

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012023\
 Data File : PP054769.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2023 15:10
 Operator : YP\AJ
 Sample : 01189-18 10X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 20 16:23:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP011723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 18 04:34:06 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...	4.333	3.580	3240664	2319520	1.765	1.449
2)	SA Decachlor...	10.100	8.604	2100036	2129643	1.565	1.487
Target Compounds							
3)	L1 AR-1016-1	5.506	4.679	221518	1067062	3.420	21.185 #
4)	L1 AR-1016-2	5.541	4.679	140882	1067062	1.491	14.947 #
5)	L1 AR-1016-3	5.599	4.883	22277	464260	0.374	11.924 #
6)	L1 AR-1016-4	5.679	4.912	85836	622345	1.806	18.324 #
7)	L1 AR-1016-5	6.002f	0.000	345001	0	7.126	N.D. #
8)	L2 AR-1221-1	4.545	3.783	265823	197816	11.615	9.997
9)	L2 AR-1221-2	4.648f	0.000	214499	0	12.188	N.D. #
10)	L2 AR-1221-3	4.694	0.000	42480	0	0.799	N.D. #
11)	L3 AR-1232-1	4.694	0.000	42480	0	0.956	N.D. #
12)	L3 AR-1232-2	5.239	4.679	885108	1067062	36.716	32.642
13)	L3 AR-1232-3	5.541	4.843f	140882	91120	3.269	5.299 #
14)	L3 AR-1232-4	5.679	4.934	85836	714906	3.999	41.269 #
15)	L3 AR-1232-5	5.793	0.000	366279	0	21.288	N.D. #
16)	L4 AR-1242-1	5.506	4.679	221518	1067062	4.097	25.292 #
17)	L4 AR-1242-2	5.541	4.679	140882	1067062	1.806	18.173 #
18)	L4 AR-1242-3	5.599	4.843f	22277	91120	0.453	2.841 #
19)	L4 AR-1242-4	5.679	4.934	85836	714906	2.164	20.375 #
20)	L4 AR-1242-5	6.444f	5.497f	249685	619884	6.920	16.308 #
21)	L5 AR-1248-1	5.506	4.679	221518	1067062	5.562	34.103 #
22)	L5 AR-1248-2	5.793	4.912	366279	622345	6.171	12.963 #
23)	L5 AR-1248-3	6.002f	4.934	345001	714906	5.228	14.068 #
24)	L5 AR-1248-4	6.403	0.000	341457	0	5.110	N.D. #
25)	L5 AR-1248-5	6.444	5.517	249685	488912	3.840	9.623 #
26)	L6 AR-1254-1	6.349f	5.497f	77366	619884	1.095	7.291 #
27)	L6 AR-1254-2	6.586	0.000	104409	0	1.091	N.D. #
28)	L6 AR-1254-3	0.000	5.998f	0	2608490	N.D.	23.048 #
29)	L6 AR-1254-4	7.267f	6.245	113882	737073	1.818	11.842 #
30)	L6 AR-1254-5	0.000	6.661	0	30590	N.D.	0.323 #
31)	L7 AR-1260-1	7.130	6.159	192319	1371554	2.800	16.521 #
32)	L7 AR-1260-2	7.385	6.328f	465738	211459	5.824	2.297 #
33)	L7 AR-1260-3	7.734	0.000	126446	0	2.099	N.D. #
34)	L7 AR-1260-4	7.966	6.991	111051	54834	1.587	0.729 #
35)	L7 AR-1260-5	8.284	7.225	404432	30482	3.104	0.192 #
36)	L8 AR-1262-1	7.734	6.765	126446	44974	1.545	1.060 #
37)	L8 AR-1262-2	8.284	6.991f	404432	54834	2.857	0.596 #
38)	L8 AR-1262-3	8.610f	7.500	360733	72909	3.499	1.015 #
39)	L8 AR-1262-4	8.696	7.568	524508	42089	10.550	0.325 #
40)	L8 AR-1262-5	9.323f	8.084f	317426	53291	5.573	0.894 #
41)	L9 AR-1268-1	8.610f	7.500	360733	72909	1.956	0.337 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 20 16:23:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP011723.M
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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	8.696	7.568	524508	42089	3.095	0.215 #
44) L9	AR-1268-4	9.323	8.084f	317426	53291	4.917	0.788 #
45) L9	AR-1268-5	0.000	8.351	0	64181	N.D.	0.125 #

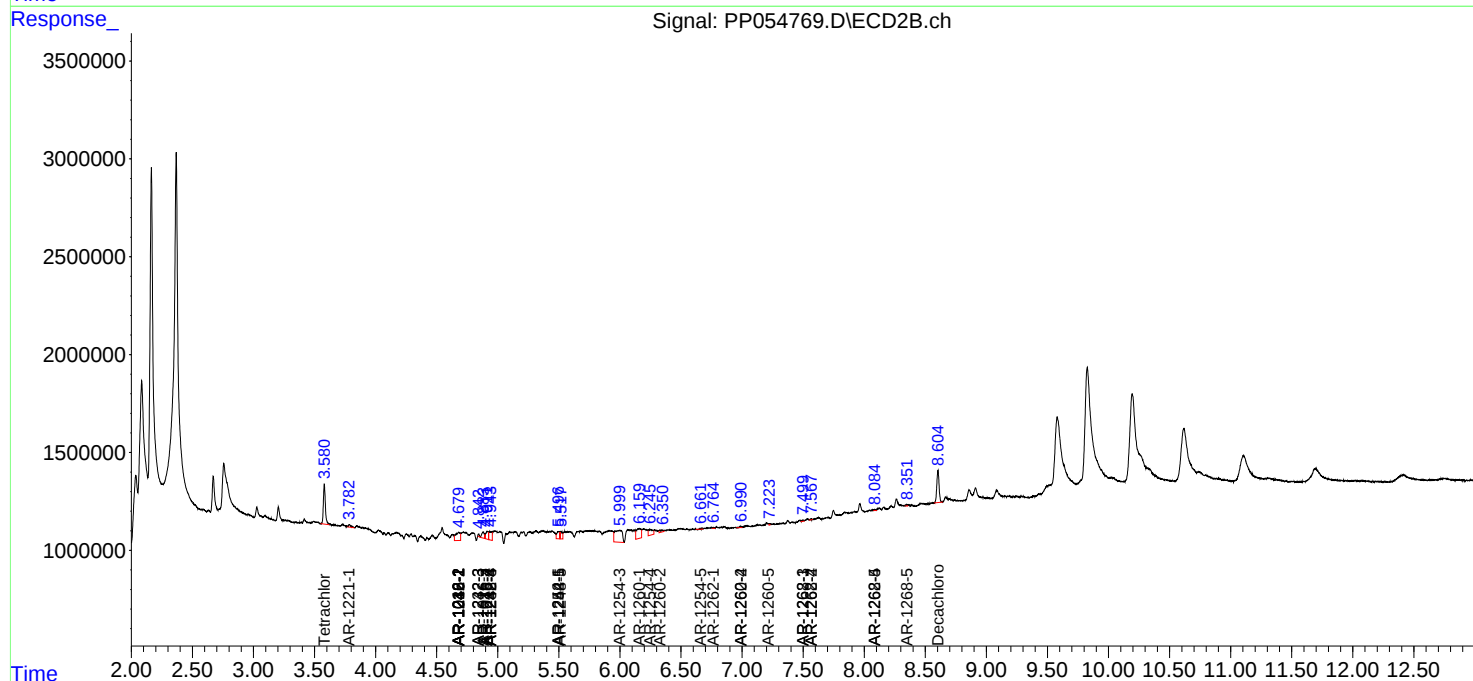
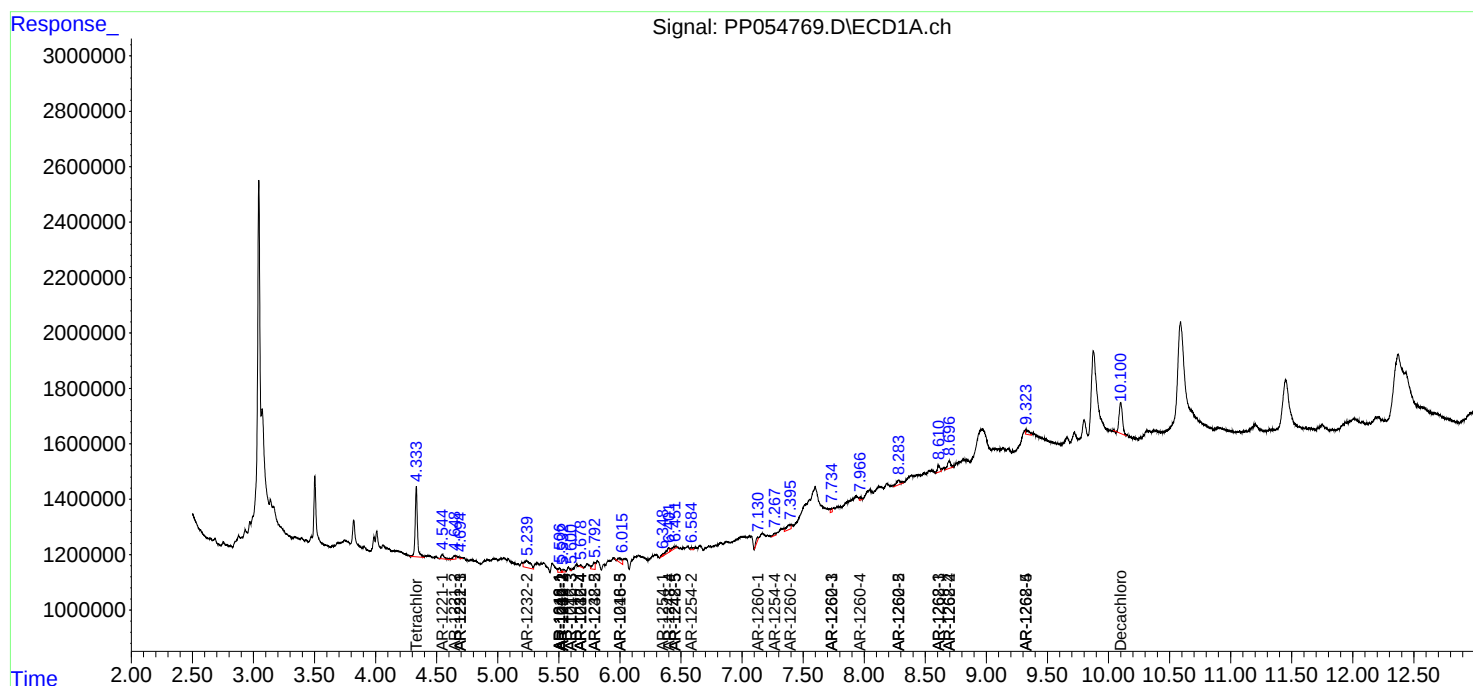
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

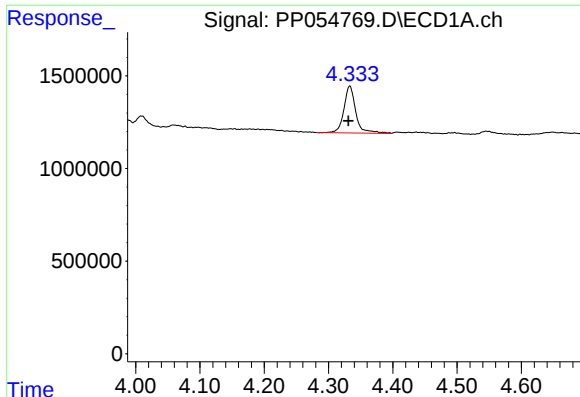
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012023\
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

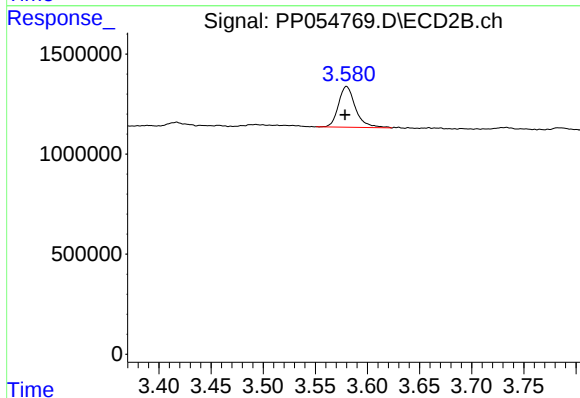




#1 Tetrachloro-m-xylene

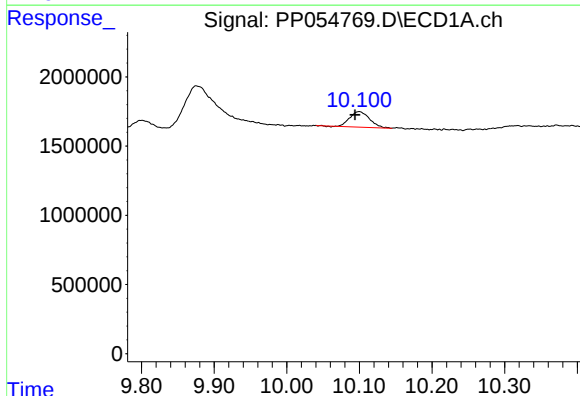
R.T.: 4.333 min
Delta R.T.: 0.002 min
Response: 3240664
Conc: 1.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



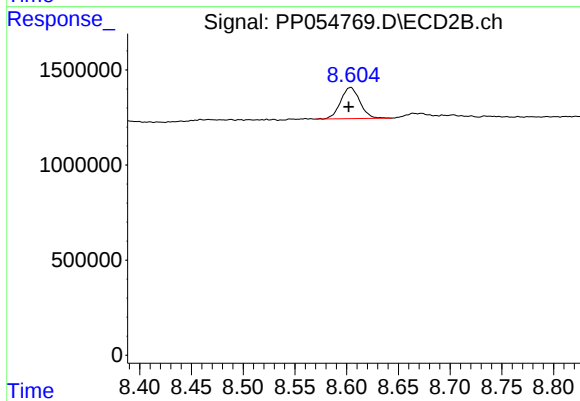
#1 Tetrachloro-m-xylene

R.T.: 3.580 min
Delta R.T.: 0.002 min
Response: 2319520
Conc: 1.45 ng/ml



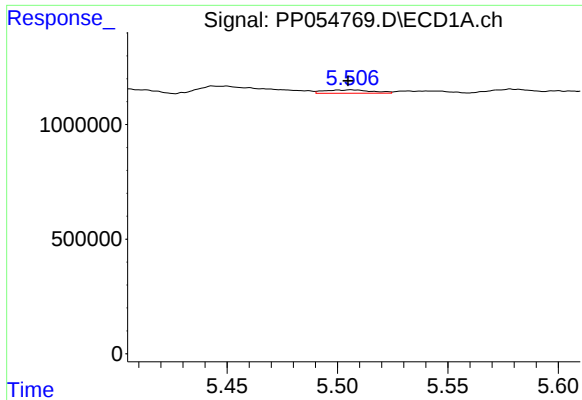
#2 Decachlorobiphenyl

R.T.: 10.100 min
Delta R.T.: 0.006 min
Response: 2100036
Conc: 1.56 ng/ml



#2 Decachlorobiphenyl

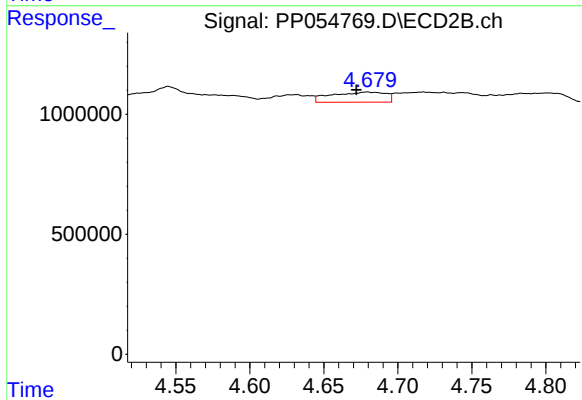
R.T.: 8.604 min
Delta R.T.: 0.002 min
Response: 2129643
Conc: 1.49 ng/ml



#3 AR-1016-1

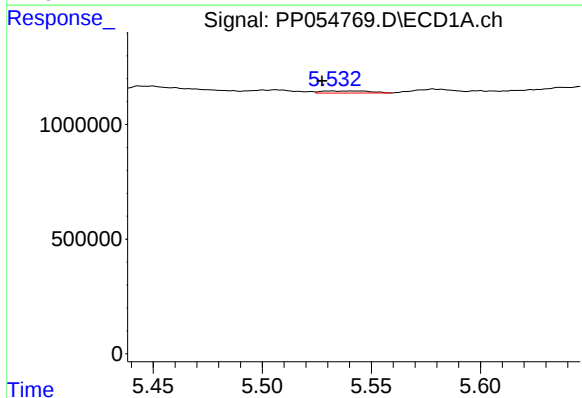
R.T.: 5.506 min
Delta R.T.: 0.002 min
Response: 221518
Conc: 3.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



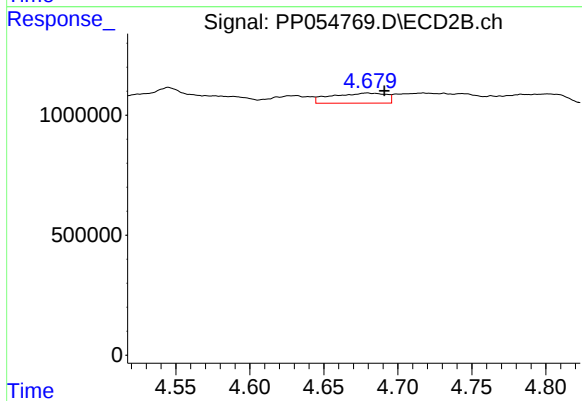
#3 AR-1016-1

R.T.: 4.679 min
Delta R.T.: 0.007 min
Response: 1067062
Conc: 21.18 ng/ml



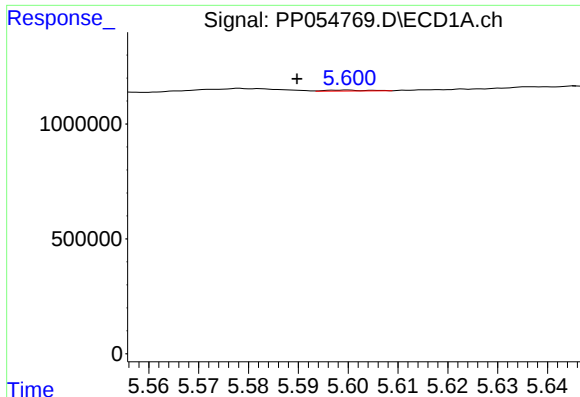
#4 AR-1016-2

R.T.: 5.541 min
Delta R.T.: 0.013 min
Response: 140882
Conc: 1.49 ng/ml



#4 AR-1016-2

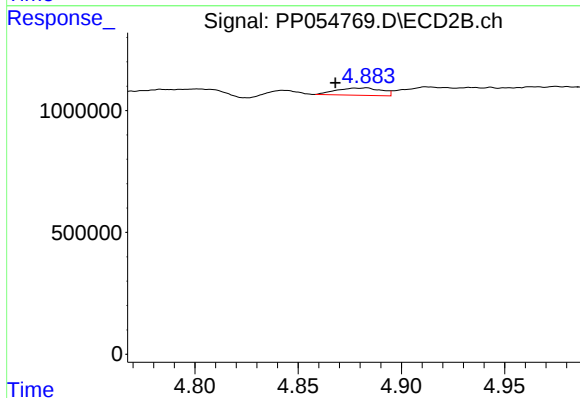
R.T.: 4.679 min
Delta R.T.: -0.012 min
Response: 1067062
Conc: 14.95 ng/ml



#5 AR-1016-3

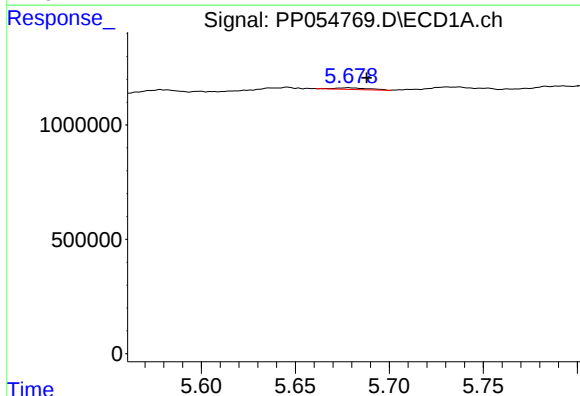
R.T.: 5.599 min
Delta R.T.: 0.009 min
Response: 22277
Conc: 0.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



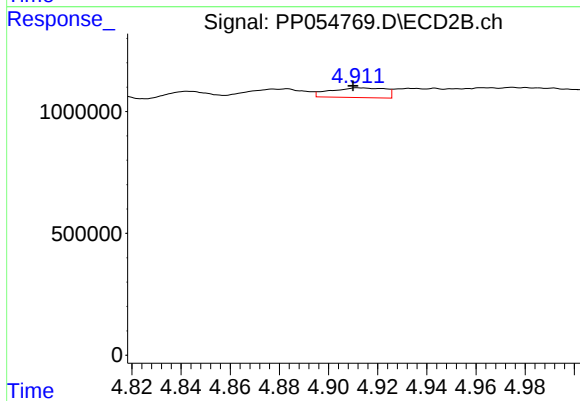
#5 AR-1016-3

R.T.: 4.883 min
Delta R.T.: 0.015 min
Response: 464260
Conc: 11.92 ng/ml



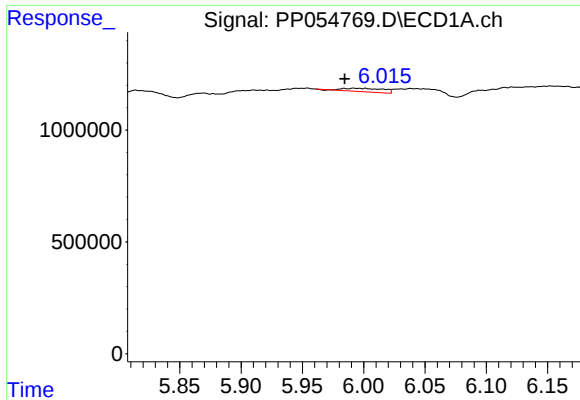
#6 AR-1016-4

R.T.: 5.679 min
Delta R.T.: -0.009 min
Response: 85836
Conc: 1.81 ng/ml



#6 AR-1016-4

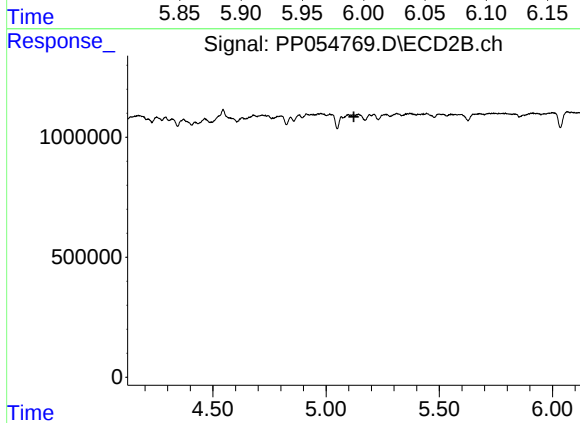
R.T.: 4.912 min
Delta R.T.: 0.002 min
Response: 622345
Conc: 18.32 ng/ml



#7 AR-1016-5

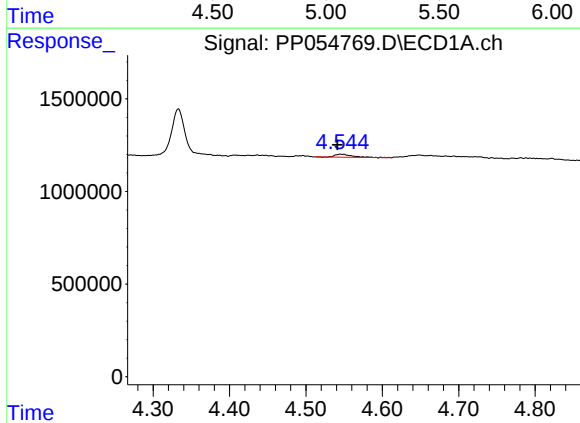
R.T.: 6.002 min
Delta R.T.: 0.017 min
Response: 345001
Conc: 7.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



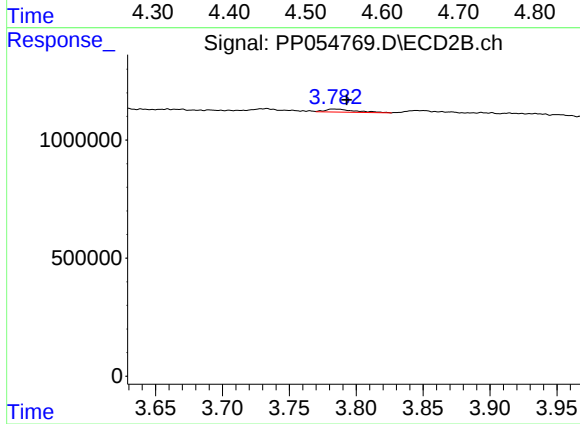
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.123 min
Response: 0
Conc: N.D.



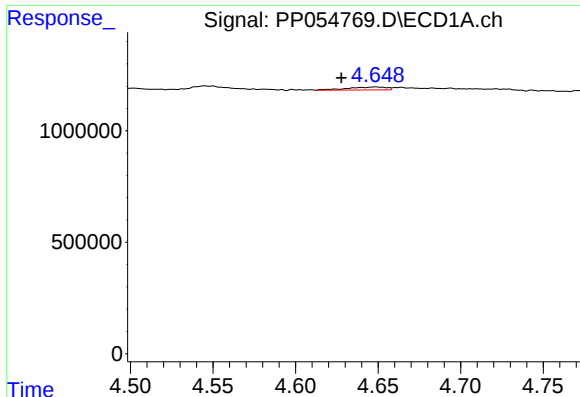
#8 AR-1221-1

R.T.: 4.545 min
Delta R.T.: 0.004 min
Response: 265823
Conc: 11.62 ng/ml



#8 AR-1221-1

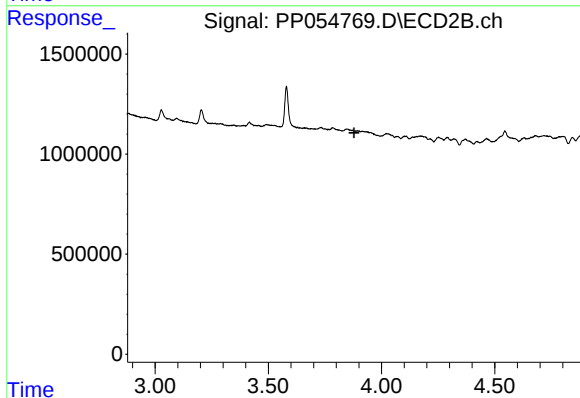
R.T.: 3.783 min
Delta R.T.: -0.010 min
Response: 197816
Conc: 10.00 ng/ml



#9 AR-1221-2

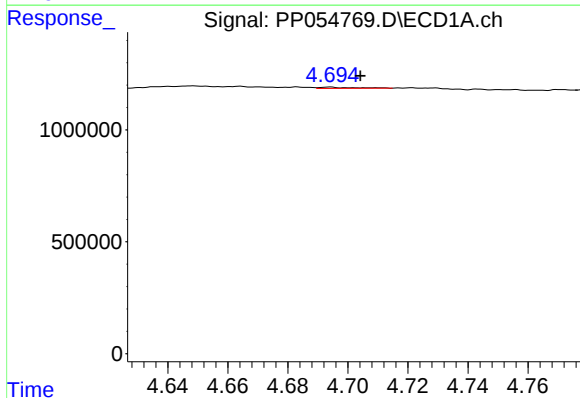
R.T.: 4.648 min
Delta R.T.: 0.021 min
Response: 214499
Conc: 12.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



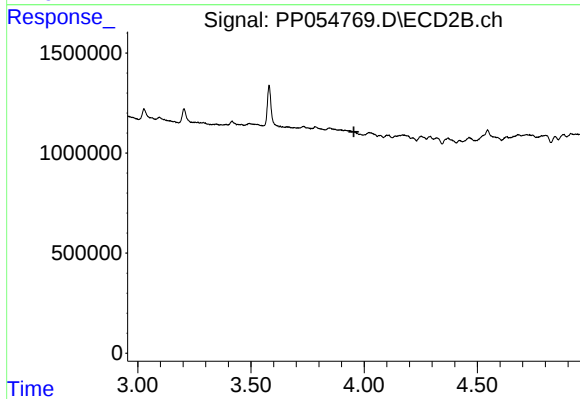
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.878 min
Response: 0
Conc: N.D.



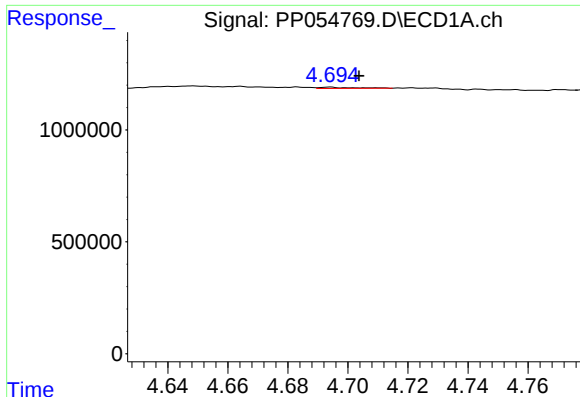
#10 AR-1221-3

R.T.: 4.694 min
Delta R.T.: -0.010 min
Response: 42480
Conc: 0.80 ng/ml



#10 AR-1221-3

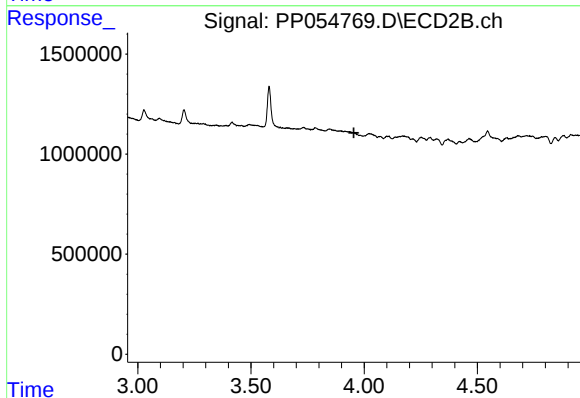
R.T.: 0.000 min
Exp R.T. : 3.954 min
Response: 0
Conc: N.D.



#11 AR-1232-1

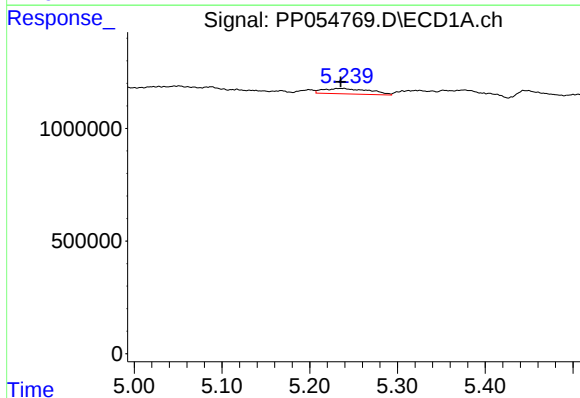
R.T.: 4.694 min
Delta R.T.: -0.010 min
Response: 42480
Conc: 0.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



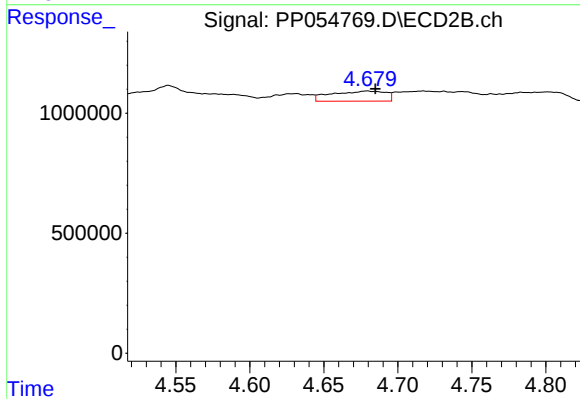
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.954 min
Response: 0
Conc: N.D.



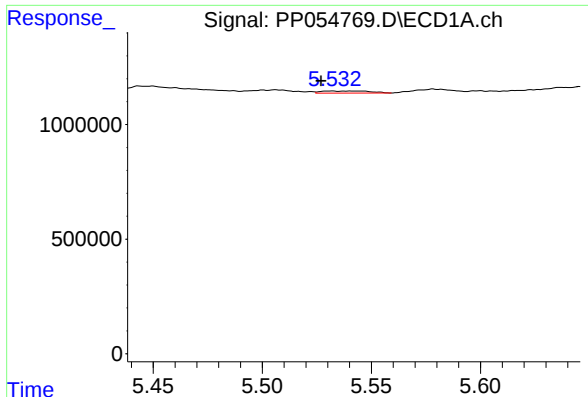
#12 AR-1232-2

R.T.: 5.239 min
Delta R.T.: 0.004 min
Response: 885108
Conc: 36.72 ng/ml



#12 AR-1232-2

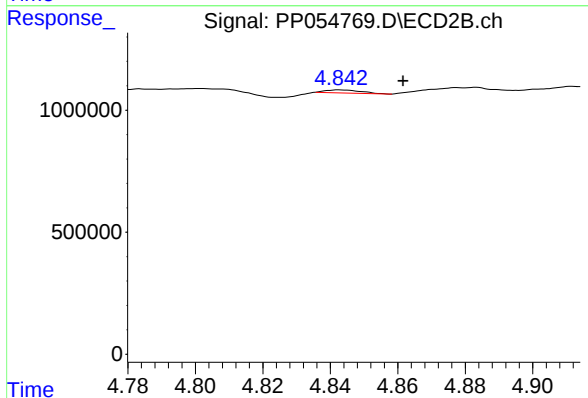
R.T.: 4.679 min
Delta R.T.: -0.006 min
Response: 1067062
Conc: 32.64 ng/ml



#13 AR-1232-3

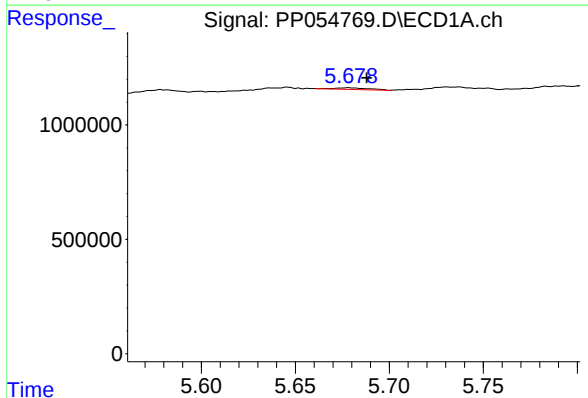
R.T.: 5.541 min
Delta R.T.: 0.014 min
Response: 140882
Conc: 3.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



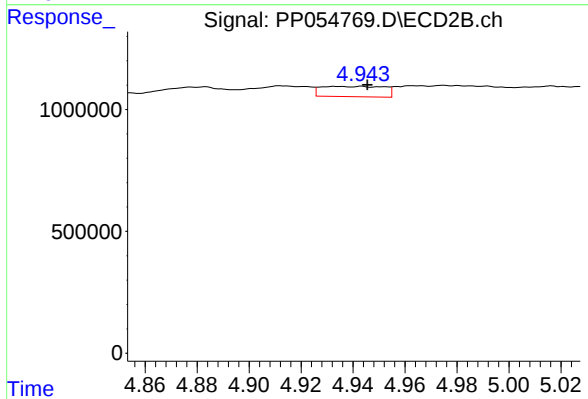
#13 AR-1232-3

R.T.: 4.843 min
Delta R.T.: -0.018 min
Response: 91120
Conc: 5.30 ng/ml



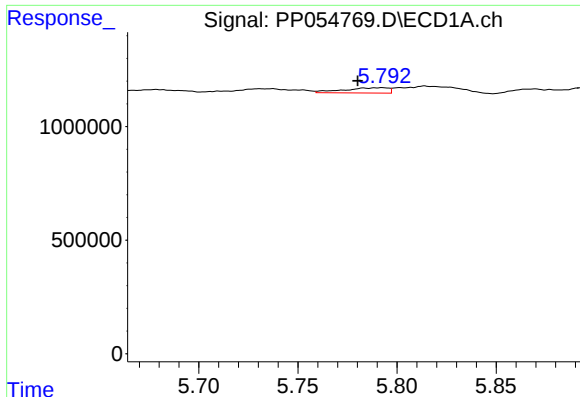
#14 AR-1232-4

R.T.: 5.679 min
Delta R.T.: -0.009 min
Response: 85836
Conc: 4.00 ng/ml



#14 AR-1232-4

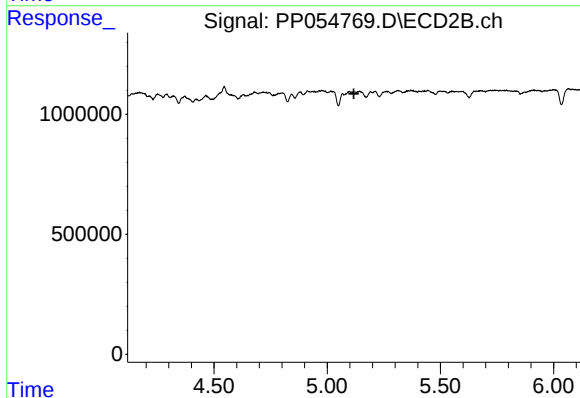
R.T.: 4.934 min
Delta R.T.: -0.012 min
Response: 714906
Conc: 41.27 ng/ml



#15 AR-1232-5

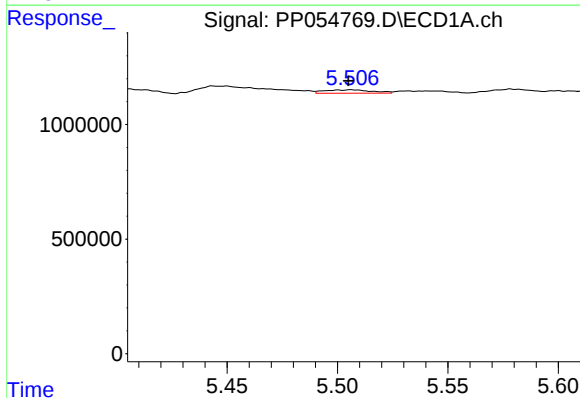
R.T.: 5.793 min
Delta R.T.: 0.012 min
Response: 366279
Conc: 21.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



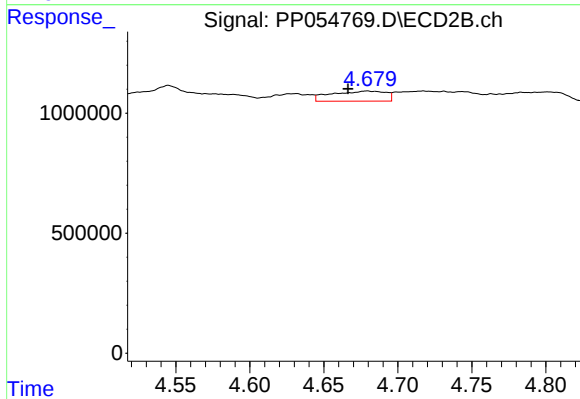
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.118 min
Response: 0
Conc: N.D.



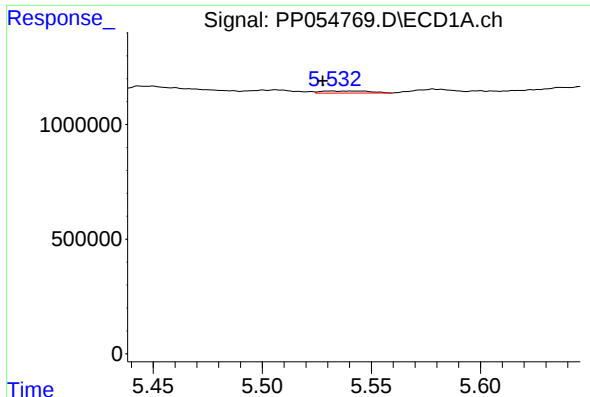
#16 AR-1242-1

R.T.: 5.506 min
Delta R.T.: 0.001 min
Response: 221518
Conc: 4.10 ng/ml



#16 AR-1242-1

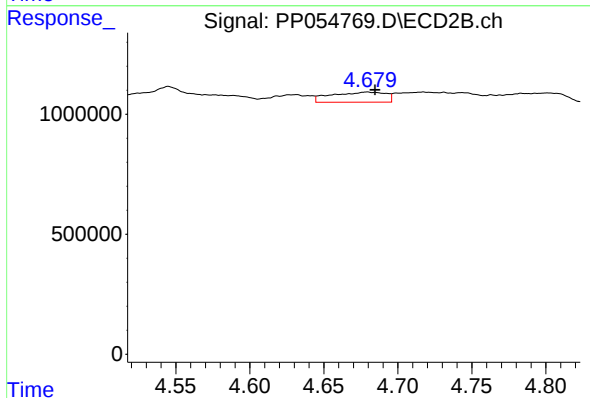
R.T.: 4.679 min
Delta R.T.: 0.013 min
Response: 1067062
Conc: 25.29 ng/ml



#17 AR-1242-2

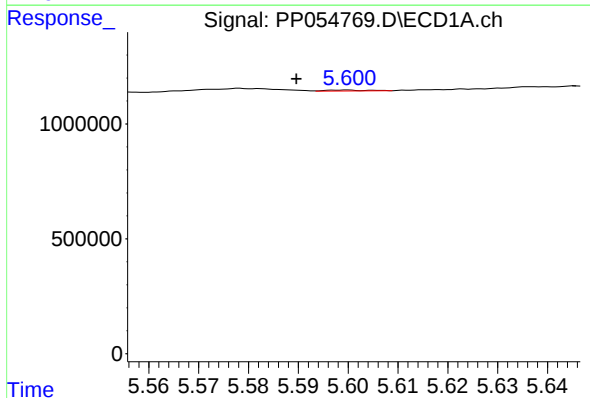
R.T.: 5.541 min
Delta R.T.: 0.013 min
Response: 140882
Conc: 1.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



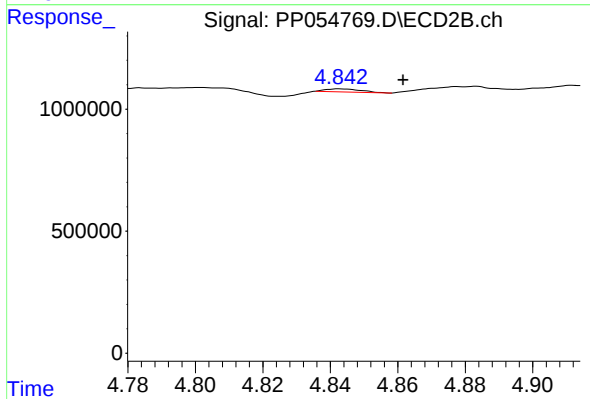
#17 AR-1242-2

R.T.: 4.679 min
Delta R.T.: -0.006 min
Response: 1067062
Conc: 18.17 ng/ml



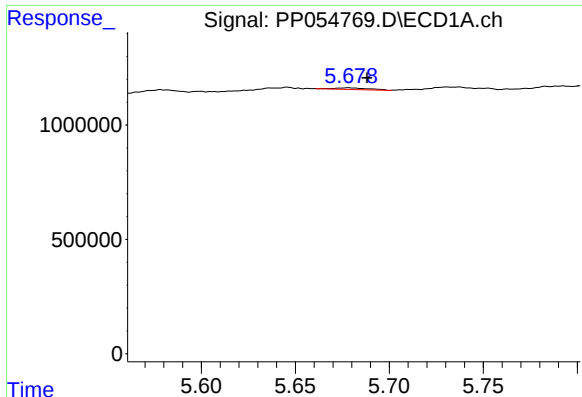
#18 AR-1242-3

R.T.: 5.599 min
Delta R.T.: 0.010 min
Response: 22277
Conc: 0.45 ng/ml



#18 AR-1242-3

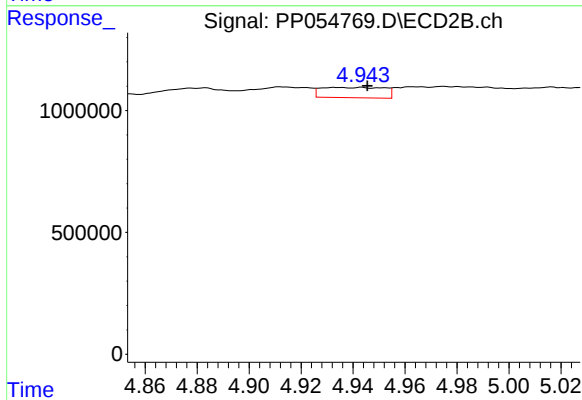
R.T.: 4.843 min
Delta R.T.: -0.018 min
Response: 91120
Conc: 2.84 ng/ml



#19 AR-1242-4

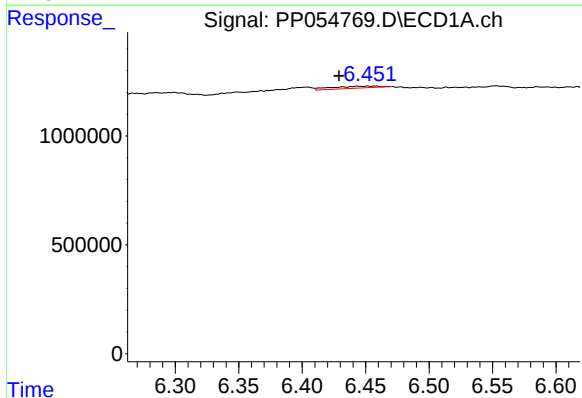
R.T.: 5.679 min
Delta R.T.: -0.010 min
Response: 85836
Conc: 2.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



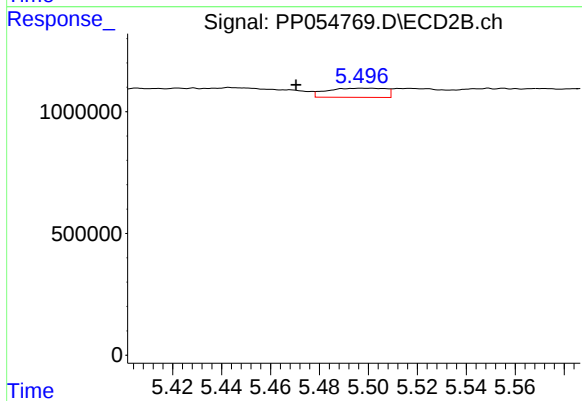
#19 AR-1242-4

R.T.: 4.934 min
Delta R.T.: -0.012 min
Response: 714906
Conc: 20.38 ng/ml



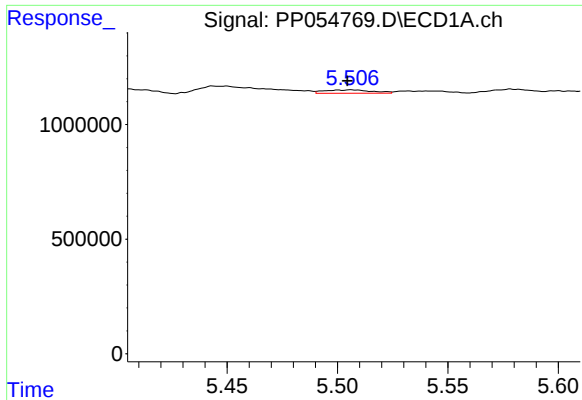
#20 AR-1242-5

R.T.: 6.444 min
Delta R.T.: 0.015 min
Response: 249685
Conc: 6.92 ng/ml



#20 AR-1242-5

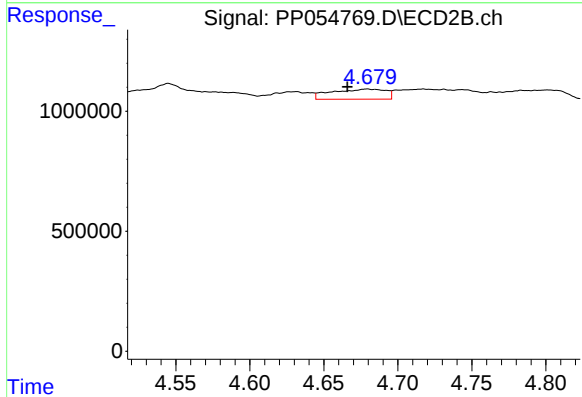
R.T.: 5.497 min
Delta R.T.: 0.027 min
Response: 619884
Conc: 16.31 ng/ml



#21 AR-1248-1

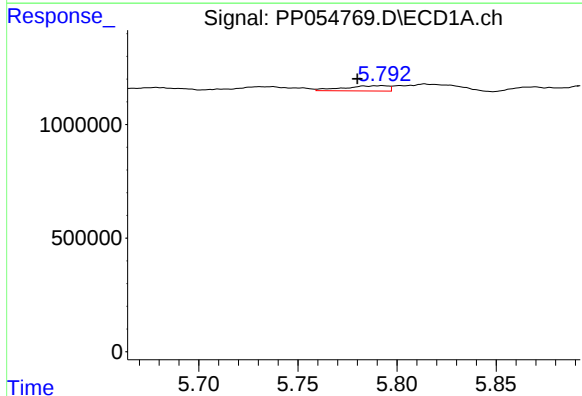
R.T.: 5.506 min
Delta R.T.: 0.002 min
Response: 221518
Conc: 5.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



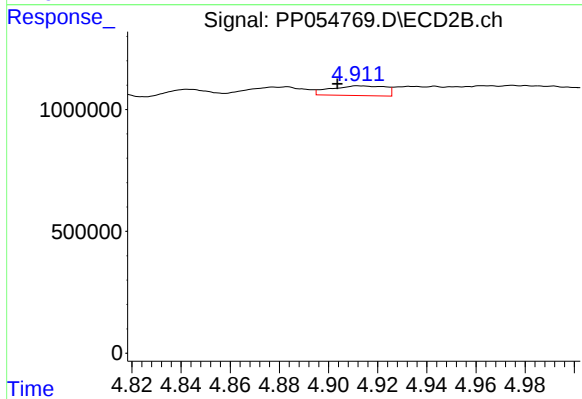
#21 AR-1248-1

R.T.: 4.679 min
Delta R.T.: 0.013 min
Response: 1067062
Conc: 34.10 ng/ml



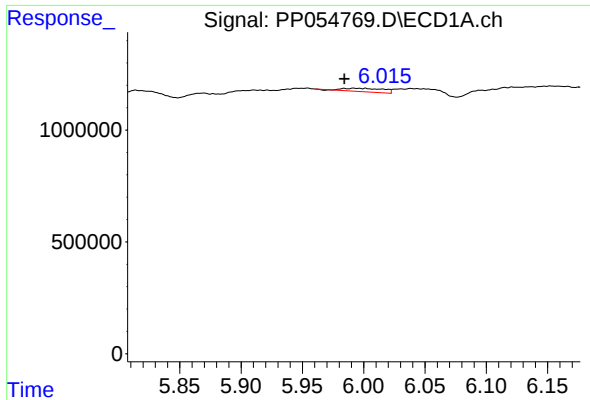
#22 AR-1248-2

R.T.: 5.793 min
Delta R.T.: 0.012 min
Response: 366279
Conc: 6.17 ng/ml



#22 AR-1248-2

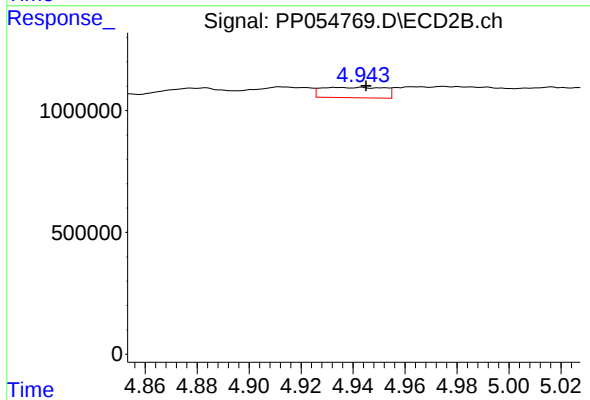
R.T.: 4.912 min
Delta R.T.: 0.009 min
Response: 622345
Conc: 12.96 ng/ml



#23 AR-1248-3

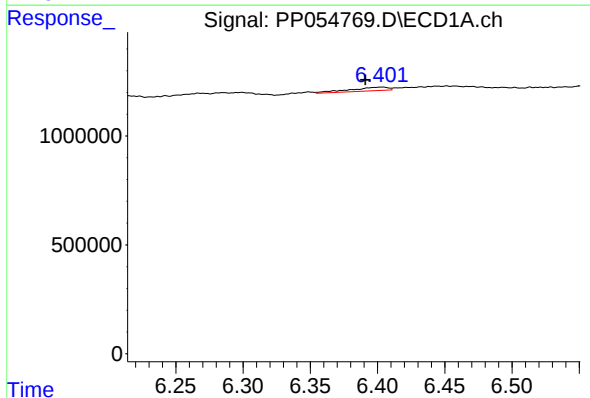
R.T.: 6.002 min
Delta R.T.: 0.017 min
Response: 345001
Conc: 5.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



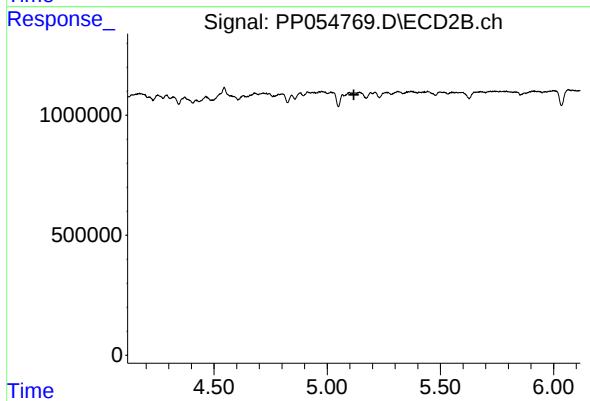
#23 AR-1248-3

R.T.: 4.934 min
Delta R.T.: -0.011 min
Response: 714906
Conc: 14.07 ng/ml



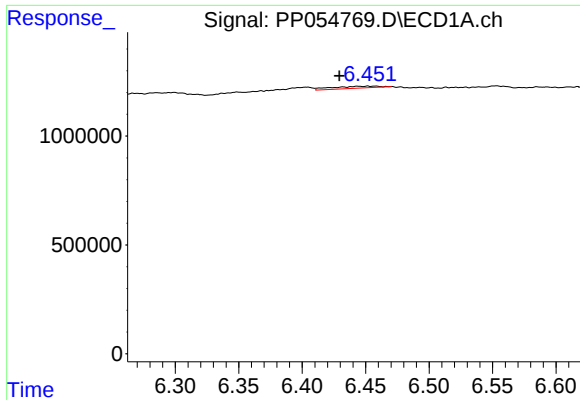
#24 AR-1248-4

R.T.: 6.403 min
Delta R.T.: 0.012 min
Response: 341457
Conc: 5.11 ng/ml



#24 AR-1248-4

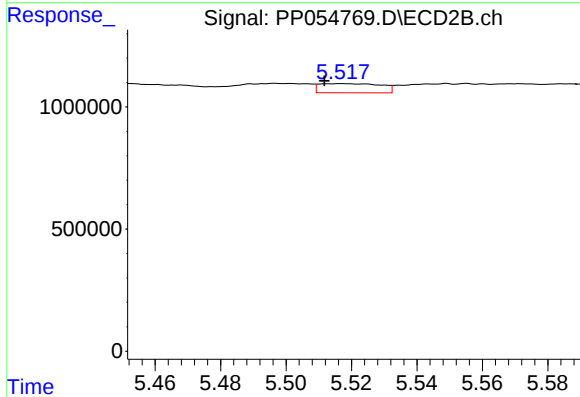
R.T.: 0.000 min
Exp R.T.: 5.118 min
Response: 0
Conc: N.D.



#25 AR-1248-5

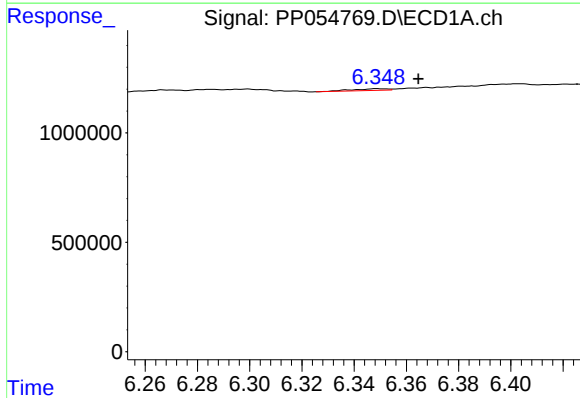
R.T.: 6.444 min
Delta R.T.: 0.015 min
Response: 249685
Conc: 3.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



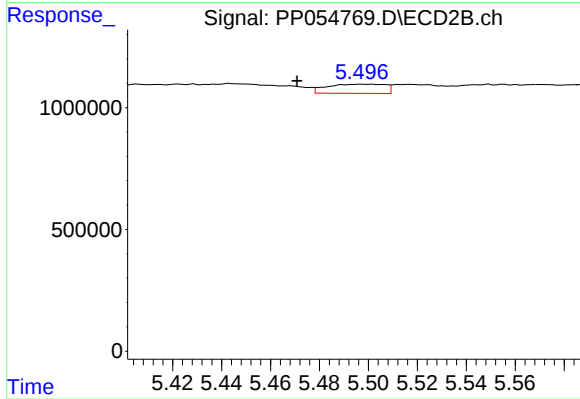
#25 AR-1248-5

R.T.: 5.517 min
Delta R.T.: 0.005 min
Response: 488912
Conc: 9.62 ng/ml



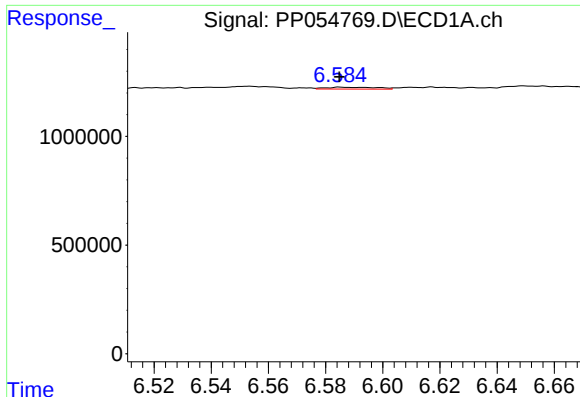
#26 AR-1254-1

R.T.: 6.349 min
Delta R.T.: -0.016 min
Response: 77366
Conc: 1.09 ng/ml



#26 AR-1254-1

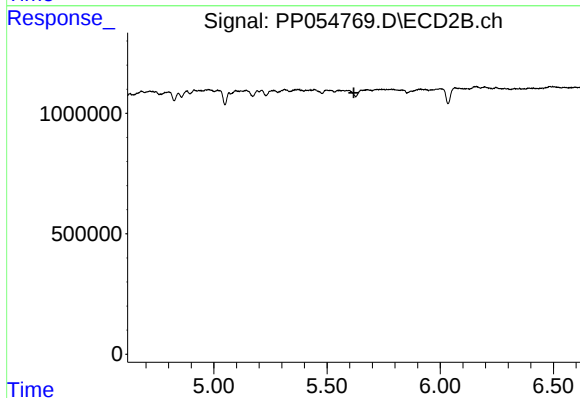
R.T.: 5.497 min
Delta R.T.: 0.026 min
Response: 619884
Conc: 7.29 ng/ml



#27 AR-1254-2

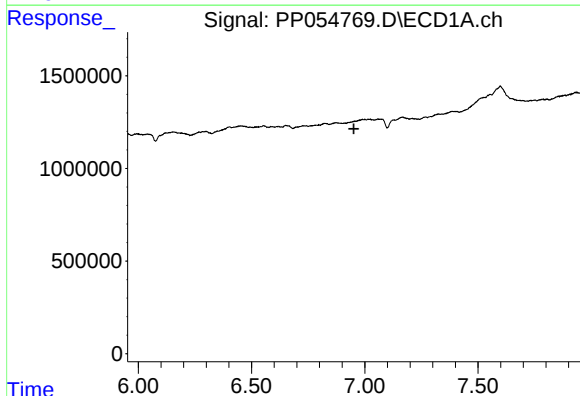
R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 104409
Conc: 1.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



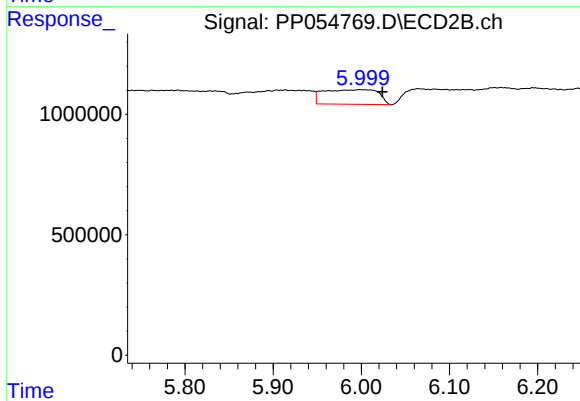
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.619 min
Response: 0
Conc: N.D.



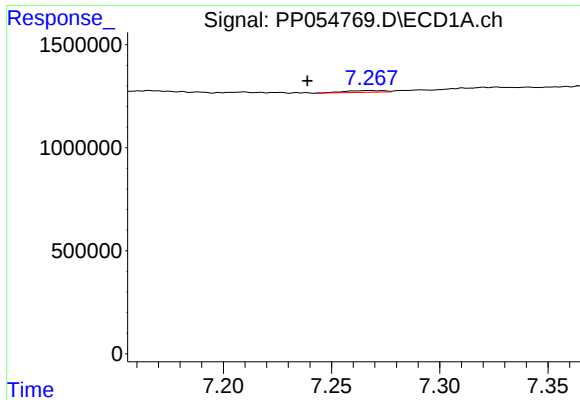
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 6.952 min
Response: 0
Conc: N.D.



#28 AR-1254-3

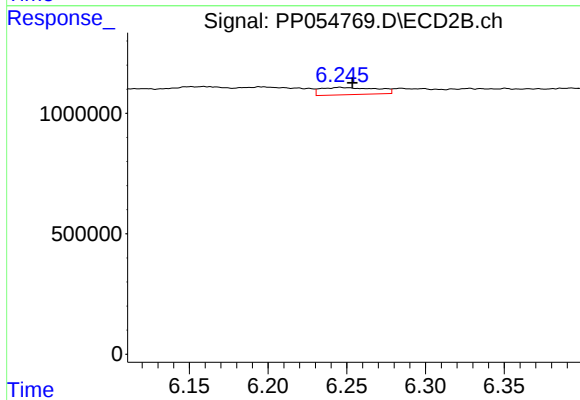
R.T.: 5.998 min
Delta R.T.: -0.025 min
Response: 2608490
Conc: 23.05 ng/ml



#29 AR-1254-4

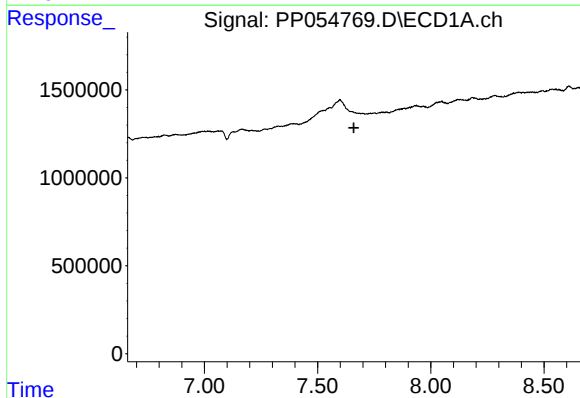
R.T.: 7.267 min
Delta R.T.: 0.029 min
Response: 113882
Conc: 1.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



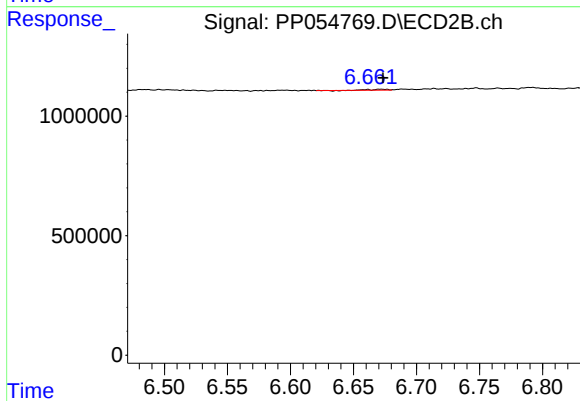
#29 AR-1254-4

R.T.: 6.245 min
Delta R.T.: -0.008 min
Response: 737073
Conc: 11.84 ng/ml



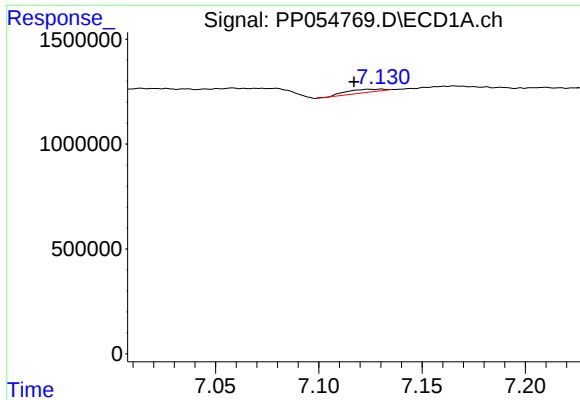
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.660 min
Response: 0
Conc: N.D.



#30 AR-1254-5

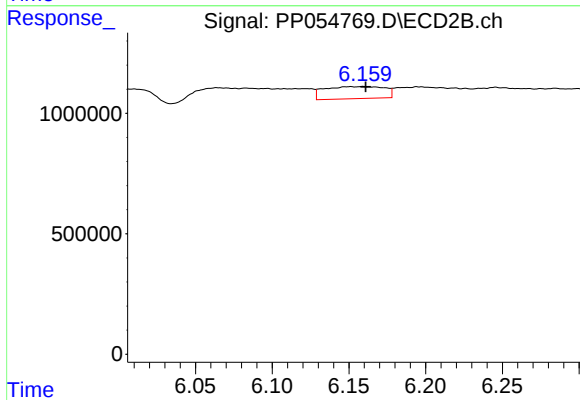
R.T.: 6.661 min
Delta R.T.: -0.012 min
Response: 30590
Conc: 0.32 ng/ml



#31 AR-1260-1

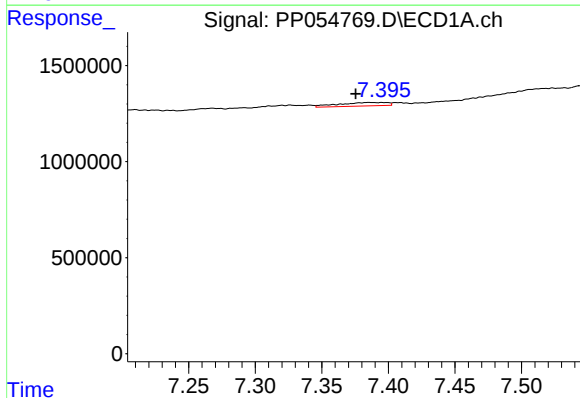
R.T.: 7.130 min
Delta R.T.: 0.013 min
Response: 192319
Conc: 2.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



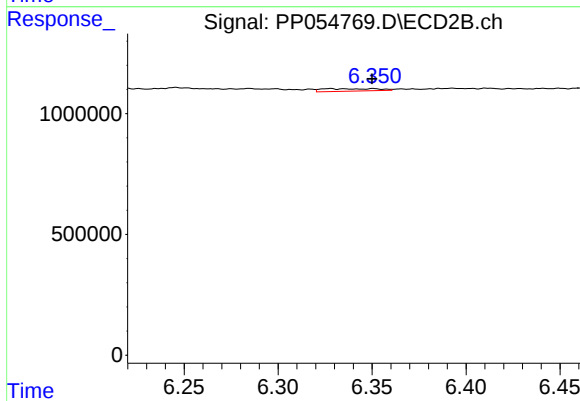
#31 AR-1260-1

R.T.: 6.159 min
Delta R.T.: -0.002 min
Response: 1371554
Conc: 16.52 ng/ml



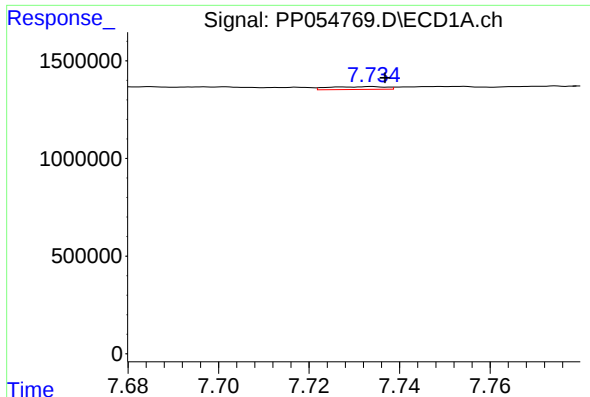
#32 AR-1260-2

R.T.: 7.385 min
Delta R.T.: 0.010 min
Response: 465738
Conc: 5.82 ng/ml



#32 AR-1260-2

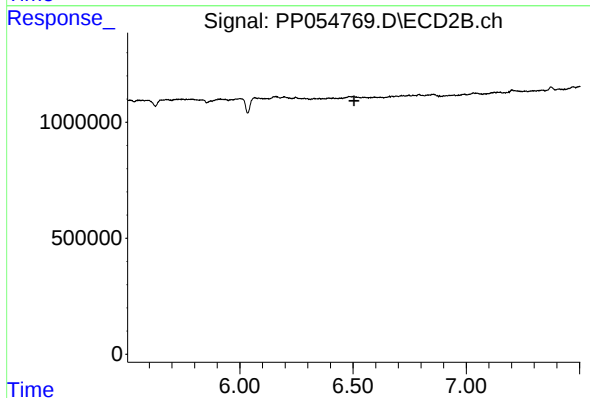
R.T.: 6.328 min
Delta R.T.: -0.022 min
Response: 211459
Conc: 2.30 ng/ml



#33 AR-1260-3

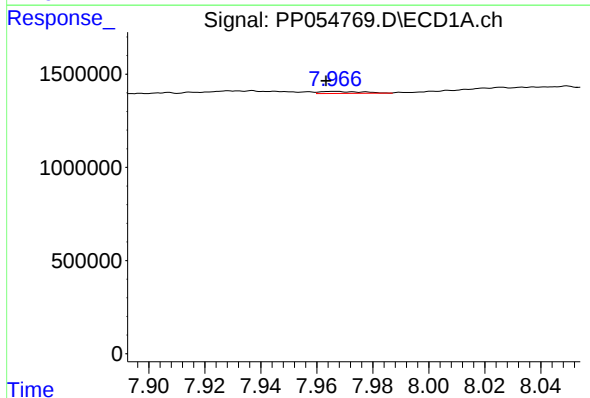
R.T.: 7.734 min
Delta R.T.: -0.003 min
Response: 126446
Conc: 2.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



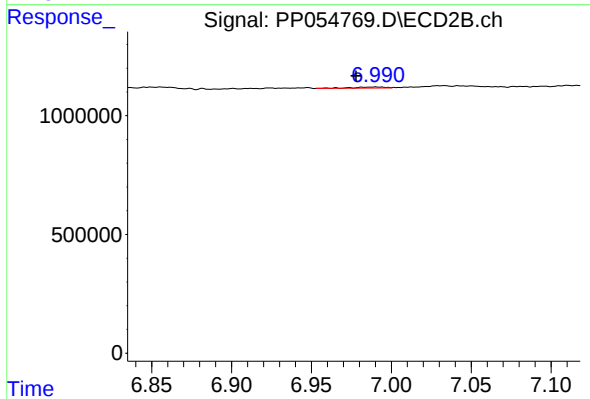
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.504 min
Response: 0
Conc: N.D.



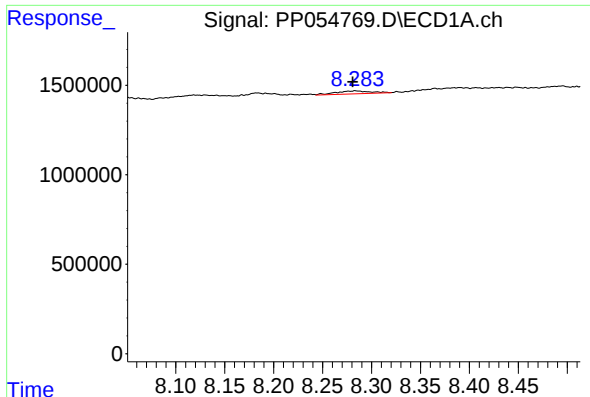
#34 AR-1260-4

R.T.: 7.966 min
Delta R.T.: 0.003 min
Response: 111051
Conc: 1.59 ng/ml



#34 AR-1260-4

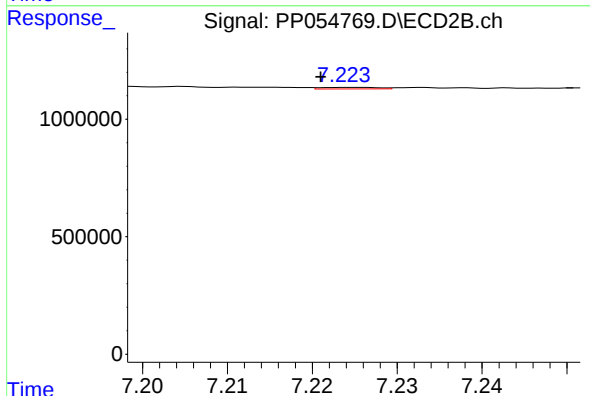
R.T.: 6.991 min
Delta R.T.: 0.013 min
Response: 54834
Conc: 0.73 ng/ml



#35 AR-1260-5

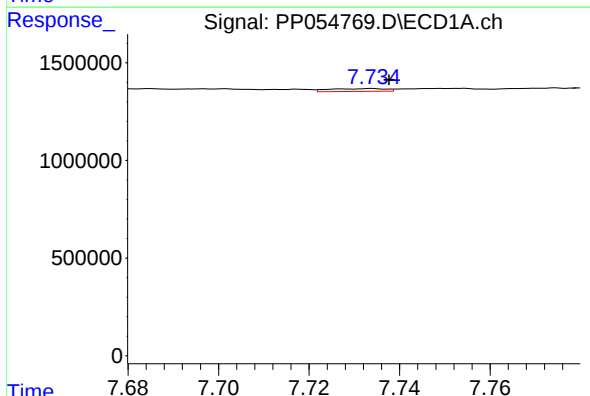
R.T.: 8.284 min
Delta R.T.: 0.003 min
Response: 404432
Conc: 3.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



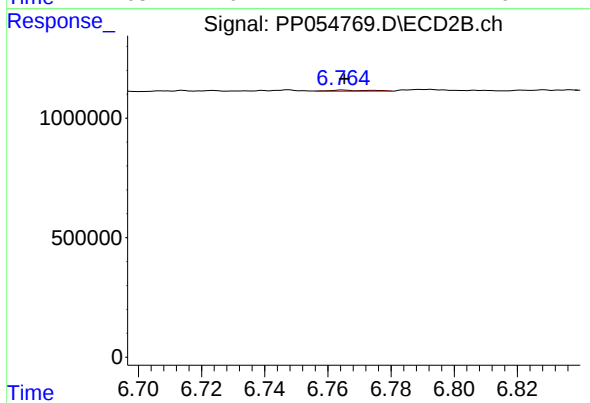
#35 AR-1260-5

R.T.: 7.225 min
Delta R.T.: 0.004 min
Response: 30482
Conc: 0.19 ng/ml



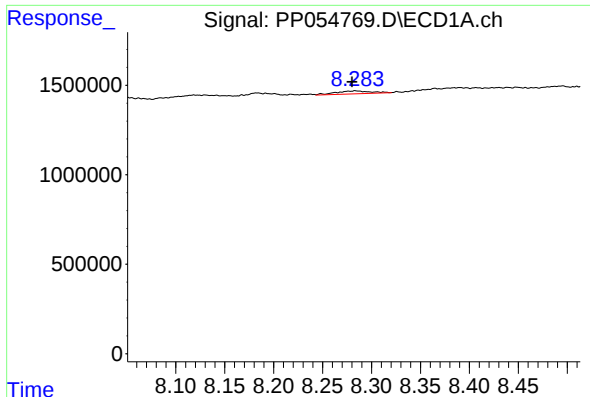
#36 AR-1262-1

R.T.: 7.734 min
Delta R.T.: -0.004 min
Response: 126446
Conc: 1.54 ng/ml



#36 AR-1262-1

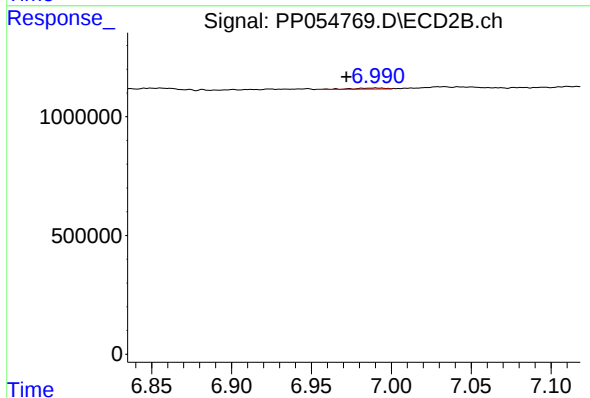
R.T.: 6.765 min
Delta R.T.: 0.000 min
Response: 44974
Conc: 1.06 ng/ml



#37 AR-1262-2

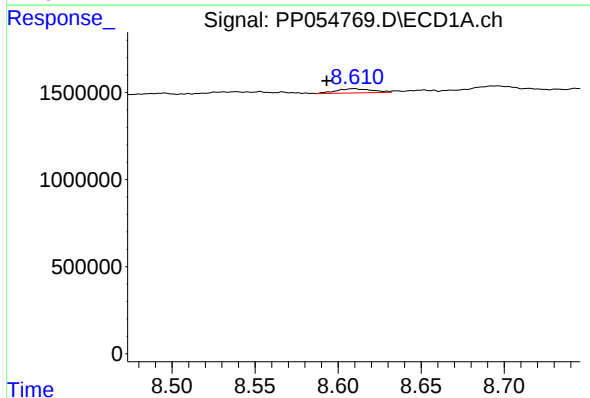
R.T.: 8.284 min
Delta R.T.: 0.004 min
Response: 404432
Conc: 2.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



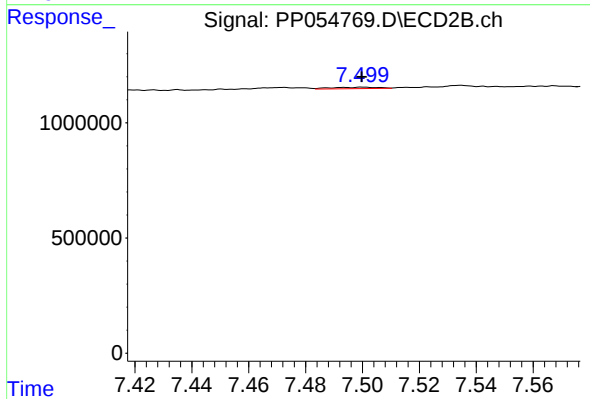
#37 AR-1262-2

R.T.: 6.991 min
Delta R.T.: 0.019 min
Response: 54834
Conc: 0.60 ng/ml



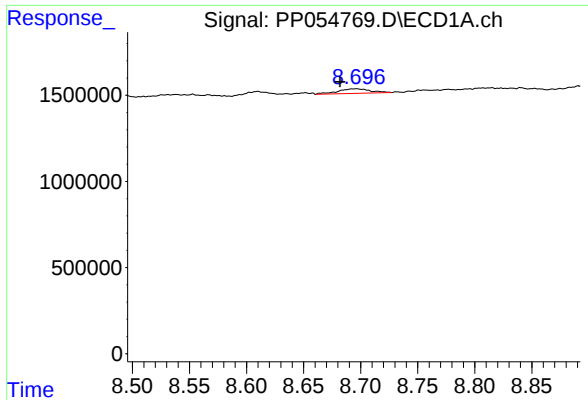
#38 AR-1262-3

R.T.: 8.610 min
Delta R.T.: 0.017 min
Response: 360733
Conc: 3.50 ng/ml



#38 AR-1262-3

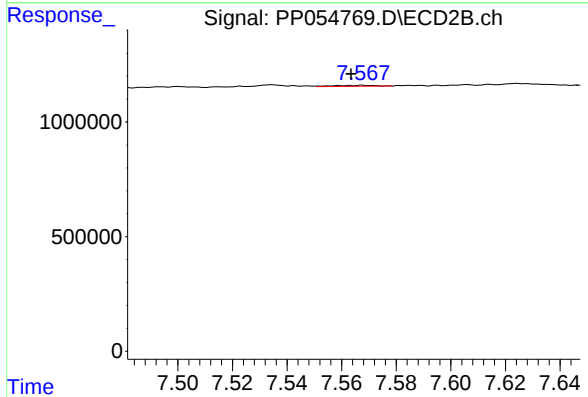
R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 72909
Conc: 1.01 ng/ml



#39 AR-1262-4

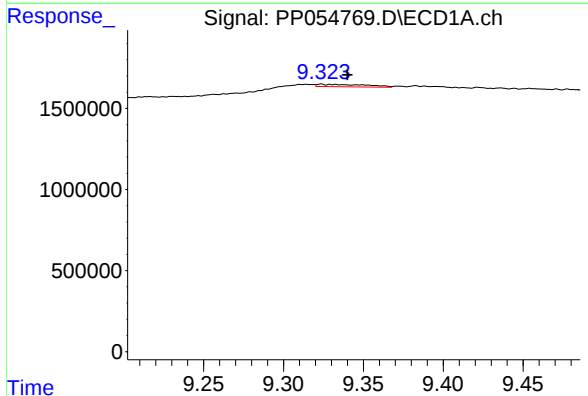
R.T.: 8.696 min
Delta R.T.: 0.014 min
Response: 524508
Conc: 10.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



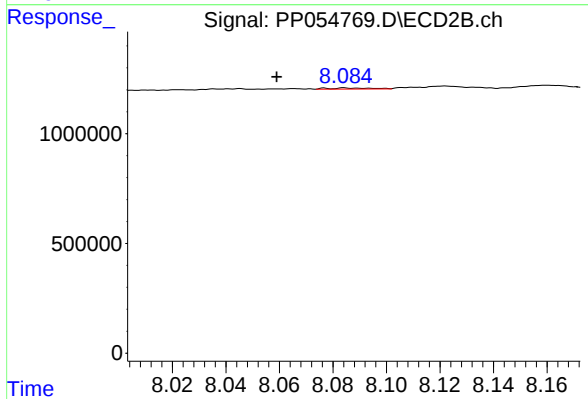
#39 AR-1262-4

R.T.: 7.568 min
Delta R.T.: 0.004 min
Response: 42089
Conc: 0.33 ng/ml



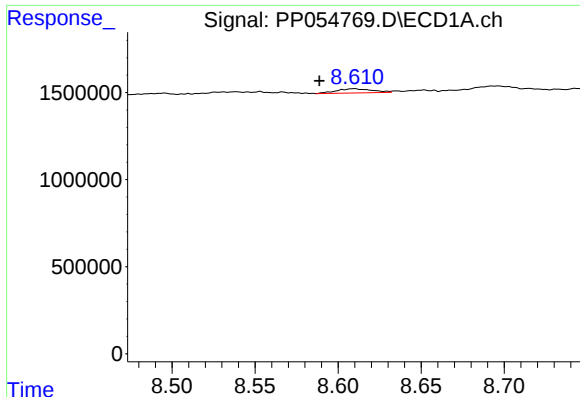
#40 AR-1262-5

R.T.: 9.323 min
Delta R.T.: -0.017 min
Response: 317426
Conc: 5.57 ng/ml



#40 AR-1262-5

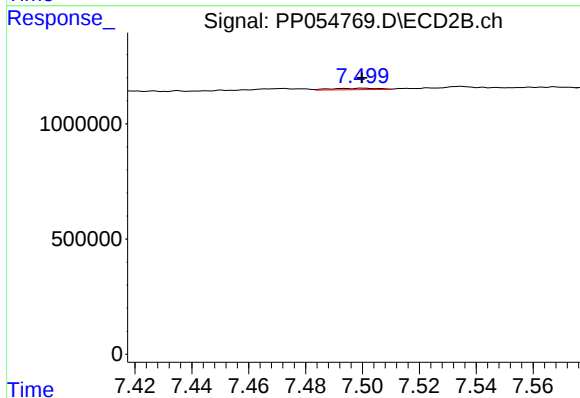
R.T.: 8.084 min
Delta R.T.: 0.025 min
Response: 53291
Conc: 0.89 ng/ml



#41 AR-1268-1

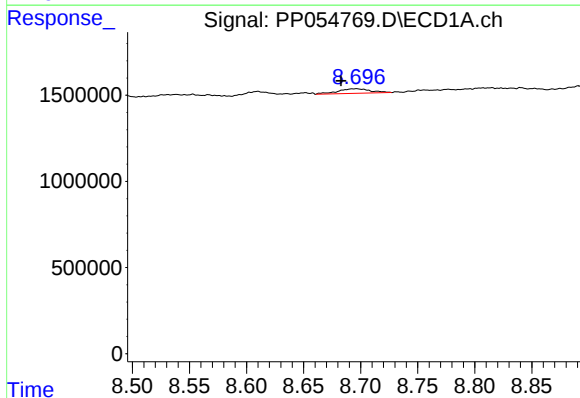
R.T.: 8.610 min
Delta R.T.: 0.021 min
Response: 360733
Conc: 1.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



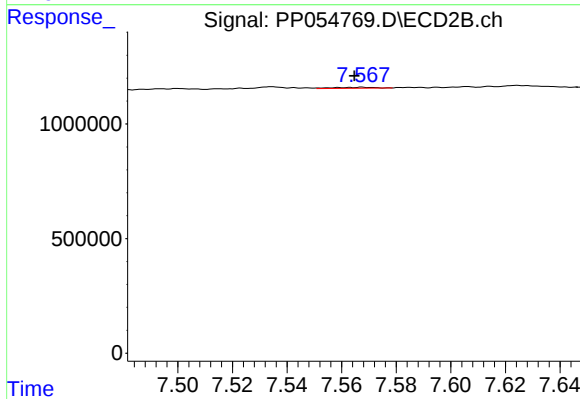
#41 AR-1268-1

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 72909
Conc: 0.34 ng/ml



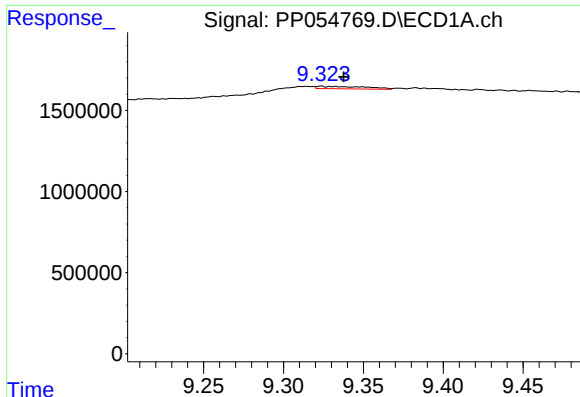
#42 AR-1268-2

R.T.: 8.696 min
Delta R.T.: 0.014 min
Response: 524508
Conc: 3.09 ng/ml



#42 AR-1268-2

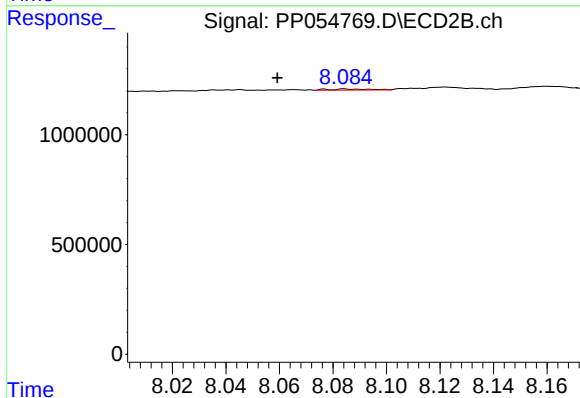
R.T.: 7.568 min
Delta R.T.: 0.003 min
Response: 42089
Conc: 0.21 ng/ml



#44 AR-1268-4

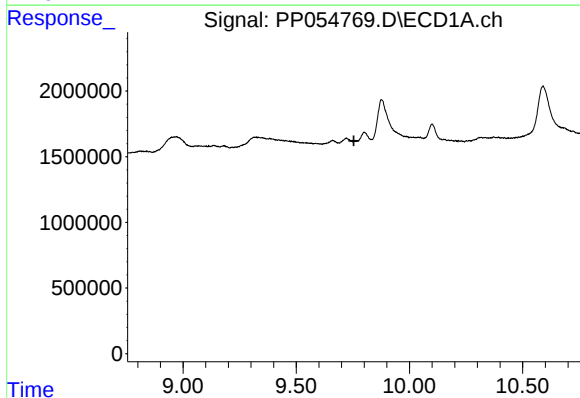
R.T.: 9.323 min
Delta R.T.: -0.014 min
Response: 317426
Conc: 4.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



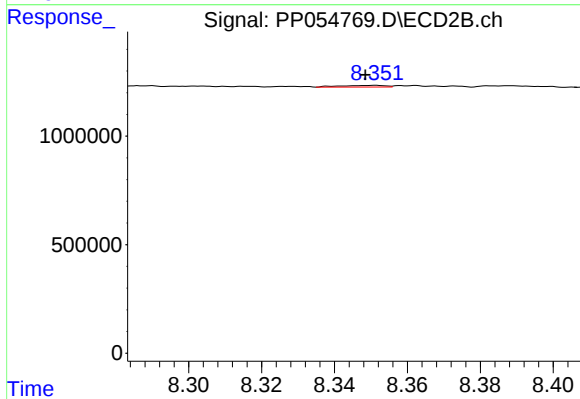
#44 AR-1268-4

R.T.: 8.084 min
Delta R.T.: 0.025 min
Response: 53291
Conc: 0.79 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.754 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: 0.002 min
Response: 64181
Conc: 0.12 ng/ml