

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP051425\
 Data File : PP072086.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 07:05
 Operator : YP\AJ
 Sample : Q2023-01
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 HEATER-PAD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 07:37:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 23 05:02:06 2025
 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...	4.504	3.802	43439567	33030732	21.910	23.449
2)	SA Decachlor...	10.213	8.826	32583081	20783885	22.502	23.697
Target Compounds							
3)	L1 AR-1016-1	5.669	4.895	306947	112923	4.578	2.109 #
4)	L1 AR-1016-2	5.705	4.911	404097	54949	3.937	0.720 #
5)	L1 AR-1016-3	5.736	5.121	339867	171139	5.513	4.054 #
6)	L1 AR-1016-4	5.832	5.151	470999	47958	9.182	1.391 #
7)	L1 AR-1016-5	6.180	5.328	286843	316072	5.946	7.111
8)	L2 AR-1221-1	4.708	0.000	1703840	0	70.649	N.D. #
9)	L2 AR-1221-2	4.808	4.101	702534	833421	38.993	50.322 #
10)	L2 AR-1221-3	4.889	4.174	118985	98064	2.102	2.023
11)	L3 AR-1232-1	4.889	4.174	118985	98064	2.649	2.559
12)	L3 AR-1232-2	5.405	4.911	124965	54949	5.430	1.439 #
13)	L3 AR-1232-3	5.705	5.121	404097	171139	8.558	8.082
14)	L3 AR-1232-4	5.832	5.169	470999	108852	20.320	5.871 #
15)	L3 AR-1232-5	5.947	5.328	535642	316072	33.175	15.882 #
16)	L4 AR-1242-1	5.669	4.895	306947	112923	5.604	2.442 #
17)	L4 AR-1242-2	5.705	4.911	404097	54949	4.755	0.832 #
18)	L4 AR-1242-3	5.736	5.121	339867	171139	6.648	4.695 #
19)	L4 AR-1242-4	5.832	5.169	470999	108852	11.159	3.048 #
20)	L4 AR-1242-5	6.604	5.717	778564	443991	16.819	10.205 #
21)	L5 AR-1248-1	5.669	4.895	306947	112923	7.148	3.127 #
22)	L5 AR-1248-2	5.947	5.151	535642	47958	8.863	0.979 #
23)	L5 AR-1248-3	6.180f	5.169	286843	108852	4.295	2.131 #
24)	L5 AR-1248-4	6.543	5.328	751180	316072	8.878	5.211 #
25)	L5 AR-1248-5	6.604	5.717	778564	443991	9.800	7.617
26)	L6 AR-1254-1	6.512	5.717	589375	443991	7.192	4.858 #
27)	L6 AR-1254-2	6.719	5.835	489085	417320	3.849	5.302 #
28)	L6 AR-1254-3	7.088	6.241	412205	453816	3.226	3.829
29)	L6 AR-1254-4	0.000	6.477	0	394127	N.D.	5.108 #
30)	L6 AR-1254-5	7.793	6.885	425003	136728	3.945	1.348 #
31)	L7 AR-1260-1	7.250	6.378	165613	29590	1.725	0.409 #
32)	L7 AR-1260-2	7.479f	6.551	371681	201252	2.598	2.301
33)	L7 AR-1260-3	7.935f	6.710	1259753	160783	11.237	2.051 #
34)	L7 AR-1260-4	8.072	7.220	2065317	221523	18.299	3.510 #
35)	L7 AR-1260-5	8.401	7.480f	4182796	119918	18.461	0.795 #
36)	L8 AR-1262-1	8.072	6.949	2065317	43910	14.294	0.386 #
37)	L8 AR-1262-2	8.401	7.220	4182796	221523	15.255	2.399 #
38)	L8 AR-1262-3	8.747	7.728	7653912	66244	41.853	0.875 #
39)	L8 AR-1262-4	8.842	7.775	4655386	56868	34.687	0.456 #
40)	L8 AR-1262-5	9.451	8.327f	305115	51917	3.461	0.936 #
41)	L9 AR-1268-1	8.747	7.728	7653912	66244	24.636	0.332 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP051425\
Data File : PP072086.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 07:05
Operator : YP\AJ
Sample : Q2023-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

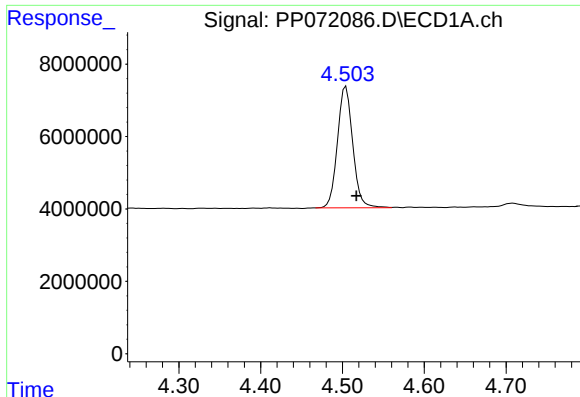
Instrument :
ECD_P
ClientSampleId :
HEATER-PAD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 07:37:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
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
42)	L9 AR-1268-2	8.842	7.797	4655386	72530	18.062	0.429 #
43)	L9 AR-1268-3	9.068	7.970	314667	52392	1.412	0.377 #
44)	L9 AR-1268-4	9.451	8.327f	305115	51917	3.244	0.854 #
45)	L9 AR-1268-5	9.901	8.566	691157	234314	1.155	0.628 #

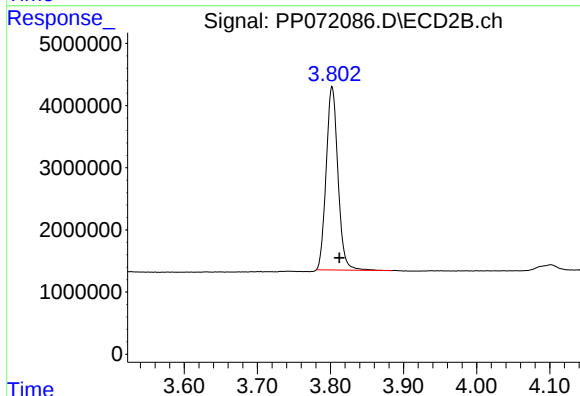
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

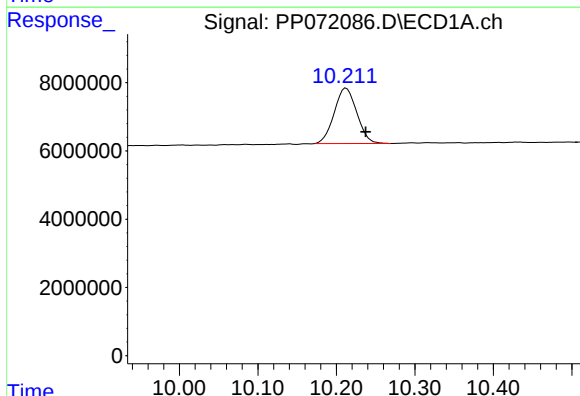
R.T.: 4.504 min
Delta R.T.: -0.013 min
Response: 43439567
Conc: 21.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEATER-PAD



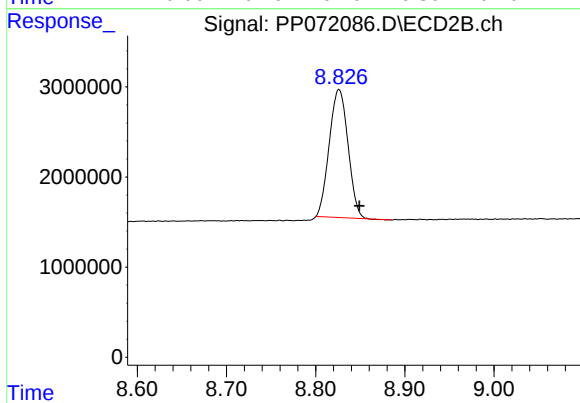
#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: -0.010 min
Response: 33030732
Conc: 23.45 ng/ml



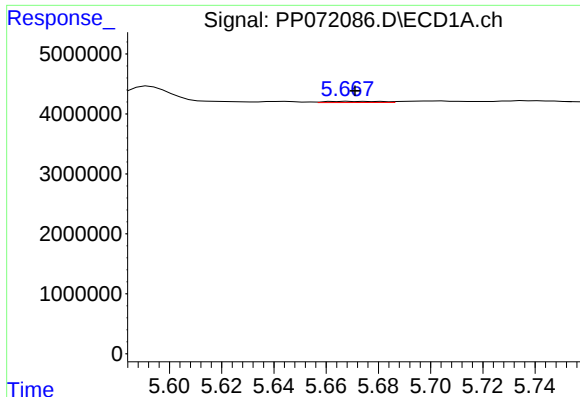
#2 Decachlorobiphenyl

R.T.: 10.213 min
Delta R.T.: -0.025 min
Response: 32583081
Conc: 22.50 ng/ml



#2 Decachlorobiphenyl

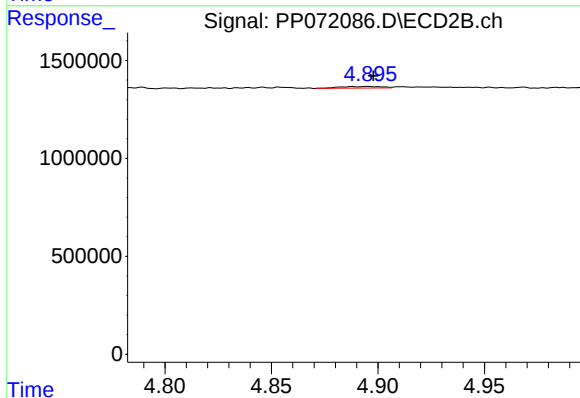
R.T.: 8.826 min
Delta R.T.: -0.023 min
Response: 20783885
Conc: 23.70 ng/ml



#3 AR-1016-1

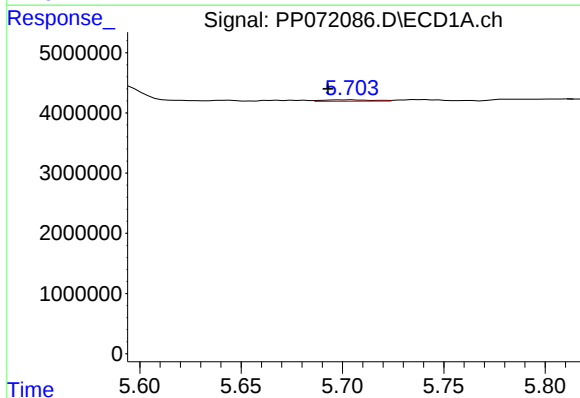
R.T.: 5.669 min
Delta R.T.: -0.002 min
Response: 306947
Conc: 4.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEATER-PAD



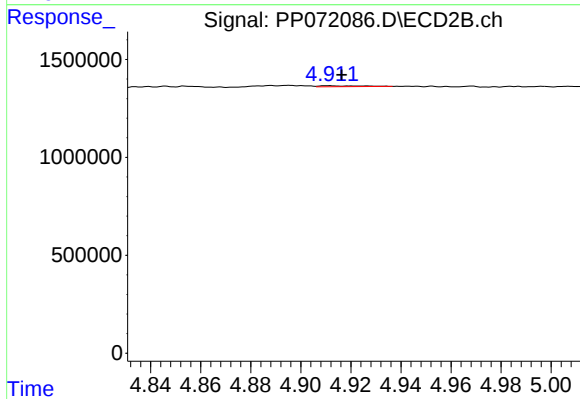
#3 AR-1016-1

R.T.: 4.895 min
Delta R.T.: -0.003 min
Response: 112923
Conc: 2.11 ng/ml



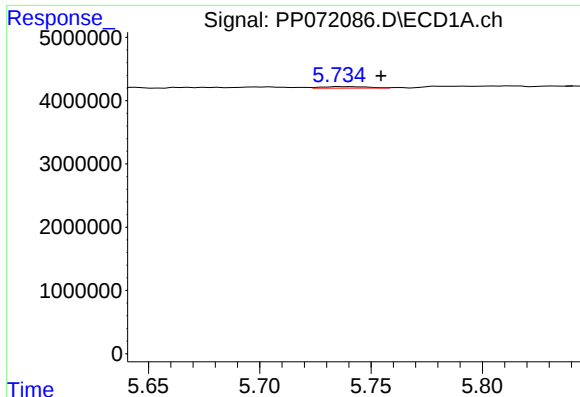
#4 AR-1016-2

R.T.: 5.705 min
Delta R.T.: 0.012 min
Response: 404097
Conc: 3.94 ng/ml



#4 AR-1016-2

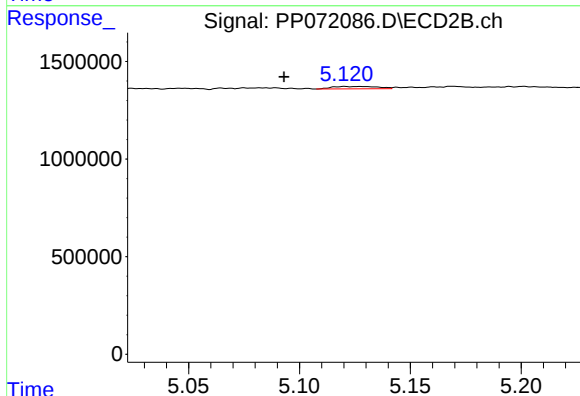
R.T.: 4.911 min
Delta R.T.: -0.005 min
Response: 54949
Conc: 0.72 ng/ml



#5 AR-1016-3

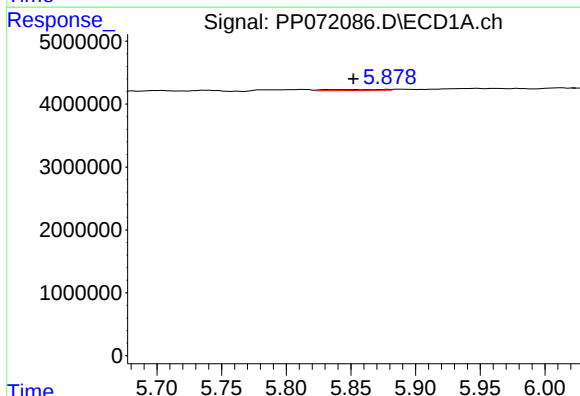
R.T.: 5.736 min
Delta R.T.: -0.018 min
Response: 339867
Conc: 5.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEATER-PAD



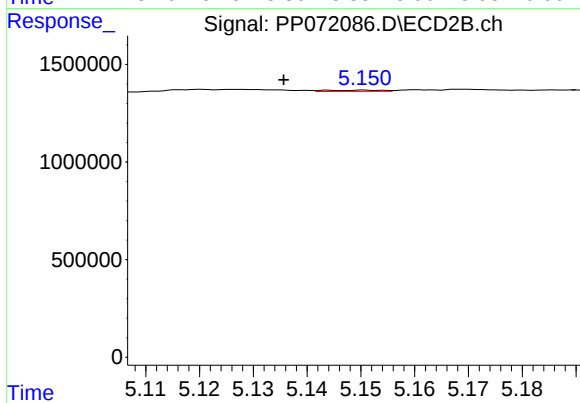
#5 AR-1016-3

R.T.: 5.121 min
Delta R.T.: 0.028 min
Response: 171139
Conc: 4.05 ng/ml



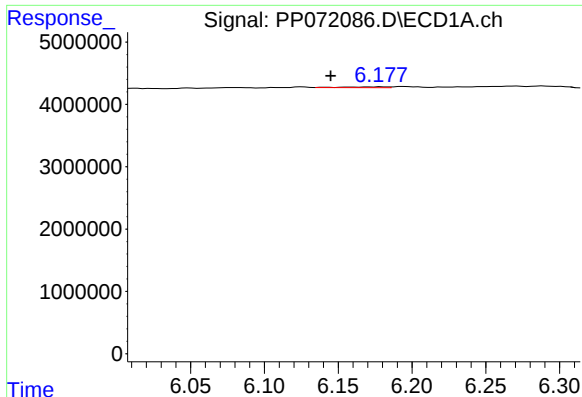
#6 AR-1016-4

R.T.: 5.832 min
Delta R.T.: -0.020 min
Response: 470999
Conc: 9.18 ng/ml



#6 AR-1016-4

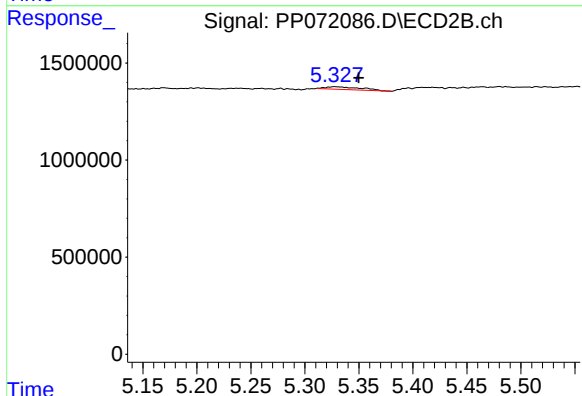
R.T.: 5.151 min
Delta R.T.: 0.015 min
Response: 47958
Conc: 1.39 ng/ml



#7 AR-1016-5

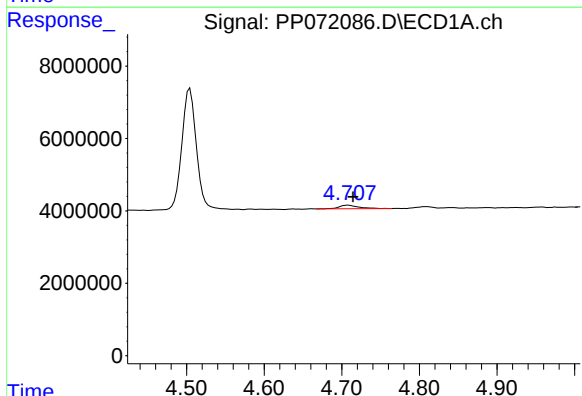
R.T.: 6.180 min
Delta R.T.: 0.035 min
Response: 286843
Conc: 5.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEATER-PAD



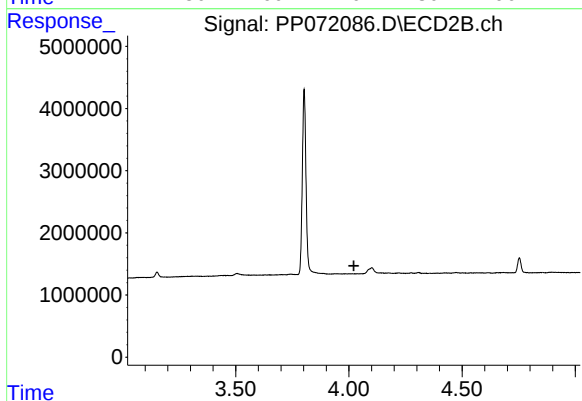
#7 AR-1016-5

R.T.: 5.328 min
Delta R.T.: -0.022 min
Response: 316072
Conc: 7.11 ng/ml



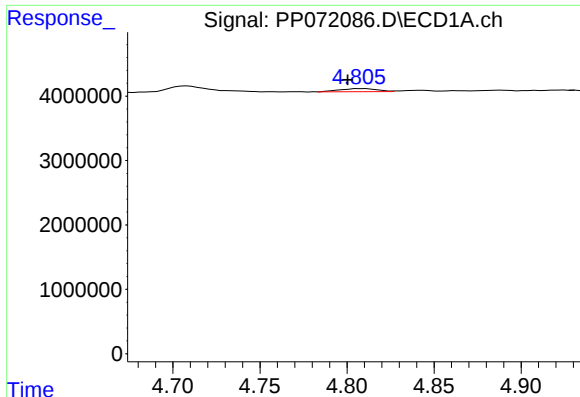
#8 AR-1221-1

R.T.: 4.708 min
Delta R.T.: -0.006 min
Response: 1703840
Conc: 70.65 ng/ml



#8 AR-1221-1

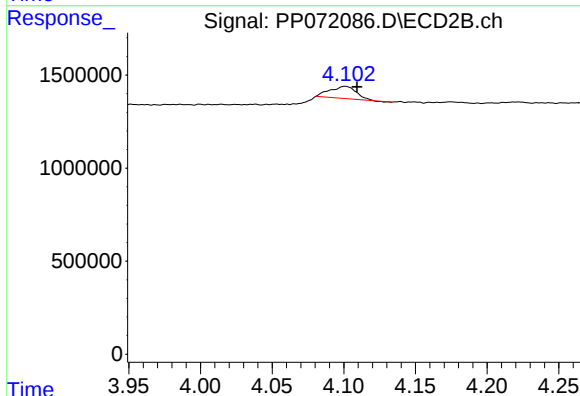
R.T.: 0.000 min
Exp R.T.: 4.022 min
Response: 0
Conc: N.D.



#9 AR-1221-2

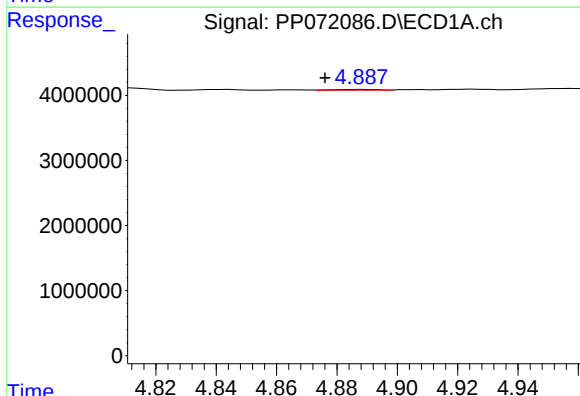
R.T.: 4.808 min
Delta R.T.: 0.007 min
Response: 702534
Conc: 38.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEATER-PAD



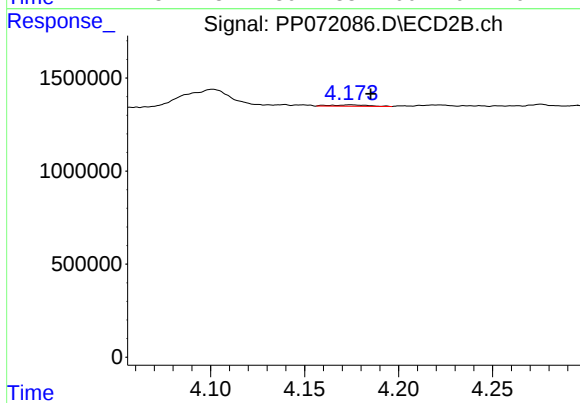
#9 AR-1221-2

R.T.: 4.101 min
Delta R.T.: -0.008 min
Response: 833421
Conc: 50.32 ng/ml



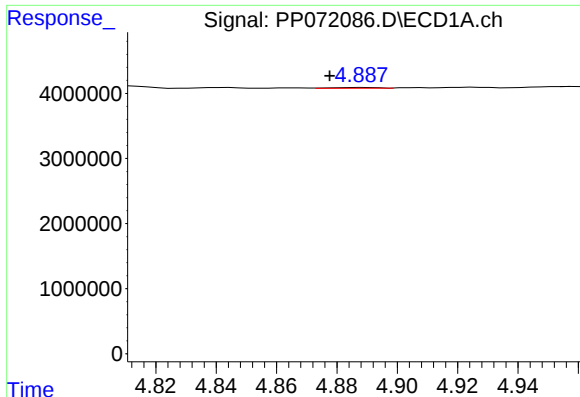
#10 AR-1221-3

R.T.: 4.889 min
Delta R.T.: 0.013 min
Response: 118985
Conc: 2.10 ng/ml



#10 AR-1221-3

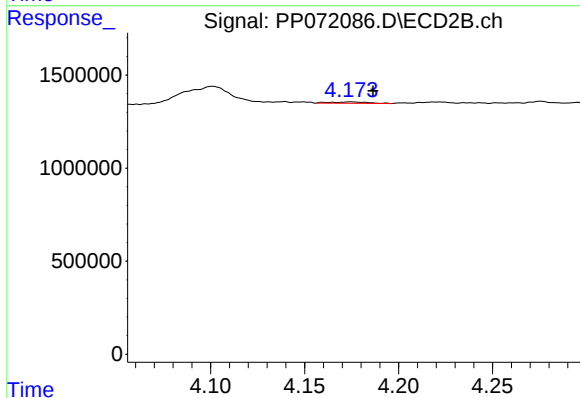
R.T.: 4.174 min
Delta R.T.: -0.011 min
Response: 98064
Conc: 2.02 ng/ml



#11 AR-1232-1

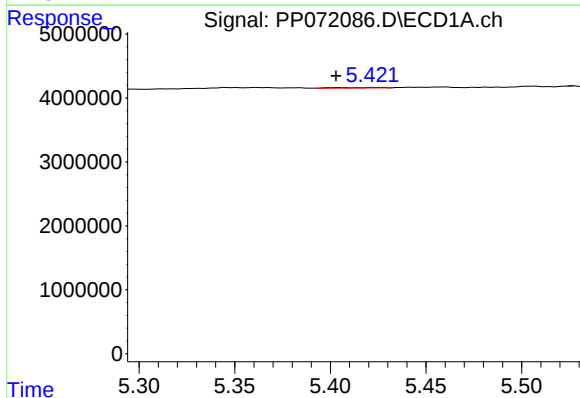
R.T.: 4.889 min
Delta R.T.: 0.011 min
Response: 118985
Conc: 2.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEATER-PAD



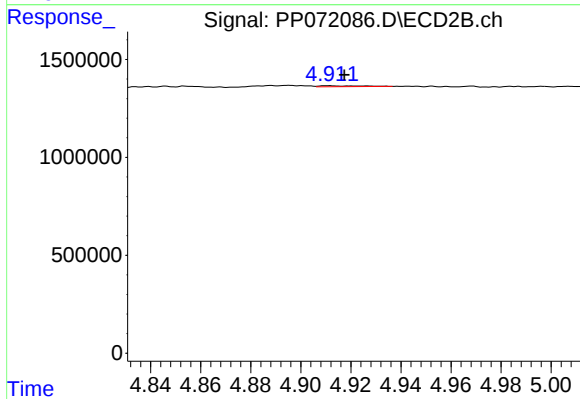
#11 AR-1232-1

R.T.: 4.174 min
Delta R.T.: -0.012 min
Response: 98064
Conc: 2.56 ng/ml



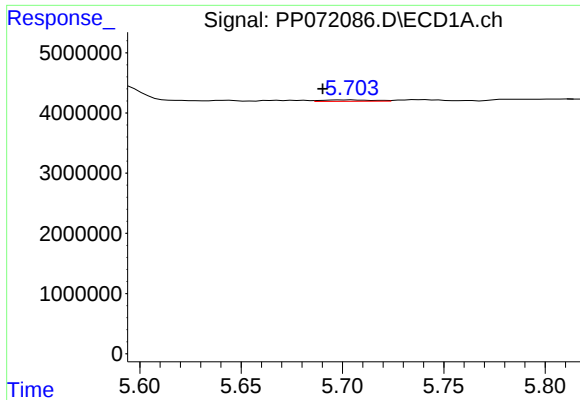
#12 AR-1232-2

R.T.: 5.405 min
Delta R.T.: 0.002 min
Response: 124965
Conc: 5.43 ng/ml



#12 AR-1232-2

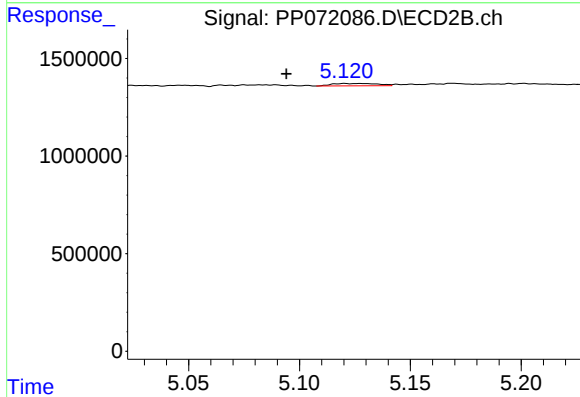
R.T.: 4.911 min
Delta R.T.: -0.006 min
Response: 54949
Conc: 1.44 ng/ml



#13 AR-1232-3

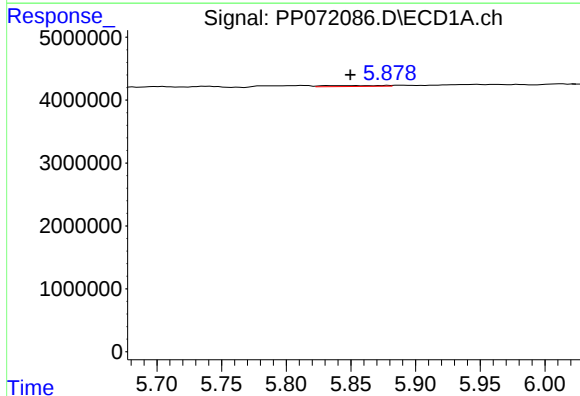
R.T.: 5.705 min
Delta R.T.: 0.015 min
Response: 404097
Conc: 8.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEATER-PAD



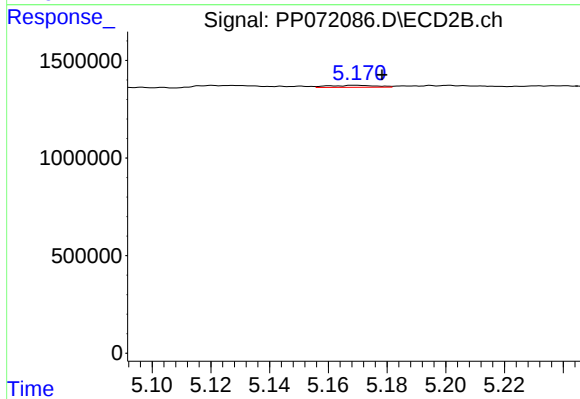
#13 AR-1232-3

R.T.: 5.121 min
Delta R.T.: 0.026 min
Response: 171139
Conc: 8.08 ng/ml



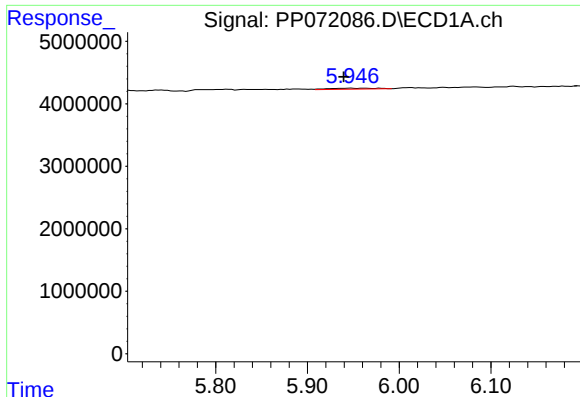
#14 AR-1232-4

R.T.: 5.832 min
Delta R.T.: -0.018 min
Response: 470999
Conc: 20.32 ng/ml



#14 AR-1232-4

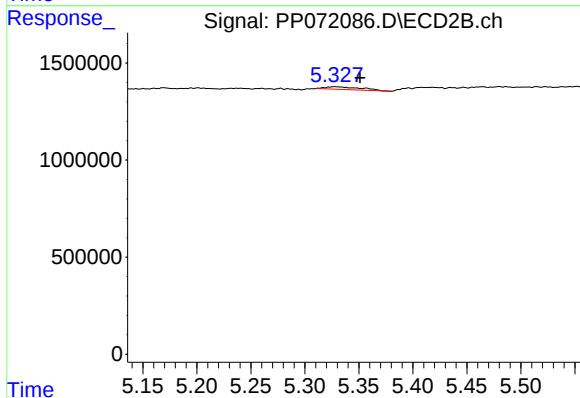
R.T.: 5.169 min
Delta R.T.: -0.009 min
Response: 108852
Conc: 5.87 ng/ml



#15 AR-1232-5

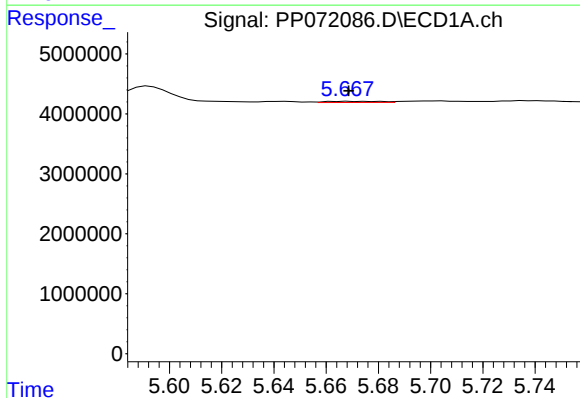
R.T.: 5.947 min
Delta R.T.: 0.007 min
Response: 535642
Conc: 33.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEATER-PAD



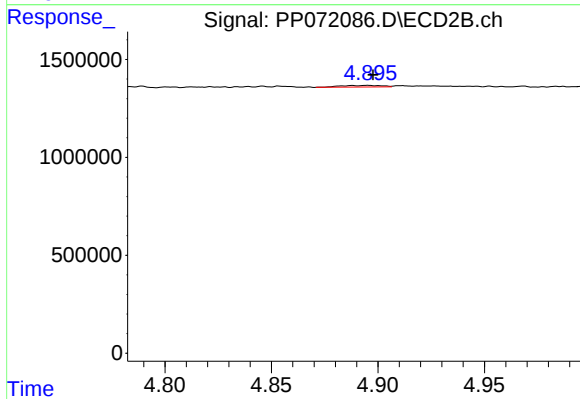
#15 AR-1232-5

R.T.: 5.328 min
Delta R.T.: -0.023 min
Response: 316072
Conc: 15.88 ng/ml



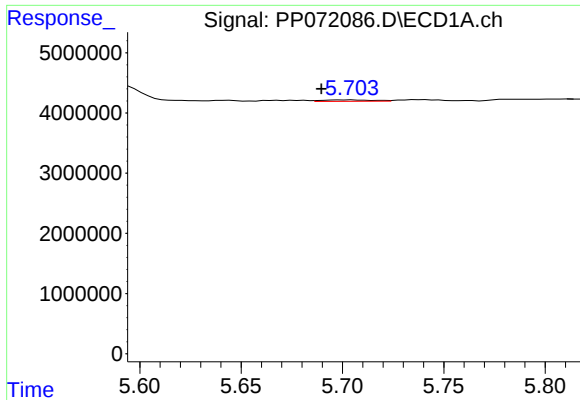
#16 AR-1242-1

R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 306947
Conc: 5.60 ng/ml



#16 AR-1242-1

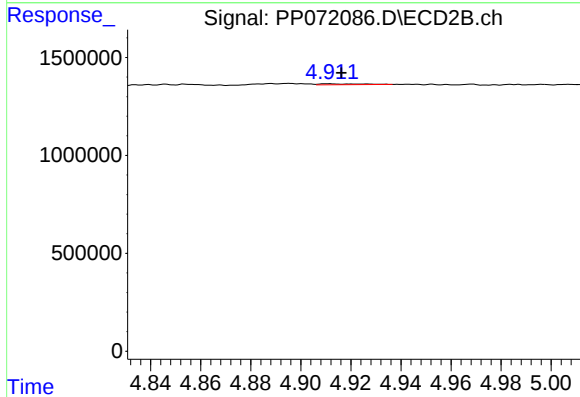
R.T.: 4.895 min
Delta R.T.: -0.002 min
Response: 112923
Conc: 2.44 ng/ml



#17 AR-1242-2

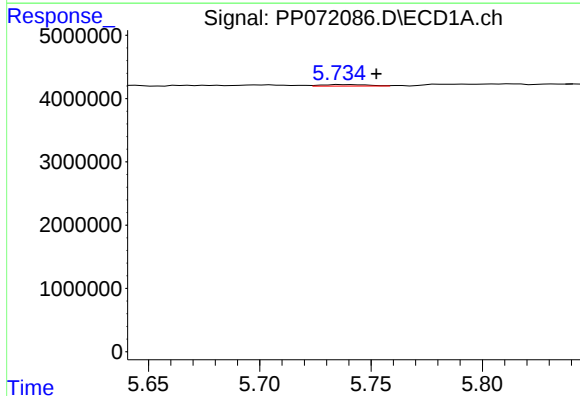
R.T.: 5.705 min
Delta R.T.: 0.015 min
Response: 404097
Conc: 4.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEATER-PAD



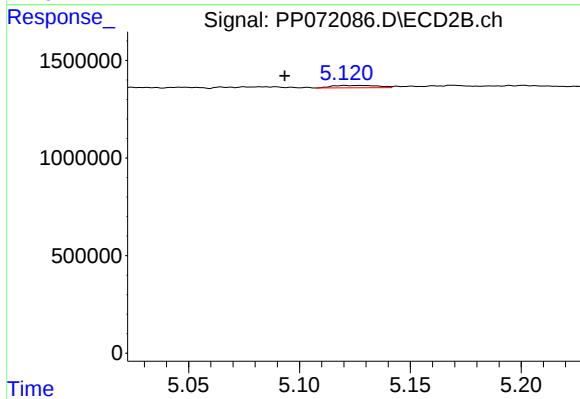
#17 AR-1242-2

R.T.: 4.911 min
Delta R.T.: -0.005 min
Response: 54949
Conc: 0.83 ng/ml



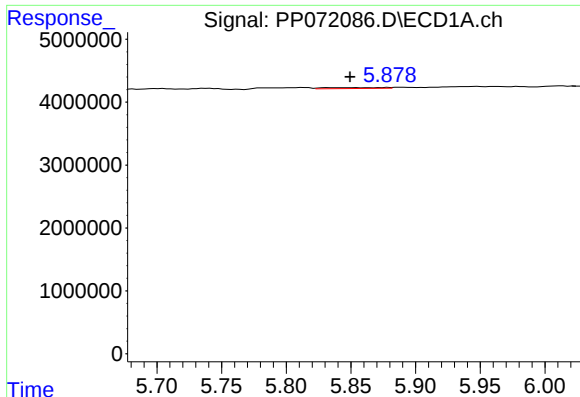
#18 AR-1242-3

R.T.: 5.736 min
Delta R.T.: -0.016 min
Response: 339867
Conc: 6.65 ng/ml



#18 AR-1242-3

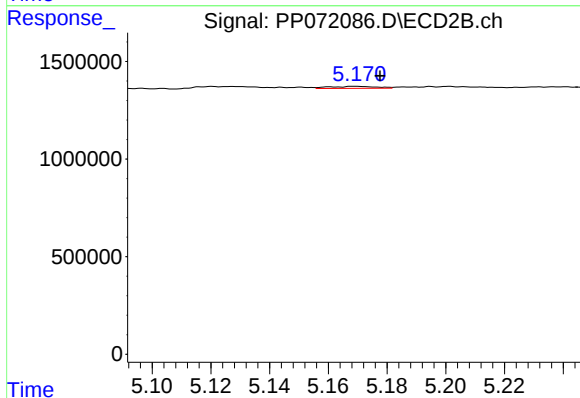
R.T.: 5.121 min
Delta R.T.: 0.027 min
Response: 171139
Conc: 4.70 ng/ml



#19 AR-1242-4

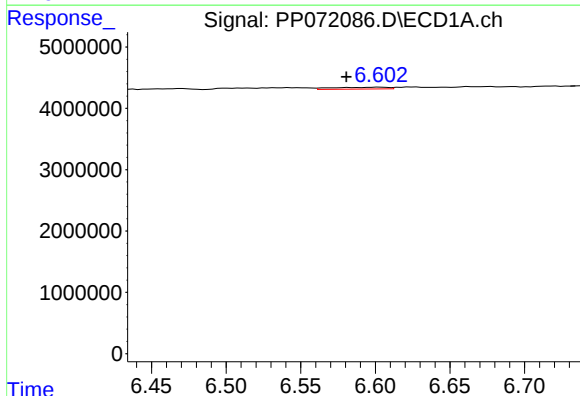
R.T.: 5.832 min
Delta R.T.: -0.017 min
Response: 470999
Conc: 11.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEATER-PAD



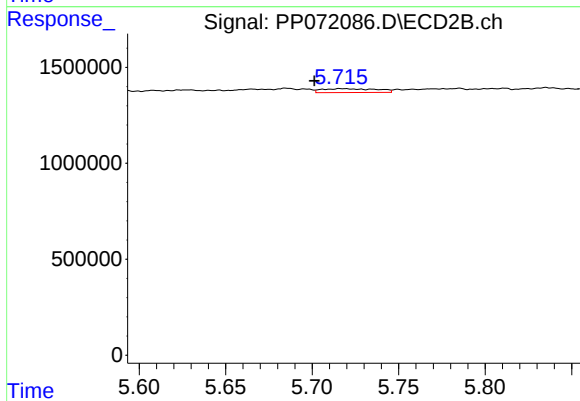
#19 AR-1242-4

R.T.: 5.169 min
Delta R.T.: -0.008 min
Response: 108852
Conc: 3.05 ng/ml



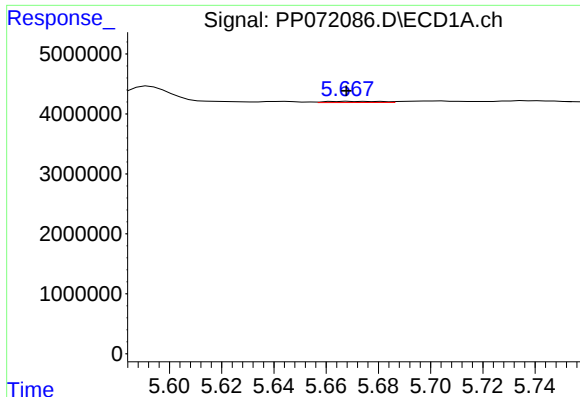
#20 AR-1242-5

R.T.: 6.604 min
Delta R.T.: 0.023 min
Response: 778564
Conc: 16.82 ng/ml



#20 AR-1242-5

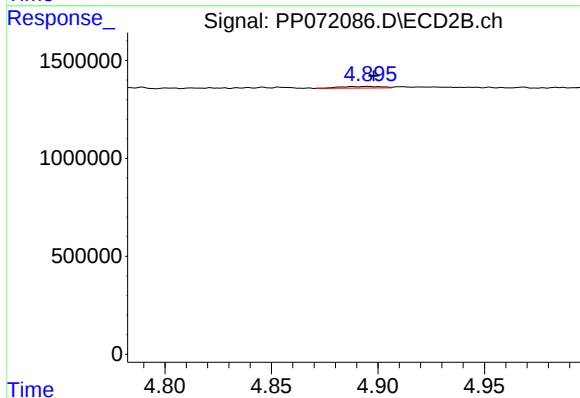
R.T.: 5.717 min
Delta R.T.: 0.016 min
Response: 443991
Conc: 10.20 ng/ml



#21 AR-1248-1

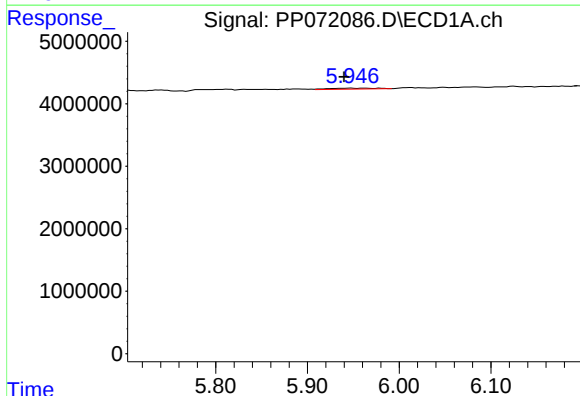
R.T.: 5.669 min
Delta R.T.: 0.001 min
Response: 306947
Conc: 7.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEATER-PAD



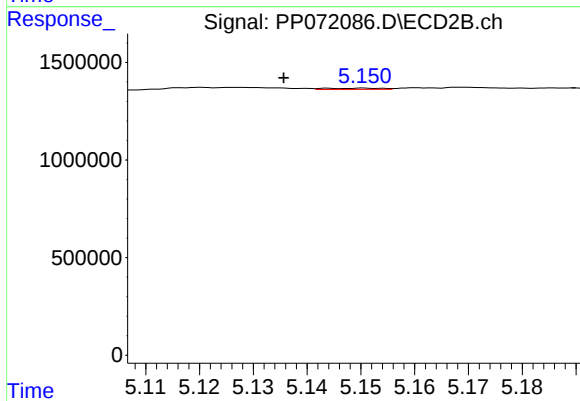
#21 AR-1248-1

R.T.: 4.895 min
Delta R.T.: -0.003 min
Response: 112923
Conc: 3.13 ng/ml



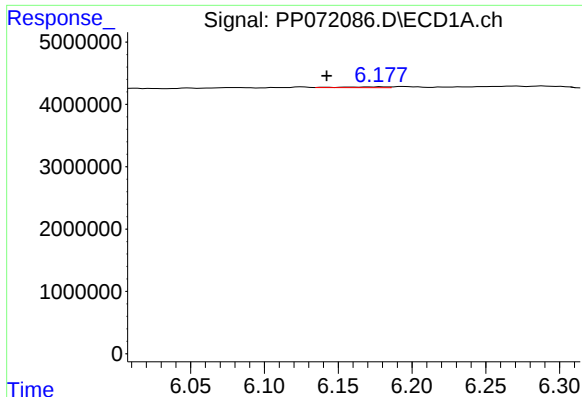
#22 AR-1248-2

R.T.: 5.947 min
Delta R.T.: 0.007 min
Response: 535642
Conc: 8.86 ng/ml



#22 AR-1248-2

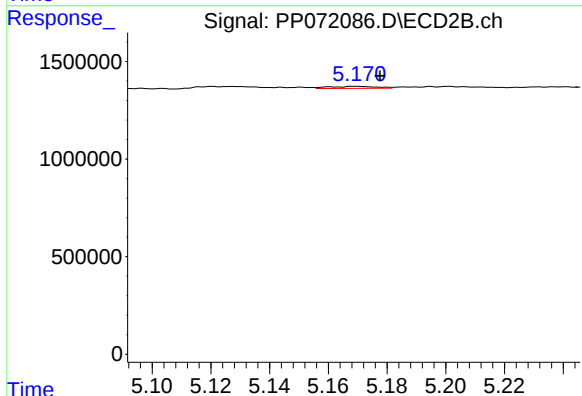
R.T.: 5.151 min
Delta R.T.: 0.015 min
Response: 47958
Conc: 0.98 ng/ml



#23 AR-1248-3

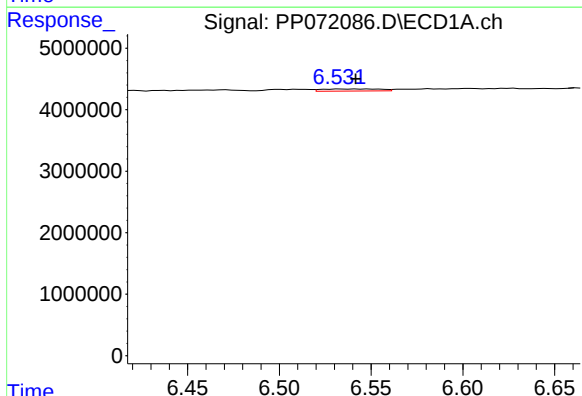
R.T.: 6.180 min
Delta R.T.: 0.037 min
Response: 286843
Conc: 4.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEATER-PAD



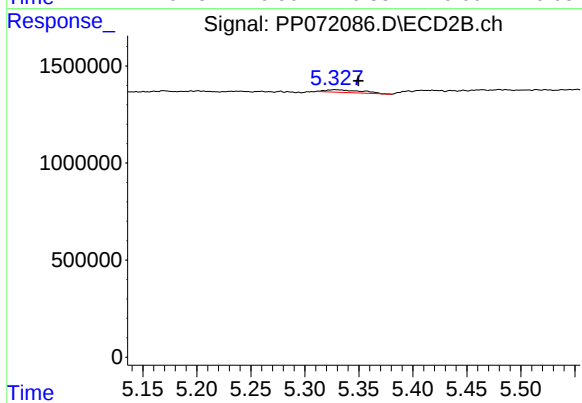
#23 AR-1248-3

R.T.: 5.169 min
Delta R.T.: -0.008 min
Response: 108852
Conc: 2.13 ng/ml



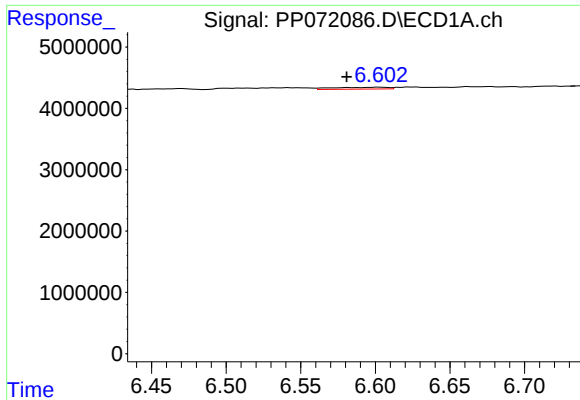
#24 AR-1248-4

R.T.: 6.543 min
Delta R.T.: 0.002 min
Response: 751180
Conc: 8.88 ng/ml



#24 AR-1248-4

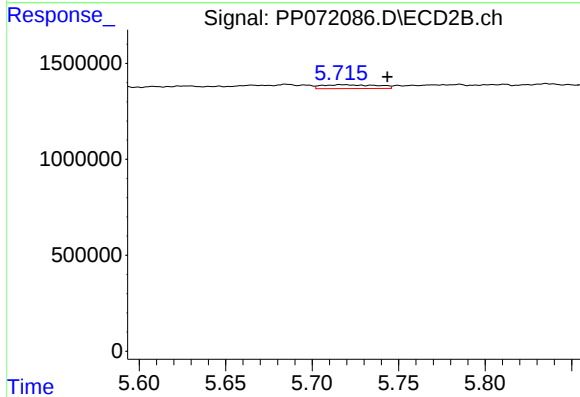
R.T.: 5.328 min
Delta R.T.: -0.022 min
Response: 316072
Conc: 5.21 ng/ml



#25 AR-1248-5

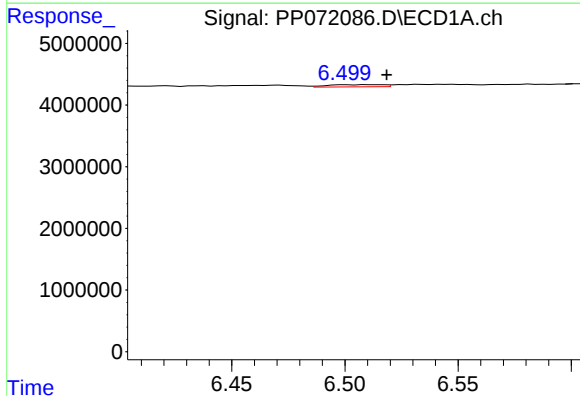
R.T.: 6.604 min
Delta R.T.: 0.023 min
Response: 778564
Conc: 9.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEATER-PAD



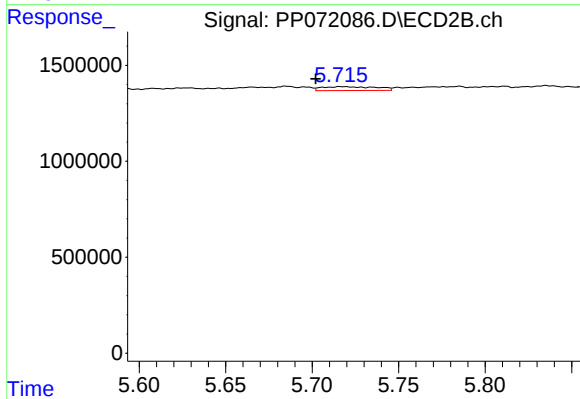
#25 AR-1248-5

R.T.: 5.717 min
Delta R.T.: -0.026 min
Response: 443991
Conc: 7.62 ng/ml



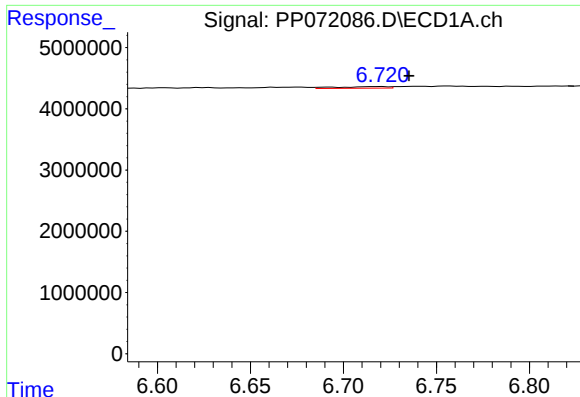
#26 AR-1254-1

R.T.: 6.512 min
Delta R.T.: -0.006 min
Response: 589375
Conc: 7.19 ng/ml



#26 AR-1254-1

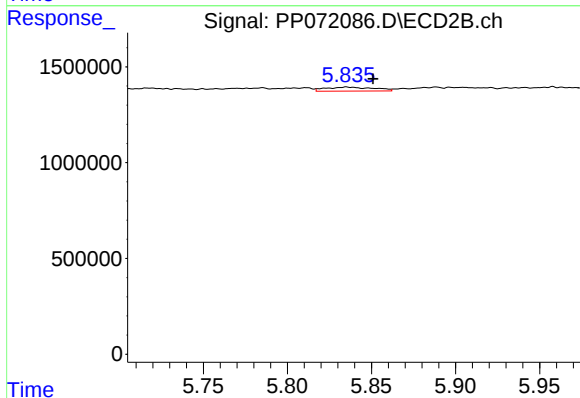
R.T.: 5.717 min
Delta R.T.: 0.015 min
Response: 443991
Conc: 4.86 ng/ml



#27 AR-1254-2

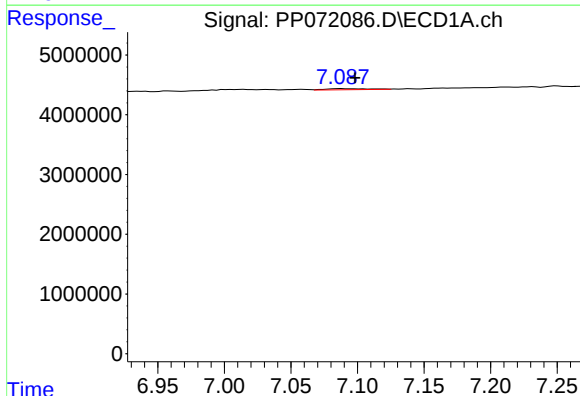
R.T.: 6.719 min
Delta R.T.: -0.016 min
Response: 489085
Conc: 3.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEATER-PAD



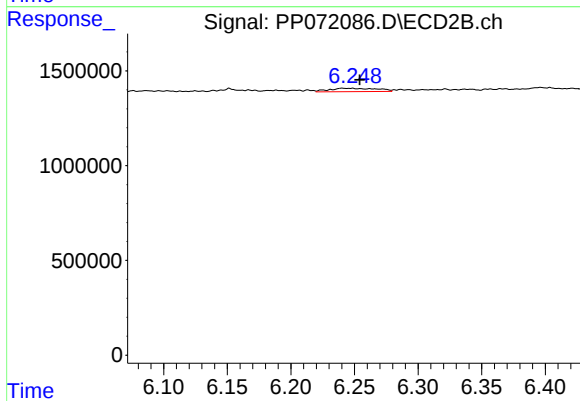
#27 AR-1254-2

R.T.: 5.835 min
Delta R.T.: -0.016 min
Response: 417320
Conc: 5.30 ng/ml



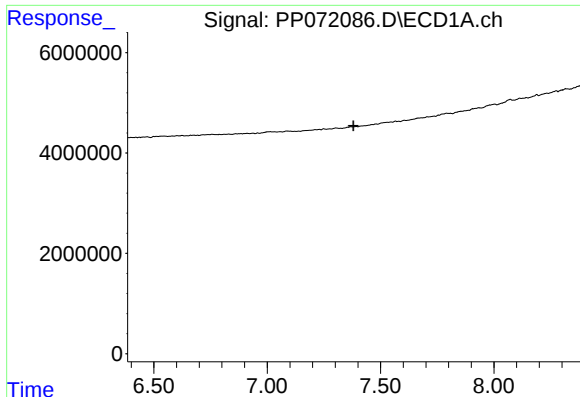
#28 AR-1254-3

R.T.: 7.088 min
Delta R.T.: -0.010 min
Response: 412205
Conc: 3.23 ng/ml



#28 AR-1254-3

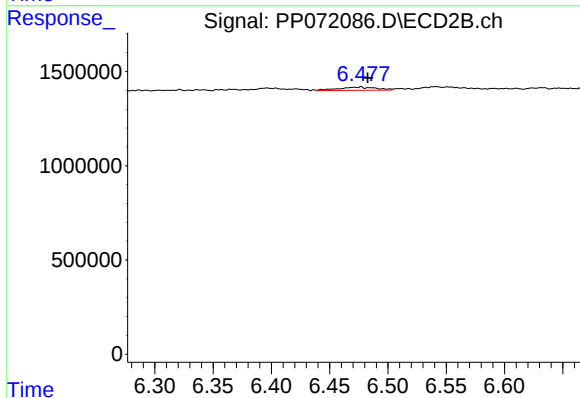
R.T.: 6.241 min
Delta R.T.: -0.013 min
Response: 453816
Conc: 3.83 ng/ml



#29 AR-1254-4

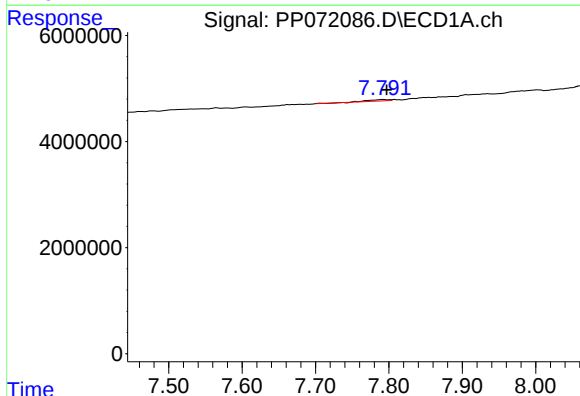
R.T.: 0.000 min
Exp R.T.: 7.381 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
HEATER-PAD



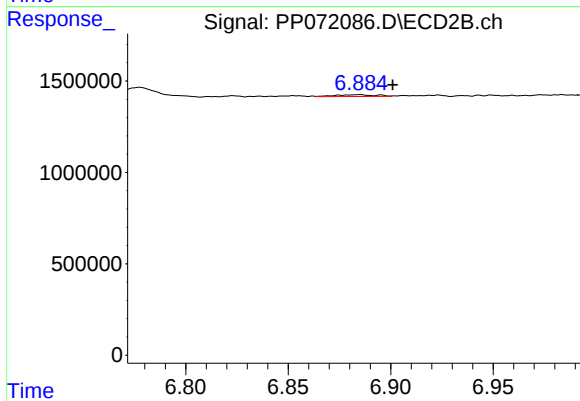
#29 AR-1254-4

R.T.: 6.477 min
Delta R.T.: -0.006 min
Response: 394127
Conc: 5.11 ng/ml



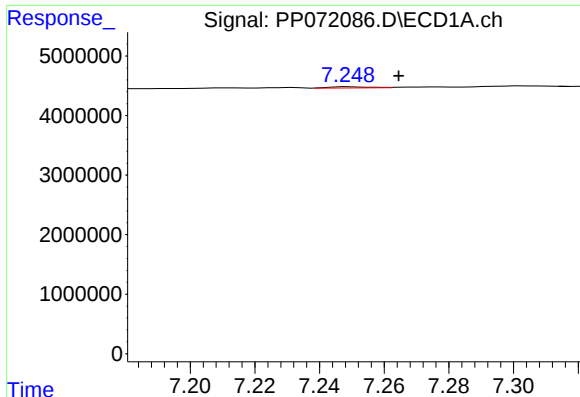
#30 AR-1254-5

R.T.: 7.793 min
Delta R.T.: -0.005 min
Response: 425003
Conc: 3.95 ng/ml



#30 AR-1254-5

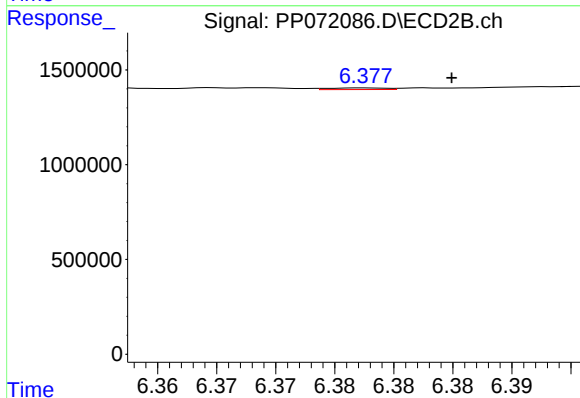
R.T.: 6.885 min
Delta R.T.: -0.016 min
Response: 136728
Conc: 1.35 ng/ml



#31 AR-1260-1

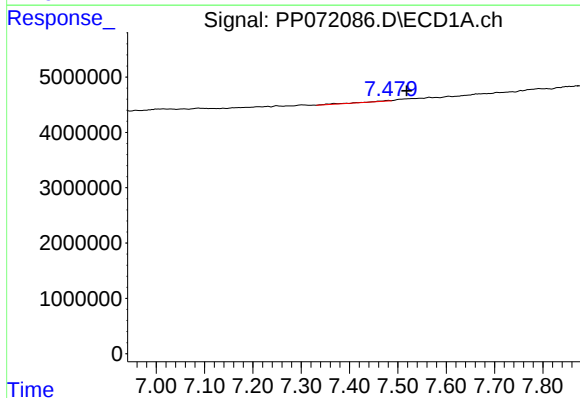
R.T.: 7.250 min
Delta R.T.: -0.015 min
Response: 165613
Conc: 1.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEATER-PAD



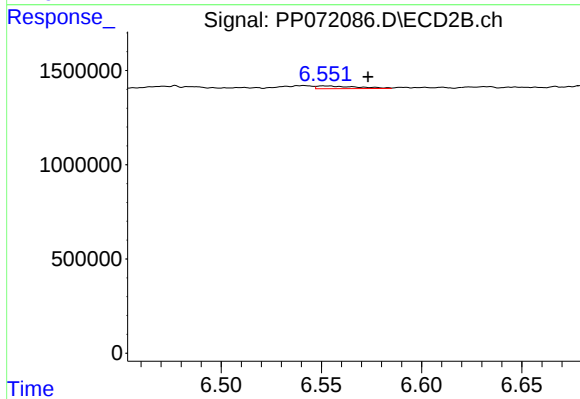
#31 AR-1260-1

R.T.: 6.378 min
Delta R.T.: -0.007 min
Response: 29590
Conc: 0.41 ng/ml



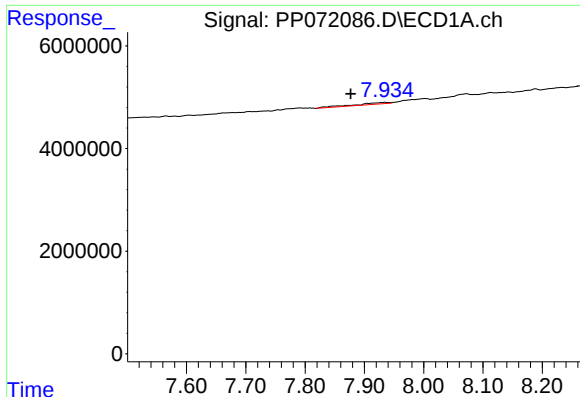
#32 AR-1260-2

R.T.: 7.479 min
Delta R.T.: -0.039 min
Response: 371681
Conc: 2.60 ng/ml



#32 AR-1260-2

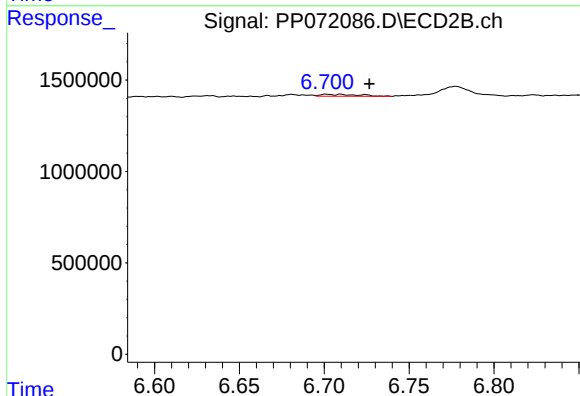
R.T.: 6.551 min
Delta R.T.: -0.022 min
Response: 201252
Conc: 2.30 ng/ml



#33 AR-1260-3

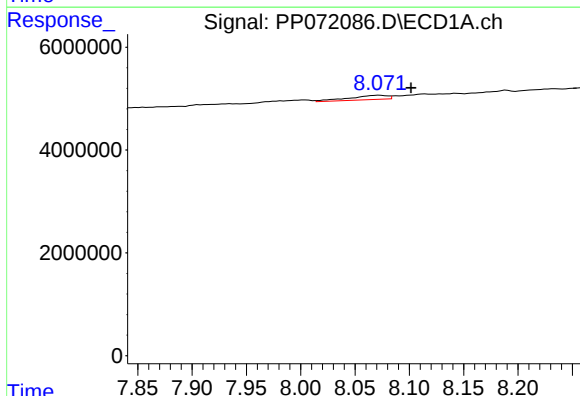
R.T.: 7.935 min
Delta R.T.: 0.058 min
Response: 1259753
Conc: 11.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEATER-PAD



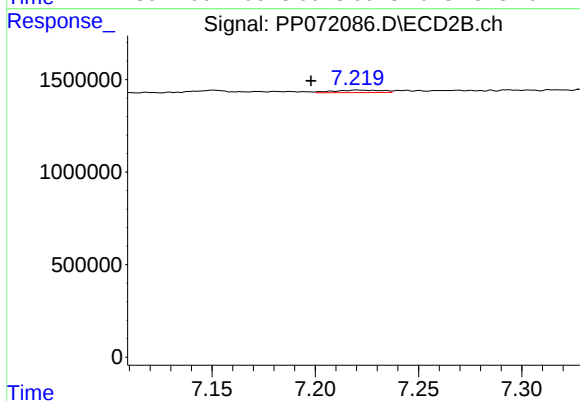
#33 AR-1260-3

R.T.: 6.710 min
Delta R.T.: -0.017 min
Response: 160783
Conc: 2.05 ng/ml



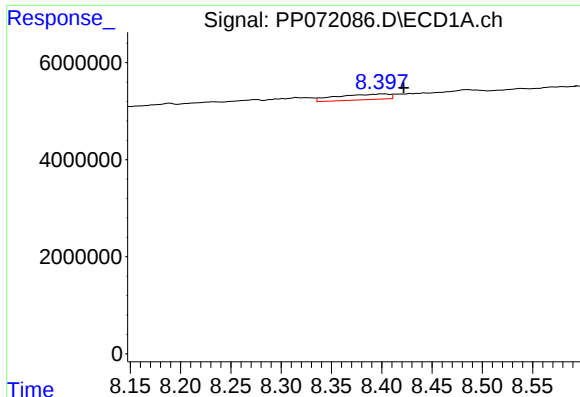
#34 AR-1260-4

R.T.: 8.072 min
Delta R.T.: -0.029 min
Response: 2065317
Conc: 18.30 ng/ml



#34 AR-1260-4

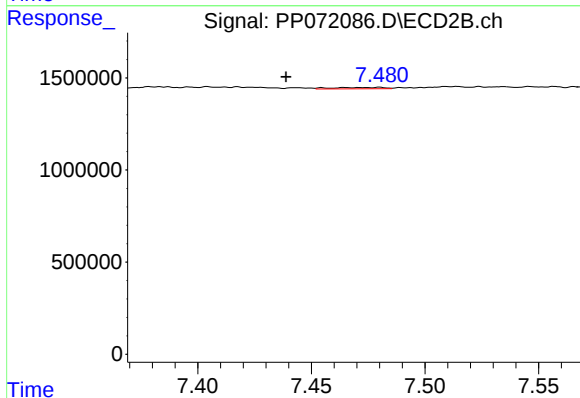
R.T.: 7.220 min
Delta R.T.: 0.022 min
Response: 221523
Conc: 3.51 ng/ml



#35 AR-1260-5

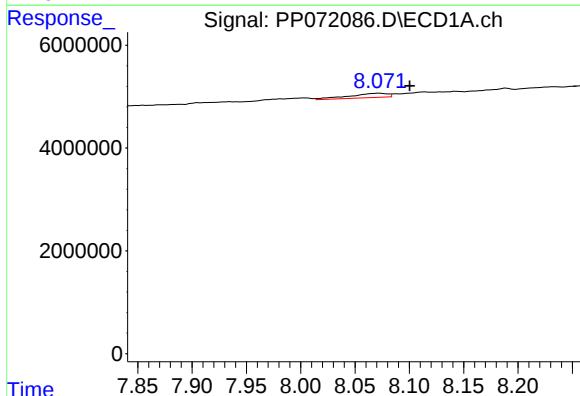
R.T.: 8.401 min
Delta R.T.: -0.021 min
Response: 4182796
Conc: 18.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEATER-PAD



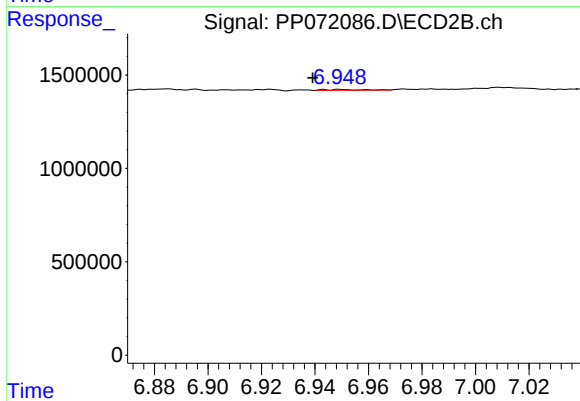
#35 AR-1260-5

R.T.: 7.480 min
Delta R.T.: 0.041 min
Response: 119918
Conc: 0.80 ng/ml



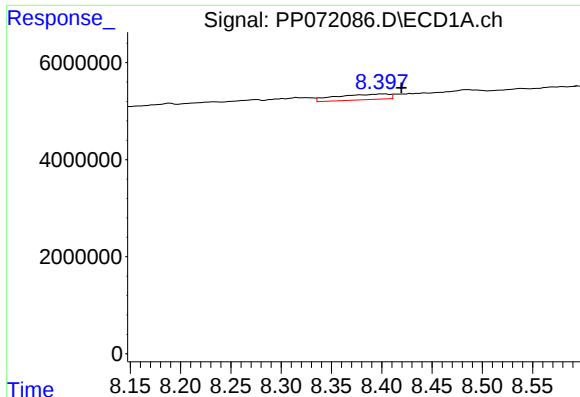
#36 AR-1262-1

R.T.: 8.072 min
Delta R.T.: -0.028 min
Response: 2065317
Conc: 14.29 ng/ml



#36 AR-1262-1

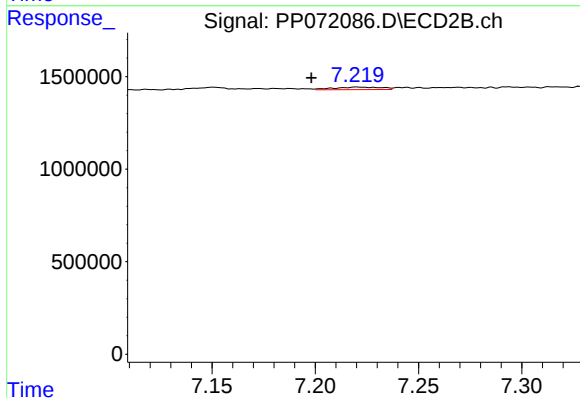
R.T.: 6.949 min
Delta R.T.: 0.010 min
Response: 43910
Conc: 0.39 ng/ml



#37 AR-1262-2

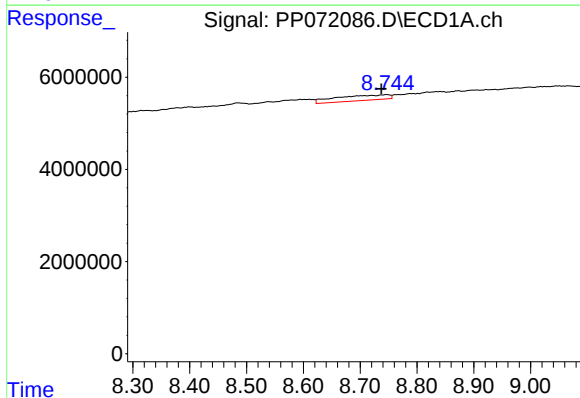
R.T.: 8.401 min
Delta R.T.: -0.019 min
Response: 4182796
Conc: 15.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEATER-PAD



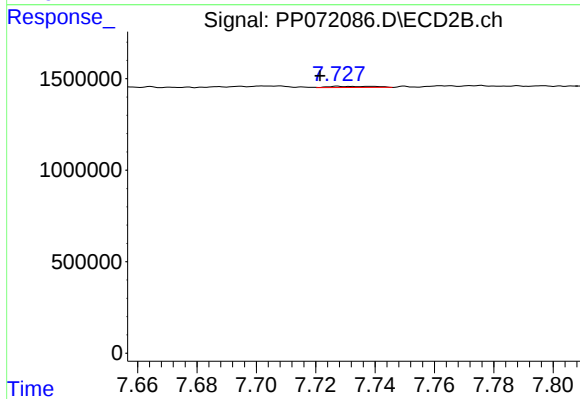
#37 AR-1262-2

R.T.: 7.220 min
Delta R.T.: 0.022 min
Response: 221523
Conc: 2.40 ng/ml



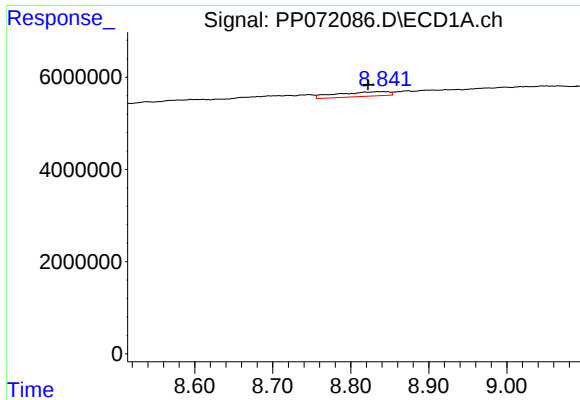
#38 AR-1262-3

R.T.: 8.747 min
Delta R.T.: 0.010 min
Response: 7653912
Conc: 41.85 ng/ml



#38 AR-1262-3

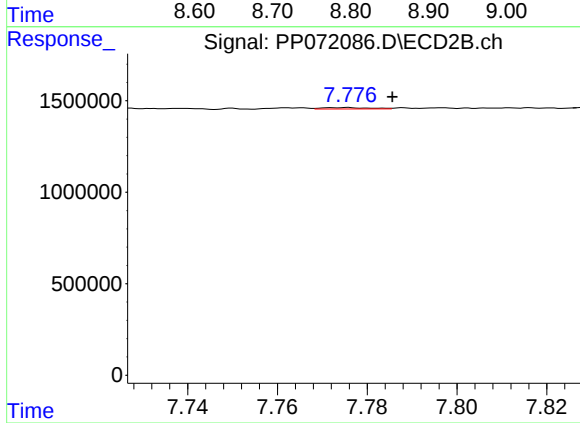
R.T.: 7.728 min
Delta R.T.: 0.006 min
Response: 66244
Conc: 0.88 ng/ml



#39 AR-1262-4

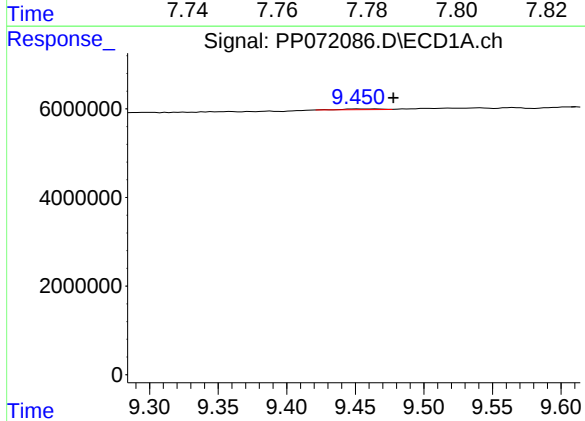
R.T.: 8.842 min
Delta R.T.: 0.020 min
Response: 4655386
Conc: 34.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEATER-PAD



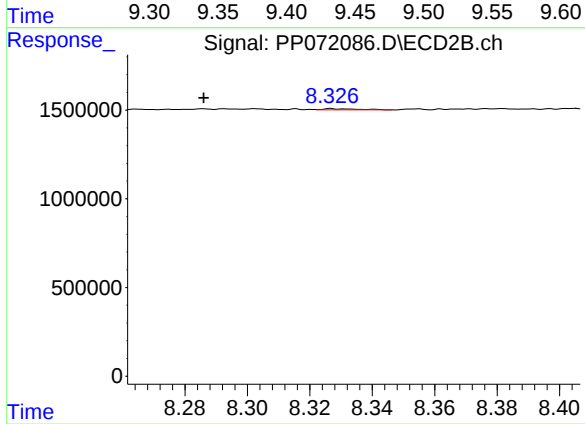
#39 AR-1262-4

R.T.: 7.775 min
Delta R.T.: -0.010 min
Response: 56868
Conc: 0.46 ng/ml



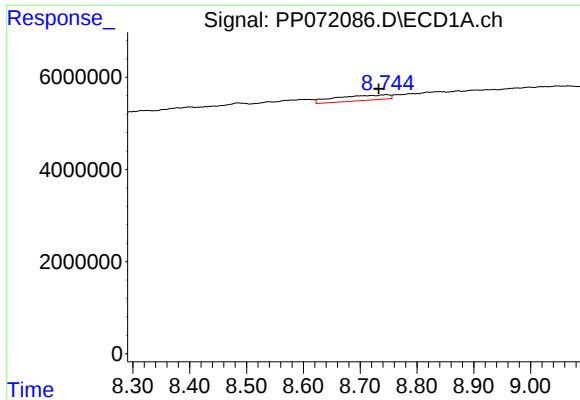
#40 AR-1262-5

R.T.: 9.451 min
Delta R.T.: -0.027 min
Response: 305115
Conc: 3.46 ng/ml



#40 AR-1262-5

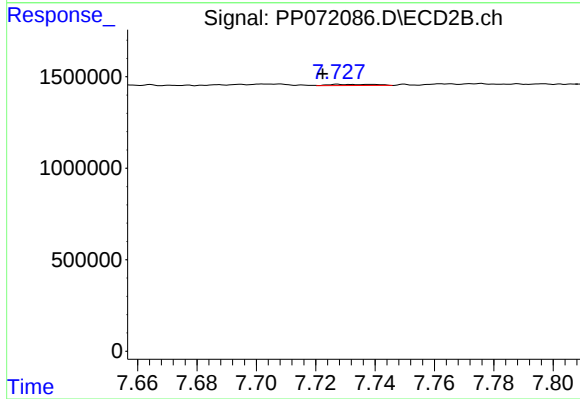
R.T.: 8.327 min
Delta R.T.: 0.041 min
Response: 51917
Conc: 0.94 ng/ml



#41 AR-1268-1

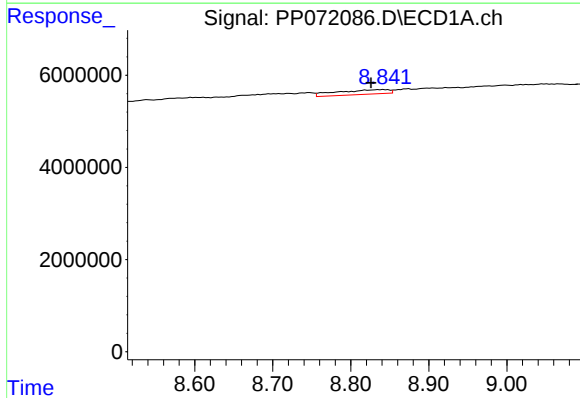
R.T.: 8.747 min
Delta R.T.: 0.014 min
Response: 7653912
Conc: 24.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEATER-PAD



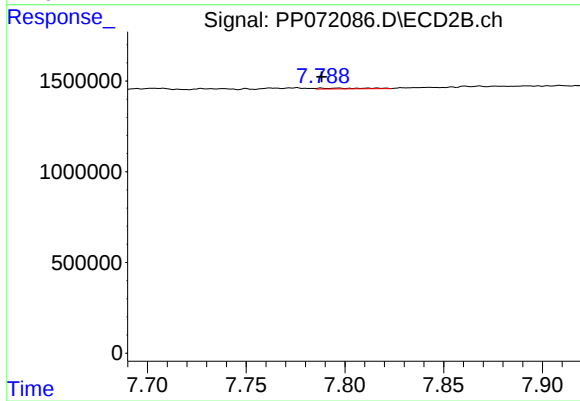
#41 AR-1268-1

R.T.: 7.728 min
Delta R.T.: 0.005 min
Response: 66244
Conc: 0.33 ng/ml



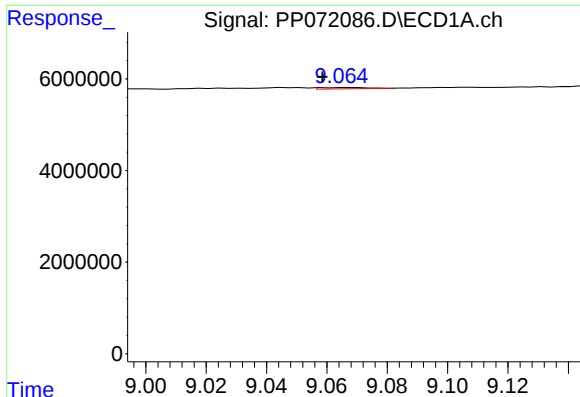
#42 AR-1268-2

R.T.: 8.842 min
Delta R.T.: 0.016 min
Response: 4655386
Conc: 18.06 ng/ml



#42 AR-1268-2

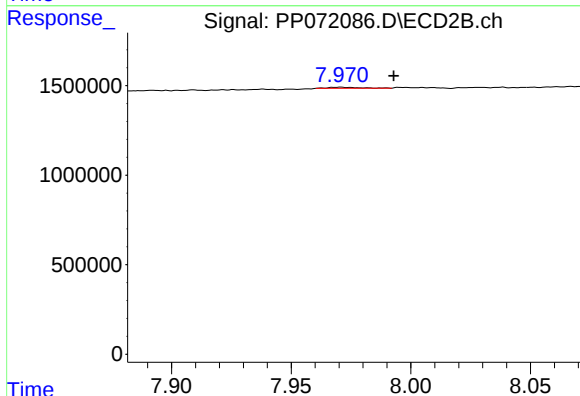
R.T.: 7.797 min
Delta R.T.: 0.008 min
Response: 72530
Conc: 0.43 ng/ml



#43 AR-1268-3

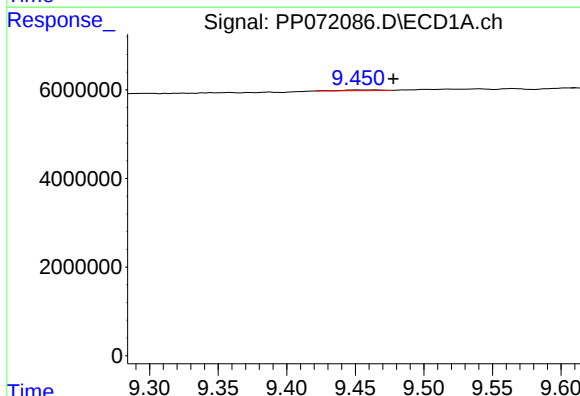
R.T.: 9.068 min
Delta R.T.: 0.010 min
Response: 314667
Conc: 1.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEATER-PAD



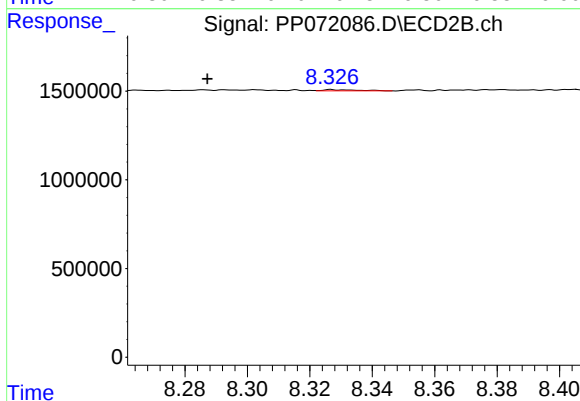
#43 AR-1268-3

R.T.: 7.970 min
Delta R.T.: -0.022 min
Response: 52392
Conc: 0.38 ng/ml



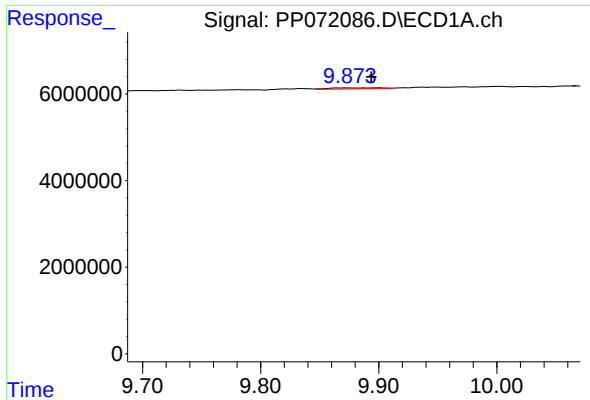
#44 AR-1268-4

R.T.: 9.451 min
Delta R.T.: -0.027 min
Response: 305115
Conc: 3.24 ng/ml



#44 AR-1268-4

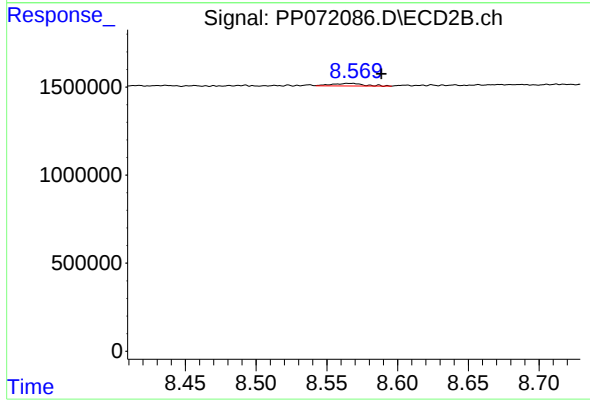
R.T.: 8.327 min
Delta R.T.: 0.040 min
Response: 51917
Conc: 0.85 ng/ml



#45 AR-1268-5

R.T.: 9.901 min
Delta R.T.: 0.008 min
Response: 691157
Conc: 1.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEATER-PAD



#45 AR-1268-5

R.T.: 8.566 min
Delta R.T.: -0.023 min
Response: 234314
Conc: 0.63 ng/ml