

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112923\
 Data File : PO100126.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Nov 2023 10:44
 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: Nov 29 15:27:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 21 15:58:40 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...	4.476	3.696	91891	24599	0.054	0.016 #
2)	SA Decachlor...	10.371	8.805	48024	17072	0.066	0.015 #
Target Compounds							
3)	L1 AR-1016-1	5.648	4.818	176398	79957	4.100	2.532 #
4)	L1 AR-1016-2	5.687	4.836	55407	22622	0.856	0.523 #
5)	L1 AR-1016-3	5.761	5.010	137299	135670	3.150	5.850 #
6)	L1 AR-1016-4	5.866	5.068	61501	151645	1.863	7.397 #
7)	L1 AR-1016-5	6.141	5.266	65577	43669	2.089	1.712
8)	L2 AR-1221-1	4.695	3.936	22009	195933	1.068	10.307 #
9)	L2 AR-1221-2	4.776	4.009	45527	95385	3.014	7.320 #
10)	L2 AR-1221-3	4.859	4.086	22058	67951	0.492	1.892 #
11)	L3 AR-1232-1	4.859	4.086	22058	67951	0.618	2.316 #
12)	L3 AR-1232-2	5.396	4.836	26293	22622	1.511	1.141
13)	L3 AR-1232-3	5.687	5.010	55407	135670	1.955	13.091 #
14)	L3 AR-1232-4	5.866	5.102	61501	193335	4.427	19.450 #
15)	L3 AR-1232-5	5.949	5.266	53938	43669	4.395	4.043
16)	L4 AR-1242-1	5.648	4.818	176398	79957	5.092	3.042 #
17)	L4 AR-1242-2	5.687	4.836	55407	22622	1.056	0.643 #
18)	L4 AR-1242-3	5.761	5.010	137299	135670	3.945	7.085 #
19)	L4 AR-1242-4	5.866	5.102	61501	193335	2.339	9.599 #
20)	L4 AR-1242-5	6.620	5.651	269865	355041	12.070	15.195 #
21)	L5 AR-1248-1	5.648	4.804	176398	44973	6.823	2.250 #
22)	L5 AR-1248-2	5.949	5.068	53938	151645	1.319	5.420 #
23)	L5 AR-1248-3	6.141	5.102	65577	193335	1.531	6.695 #
24)	L5 AR-1248-4	6.554	5.266	86652	43669	2.299	1.332 #
25)	L5 AR-1248-5	6.620	5.676	269865	66586	7.307	2.229 #
26)	L6 AR-1254-1	6.539	5.651	199706	355041	4.147	6.849 #
27)	L6 AR-1254-2	6.761	5.793	116880	215835	1.704	4.635 #
28)	L6 AR-1254-3	7.123	6.199	369445	402595	5.799	5.162
29)	L6 AR-1254-4	7.414	6.420	91139	252138	2.411	5.908 #
30)	L6 AR-1254-5	7.840	6.795f	33664	56583	0.786	0.782
31)	L7 AR-1260-1	7.305	6.310	131872	64818	2.477	1.122 #
32)	L7 AR-1260-2	7.564	6.488	215478	506162	4.074	7.621 #
33)	L7 AR-1260-3	7.928	6.667	40591	37358	1.138	0.584 #
34)	L7 AR-1260-4	8.142	7.141	82040	33739	1.982	0.669 #
35)	L7 AR-1260-5	8.476	7.348	38959	122830	0.583	1.096 #
36)	L8 AR-1262-1	7.840	6.795f	33664	56583	0.931	1.480 #
37)	L8 AR-1262-2	8.476	7.141	38959	33739	0.459	0.447
38)	L8 AR-1262-3	8.794	7.663	54257	11176	0.901	0.192 #
39)	L8 AR-1262-4	8.897	7.753	33671	77685	0.698	0.756
40)	L8 AR-1262-5	9.566	8.235	33954	13354	1.301	0.306 #
41)	L9 AR-1268-1	8.794	7.663	54257	11176	0.492	0.067 #

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 ALS Vial : 1 Sample Multiplier: 1

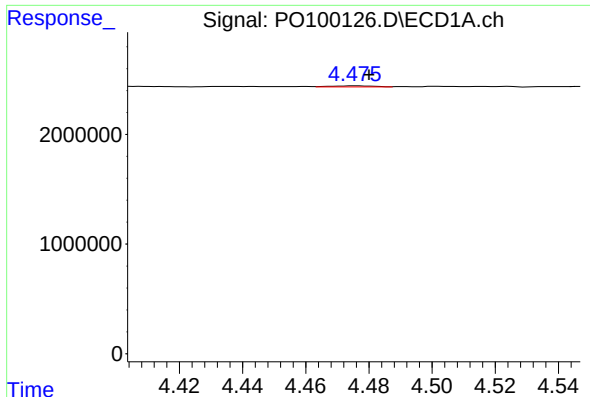
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 29 15:27:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112123.M
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 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	8.897	7.753	33671	77685	0.350	0.509 #
43) L9	AR-1268-3	9.130	7.919	28062	72541	0.311	0.506 #
44) L9	AR-1268-4	9.566	8.235	33954	13354	1.194	0.284 #
45) L9	AR-1268-5	10.014	8.541	70087	31038	0.279	0.078 #

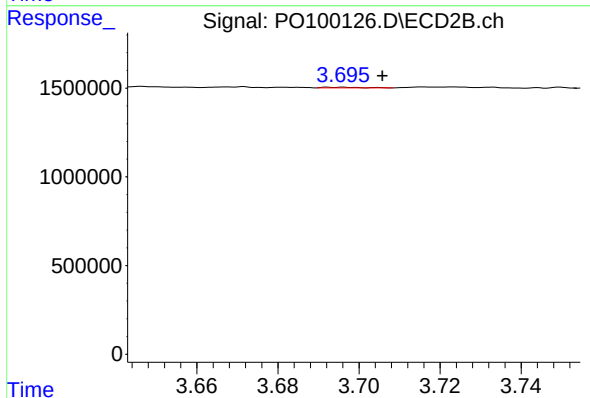
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

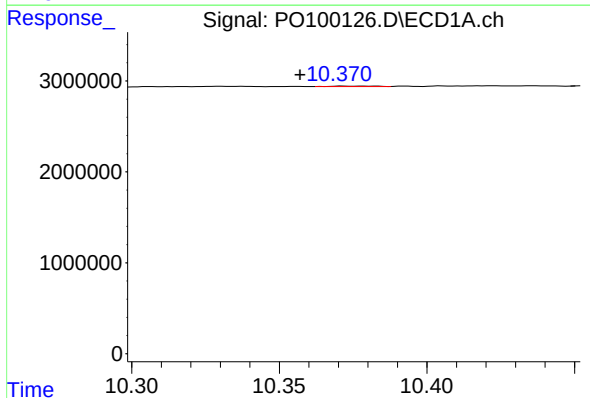
R.T.: 4.476 min
Delta R.T.: -0.004 min
Response: 91891
Conc: 0.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



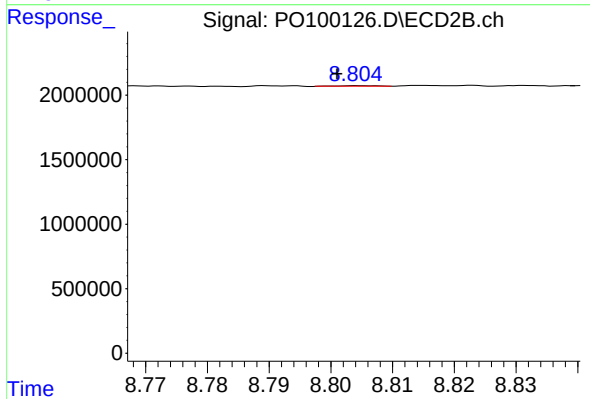
#1 Tetrachloro-m-xylene

R.T.: 3.696 min
Delta R.T.: -0.010 min
Response: 24599
Conc: 0.02 ng/ml



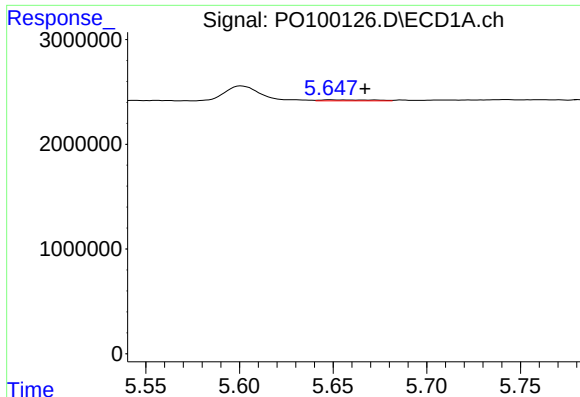
#2 Decachlorobiphenyl

R.T.: 10.371 min
Delta R.T.: 0.014 min
Response: 48024
Conc: 0.07 ng/ml



#2 Decachlorobiphenyl

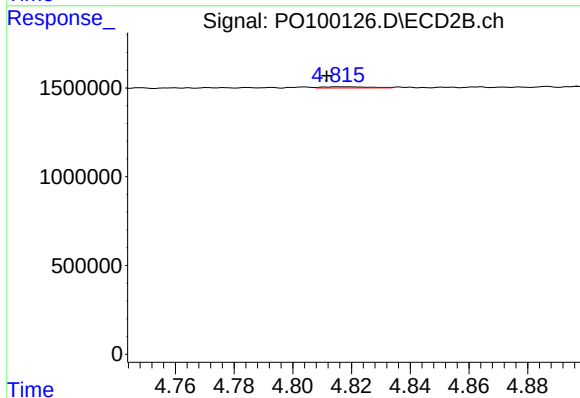
R.T.: 8.805 min
Delta R.T.: 0.004 min
Response: 17072
Conc: 0.02 ng/ml



#3 AR-1016-1

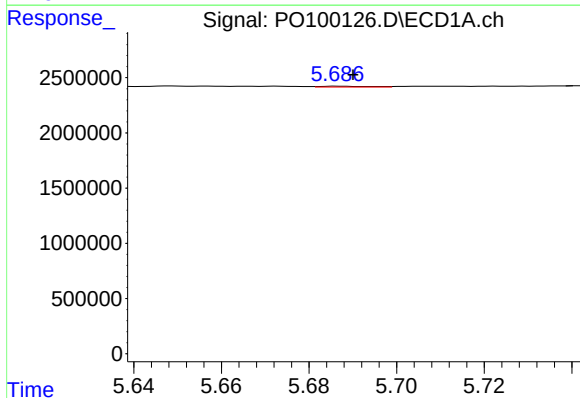
R.T.: 5.648 min
Delta R.T.: -0.019 min
Response: 176398
Conc: 4.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



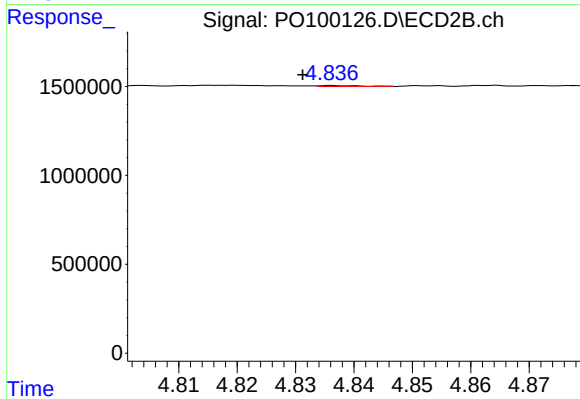
#3 AR-1016-1

R.T.: 4.818 min
Delta R.T.: 0.007 min
Response: 79957
Conc: 2.53 ng/ml



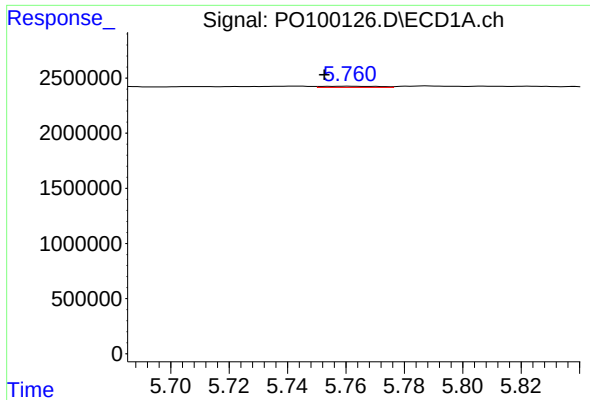
#4 AR-1016-2

R.T.: 5.687 min
Delta R.T.: -0.003 min
Response: 55407
Conc: 0.86 ng/ml



#4 AR-1016-2

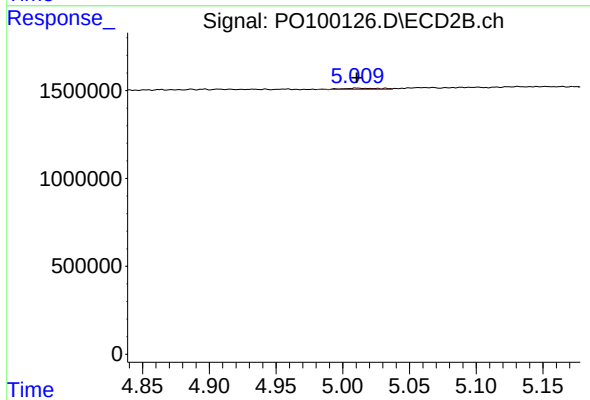
R.T.: 4.836 min
Delta R.T.: 0.005 min
Response: 22622
Conc: 0.52 ng/ml



#5 AR-1016-3

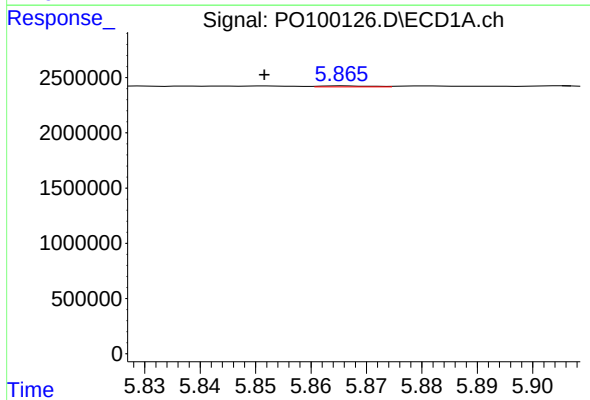
R.T.: 5.761 min
Delta R.T.: 0.009 min
Response: 137299
Conc: 3.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



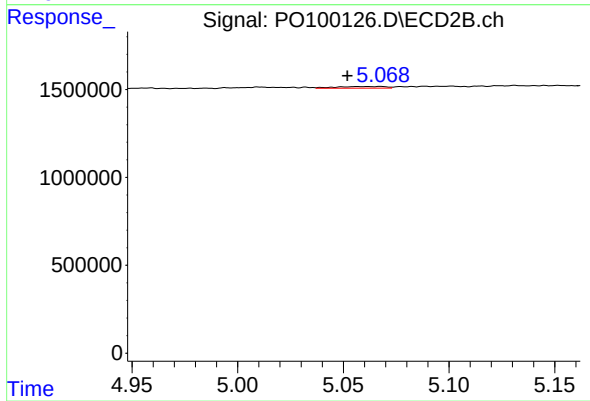
#5 AR-1016-3

R.T.: 5.010 min
Delta R.T.: 0.000 min
Response: 135670
Conc: 5.85 ng/ml



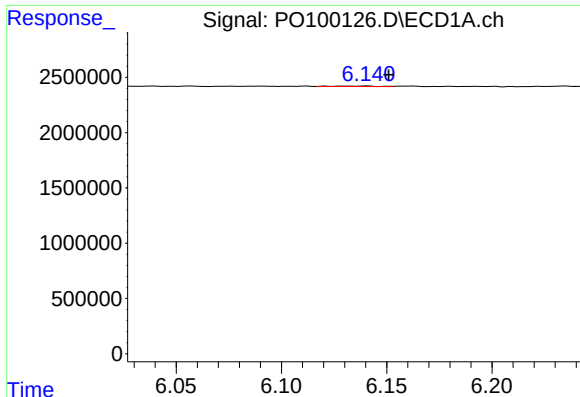
#6 AR-1016-4

R.T.: 5.866 min
Delta R.T.: 0.014 min
Response: 61501
Conc: 1.86 ng/ml



#6 AR-1016-4

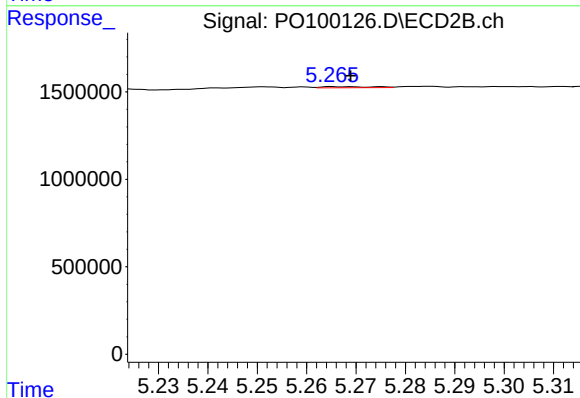
R.T.: 5.068 min
Delta R.T.: 0.016 min
Response: 151645
Conc: 7.40 ng/ml



#7 AR-1016-5

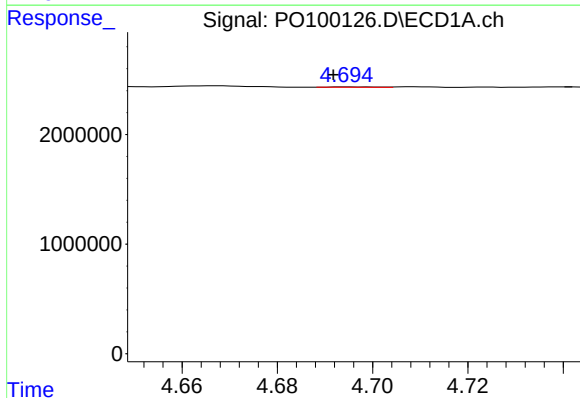
R.T.: 6.141 min
Delta R.T.: -0.010 min
Response: 65577
Conc: 2.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



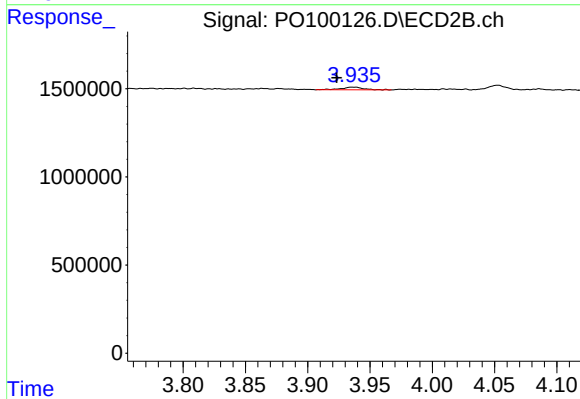
#7 AR-1016-5

R.T.: 5.266 min
Delta R.T.: -0.003 min
Response: 43669
Conc: 1.71 ng/ml



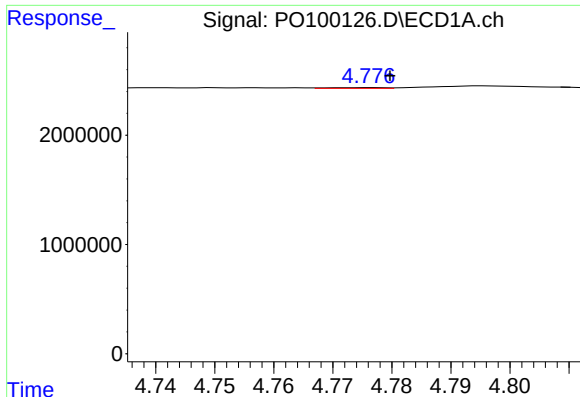
#8 AR-1221-1

R.T.: 4.695 min
Delta R.T.: 0.003 min
Response: 22009
Conc: 1.07 ng/ml



#8 AR-1221-1

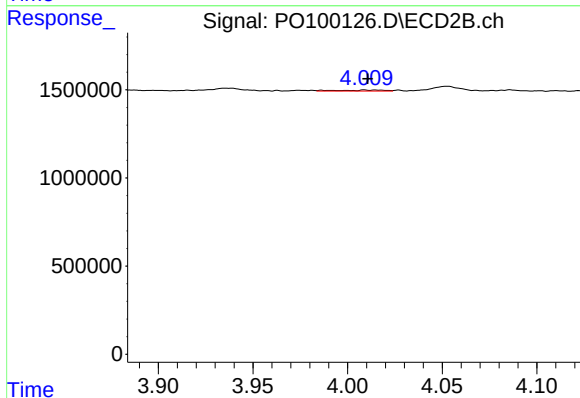
R.T.: 3.936 min
Delta R.T.: 0.013 min
Response: 195933
Conc: 10.31 ng/ml



#9 AR-1221-2

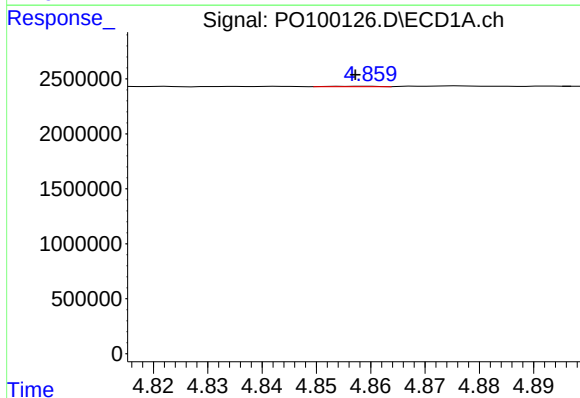
R.T.: 4.776 min
Delta R.T.: -0.004 min
Response: 45527
Conc: 3.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



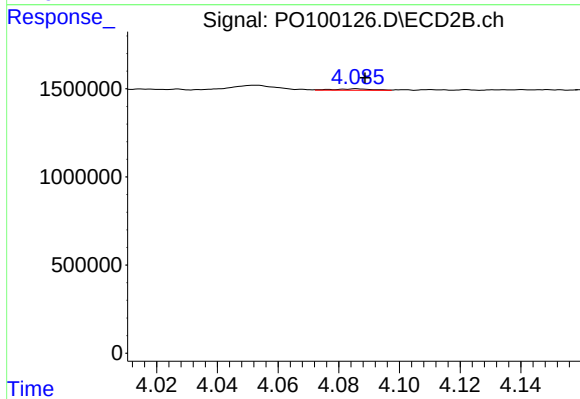
#9 AR-1221-2

R.T.: 4.009 min
Delta R.T.: -0.002 min
Response: 95385
Conc: 7.32 ng/ml



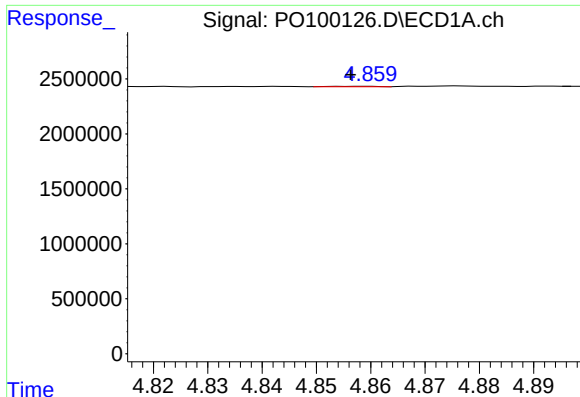
#10 AR-1221-3

R.T.: 4.859 min
Delta R.T.: 0.002 min
Response: 22058
Conc: 0.49 ng/ml



#10 AR-1221-3

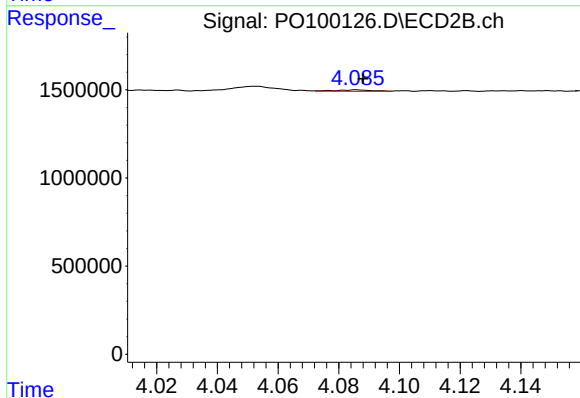
R.T.: 4.086 min
Delta R.T.: -0.003 min
Response: 67951
Conc: 1.89 ng/ml



#11 AR-1232-1

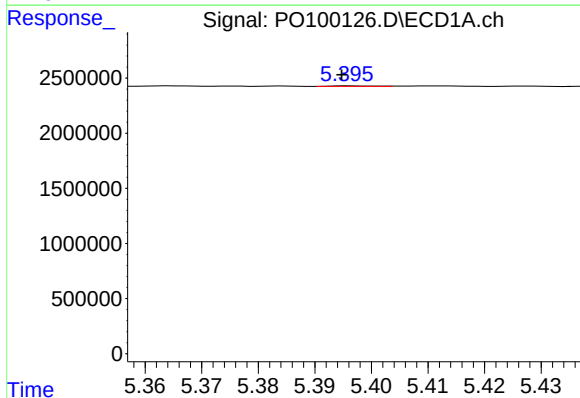
R.T.: 4.859 min
Delta R.T.: 0.003 min
Response: 22058
Conc: 0.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



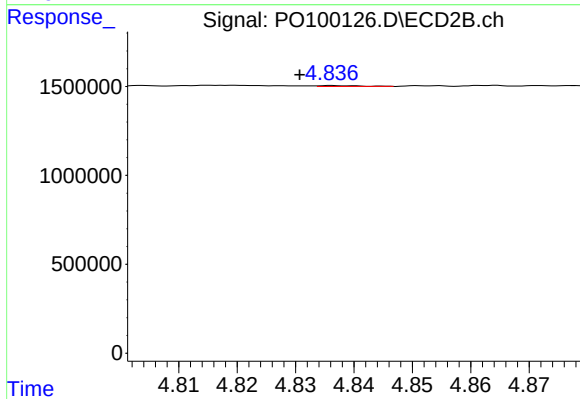
#11 AR-1232-1

R.T.: 4.086 min
Delta R.T.: -0.002 min
Response: 67951
Conc: 2.32 ng/ml



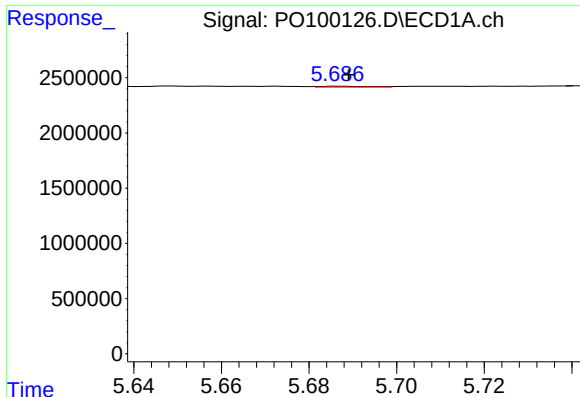
#12 AR-1232-2

R.T.: 5.396 min
Delta R.T.: 0.001 min
Response: 26293
Conc: 1.51 ng/ml



#12 AR-1232-2

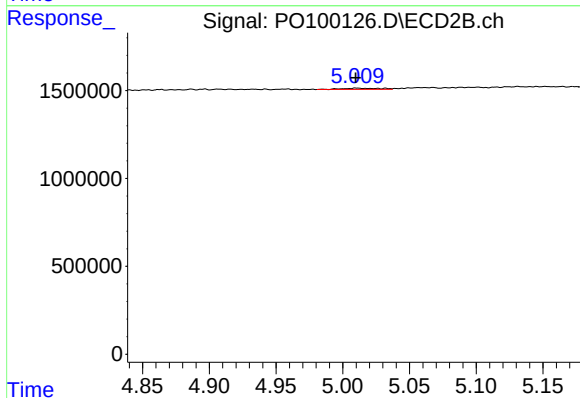
R.T.: 4.836 min
Delta R.T.: 0.006 min
Response: 22622
Conc: 1.14 ng/ml



#13 AR-1232-3

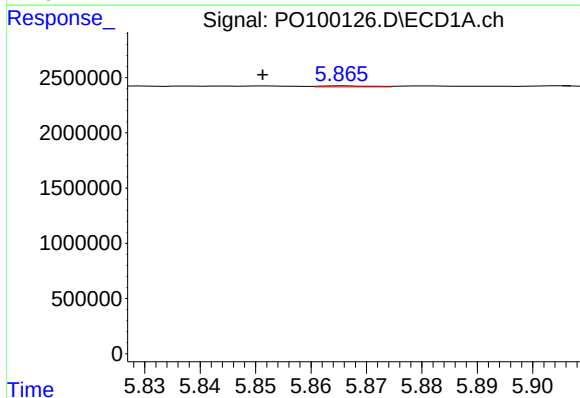
R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 55407
Conc: 1.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



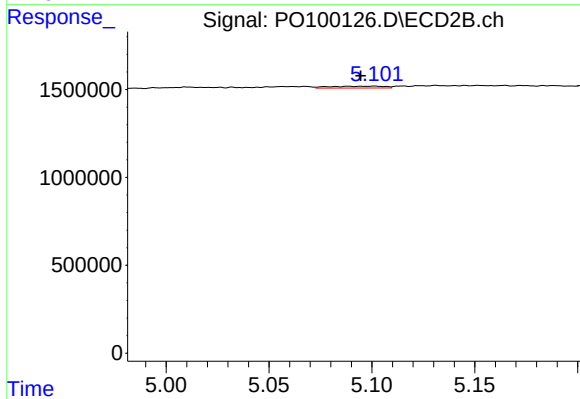
#13 AR-1232-3

R.T.: 5.010 min
Delta R.T.: 0.000 min
Response: 135670
Conc: 13.09 ng/ml



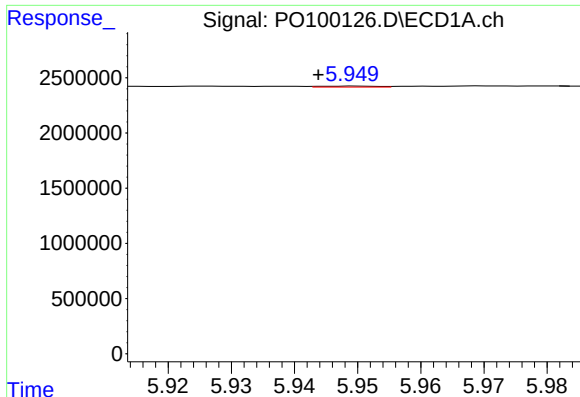
#14 AR-1232-4

R.T.: 5.866 min
Delta R.T.: 0.014 min
Response: 61501
Conc: 4.43 ng/ml



#14 AR-1232-4

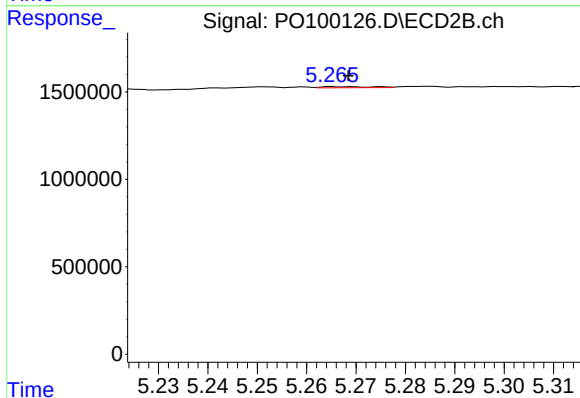
R.T.: 5.102 min
Delta R.T.: 0.007 min
Response: 193335
Conc: 19.45 ng/ml



#15 AR-1232-5

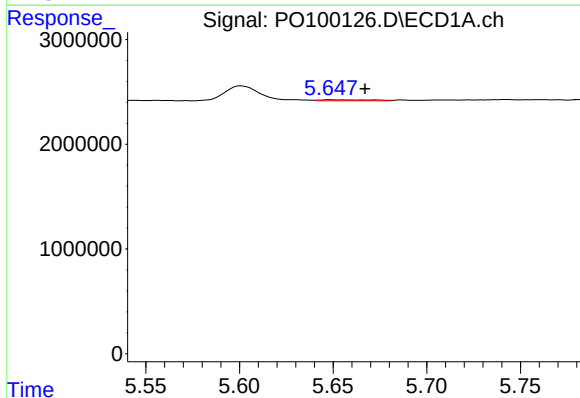
R.T.: 5.949 min
Delta R.T.: 0.006 min
Response: 53938
Conc: 4.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



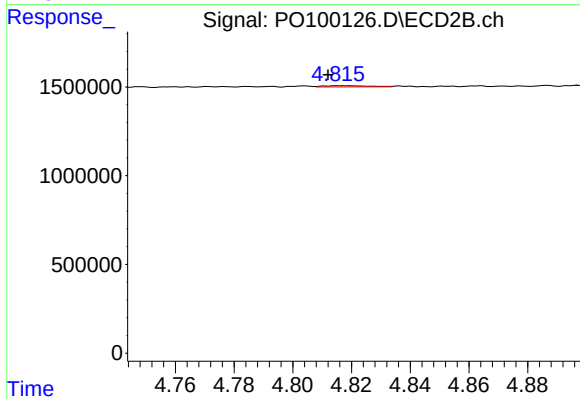
#15 AR-1232-5

R.T.: 5.266 min
Delta R.T.: -0.003 min
Response: 43669
Conc: 4.04 ng/ml



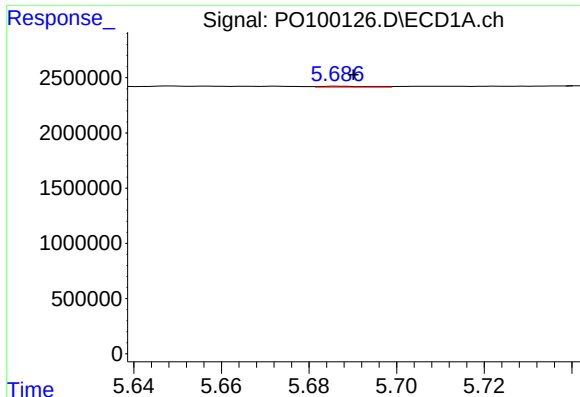
#16 AR-1242-1

R.T.: 5.648 min
Delta R.T.: -0.019 min
Response: 176398
Conc: 5.09 ng/ml



#16 AR-1242-1

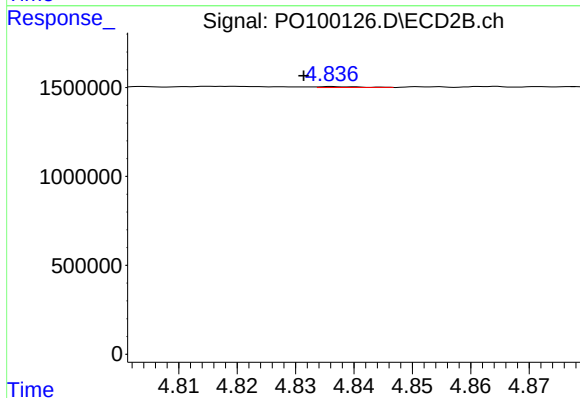
R.T.: 4.818 min
Delta R.T.: 0.006 min
Response: 79957
Conc: 3.04 ng/ml



#17 AR-1242-2

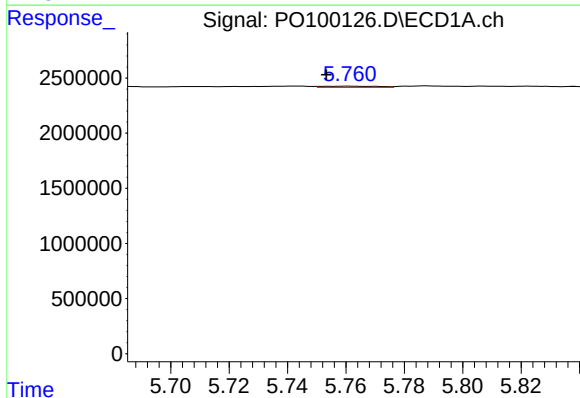
R.T.: 5.687 min
Delta R.T.: -0.003 min
Response: 55407
Conc: 1.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



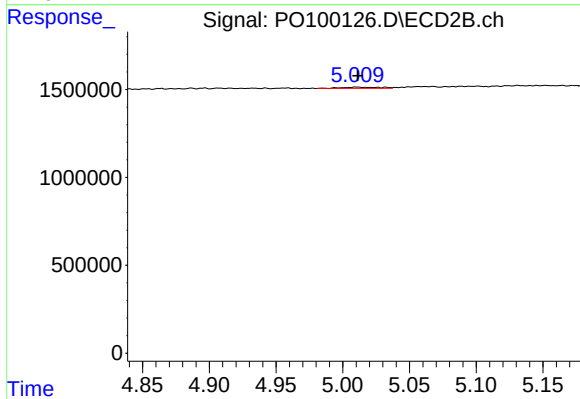
#17 AR-1242-2

R.T.: 4.836 min
Delta R.T.: 0.005 min
Response: 22622
Conc: 0.64 ng/ml



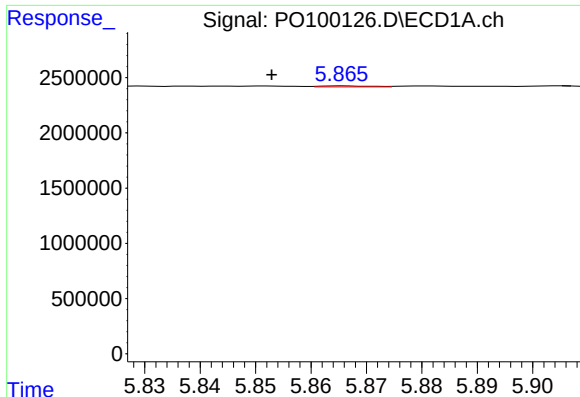
#18 AR-1242-3

R.T.: 5.761 min
Delta R.T.: 0.008 min
Response: 137299
Conc: 3.94 ng/ml



#18 AR-1242-3

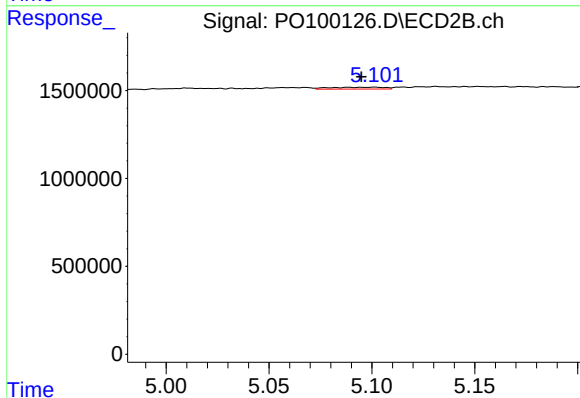
R.T.: 5.010 min
Delta R.T.: 0.000 min
Response: 135670
Conc: 7.08 ng/ml



#19 AR-1242-4

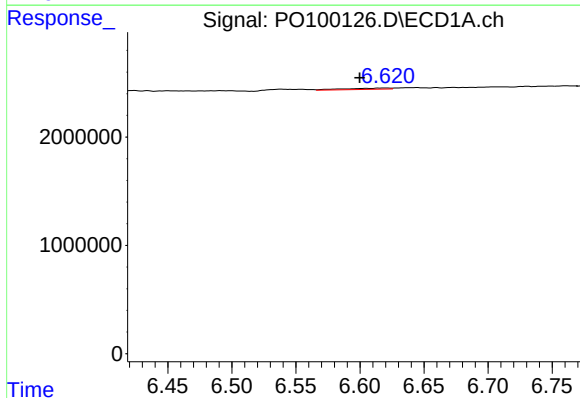
R.T.: 5.866 min
Delta R.T.: 0.013 min
Response: 61501
Conc: 2.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



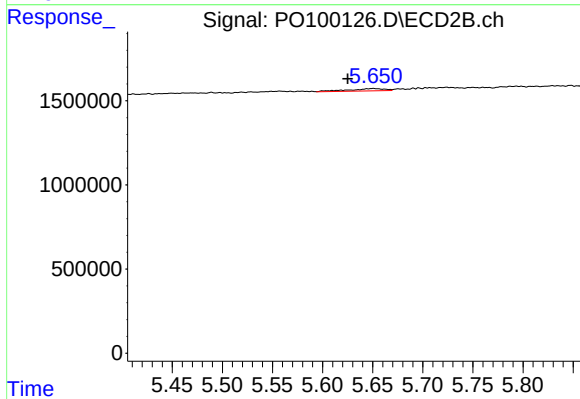
#19 AR-1242-4

R.T.: 5.102 min
Delta R.T.: 0.007 min
Response: 193335
Conc: 9.60 ng/ml



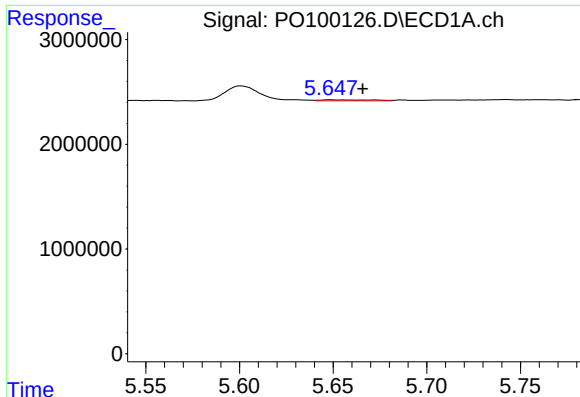
#20 AR-1242-5

R.T.: 6.620 min
Delta R.T.: 0.020 min
Response: 269865
Conc: 12.07 ng/ml



#20 AR-1242-5

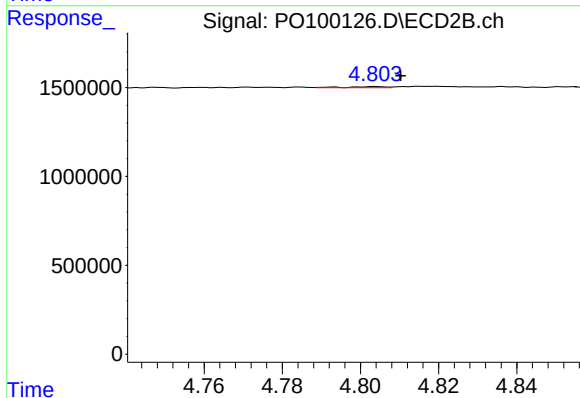
R.T.: 5.651 min
Delta R.T.: 0.025 min
Response: 355041
Conc: 15.19 ng/ml



#21 AR-1248-1

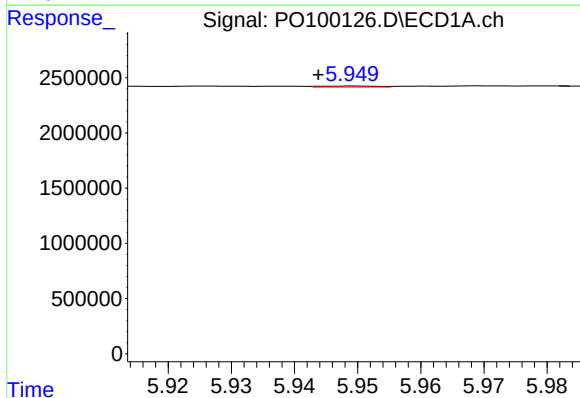
R.T.: 5.648 min
Delta R.T.: -0.017 min
Response: 176398
Conc: 6.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



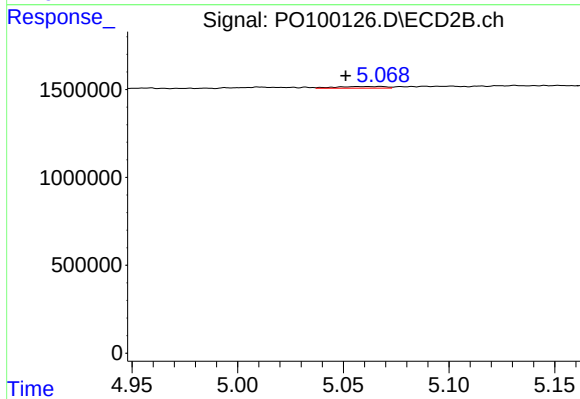
#21 AR-1248-1

R.T.: 4.804 min
Delta R.T.: -0.006 min
Response: 44973
Conc: 2.25 ng/ml



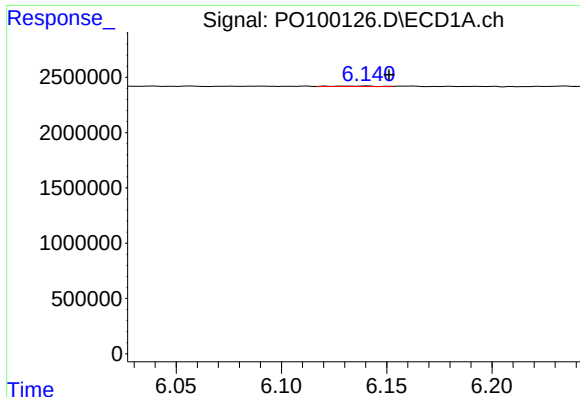
#22 AR-1248-2

R.T.: 5.949 min
Delta R.T.: 0.006 min
Response: 53938
Conc: 1.32 ng/ml



#22 AR-1248-2

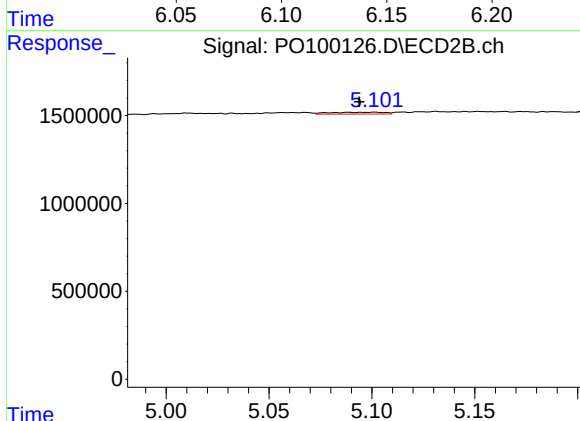
R.T.: 5.068 min
Delta R.T.: 0.016 min
Response: 151645
Conc: 5.42 ng/ml



#23 AR-1248-3

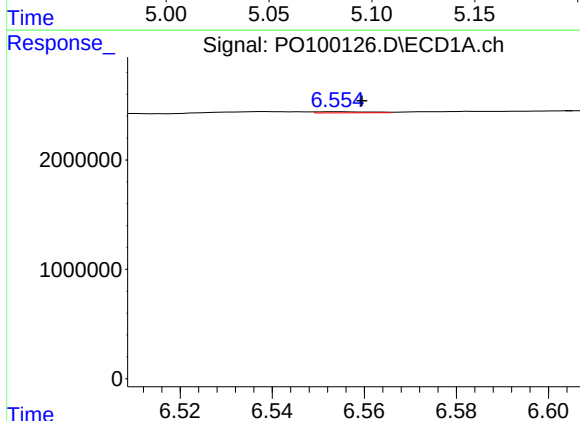
R.T.: 6.141 min
Delta R.T.: -0.010 min
Response: 65577
Conc: 1.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



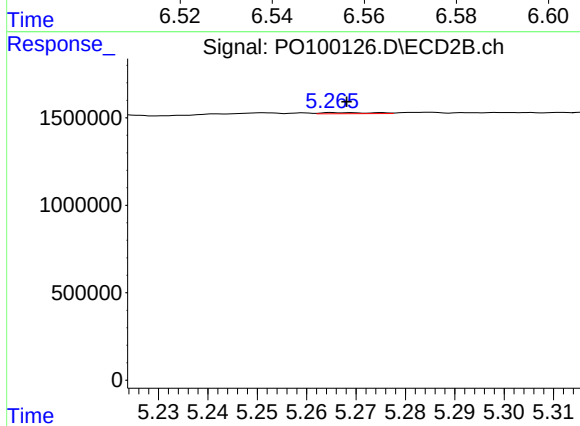
#23 AR-1248-3

R.T.: 5.102 min
Delta R.T.: 0.008 min
Response: 193335
Conc: 6.69 ng/ml



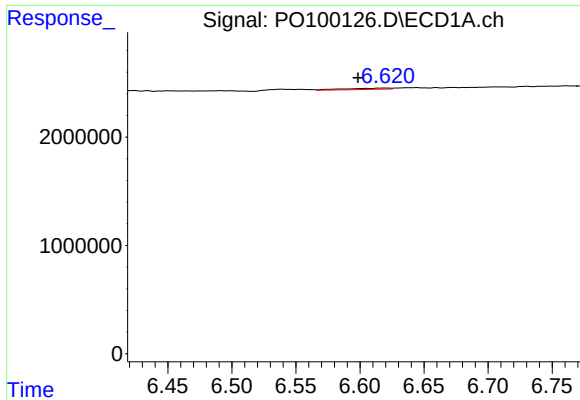
#24 AR-1248-4

R.T.: 6.554 min
Delta R.T.: -0.005 min
Response: 86652
Conc: 2.30 ng/ml



#24 AR-1248-4

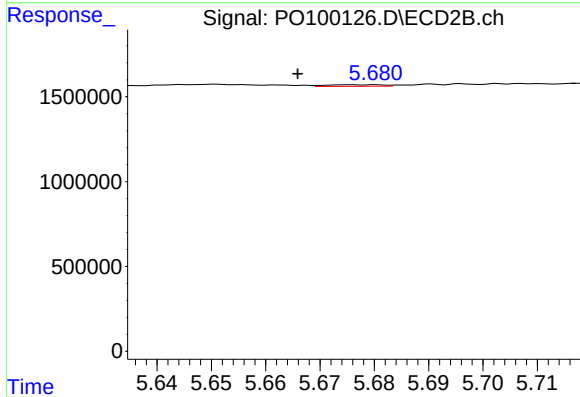
R.T.: 5.266 min
Delta R.T.: -0.002 min
Response: 43669
Conc: 1.33 ng/ml



#25 AR-1248-5

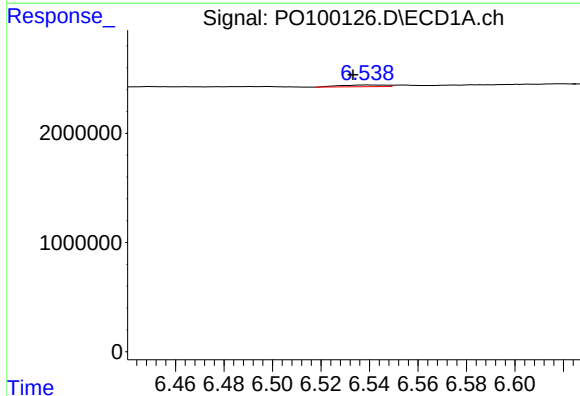
R.T.: 6.620 min
Delta R.T.: 0.021 min
Response: 269865
Conc: 7.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



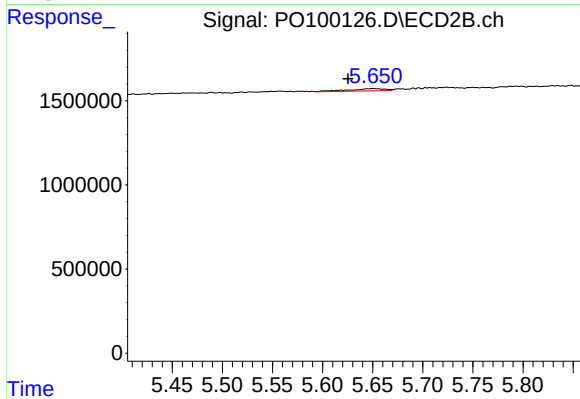
#25 AR-1248-5

R.T.: 5.676 min
Delta R.T.: 0.010 min
Response: 66586
Conc: 2.23 ng/ml



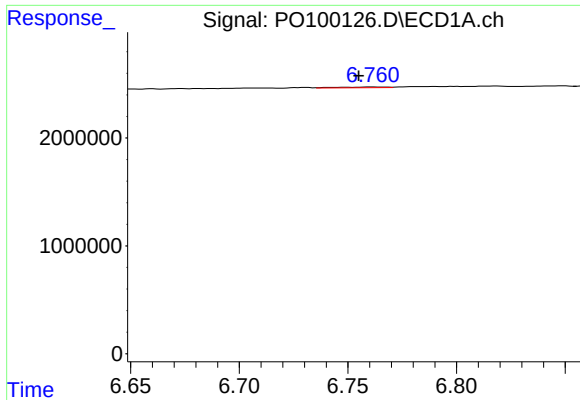
#26 AR-1254-1

R.T.: 6.539 min
Delta R.T.: 0.005 min
Response: 199706
Conc: 4.15 ng/ml



#26 AR-1254-1

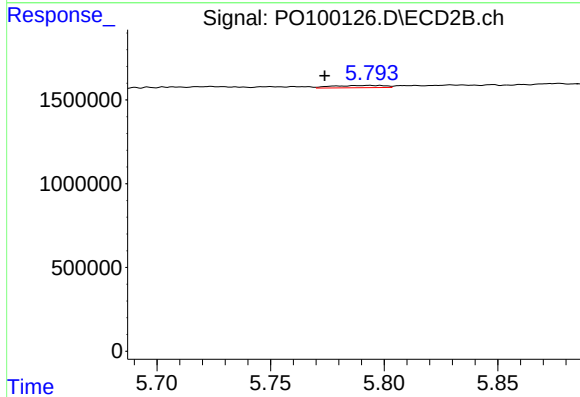
R.T.: 5.651 min
Delta R.T.: 0.025 min
Response: 355041
Conc: 6.85 ng/ml



#27 AR-1254-2

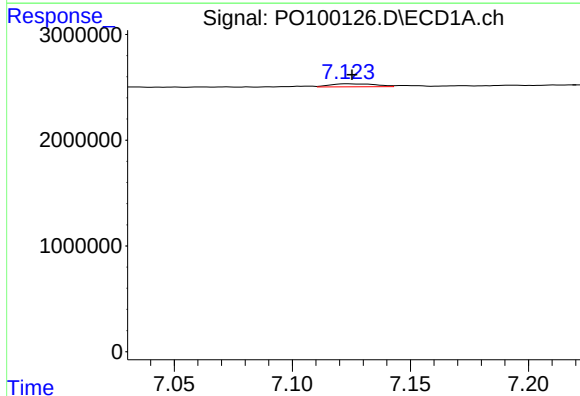
R.T.: 6.761 min
Delta R.T.: 0.006 min
Response: 116880
Conc: 1.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



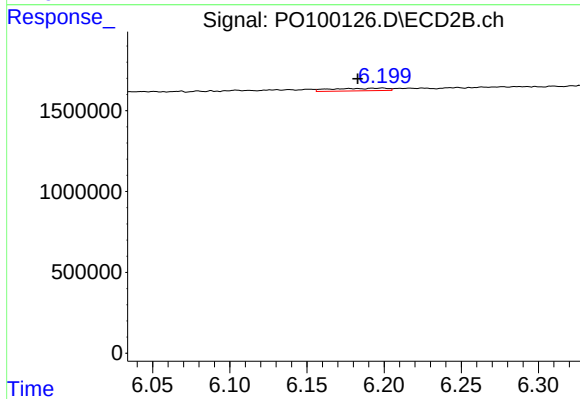
#27 AR-1254-2

R.T.: 5.793 min
Delta R.T.: 0.020 min
Response: 215835
Conc: 4.63 ng/ml



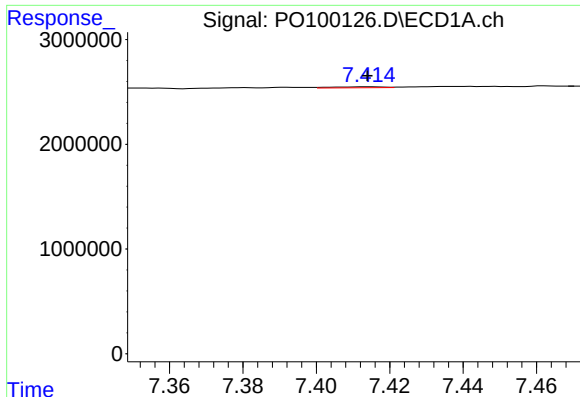
#28 AR-1254-3

R.T.: 7.123 min
Delta R.T.: -0.002 min
Response: 369445
Conc: 5.80 ng/ml



#28 AR-1254-3

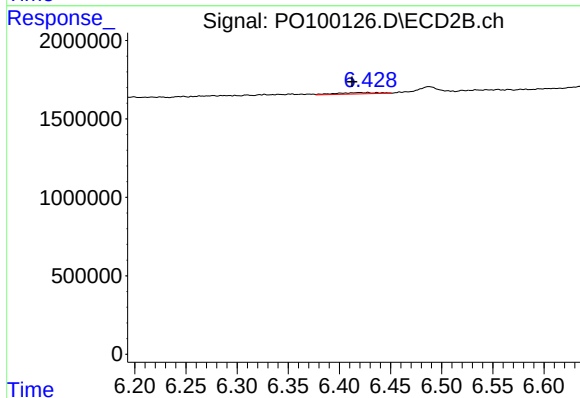
R.T.: 6.199 min
Delta R.T.: 0.016 min
Response: 402595
Conc: 5.16 ng/ml



#29 AR-1254-4

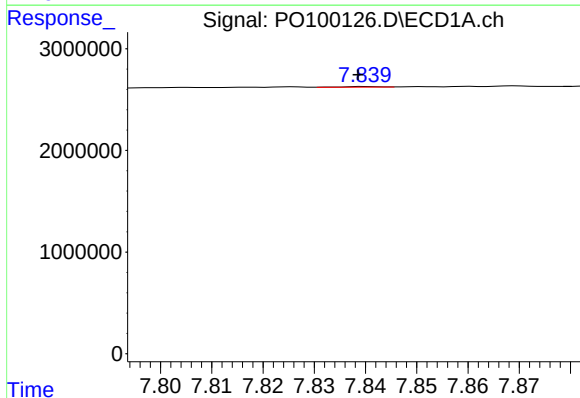
R.T.: 7.414 min
Delta R.T.: 0.000 min
Response: 91139
Conc: 2.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



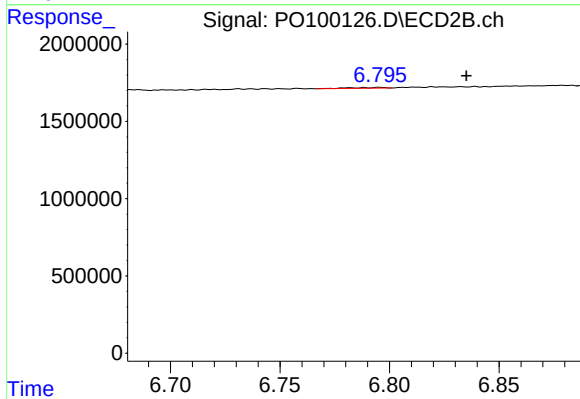
#29 AR-1254-4

R.T.: 6.420 min
Delta R.T.: 0.007 min
Response: 252138
Conc: 5.91 ng/ml



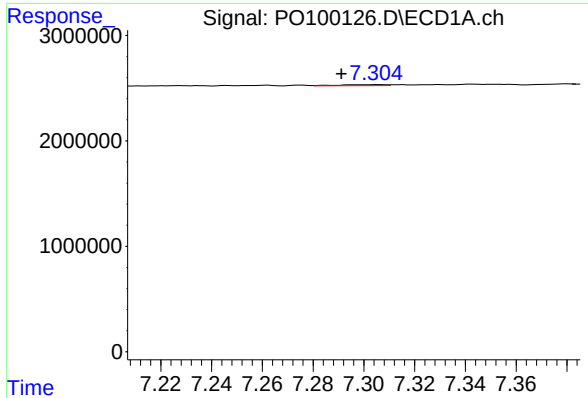
#30 AR-1254-5

R.T.: 7.840 min
Delta R.T.: 0.002 min
Response: 33664
Conc: 0.79 ng/ml



#30 AR-1254-5

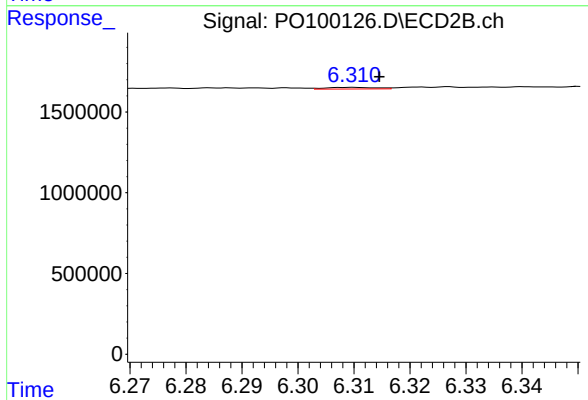
R.T.: 6.795 min
Delta R.T.: -0.040 min
Response: 56583
Conc: 0.78 ng/ml



#31 AR-1260-1

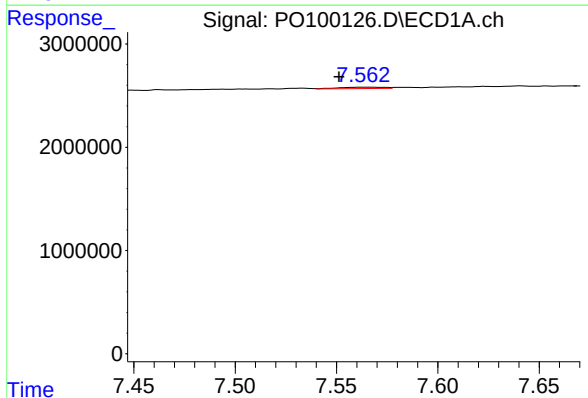
R.T.: 7.305 min
Delta R.T.: 0.014 min
Response: 131872
Conc: 2.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



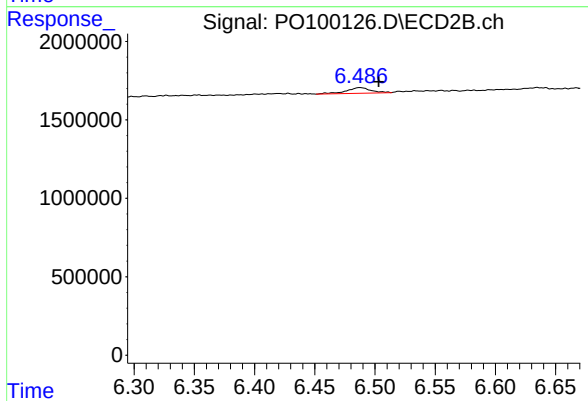
#31 AR-1260-1

R.T.: 6.310 min
Delta R.T.: -0.005 min
Response: 64818
Conc: 1.12 ng/ml



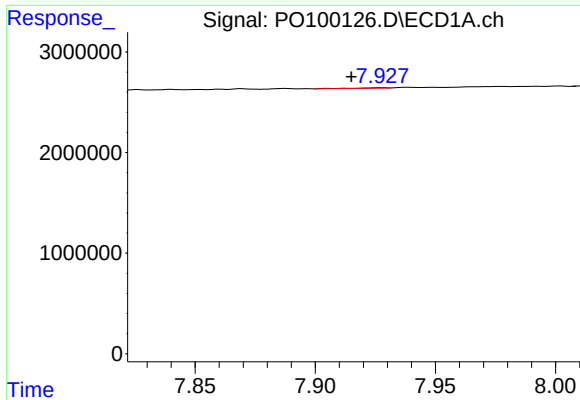
#32 AR-1260-2

R.T.: 7.564 min
Delta R.T.: 0.013 min
Response: 215478
Conc: 4.07 ng/ml



#32 AR-1260-2

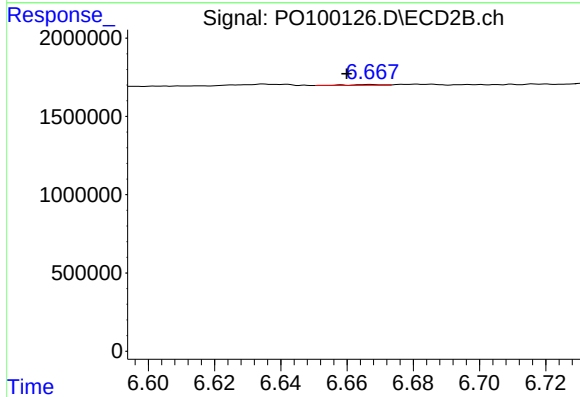
R.T.: 6.488 min
Delta R.T.: -0.016 min
Response: 506162
Conc: 7.62 ng/ml



#33 AR-1260-3

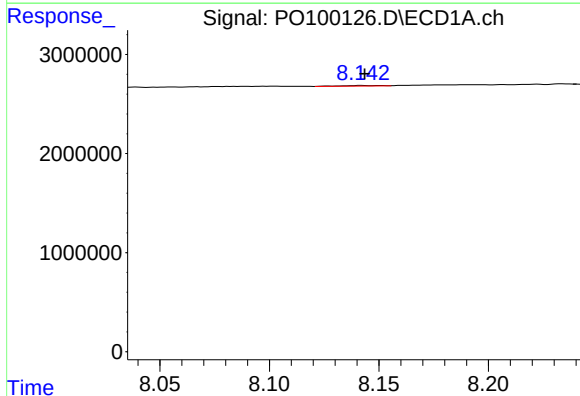
R.T.: 7.928 min
Delta R.T.: 0.012 min
Response: 40591
Conc: 1.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



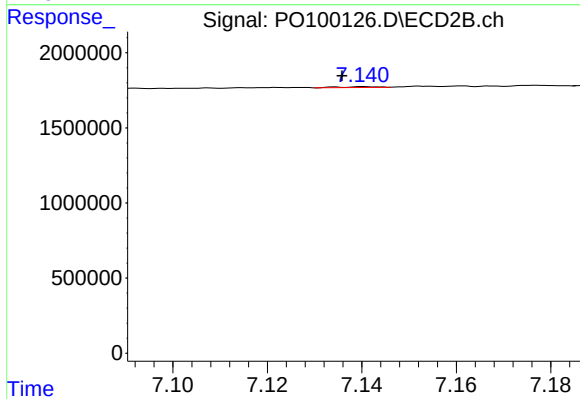
#33 AR-1260-3

R.T.: 6.667 min
Delta R.T.: 0.007 min
Response: 37358
Conc: 0.58 ng/ml



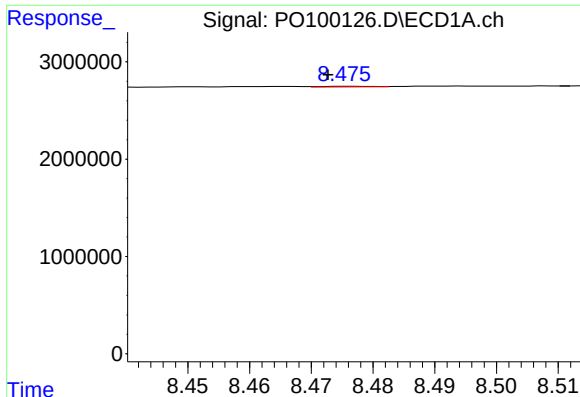
#34 AR-1260-4

R.T.: 8.142 min
Delta R.T.: -0.001 min
Response: 82040
Conc: 1.98 ng/ml



#34 AR-1260-4

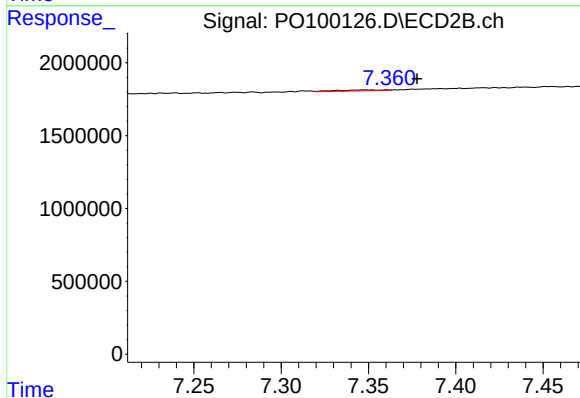
R.T.: 7.141 min
Delta R.T.: 0.005 min
Response: 33739
Conc: 0.67 ng/ml



#35 AR-1260-5

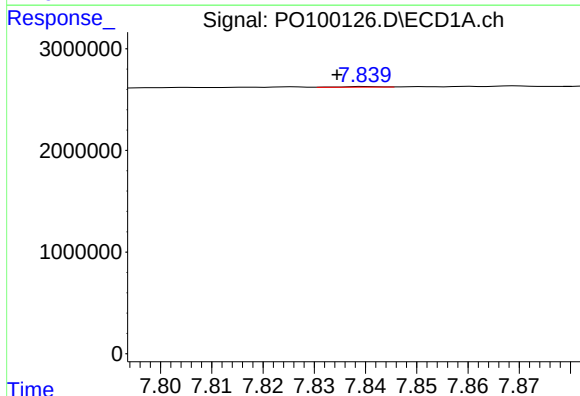
R.T.: 8.476 min
Delta R.T.: 0.003 min
Response: 38959
Conc: 0.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



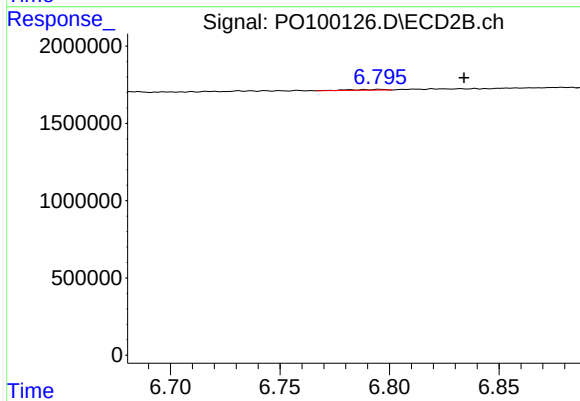
#35 AR-1260-5

R.T.: 7.348 min
Delta R.T.: -0.029 min
Response: 122830
Conc: 1.10 ng/ml



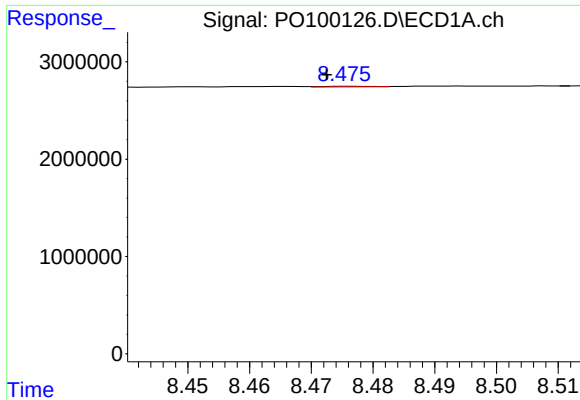
#36 AR-1262-1

R.T.: 7.840 min
Delta R.T.: 0.006 min
Response: 33664
Conc: 0.93 ng/ml



#36 AR-1262-1

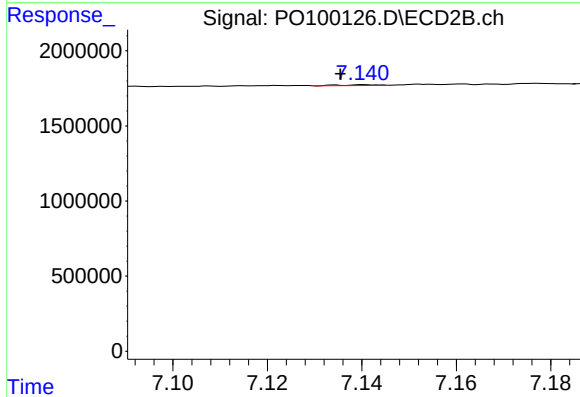
R.T.: 6.795 min
Delta R.T.: -0.039 min
Response: 56583
Conc: 1.48 ng/ml



#37 AR-1262-2

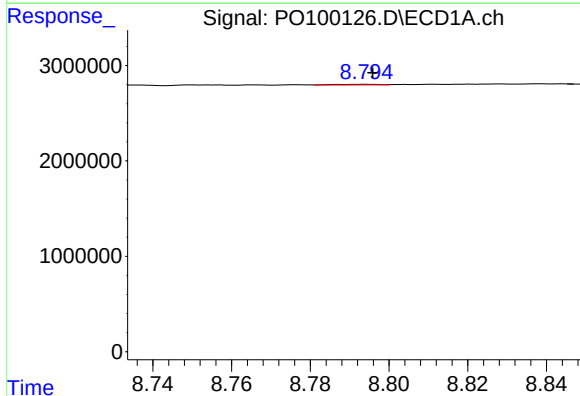
R.T.: 8.476 min
Delta R.T.: 0.004 min
Response: 38959
Conc: 0.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



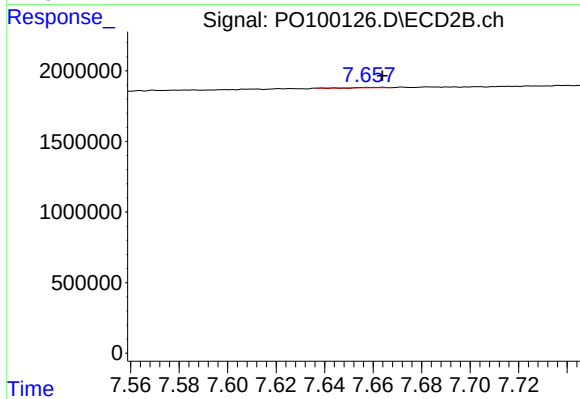
#37 AR-1262-2

R.T.: 7.141 min
Delta R.T.: 0.005 min
Response: 33739
Conc: 0.45 ng/ml



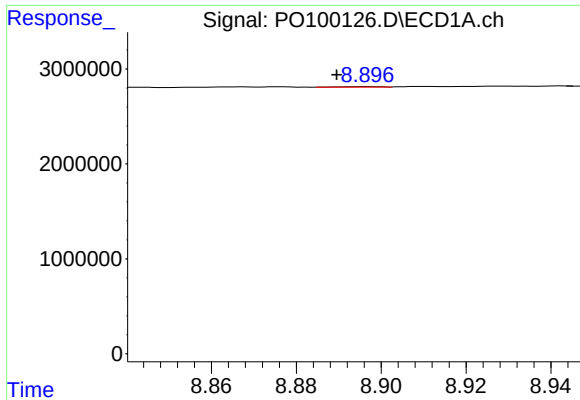
#38 AR-1262-3

R.T.: 8.794 min
Delta R.T.: -0.001 min
Response: 54257
Conc: 0.90 ng/ml



#38 AR-1262-3

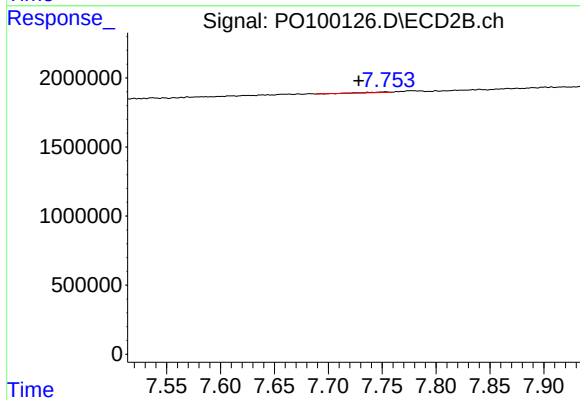
R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 11176
Conc: 0.19 ng/ml



#39 AR-1262-4

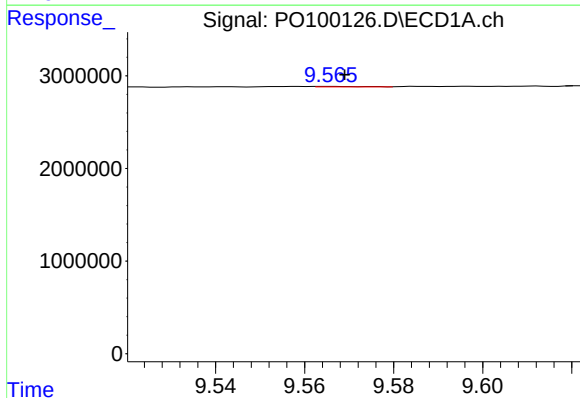
R.T.: 8.897 min
Delta R.T.: 0.007 min
Response: 33671
Conc: 0.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



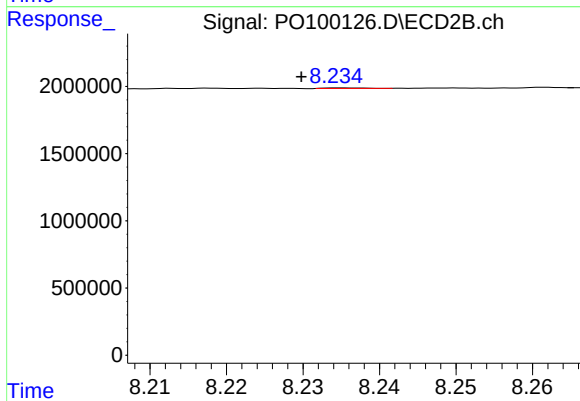
#39 AR-1262-4

R.T.: 7.753 min
Delta R.T.: 0.025 min
Response: 77685
Conc: 0.76 ng/ml



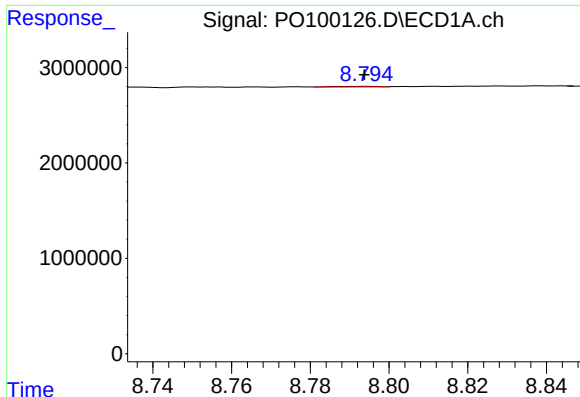
#40 AR-1262-5

R.T.: 9.566 min
Delta R.T.: -0.003 min
Response: 33954
Conc: 1.30 ng/ml



#40 AR-1262-5

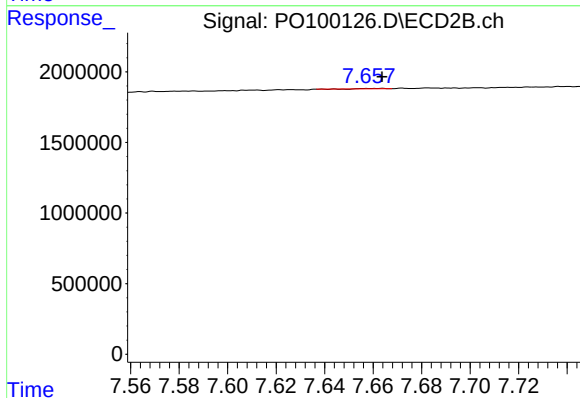
R.T.: 8.235 min
Delta R.T.: 0.006 min
Response: 13354
Conc: 0.31 ng/ml



#41 AR-1268-1

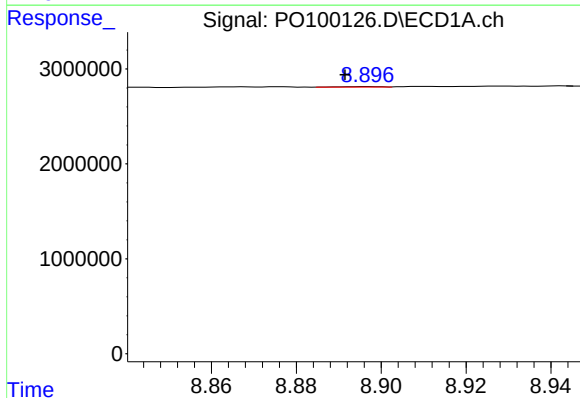
R.T.: 8.794 min
Delta R.T.: 0.000 min
Response: 54257
Conc: 0.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



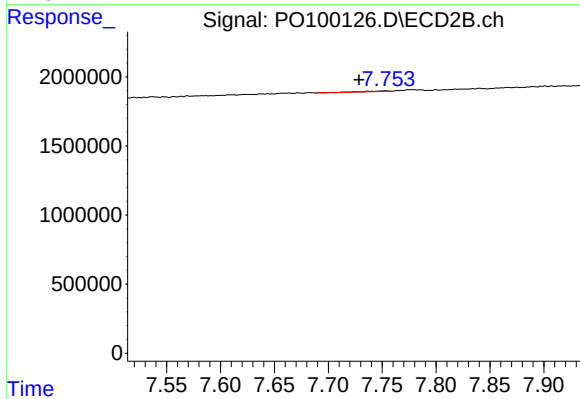
#41 AR-1268-1

R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 11176
Conc: 0.07 ng/ml



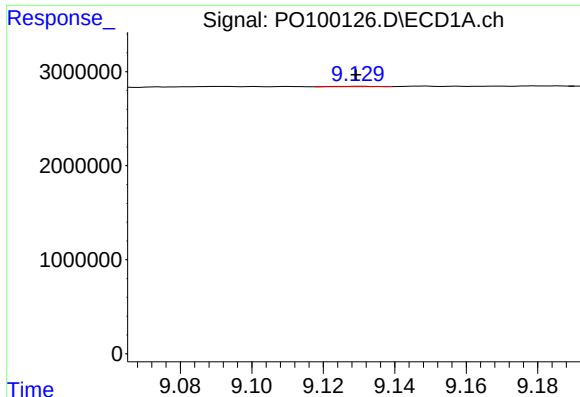
#42 AR-1268-2

R.T.: 8.897 min
Delta R.T.: 0.005 min
Response: 33671
Conc: 0.35 ng/ml



#42 AR-1268-2

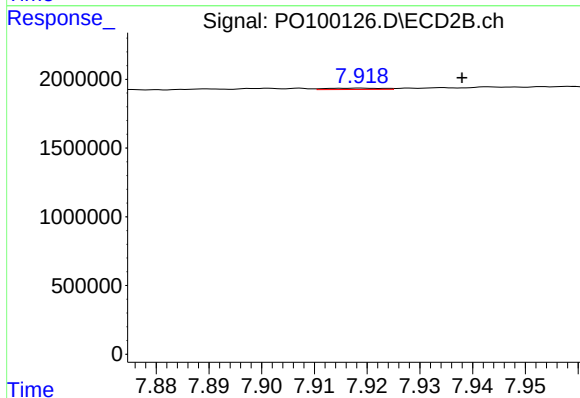
R.T.: 7.753 min
Delta R.T.: 0.025 min
Response: 77685
Conc: 0.51 ng/ml



#43 AR-1268-3

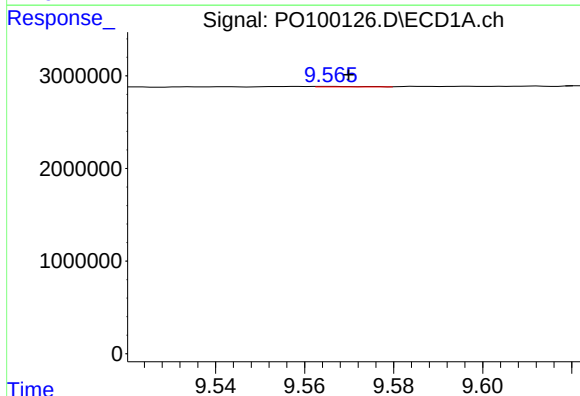
R.T.: 9.130 min
Delta R.T.: 0.000 min
Response: 28062
Conc: 0.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



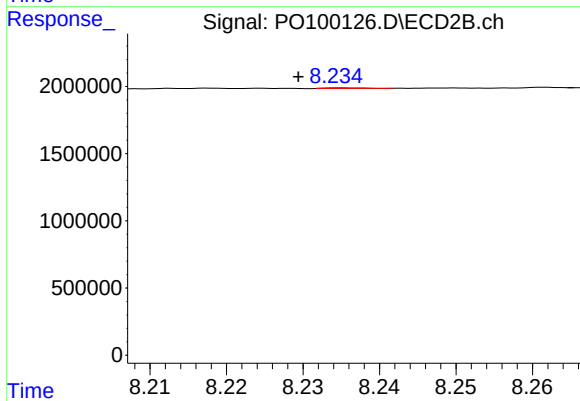
#43 AR-1268-3

R.T.: 7.919 min
Delta R.T.: -0.019 min
Response: 72541
Conc: 0.51 ng/ml



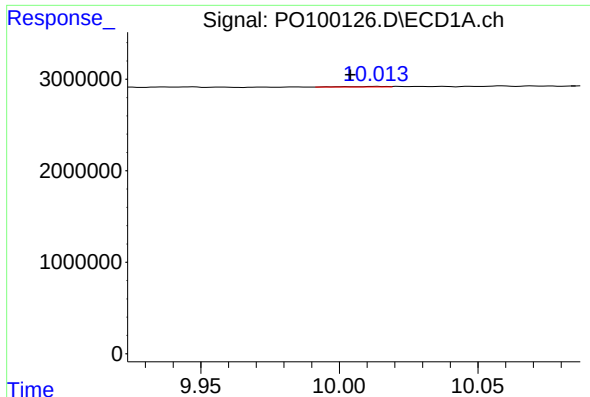
#44 AR-1268-4

R.T.: 9.566 min
Delta R.T.: -0.004 min
Response: 33954
Conc: 1.19 ng/ml



#44 AR-1268-4

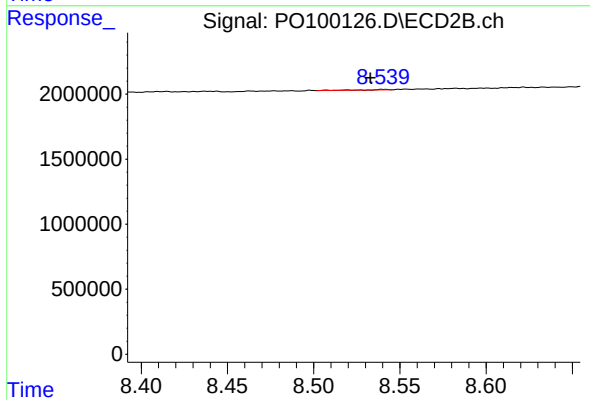
R.T.: 8.235 min
Delta R.T.: 0.006 min
Response: 13354
Conc: 0.28 ng/ml



#45 AR-1268-5

R.T.: 10.014 min
Delta R.T.: 0.010 min
Response: 70087
Conc: 0.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.541 min
Delta R.T.: 0.008 min
Response: 31038
Conc: 0.08 ng/ml