

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042723\
 Data File : PP057284.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Apr 2023 16:20
 Operator : YP\AJ
 Sample : 02503-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 27 21:24:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 27 04:11:22 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...	4.412	3.639	51402533	39555290	23.244	24.140
2)	SA Decachlor...	10.244	8.704	33318217	33059158	25.034	19.287
Target Compounds							
3)	L1 AR-1016-1	5.614f	4.761f	2088765	281074	35.819	5.284 #
4)	L1 AR-1016-2	5.614	4.761	2088765	281074	24.418	3.798 #
5)	L1 AR-1016-3	5.665	4.935	337600	149808	6.252	3.666 #
6)	L1 AR-1016-4	5.772	4.978	63620	73152	1.484	1.952 #
7)	L1 AR-1016-5	6.069	5.182	300747	353517	6.303	7.288
8)	L2 AR-1221-1	4.617	3.846	148990	78637	5.722	3.829 #
9)	L2 AR-1221-2	4.722	3.943	839575	742442	43.861	47.740
10)	L2 AR-1221-3	4.769f	4.019	59966	118941	1.052	2.516 #
11)	L3 AR-1232-1	4.769f	4.019	59966	118941	1.223	2.959 #
12)	L3 AR-1232-2	0.000	4.761	0	281074	N.D.	7.811 #
13)	L3 AR-1232-3	5.614	4.935	2088765	149808	50.927	7.746 #
14)	L3 AR-1232-4	5.772	5.027	63620	105425	3.123	5.202 #
15)	L3 AR-1232-5	5.867	5.182	694610	353517	35.357	15.965 #
16)	L4 AR-1242-1	5.614f	4.761f	2088765	281074	42.474	6.245 #
17)	L4 AR-1242-2	5.614	4.761	2088765	281074	29.301	4.528 #
18)	L4 AR-1242-3	5.665	4.935	337600	149808	7.534	4.334 #
19)	L4 AR-1242-4	5.772	5.027	63620	105425	1.768	2.686 #
20)	L4 AR-1242-5	6.515	5.544	102872	123501	3.253	2.828
21)	L5 AR-1248-1	5.614f	4.761f	2088765	281074	56.747	8.224 #
22)	L5 AR-1248-2	5.867	4.978	694610	73152	10.963	1.320 #
23)	L5 AR-1248-3	6.069	5.027	300747	105425	4.543	1.831 #
24)	L5 AR-1248-4	6.477	5.182	129597	353517	2.306	5.344 #
25)	L5 AR-1248-5	6.515	5.586	102872	173459	1.885	3.048 #
26)	L6 AR-1254-1	6.452	5.544	740307	123501	9.845	1.233 #
27)	L6 AR-1254-2	6.699f	5.726f	555902	472153	5.279	5.365
28)	L6 AR-1254-3	7.036	6.102	172419	175739	1.767	1.282 #
29)	L6 AR-1254-4	0.000	6.337	0	229221	N.D.	3.041 #
30)	L6 AR-1254-5	7.753	6.753	193477	536753	3.060	4.639 #
31)	L7 AR-1260-1	7.203	6.238	378855	337648	4.379	3.242 #
32)	L7 AR-1260-2	7.478	6.424	1448191	575392	17.608	5.028 #
33)	L7 AR-1260-3	7.824	6.562f	132159	1455802	1.960	12.907 #
34)	L7 AR-1260-4	8.054	7.053	497430	236896	6.579	2.572 #
35)	L7 AR-1260-5	8.379	7.296	654792	273659	5.622	1.526 #
36)	L8 AR-1262-1	7.824	6.866f	132159	66573	1.451	1.232
37)	L8 AR-1262-2	8.379	7.053	654792	236896	5.254	2.113 #
38)	L8 AR-1262-3	8.701	7.582	197093	425295	2.221	5.360 #
39)	L8 AR-1262-4	8.794	7.640	369483	343829	5.663	2.326 #
40)	L8 AR-1262-5	9.474	8.141	82375	53739	2.079	0.825 #
41)	L9 AR-1268-1	8.701	7.582	197093	425295	1.112	1.710 #

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 Operator : YP\AJ
 Sample : 02503-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

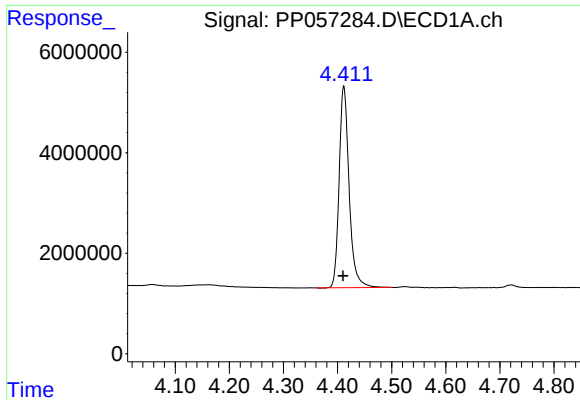
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 27 21:24:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042623.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	8.794	7.640	369483	343829	2.563	1.508 #
43) L9	AR-1268-3	9.049f	7.857	60075	113107	0.383	0.530 #
44) L9	AR-1268-4	9.474	8.141	82375	53739	1.772	0.717 #
45) L9	AR-1268-5	9.893	8.445	239172	89412	0.611	0.164 #

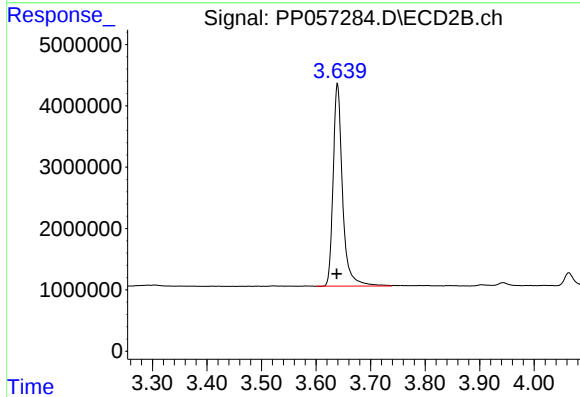
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

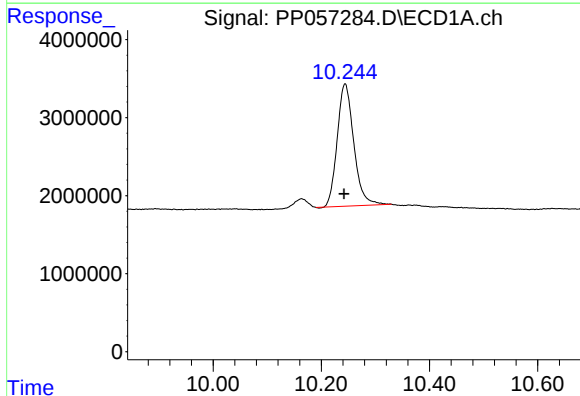
R.T.: 4.412 min
Delta R.T.: 0.002 min
Response: 51402533
Conc: 23.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



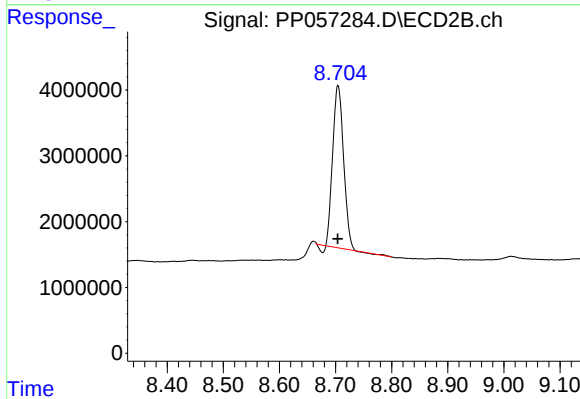
#1 Tetrachloro-m-xylene

R.T.: 3.639 min
Delta R.T.: 0.001 min
Response: 39555290
Conc: 24.14 ng/ml



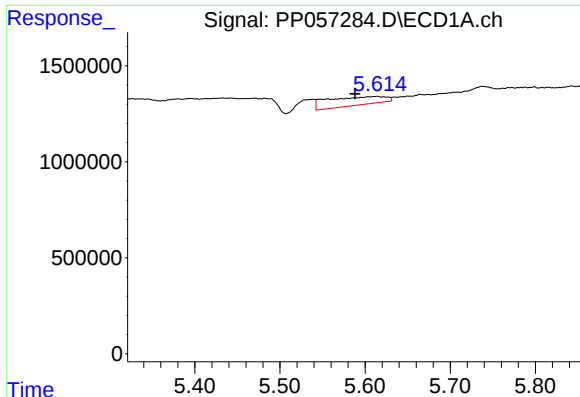
#2 Decachlorobiphenyl

R.T.: 10.244 min
Delta R.T.: 0.002 min
Response: 33318217
Conc: 25.03 ng/ml



#2 Decachlorobiphenyl

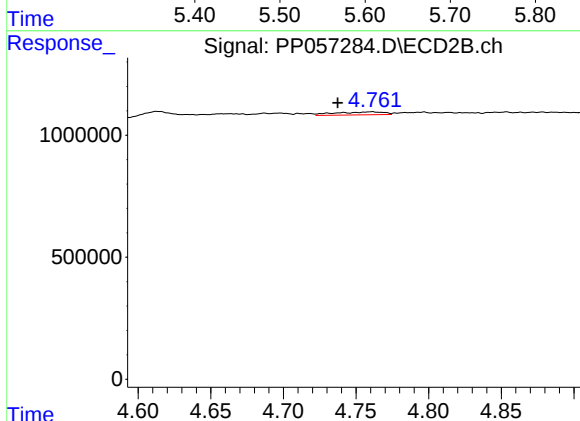
R.T.: 8.704 min
Delta R.T.: 0.000 min
Response: 33059158
Conc: 19.29 ng/ml



#3 AR-1016-1

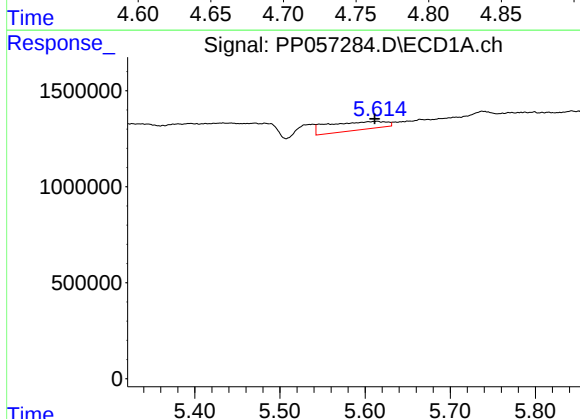
R.T.: 5.614 min
Delta R.T.: 0.026 min
Response: 2088765
Conc: 35.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



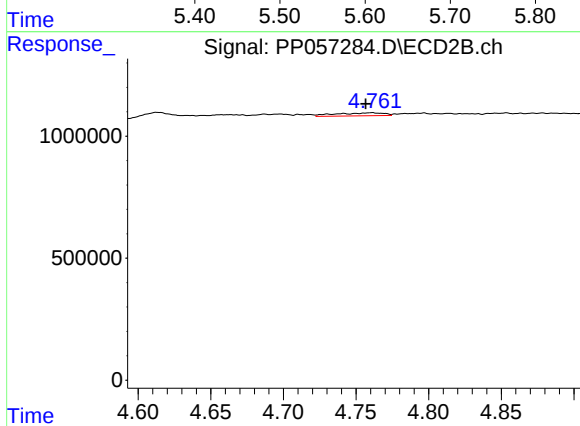
#3 AR-1016-1

R.T.: 4.761 min
Delta R.T.: 0.023 min
Response: 281074
Conc: 5.28 ng/ml



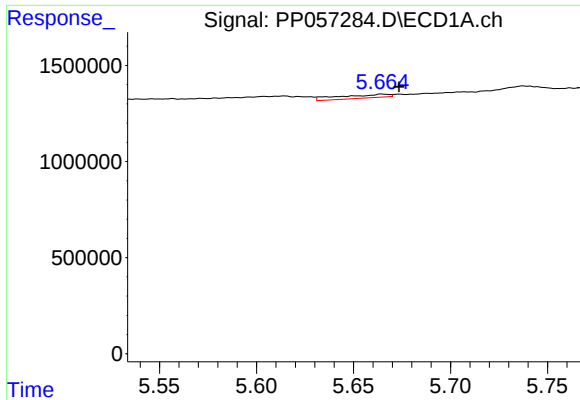
#4 AR-1016-2

R.T.: 5.614 min
Delta R.T.: 0.003 min
Response: 2088765
Conc: 24.42 ng/ml



#4 AR-1016-2

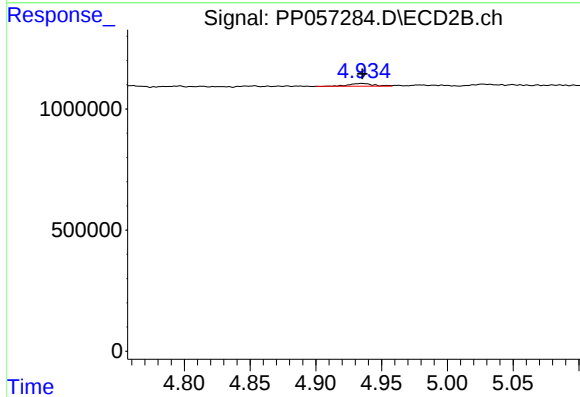
R.T.: 4.761 min
Delta R.T.: 0.004 min
Response: 281074
Conc: 3.80 ng/ml



#5 AR-1016-3

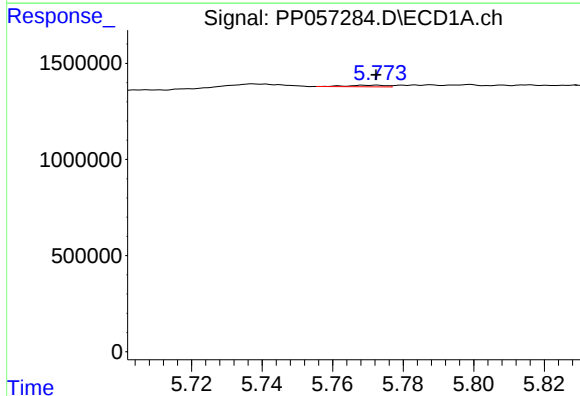
R.T.: 5.665 min
Delta R.T.: -0.009 min
Response: 337600
Conc: 6.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



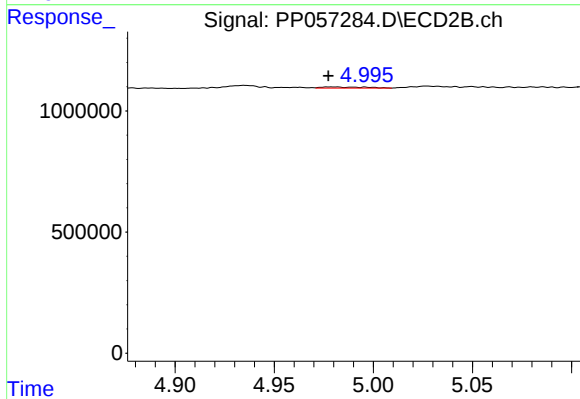
#5 AR-1016-3

R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 149808
Conc: 3.67 ng/ml



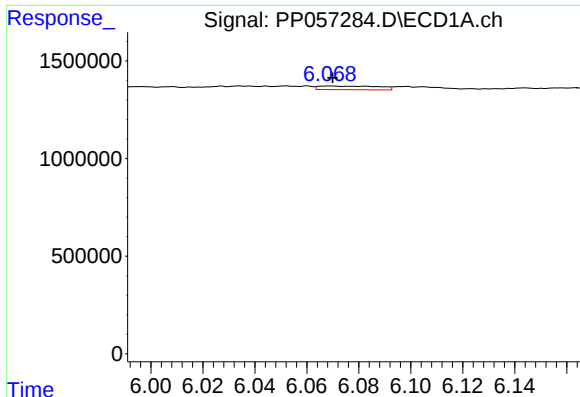
#6 AR-1016-4

R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 63620
Conc: 1.48 ng/ml



#6 AR-1016-4

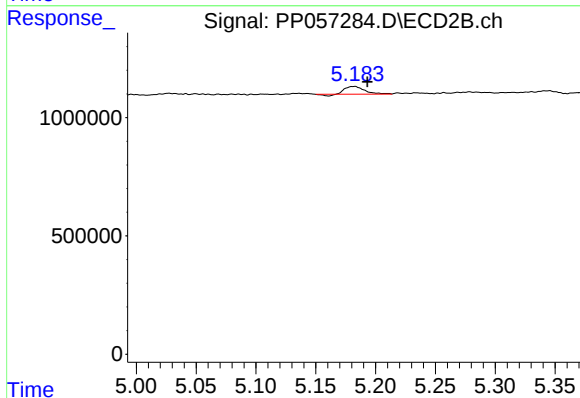
R.T.: 4.978 min
Delta R.T.: 0.000 min
Response: 73152
Conc: 1.95 ng/ml



#7 AR-1016-5

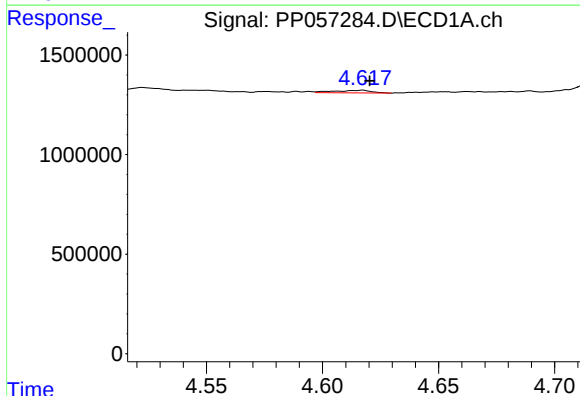
R.T.: 6.069 min
Delta R.T.: -0.001 min
Response: 300747
Conc: 6.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



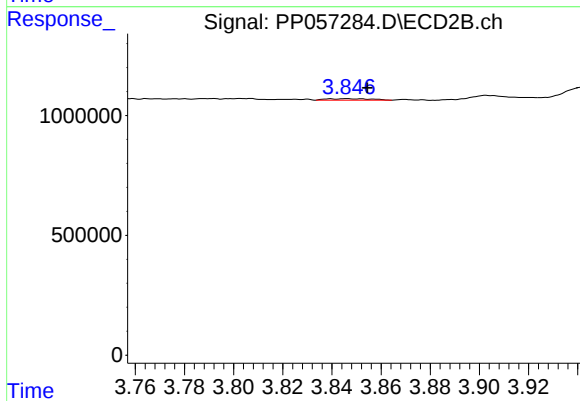
#7 AR-1016-5

R.T.: 5.182 min
Delta R.T.: -0.011 min
Response: 353517
Conc: 7.29 ng/ml



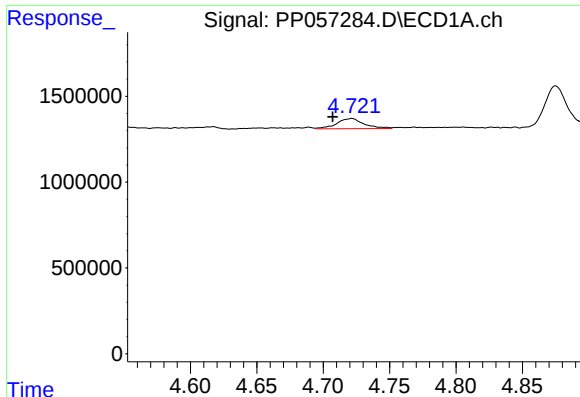
#8 AR-1221-1

R.T.: 4.617 min
Delta R.T.: -0.003 min
Response: 148990
Conc: 5.72 ng/ml



#8 AR-1221-1

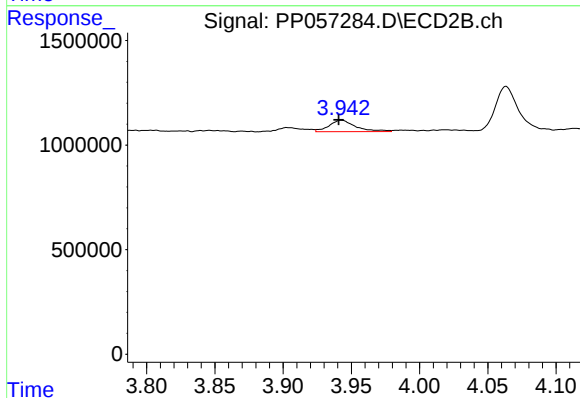
R.T.: 3.846 min
Delta R.T.: -0.008 min
Response: 78637
Conc: 3.83 ng/ml



#9 AR-1221-2

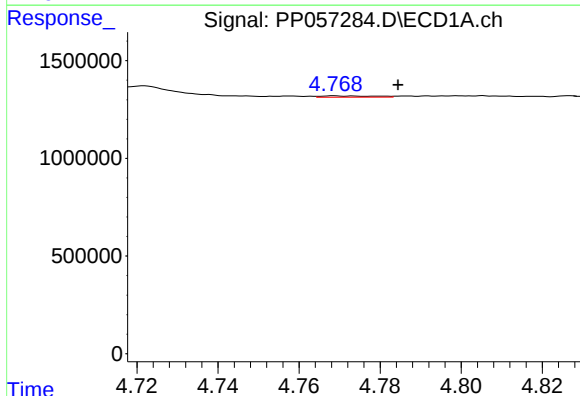
R.T.: 4.722 min
Delta R.T.: 0.014 min
Response: 839575
Conc: 43.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



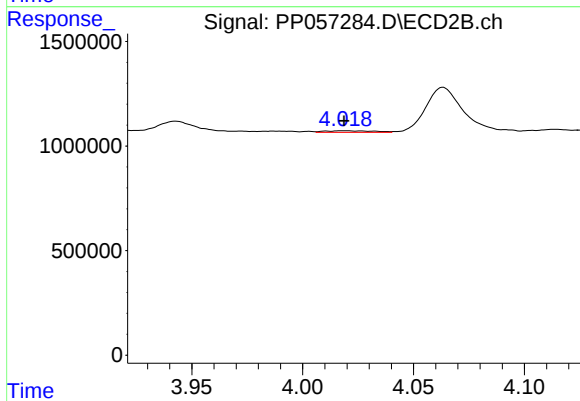
#9 AR-1221-2

R.T.: 3.943 min
Delta R.T.: 0.002 min
Response: 742442
Conc: 47.74 ng/ml



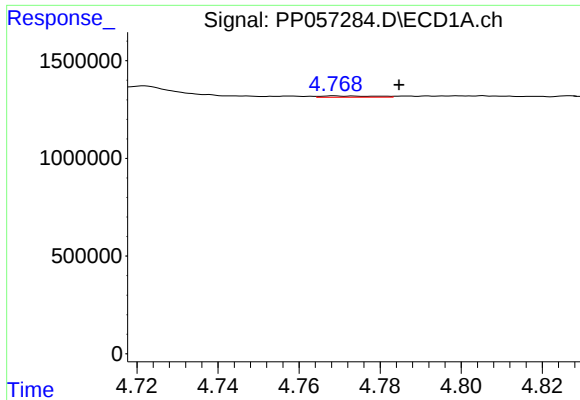
#10 AR-1221-3

R.T.: 4.769 min
Delta R.T.: -0.016 min
Response: 59966
Conc: 1.05 ng/ml



#10 AR-1221-3

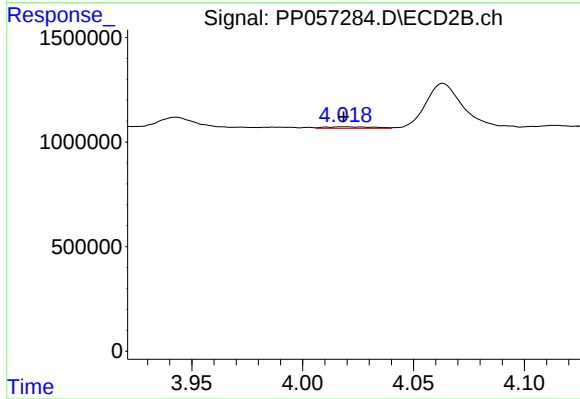
R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 118941
Conc: 2.52 ng/ml



#11 AR-1232-1

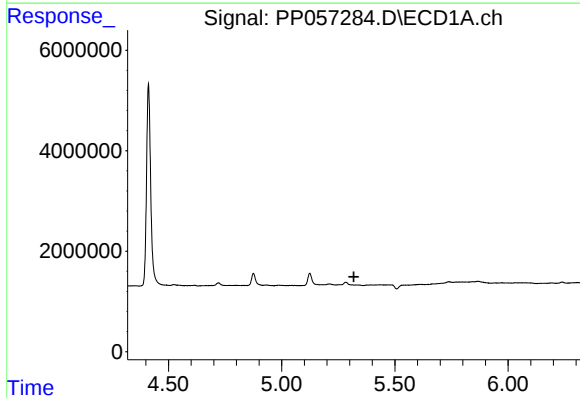
R.T.: 4.769 min
Delta R.T.: -0.016 min
Response: 59966
Conc: 1.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



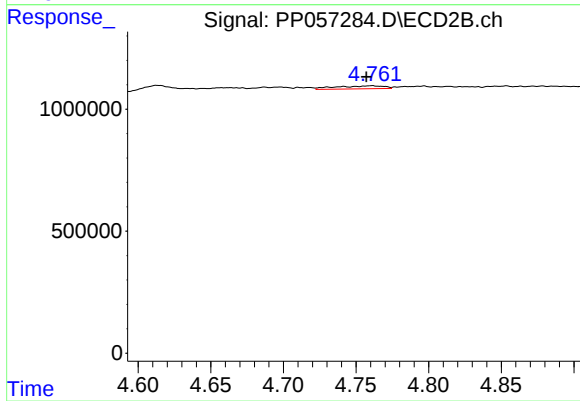
#11 AR-1232-1

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 118941
Conc: 2.96 ng/ml



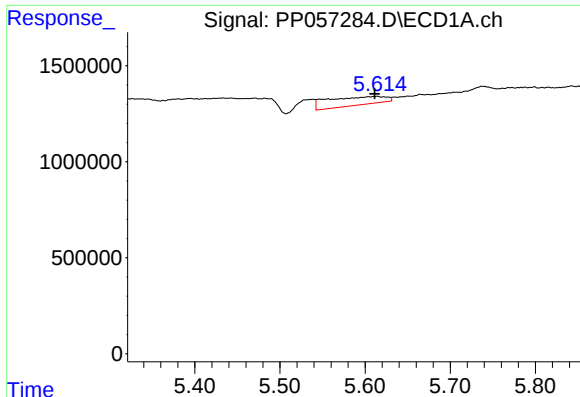
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.319 min
Response: 0
Conc: N.D.



#12 AR-1232-2

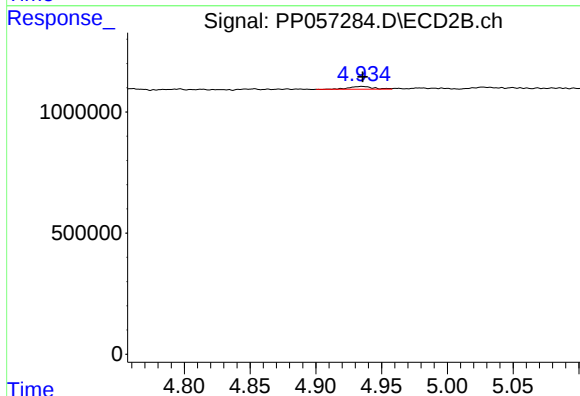
R.T.: 4.761 min
Delta R.T.: 0.004 min
Response: 281074
Conc: 7.81 ng/ml



#13 AR-1232-3

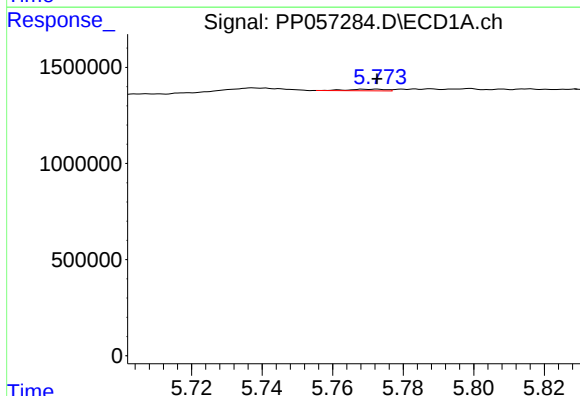
R.T.: 5.614 min
Delta R.T.: 0.003 min
Response: 2088765
Conc: 50.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



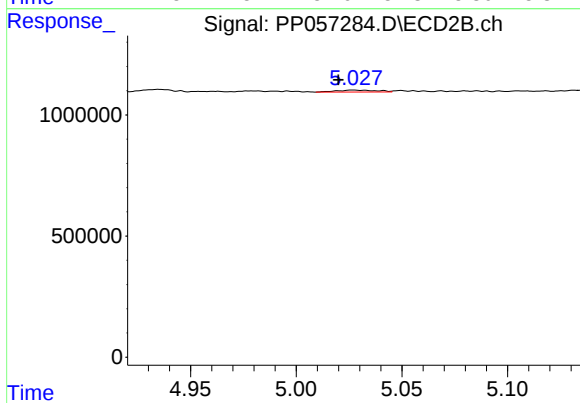
#13 AR-1232-3

R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 149808
Conc: 7.75 ng/ml



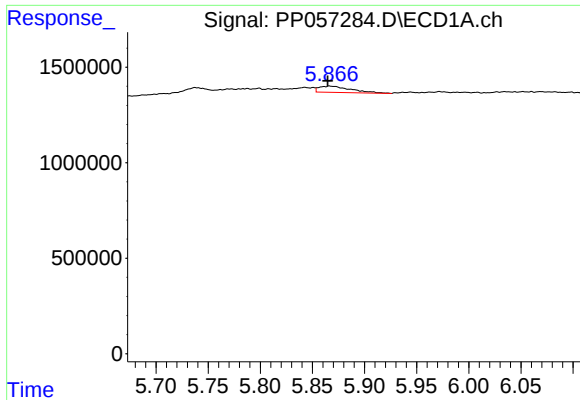
#14 AR-1232-4

R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 63620
Conc: 3.12 ng/ml



#14 AR-1232-4

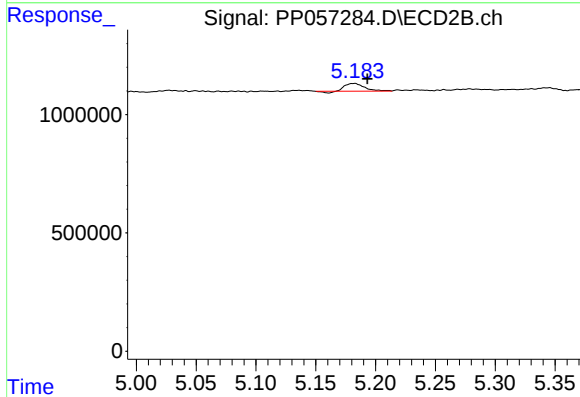
R.T.: 5.027 min
Delta R.T.: 0.007 min
Response: 105425
Conc: 5.20 ng/ml



#15 AR-1232-5

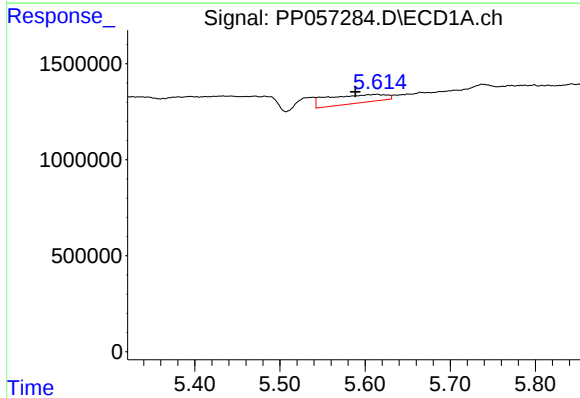
R.T.: 5.867 min
Delta R.T.: 0.002 min
Response: 694610
Conc: 35.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



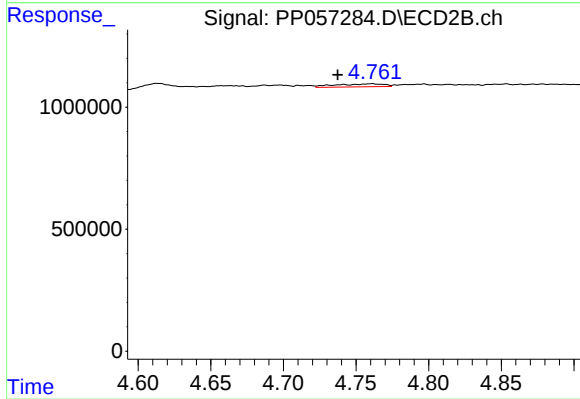
#15 AR-1232-5

R.T.: 5.182 min
Delta R.T.: -0.011 min
Response: 353517
Conc: 15.97 ng/ml



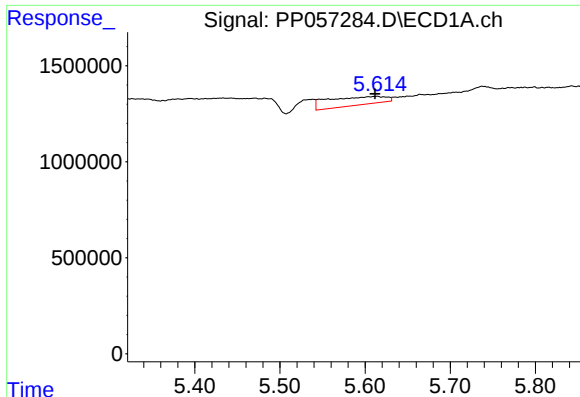
#16 AR-1242-1

R.T.: 5.614 min
Delta R.T.: 0.026 min
Response: 2088765
Conc: 42.47 ng/ml



#16 AR-1242-1

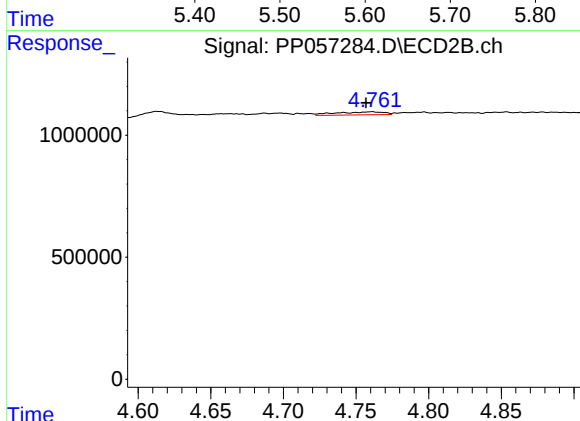
R.T.: 4.761 min
Delta R.T.: 0.023 min
Response: 281074
Conc: 6.24 ng/ml



#17 AR-1242-2

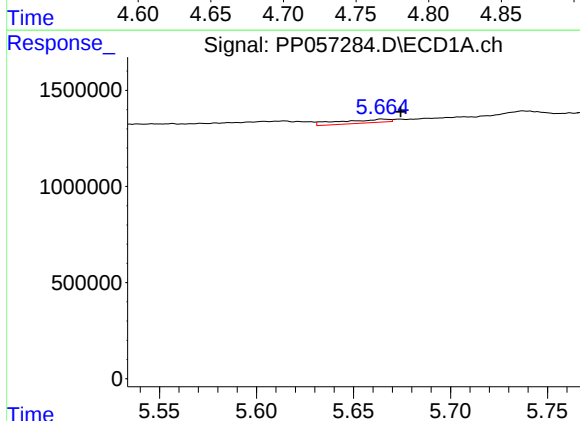
R.T.: 5.614 min
Delta R.T.: 0.002 min
Response: 2088765
Conc: 29.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



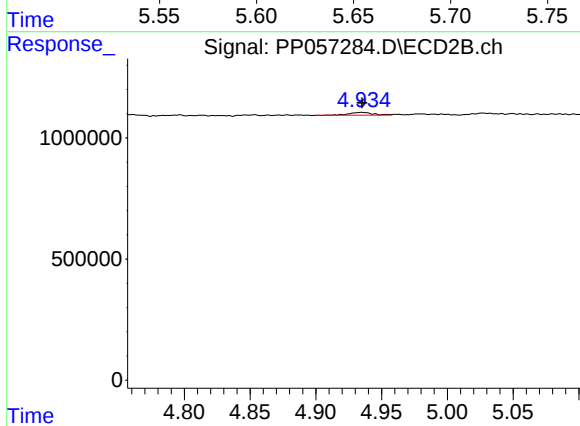
#17 AR-1242-2

R.T.: 4.761 min
Delta R.T.: 0.004 min
Response: 281074
Conc: 4.53 ng/ml



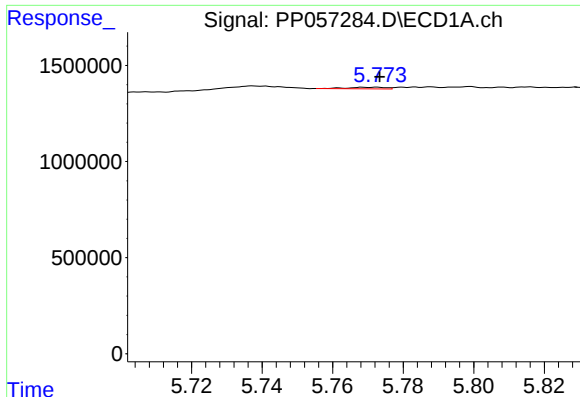
#18 AR-1242-3

R.T.: 5.665 min
Delta R.T.: -0.009 min
Response: 337600
Conc: 7.53 ng/ml



#18 AR-1242-3

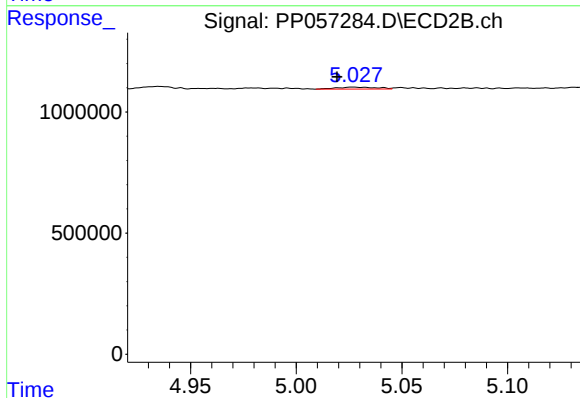
R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 149808
Conc: 4.33 ng/ml



#19 AR-1242-4

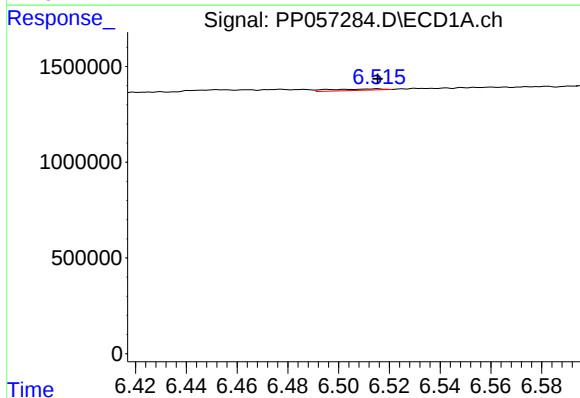
R.T.: 5.772 min
Delta R.T.: -0.001 min
Response: 63620
Conc: 1.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



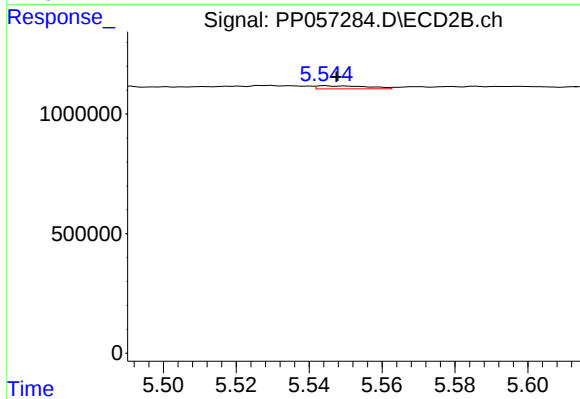
#19 AR-1242-4

R.T.: 5.027 min
Delta R.T.: 0.008 min
Response: 105425
Conc: 2.69 ng/ml



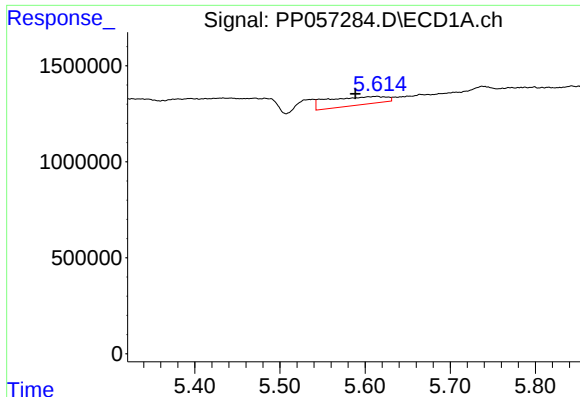
#20 AR-1242-5

R.T.: 6.515 min
Delta R.T.: 0.000 min
Response: 102872
Conc: 3.25 ng/ml



#20 AR-1242-5

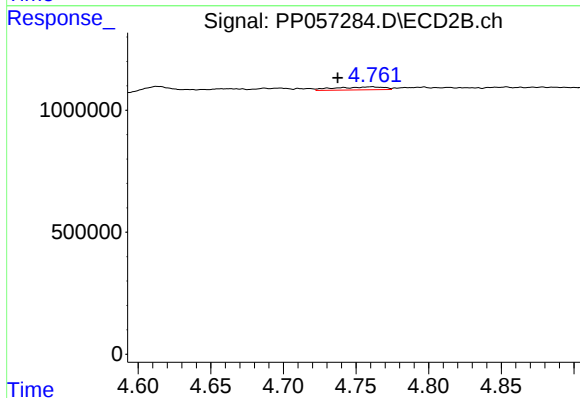
R.T.: 5.544 min
Delta R.T.: -0.003 min
Response: 123501
Conc: 2.83 ng/ml



#21 AR-1248-1

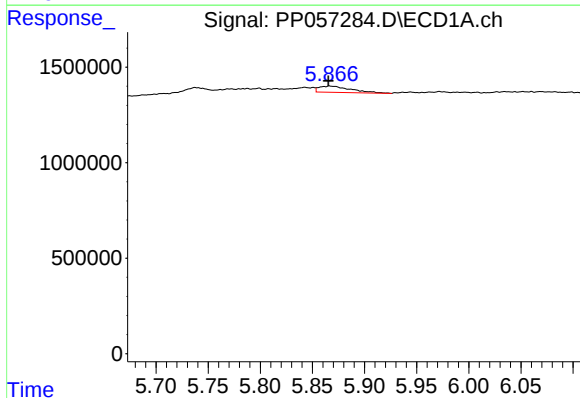
R.T.: 5.614 min
Delta R.T.: 0.026 min
Response: 2088765
Conc: 56.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



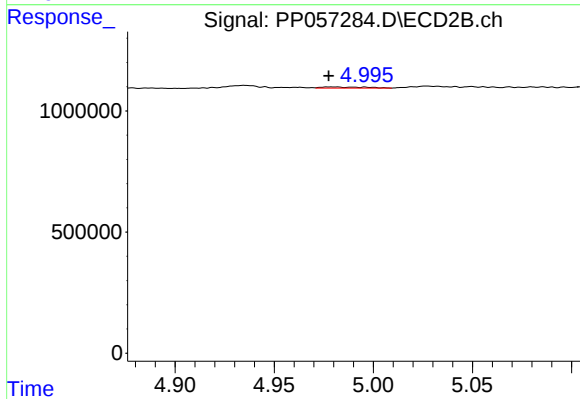
#21 AR-1248-1

R.T.: 4.761 min
Delta R.T.: 0.023 min
Response: 281074
Conc: 8.22 ng/ml



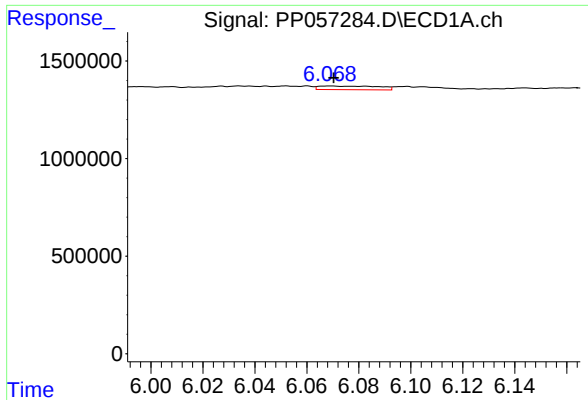
#22 AR-1248-2

R.T.: 5.867 min
Delta R.T.: 0.002 min
Response: 694610
Conc: 10.96 ng/ml



#22 AR-1248-2

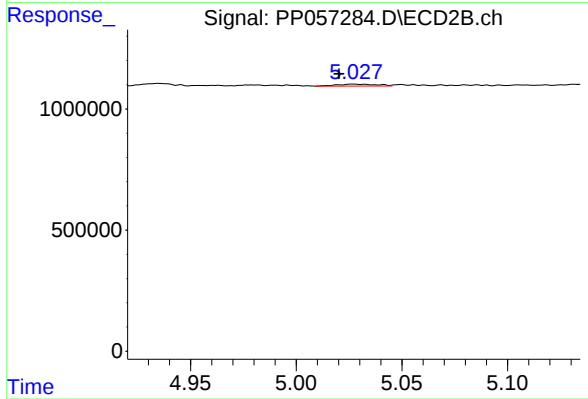
R.T.: 4.978 min
Delta R.T.: 0.000 min
Response: 73152
Conc: 1.32 ng/ml



#23 AR-1248-3

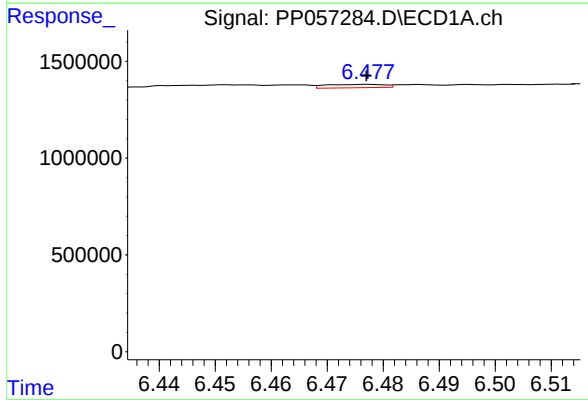
R.T.: 6.069 min
Delta R.T.: -0.002 min
Response: 300747
Conc: 4.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



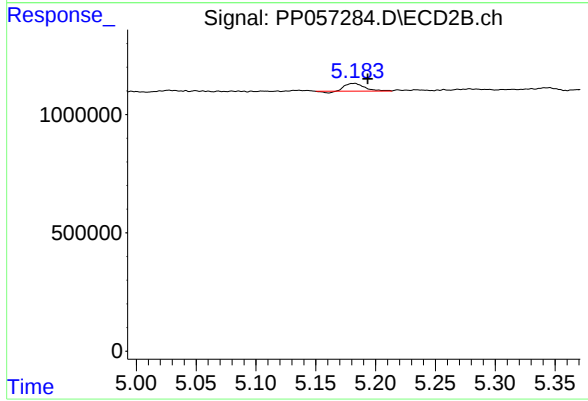
#23 AR-1248-3

R.T.: 5.027 min
Delta R.T.: 0.007 min
Response: 105425
Conc: 1.83 ng/ml



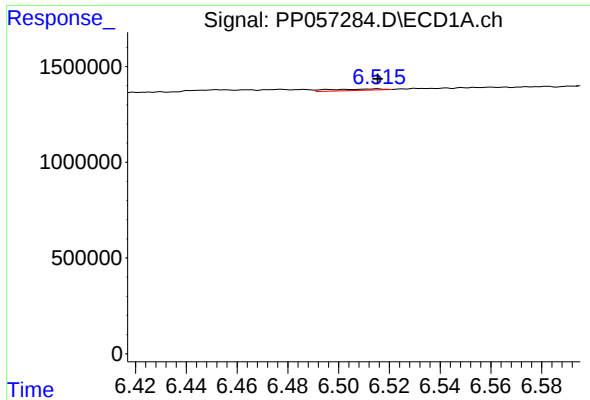
#24 AR-1248-4

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 129597
Conc: 2.31 ng/ml



#24 AR-1248-4

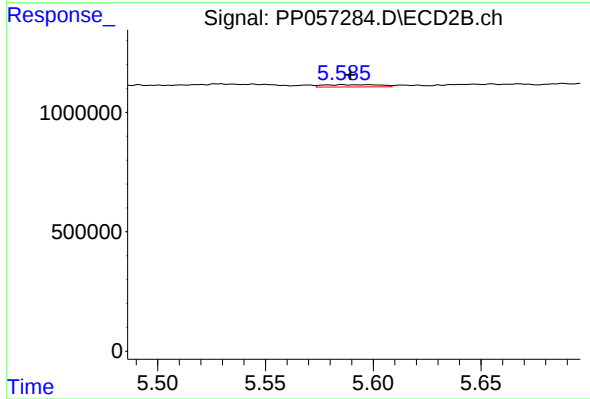
R.T.: 5.182 min
Delta R.T.: -0.011 min
Response: 353517
Conc: 5.34 ng/ml



#25 AR-1248-5

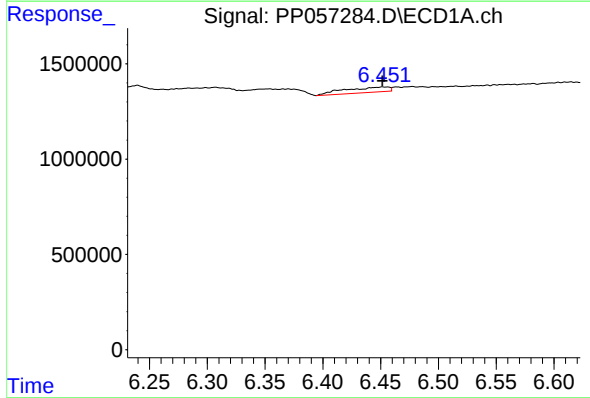
R.T.: 6.515 min
Delta R.T.: 0.000 min
Response: 102872
Conc: 1.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



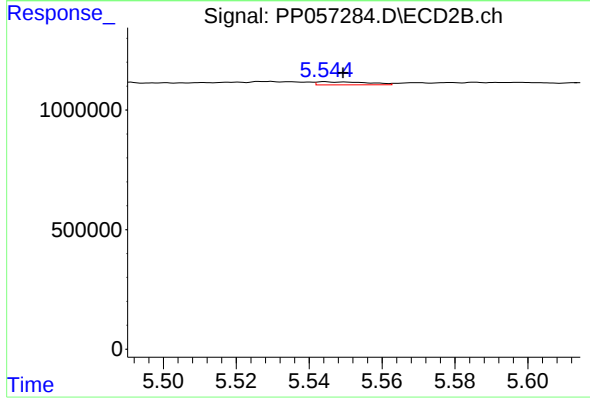
#25 AR-1248-5

R.T.: 5.586 min
Delta R.T.: -0.004 min
Response: 173459
Conc: 3.05 ng/ml



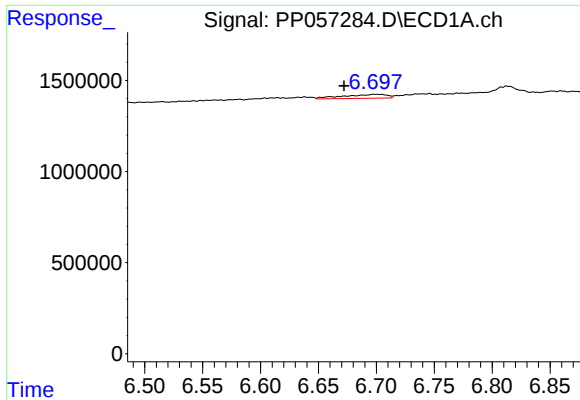
#26 AR-1254-1

R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 740307
Conc: 9.85 ng/ml



#26 AR-1254-1

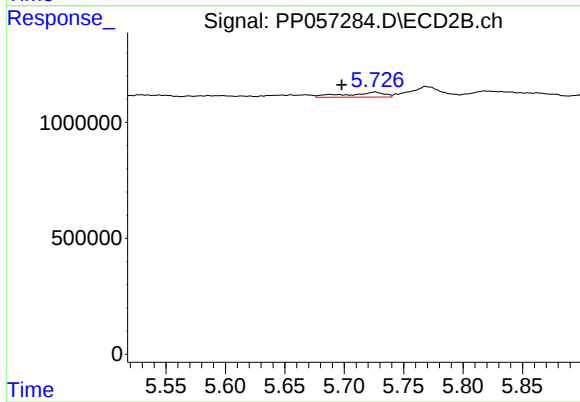
R.T.: 5.544 min
Delta R.T.: -0.005 min
Response: 123501
Conc: 1.23 ng/ml



#27 AR-1254-2

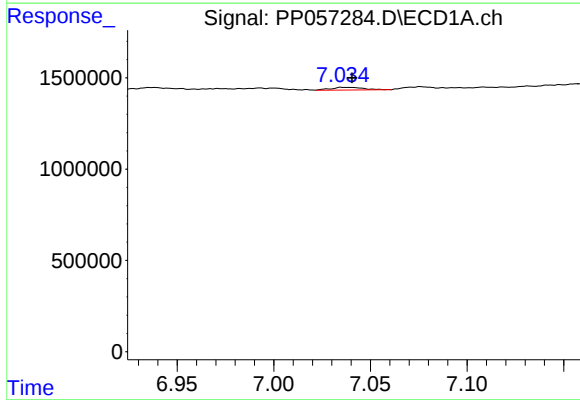
R.T.: 6.699 min
Delta R.T.: 0.027 min
Response: 555902
Conc: 5.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



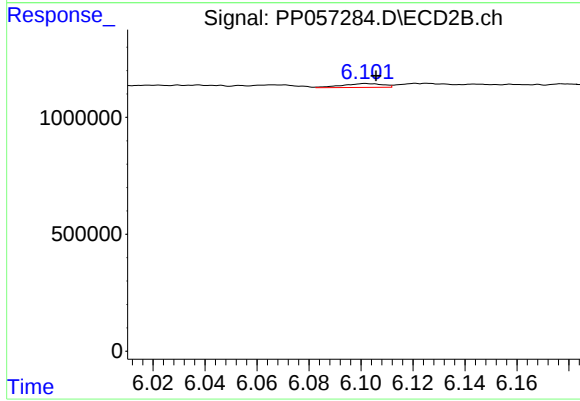
#27 AR-1254-2

R.T.: 5.726 min
Delta R.T.: 0.028 min
Response: 472153
Conc: 5.36 ng/ml



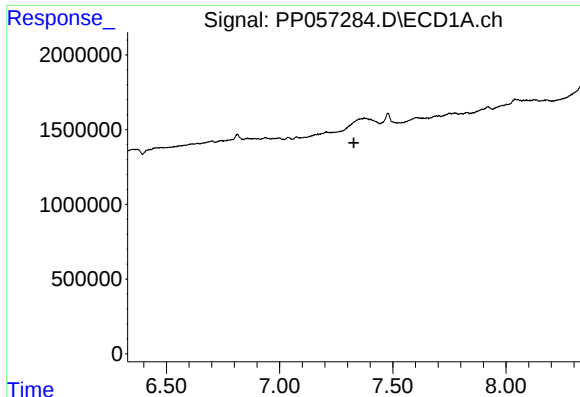
#28 AR-1254-3

R.T.: 7.036 min
Delta R.T.: -0.005 min
Response: 172419
Conc: 1.77 ng/ml



#28 AR-1254-3

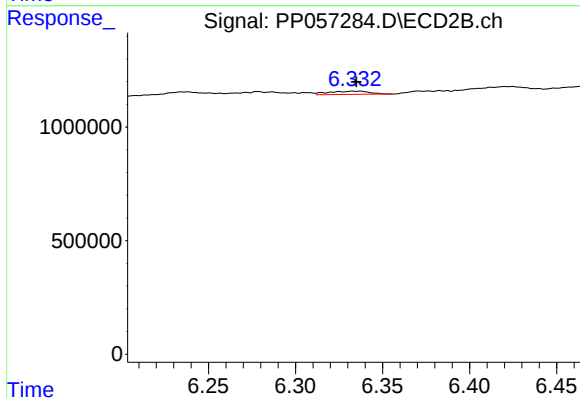
R.T.: 6.102 min
Delta R.T.: -0.004 min
Response: 175739
Conc: 1.28 ng/ml



#29 AR-1254-4

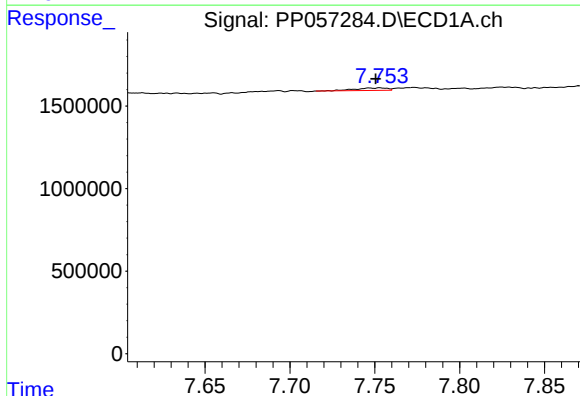
R.T.: 0.000 min
Exp R.T.: 7.328 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



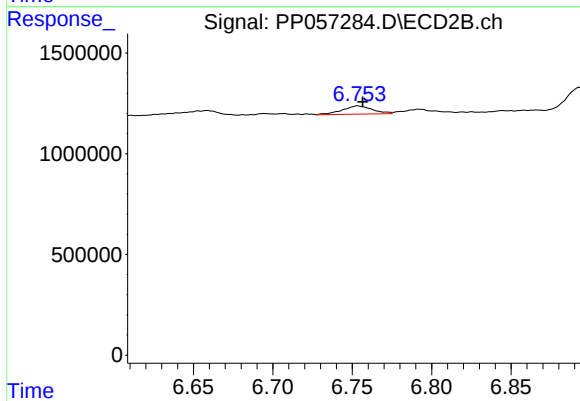
#29 AR-1254-4

R.T.: 6.337 min
Delta R.T.: 0.002 min
Response: 229221
Conc: 3.04 ng/ml



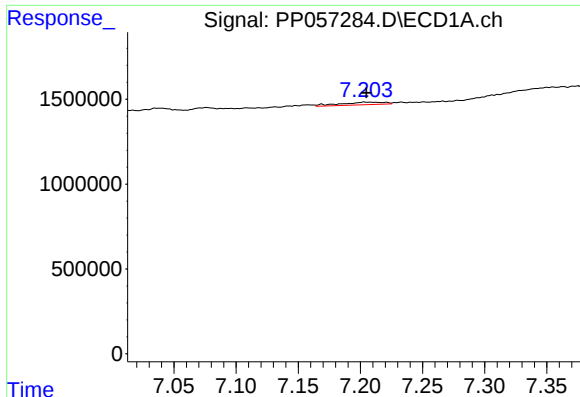
#30 AR-1254-5

R.T.: 7.753 min
Delta R.T.: 0.002 min
Response: 193477
Conc: 3.06 ng/ml



#30 AR-1254-5

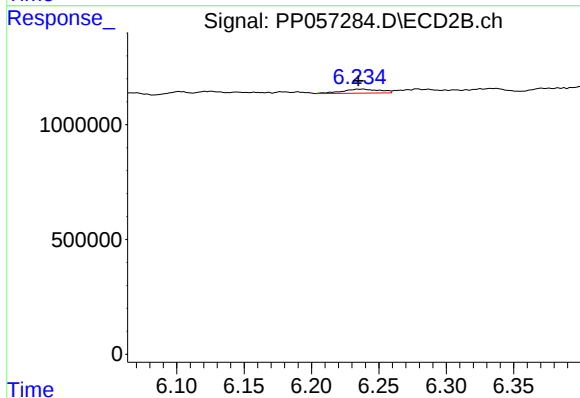
R.T.: 6.753 min
Delta R.T.: -0.003 min
Response: 536753
Conc: 4.64 ng/ml



#31 AR-1260-1

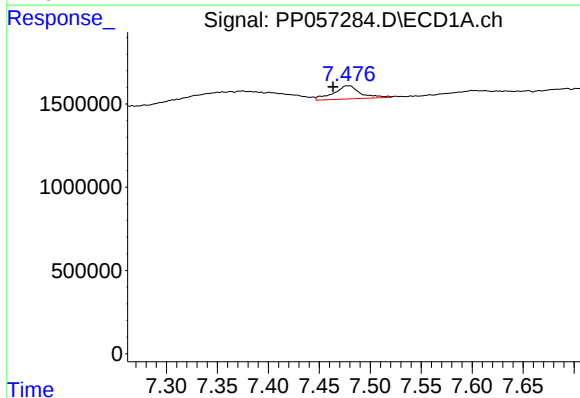
R.T.: 7.203 min
Delta R.T.: -0.001 min
Response: 378855
Conc: 4.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



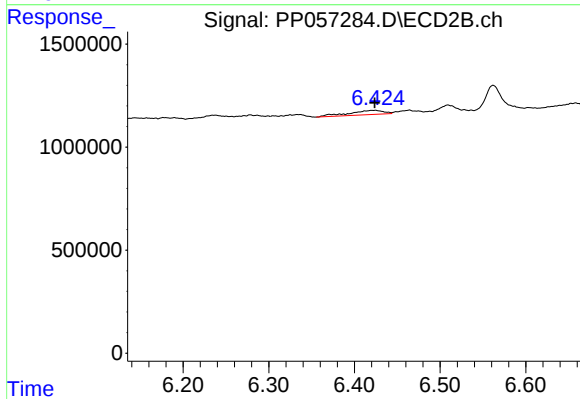
#31 AR-1260-1

R.T.: 6.238 min
Delta R.T.: 0.003 min
Response: 337648
Conc: 3.24 ng/ml



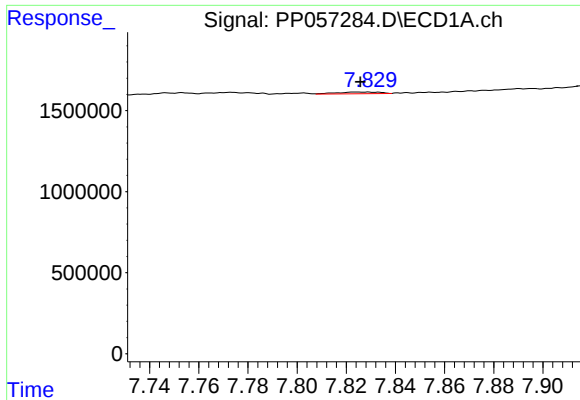
#32 AR-1260-2

R.T.: 7.478 min
Delta R.T.: 0.015 min
Response: 1448191
Conc: 17.61 ng/ml



#32 AR-1260-2

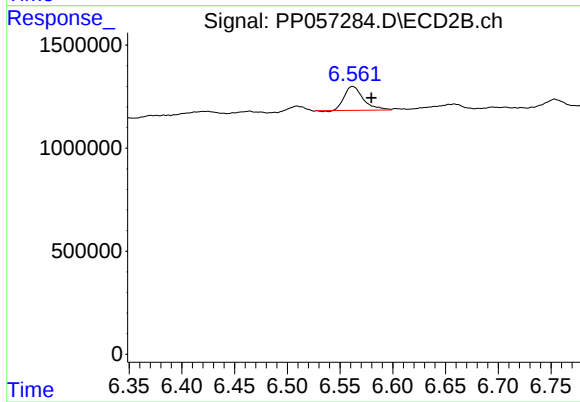
R.T.: 6.424 min
Delta R.T.: 0.000 min
Response: 575392
Conc: 5.03 ng/ml



#33 AR-1260-3

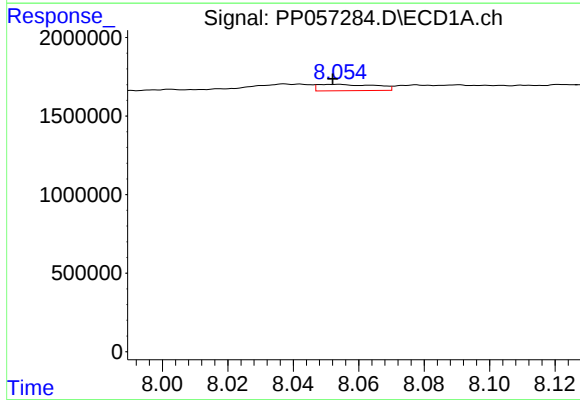
R.T.: 7.824 min
Delta R.T.: -0.001 min
Response: 132159
Conc: 1.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



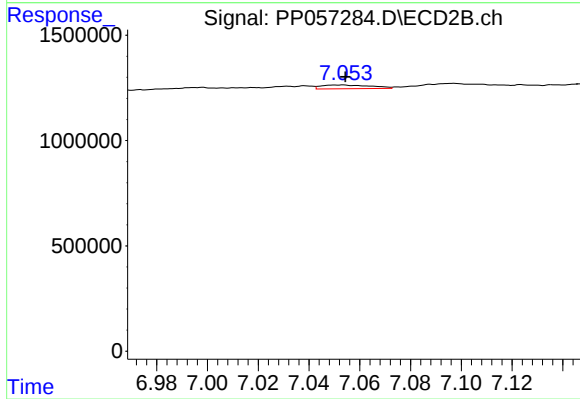
#33 AR-1260-3

R.T.: 6.562 min
Delta R.T.: -0.018 min
Response: 1455802
Conc: 12.91 ng/ml



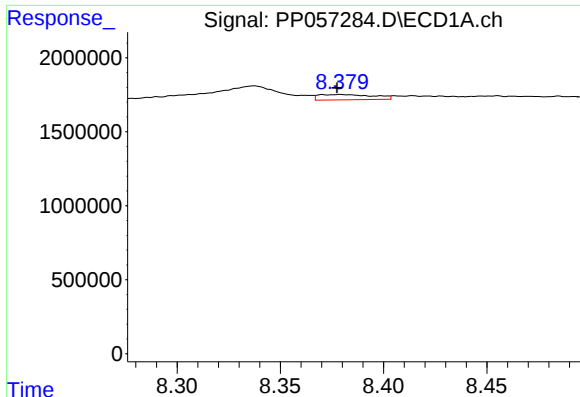
#34 AR-1260-4

R.T.: 8.054 min
Delta R.T.: 0.001 min
Response: 497430
Conc: 6.58 ng/ml



#34 AR-1260-4

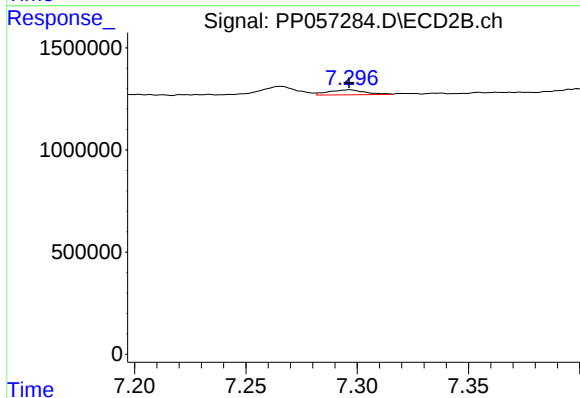
R.T.: 7.053 min
Delta R.T.: -0.002 min
Response: 236896
Conc: 2.57 ng/ml



#35 AR-1260-5

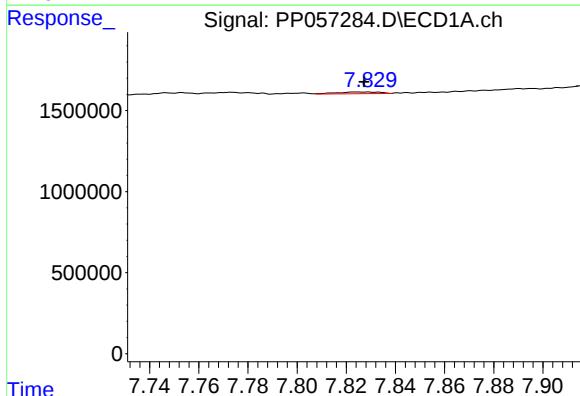
R.T.: 8.379 min
Delta R.T.: 0.002 min
Response: 654792
Conc: 5.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



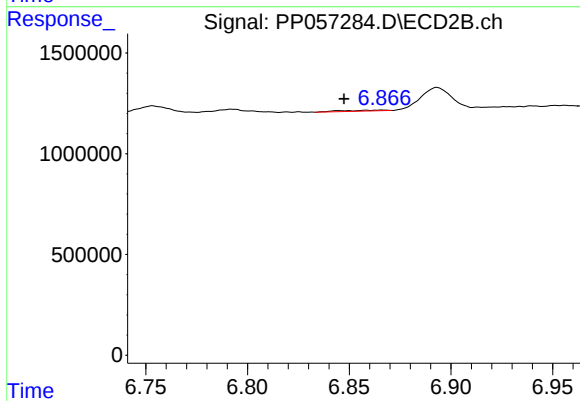
#35 AR-1260-5

R.T.: 7.296 min
Delta R.T.: 0.000 min
Response: 273659
Conc: 1.53 ng/ml



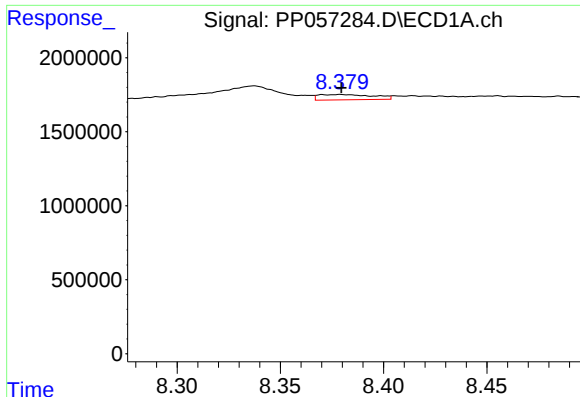
#36 AR-1262-1

R.T.: 7.824 min
Delta R.T.: -0.003 min
Response: 132159
Conc: 1.45 ng/ml



#36 AR-1262-1

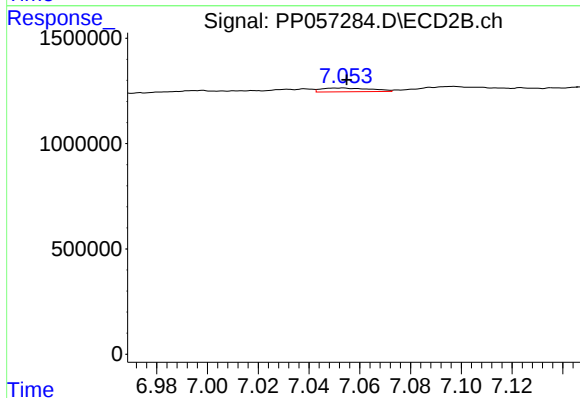
R.T.: 6.866 min
Delta R.T.: 0.019 min
Response: 66573
Conc: 1.23 ng/ml



#37 AR-1262-2

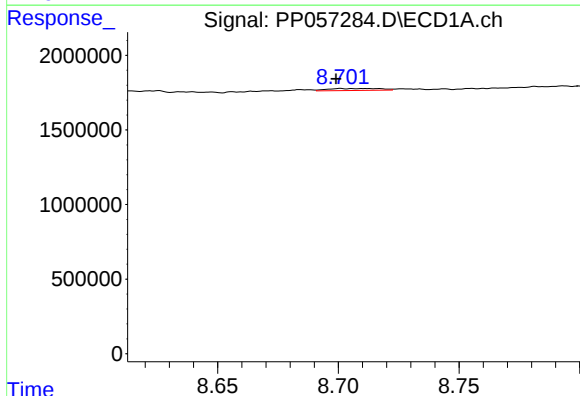
R.T.: 8.379 min
Delta R.T.: 0.000 min
Response: 654792
Conc: 5.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



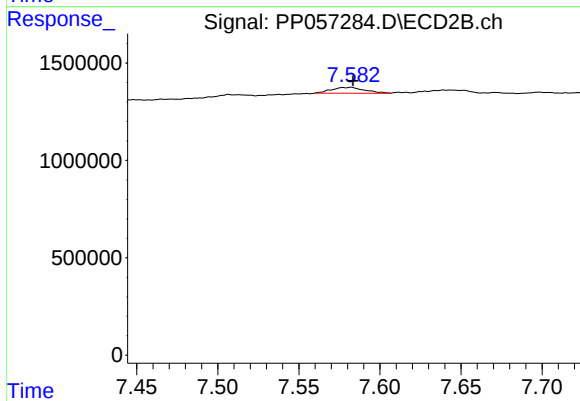
#37 AR-1262-2

R.T.: 7.053 min
Delta R.T.: -0.002 min
Response: 236896
Conc: 2.11 ng/ml



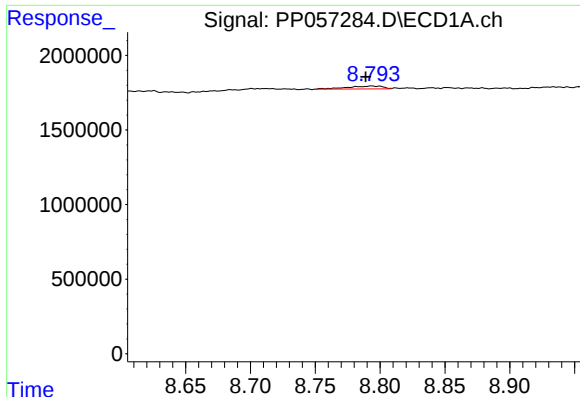
#38 AR-1262-3

R.T.: 8.701 min
Delta R.T.: 0.002 min
Response: 197093
Conc: 2.22 ng/ml



#38 AR-1262-3

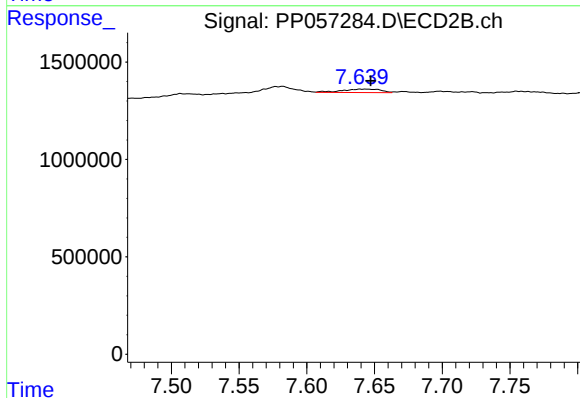
R.T.: 7.582 min
Delta R.T.: -0.001 min
Response: 425295
Conc: 5.36 ng/ml



#39 AR-1262-4

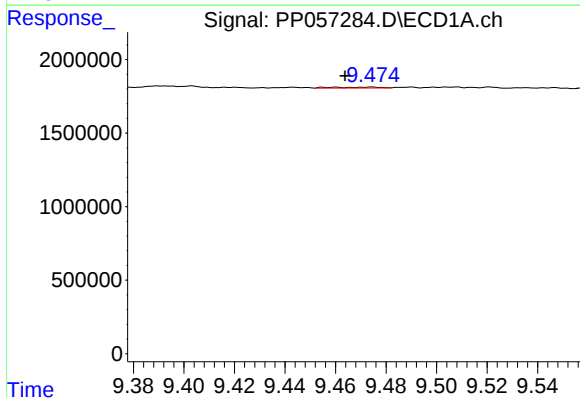
R.T.: 8.794 min
Delta R.T.: 0.005 min
Response: 369483
Conc: 5.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



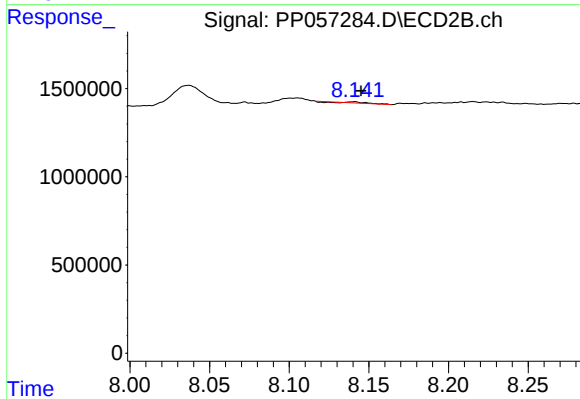
#39 AR-1262-4

R.T.: 7.640 min
Delta R.T.: -0.008 min
Response: 343829
Conc: 2.33 ng/ml



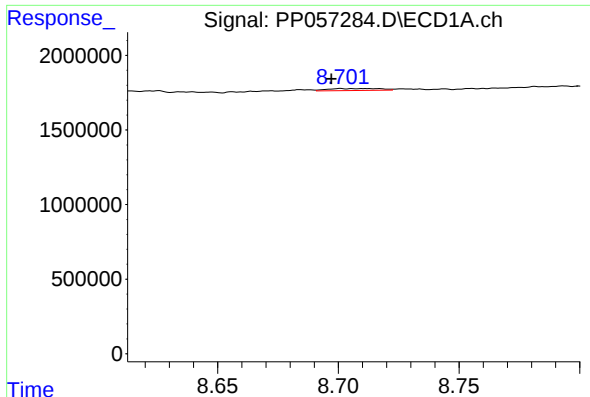
#40 AR-1262-5

R.T.: 9.474 min
Delta R.T.: 0.011 min
Response: 82375
Conc: 2.08 ng/ml



#40 AR-1262-5

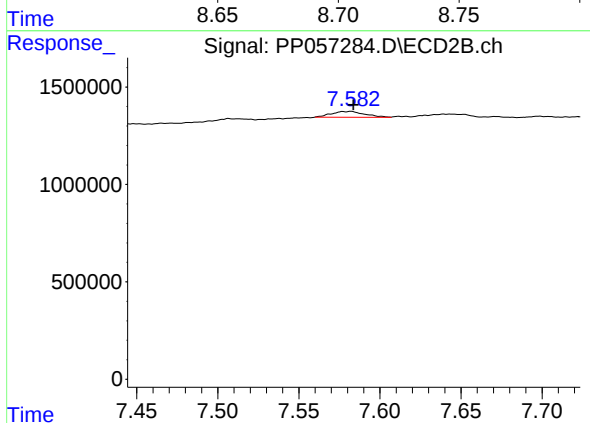
R.T.: 8.141 min
Delta R.T.: -0.004 min
Response: 53739
Conc: 0.82 ng/ml



#41 AR-1268-1

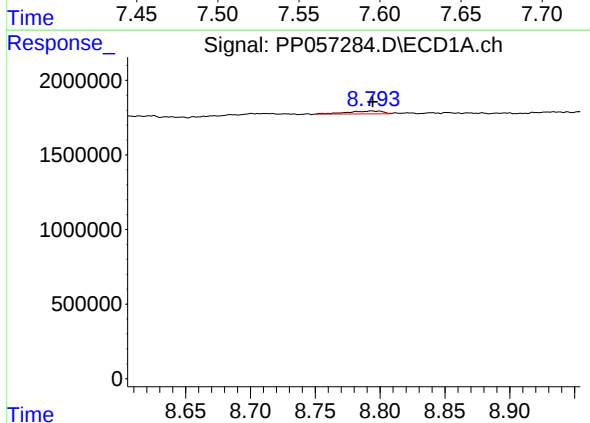
R.T.: 8.701 min
Delta R.T.: 0.004 min
Response: 197093
Conc: 1.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



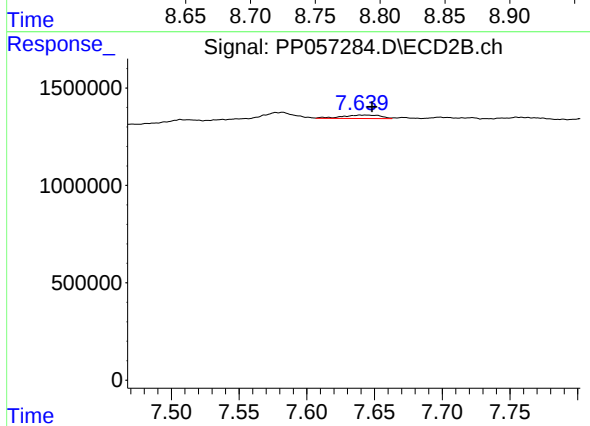
#41 AR-1268-1

R.T.: 7.582 min
Delta R.T.: -0.002 min
Response: 425295
Conc: 1.71 ng/ml



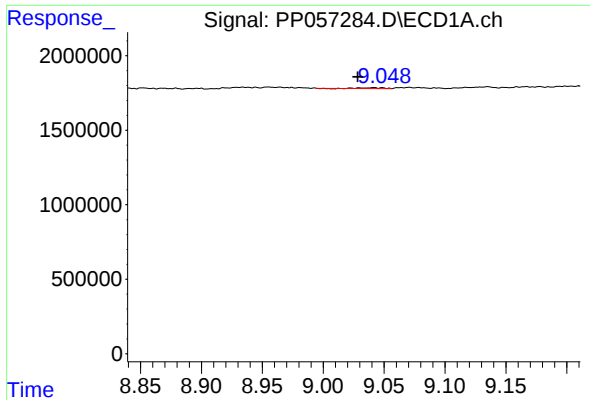
#42 AR-1268-2

R.T.: 8.794 min
Delta R.T.: 0.000 min
Response: 369483
Conc: 2.56 ng/ml



#42 AR-1268-2

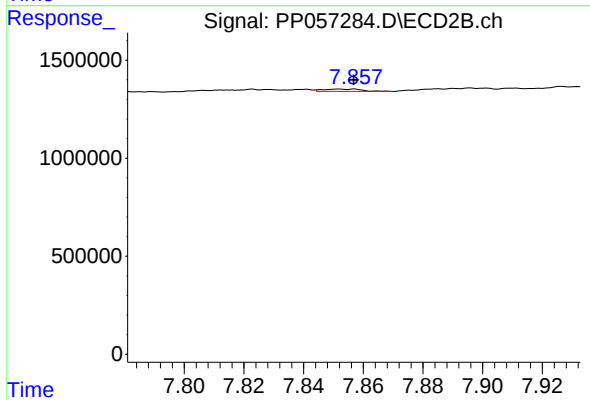
R.T.: 7.640 min
Delta R.T.: -0.008 min
Response: 343829
Conc: 1.51 ng/ml



#43 AR-1268-3

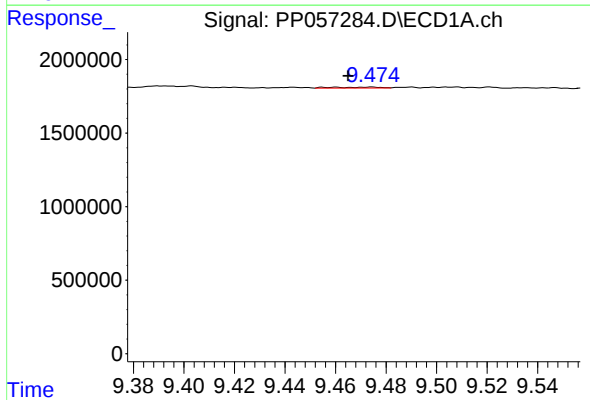
R.T.: 9.049 min
Delta R.T.: 0.020 min
Response: 60075
Conc: 0.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



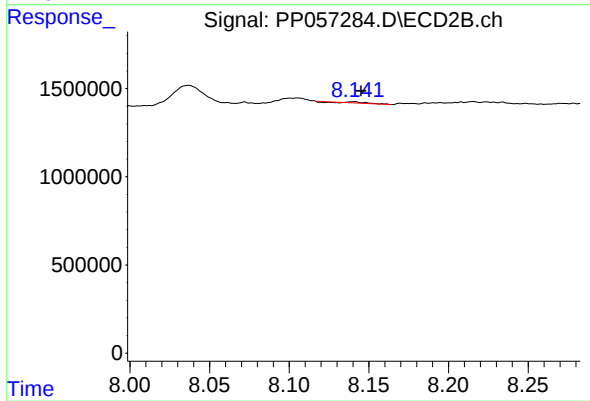
#43 AR-1268-3

R.T.: 7.857 min
Delta R.T.: 0.000 min
Response: 113107
Conc: 0.53 ng/ml



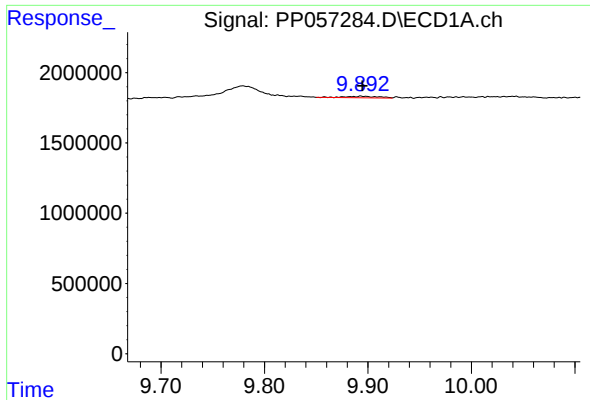
#44 AR-1268-4

R.T.: 9.474 min
Delta R.T.: 0.009 min
Response: 82375
Conc: 1.77 ng/ml



#44 AR-1268-4

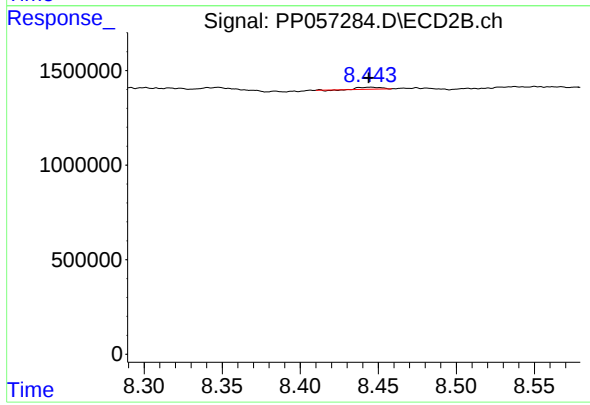
R.T.: 8.141 min
Delta R.T.: -0.004 min
Response: 53739
Conc: 0.72 ng/ml



#45 AR-1268-5

R.T.: 9.893 min
Delta R.T.: -0.002 min
Response: 239172
Conc: 0.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.445 min
Delta R.T.: 0.000 min
Response: 89412
Conc: 0.16 ng/ml