

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP040723\
 Data File : PP056789.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2023 10:23
 Operator : YP\AJ
 Sample : 02213-09
 Misc : AR1232 MDL 25 PPB
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 13:38:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP040623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 07 04:14:17 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...	4.432	3.660	40749617	32794961	18.966	18.856
2)	SA Decachlor...	10.264	8.741	27788317	32714467	21.230	20.807
Target Compounds							
3)	L1 AR-1016-1	5.606	4.760	719163	567320	11.713	10.652
4)	L1 AR-1016-2	5.630	4.780	1084738	835153	12.164	11.263
5)	L1 AR-1016-3	5.692	4.958	751167	403011	13.249	10.014
6)	L1 AR-1016-4	5.791	4.999	488388	371276	10.906	10.246
7)	L1 AR-1016-5	6.089	5.217	517026	536401	11.027	11.422
8)	L2 AR-1221-1	4.641	3.876	615450	341311	23.333	15.585 #
9)	L2 AR-1221-2	4.739	3.964	793620	695787	40.853	42.349
10)	L2 AR-1221-3	4.804	4.041	1200301	991635	21.068	20.223
11)	L3 AR-1232-1	4.804	4.041	1200301	991635	24.921	24.104
12)	L3 AR-1232-2	5.339	4.780	596085	835153	23.863	24.368
13)	L3 AR-1232-3	5.630	4.958	1084738	403011	26.905	21.902
14)	L3 AR-1232-4	5.791	5.041	488388	508369	24.239	26.529
15)	L3 AR-1232-5	5.883	5.217	385973	536401	21.959	25.235
16)	L4 AR-1242-1	5.606	4.760	719163	567320	14.301	13.190
17)	L4 AR-1242-2	5.630	4.780	1084738	835153	14.896	14.036
18)	L4 AR-1242-3	5.692	4.958	751167	403011	16.394	12.491
19)	L4 AR-1242-4	5.791	5.041	488388	508369	13.535	13.953
20)	L4 AR-1242-5	6.531	5.570	466710	504938	14.060	12.664
21)	L5 AR-1248-1	5.606	4.760	719163	567320	19.168	17.235
22)	L5 AR-1248-2	5.883	4.999	385973	371276	6.554	7.203
23)	L5 AR-1248-3	6.089	5.041	517026	508369	8.115	9.470
24)	L5 AR-1248-4	6.495	5.217	460240	536401	7.925	8.669
25)	L5 AR-1248-5	6.531	5.613	466710	448419	8.262	8.734
26)	L6 AR-1254-1	6.467	5.570	440743	504938	6.216	5.481
27)	L6 AR-1254-2	6.692	5.720	457808	245522	4.514	3.055 #
28)	L6 AR-1254-3	7.058	6.131	278829	224735	2.877	1.818 #
29)	L6 AR-1254-4	7.348	6.363	214707	135696	3.518	2.135 #
30)	L6 AR-1254-5	7.766	6.783	118087	292538	1.733	2.782 #
31)	L7 AR-1260-1	7.225	6.280	118194	74407	1.452	0.778 #
32)	L7 AR-1260-2	7.484	6.454	117176	119989	1.373	1.162
33)	L7 AR-1260-3	7.828f	6.612	45384	160170	0.650	1.544 #
34)	L7 AR-1260-4	8.067	7.087	76818	117422	1.007	1.375 #
35)	L7 AR-1260-5	8.407	7.322	62209	7618	0.491	0.048 #
36)	L8 AR-1262-1	7.828f	6.889	45384	70704	0.515	1.511 #
37)	L8 AR-1262-2	8.396	7.087	80456	117422	0.621	1.201 #
39)	L8 AR-1262-4	8.812	0.000	72464	0	1.596	N.D. #
40)	L8 AR-1262-5	9.487	8.168	50589	31317	1.259	0.643 #
42)	L9 AR-1268-2	8.812	0.000	72464	0	0.437	N.D. #
43)	L9 AR-1268-3	9.048	7.881	93590	59448	0.588	0.300 #

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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
44) L9	AR-1268-4	9.487	8.168	50589	31317	1.090	0.541 #
45) L9	AR-1268-5	9.895f	8.474	35027	194764	0.082	0.384 #

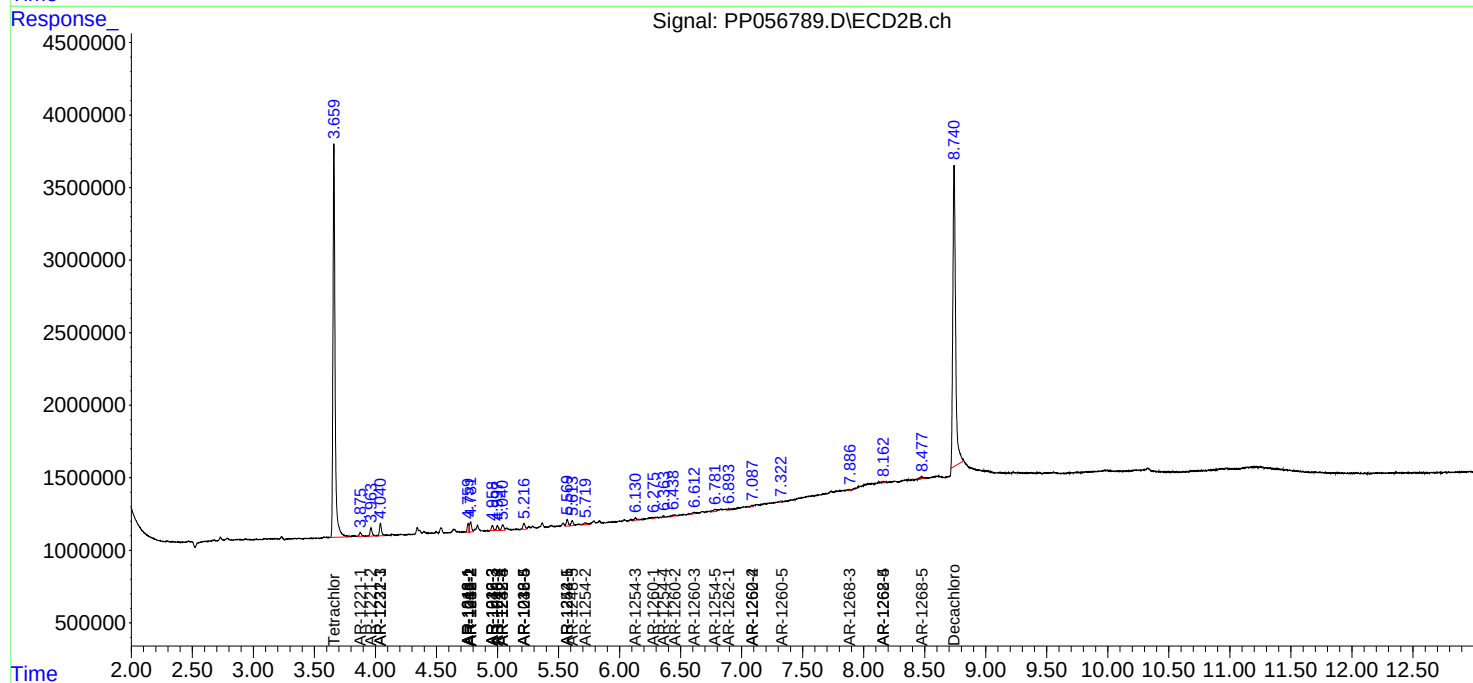
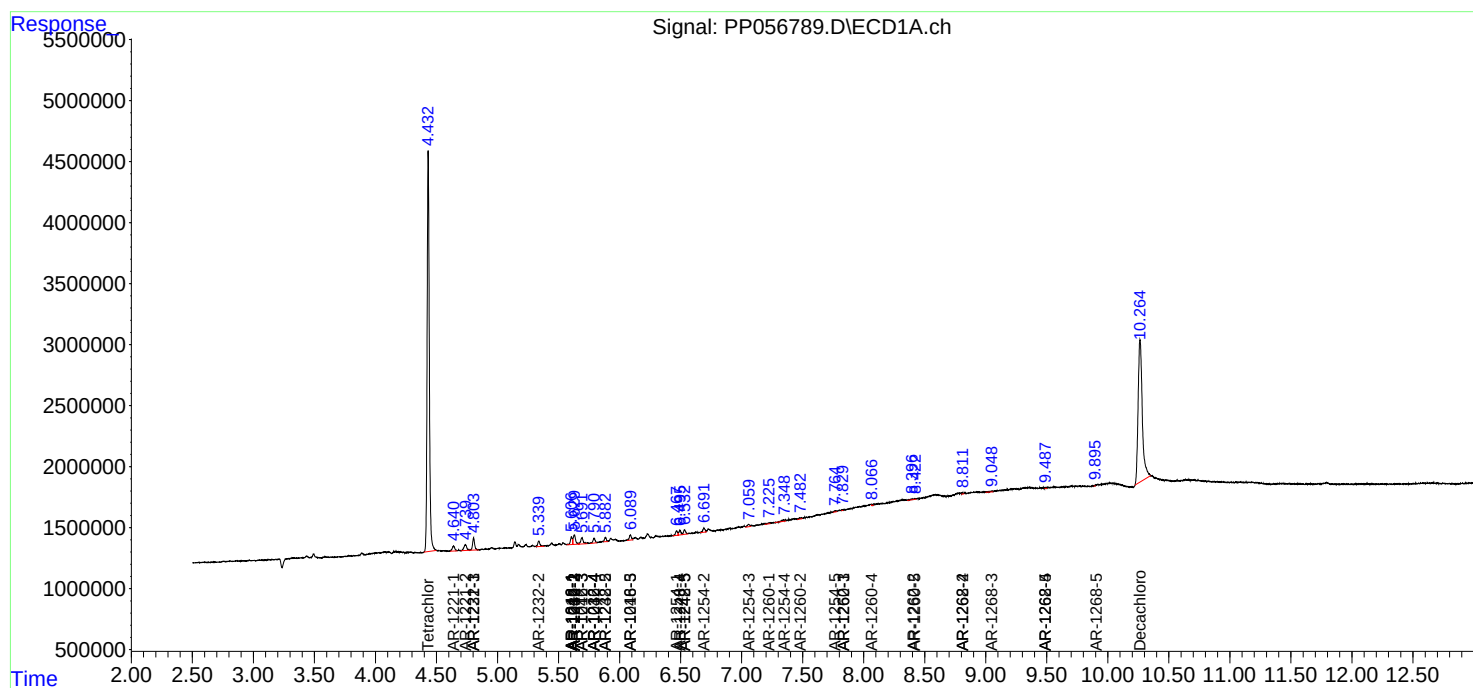
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

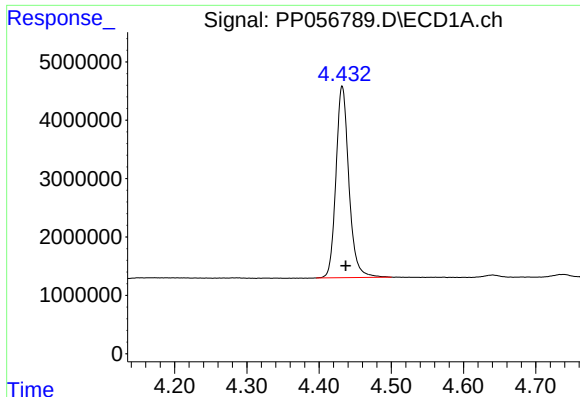
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP040723\
Data File : PP056789.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Apr 2023 10:23
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Sample : 02213-09
Misc : AR1232 MDL 25 PPB
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Volume 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

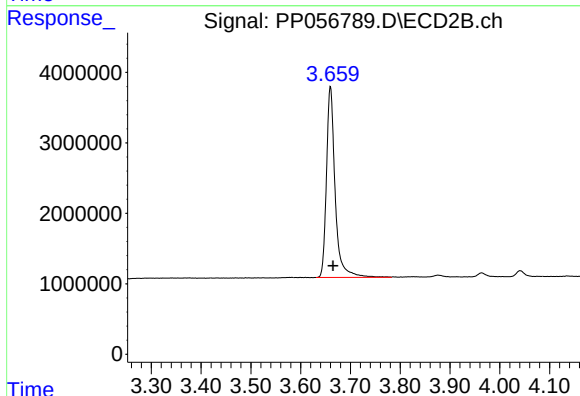




#1 Tetrachloro-m-xylene

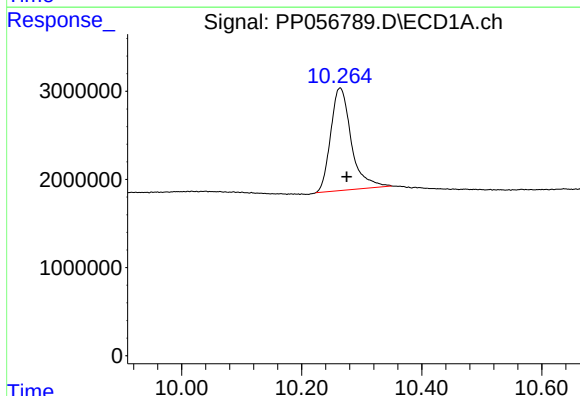
R.T.: 4.432 min
Delta R.T.: -0.005 min
Response: 40749617
Conc: 18.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



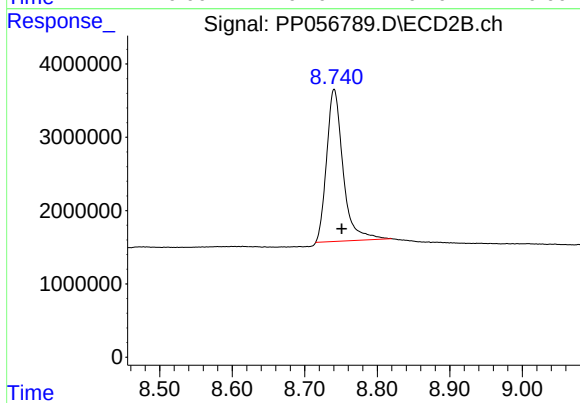
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: -0.005 min
Response: 32794961
Conc: 18.86 ng/ml



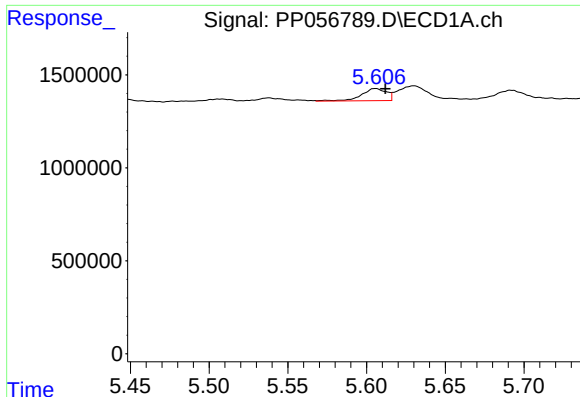
#2 Decachlorobiphenyl

R.T.: 10.264 min
Delta R.T.: -0.011 min
Response: 27788317
Conc: 21.23 ng/ml



#2 Decachlorobiphenyl

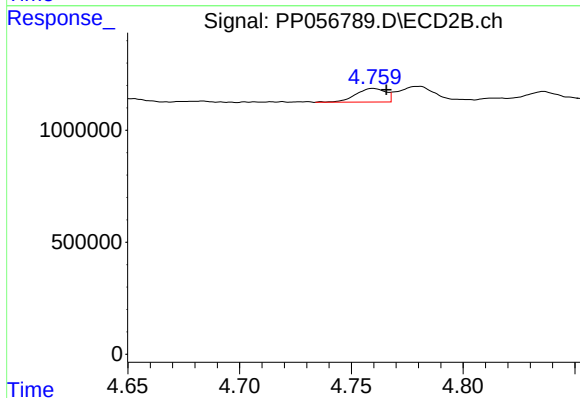
R.T.: 8.741 min
Delta R.T.: -0.011 min
Response: 32714467
Conc: 20.81 ng/ml



#3 AR-1016-1

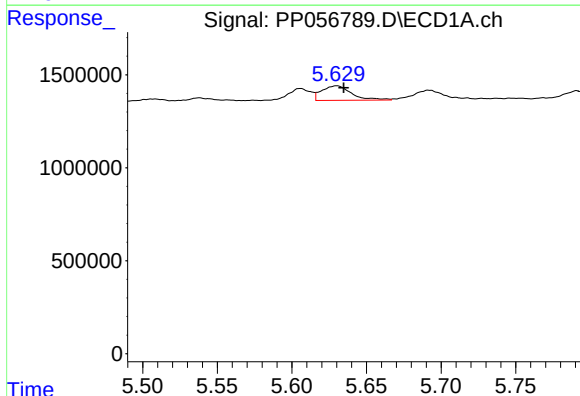
R.T.: 5.606 min
Delta R.T.: -0.006 min
Response: 719163
Conc: 11.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



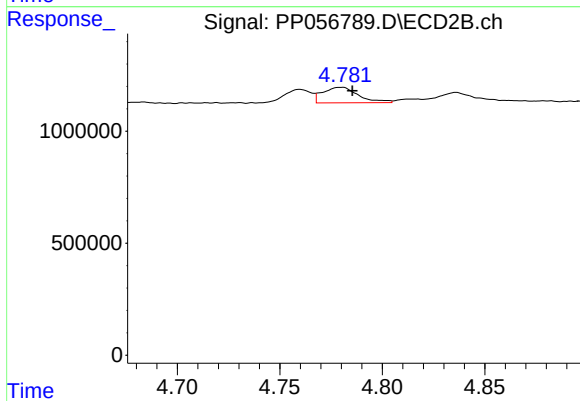
#3 AR-1016-1

R.T.: 4.760 min
Delta R.T.: -0.006 min
Response: 567320
Conc: 10.65 ng/ml



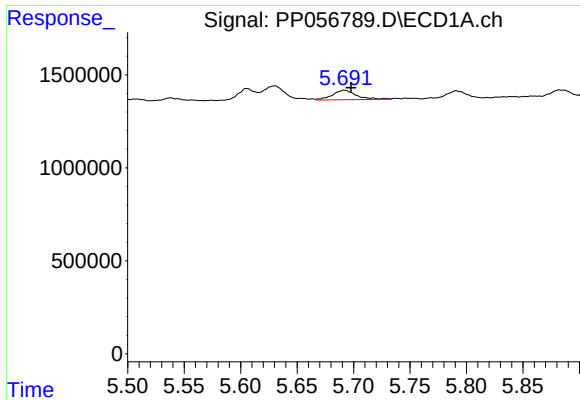
#4 AR-1016-2

R.T.: 5.630 min
Delta R.T.: -0.005 min
Response: 1084738
Conc: 12.16 ng/ml



#4 AR-1016-2

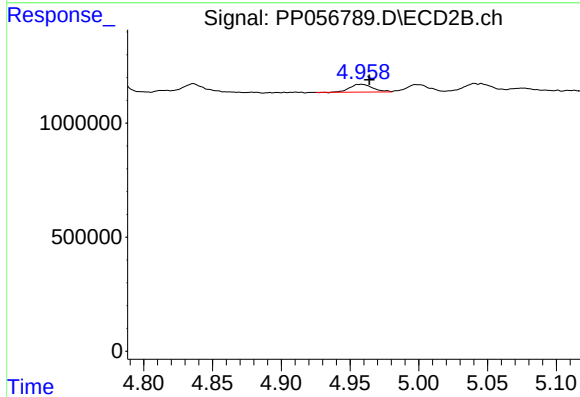
R.T.: 4.780 min
Delta R.T.: -0.006 min
Response: 835153
Conc: 11.26 ng/ml



#5 AR-1016-3

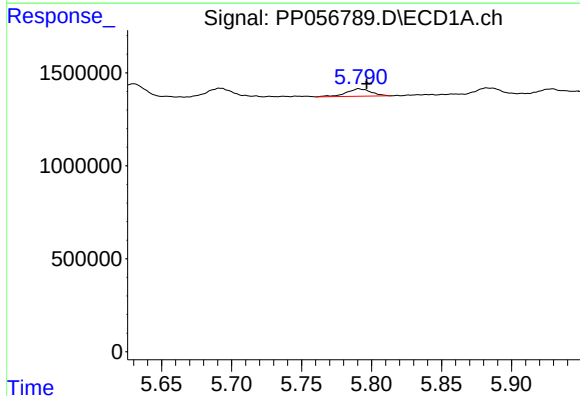
R.T.: 5.692 min
Delta R.T.: -0.006 min
Response: 751167
Conc: 13.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



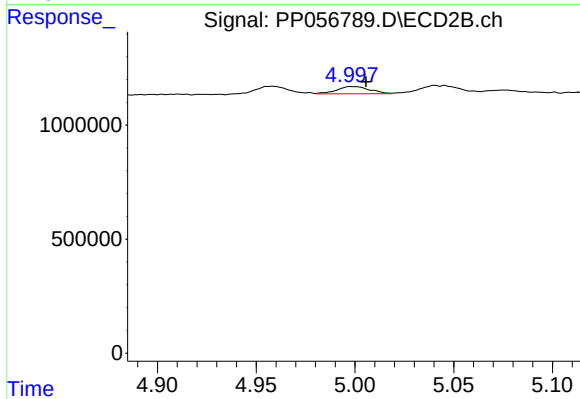
#5 AR-1016-3

R.T.: 4.958 min
Delta R.T.: -0.006 min
Response: 403011
Conc: 10.01 ng/ml



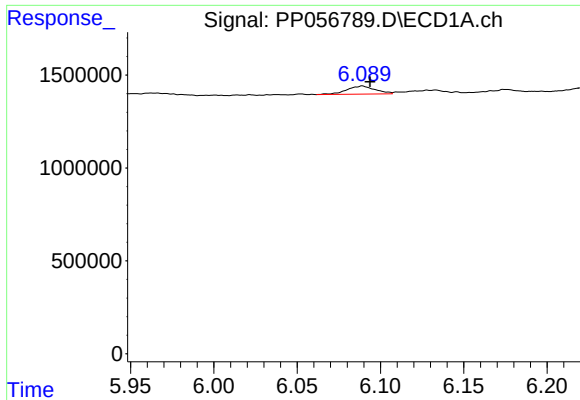
#6 AR-1016-4

R.T.: 5.791 min
Delta R.T.: -0.006 min
Response: 488388
Conc: 10.91 ng/ml



#6 AR-1016-4

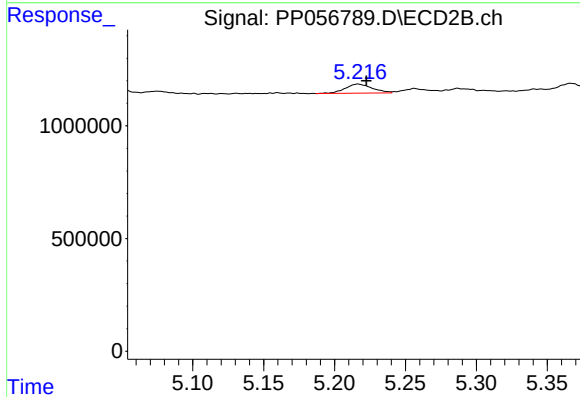
R.T.: 4.999 min
Delta R.T.: -0.007 min
Response: 371276
Conc: 10.25 ng/ml



#7 AR-1016-5

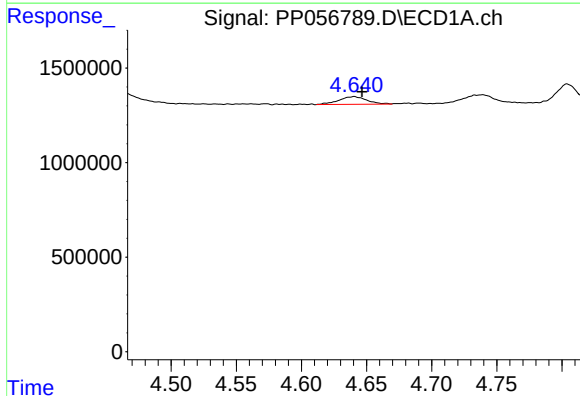
R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 517026
Conc: 11.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



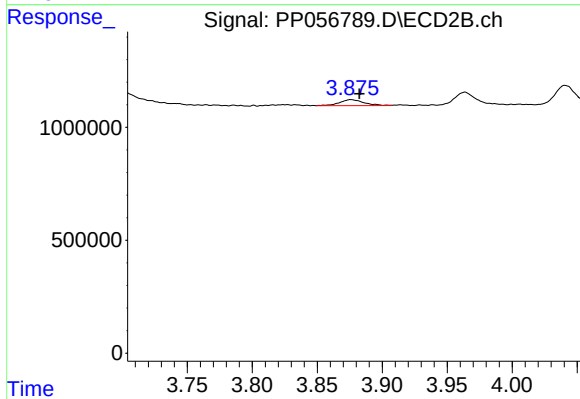
#7 AR-1016-5

R.T.: 5.217 min
Delta R.T.: -0.006 min
Response: 536401
Conc: 11.42 ng/ml



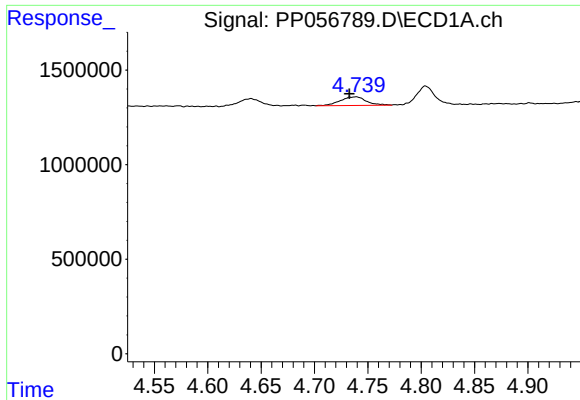
#8 AR-1221-1

R.T.: 4.641 min
Delta R.T.: -0.006 min
Response: 615450
Conc: 23.33 ng/ml



#8 AR-1221-1

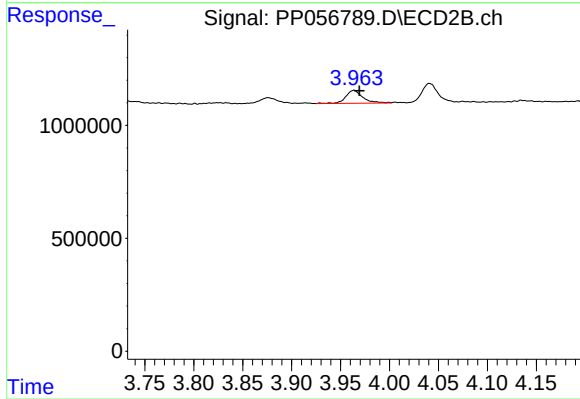
R.T.: 3.876 min
Delta R.T.: -0.006 min
Response: 341311
Conc: 15.58 ng/ml



#9 AR-1221-2

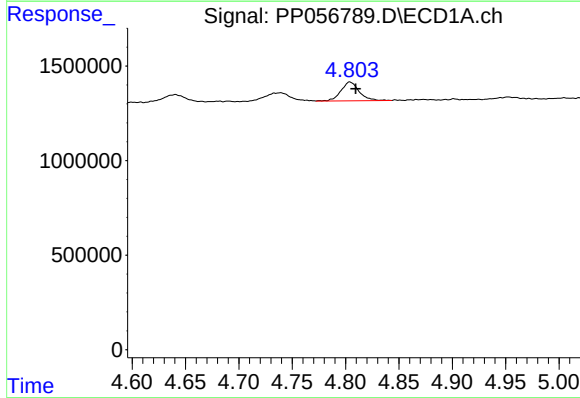
R.T.: 4.739 min
Delta R.T.: 0.006 min
Response: 793620
Conc: 40.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



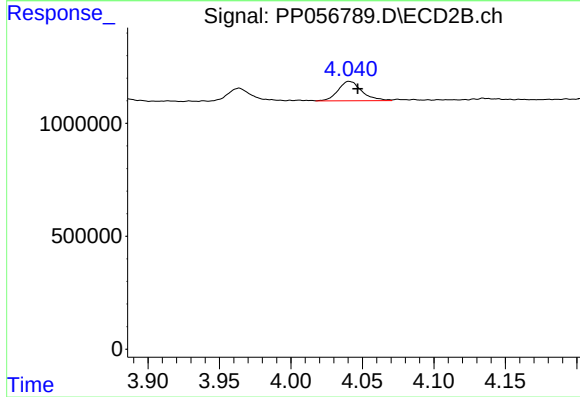
#9 AR-1221-2

R.T.: 3.964 min
Delta R.T.: -0.005 min
Response: 695787
Conc: 42.35 ng/ml



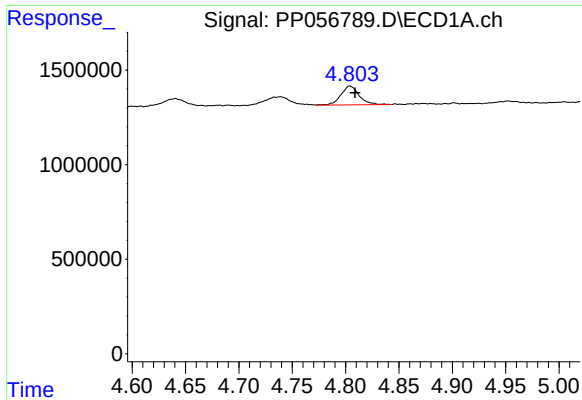
#10 AR-1221-3

R.T.: 4.804 min
Delta R.T.: -0.005 min
Response: 1200301
Conc: 21.07 ng/ml



#10 AR-1221-3

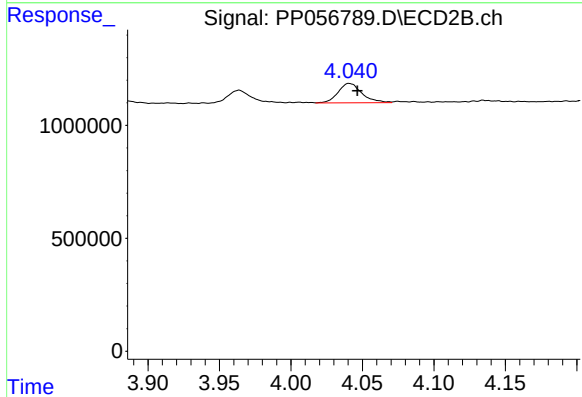
R.T.: 4.041 min
Delta R.T.: -0.006 min
Response: 991635
Conc: 20.22 ng/ml



#11 AR-1232-1

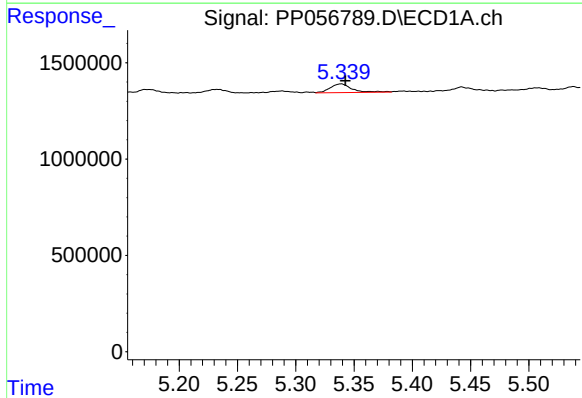
R.T.: 4.804 min
Delta R.T.: -0.005 min
Response: 1200301
Conc: 24.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



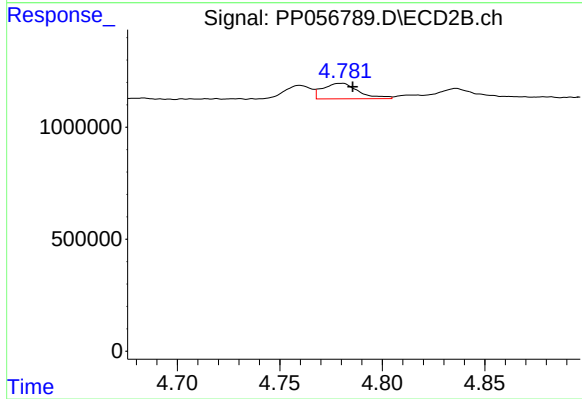
#11 AR-1232-1

R.T.: 4.041 min
Delta R.T.: -0.006 min
Response: 991635
Conc: 24.10 ng/ml



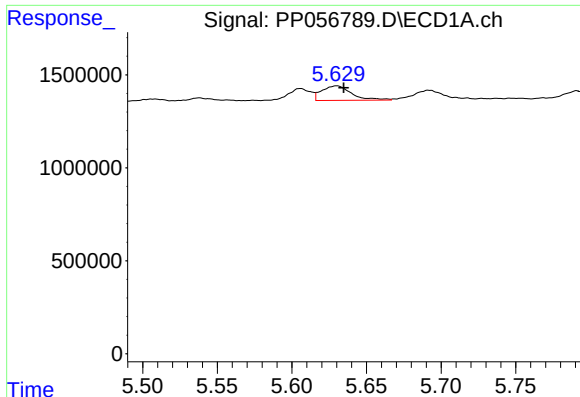
#12 AR-1232-2

R.T.: 5.339 min
Delta R.T.: -0.004 min
Response: 596085
Conc: 23.86 ng/ml



#12 AR-1232-2

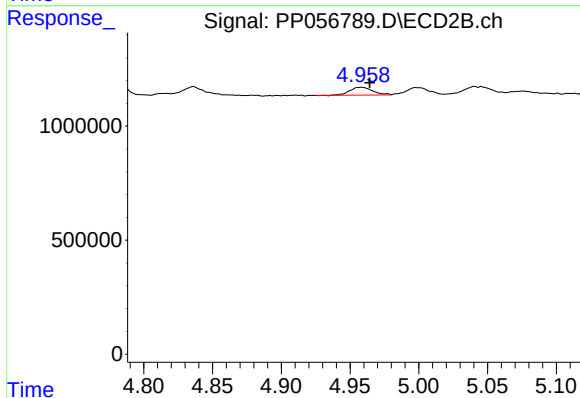
R.T.: 4.780 min
Delta R.T.: -0.006 min
Response: 835153
Conc: 24.37 ng/ml



#13 AR-1232-3

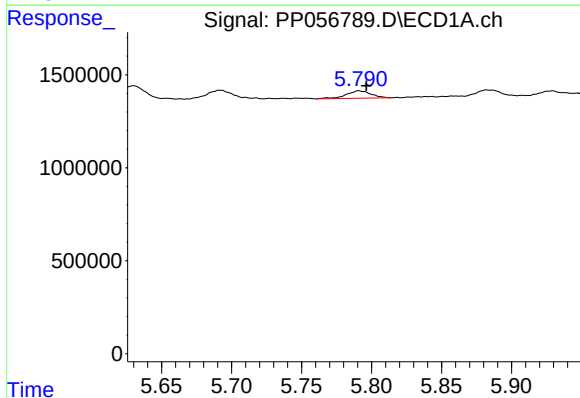
R.T.: 5.630 min
Delta R.T.: -0.005 min
Response: 1084738
Conc: 26.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



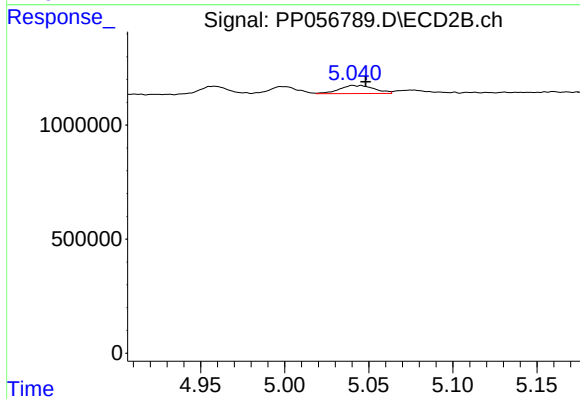
#13 AR-1232-3

R.T.: 4.958 min
Delta R.T.: -0.006 min
Response: 403011
Conc: 21.90 ng/ml



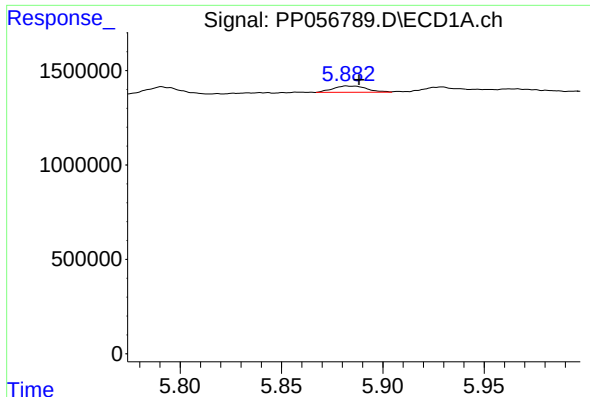
#14 AR-1232-4

R.T.: 5.791 min
Delta R.T.: -0.005 min
Response: 488388
Conc: 24.24 ng/ml



#14 AR-1232-4

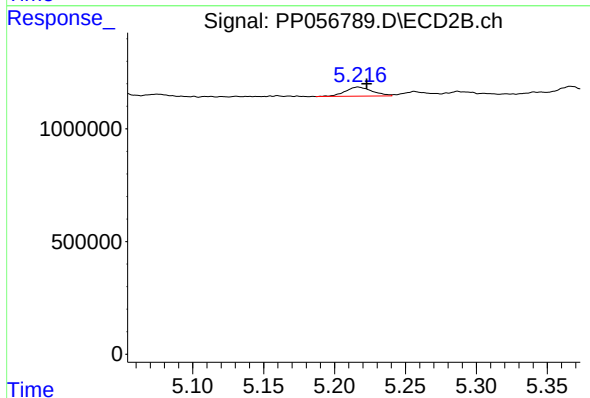
R.T.: 5.041 min
Delta R.T.: -0.007 min
Response: 508369
Conc: 26.53 ng/ml



#15 AR-1232-5

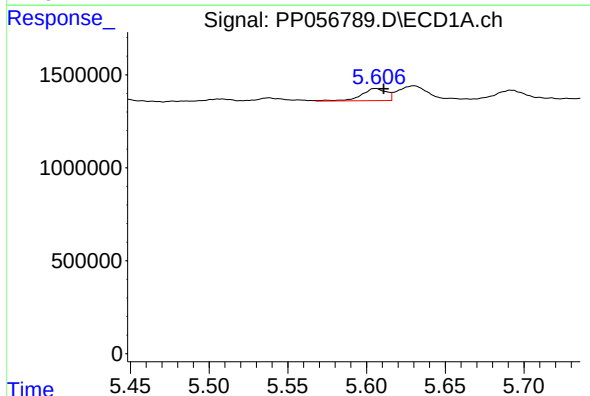
R.T.: 5.883 min
Delta R.T.: -0.005 min
Response: 385973
Conc: 21.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



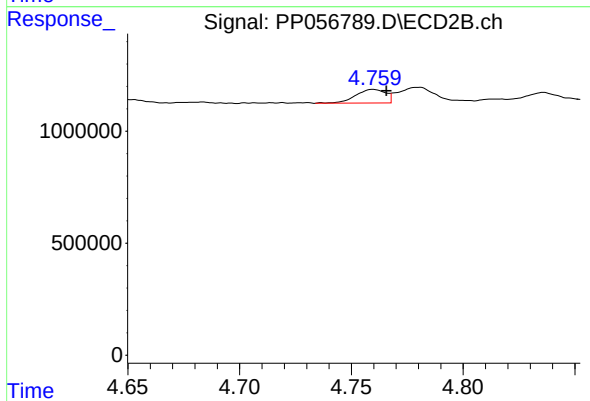
#15 AR-1232-5

R.T.: 5.217 min
Delta R.T.: -0.006 min
Response: 536401
Conc: 25.23 ng/ml



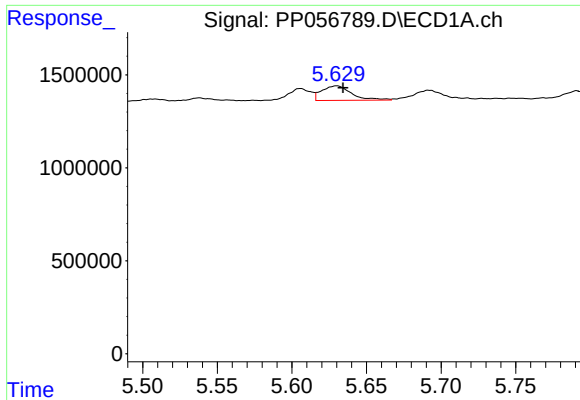
#16 AR-1242-1

R.T.: 5.606 min
Delta R.T.: -0.005 min
Response: 719163
Conc: 14.30 ng/ml



#16 AR-1242-1

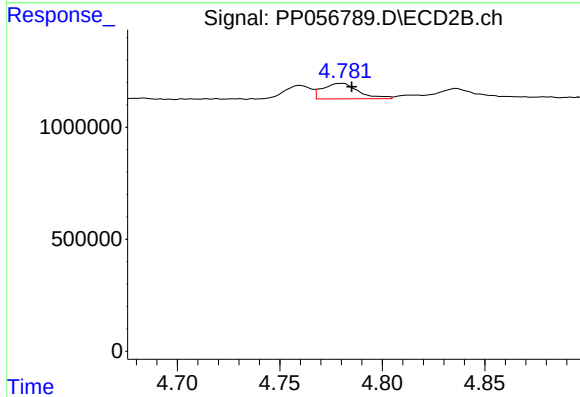
R.T.: 4.760 min
Delta R.T.: -0.006 min
Response: 567320
Conc: 13.19 ng/ml



#17 AR-1242-2

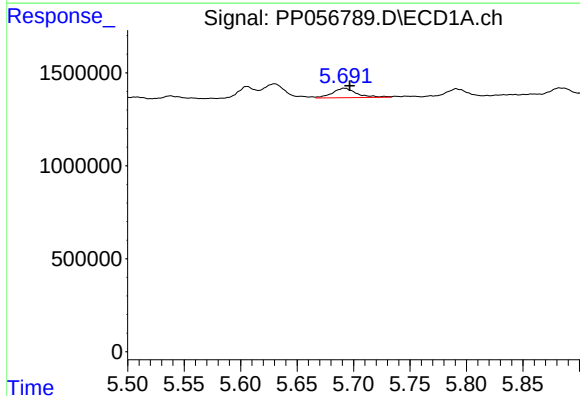
R.T.: 5.630 min
Delta R.T.: -0.004 min
Response: 1084738
Conc: 14.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



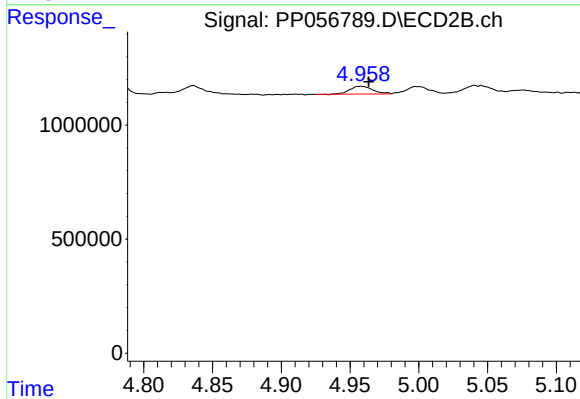
#17 AR-1242-2

R.T.: 4.780 min
Delta R.T.: -0.005 min
Response: 835153
Conc: 14.04 ng/ml



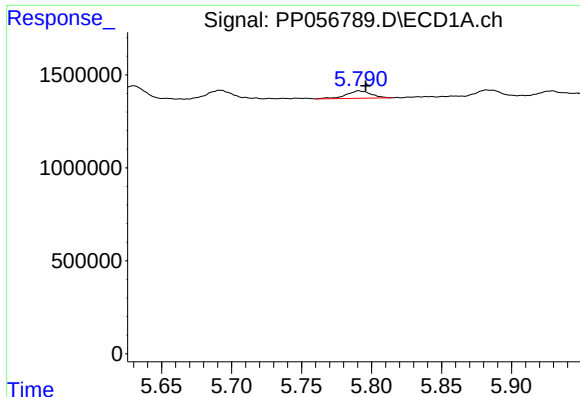
#18 AR-1242-3

R.T.: 5.692 min
Delta R.T.: -0.005 min
Response: 751167
Conc: 16.39 ng/ml



#18 AR-1242-3

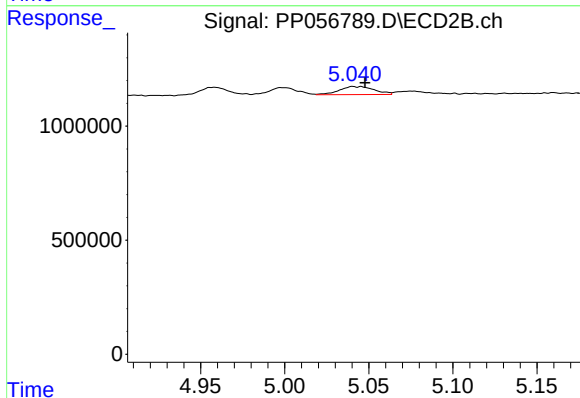
R.T.: 4.958 min
Delta R.T.: -0.006 min
Response: 403011
Conc: 12.49 ng/ml



#19 AR-1242-4

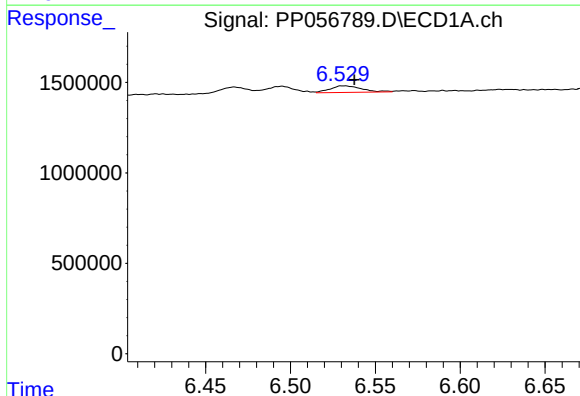
R.T.: 5.791 min
Delta R.T.: -0.005 min
Response: 488388
Conc: 13.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



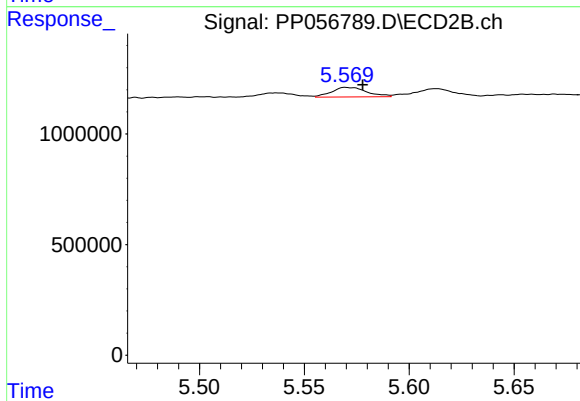
#19 AR-1242-4

R.T.: 5.041 min
Delta R.T.: -0.007 min
Response: 508369
Conc: 13.95 ng/ml



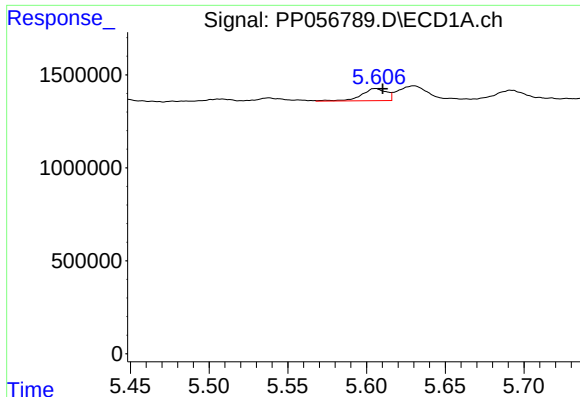
#20 AR-1242-5

R.T.: 6.531 min
Delta R.T.: -0.006 min
Response: 466710
Conc: 14.06 ng/ml



#20 AR-1242-5

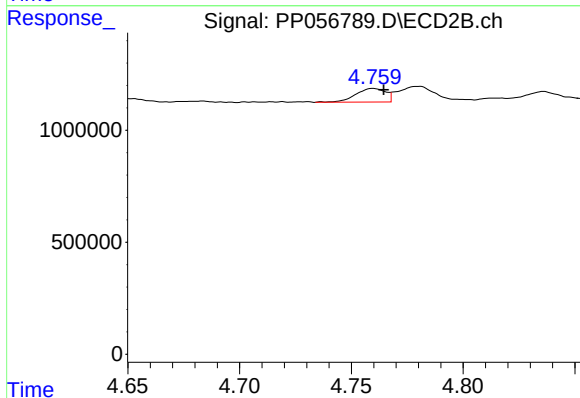
R.T.: 5.570 min
Delta R.T.: -0.008 min
Response: 504938
Conc: 12.66 ng/ml



#21 AR-1248-1

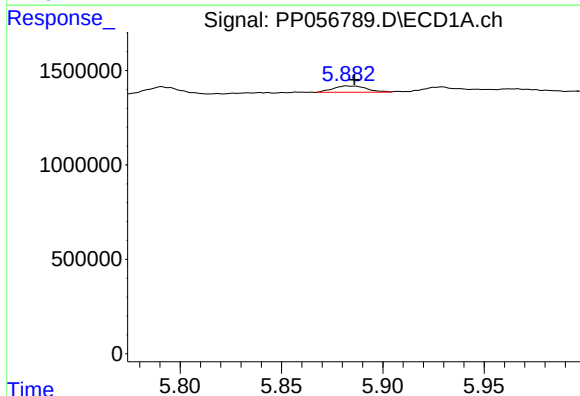
R.T.: 5.606 min
Delta R.T.: -0.005 min
Response: 719163
Conc: 19.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



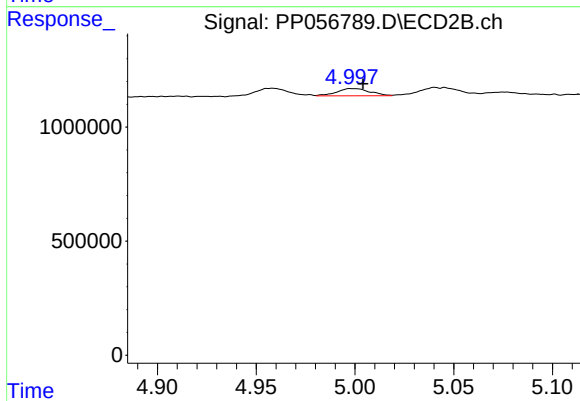
#21 AR-1248-1

R.T.: 4.760 min
Delta R.T.: -0.005 min
Response: 567320
Conc: 17.23 ng/ml



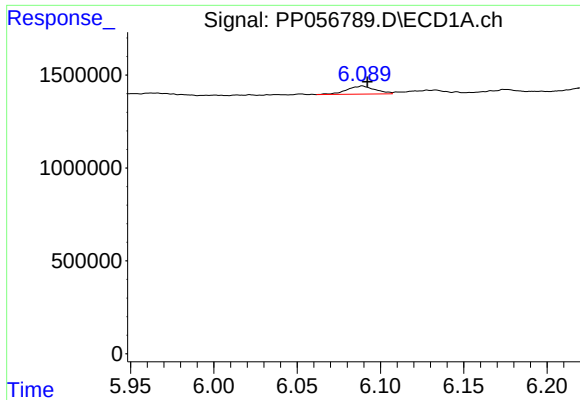
#22 AR-1248-2

R.T.: 5.883 min
Delta R.T.: -0.003 min
Response: 385973
Conc: 6.55 ng/ml



#22 AR-1248-2

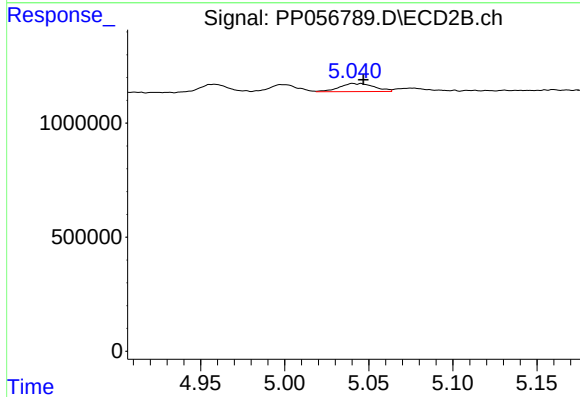
R.T.: 4.999 min
Delta R.T.: -0.005 min
Response: 371276
Conc: 7.20 ng/ml



#23 AR-1248-3

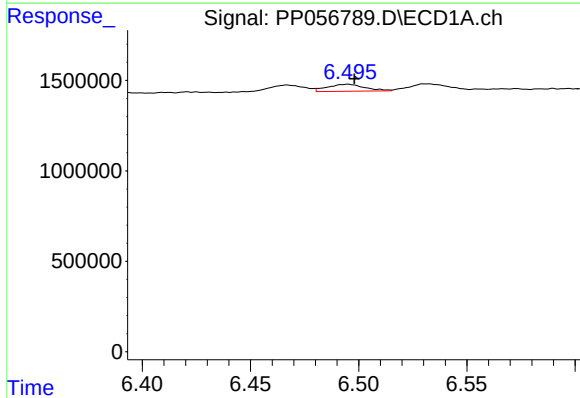
R.T.: 6.089 min
Delta R.T.: -0.003 min
Response: 517026
Conc: 8.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



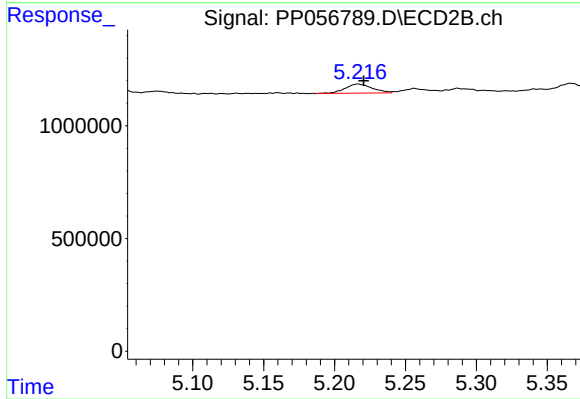
#23 AR-1248-3

R.T.: 5.041 min
Delta R.T.: -0.006 min
Response: 508369
Conc: 9.47 ng/ml



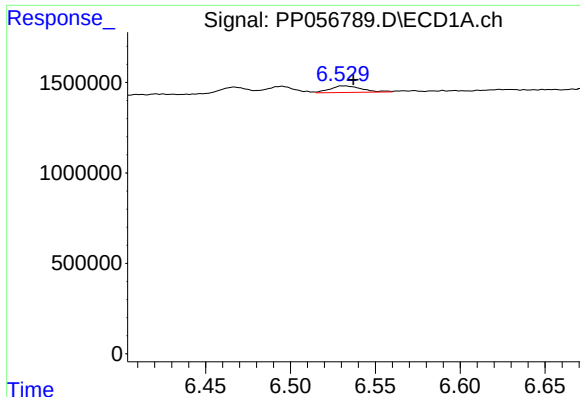
#24 AR-1248-4

R.T.: 6.495 min
Delta R.T.: -0.003 min
Response: 460240
Conc: 7.92 ng/ml



#24 AR-1248-4

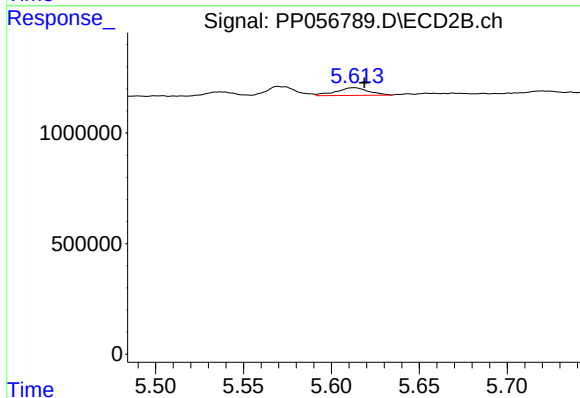
R.T.: 5.217 min
Delta R.T.: -0.004 min
Response: 536401
Conc: 8.67 ng/ml



#25 AR-1248-5

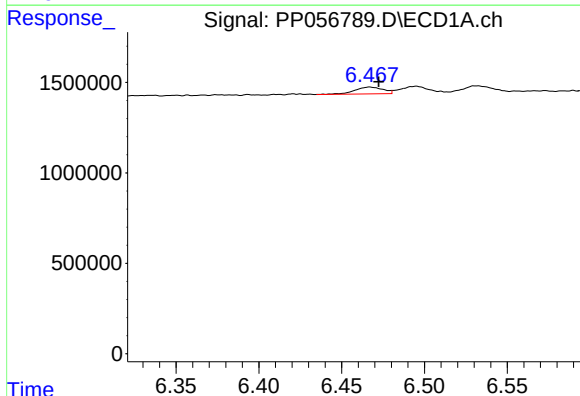
R.T.: 6.531 min
Delta R.T.: -0.006 min
Response: 466710
Conc: 8.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



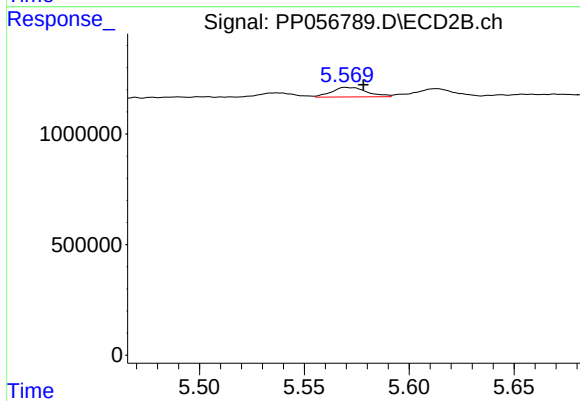
#25 AR-1248-5

R.T.: 5.613 min
Delta R.T.: -0.006 min
Response: 448419
Conc: 8.73 ng/ml



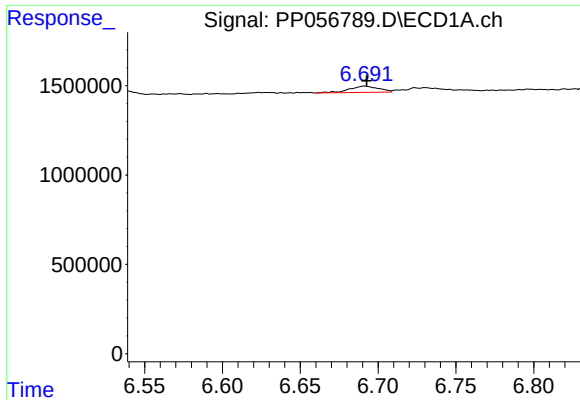
#26 AR-1254-1

R.T.: 6.467 min
Delta R.T.: -0.005 min
Response: 440743
Conc: 6.22 ng/ml



#26 AR-1254-1

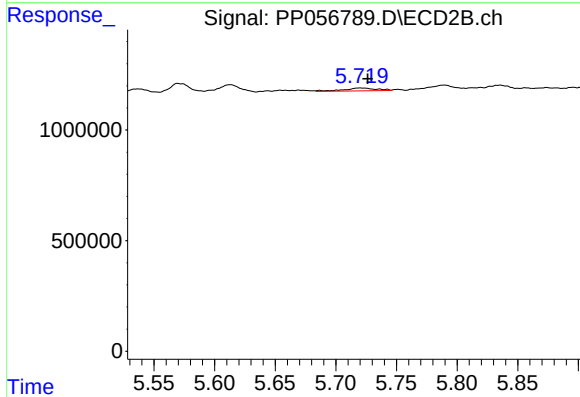
R.T.: 5.570 min
Delta R.T.: -0.008 min
Response: 504938
Conc: 5.48 ng/ml



#27 AR-1254-2

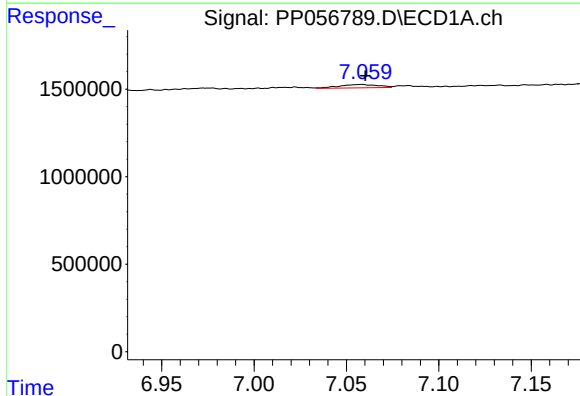
R.T.: 6.692 min
Delta R.T.: -0.001 min
Response: 457808
Conc: 4.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



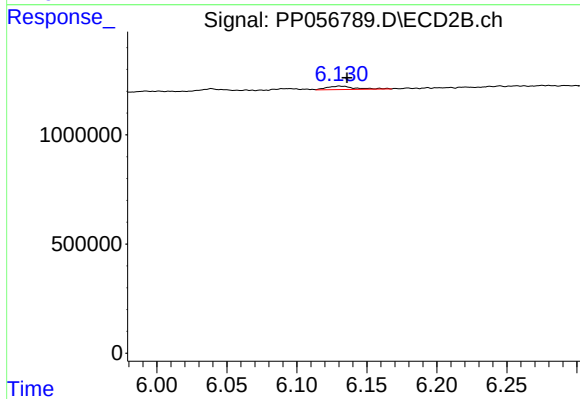
#27 AR-1254-2

R.T.: 5.720 min
Delta R.T.: -0.006 min
Response: 245522
Conc: 3.05 ng/ml



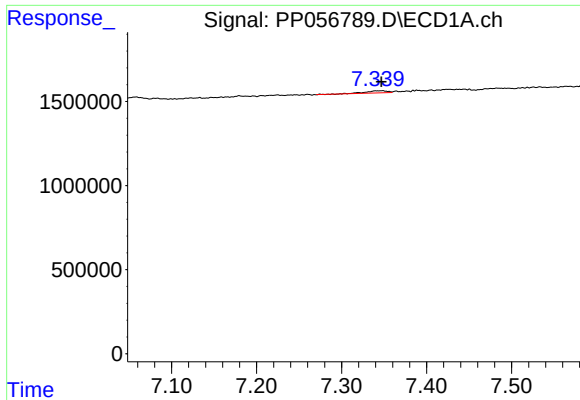
#28 AR-1254-3

R.T.: 7.058 min
Delta R.T.: -0.002 min
Response: 278829
Conc: 2.88 ng/ml



#28 AR-1254-3

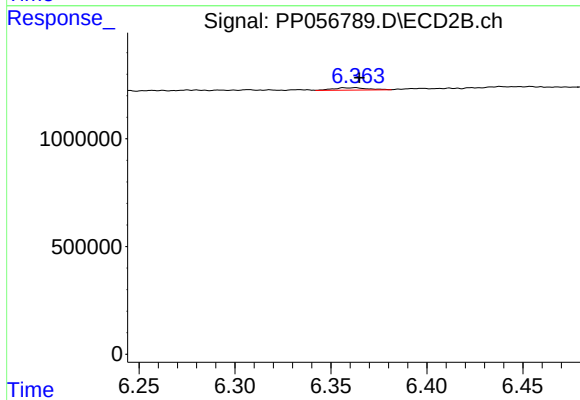
R.T.: 6.131 min
Delta R.T.: -0.005 min
Response: 224735
Conc: 1.82 ng/ml



#29 AR-1254-4

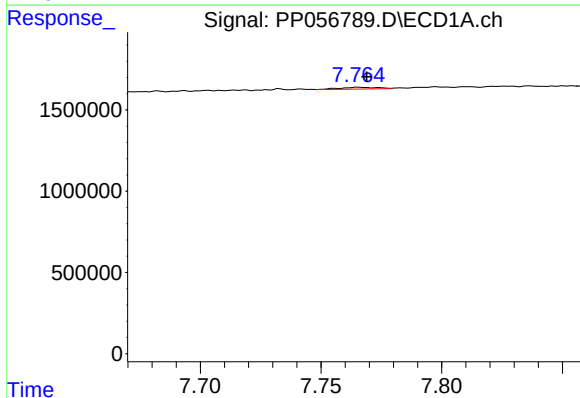
R.T.: 7.348 min
Delta R.T.: 0.000 min
Response: 214707
Conc: 3.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



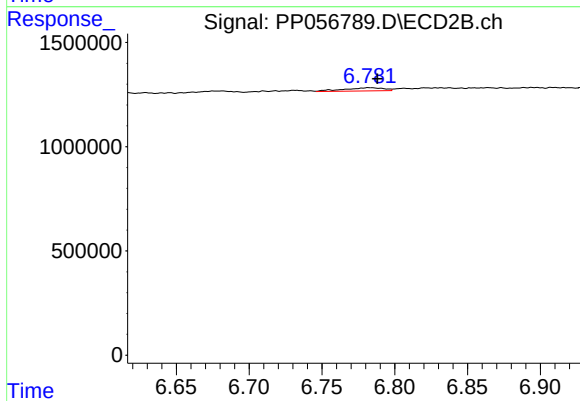
#29 AR-1254-4

R.T.: 6.363 min
Delta R.T.: -0.002 min
Response: 135696
Conc: 2.14 ng/ml



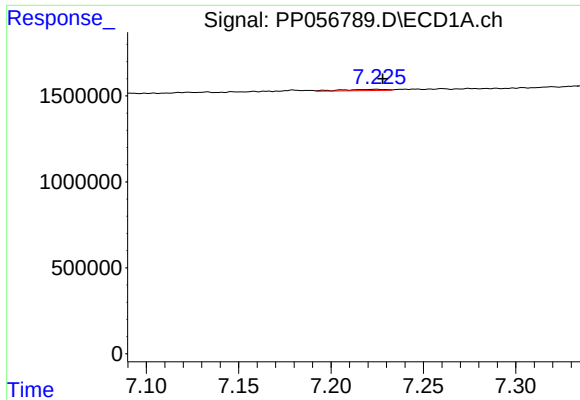
#30 AR-1254-5

R.T.: 7.766 min
Delta R.T.: -0.003 min
Response: 118087
Conc: 1.73 ng/ml



#30 AR-1254-5

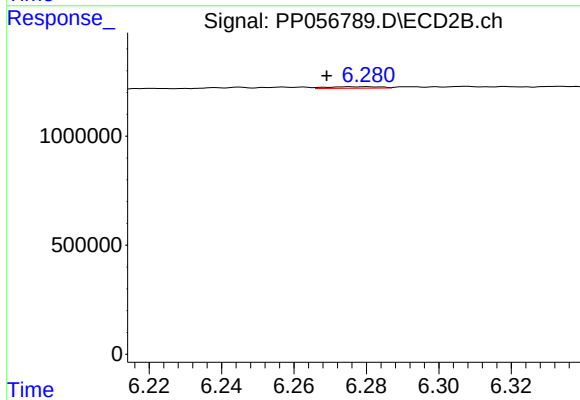
R.T.: 6.783 min
Delta R.T.: -0.005 min
Response: 292538
Conc: 2.78 ng/ml



#31 AR-1260-1

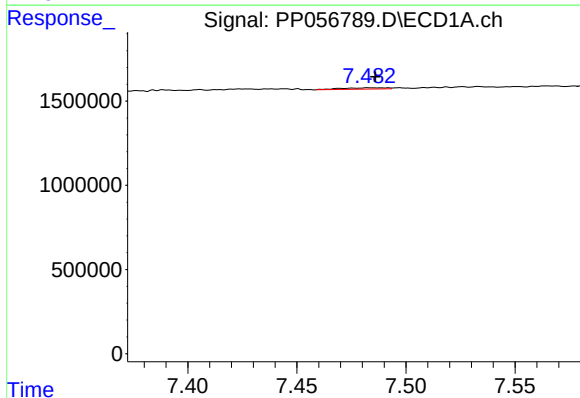
R.T.: 7.225 min
Delta R.T.: -0.003 min
Response: 118194
Conc: 1.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



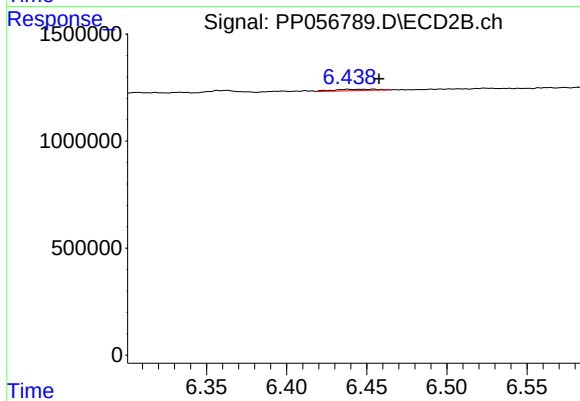
#31 AR-1260-1

R.T.: 6.280 min
Delta R.T.: 0.011 min
Response: 74407
Conc: 0.78 ng/ml



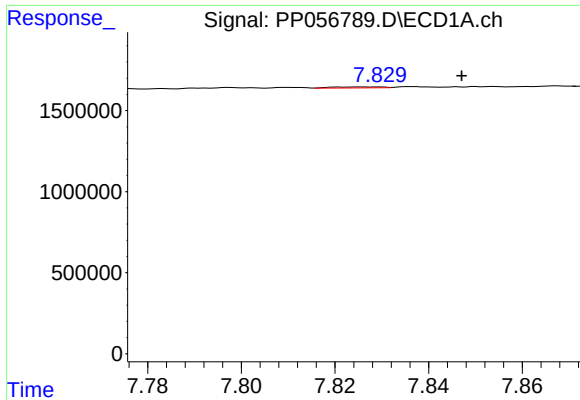
#32 AR-1260-2

R.T.: 7.484 min
Delta R.T.: -0.002 min
Response: 117176
Conc: 1.37 ng/ml



#32 AR-1260-2

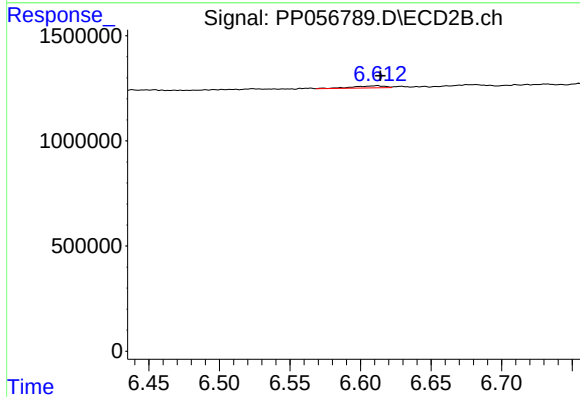
R.T.: 6.454 min
Delta R.T.: -0.004 min
Response: 119989
Conc: 1.16 ng/ml



#33 AR-1260-3

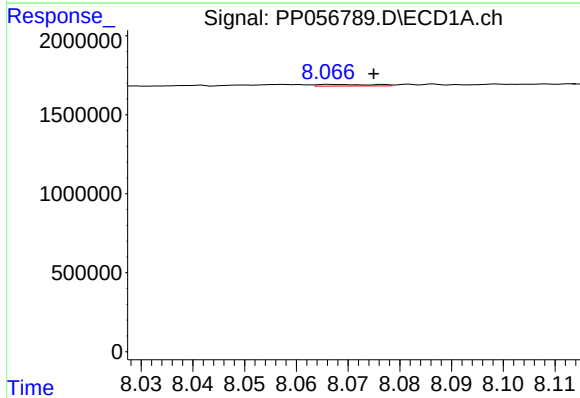
R.T.: 7.828 min
Delta R.T.: -0.019 min
Response: 45384
Conc: 0.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



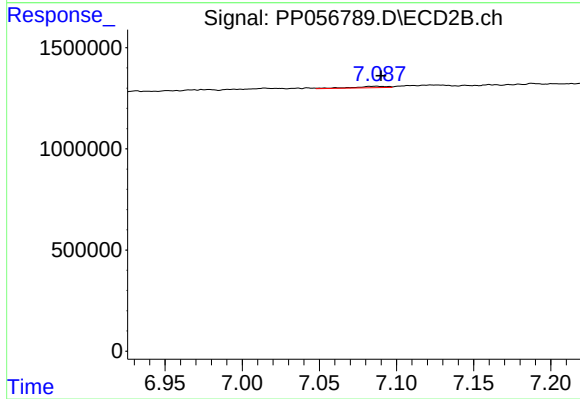
#33 AR-1260-3

R.T.: 6.612 min
Delta R.T.: -0.002 min
Response: 160170
Conc: 1.54 ng/ml



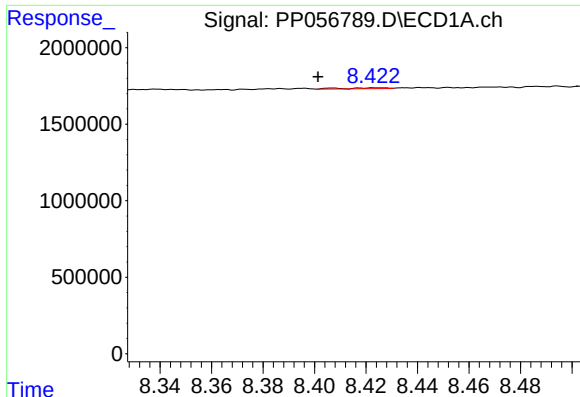
#34 AR-1260-4

R.T.: 8.067 min
Delta R.T.: -0.008 min
Response: 76818
Conc: 1.01 ng/ml



#34 AR-1260-4

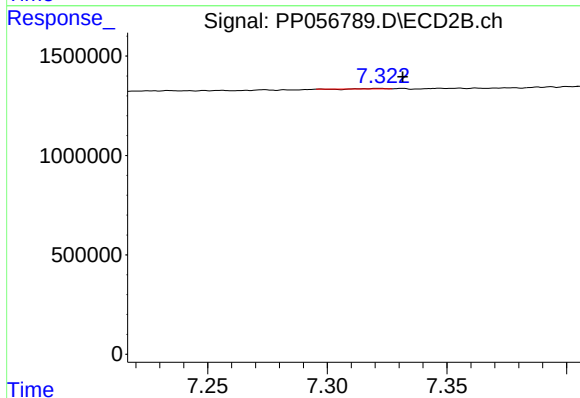
R.T.: 7.087 min
Delta R.T.: -0.003 min
Response: 117422
Conc: 1.37 ng/ml



#35 AR-1260-5

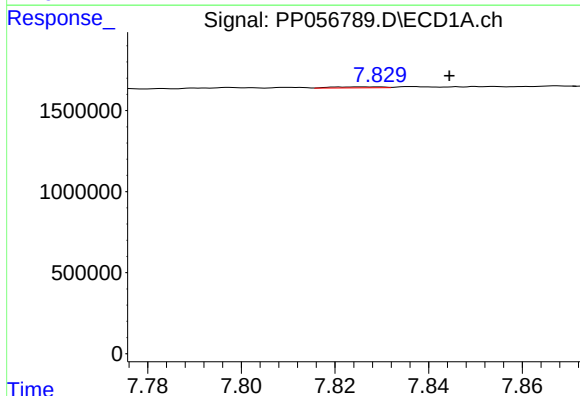
R.T.: 8.407 min
Delta R.T.: 0.006 min
Response: 62209
Conc: 0.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



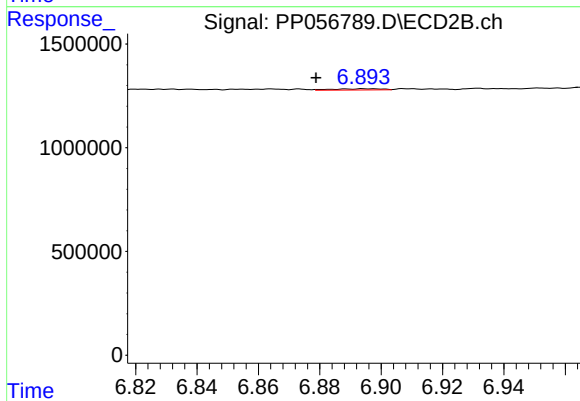
#35 AR-1260-5

R.T.: 7.322 min
Delta R.T.: -0.010 min
Response: 7618
Conc: 0.05 ng/ml



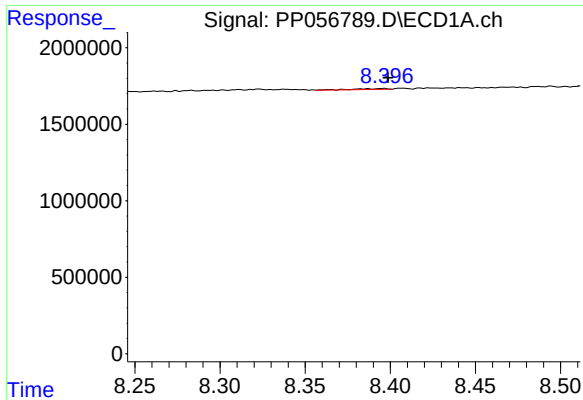
#36 AR-1262-1

R.T.: 7.828 min
Delta R.T.: -0.017 min
Response: 45384
Conc: 0.52 ng/ml



#36 AR-1262-1

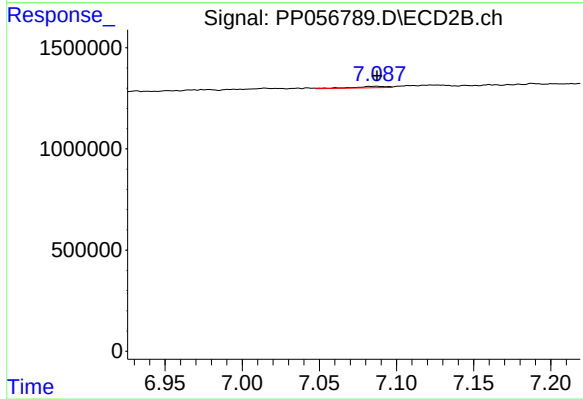
R.T.: 6.889 min
Delta R.T.: 0.010 min
Response: 70704
Conc: 1.51 ng/ml



#37 AR-1262-2

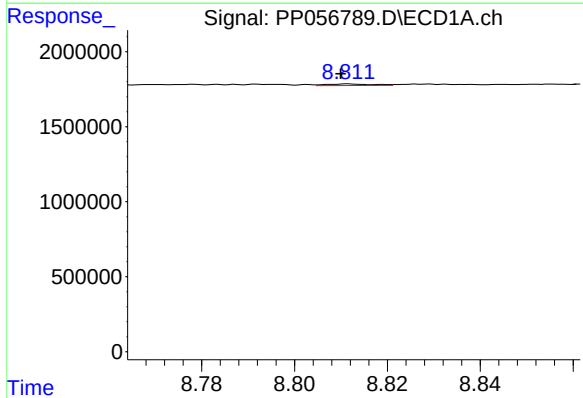
R.T.: 8.396 min
Delta R.T.: -0.003 min
Response: 80456
Conc: 0.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



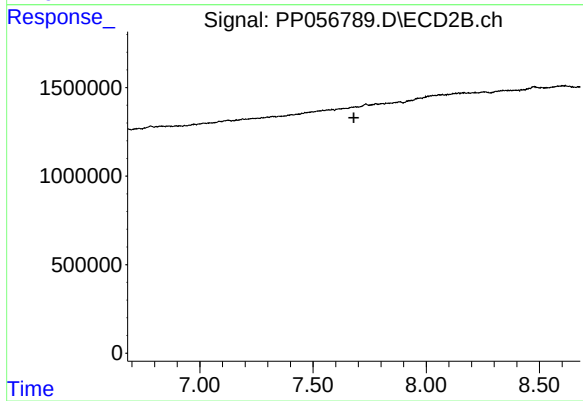
#37 AR-1262-2

R.T.: 7.087 min
Delta R.T.: 0.000 min
Response: 117422
Conc: 1.20 ng/ml



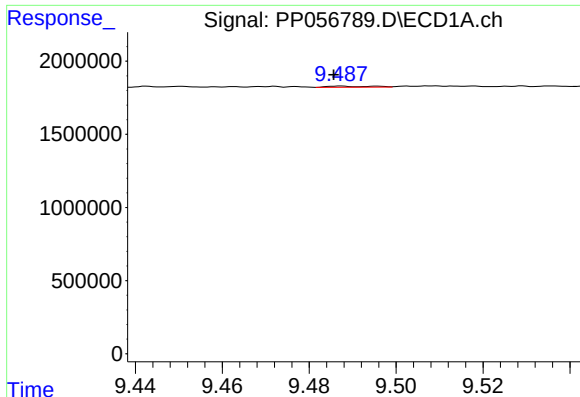
#39 AR-1262-4

R.T.: 8.812 min
Delta R.T.: 0.002 min
Response: 72464
Conc: 1.60 ng/ml



#39 AR-1262-4

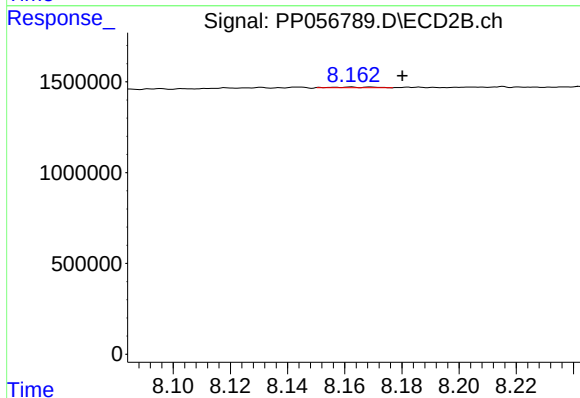
R.T.: 0.000 min
Exp R.T.: 7.680 min
Response: 0
Conc: N.D.



#40 AR-1262-5

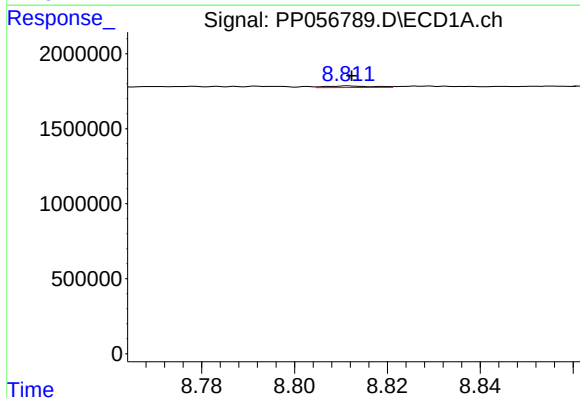
R.T.: 9.487 min
Delta R.T.: 0.001 min
Response: 50589
Conc: 1.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



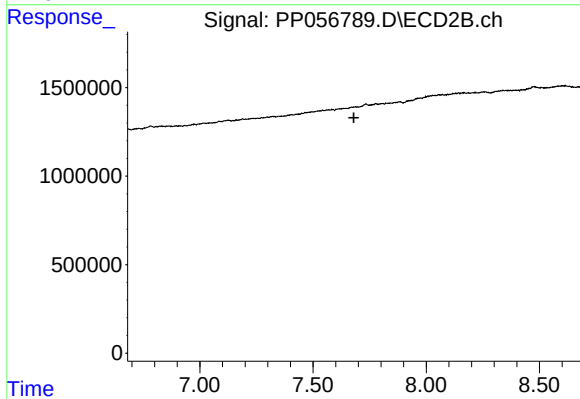
#40 AR-1262-5

R.T.: 8.168 min
Delta R.T.: -0.012 min
Response: 31317
Conc: 0.64 ng/ml



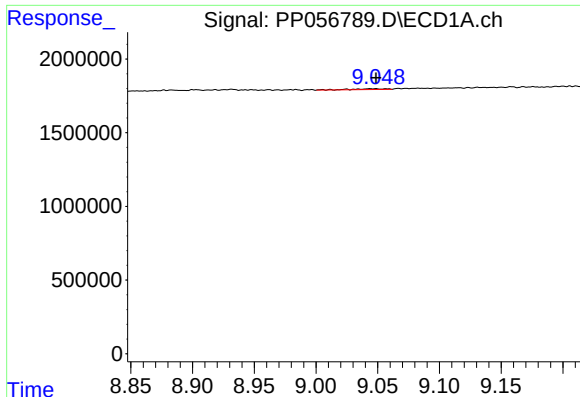
#42 AR-1268-2

R.T.: 8.812 min
Delta R.T.: 0.000 min
Response: 72464
Conc: 0.44 ng/ml



#42 AR-1268-2

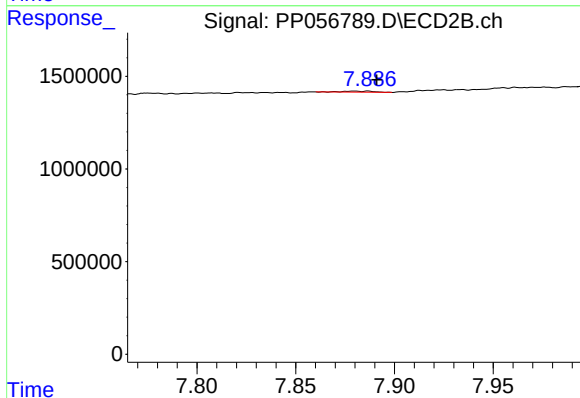
R.T.: 0.000 min
Exp R.T. : 7.680 min
Response: 0
Conc: N.D.



#43 AR-1268-3

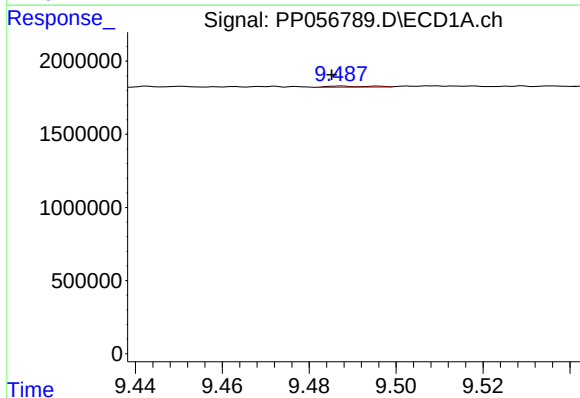
R.T.: 9.048 min
Delta R.T.: 0.000 min
Response: 93590
Conc: 0.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



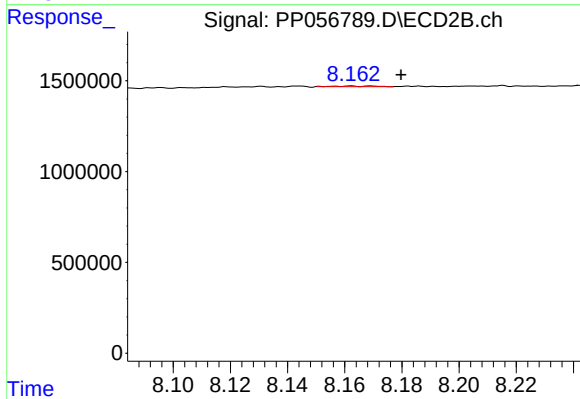
#43 AR-1268-3

R.T.: 7.881 min
Delta R.T.: -0.010 min
Response: 59448
Conc: 0.30 ng/ml



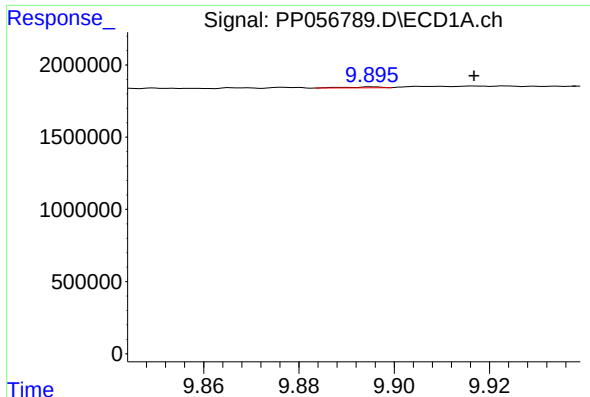
#44 AR-1268-4

R.T.: 9.487 min
Delta R.T.: 0.002 min
Response: 50589
Conc: 1.09 ng/ml



#44 AR-1268-4

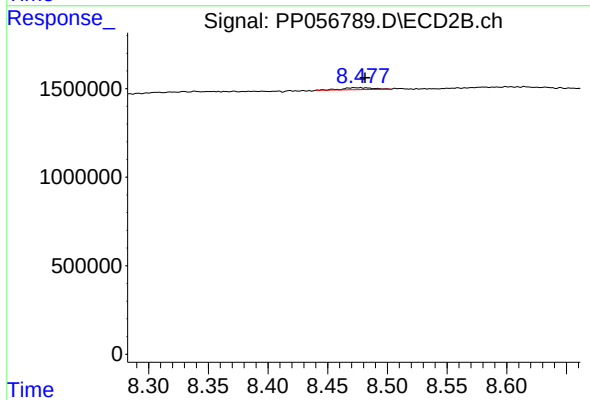
R.T.: 8.168 min
Delta R.T.: -0.011 min
Response: 31317
Conc: 0.54 ng/ml



#45 AR-1268-5

R.T.: 9.895 min
Delta R.T.: -0.021 min
Response: 35027
Conc: 0.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.474 min
Delta R.T.: -0.007 min
Response: 194764
Conc: 0.38 ng/ml