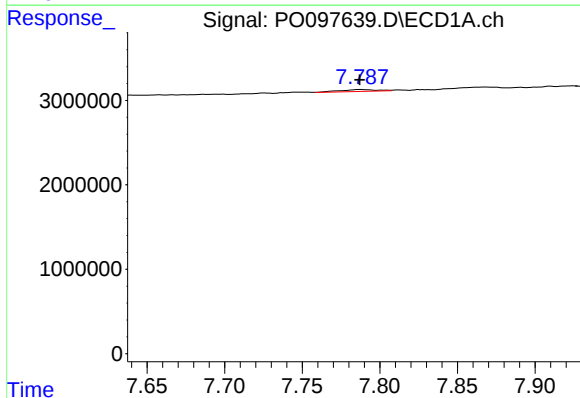
R.T.: 7.363 min
Delta R.T.: 0.000 min
Response: 226217
Conc: 2.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



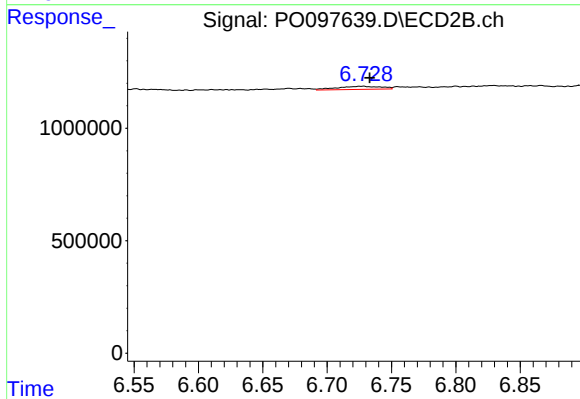
#29 AR-1254-4

R.T.: 6.381 min
Delta R.T.: 0.068 min
Response: 1186543
Conc: 43.51 ng/ml



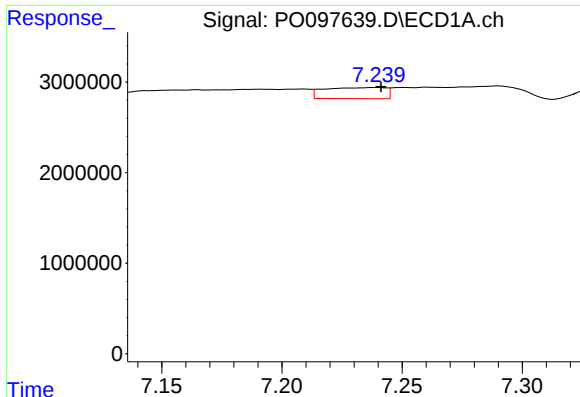
#30 AR-1254-5

R.T.: 7.787 min
Delta R.T.: 0.000 min
Response: 386726
Conc: 3.42 ng/ml



#30 AR-1254-5

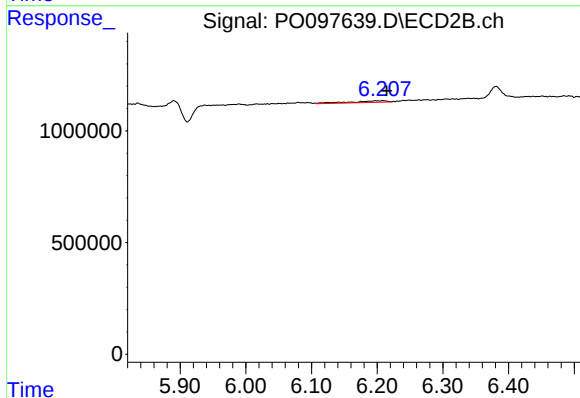
R.T.: 6.727 min
Delta R.T.: -0.006 min
Response: 323277
Conc: 7.33 ng/ml



#31 AR-1260-1

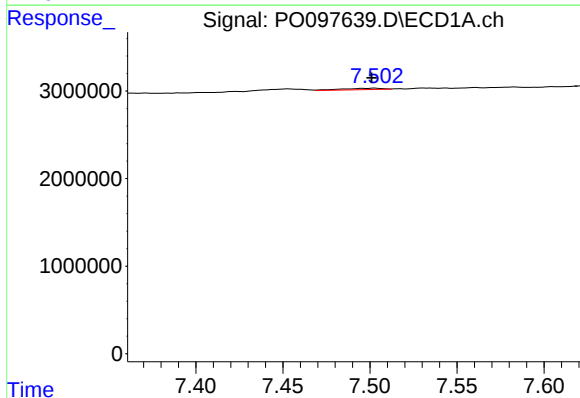
R.T.: 7.239 min
Delta R.T.: -0.002 min
Response: 2176252
Conc: 17.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



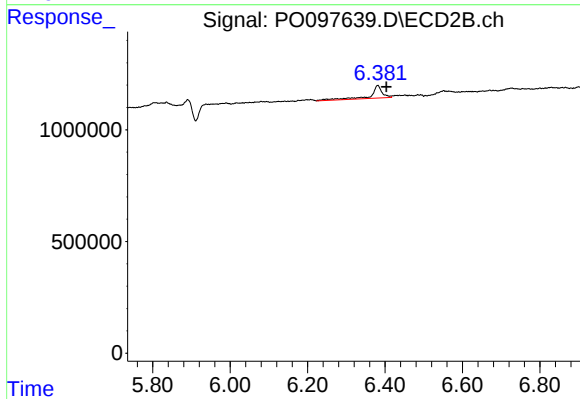
#31 AR-1260-1

R.T.: 6.208 min
Delta R.T.: -0.006 min
Response: 272843
Conc: 7.31 ng/ml



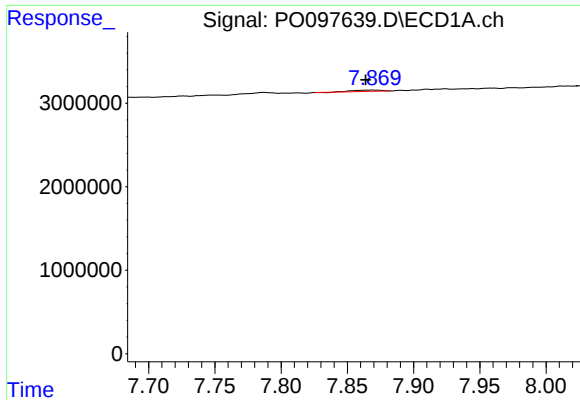
#32 AR-1260-2

R.T.: 7.503 min
Delta R.T.: 0.002 min
Response: 251540
Conc: 1.85 ng/ml



#32 AR-1260-2

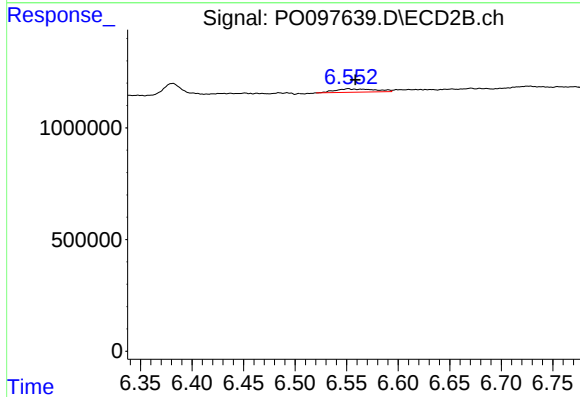
R.T.: 6.381 min
Delta R.T.: -0.023 min
Response: 1186543
Conc: 28.04 ng/ml



#33 AR-1260-3

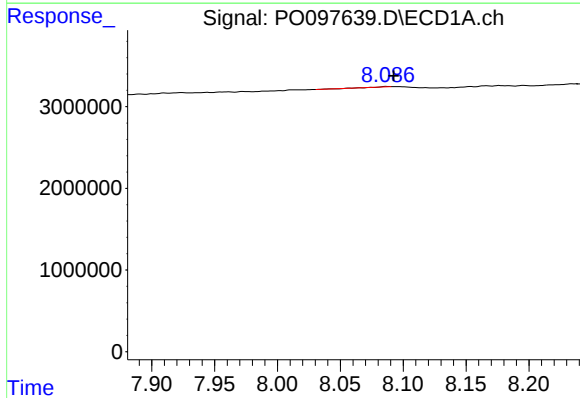
R.T.: 7.869 min
Delta R.T.: 0.005 min
Response: 244859
Conc: 2.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



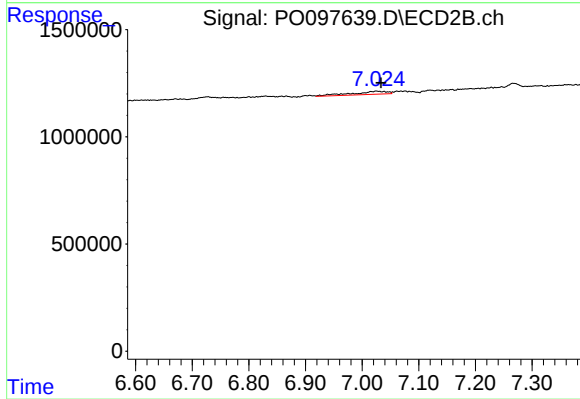
#33 AR-1260-3

R.T.: 6.552 min
Delta R.T.: -0.007 min
Response: 397001
Conc: 9.48 ng/ml



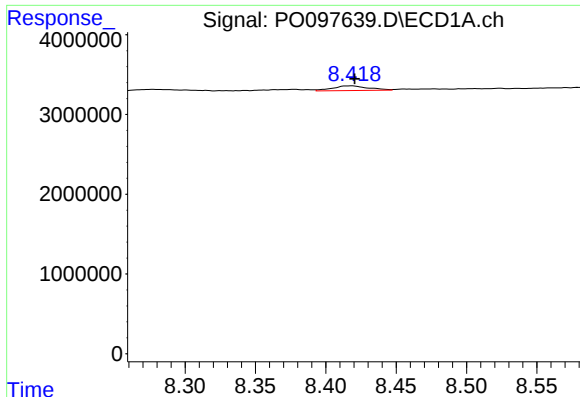
#34 AR-1260-4

R.T.: 8.087 min
Delta R.T.: -0.005 min
Response: 26698
Conc: 0.24 ng/ml



#34 AR-1260-4

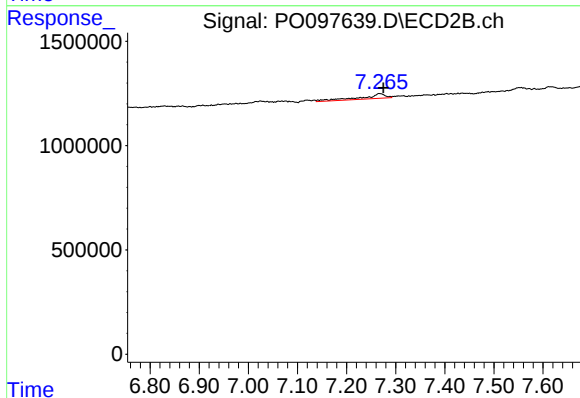
R.T.: 7.026 min
Delta R.T.: -0.007 min
Response: 635854
Conc: 19.66 ng/ml



#35 AR-1260-5

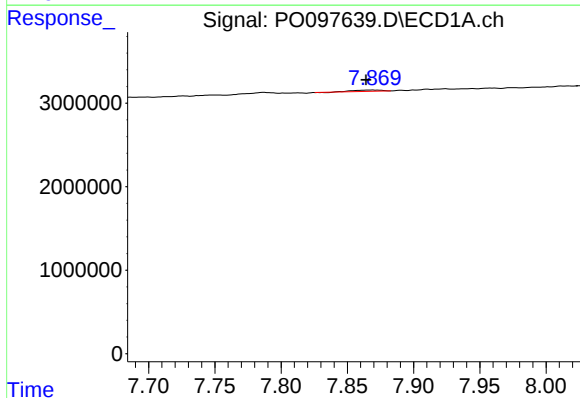
R.T.: 8.419 min
Delta R.T.: -0.002 min
Response: 1046818
Conc: 5.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



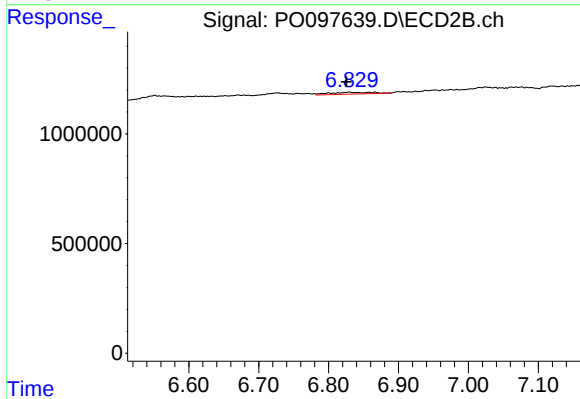
#35 AR-1260-5

R.T.: 7.268 min
Delta R.T.: -0.008 min
Response: 797182
Conc: 12.07 ng/ml



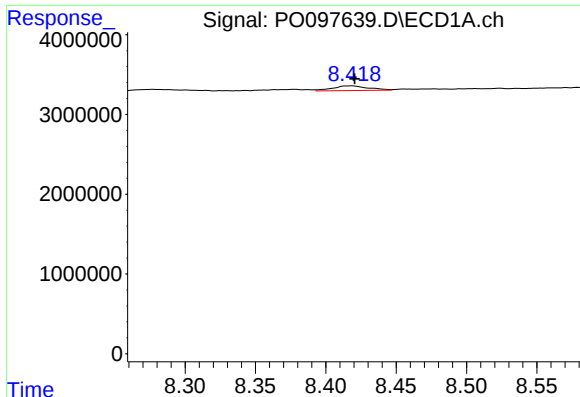
#36 AR-1262-1

R.T.: 7.869 min
Delta R.T.: 0.004 min
Response: 244859
Conc: 1.63 ng/ml



#36 AR-1262-1

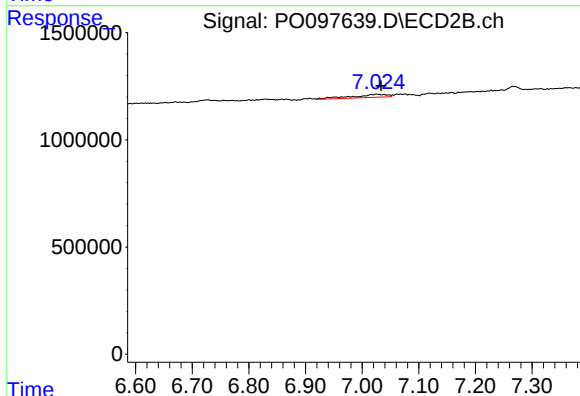
R.T.: 6.829 min
Delta R.T.: 0.003 min
Response: 354410
Conc: 17.66 ng/ml



#37 AR-1262-2

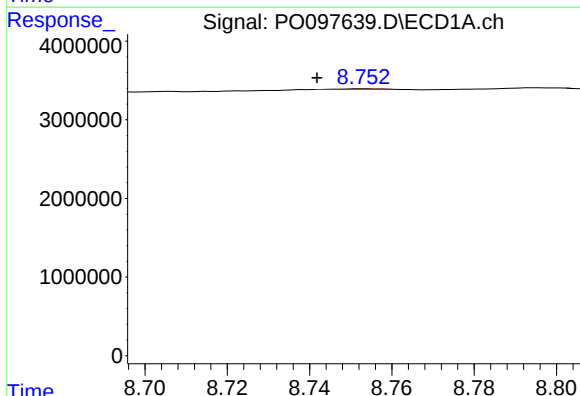
R.T.: 8.419 min
Delta R.T.: -0.002 min
Response: 1046818
Conc: 4.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



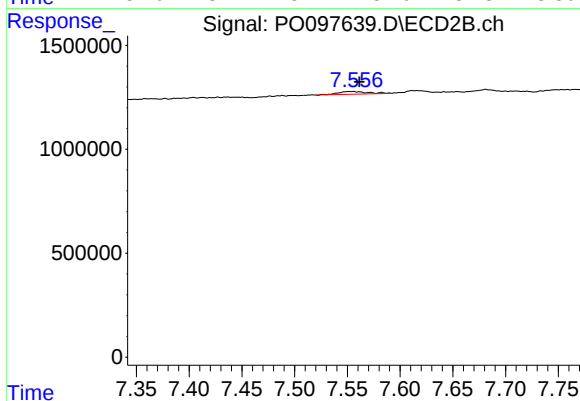
#37 AR-1262-2

R.T.: 7.026 min
Delta R.T.: -0.007 min
Response: 635854
Conc: 14.55 ng/ml



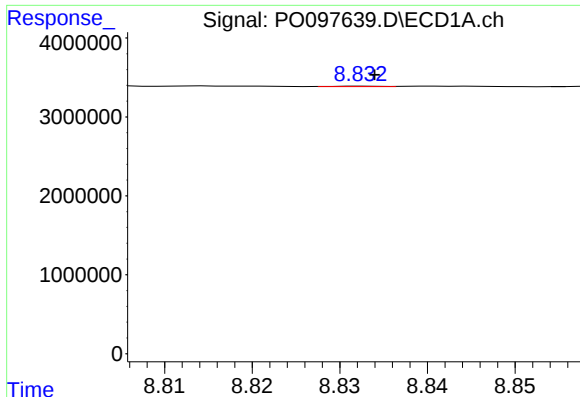
#38 AR-1262-3

R.T.: 8.753 min
Delta R.T.: 0.012 min
Response: 47806
Conc: 0.31 ng/ml



#38 AR-1262-3

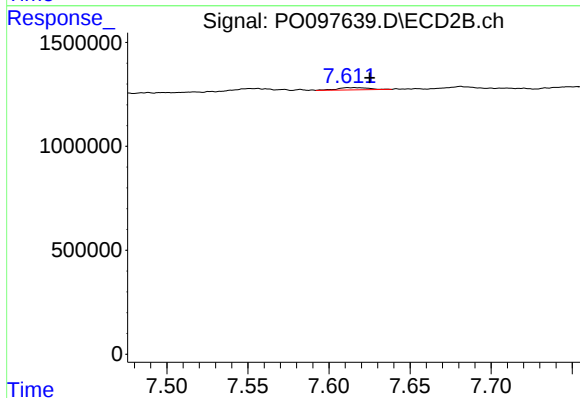
R.T.: 7.553 min
Delta R.T.: -0.009 min
Response: 262733
Conc: 8.43 ng/ml



#39 AR-1262-4

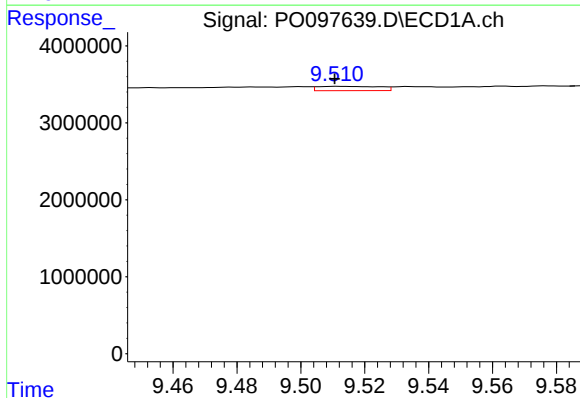
R.T.: 8.833 min
Delta R.T.: -0.001 min
Response: 17216
Conc: 0.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



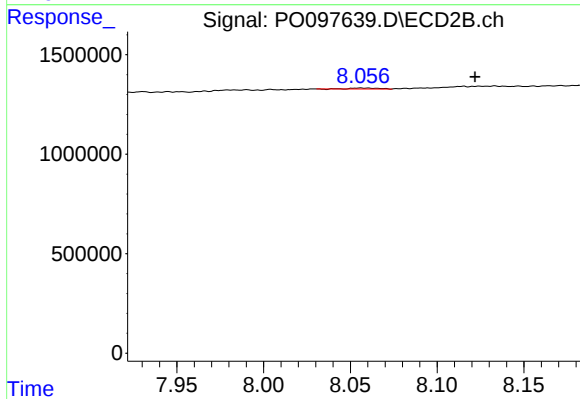
#39 AR-1262-4

R.T.: 7.615 min
Delta R.T.: -0.010 min
Response: 152763
Conc: 2.72 ng/ml



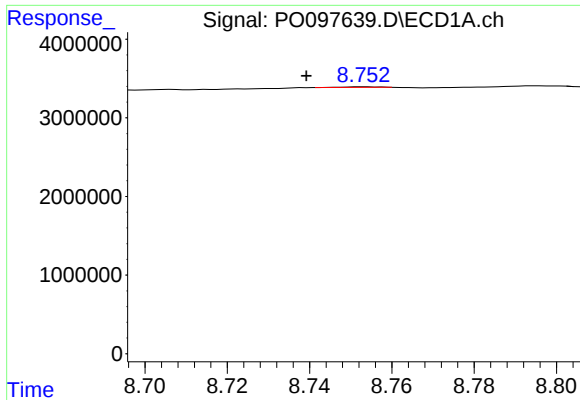
#40 AR-1262-5

R.T.: 9.511 min
Delta R.T.: 0.000 min
Response: 754843
Conc: 10.98 ng/ml



#40 AR-1262-5

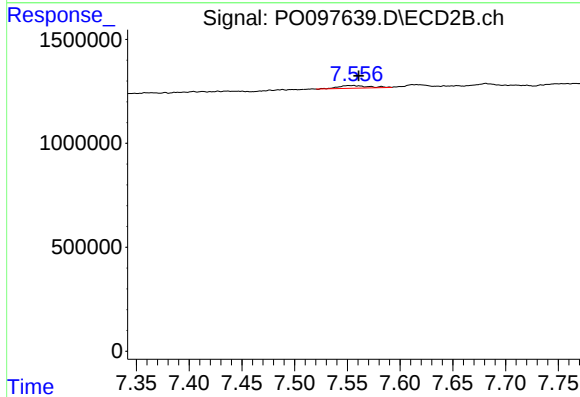
R.T.: 8.057 min
Delta R.T.: -0.065 min
Response: 51997
Conc: 2.21 ng/ml



#41 AR-1268-1

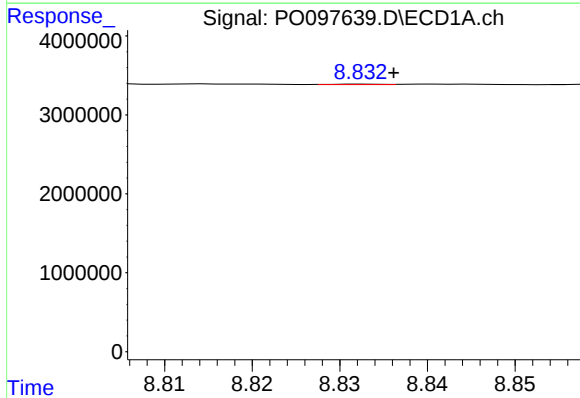
R.T.: 8.753 min
Delta R.T.: 0.014 min
Response: 47806
Conc: 0.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



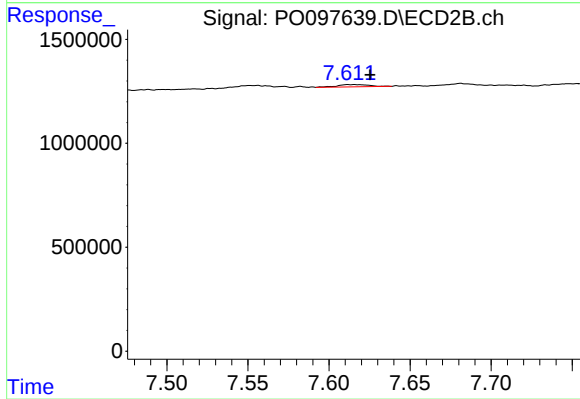
#41 AR-1268-1

R.T.: 7.553 min
Delta R.T.: -0.008 min
Response: 262733
Conc: 2.74 ng/ml



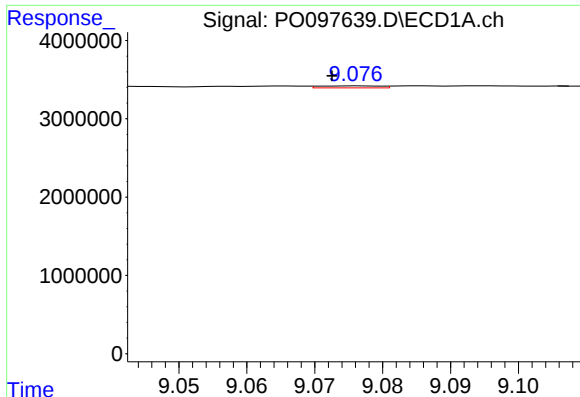
#42 AR-1268-2

R.T.: 8.833 min
Delta R.T.: -0.003 min
Response: 17216
Conc: 0.07 ng/ml



#42 AR-1268-2

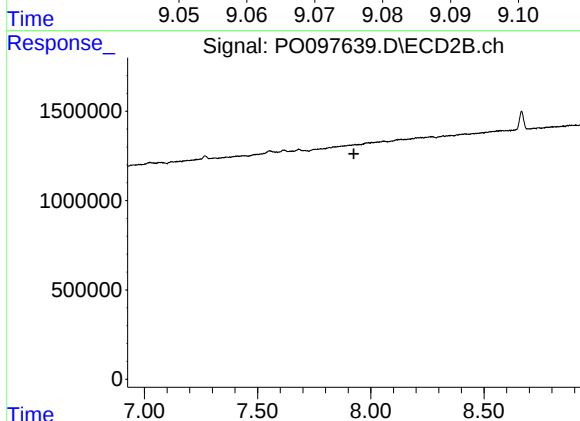
R.T.: 7.615 min
Delta R.T.: -0.011 min
Response: 152763
Conc: 1.84 ng/ml



#43 AR-1268-3

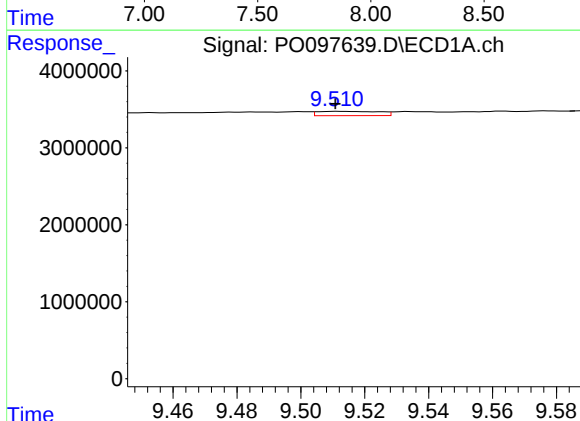
R.T.: 9.076 min
Delta R.T.: 0.004 min
Response: 161037
Conc: 0.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



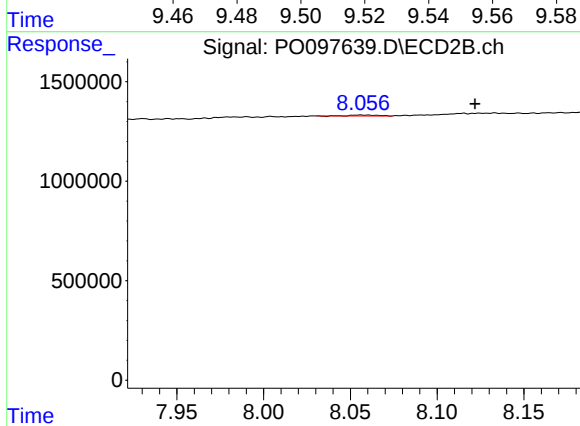
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.926 min
Response: 0
Conc: N.D.



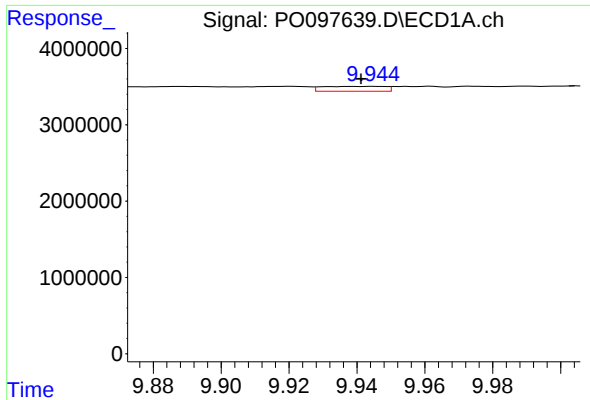
#44 AR-1268-4

R.T.: 9.511 min
Delta R.T.: 0.000 min
Response: 754843
Conc: 9.81 ng/ml



#44 AR-1268-4

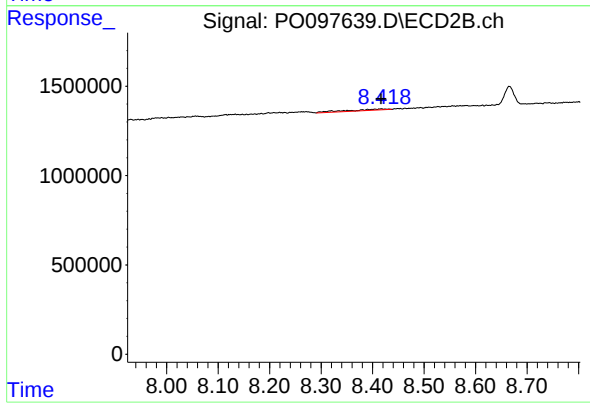
R.T.: 8.057 min
Delta R.T.: -0.065 min
Response: 51997
Conc: 2.01 ng/ml



#45 AR-1268-5

R.T.: 9.945 min
Delta R.T.: 0.004 min
Response: 818396
Conc: 1.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.417 min
Delta R.T.: 0.000 min
Response: 385908
Conc: 1.69 ng/ml