

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031023\
 Data File : PP056343.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Mar 2023 09:14
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 09 12:24:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP030823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 08 02:03:40 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...	4.317	3.559	37473027	30440397	24.134	21.573
2)	SA Decachlor...	10.059	8.556	48947450	29433158	24.642	26.330
Target Compounds							
3)	L1 AR-1016-1	5.495	4.650	65250	418779	1.127	9.940 #
4)	L1 AR-1016-2	5.509	4.650	45863	418779	0.535	6.910 #
5)	L1 AR-1016-3	5.566	4.837	444521	385882	8.150	11.922 #
6)	L1 AR-1016-4	5.670	4.887	28340	799642	0.653	28.492 #
7)	L1 AR-1016-5	5.967	5.096	12103	2424422	0.264	67.764 #
8)	L2 AR-1221-1	4.528	3.766	65381	59374	3.264	3.414
9)	L2 AR-1221-2	4.625	3.857	633950	508380	41.723	39.342
10)	L2 AR-1221-3	4.683	3.925	129569	120759	2.785	2.977
11)	L3 AR-1232-1	4.683	3.925	129569	120759	3.342	3.669
12)	L3 AR-1232-2	5.227	4.650	53399	418779	2.639	15.104 #
13)	L3 AR-1232-3	5.509	4.837	45863	385882	1.177	27.246 #
14)	L3 AR-1232-4	5.670	4.919	28340	298120	1.449	20.990 #
15)	L3 AR-1232-5	5.764	5.096	21862	2424422	1.380	158.078 #
16)	L4 AR-1242-1	5.495	4.650	65250	418779	1.339	11.842 #
17)	L4 AR-1242-2	5.509	4.650	45863	418779	0.643	8.242 #
18)	L4 AR-1242-3	5.566	4.837	444521	385882	9.764	14.300 #
19)	L4 AR-1242-4	5.670	4.919	28340	298120	0.793	10.175 #
20)	L4 AR-1242-5	6.409	5.423f	346510	717980	8.105	22.253 #
21)	L5 AR-1248-1	5.495	4.650	65250	418779	1.832	16.129 #
22)	L5 AR-1248-2	5.764	4.887	21862	799642	0.392	20.557 #
23)	L5 AR-1248-3	5.967	4.919	12103	298120	0.199	7.311 #
24)	L5 AR-1248-4	6.350f	5.096	3268238	2424422	47.314	51.771
25)	L5 AR-1248-5	6.409	5.497	346510	847662	5.100	20.526 #
26)	L6 AR-1254-1	6.350	5.423f	3268238	717980	43.299	10.005 #
27)	L6 AR-1254-2	6.567	5.601	70712	2813133	0.609	46.131 #
28)	L6 AR-1254-3	6.937	5.986	1956336	273084	15.954	2.950 #
29)	L6 AR-1254-4	7.226	0.000	696199	0	7.666	N.D. #
30)	L6 AR-1254-5	7.651	0.000	467041	0	4.518	N.D. #
31)	L7 AR-1260-1	7.097	6.139	629271	466499	6.385	6.843
32)	L7 AR-1260-2	7.342f	6.297f	502136	553105	4.329	7.230 #
33)	L7 AR-1260-3	7.716	6.451f	86621	228456	1.012	3.159 #
34)	L7 AR-1260-4	7.943	6.939	75886	39749	0.768	0.663
35)	L7 AR-1260-5	8.263	7.193	171771	128899	0.860	1.009
36)	L8 AR-1262-1	7.716	6.728	86621	73601	0.726	2.239 #
37)	L8 AR-1262-2	8.258	6.939	121415	39749	0.556	0.558
38)	L8 AR-1262-3	8.577	0.000	21934	0	0.144	N.D. #
39)	L8 AR-1262-4	8.663	7.529	70500	599717	0.877	6.203 #
40)	L8 AR-1262-5	9.311	0.000	24671	0	0.298	N.D. #
41)	L9 AR-1268-1	8.563	0.000	23302	0	0.085	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031023\
Data File : PP056343.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Mar 2023 09:14
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 09 12:24:20 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP030823.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 08 02:03:40 2023
Response via : Initial Calibration
Integrator: ChemStation

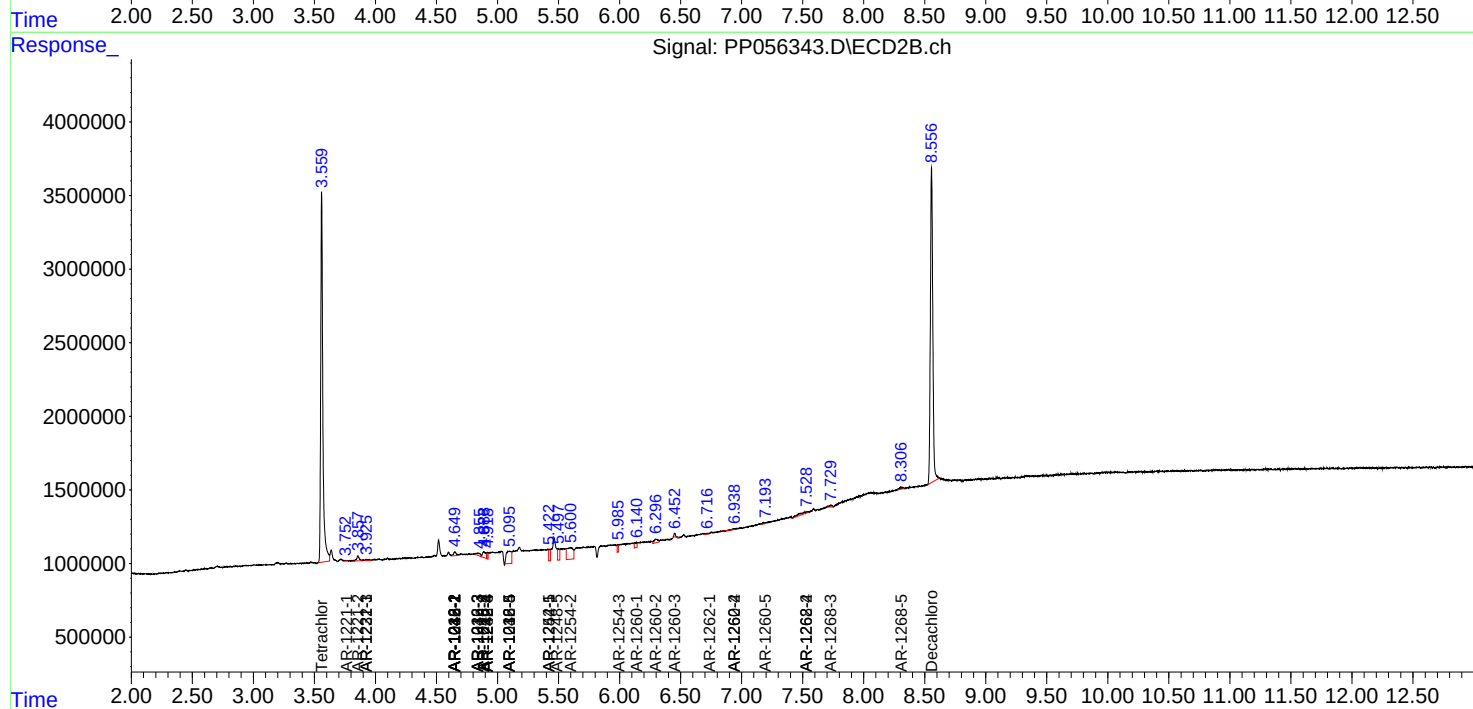
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

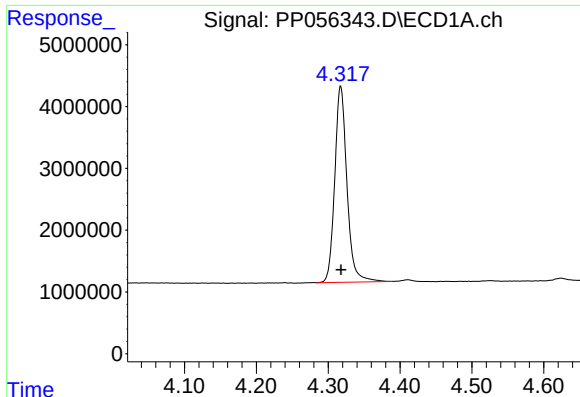
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.663	7.529	70500	599717	0.273	4.010 #
43)	L9 AR-1268-3	8.890	7.733	37551	201580	0.164	1.484 #
44)	L9 AR-1268-4	9.311	0.000	24671	0	0.264	N.D. #
45)	L9 AR-1268-5	9.728	8.307	53646	232326	0.074	0.597 #

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

Instrument :
ECD_P
ClientSampleId :
I.BLK

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

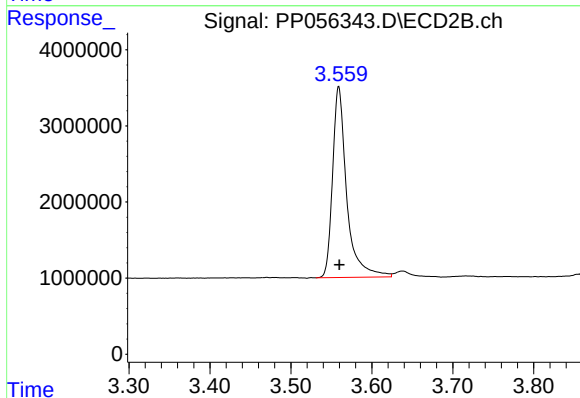




#1 Tetrachloro-m-xylene

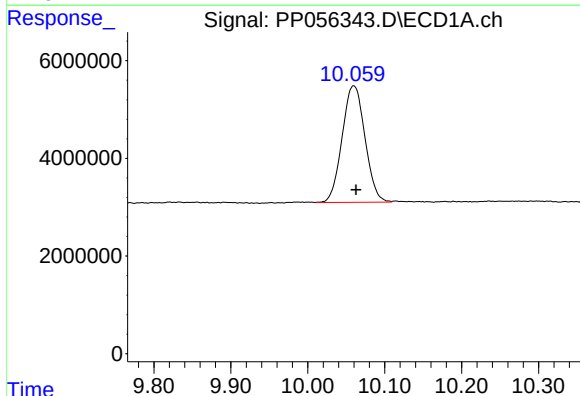
R.T.: 4.317 min
Delta R.T.: 0.000 min
Response: 37473027
Conc: 24.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



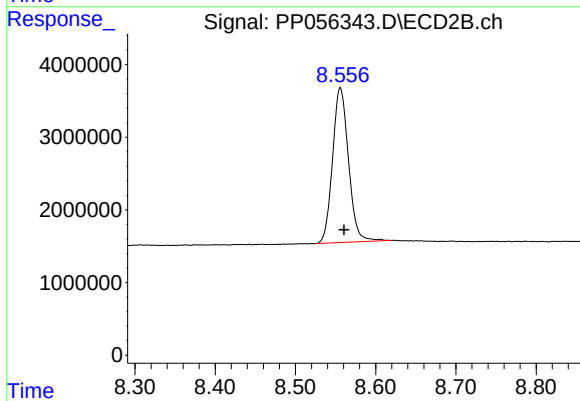
#1 Tetrachloro-m-xylene

R.T.: 3.559 min
Delta R.T.: 0.000 min
Response: 30440397
Conc: 21.57 ng/ml



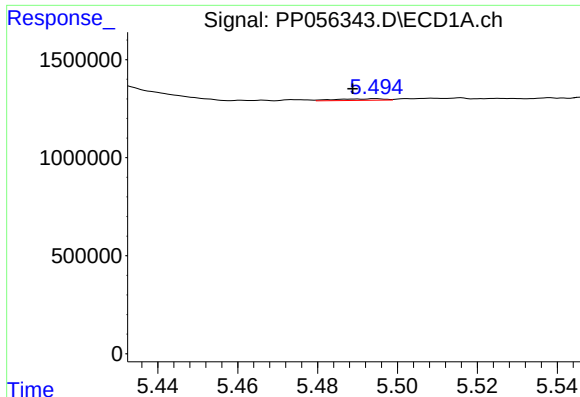
#2 Decachlorobiphenyl

R.T.: 10.059 min
Delta R.T.: -0.003 min
Response: 48947450
Conc: 24.64 ng/ml



#2 Decachlorobiphenyl

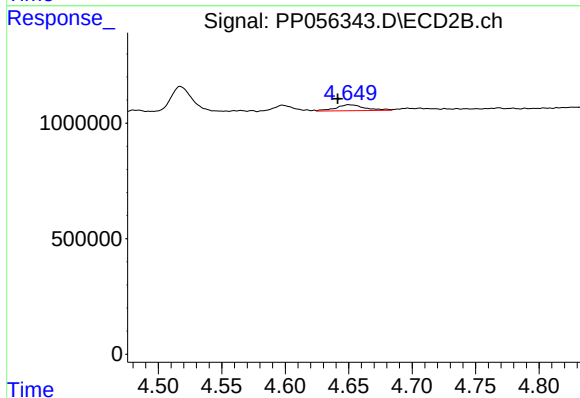
R.T.: 8.556 min
Delta R.T.: -0.004 min
Response: 29433158
Conc: 26.33 ng/ml



#3 AR-1016-1

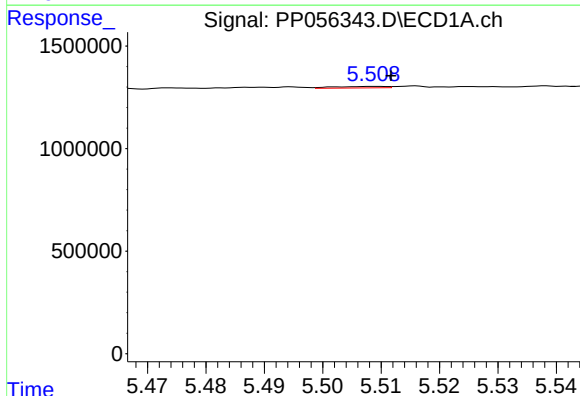
R.T.: 5.495 min
Delta R.T.: 0.006 min
Response: 65250
Conc: 1.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



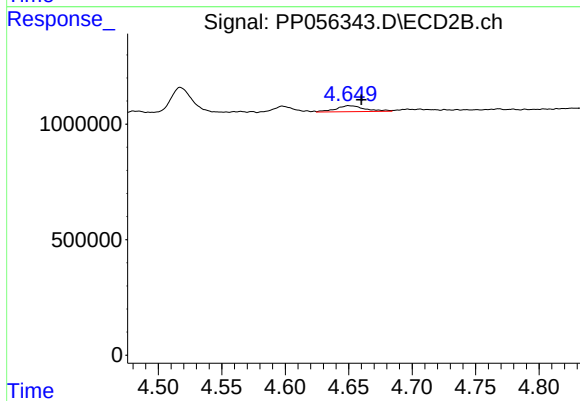
#3 AR-1016-1

R.T.: 4.650 min
Delta R.T.: 0.009 min
Response: 418779
Conc: 9.94 ng/ml



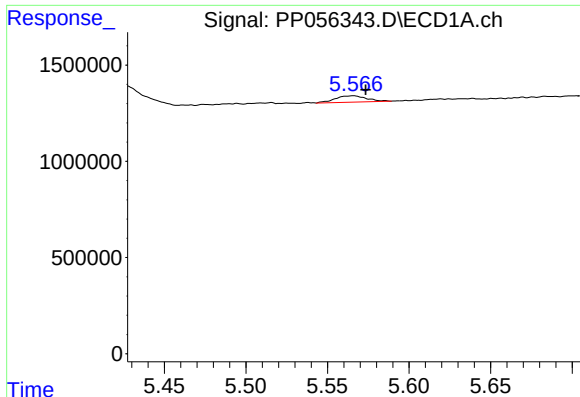
#4 AR-1016-2

R.T.: 5.509 min
Delta R.T.: -0.003 min
Response: 45863
Conc: 0.54 ng/ml



#4 AR-1016-2

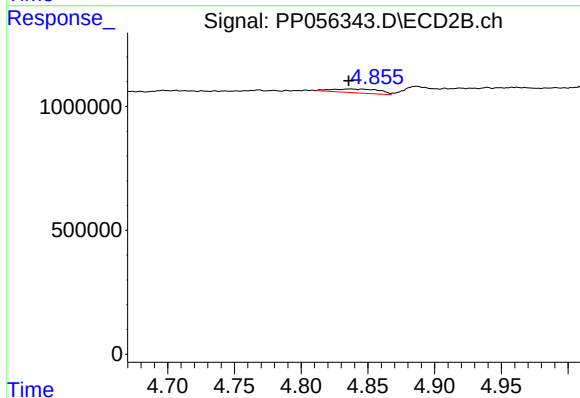
R.T.: 4.650 min
Delta R.T.: -0.010 min
Response: 418779
Conc: 6.91 ng/ml



#5 AR-1016-3

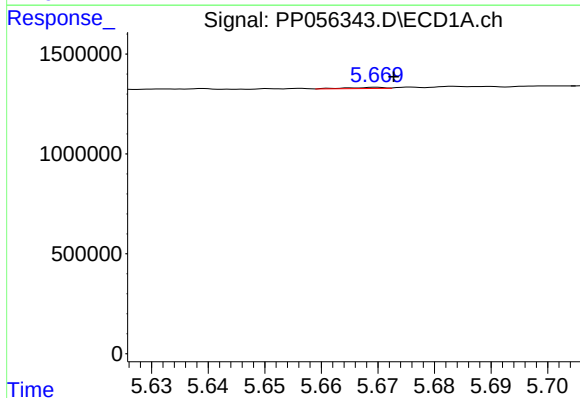
R.T.: 5.566 min
Delta R.T.: -0.007 min
Response: 444521
Conc: 8.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



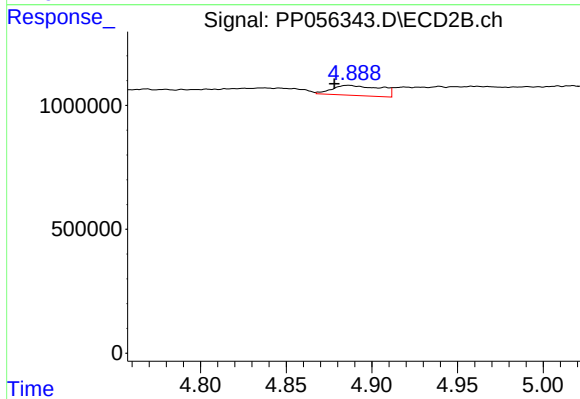
#5 AR-1016-3

R.T.: 4.837 min
Delta R.T.: 0.000 min
Response: 385882
Conc: 11.92 ng/ml



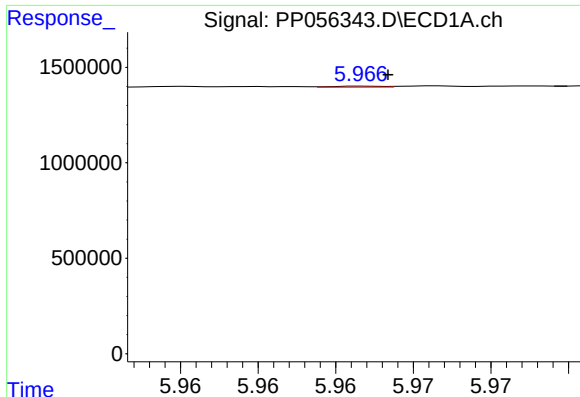
#6 AR-1016-4

R.T.: 5.670 min
Delta R.T.: -0.003 min
Response: 28340
Conc: 0.65 ng/ml



#6 AR-1016-4

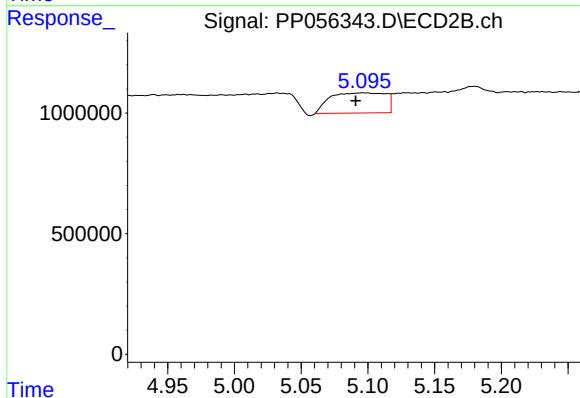
R.T.: 4.887 min
Delta R.T.: 0.008 min
Response: 799642
Conc: 28.49 ng/ml



#7 AR-1016-5

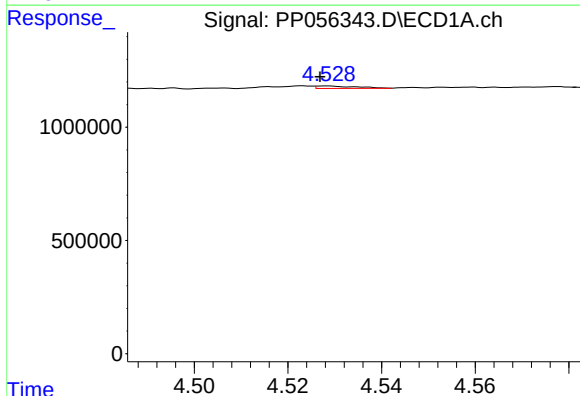
R.T.: 5.967 min
Delta R.T.: -0.001 min
Response: 12103
Conc: 0.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



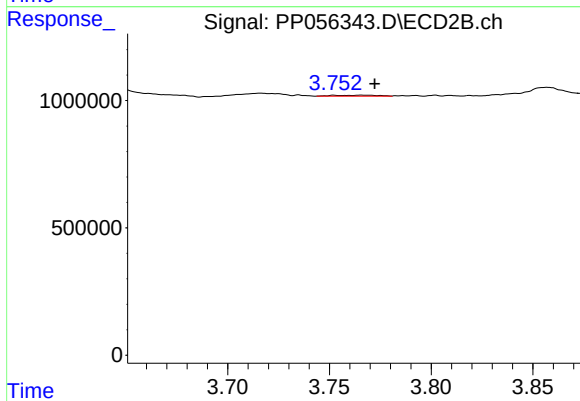
#7 AR-1016-5

R.T.: 5.096 min
Delta R.T.: 0.005 min
Response: 2424422
Conc: 67.76 ng/ml



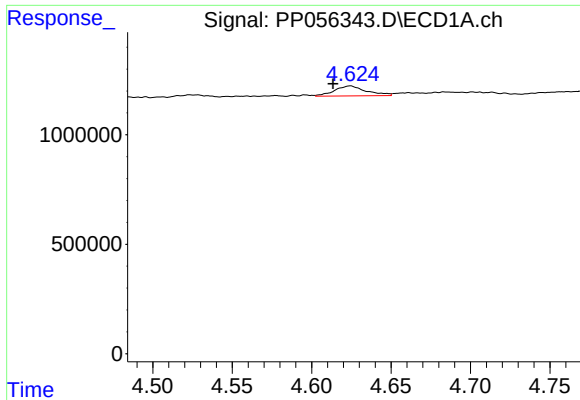
#8 AR-1221-1

R.T.: 4.528 min
Delta R.T.: 0.002 min
Response: 65381
Conc: 3.26 ng/ml



#8 AR-1221-1

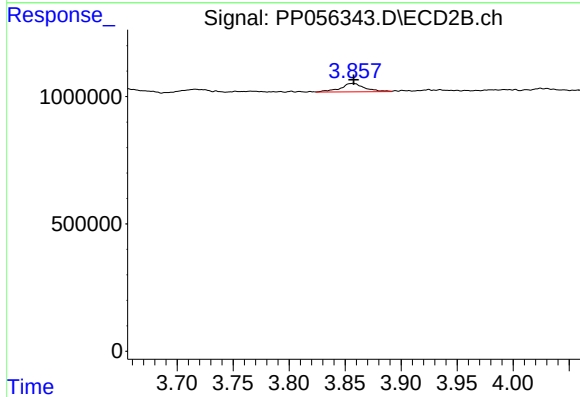
R.T.: 3.766 min
Delta R.T.: -0.006 min
Response: 59374
Conc: 3.41 ng/ml



#9 AR-1221-2

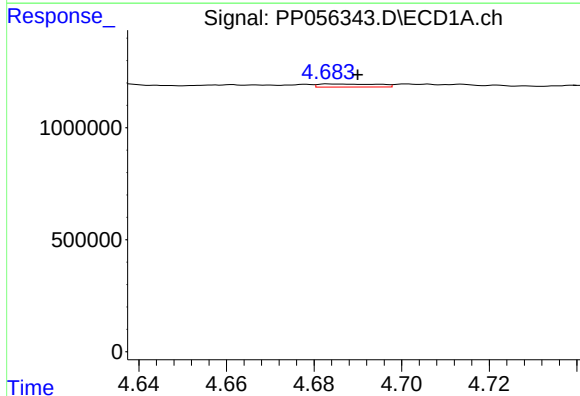
R.T.: 4.625 min
Delta R.T.: 0.011 min
Response: 633950
Conc: 41.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



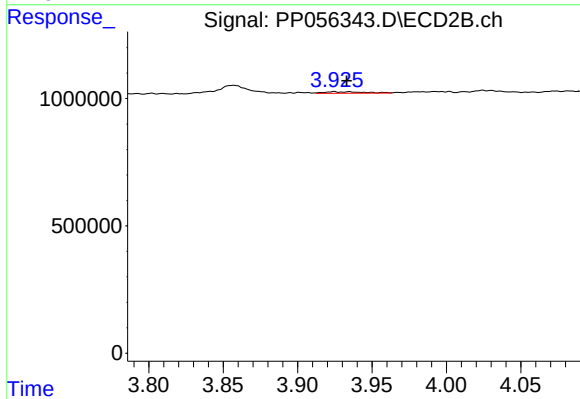
#9 AR-1221-2

R.T.: 3.857 min
Delta R.T.: 0.000 min
Response: 508380
Conc: 39.34 ng/ml



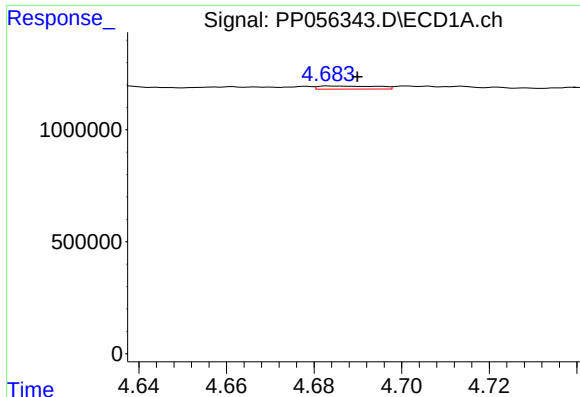
#10 AR-1221-3

R.T.: 4.683 min
Delta R.T.: -0.007 min
Response: 129569
Conc: 2.79 ng/ml



#10 AR-1221-3

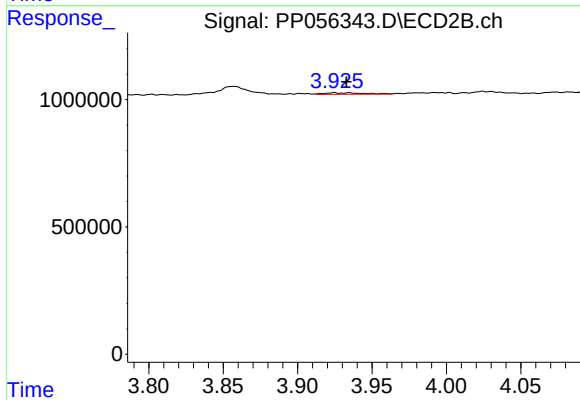
R.T.: 3.925 min
Delta R.T.: -0.008 min
Response: 120759
Conc: 2.98 ng/ml



#11 AR-1232-1

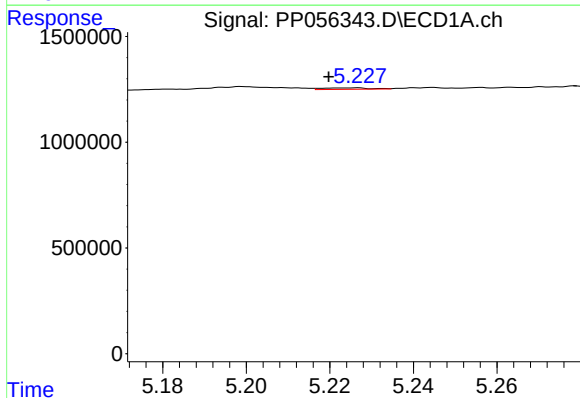
R.T.: 4.683 min
Delta R.T.: -0.006 min
Response: 129569
Conc: 3.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



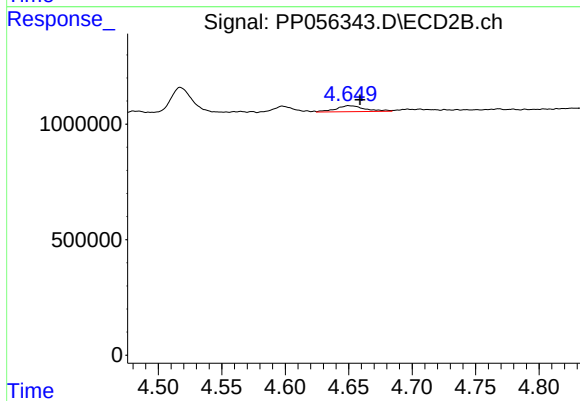
#11 AR-1232-1

R.T.: 3.925 min
Delta R.T.: -0.008 min
Response: 120759
Conc: 3.67 ng/ml



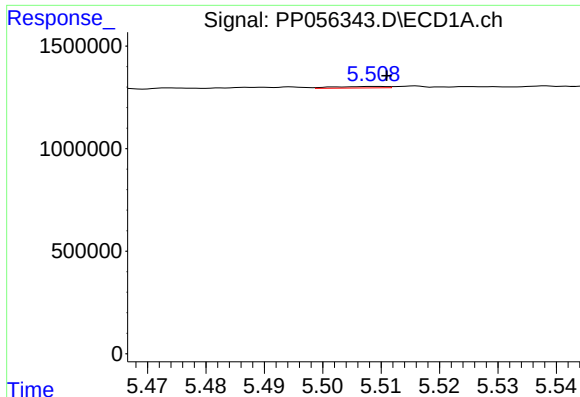
#12 AR-1232-2

R.T.: 5.227 min
Delta R.T.: 0.007 min
Response: 53399
Conc: 2.64 ng/ml



#12 AR-1232-2

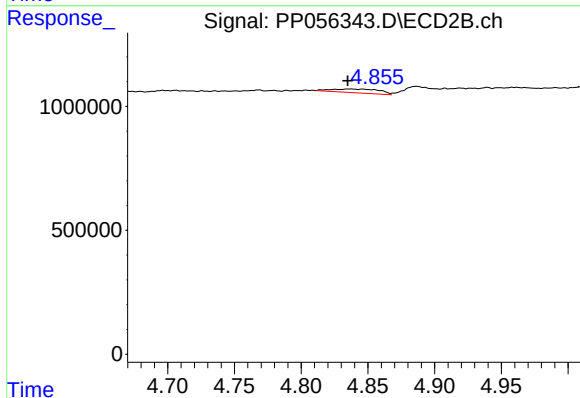
R.T.: 4.650 min
Delta R.T.: -0.009 min
Response: 418779
Conc: 15.10 ng/ml



#13 AR-1232-3

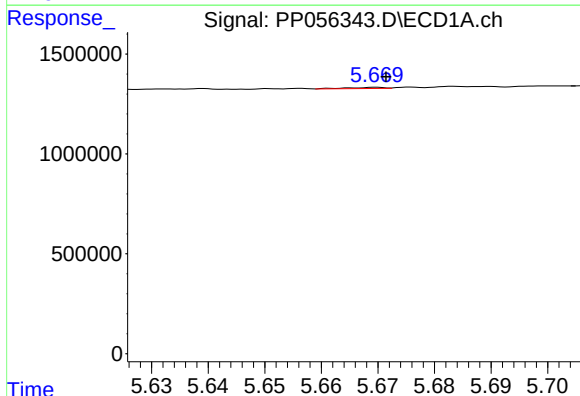
R.T.: 5.509 min
Delta R.T.: -0.002 min
Response: 45863
Conc: 1.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



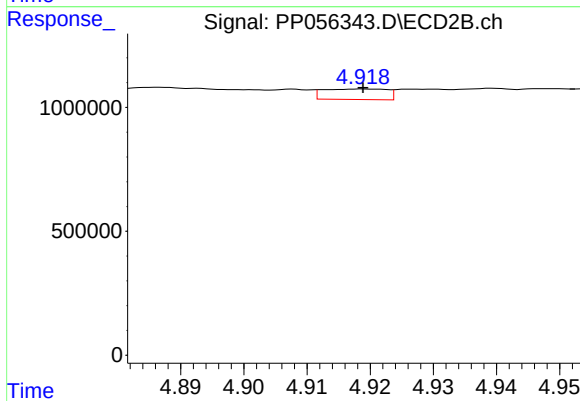
#13 AR-1232-3

R.T.: 4.837 min
Delta R.T.: 0.002 min
Response: 385882
Conc: 27.25 ng/ml



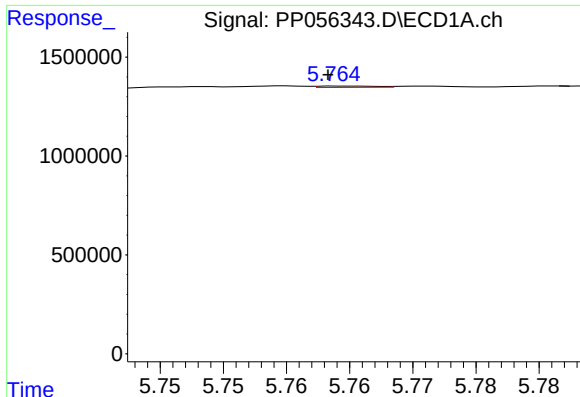
#14 AR-1232-4

R.T.: 5.670 min
Delta R.T.: -0.002 min
Response: 28340
Conc: 1.45 ng/ml



#14 AR-1232-4

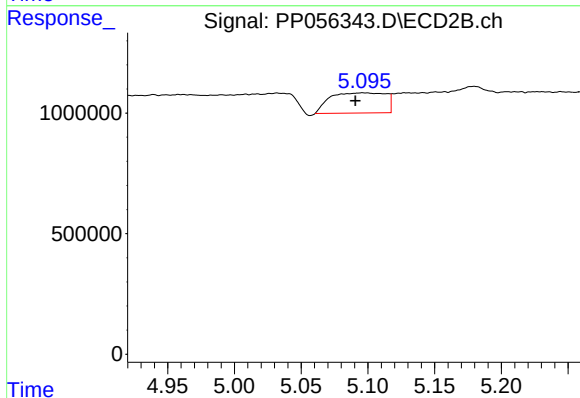
R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 298120
Conc: 20.99 ng/ml



#15 AR-1232-5

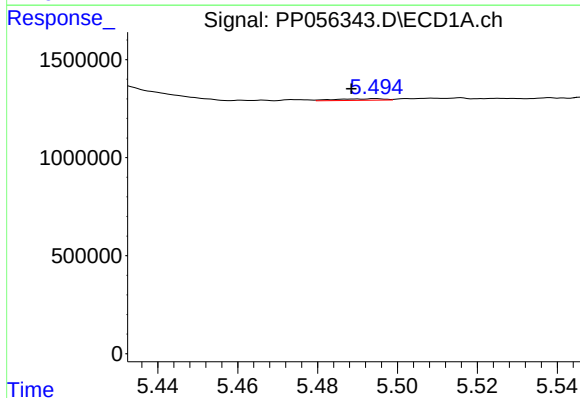
R.T.: 5.764 min
Delta R.T.: 0.001 min
Response: 21862
Conc: 1.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



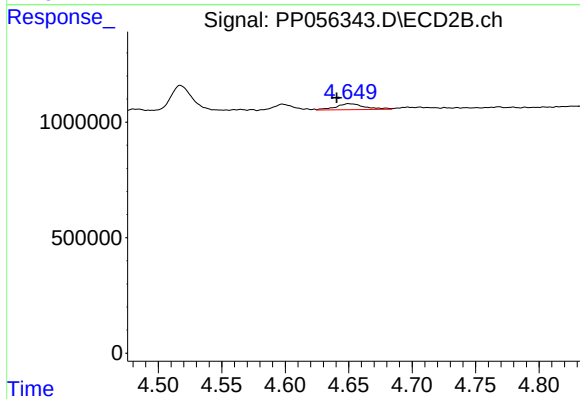
#15 AR-1232-5

R.T.: 5.096 min
Delta R.T.: 0.006 min
Response: 2424422
Conc: 158.08 ng/ml



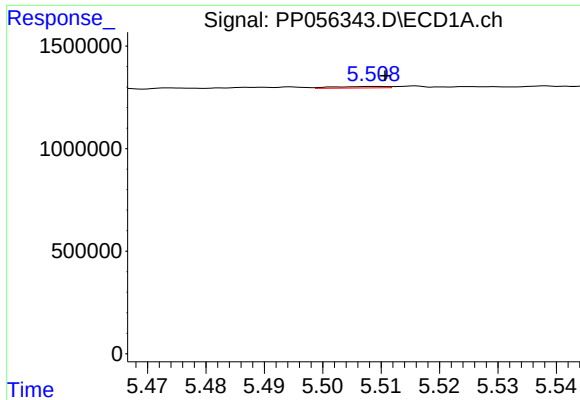
#16 AR-1242-1

R.T.: 5.495 min
Delta R.T.: 0.006 min
Response: 65250
Conc: 1.34 ng/ml



#16 AR-1242-1

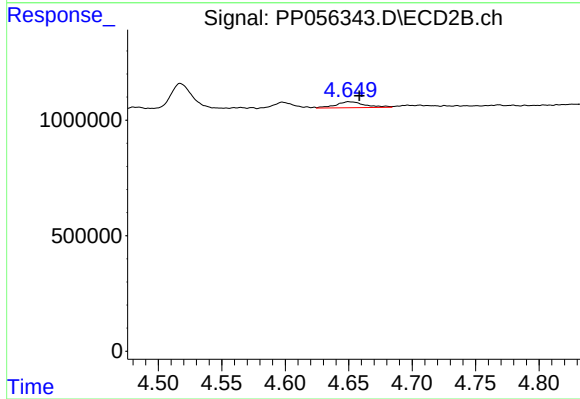
R.T.: 4.650 min
Delta R.T.: 0.009 min
Response: 418779
Conc: 11.84 ng/ml



#17 AR-1242-2

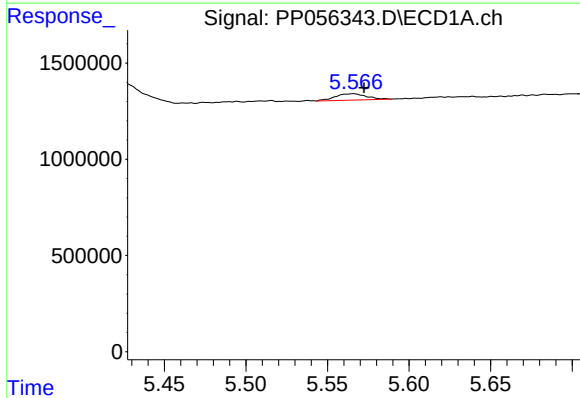
R.T.: 5.509 min
Delta R.T.: -0.002 min
Response: 45863
Conc: 0.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



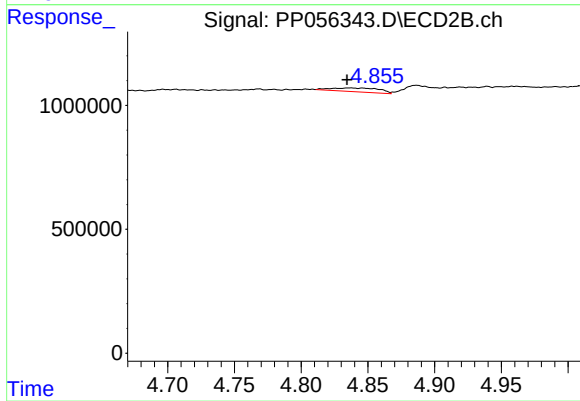
#17 AR-1242-2

R.T.: 4.650 min
Delta R.T.: -0.008 min
Response: 418779
Conc: 8.24 ng/ml



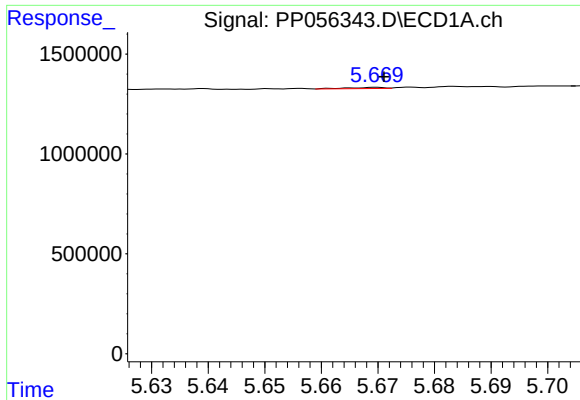
#18 AR-1242-3

R.T.: 5.566 min
Delta R.T.: -0.006 min
Response: 444521
Conc: 9.76 ng/ml



#18 AR-1242-3

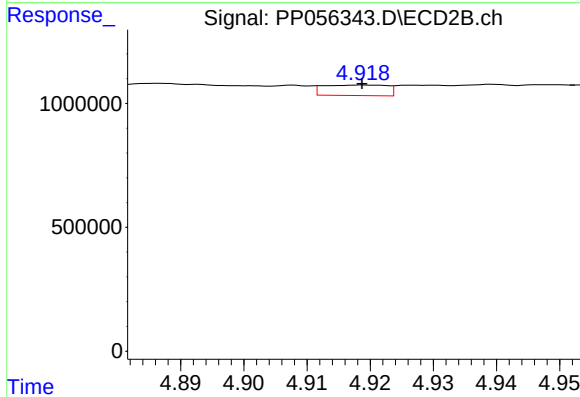
R.T.: 4.837 min
Delta R.T.: 0.002 min
Response: 385882
Conc: 14.30 ng/ml



#19 AR-1242-4

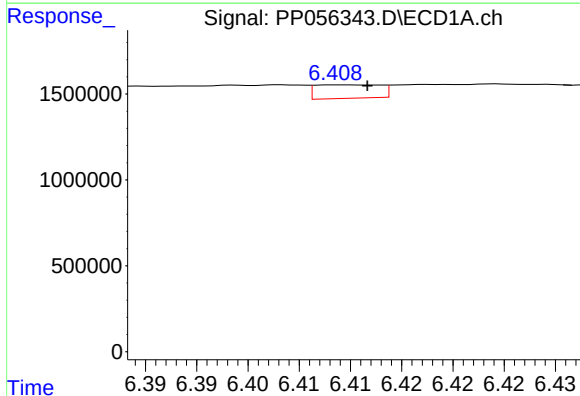
R.T.: 5.670 min
Delta R.T.: -0.001 min
Response: 28340
Conc: 0.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



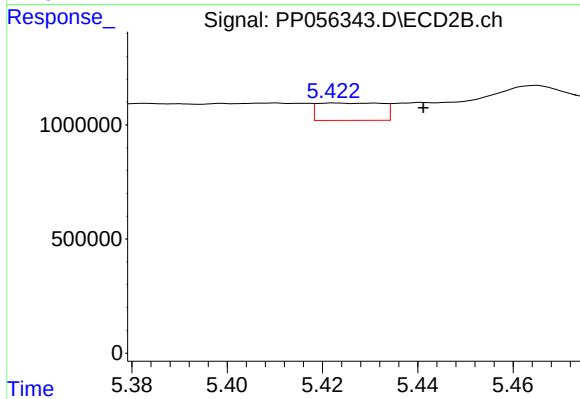
#19 AR-1242-4

R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 298120
Conc: 10.17 ng/ml



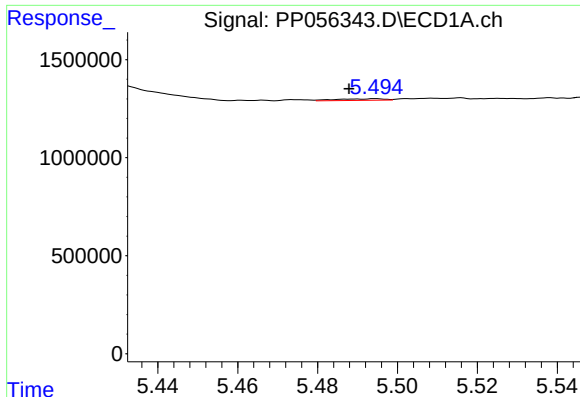
#20 AR-1242-5

R.T.: 6.409 min
Delta R.T.: -0.003 min
Response: 346510
Conc: 8.11 ng/ml



#20 AR-1242-5

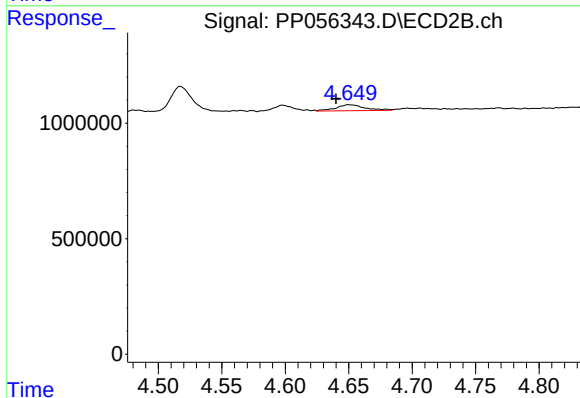
R.T.: 5.423 min
Delta R.T.: -0.018 min
Response: 717980
Conc: 22.25 ng/ml



#21 AR-1248-1

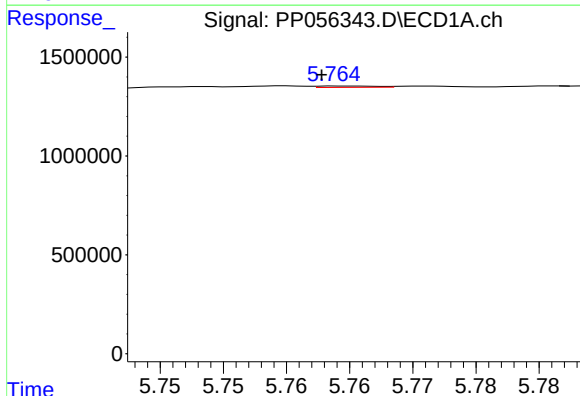
R.T.: 5.495 min
Delta R.T.: 0.007 min
Response: 65250
Conc: 1.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



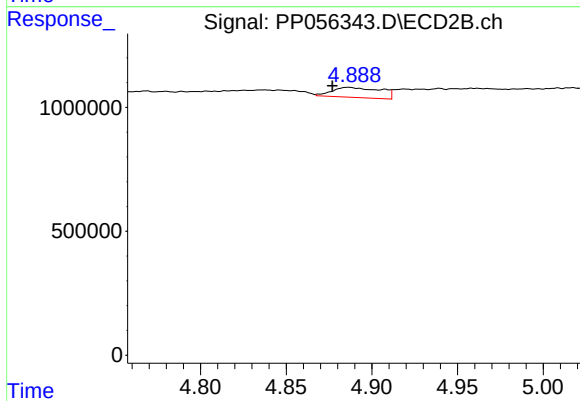
#21 AR-1248-1

R.T.: 4.650 min
Delta R.T.: 0.010 min
Response: 418779
Conc: 16.13 ng/ml



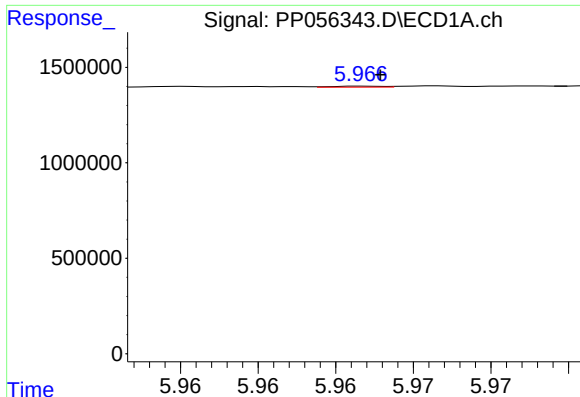
#22 AR-1248-2

R.T.: 5.764 min
Delta R.T.: 0.002 min
Response: 21862
Conc: 0.39 ng/ml



#22 AR-1248-2

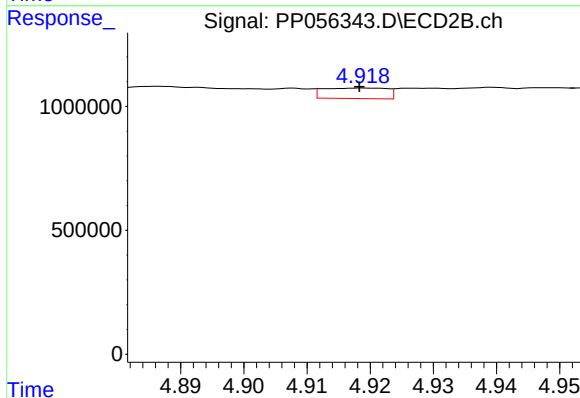
R.T.: 4.887 min
Delta R.T.: 0.010 min
Response: 799642
Conc: 20.56 ng/ml



#23 AR-1248-3

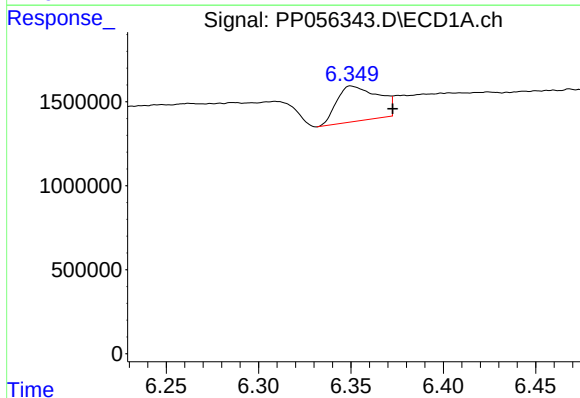
R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 12103
Conc: 0.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



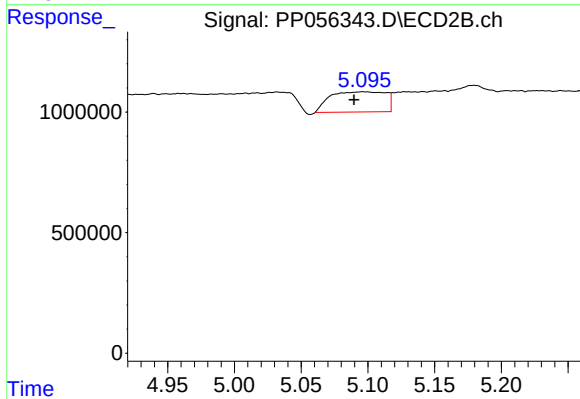
#23 AR-1248-3

R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 298120
Conc: 7.31 ng/ml



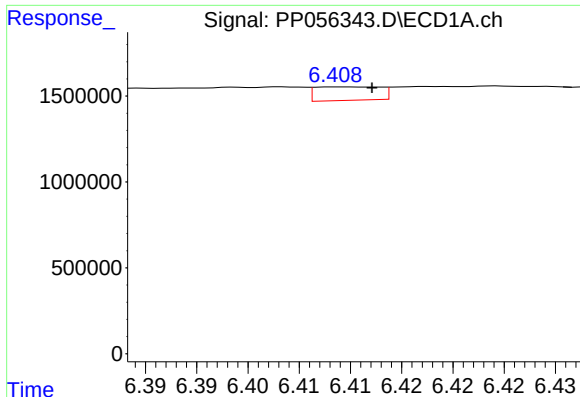
#24 AR-1248-4

R.T.: 6.350 min
Delta R.T.: -0.023 min
Response: 3268238
Conc: 47.31 ng/ml



#24 AR-1248-4

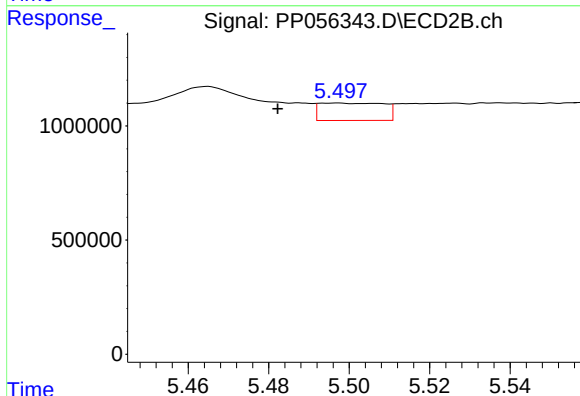
R.T.: 5.096 min
Delta R.T.: 0.007 min
Response: 2424422
Conc: 51.77 ng/ml



#25 AR-1248-5

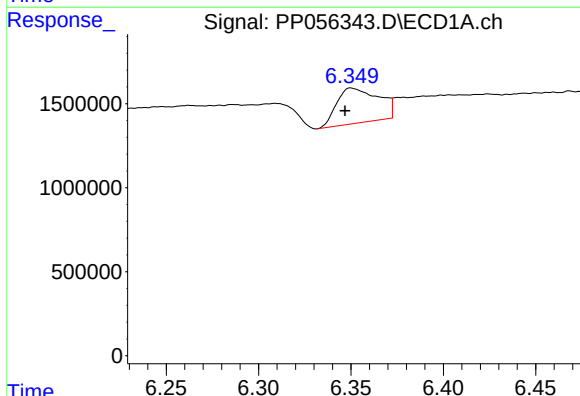
R.T.: 6.409 min
Delta R.T.: -0.003 min
Response: 346510
Conc: 5.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



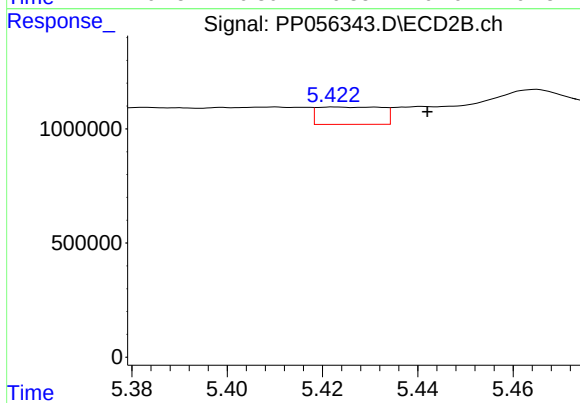
#25 AR-1248-5

R.T.: 5.497 min
Delta R.T.: 0.015 min
Response: 847662
Conc: 20.53 ng/ml



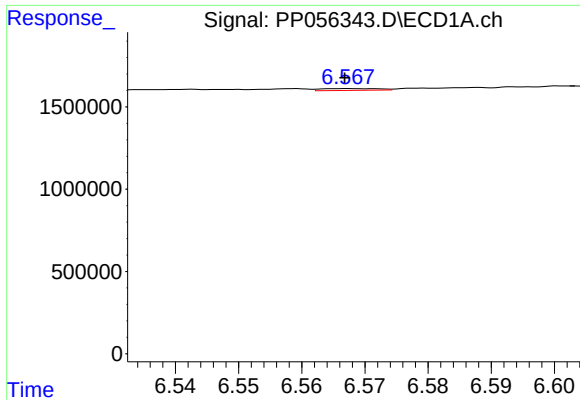
#26 AR-1254-1

R.T.: 6.350 min
Delta R.T.: 0.003 min
Response: 3268238
Conc: 43.30 ng/ml



#26 AR-1254-1

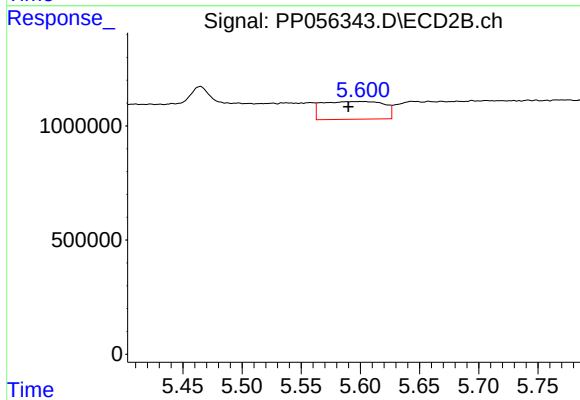
R.T.: 5.423 min
Delta R.T.: -0.019 min
Response: 717980
Conc: 10.00 ng/ml



#27 AR-1254-2

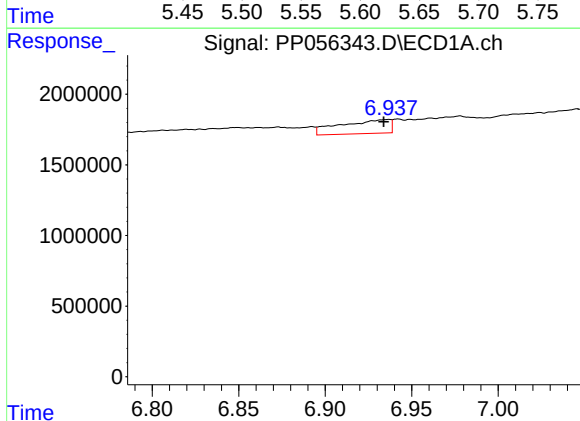
R.T.: 6.567 min
Delta R.T.: 0.000 min
Response: 70712
Conc: 0.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



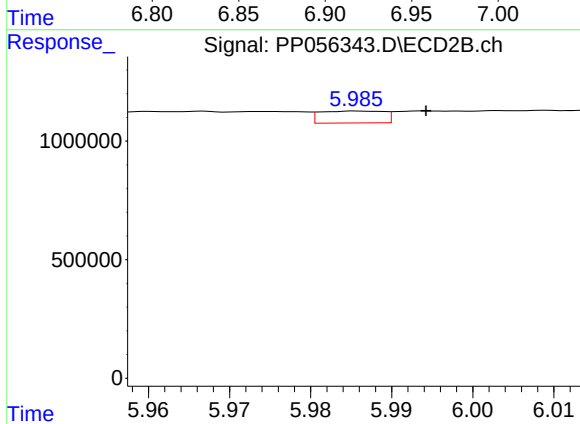
#27 AR-1254-2

R.T.: 5.601 min
Delta R.T.: 0.011 min
Response: 2813133
Conc: 46.13 ng/ml



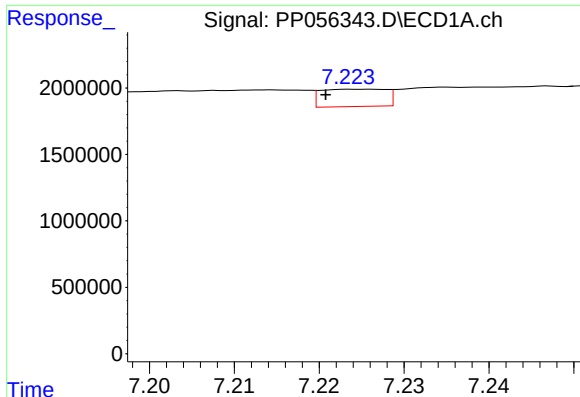
#28 AR-1254-3

R.T.: 6.937 min
Delta R.T.: 0.003 min
Response: 1956336
Conc: 15.95 ng/ml



#28 AR-1254-3

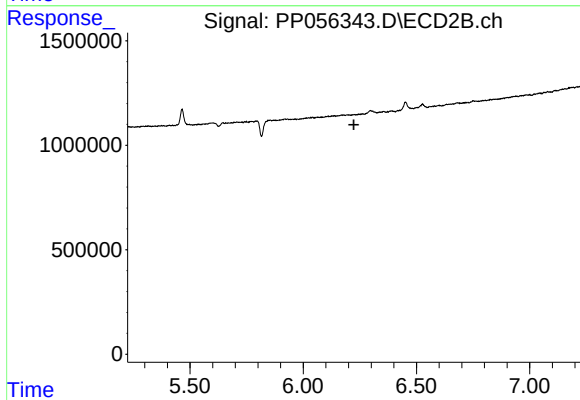
R.T.: 5.986 min
Delta R.T.: -0.008 min
Response: 273084
Conc: 2.95 ng/ml



#29 AR-1254-4

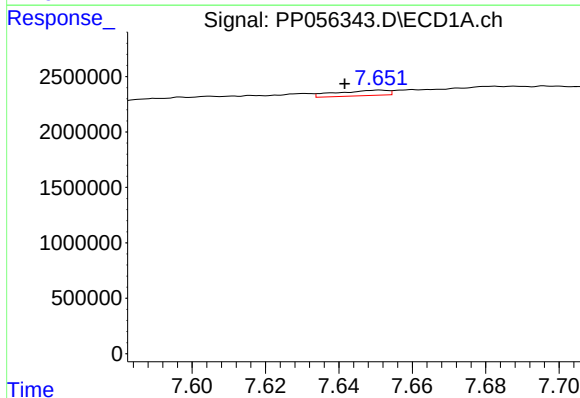
R.T.: 7.226 min
Delta R.T.: 0.006 min
Response: 696199
Conc: 7.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



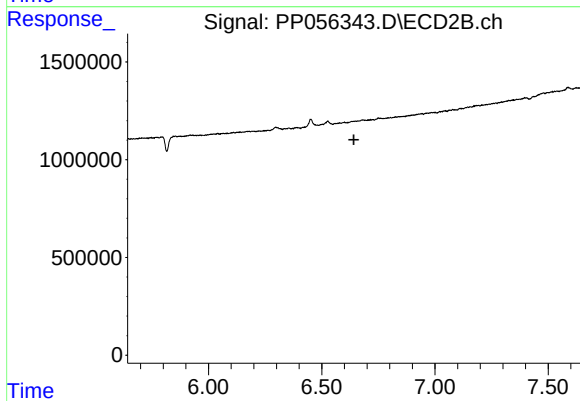
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.223 min
Response: 0
Conc: N.D.



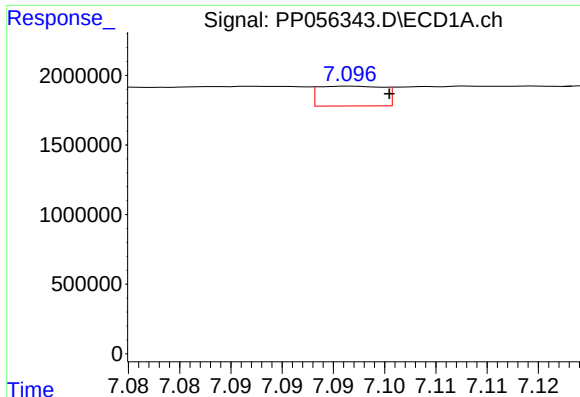
#30 AR-1254-5

R.T.: 7.651 min
Delta R.T.: 0.010 min
Response: 467041
Conc: 4.52 ng/ml



#30 AR-1254-5

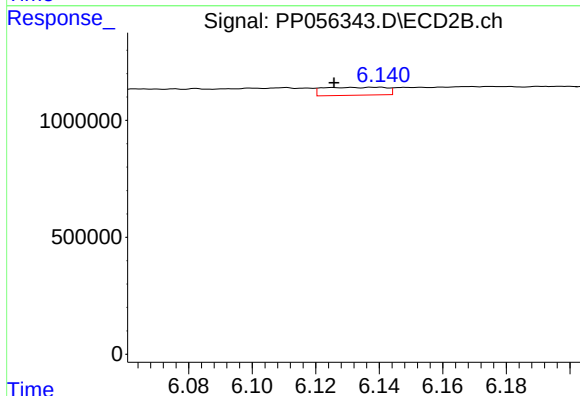
R.T.: 0.000 min
Exp R.T. : 6.642 min
Response: 0
Conc: N.D.



#31 AR-1260-1

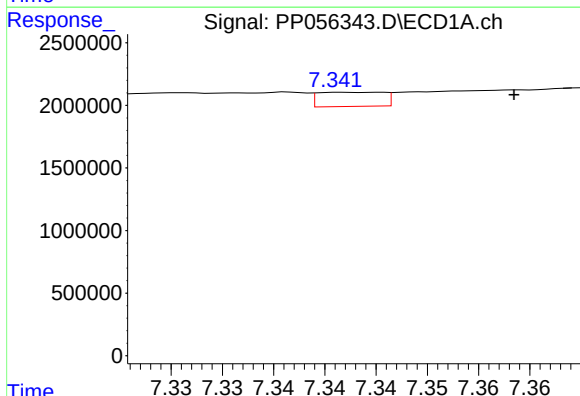
R.T.: 7.097 min
Delta R.T.: -0.004 min
Response: 629271
Conc: 6.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



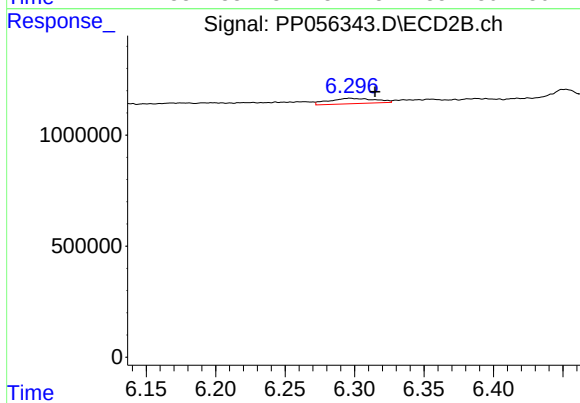
#31 AR-1260-1

R.T.: 6.139 min
Delta R.T.: 0.014 min
Response: 466499
Conc: 6.84 ng/ml



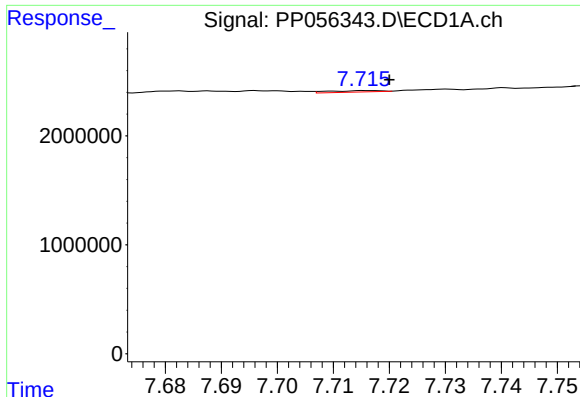
#32 AR-1260-2

R.T.: 7.342 min
Delta R.T.: -0.017 min
Response: 502136
Conc: 4.33 ng/ml



#32 AR-1260-2

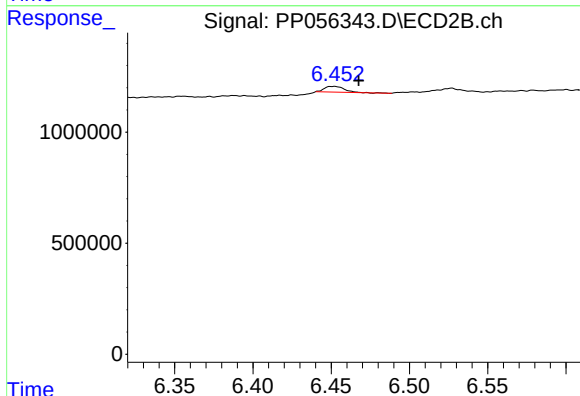
R.T.: 6.297 min
Delta R.T.: -0.018 min
Response: 553105
Conc: 7.23 ng/ml



#33 AR-1260-3

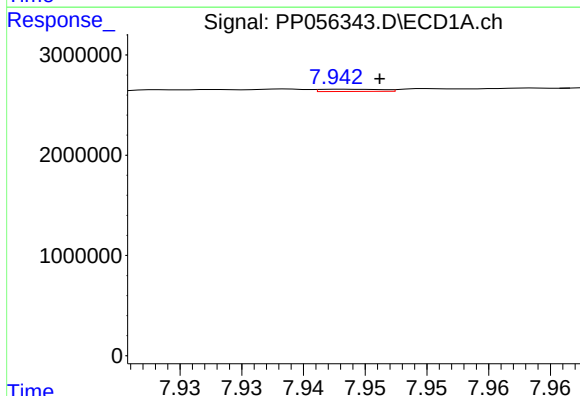
R.T.: 7.716 min
Delta R.T.: -0.004 min
Response: 86621
Conc: 1.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



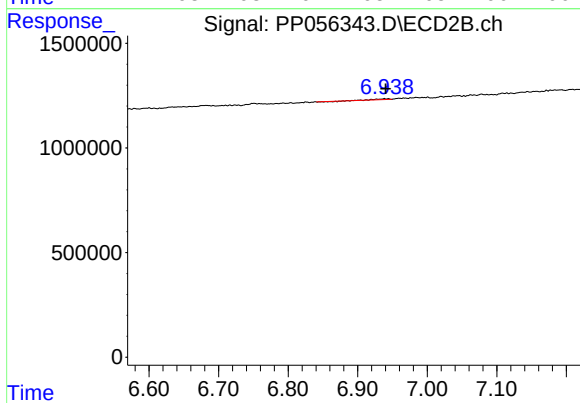
#33 AR-1260-3

R.T.: 6.451 min
Delta R.T.: -0.016 min
Response: 228456
Conc: 3.16 ng/ml



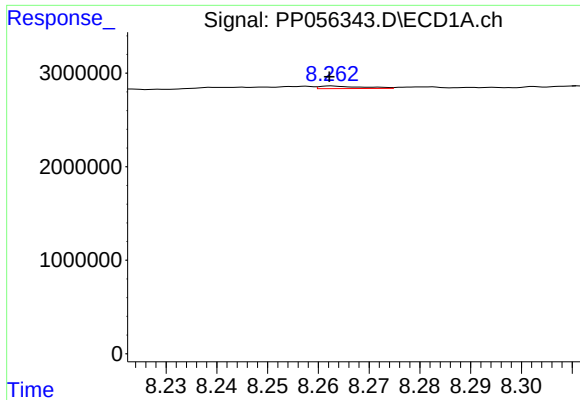
#34 AR-1260-4

R.T.: 7.943 min
Delta R.T.: -0.003 min
Response: 75886
Conc: 0.77 ng/ml



#34 AR-1260-4

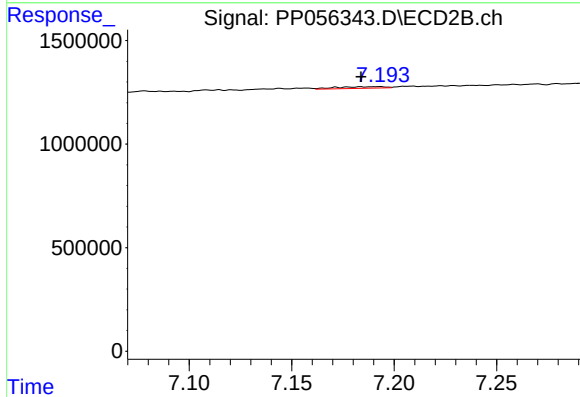
R.T.: 6.939 min
Delta R.T.: -0.002 min
Response: 39749
Conc: 0.66 ng/ml



#35 AR-1260-5

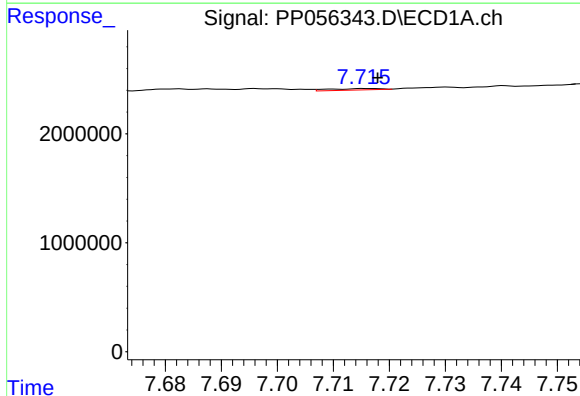
R.T.: 8.263 min
Delta R.T.: 0.000 min
Response: 171771
Conc: 0.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



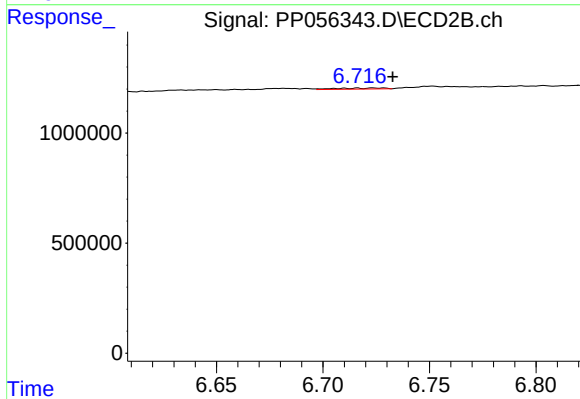
#35 AR-1260-5

R.T.: 7.193 min
Delta R.T.: 0.009 min
Response: 128899
Conc: 1.01 ng/ml



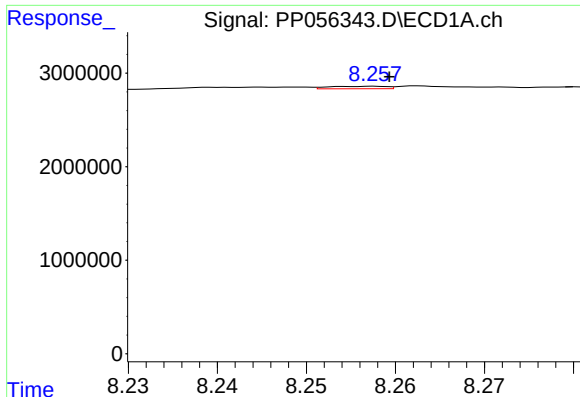
#36 AR-1262-1

R.T.: 7.716 min
Delta R.T.: -0.002 min
Response: 86621
Conc: 0.73 ng/ml



#36 AR-1262-1

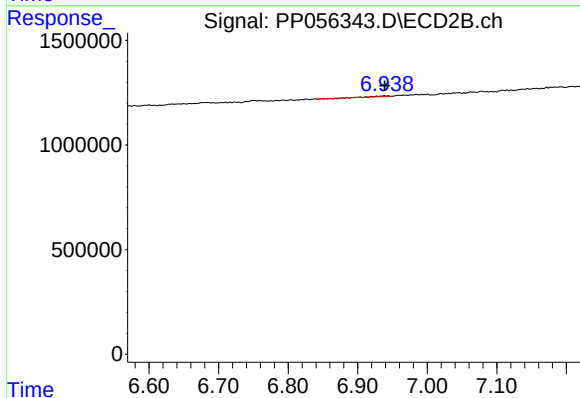
R.T.: 6.728 min
Delta R.T.: -0.005 min
Response: 73601
Conc: 2.24 ng/ml



#37 AR-1262-2

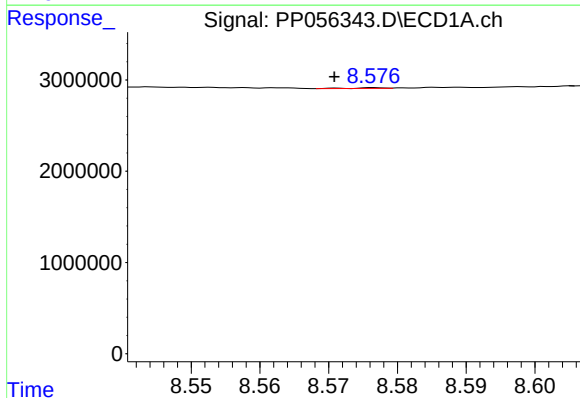
R.T.: 8.258 min
Delta R.T.: -0.002 min
Response: 121415
Conc: 0.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



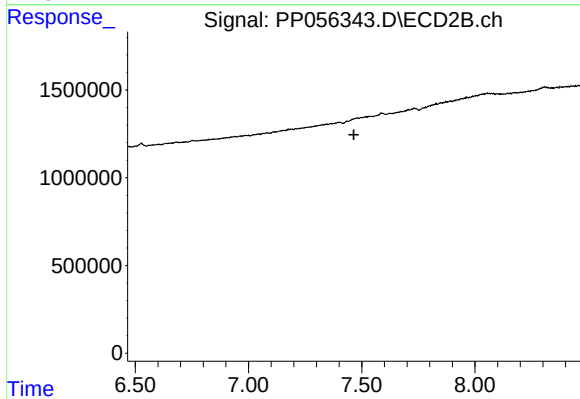
#37 AR-1262-2

R.T.: 6.939 min
Delta R.T.: 0.000 min
Response: 39749
Conc: 0.56 ng/ml



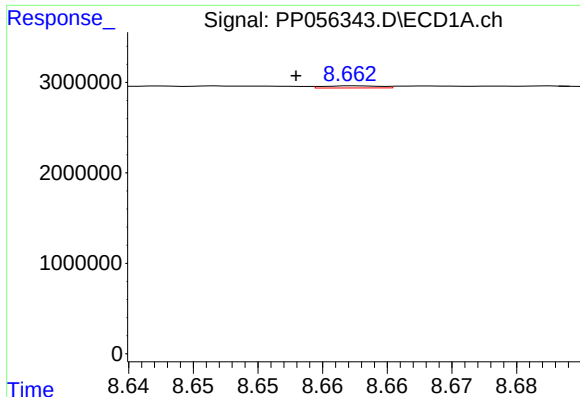
#38 AR-1262-3

R.T.: 8.577 min
Delta R.T.: 0.006 min
Response: 21934
Conc: 0.14 ng/ml



#38 AR-1262-3

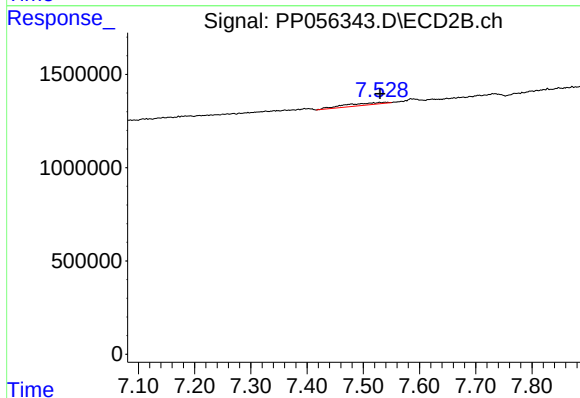
R.T.: 0.000 min
Exp R.T.: 7.465 min
Response: 0
Conc: N.D.



#39 AR-1262-4

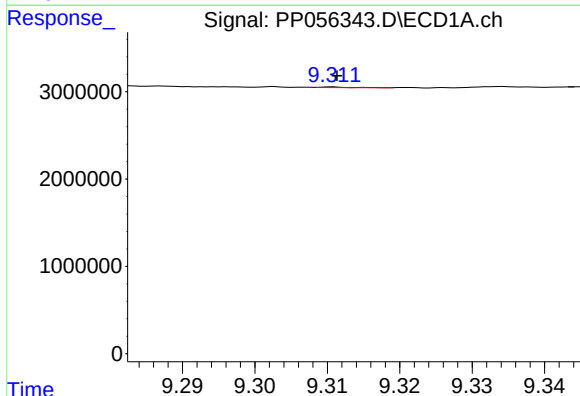
R.T.: 8.663 min
Delta R.T.: 0.005 min
Response: 70500
Conc: 0.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



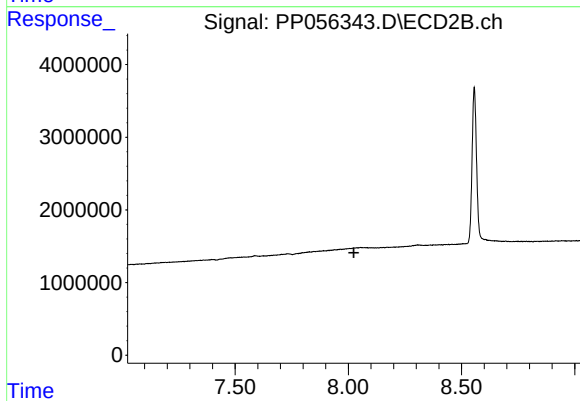
#39 AR-1262-4

R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 599717
Conc: 6.20 ng/ml



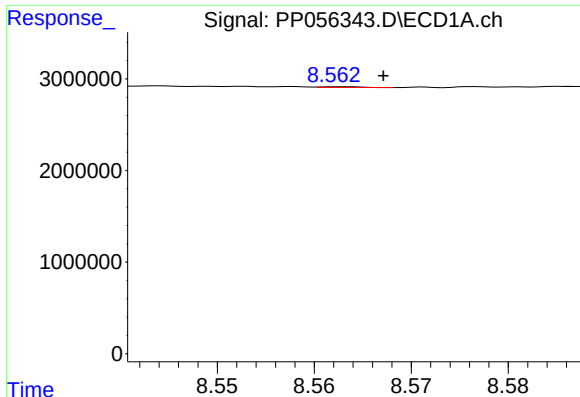
#40 AR-1262-5

R.T.: 9.311 min
Delta R.T.: 0.000 min
Response: 24671
Conc: 0.30 ng/ml



#40 AR-1262-5

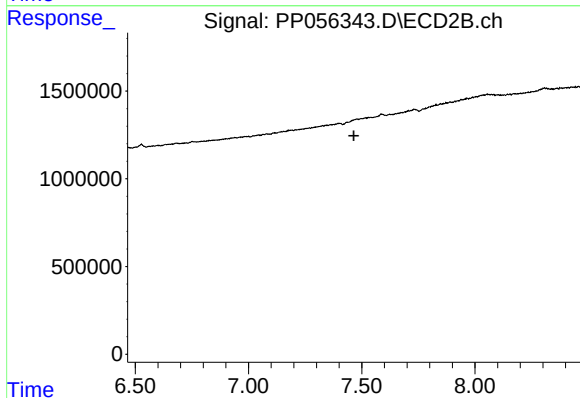
R.T.: 0.000 min
Exp R.T. : 8.025 min
Response: 0
Conc: N.D.



#41 AR-1268-1

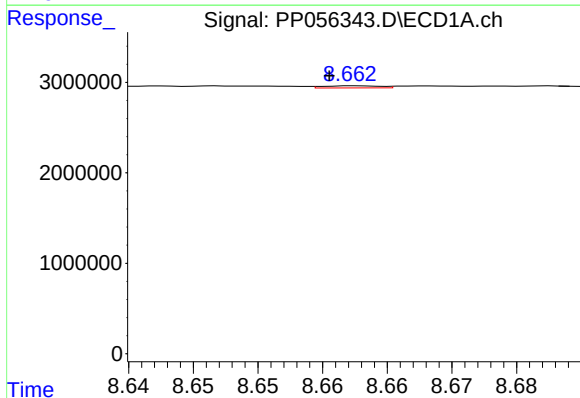
R.T.: 8.563 min
Delta R.T.: -0.004 min
Response: 23302
Conc: 0.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



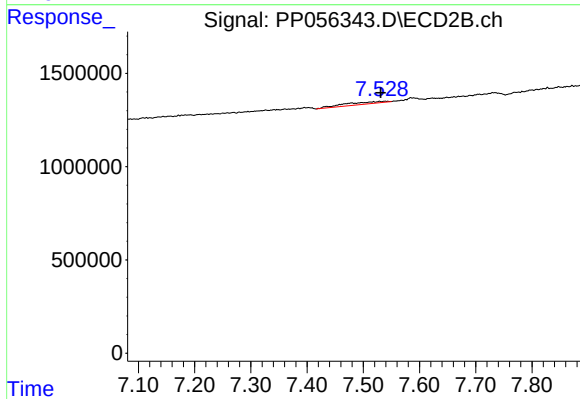
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.466 min
Response: 0
Conc: N.D.



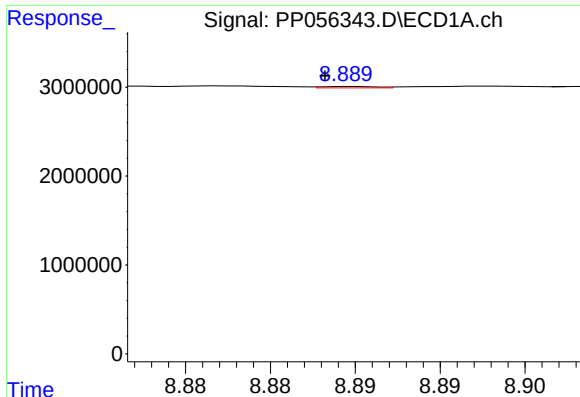
#42 AR-1268-2

R.T.: 8.663 min
Delta R.T.: 0.002 min
Response: 70500
Conc: 0.27 ng/ml



#42 AR-1268-2

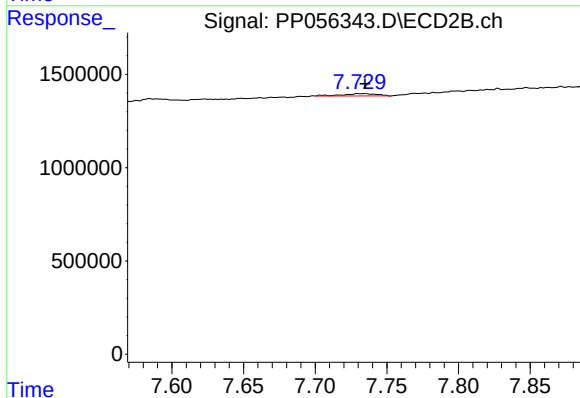
R.T.: 7.529 min
Delta R.T.: -0.002 min
Response: 599717
Conc: 4.01 ng/ml



#43 AR-1268-3

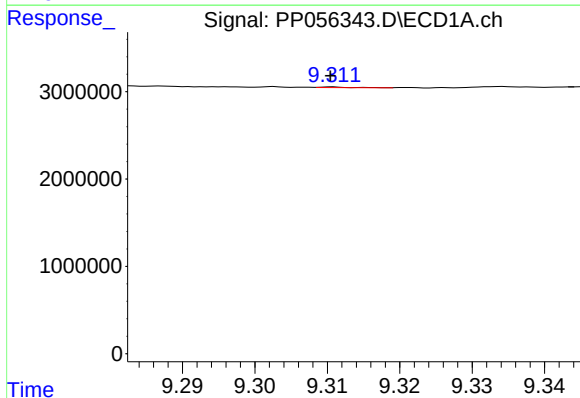
R.T.: 8.890 min
Delta R.T.: 0.002 min
Response: 37551
Conc: 0.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



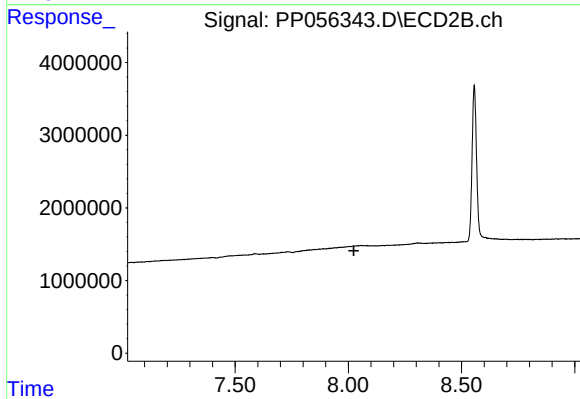
#43 AR-1268-3

R.T.: 7.733 min
Delta R.T.: -0.002 min
Response: 201580
Conc: 1.48 ng/ml



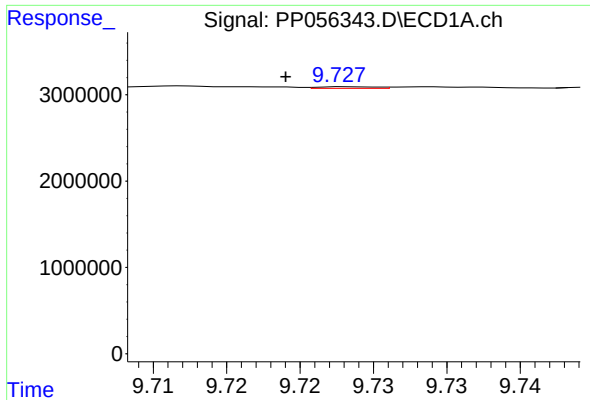
#44 AR-1268-4

R.T.: 9.311 min
Delta R.T.: 0.000 min
Response: 24671
Conc: 0.26 ng/ml



#44 AR-1268-4

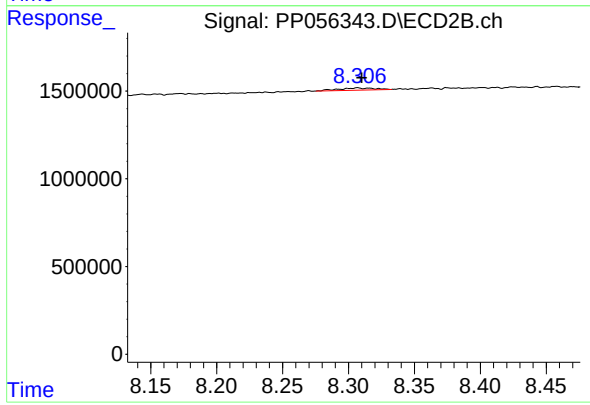
R.T.: 0.000 min
Exp R.T. : 8.024 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.728 min
Delta R.T.: 0.004 min
Response: 53646
Conc: 0.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



#45 AR-1268-5

R.T.: 8.307 min
Delta R.T.: -0.003 min
Response: 232326
Conc: 0.60 ng/ml