

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092523\
 Data File : PP060232.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Sep 2023 22:06
 Operator : YP\AJ
 Sample : 04563-06RE 10X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 02:53:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP091823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 19 09:22:53 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...	4.507	3.664	3522270	2279079	1.693	1.399
2)	SA Decachlor...	10.423	8.730	4260315	3466832	2.793	2.290
Target Compounds							
3)	L1 AR-1016-1	5.721f	4.774	1323807	647877	19.619	10.777 #
4)	L1 AR-1016-2	5.721	4.795	1323807	36660	13.839	0.442 #
5)	L1 AR-1016-3	5.763f	0.000	1882526	0	31.627	N.D. #
6)	L1 AR-1016-4	0.000	5.036f	0	1047263	N.D.	29.685 #
7)	L1 AR-1016-5	0.000	5.251f	0	229903	N.D.	4.945 #
8)	L2 AR-1221-1	4.718	3.899	2213373	134404	83.262	6.119 #
9)	L2 AR-1221-2	0.000	3.977	0	51101	N.D.	3.310 #
10)	L2 AR-1221-3	0.000	4.055	0	59354	N.D.	1.265 #
11)	L3 AR-1232-1	0.000	4.055	0	59354	N.D.	1.561 #
12)	L3 AR-1232-2	0.000	4.795	0	36660	N.D.	0.994 #
13)	L3 AR-1232-3	5.721	0.000	1323807	0	30.641	N.D. #
14)	L3 AR-1232-4	0.000	5.059	0	11164	N.D.	0.611 #
15)	L3 AR-1232-5	6.000f	5.251f	609006	229903	33.197	11.467 #
16)	L4 AR-1242-1	5.721f	4.774	1323807	647877	22.165	12.303 #
17)	L4 AR-1242-2	5.721	4.795	1323807	36660	15.753	0.509 #
18)	L4 AR-1242-3	5.763f	0.000	1882526	0	35.994	N.D. #
19)	L4 AR-1242-4	0.000	5.059	0	11164	N.D.	0.285 #
20)	L4 AR-1242-5	6.622	5.564f	4026818	5600	88.077	0.116 #
21)	L5 AR-1248-1	5.721f	4.774	1323807	647877	29.618	16.581 #
22)	L5 AR-1248-2	6.000f	5.036f	609006	1047263	9.403	19.328 #
23)	L5 AR-1248-3	0.000	5.059	0	11164	N.D.	0.196 #
24)	L5 AR-1248-4	6.591	5.251f	3392958	229903	43.868	3.423 #
25)	L5 AR-1248-5	6.622	0.000	4026818	0	53.519	N.D. #
26)	L6 AR-1254-1	6.550	5.564f	6835812	5600	85.623	0.056 #
27)	L6 AR-1254-2	0.000	5.743	0	512256	N.D.	5.896 #
28)	L6 AR-1254-3	7.182f	6.127f	3662049	1212013	30.145	8.633 #
29)	L6 AR-1254-4	0.000	6.349f	0	377355	N.D.	4.483 #
30)	L6 AR-1254-5	7.883	6.799	6712630	668192	69.007	5.633 #
31)	L7 AR-1260-1	7.310	6.275	3930269	679595	43.603	7.298 #
32)	L7 AR-1260-2	0.000	6.462	0	2028380	N.D.	18.501 #
33)	L7 AR-1260-3	7.947	6.621	5014234	85367	63.666	0.830 #
34)	L7 AR-1260-4	8.183	7.089	2715483	633112	30.300	7.602 #
35)	L7 AR-1260-5	0.000	7.332	0	584441	N.D.	3.038 #
36)	L8 AR-1262-1	7.947	6.871f	5014234	544370	43.326	10.785 #
37)	L8 AR-1262-2	0.000	7.089	0	633112	N.D.	5.604 #
39)	L8 AR-1262-4	0.000	7.689	0	270148	N.D.	1.654 #
40)	L8 AR-1262-5	0.000	8.214f	0	118210	N.D.	1.584 #
42)	L9 AR-1268-2	8.964f	7.689	3970953	270148	17.302	1.169 #
43)	L9 AR-1268-3	0.000	7.909	0	366195	N.D.	1.794 #

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 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 19 09:22:53 2023
 Response via : Initial Calibration
 Integrator: ChemStation

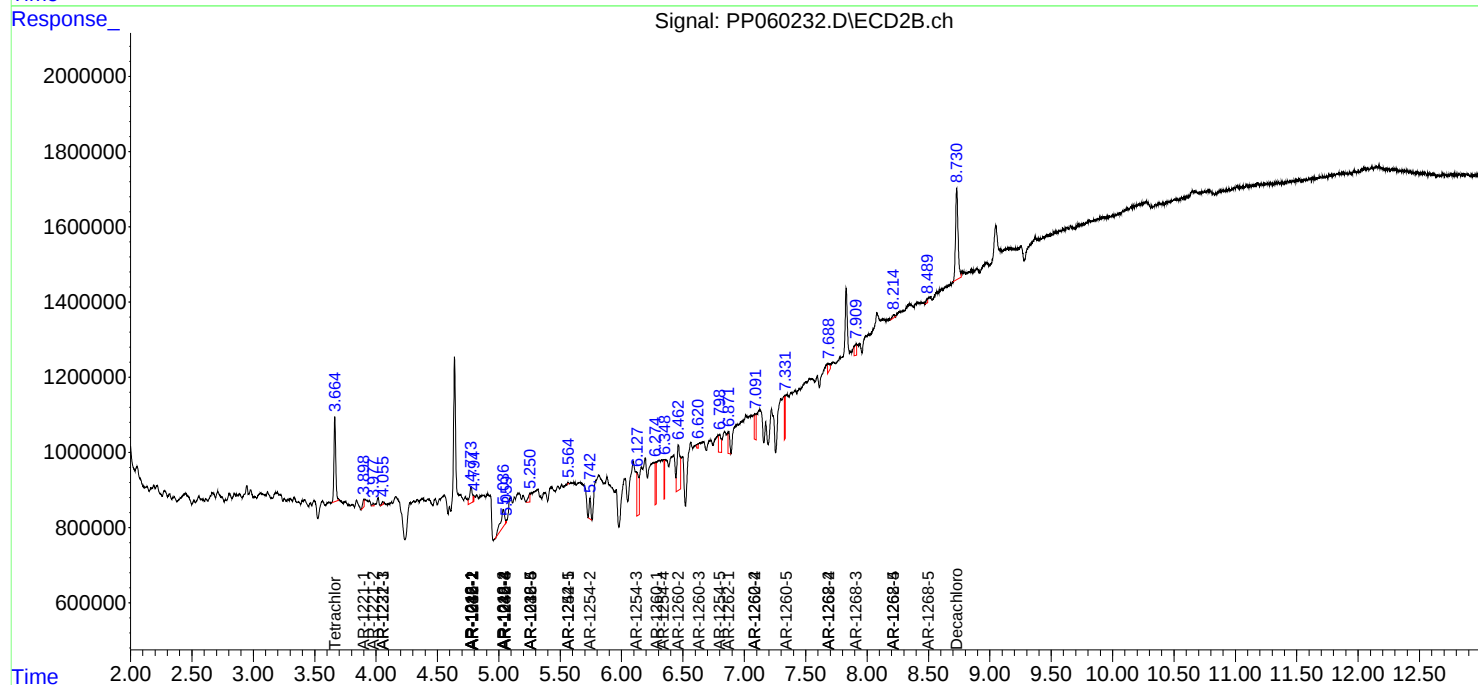
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

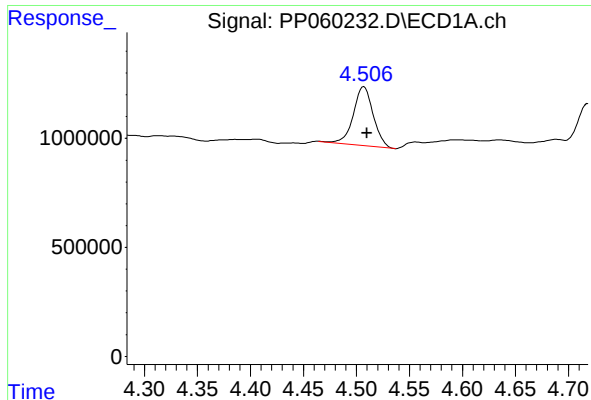
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44)	L9 AR-1268-4	0.000	8.214f	0	118210	N.D.	1.464 #
45)	L9 AR-1268-5	0.000	8.489	0	79442	N.D.	0.126 #

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

Instrument :
ECD_P
ClientSampleId :

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

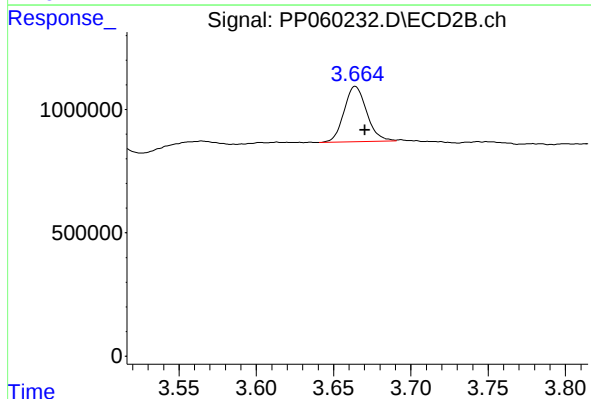




#1 Tetrachloro-m-xylene

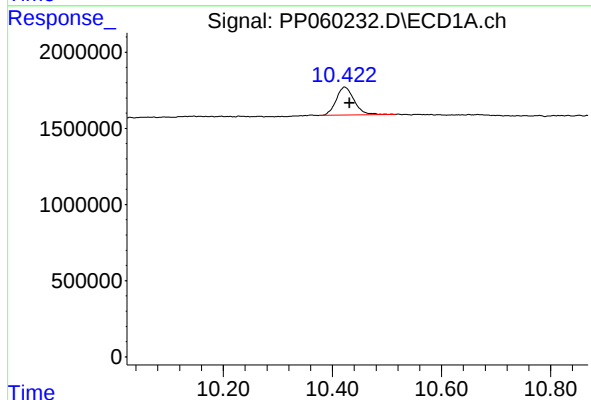
R.T.: 4.507 min
Delta R.T.: -0.003 min
Response: 3522270
Conc: 1.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



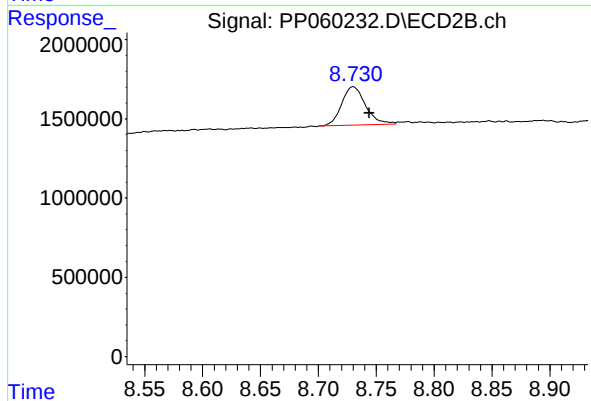
#1 Tetrachloro-m-xylene

R.T.: 3.664 min
Delta R.T.: -0.006 min
Response: 2279079
Conc: 1.40 ng/ml



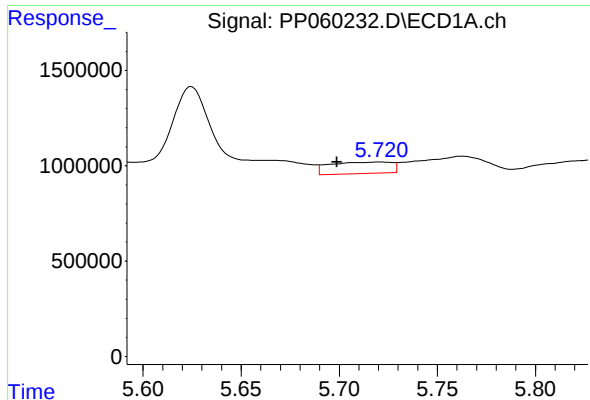
#2 Decachlorobiphenyl

R.T.: 10.423 min
Delta R.T.: -0.009 min
Response: 4260315
Conc: 2.79 ng/ml



#2 Decachlorobiphenyl

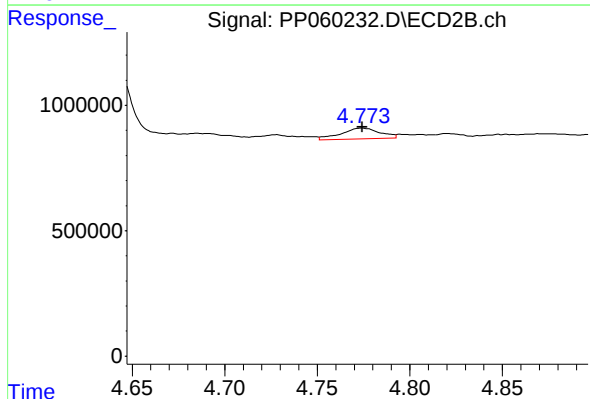
R.T.: 8.730 min
Delta R.T.: -0.014 min
Response: 3466832
Conc: 2.29 ng/ml



#3 AR-1016-1

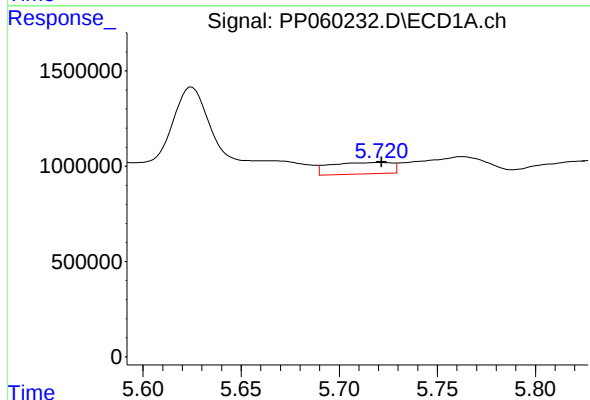
R.T.: 5.721 min
Delta R.T.: 0.022 min
Response: 1323807
Conc: 19.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



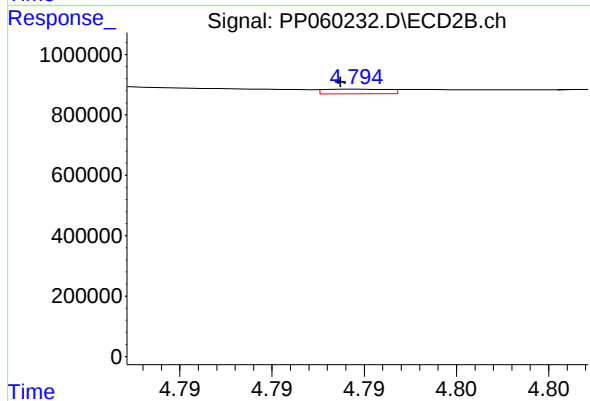
#3 AR-1016-1

R.T.: 4.774 min
Delta R.T.: 0.000 min
Response: 647877
Conc: 10.78 ng/ml



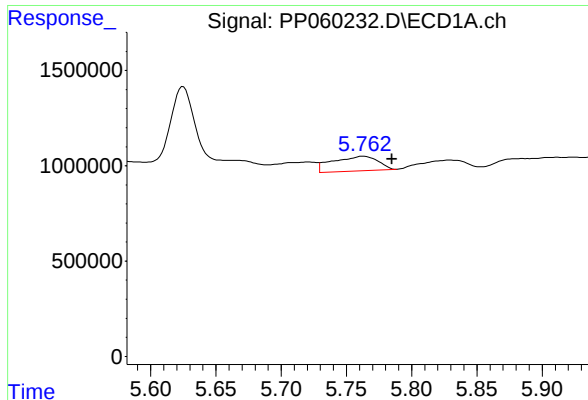
#4 AR-1016-2

R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 1323807
Conc: 13.84 ng/ml



#4 AR-1016-2

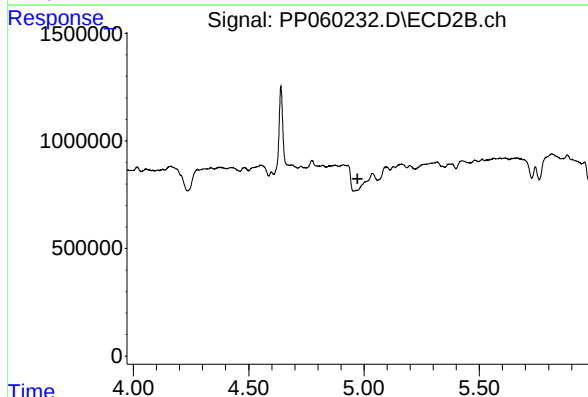
R.T.: 4.795 min
Delta R.T.: 0.001 min
Response: 36660
Conc: 0.44 ng/ml



#5 AR-1016-3

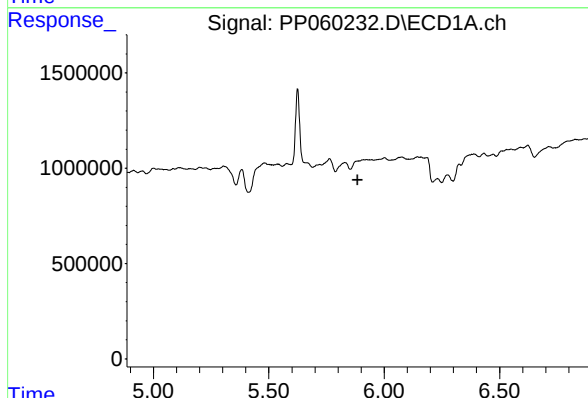
R.T.: 5.763 min
Delta R.T.: -0.022 min
Response: 1882526
Conc: 31.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



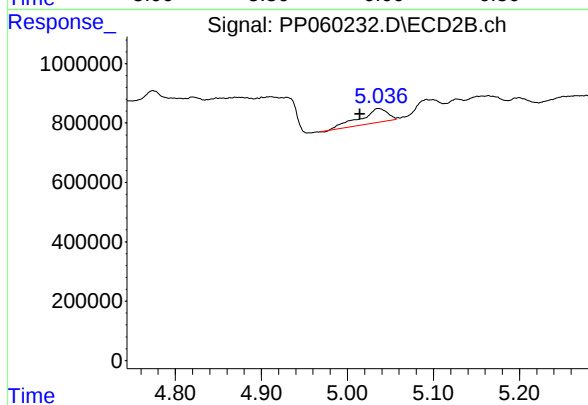
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.972 min
Response: 0
Conc: N.D.



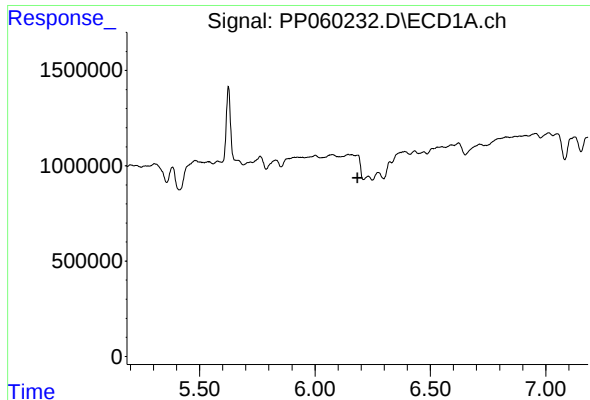
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.885 min
Response: 0
Conc: N.D.



#6 AR-1016-4

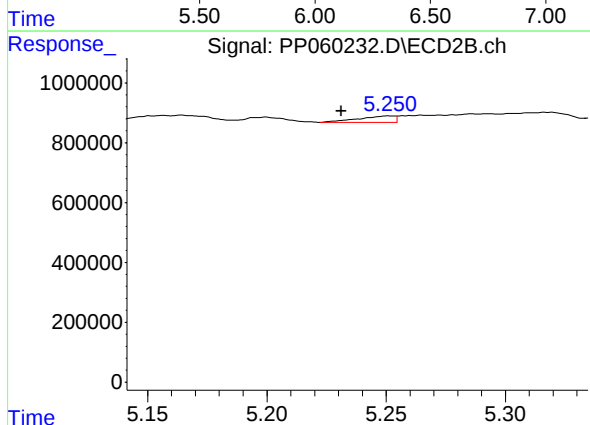
R.T.: 5.036 min
Delta R.T.: 0.022 min
Response: 1047263
Conc: 29.69 ng/ml



#7 AR-1016-5

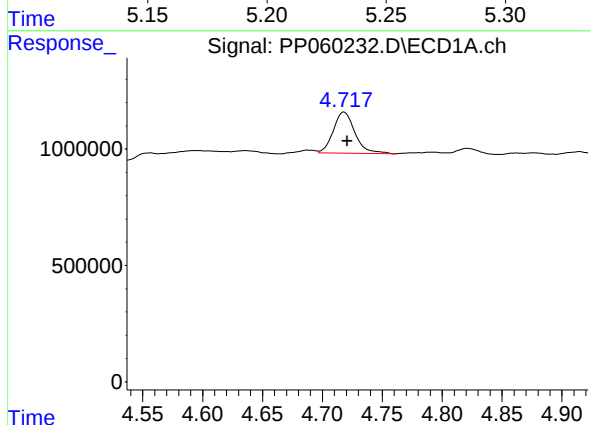
R.T.: 0.000 min
Exp R.T.: 6.184 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



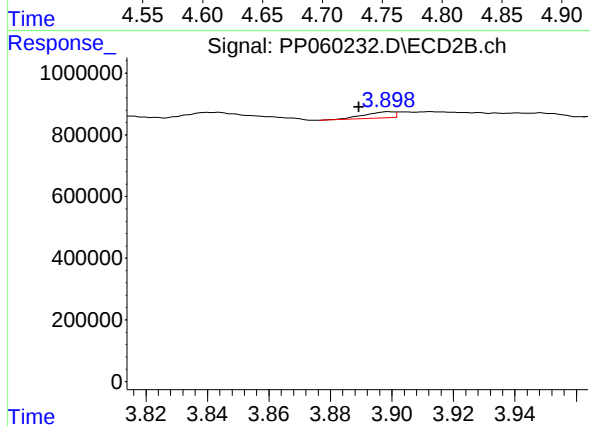
#7 AR-1016-5

R.T.: 5.251 min
Delta R.T.: 0.020 min
Response: 229903
Conc: 4.94 ng/ml



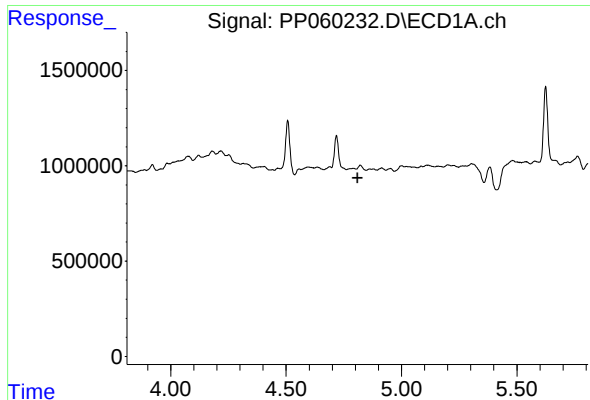
#8 AR-1221-1

R.T.: 4.718 min
Delta R.T.: -0.003 min
Response: 2213373
Conc: 83.26 ng/ml



#8 AR-1221-1

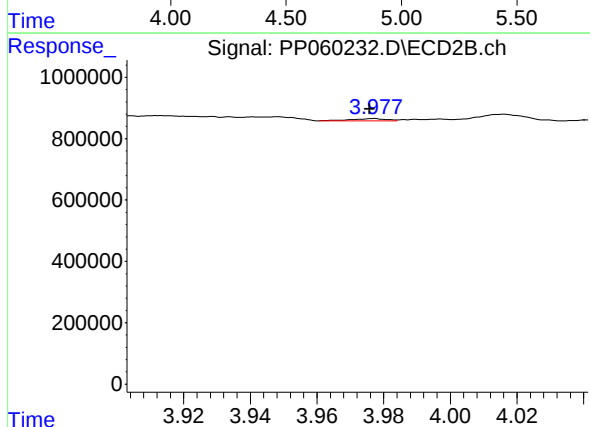
R.T.: 3.899 min
Delta R.T.: 0.009 min
Response: 134404
Conc: 6.12 ng/ml



#9 AR-1221-2

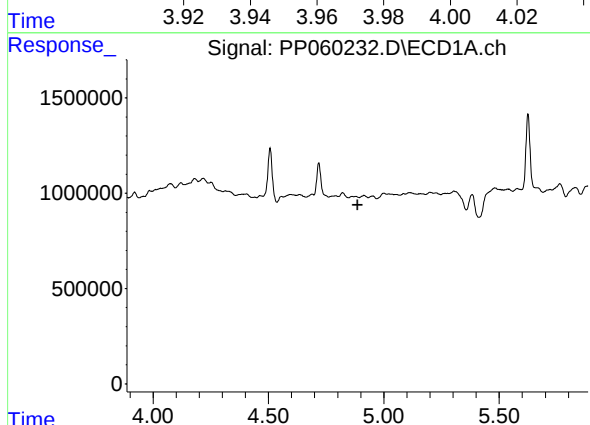
R.T.: 0.000 min
Exp R.T.: 4.809 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



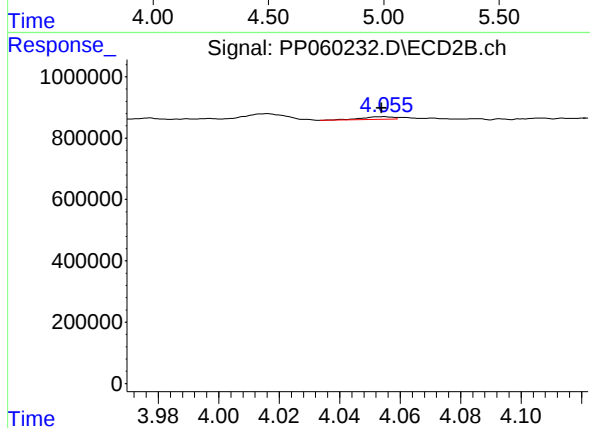
#9 AR-1221-2

R.T.: 3.977 min
Delta R.T.: 0.001 min
Response: 51101
Conc: 3.31 ng/ml



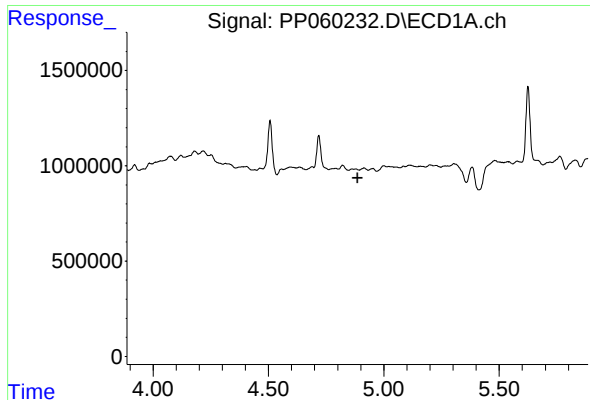
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.887 min
Response: 0
Conc: N.D.



#10 AR-1221-3

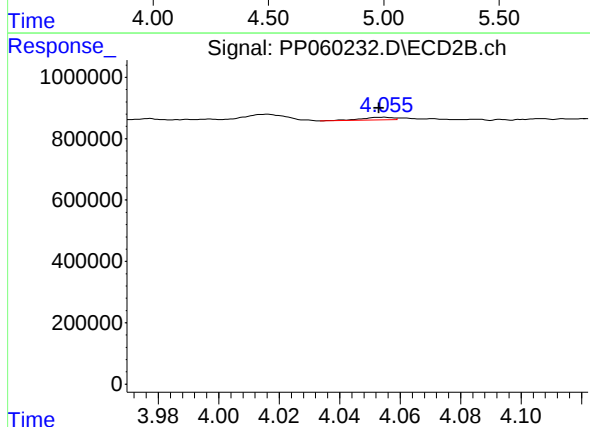
R.T.: 4.055 min
Delta R.T.: 0.001 min
Response: 59354
Conc: 1.27 ng/ml



#11 AR-1232-1

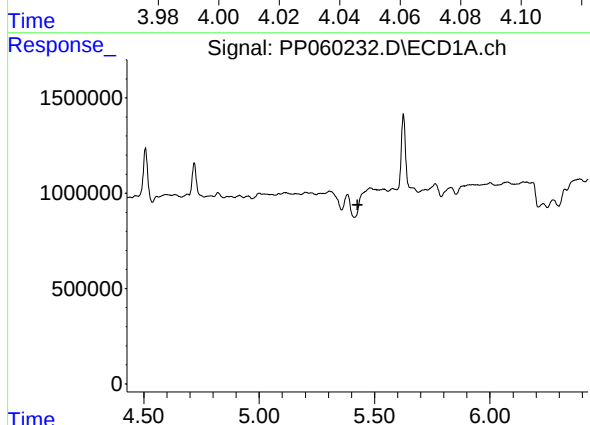
R.T.: 0.000 min
Exp R.T.: 4.886 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



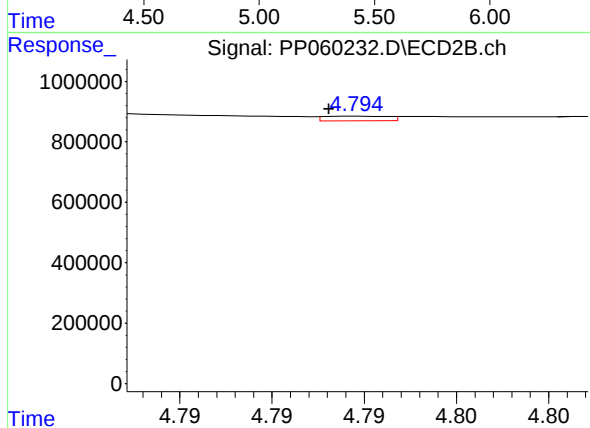
#11 AR-1232-1

R.T.: 4.055 min
Delta R.T.: 0.002 min
Response: 59354
Conc: 1.56 ng/ml



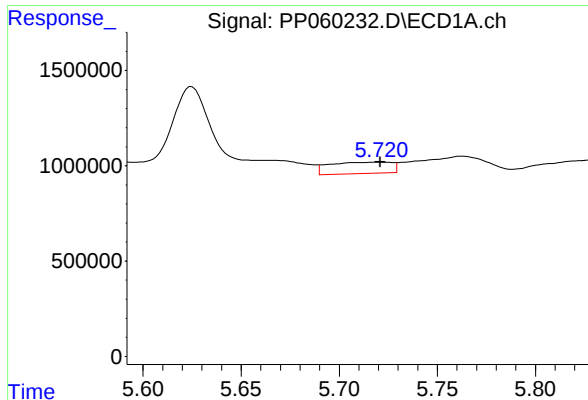
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.426 min
Response: 0
Conc: N.D.



#12 AR-1232-2

R.T.: 4.795 min
Delta R.T.: 0.002 min
Response: 36660
Conc: 0.99 ng/ml



#13 AR-1232-3

R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 1323807
Conc: 30.64 ng/ml

Instrument :
ECD_P
ClientSampleId :

#13 AR-1232-3

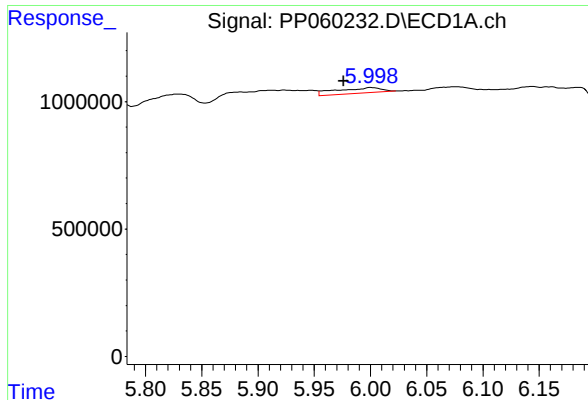
R.T.: 0.000 min
Exp R.T. : 4.971 min
Response: 0
Conc: N.D.

#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.884 min
Response: 0
Conc: N.D.

#14 AR-1232-4

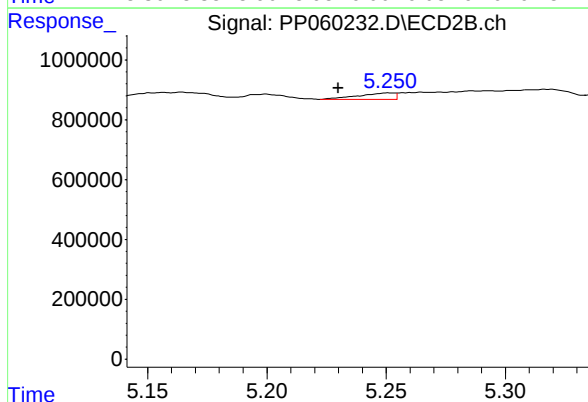
R.T.: 5.059 min
Delta R.T.: 0.003 min
Response: 11164
Conc: 0.61 ng/ml



#15 AR-1232-5

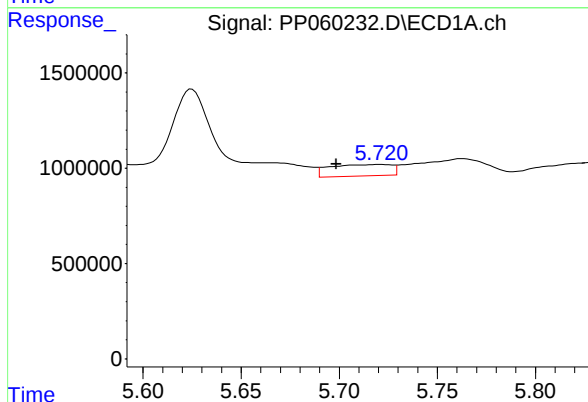
R.T.: 6.000 min
Delta R.T.: 0.024 min
Response: 609006
Conc: 33.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



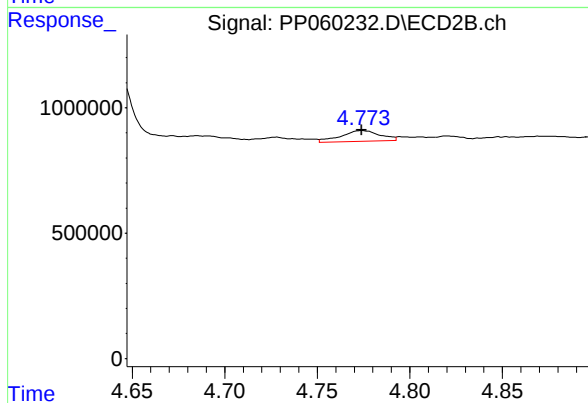
#15 AR-1232-5

R.T.: 5.251 min
Delta R.T.: 0.021 min
Response: 229903
Conc: 11.47 ng/ml



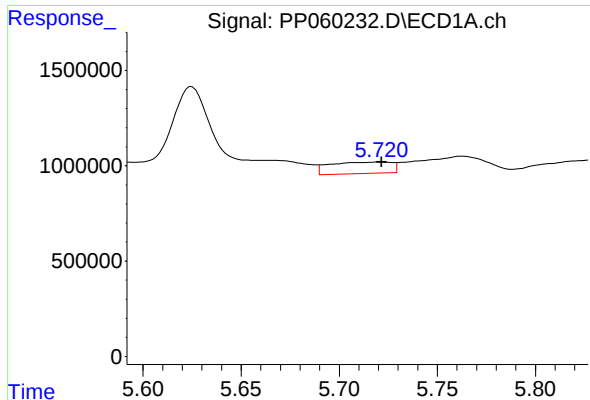
#16 AR-1242-1

R.T.: 5.721 min
Delta R.T.: 0.022 min
Response: 1323807
Conc: 22.16 ng/ml



#16 AR-1242-1

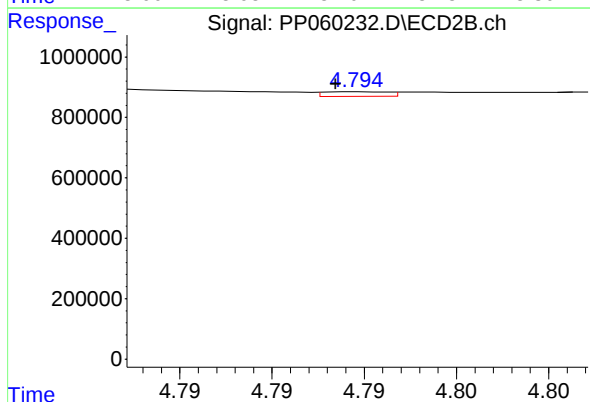
R.T.: 4.774 min
Delta R.T.: 0.000 min
Response: 647877
Conc: 12.30 ng/ml



#17 AR-1242-2

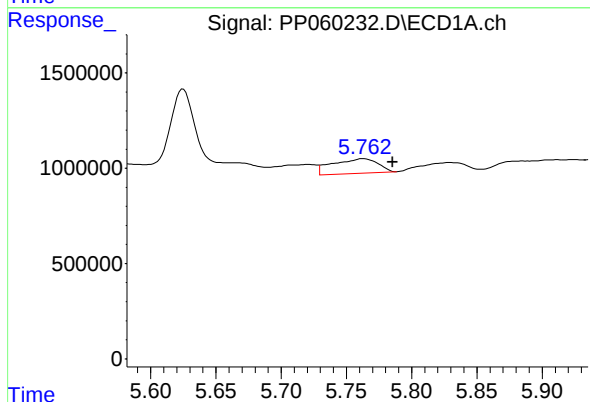
R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 1323807
Conc: 15.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



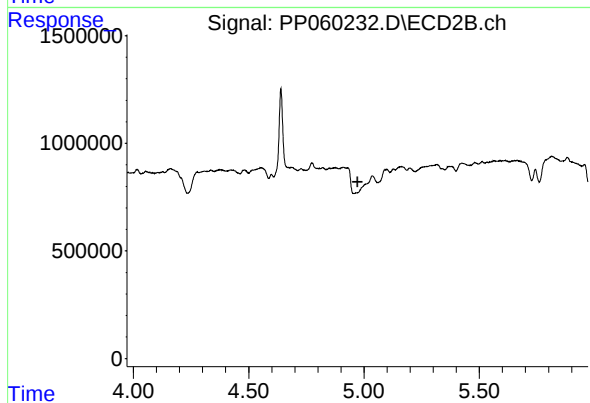
#17 AR-1242-2

R.T.: 4.795 min
Delta R.T.: 0.001 min
Response: 36660
Conc: 0.51 ng/ml



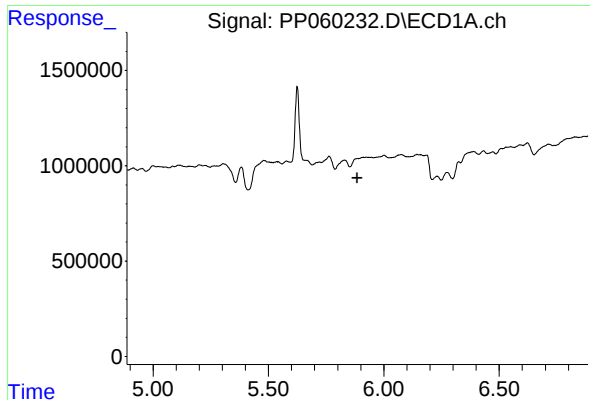
#18 AR-1242-3

R.T.: 5.763 min
Delta R.T.: -0.022 min
Response: 1882526
Conc: 35.99 ng/ml



#18 AR-1242-3

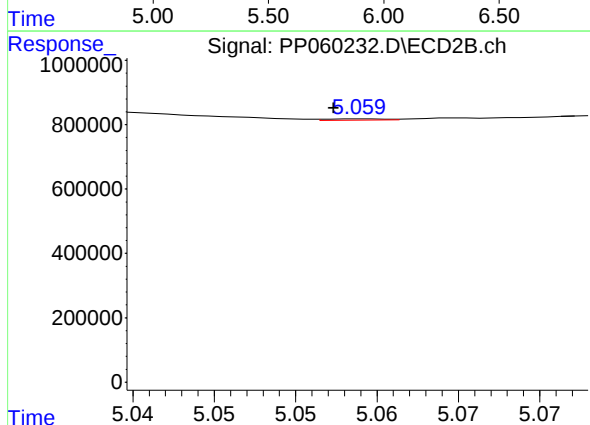
R.T.: 0.000 min
Exp R.T.: 4.971 min
Response: 0
Conc: N.D.



#19 AR-1242-4

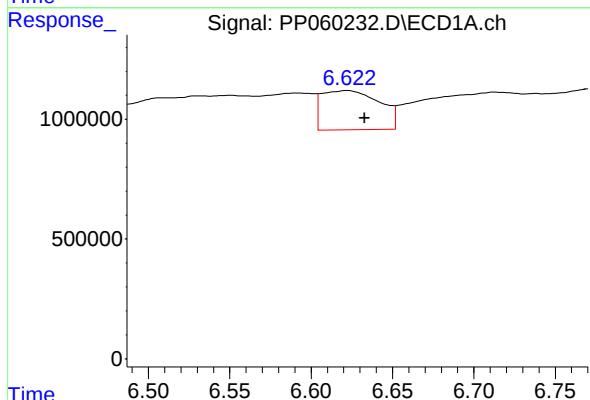
R.T.: 0.000 min
Exp R.T.: 5.885 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



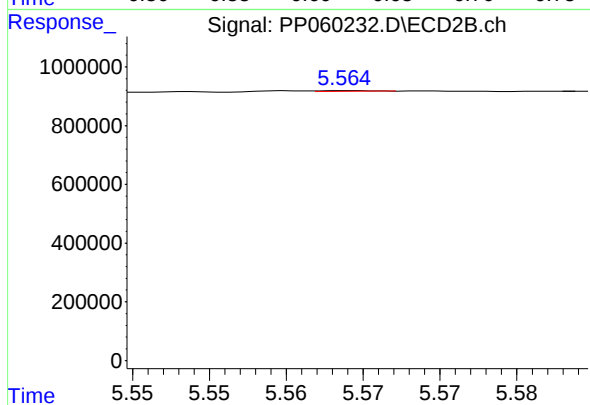
#19 AR-1242-4

R.T.: 5.059 min
Delta R.T.: 0.002 min
Response: 11164
Conc: 0.28 ng/ml



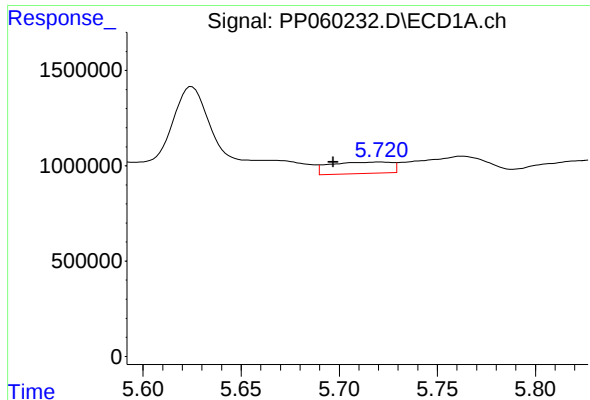
#20 AR-1242-5

R.T.: 6.622 min
Delta R.T.: -0.010 min
Response: 4026818
Conc: 88.08 ng/ml



#20 AR-1242-5

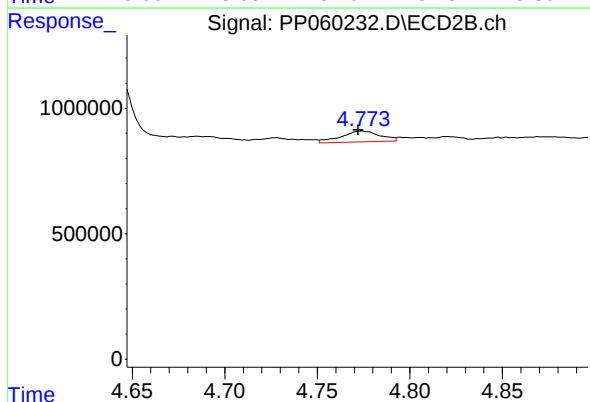
R.T.: 5.564 min
Delta R.T.: -0.021 min
Response: 5600
Conc: 0.12 ng/ml



#21 AR-1248-1

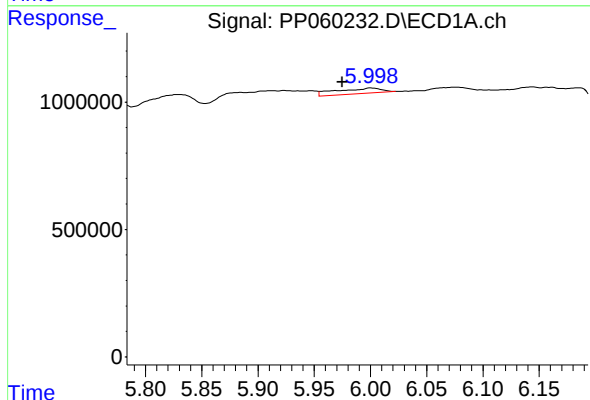
R.T.: 5.721 min
Delta R.T.: 0.024 min
Response: 1323807
Conc: 29.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



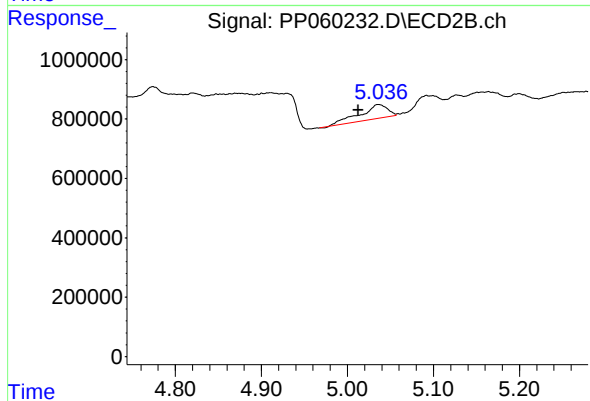
#21 AR-1248-1

R.T.: 4.774 min
Delta R.T.: 0.002 min
Response: 647877
Conc: 16.58 ng/ml



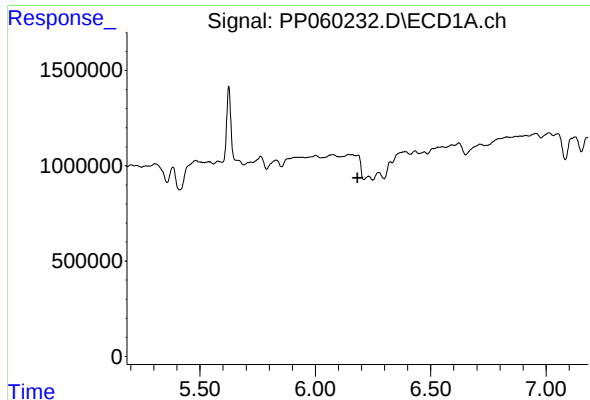
#22 AR-1248-2

R.T.: 6.000 min
Delta R.T.: 0.025 min
Response: 609006
Conc: 9.40 ng/ml



#22 AR-1248-2

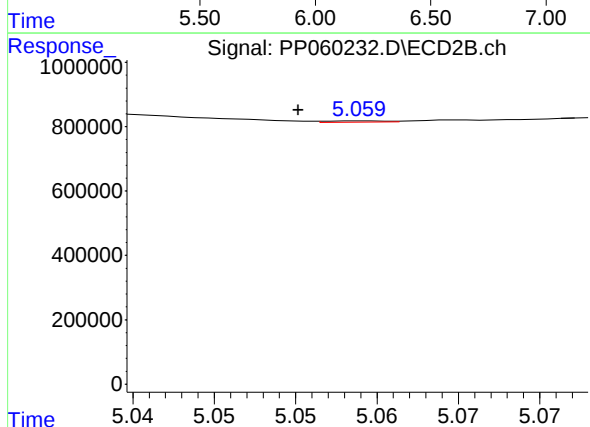
R.T.: 5.036 min
Delta R.T.: 0.023 min
Response: 1047263
Conc: 19.33 ng/ml



#23 AR-1248-3

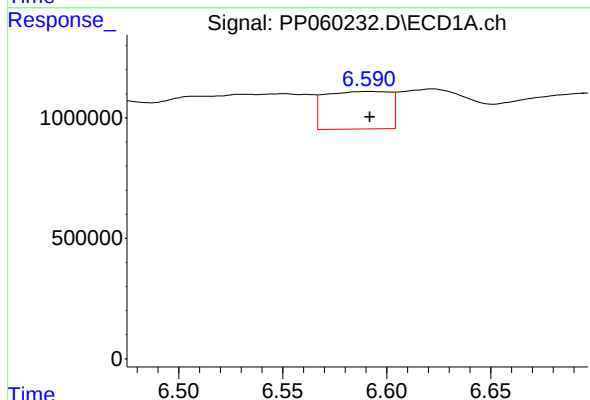
R.T.: 0.000 min
Exp R.T.: 6.183 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



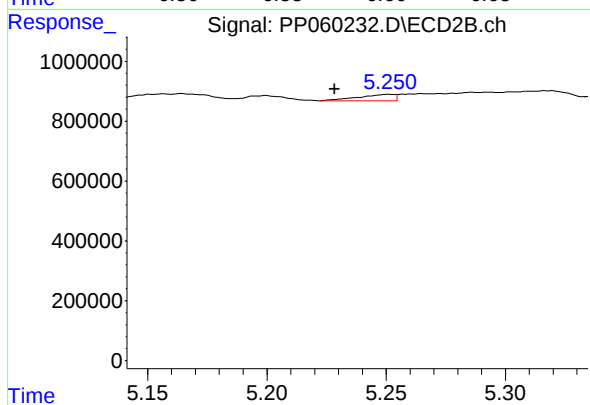
#23 AR-1248-3

R.T.: 5.059 min
Delta R.T.: 0.004 min
Response: 11164
Conc: 0.20 ng/ml



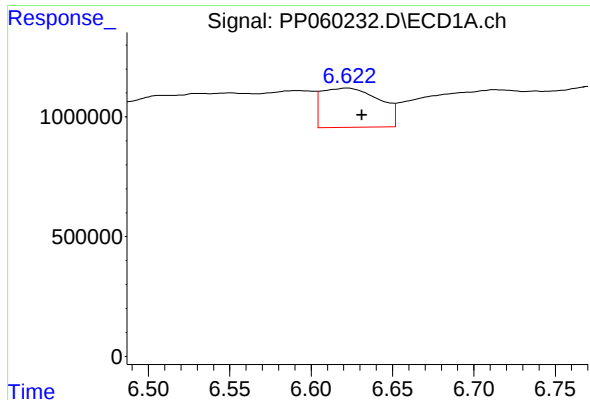
#24 AR-1248-4

R.T.: 6.591 min
Delta R.T.: -0.001 min
Response: 3392958
Conc: 43.87 ng/ml



#24 AR-1248-4

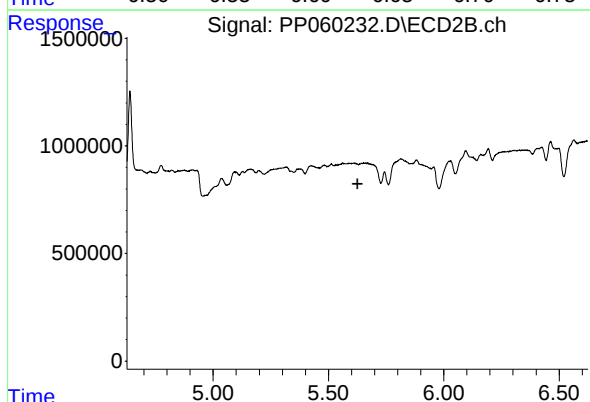
R.T.: 5.251 min
Delta R.T.: 0.022 min
Response: 229903
Conc: 3.42 ng/ml



#25 AR-1248-5

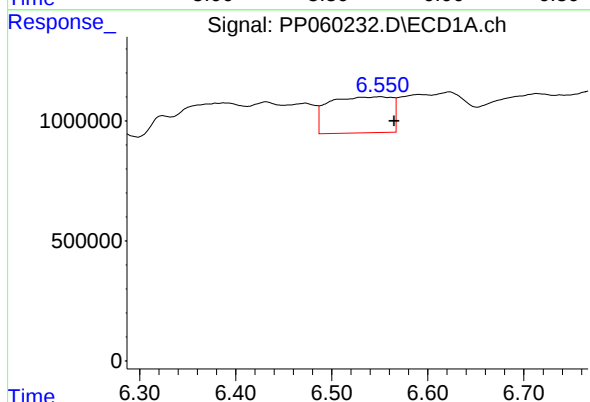
R.T.: 6.622 min
Delta R.T.: -0.009 min
Response: 4026818
Conc: 53.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



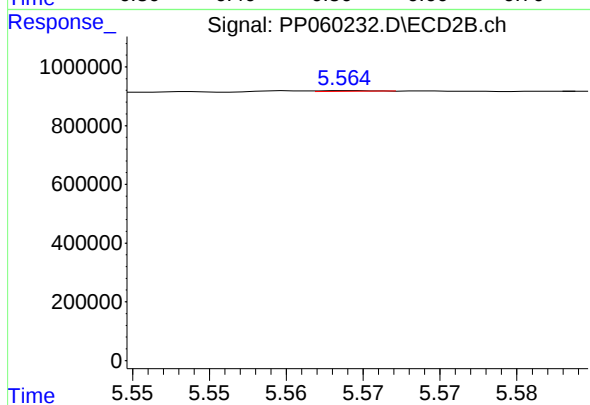
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T.: 5.626 min
Response: 0
Conc: N.D.



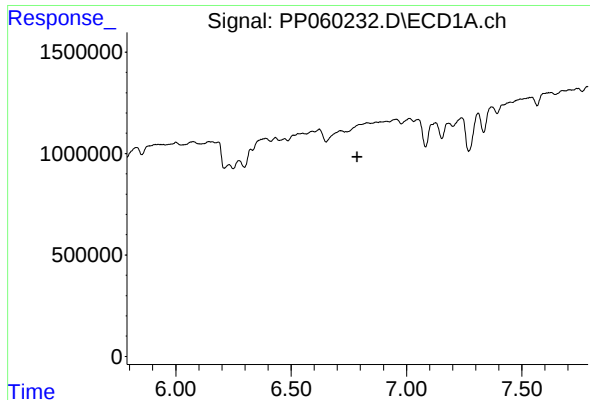
#26 AR-1254-1

R.T.: 6.550 min
Delta R.T.: -0.015 min
Response: 6835812
Conc: 85.62 ng/ml



#26 AR-1254-1

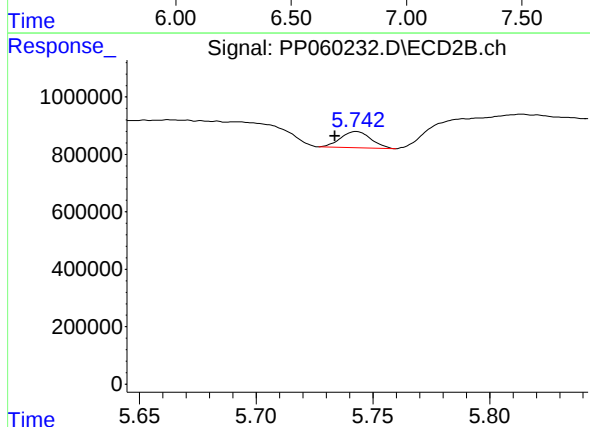
R.T.: 5.564 min
Delta R.T.: -0.021 min
Response: 5600
Conc: 0.06 ng/ml



#27 AR-1254-2

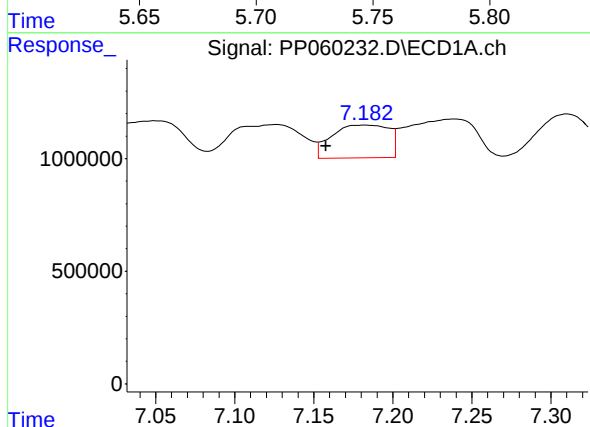
R.T.: 0.000 min
Exp R.T.: 6.787 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



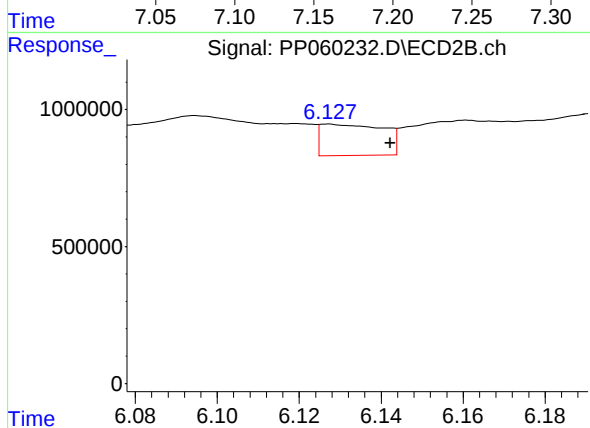
#27 AR-1254-2

R.T.: 5.743 min
Delta R.T.: 0.009 min
Response: 512256
Conc: 5.90 ng/ml



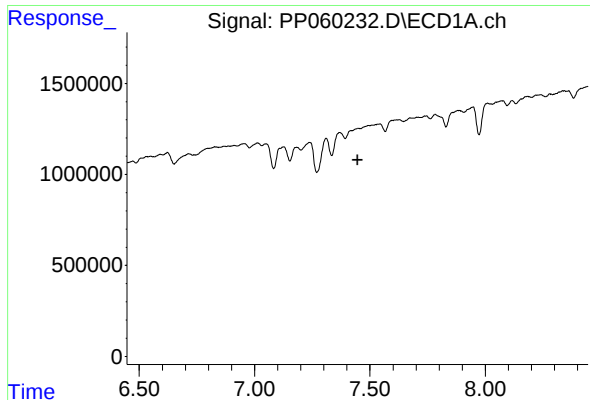
#28 AR-1254-3

R.T.: 7.182 min
Delta R.T.: 0.025 min
Response: 3662049
Conc: 30.15 ng/ml



#28 AR-1254-3

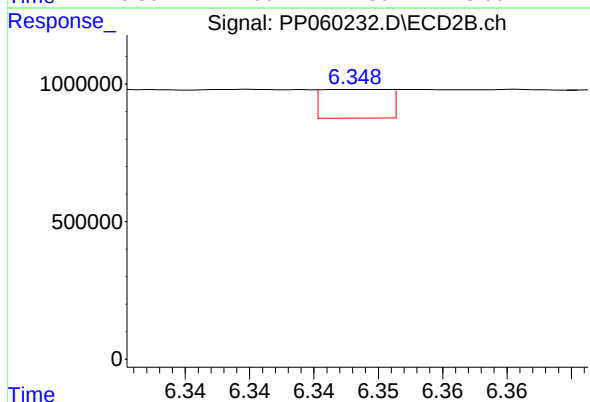
R.T.: 6.127 min
Delta R.T.: -0.015 min
Response: 1212013
Conc: 8.63 ng/ml



#29 AR-1254-4

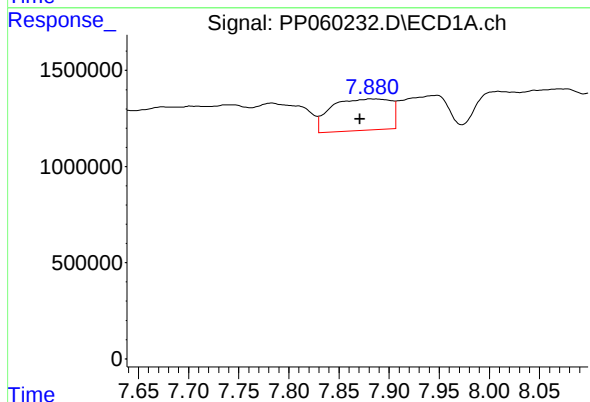
R.T.: 0.000 min
Exp R.T.: 7.446 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



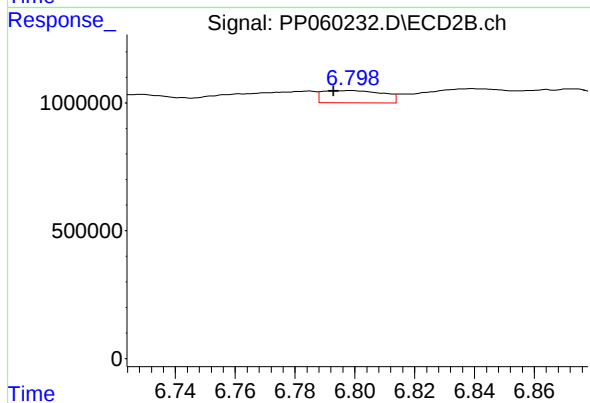
#29 AR-1254-4

R.T.: 6.349 min
Delta R.T.: -0.021 min
Response: 377355
Conc: 4.48 ng/ml



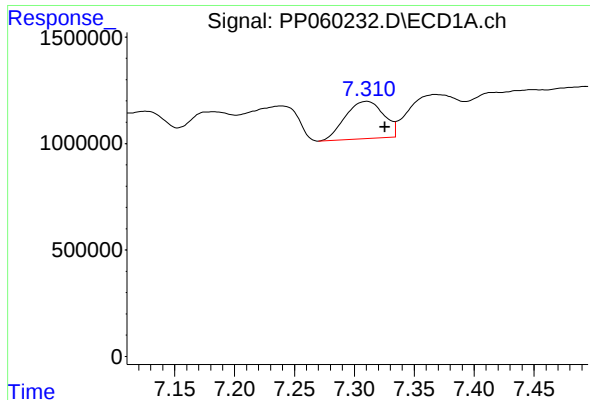
#30 AR-1254-5

R.T.: 7.883 min
Delta R.T.: 0.012 min
Response: 6712630
Conc: 69.01 ng/ml



#30 AR-1254-5

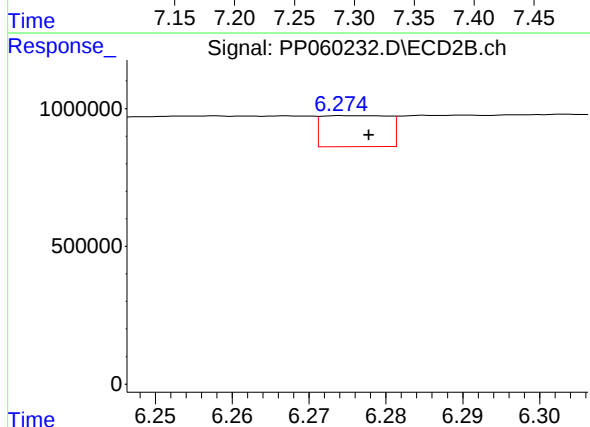
R.T.: 6.799 min
Delta R.T.: 0.006 min
Response: 668192
Conc: 5.63 ng/ml



#31 AR-1260-1

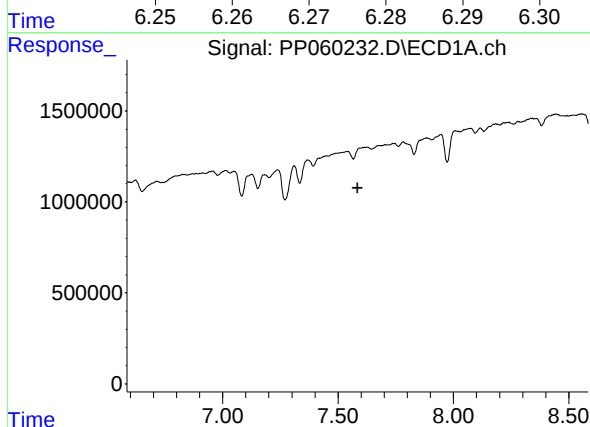
R.T.: 7.310 min
Delta R.T.: -0.015 min
Response: 3930269
Conc: 43.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



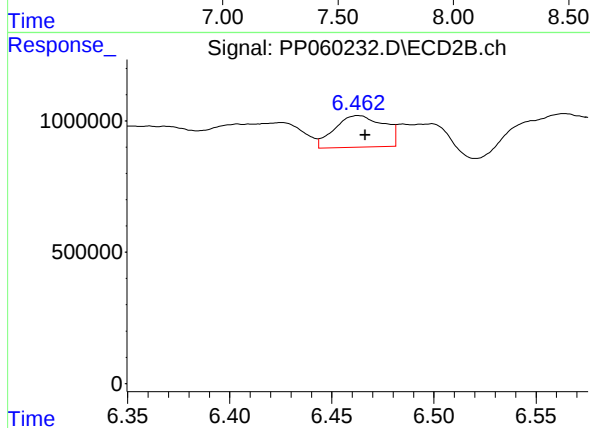
#31 AR-1260-1

R.T.: 6.275 min
Delta R.T.: -0.003 min
Response: 679595
Conc: 7.30 ng/ml



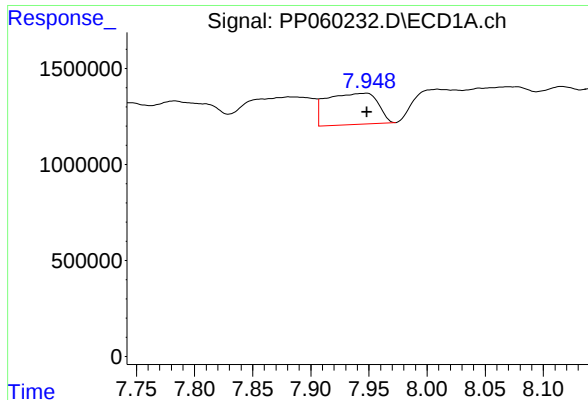
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 7.585 min
Response: 0
Conc: N.D.



#32 AR-1260-2

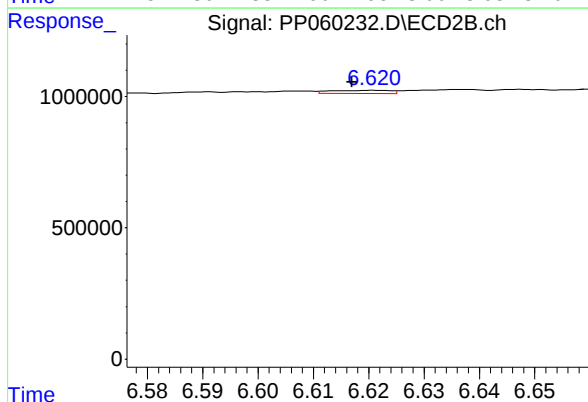
R.T.: 6.462 min
Delta R.T.: -0.004 min
Response: 2028380
Conc: 18.50 ng/ml



#33 AR-1260-3

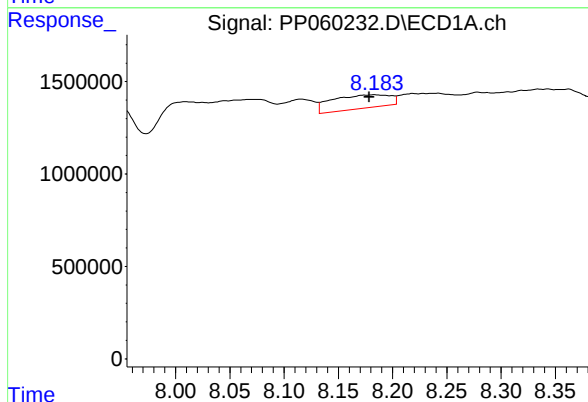
R.T.: 7.947 min
Delta R.T.: -0.001 min
Response: 5014234
Conc: 63.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



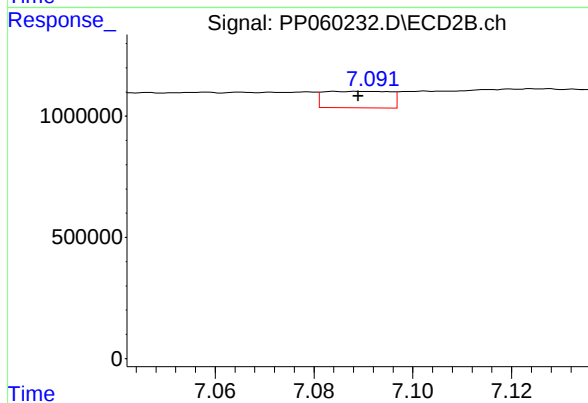
#33 AR-1260-3

R.T.: 6.621 min
Delta R.T.: 0.004 min
Response: 85367
Conc: 0.83 ng/ml



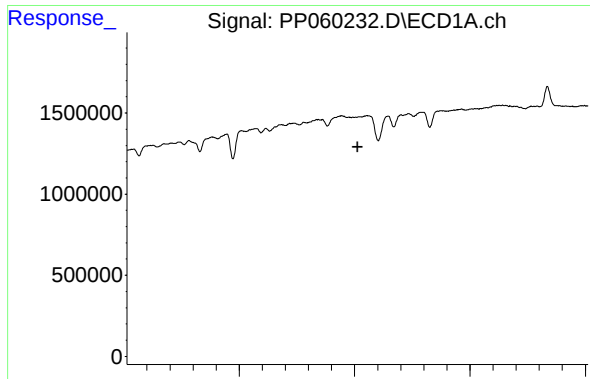
#34 AR-1260-4

R.T.: 8.183 min
Delta R.T.: 0.005 min
Response: 2715483
Conc: 30.30 ng/ml



#34 AR-1260-4

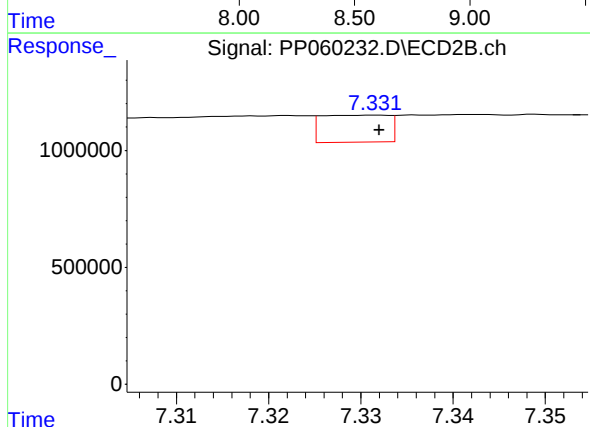
R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 633112
Conc: 7.60 ng/ml



#35 AR-1260-5

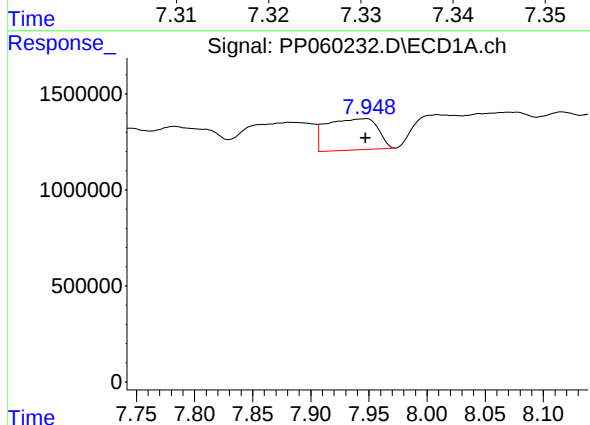
R.T.: 0.000 min
Exp R.T.: 8.513 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



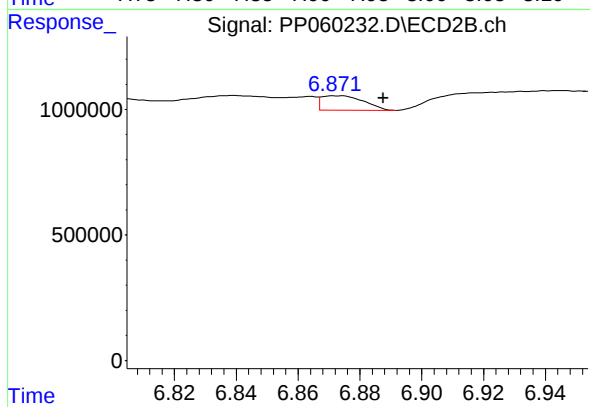
#35 AR-1260-5

R.T.: 7.332 min
Delta R.T.: 0.000 min
Response: 584441
Conc: 3.04 ng/ml



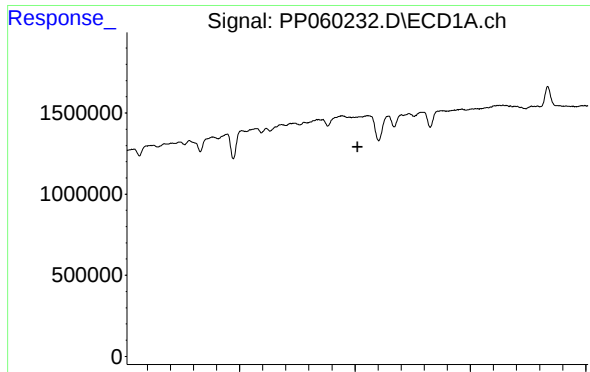
#36 AR-1262-1

R.T.: 7.947 min
Delta R.T.: 0.000 min
Response: 5014234
Conc: 43.33 ng/ml



#36 AR-1262-1

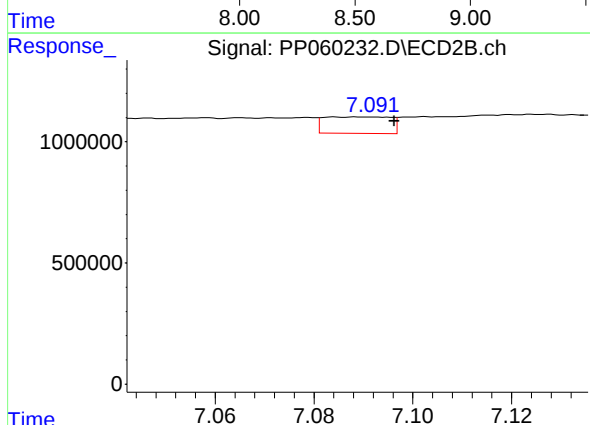
R.T.: 6.871 min
Delta R.T.: -0.016 min
Response: 544370
Conc: 10.79 ng/ml



#37 AR-1262-2

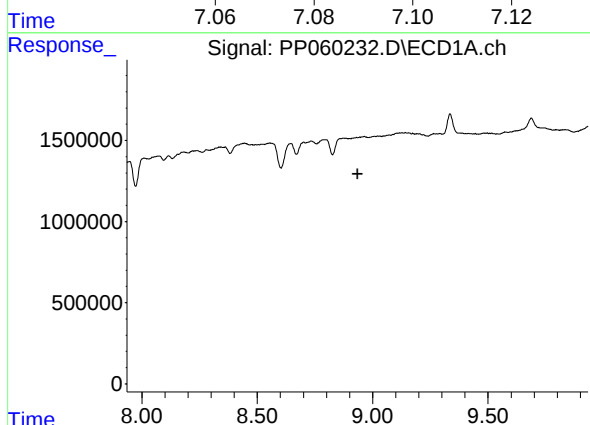
R.T.: 0.000 min
Exp R.T.: 8.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



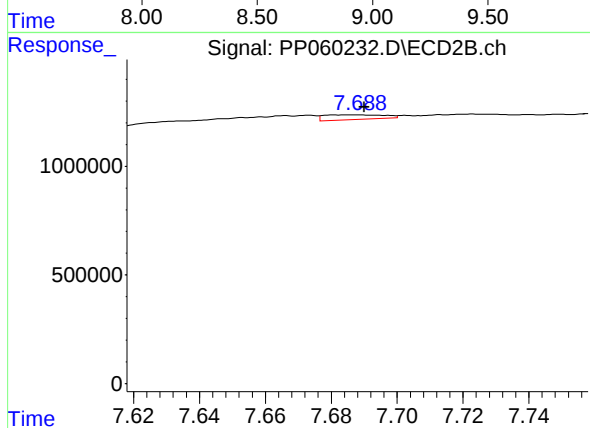
#37 AR-1262-2

R.T.: 7.089 min
Delta R.T.: -0.008 min
Response: 633112
Conc: 5.60 ng/ml



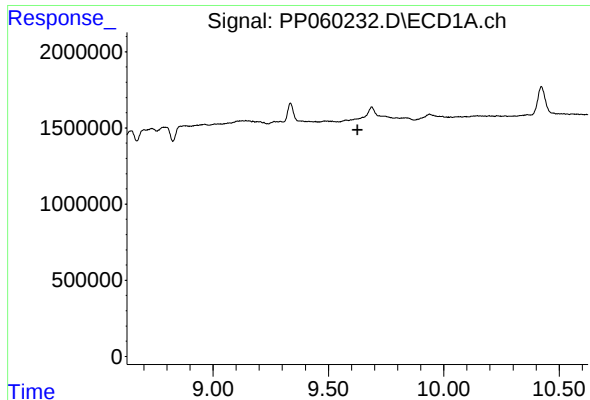
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 8.934 min
Response: 0
Conc: N.D.



#39 AR-1262-4

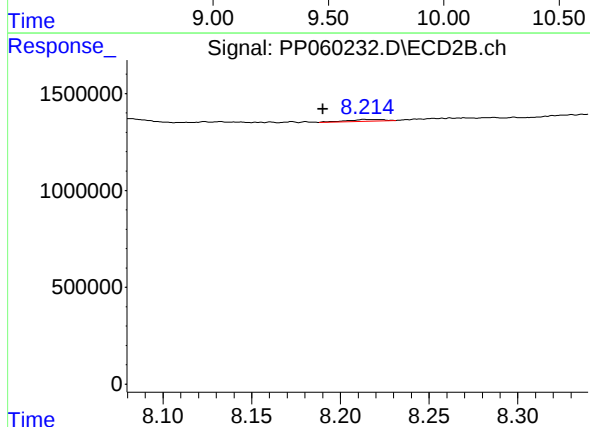
R.T.: 7.689 min
Delta R.T.: -0.001 min
Response: 270148
Conc: 1.65 ng/ml



#40 AR-1262-5

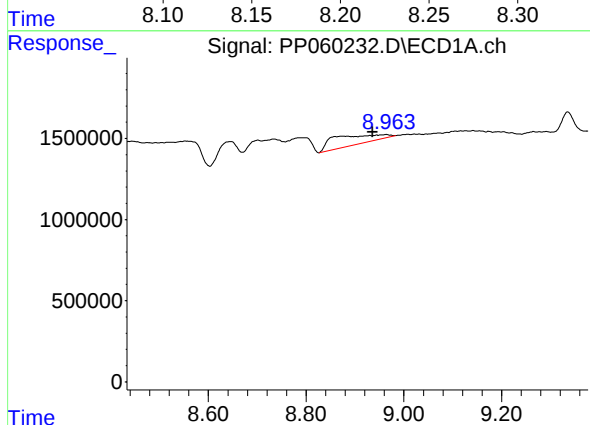
R.T.: 0.000 min
Exp R.T.: 9.626 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



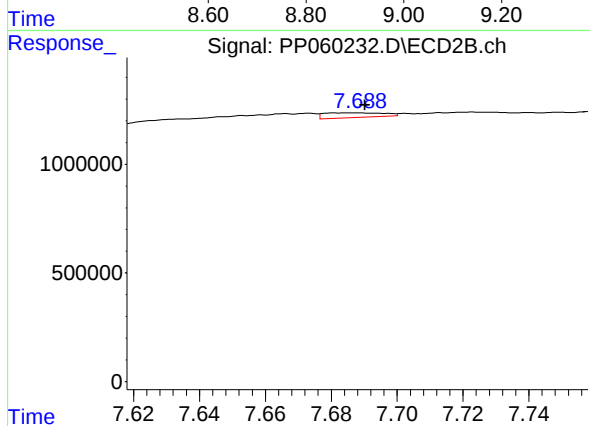
#40 AR-1262-5

R.T.: 8.214 min
Delta R.T.: 0.024 min
Response: 118210
Conc: 1.58 ng/ml



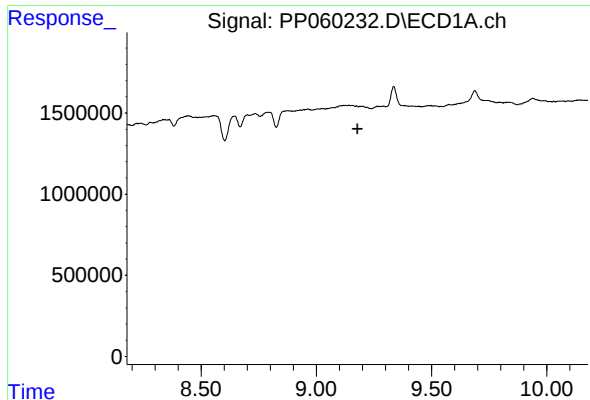
#42 AR-1268-2

R.T.: 8.964 min
Delta R.T.: 0.028 min
Response: 3970953
Conc: 17.30 ng/ml



#42 AR-1268-2

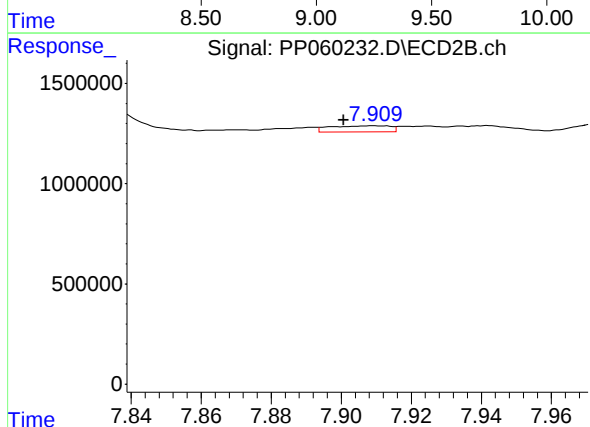
R.T.: 7.689 min
Delta R.T.: -0.002 min
Response: 270148
Conc: 1.17 ng/ml



#43 AR-1268-3

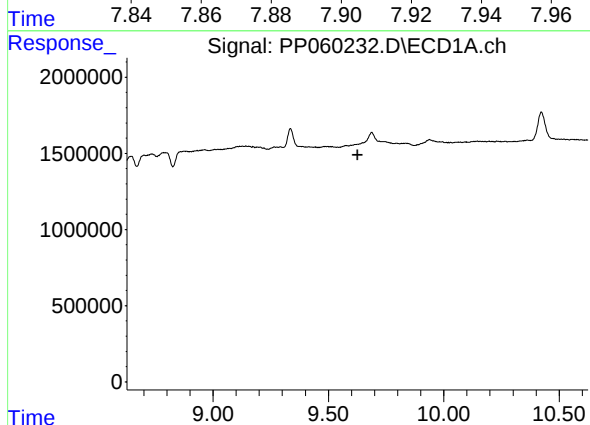
R.T.: 0.000 min
Exp R.T.: 9.178 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



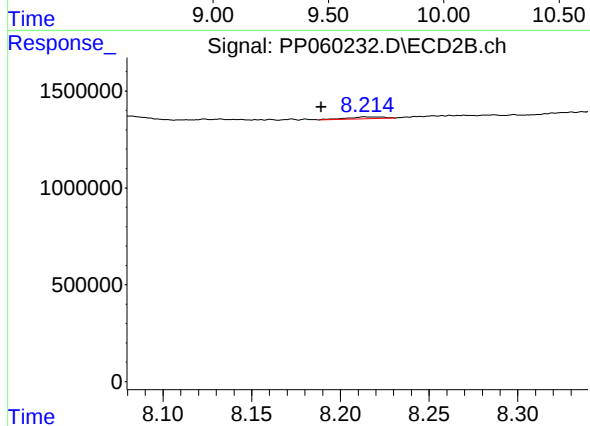
#43 AR-1268-3

R.T.: 7.909 min
Delta R.T.: 0.009 min
Response: 366195
Conc: 1.79 ng/ml



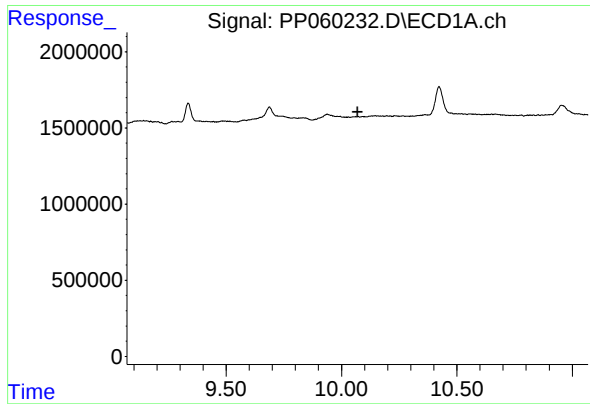
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.627 min
Response: 0
Conc: N.D.



#44 AR-1268-4

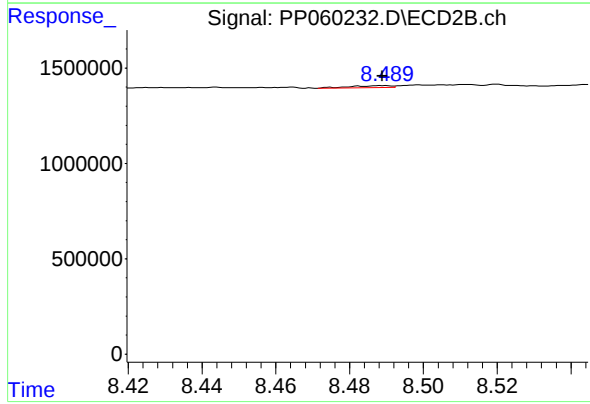
R.T.: 8.214 min
Delta R.T.: 0.025 min
Response: 118210
Conc: 1.46 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.069 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.489 min
Delta R.T.: 0.000 min
Response: 79442
Conc: 0.13 ng/ml