

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP040723\
 Data File : PP056736.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 18:30
 Operator : YP\AJ
 Sample : 02213-07
 Misc : AR1221 LOD 40 PPB
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 07 22:55:56 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...	4.433	3.661	37969532	30807843	17.673	17.714
2)	SA Decachlor...	10.267	8.745	26132590	32272433	19.965	20.526
Target Compounds							
3)	L1 AR-1016-1	5.609	4.762	273419	162430	4.453	3.050 #
4)	L1 AR-1016-2	5.633	4.780	313255	272568	3.513	3.676
5)	L1 AR-1016-3	5.693	4.960	326722	68320	5.763	1.698 #
6)	L1 AR-1016-4	5.793	5.014	154716	74595	3.455	2.059 #
7)	L1 AR-1016-5	6.093	5.219	175929	101663	3.752	2.165 #
8)	L2 AR-1221-1	4.641	3.878	890030	776962	33.743	35.477
9)	L2 AR-1221-2	4.734	3.965	990847	962636	51.006	58.591
10)	L2 AR-1221-3	4.806	4.043	2112081	1843539	37.071	37.597
11)	L3 AR-1232-1	4.806	4.043	2112081	1843539	43.852	44.812
12)	L3 AR-1232-2	5.341	4.780	206701	272568	8.275	7.953
13)	L3 AR-1232-3	5.633	4.960	313255	68320	7.770	3.713 #
14)	L3 AR-1232-4	5.793	5.043	154716	80544	7.679	4.203 #
15)	L3 AR-1232-5	0.000	5.219	0	101663	N.D.	4.783 #
16)	L4 AR-1242-1	5.609	4.762	273419	162430	5.437	3.777 #
17)	L4 AR-1242-2	5.633	4.780	313255	272568	4.302	4.581
18)	L4 AR-1242-3	5.693	4.960	326722	68320	7.131	2.118 #
19)	L4 AR-1242-4	5.793	5.043	154716	80544	4.288	2.211 #
20)	L4 AR-1242-5	6.536	5.573	103402	73336	3.115	1.839 #
21)	L5 AR-1248-1	5.609	4.762	273419	162430	7.287	4.934 #
22)	L5 AR-1248-2	0.000	5.014	0	74595	N.D.	1.447 #
23)	L5 AR-1248-3	6.093	5.043	175929	80544	2.761	1.500 #
24)	L5 AR-1248-4	6.470f	5.219	339347	101663	5.843	1.643 #
25)	L5 AR-1248-5	6.536	5.600f	103402	250829	1.831	4.885 #
26)	L6 AR-1254-1	6.470	5.573	339347	73336	4.786	0.796 #
27)	L6 AR-1254-2	0.000	5.721	0	483167	N.D.	6.012 #
28)	L6 AR-1254-3	7.058	6.141	136681	85596	1.410	0.692 #
29)	L6 AR-1254-4	0.000	6.370	0	23499	N.D.	0.370 #
30)	L6 AR-1254-5	0.000	6.783	0	385306	N.D.	3.665 #
31)	L7 AR-1260-1	0.000	6.264	0	26728	N.D.	0.279 #
32)	L7 AR-1260-2	7.504f	6.462	196643	27804	2.305	0.269 #
33)	L7 AR-1260-3	0.000	6.614	0	239324	N.D.	2.308 #
35)	L7 AR-1260-5	0.000	7.343	0	13397	N.D.	0.085 #
36)	L8 AR-1262-1	0.000	6.871	0	112566	N.D.	2.406 #
38)	L8 AR-1262-3	0.000	7.616	0	2504	N.D.	0.038 #
39)	L8 AR-1262-4	8.813	7.690	107400	91347	2.365	0.775 #
40)	L8 AR-1262-5	9.482	8.179	102588	28453	2.554	0.584 #
41)	L9 AR-1268-1	0.000	7.616	0	2504	N.D.	0.011 #
42)	L9 AR-1268-2	8.813	7.690	107400	91347	0.647	0.470 #
43)	L9 AR-1268-3	0.000	7.889	0	62649	N.D.	0.316 #

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 Data File : PP056736.D
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 Acq On : 07 Apr 2023 18:30
 Operator : YP\AJ
 Sample : 02213-07
 Misc : AR1221 LOD 40 PPB
 ALS Vial : 31 Sample Multiplier: 1

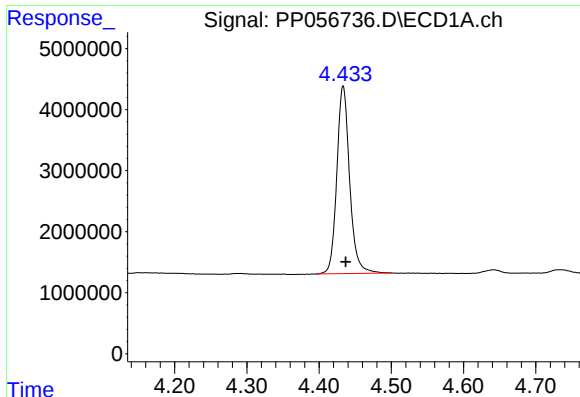
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 07 22:55:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP040623.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
44) L9	AR-1268-4	9.482	8.179	102588	28453	2.210	0.492 #
45) L9	AR-1268-5	0.000	8.480	0	378992	N.D.	0.746 #

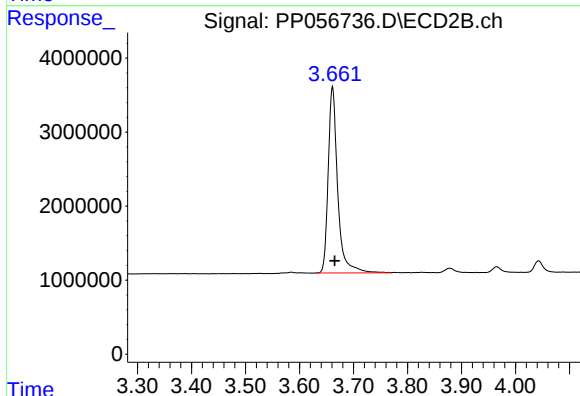
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

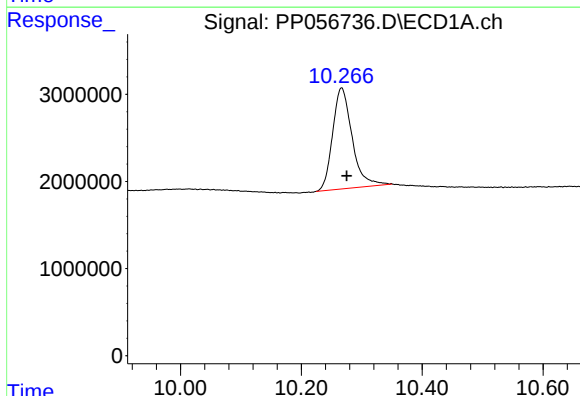
R.T.: 4.433 min
Delta R.T.: -0.004 min
Response: 37969532
Conc: 17.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



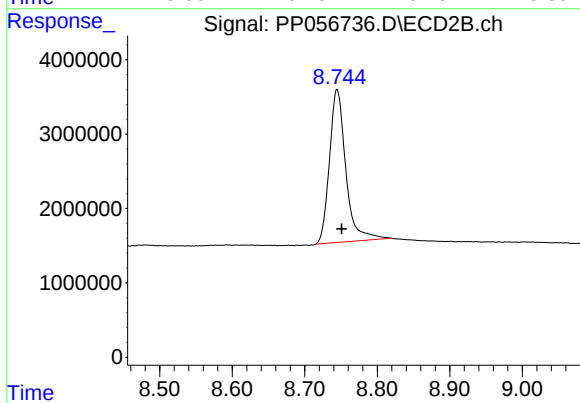
#1 Tetrachloro-m-xylene

R.T.: 3.661 min
Delta R.T.: -0.004 min
Response: 30807843
Conc: 17.71 ng/ml



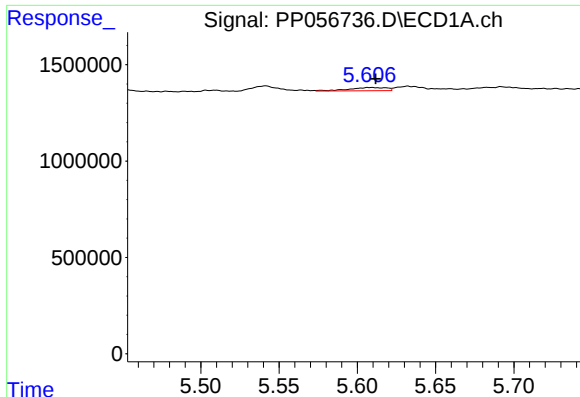
#2 Decachlorobiphenyl

R.T.: 10.267 min
Delta R.T.: -0.008 min
Response: 26132590
Conc: 19.97 ng/ml



#2 Decachlorobiphenyl

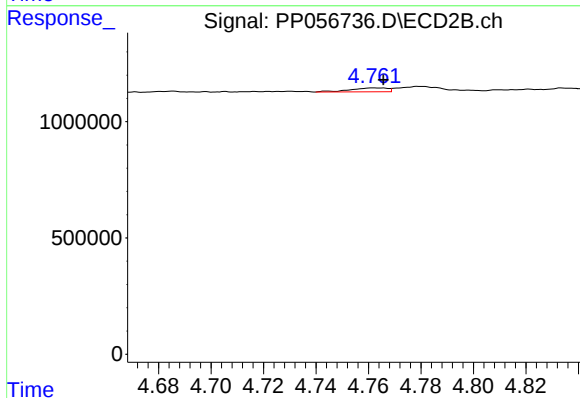
R.T.: 8.745 min
Delta R.T.: -0.007 min
Response: 32272433
Conc: 20.53 ng/ml



#3 AR-1016-1

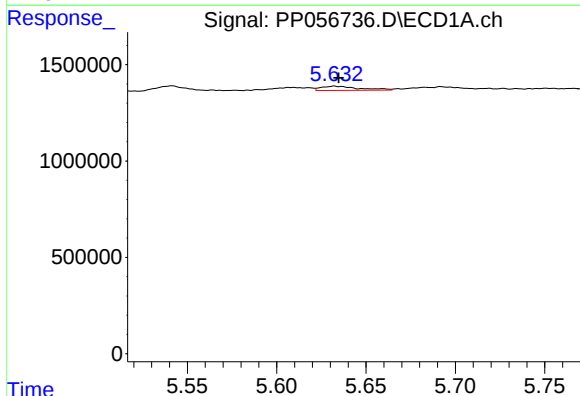
R.T.: 5.609 min
Delta R.T.: -0.003 min
Response: 273419
Conc: 4.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



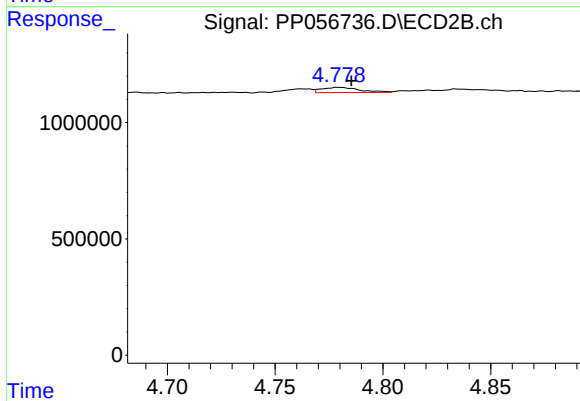
#3 AR-1016-1

R.T.: 4.762 min
Delta R.T.: -0.003 min
Response: 162430
Conc: 3.05 ng/ml



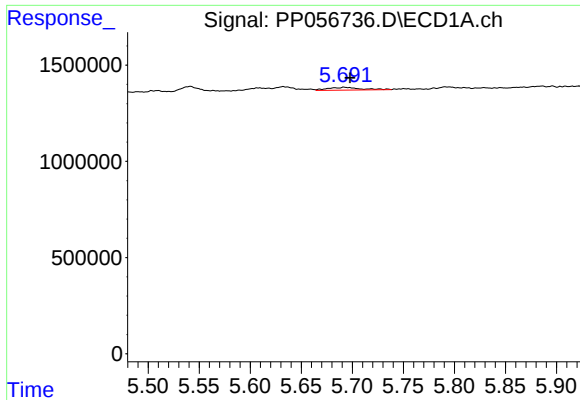
#4 AR-1016-2

R.T.: 5.633 min
Delta R.T.: -0.002 min
Response: 313255
Conc: 3.51 ng/ml



#4 AR-1016-2

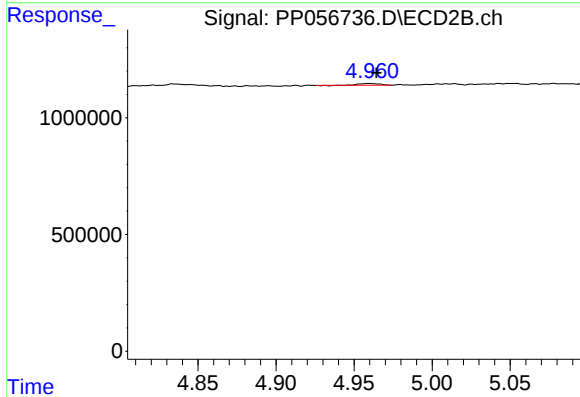
R.T.: 4.780 min
Delta R.T.: -0.006 min
Response: 272568
Conc: 3.68 ng/ml



#5 AR-1016-3

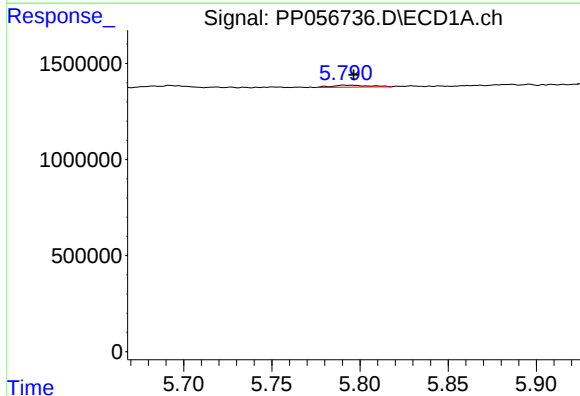
R.T.: 5.693 min
Delta R.T.: -0.005 min
Response: 326722
Conc: 5.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



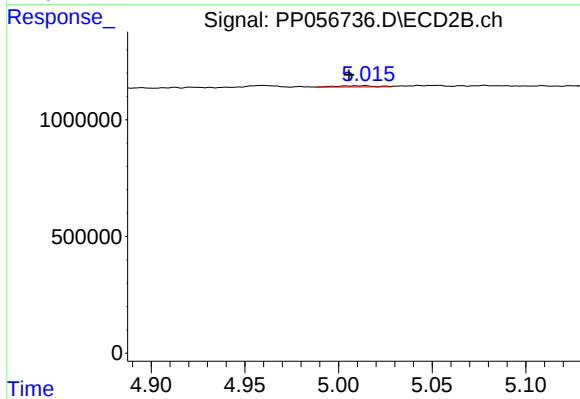
#5 AR-1016-3

R.T.: 4.960 min
Delta R.T.: -0.005 min
Response: 68320
Conc: 1.70 ng/ml



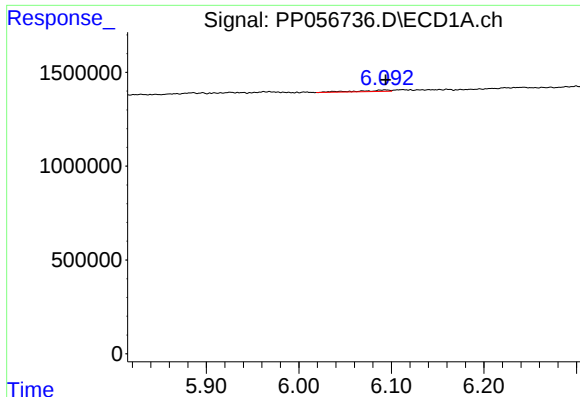
#6 AR-1016-4

R.T.: 5.793 min
Delta R.T.: -0.004 min
Response: 154716
Conc: 3.46 ng/ml



#6 AR-1016-4

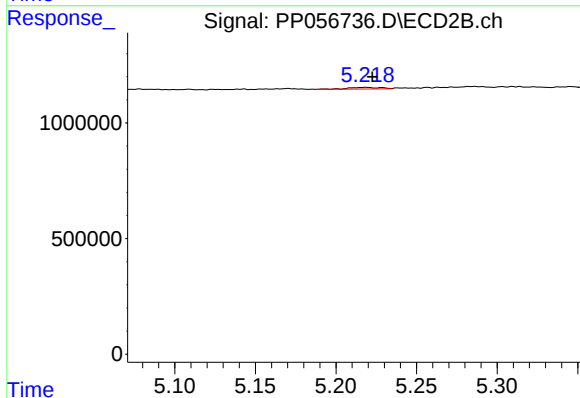
R.T.: 5.014 min
Delta R.T.: 0.009 min
Response: 74595
Conc: 2.06 ng/ml



#7 AR-1016-5

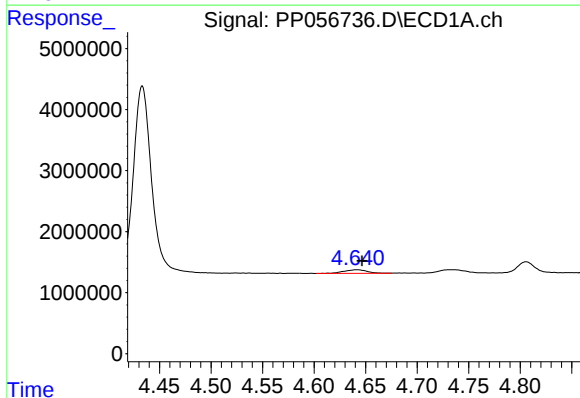
R.T.: 6.093 min
Delta R.T.: -0.001 min
Response: 175929
Conc: 3.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



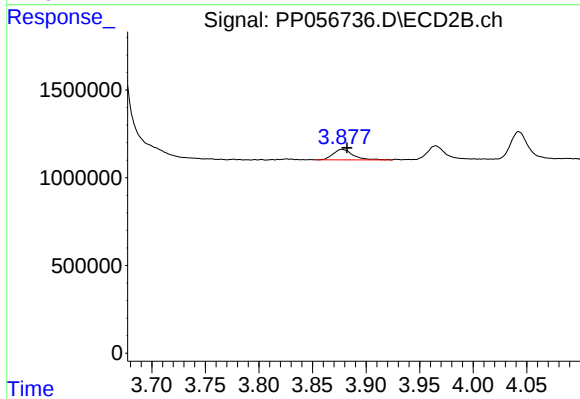
#7 AR-1016-5

R.T.: 5.219 min
Delta R.T.: -0.004 min
Response: 101663
Conc: 2.16 ng/ml



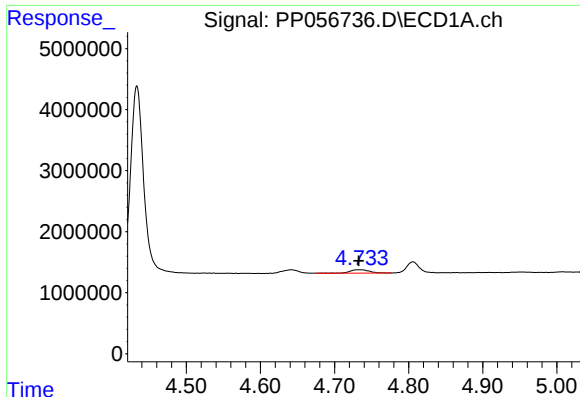
#8 AR-1221-1

R.T.: 4.641 min
Delta R.T.: -0.005 min
Response: 890030
Conc: 33.74 ng/ml



#8 AR-1221-1

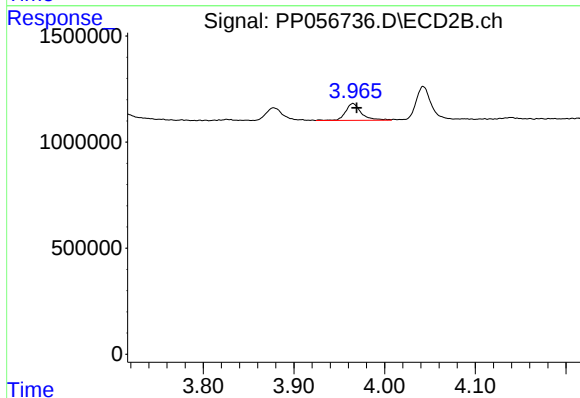
R.T.: 3.878 min
Delta R.T.: -0.005 min
Response: 776962
Conc: 35.48 ng/ml



#9 AR-1221-2

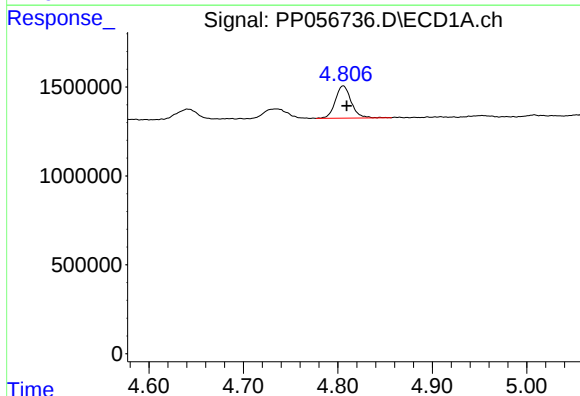
R.T.: 4.734 min
Delta R.T.: 0.001 min
Response: 990847
Conc: 51.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



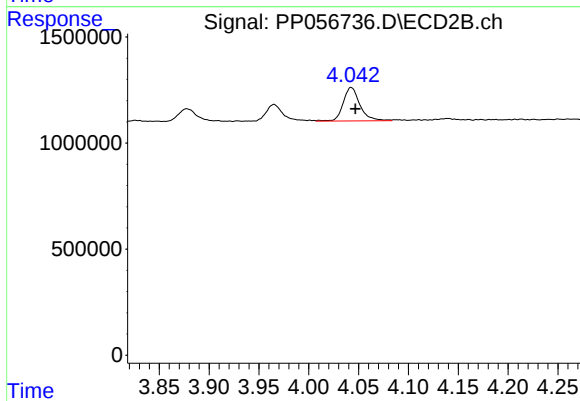
#9 AR-1221-2

R.T.: 3.965 min
Delta R.T.: -0.004 min
Response: 962636
Conc: 58.59 ng/ml



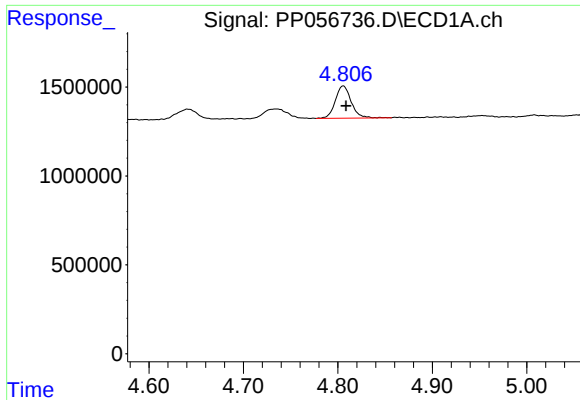
#10 AR-1221-3

R.T.: 4.806 min
Delta R.T.: -0.004 min
Response: 2112081
Conc: 37.07 ng/ml



#10 AR-1221-3

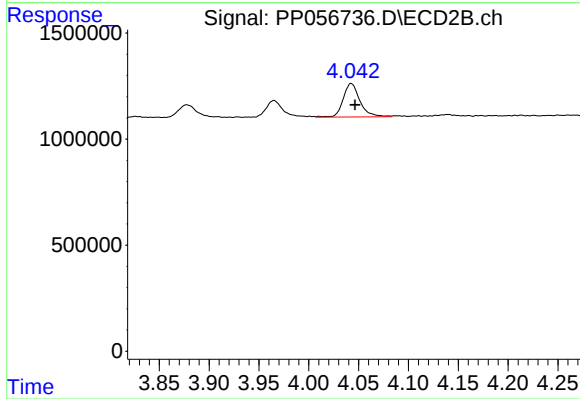
R.T.: 4.043 min
Delta R.T.: -0.004 min
Response: 1843539
Conc: 37.60 ng/ml



#11 AR-1232-1

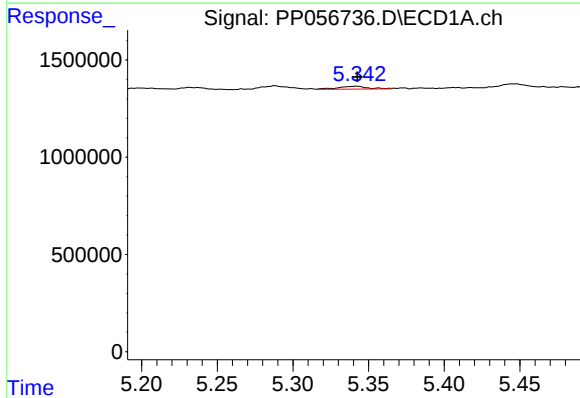
R.T.: 4.806 min
Delta R.T.: -0.003 min
Response: 2112081
Conc: 43.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



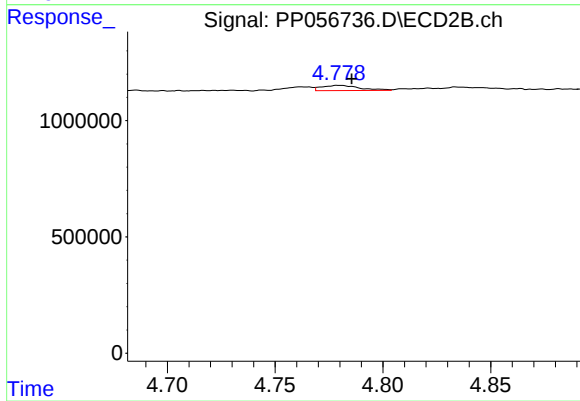
#11 AR-1232-1

R.T.: 4.043 min
Delta R.T.: -0.004 min
Response: 1843539
Conc: 44.81 ng/ml



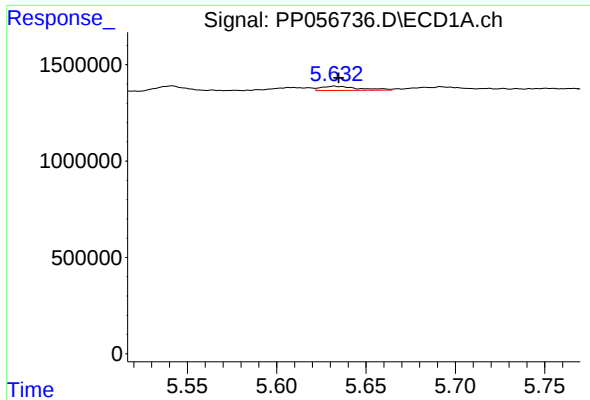
#12 AR-1232-2

R.T.: 5.341 min
Delta R.T.: -0.002 min
Response: 206701
Conc: 8.27 ng/ml



#12 AR-1232-2

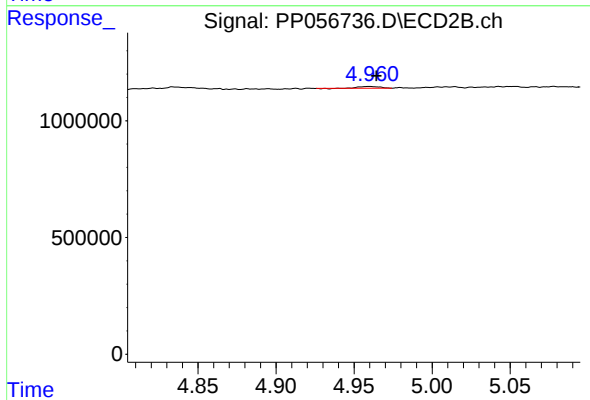
R.T.: 4.780 min
Delta R.T.: -0.006 min
Response: 272568
Conc: 7.95 ng/ml



#13 AR-1232-3

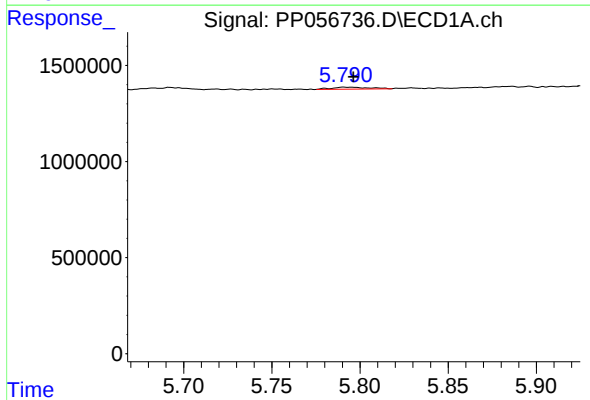
R.T.: 5.633 min
Delta R.T.: -0.002 min
Response: 313255
Conc: 7.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



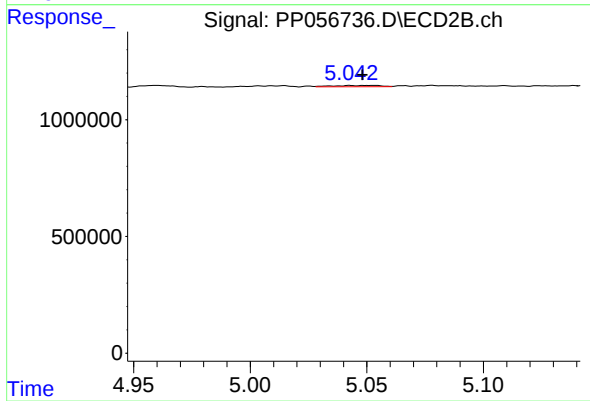
#13 AR-1232-3

R.T.: 4.960 min
Delta R.T.: -0.005 min
Response: 68320
Conc: 3.71 ng/ml



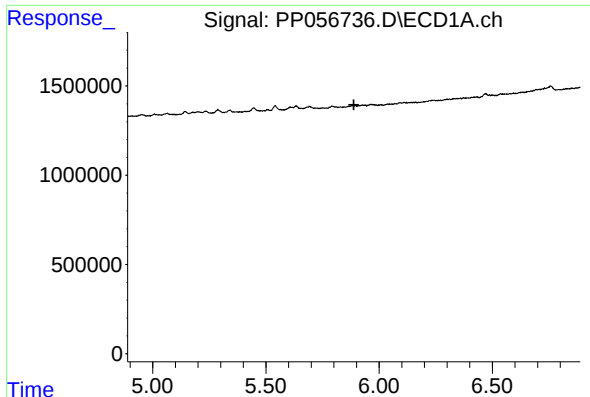
#14 AR-1232-4

R.T.: 5.793 min
Delta R.T.: -0.003 min
Response: 154716
Conc: 7.68 ng/ml



#14 AR-1232-4

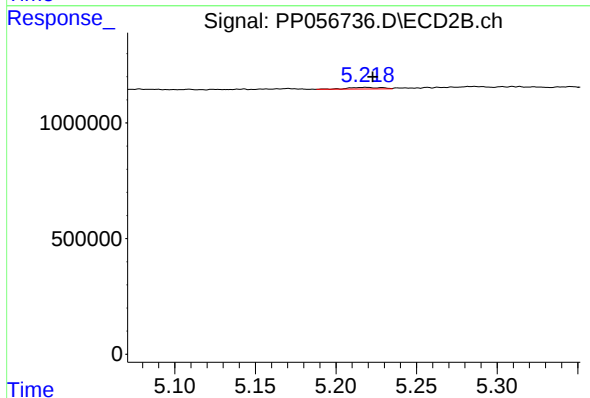
R.T.: 5.043 min
Delta R.T.: -0.005 min
Response: 80544
Conc: 4.20 ng/ml



#15 AR-1232-5

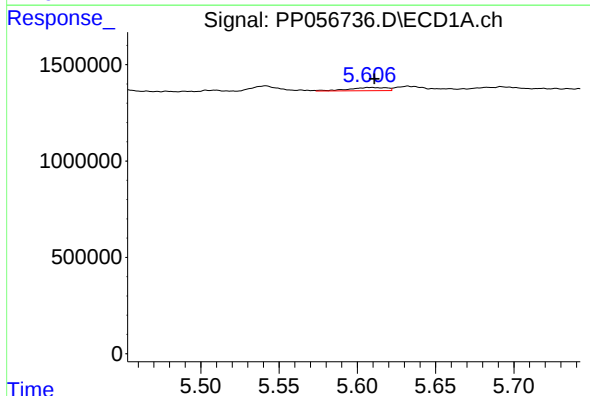
R.T.: 0.000 min
Exp R.T.: 5.888 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



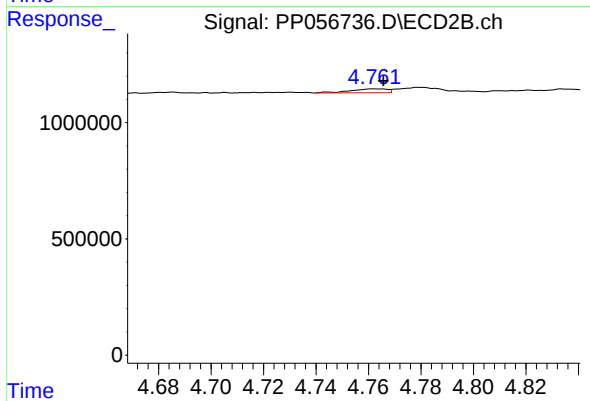
#15 AR-1232-5

R.T.: 5.219 min
Delta R.T.: -0.004 min
Response: 101663
Conc: 4.78 ng/ml



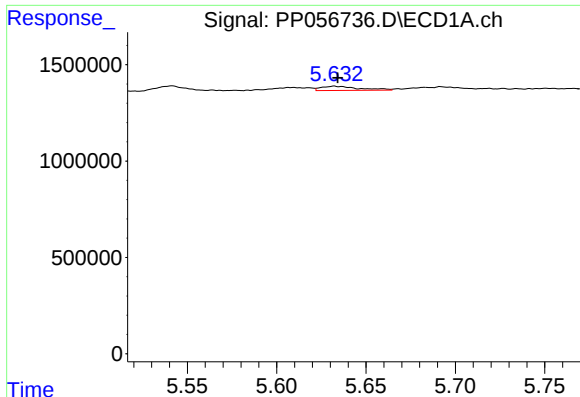
#16 AR-1242-1

R.T.: 5.609 min
Delta R.T.: -0.002 min
Response: 273419
Conc: 5.44 ng/ml



#16 AR-1242-1

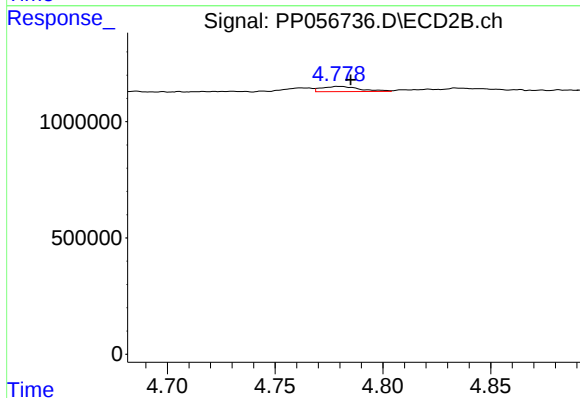
R.T.: 4.762 min
Delta R.T.: -0.003 min
Response: 162430
Conc: 3.78 ng/ml



#17 AR-1242-2

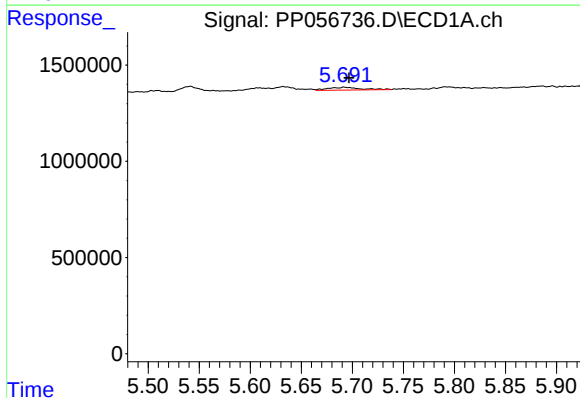
R.T.: 5.633 min
Delta R.T.: -0.001 min
Response: 313255
Conc: 4.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



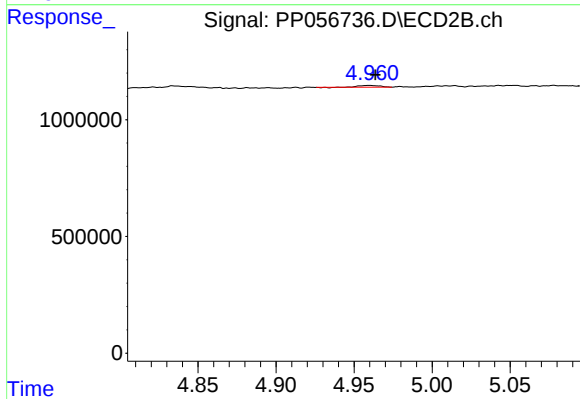
#17 AR-1242-2

R.T.: 4.780 min
Delta R.T.: -0.005 min
Response: 272568
Conc: 4.58 ng/ml



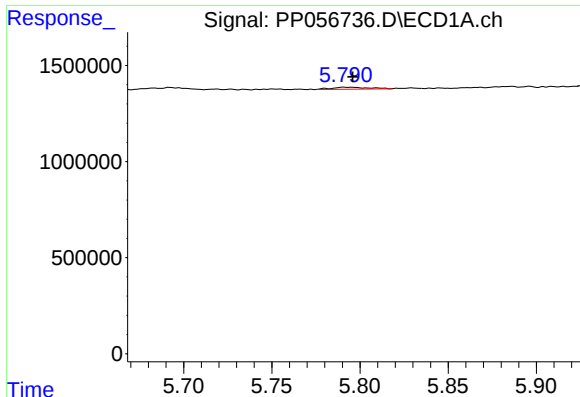
#18 AR-1242-3

R.T.: 5.693 min
Delta R.T.: -0.004 min
Response: 326722
Conc: 7.13 ng/ml



#18 AR-1242-3

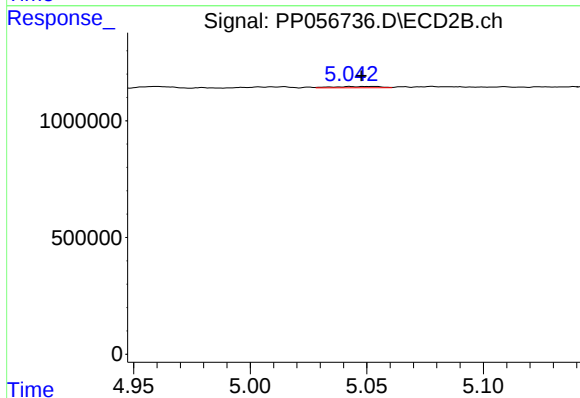
R.T.: 4.960 min
Delta R.T.: -0.004 min
Response: 68320
Conc: 2.12 ng/ml



#19 AR-1242-4

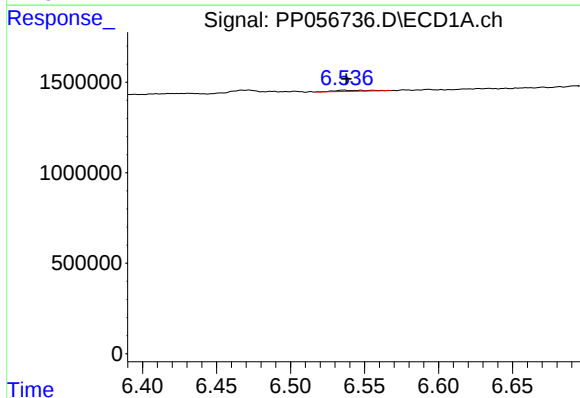
R.T.: 5.793 min
Delta R.T.: -0.003 min
Response: 154716
Conc: 4.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



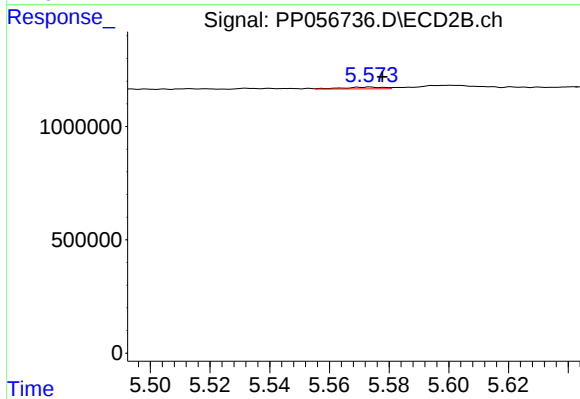
#19 AR-1242-4

R.T.: 5.043 min
Delta R.T.: -0.005 min
Response: 80544
Conc: 2.21 ng/ml



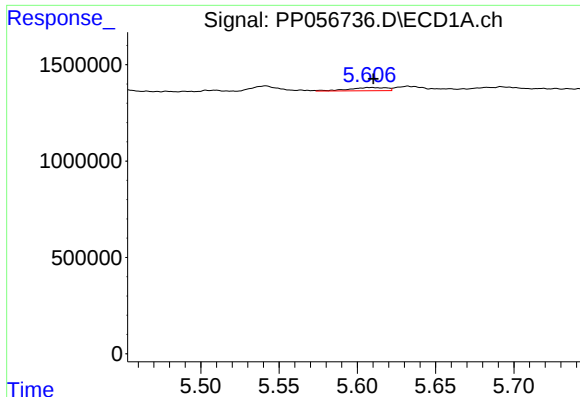
#20 AR-1242-5

R.T.: 6.536 min
Delta R.T.: -0.001 min
Response: 103402
Conc: 3.12 ng/ml



#20 AR-1242-5

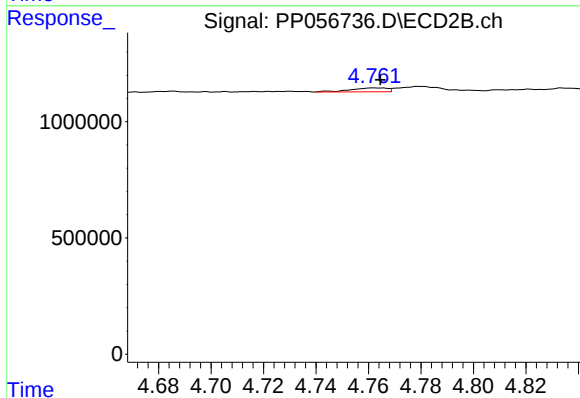
R.T.: 5.573 min
Delta R.T.: -0.004 min
Response: 73336
Conc: 1.84 ng/ml



#21 AR-1248-1

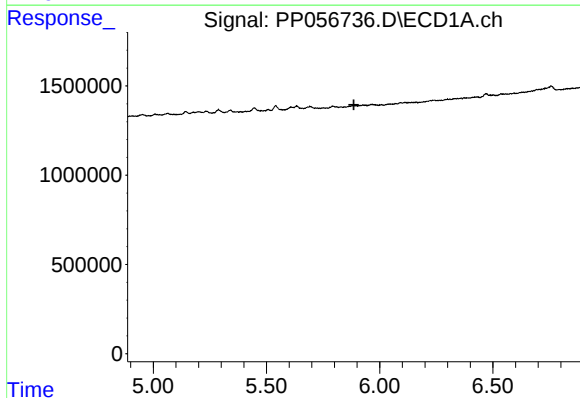
R.T.: 5.609 min
Delta R.T.: -0.001 min
Response: 273419
Conc: 7.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



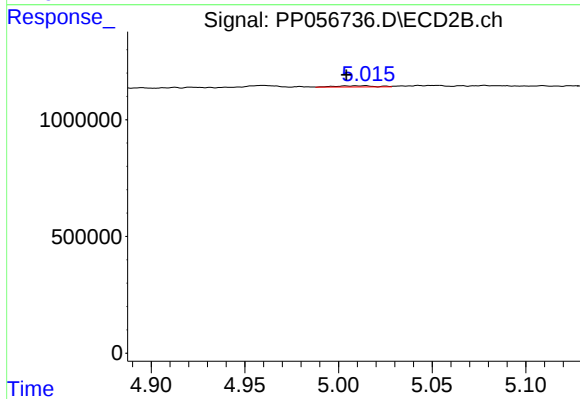
#21 AR-1248-1

R.T.: 4.762 min
Delta R.T.: -0.002 min
Response: 162430
Conc: 4.93 ng/ml



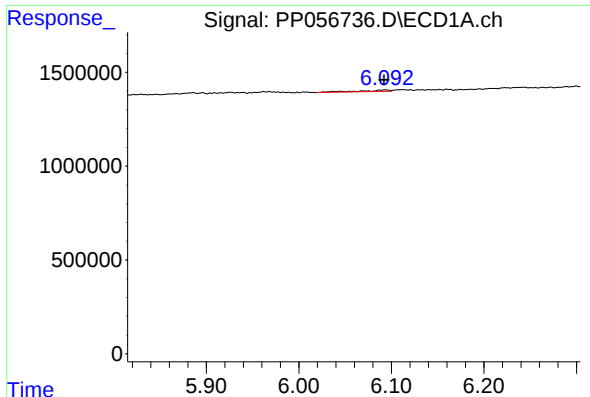
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.886 min
Response: 0
Conc: N.D.



#22 AR-1248-2

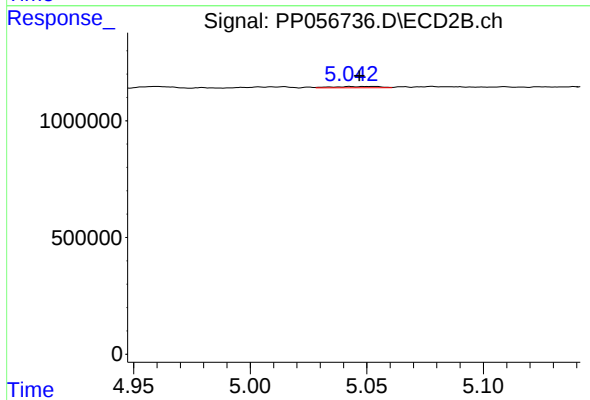
R.T.: 5.014 min
Delta R.T.: 0.010 min
Response: 74595
Conc: 1.45 ng/ml



#23 AR-1248-3

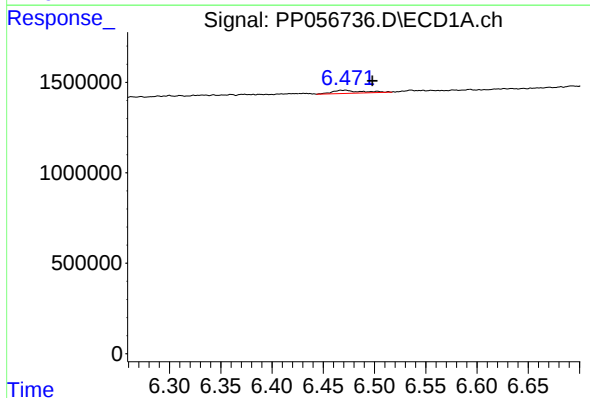
R.T.: 6.093 min
Delta R.T.: 0.000 min
Response: 175929
Conc: 2.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



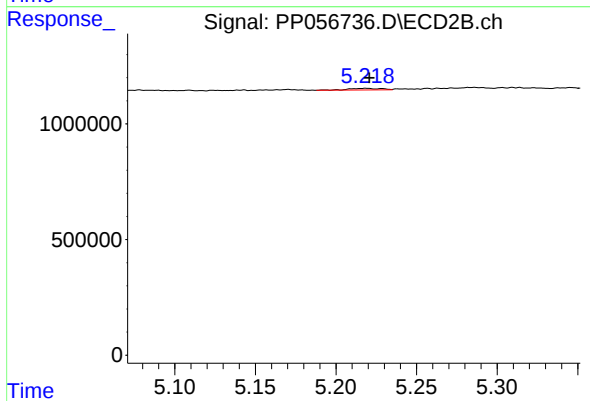
#23 AR-1248-3

R.T.: 5.043 min
Delta R.T.: -0.004 min
Response: 80544
Conc: 1.50 ng/ml



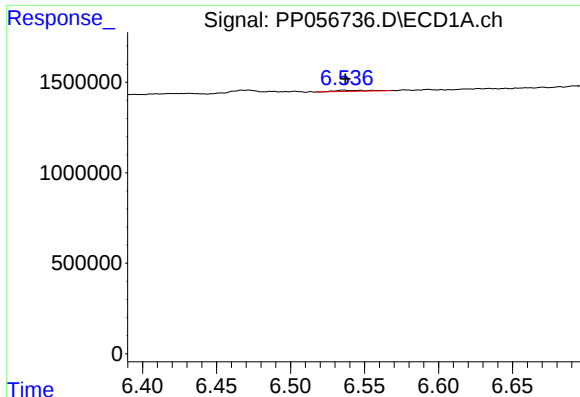
#24 AR-1248-4

R.T.: 6.470 min
Delta R.T.: -0.028 min
Response: 339347
Conc: 5.84 ng/ml



#24 AR-1248-4

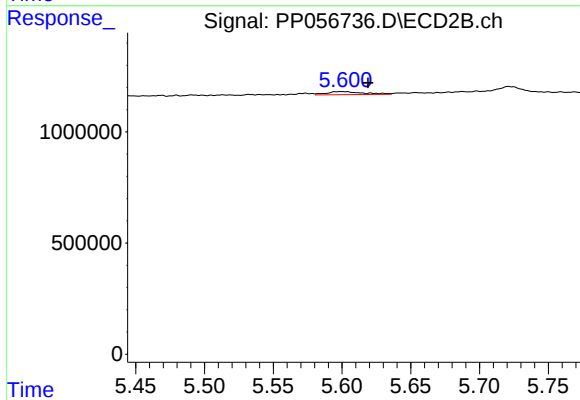
R.T.: 5.219 min
Delta R.T.: -0.002 min
Response: 101663
Conc: 1.64 ng/ml



#25 AR-1248-5

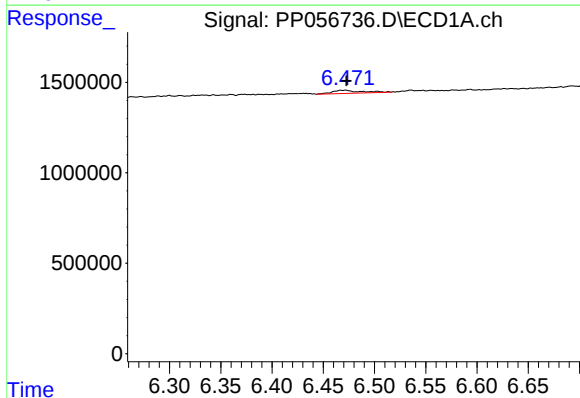
R.T.: 6.536 min
Delta R.T.: 0.000 min
Response: 103402
Conc: 1.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



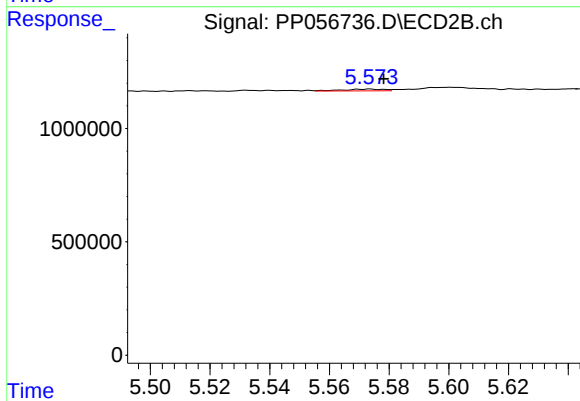
#25 AR-1248-5

R.T.: 5.600 min
Delta R.T.: -0.018 min
Response: 250829
Conc: 4.89 ng/ml



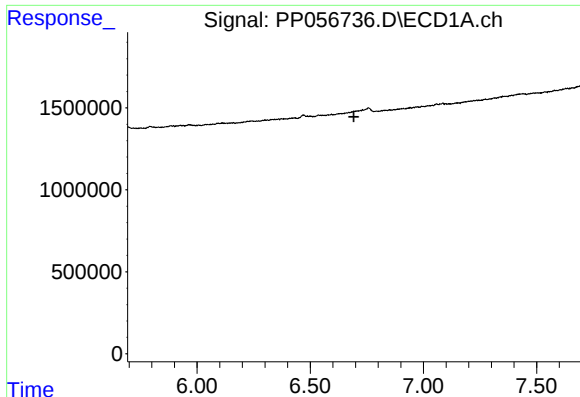
#26 AR-1254-1

R.T.: 6.470 min
Delta R.T.: -0.002 min
Response: 339347
Conc: 4.79 ng/ml



#26 AR-1254-1

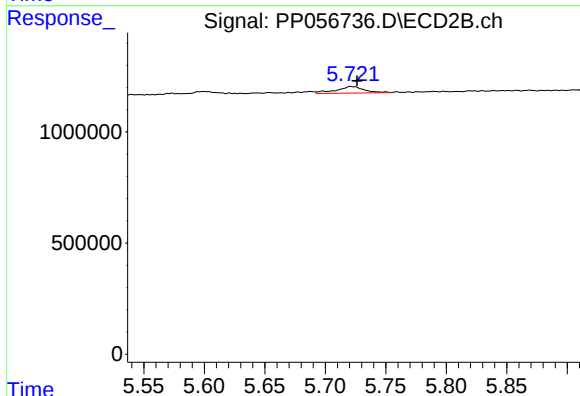
R.T.: 5.573 min
Delta R.T.: -0.005 min
Response: 73336
Conc: 0.80 ng/ml



#27 AR-1254-2

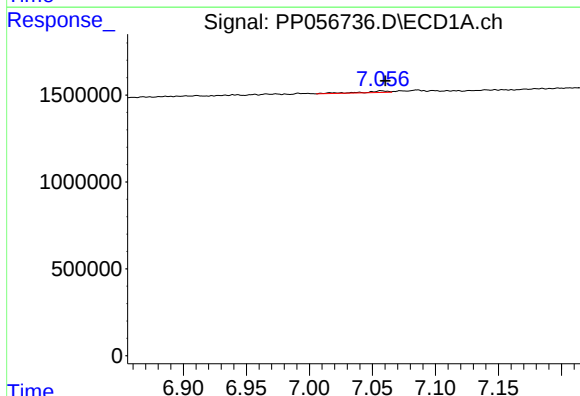
R.T.: 0.000 min
Exp R.T.: 6.693 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



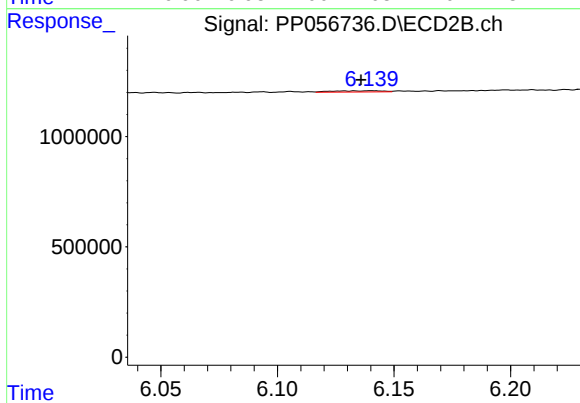
#27 AR-1254-2

R.T.: 5.721 min
Delta R.T.: -0.005 min
Response: 483167
Conc: 6.01 ng/ml



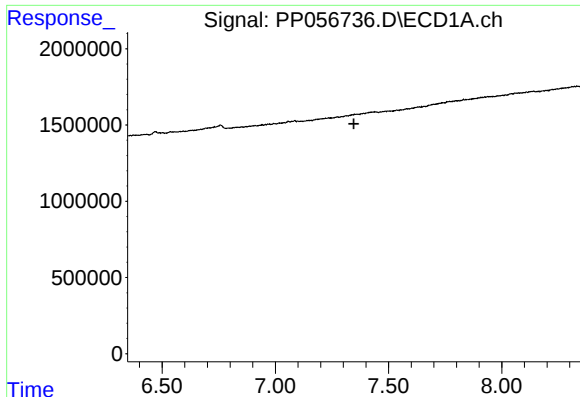
#28 AR-1254-3

R.T.: 7.058 min
Delta R.T.: -0.003 min
Response: 136681
Conc: 1.41 ng/ml



#28 AR-1254-3

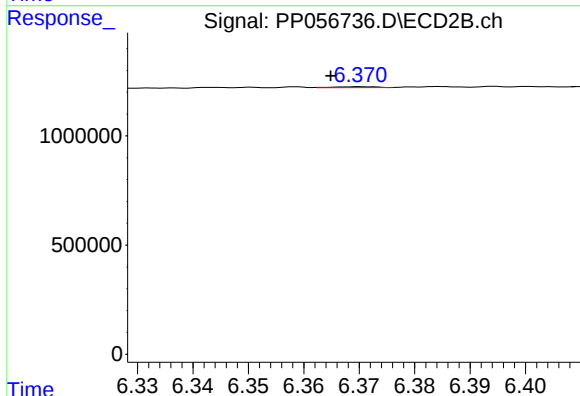
R.T.: 6.141 min
Delta R.T.: 0.005 min
Response: 85596
Conc: 0.69 ng/ml



#29 AR-1254-4

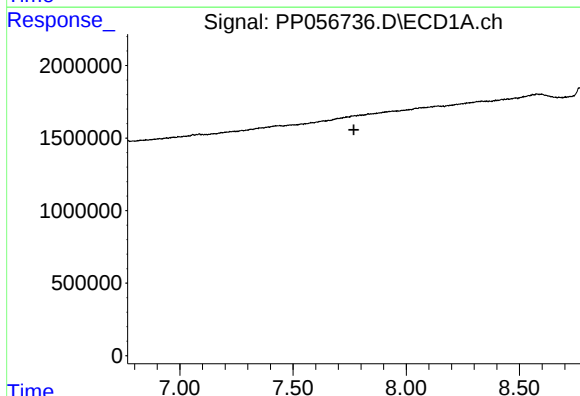
R.T.: 0.000 min
Exp R.T.: 7.347 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



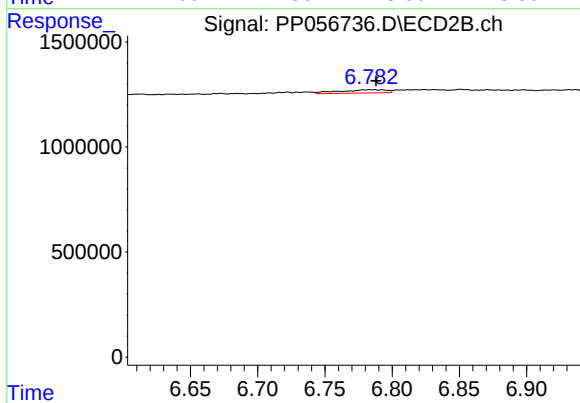
#29 AR-1254-4

R.T.: 6.370 min
Delta R.T.: 0.006 min
Response: 23499
Conc: 0.37 ng/ml



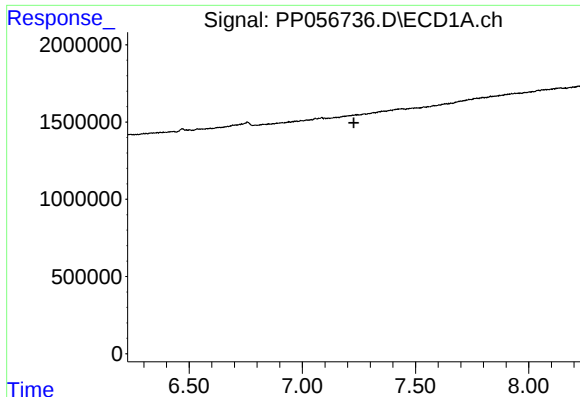
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 7.769 min
Response: 0
Conc: N.D.



#30 AR-1254-5

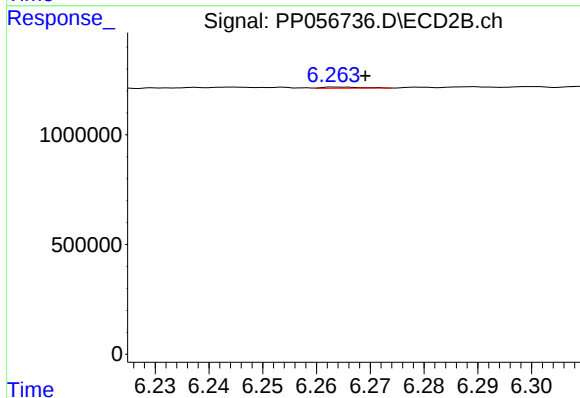
R.T.: 6.783 min
Delta R.T.: -0.005 min
Response: 385306
Conc: 3.66 ng/ml



#31 AR-1260-1

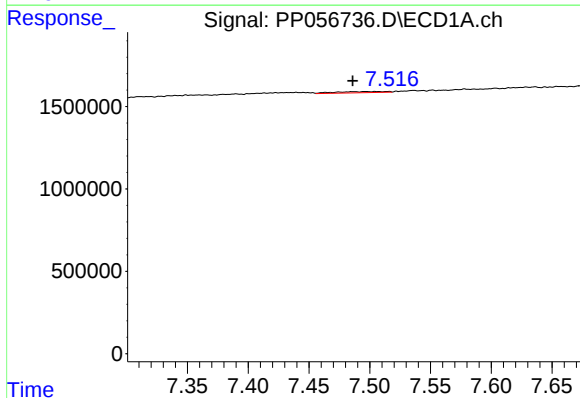
R.T.: 0.000 min
Exp R.T.: 7.228 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



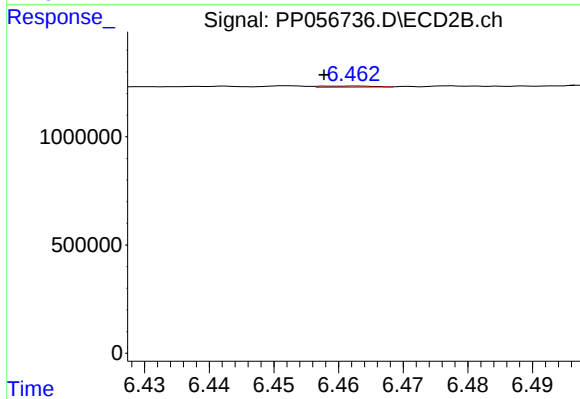
#31 AR-1260-1

R.T.: 6.264 min
Delta R.T.: -0.005 min
Response: 26728
Conc: 0.28 ng/ml



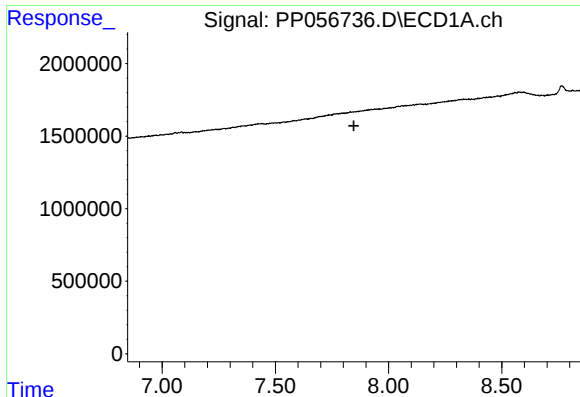
#32 AR-1260-2

R.T.: 7.504 min
Delta R.T.: 0.018 min
Response: 196643
Conc: 2.30 ng/ml



#32 AR-1260-2

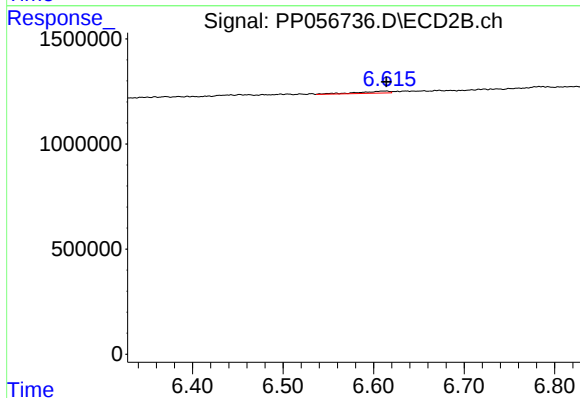
R.T.: 6.462 min
Delta R.T.: 0.005 min
Response: 27804
Conc: 0.27 ng/ml



#33 AR-1260-3

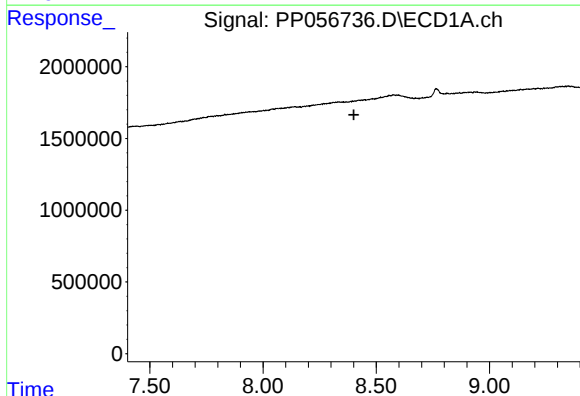
R.T.: 0.000 min
Exp R.T.: 7.847 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



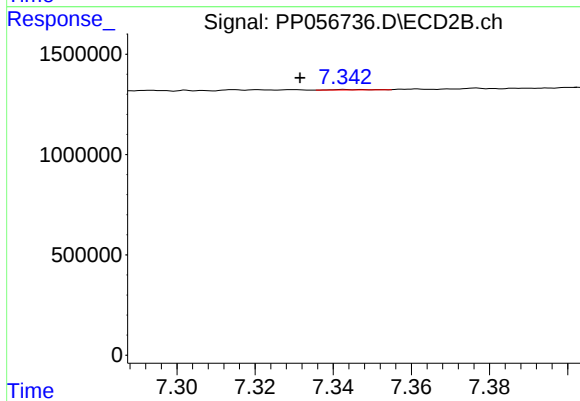
#33 AR-1260-3

R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 239324
Conc: 2.31 ng/ml



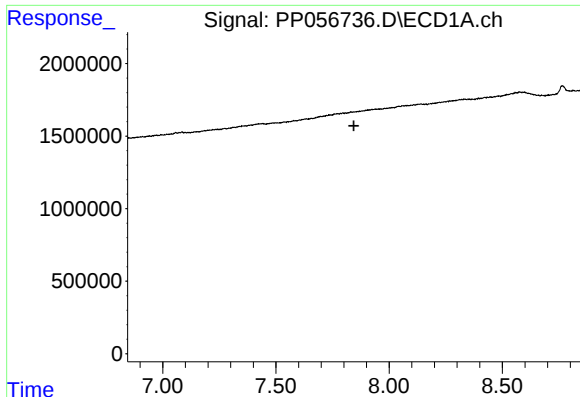
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 8.401 min
Response: 0
Conc: N.D.



#35 AR-1260-5

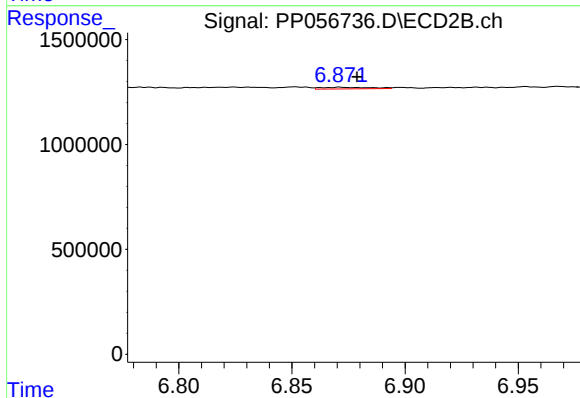
R.T.: 7.343 min
Delta R.T.: 0.011 min
Response: 13397
Conc: 0.08 ng/ml



#36 AR-1262-1

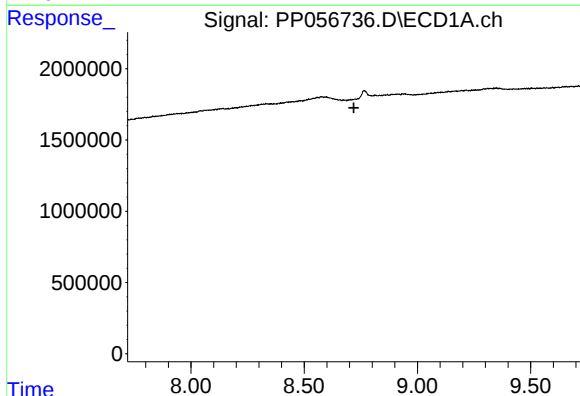
R.T.: 0.000 min
Exp R.T.: 7.844 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



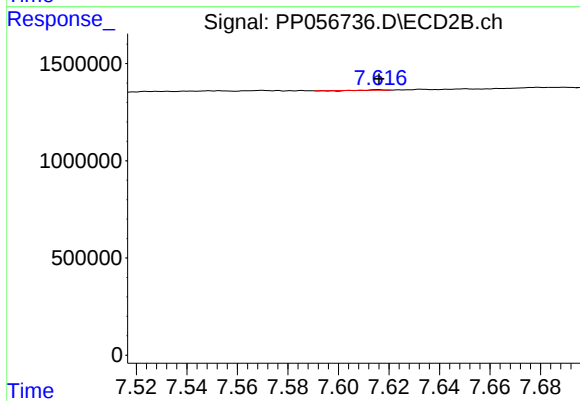
#36 AR-1262-1

R.T.: 6.871 min
Delta R.T.: -0.007 min
Response: 112566
Conc: 2.41 ng/ml



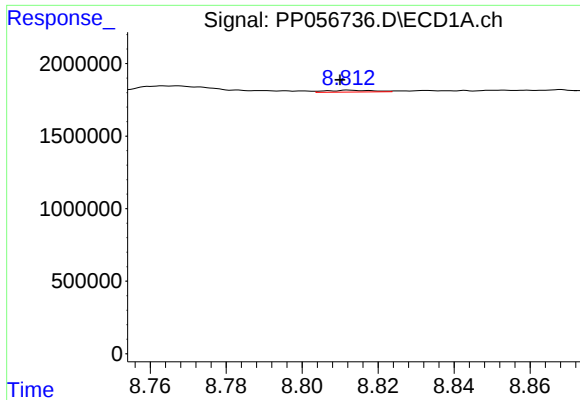
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.719 min
Response: 0
Conc: N.D.



#38 AR-1262-3

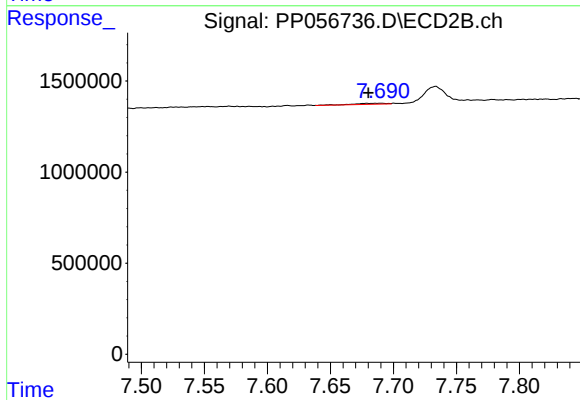
R.T.: 7.616 min
Delta R.T.: 0.000 min
Response: 2504
Conc: 0.04 ng/ml



#39 AR-1262-4

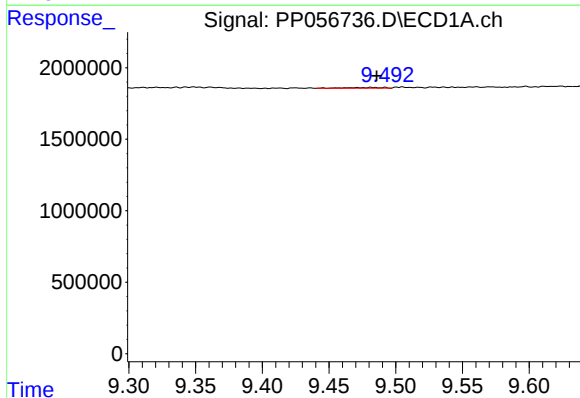
R.T.: 8.813 min
Delta R.T.: 0.003 min
Response: 107400
Conc: 2.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



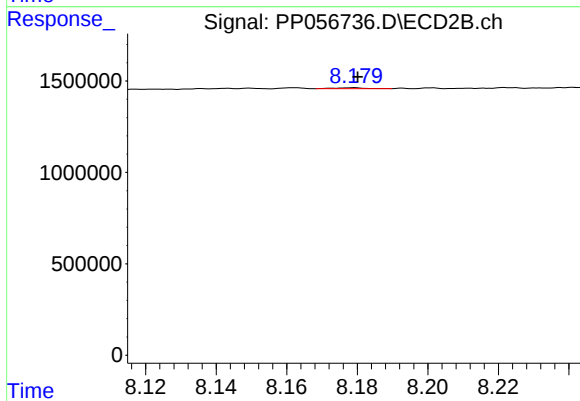
#39 AR-1262-4

R.T.: 7.690 min
Delta R.T.: 0.010 min
Response: 91347
Conc: 0.78 ng/ml



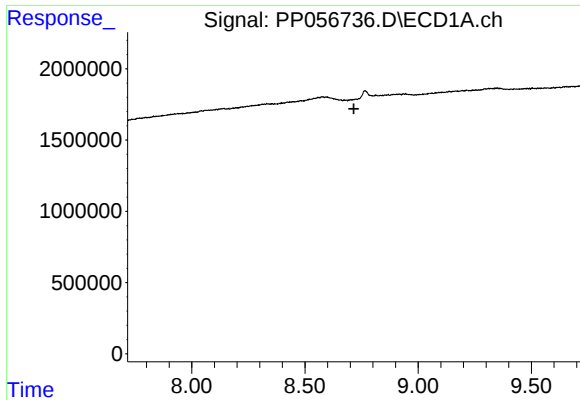
#40 AR-1262-5

R.T.: 9.482 min
Delta R.T.: -0.003 min
Response: 102588
Conc: 2.55 ng/ml



#40 AR-1262-5

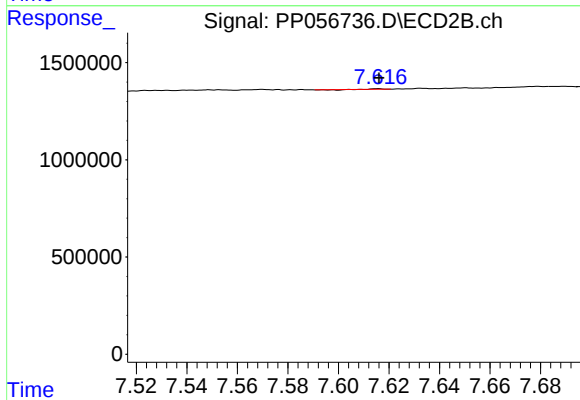
R.T.: 8.179 min
Delta R.T.: -0.001 min
Response: 28453
Conc: 0.58 ng/ml



#41 AR-1268-1

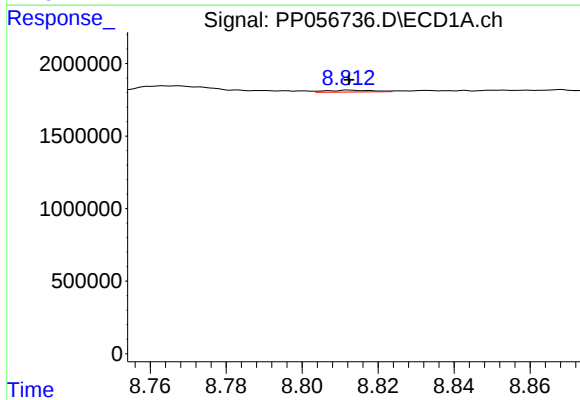
R.T.: 0.000 min
Exp R.T.: 8.716 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



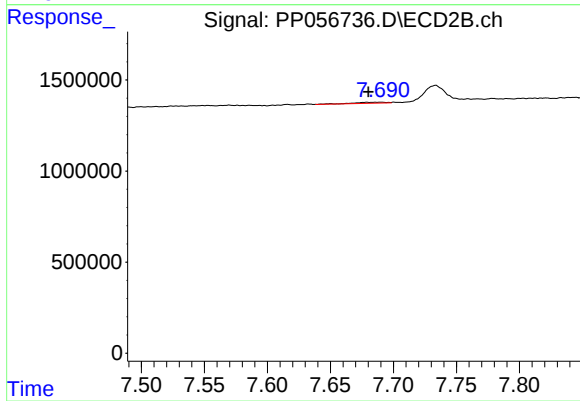
#41 AR-1268-1

R.T.: 7.616 min
Delta R.T.: 0.000 min
Response: 2504
Conc: 0.01 ng/ml



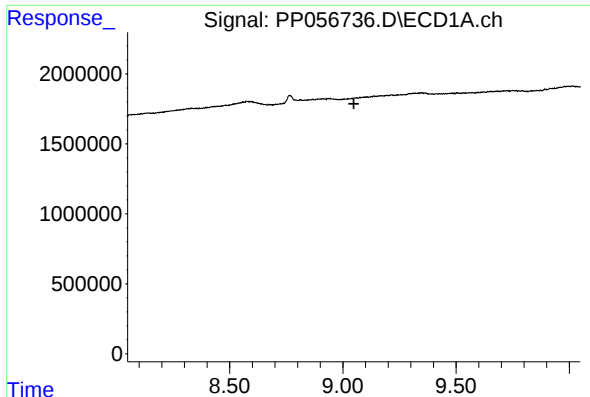
#42 AR-1268-2

R.T.: 8.813 min
Delta R.T.: 0.000 min
Response: 107400
Conc: 0.65 ng/ml



#42 AR-1268-2

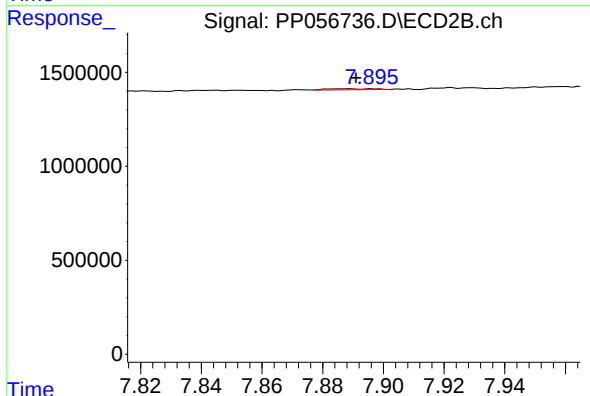
R.T.: 7.690 min
Delta R.T.: 0.010 min
Response: 91347
Conc: 0.47 ng/ml



#43 AR-1268-3

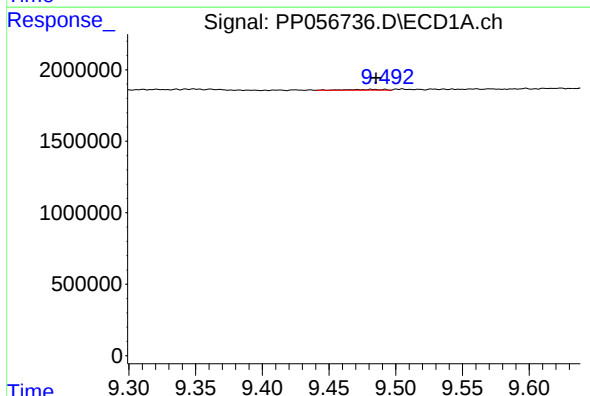
R.T.: 0.000 min
Exp R.T.: 9.049 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



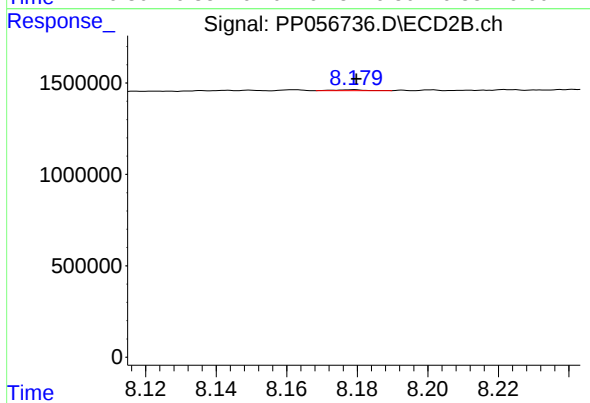
#43 AR-1268-3

R.T.: 7.889 min
Delta R.T.: -0.002 min
Response: 62649
Conc: 0.32 ng/ml



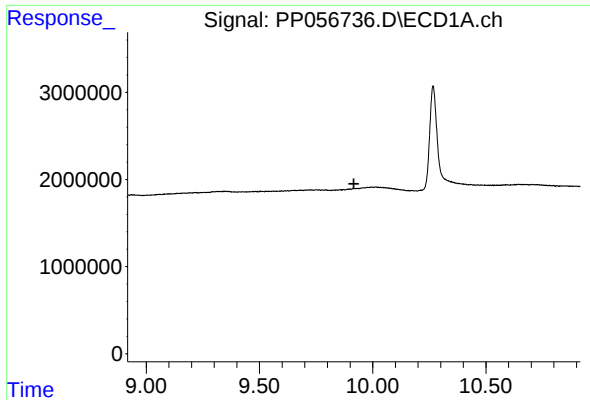
#44 AR-1268-4

R.T.: 9.482 min
Delta R.T.: -0.003 min
Response: 102588
Conc: 2.21 ng/ml



#44 AR-1268-4

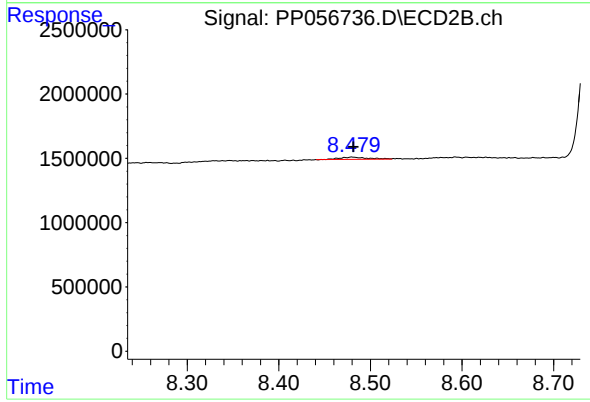
R.T.: 8.179 min
Delta R.T.: 0.000 min
Response: 28453
Conc: 0.49 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.917 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.480 min
Delta R.T.: -0.001 min
Response: 378992
Conc: 0.75 ng/ml