

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101023\
 Data File : PP060867.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Oct 2023 21:45
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 02:33:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 27 11:30:16 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...	4.534	3.684	48942863	34481915	21.854	23.165
2)	SA Decachlor...	10.468	8.750	38954785	31911783	22.064	19.563
Target Compounds							
3)	L1 AR-1016-1	0.000	4.788	0	22559	N.D.	0.388 #
4)	L1 AR-1016-2	0.000	4.800	0	20803	N.D.	0.258 #
5)	L1 AR-1016-3	0.000	4.984	0	37641	N.D.	0.842 #
6)	L1 AR-1016-4	0.000	5.029	0	46802	N.D.	1.301 #
7)	L1 AR-1016-5	0.000	5.236	0	40554	N.D.	0.835 #
8)	L2 AR-1221-1	0.000	3.918	0	125611	N.D.	6.013 #
9)	L2 AR-1221-2	4.845	3.989	995820	619190	46.610	41.526
10)	L2 AR-1221-3	0.000	4.063	0	20348	N.D.	0.463 #
11)	L3 AR-1232-1	0.000	4.063	0	20348	N.D.	0.559 #
12)	L3 AR-1232-2	0.000	4.800	0	20803	N.D.	0.570 #
13)	L3 AR-1232-3	0.000	4.984	0	37641	N.D.	1.881 #
14)	L3 AR-1232-4	0.000	5.068	0	19441	N.D.	1.042 #
15)	L3 AR-1232-5	0.000	5.242	0	32285	N.D.	1.552 #
16)	L4 AR-1242-1	0.000	4.788	0	22559	N.D.	0.446 #
17)	L4 AR-1242-2	0.000	4.800	0	20803	N.D.	0.300 #
18)	L4 AR-1242-3	0.000	4.984	0	37641	N.D.	0.977 #
19)	L4 AR-1242-4	0.000	5.068	0	19441	N.D.	0.494 #
20)	L4 AR-1242-5	0.000	5.589	0	33888	N.D.	0.693 #
21)	L5 AR-1248-1	0.000	4.788	0	22559	N.D.	0.618 #
22)	L5 AR-1248-2	0.000	5.029	0	46802	N.D.	0.895 #
23)	L5 AR-1248-3	0.000	5.068	0	19441	N.D.	0.350 #
24)	L5 AR-1248-4	6.588f	5.236	290238	40554	3.509	0.616 #
25)	L5 AR-1248-5	0.000	5.615f	0	195790	N.D.	3.044 #
26)	L6 AR-1254-1	6.588	5.589	290238	33888	3.401	0.343 #
27)	L6 AR-1254-2	0.000	5.739	0	57155	N.D.	0.665 #
28)	L6 AR-1254-3	7.181	6.149	1448502	67854	10.898	0.473 #
29)	L6 AR-1254-4	0.000	6.382	0	18955	N.D.	0.217 #
30)	L6 AR-1254-5	7.883	6.788	1900221	10673	17.539	0.084 #
31)	L7 AR-1260-1	7.359	6.281	876516	37627	8.362	0.375 #
32)	L7 AR-1260-2	7.583f	6.480	87587	6729	0.724	0.056 #
33)	L7 AR-1260-3	7.988f	6.629	1059708	20993	11.433	0.183 #
34)	L7 AR-1260-4	8.200	7.102	702681	10176	6.626	0.107 #
35)	L7 AR-1260-5	0.000	7.345	0	71489	N.D.	0.330 #
36)	L8 AR-1262-1	7.988f	6.886	1059708	14806	8.496	0.276 #
37)	L8 AR-1262-2	0.000	7.102	0	10176	N.D.	0.086 #
38)	L8 AR-1262-3	0.000	7.625	0	20923	N.D.	0.227 #
39)	L8 AR-1262-4	0.000	7.692	0	6271	N.D.	0.037 #
40)	L8 AR-1262-5	0.000	8.200	0	15382	N.D.	0.199 #
41)	L9 AR-1268-1	0.000	7.625	0	20923	N.D.	0.077 #

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Quant Time: Oct 11 02:33:05 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 27 11:30:16 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	0.000	7.692	0	6271	N.D.	0.026 #
43)	L9 AR-1268-3	0.000	7.901	0	126098	N.D.	0.590 #
44)	L9 AR-1268-4	0.000	8.200	0	15382	N.D.	0.175 #
45)	L9 AR-1268-5	0.000	8.487	0	179947	N.D.	0.288 #

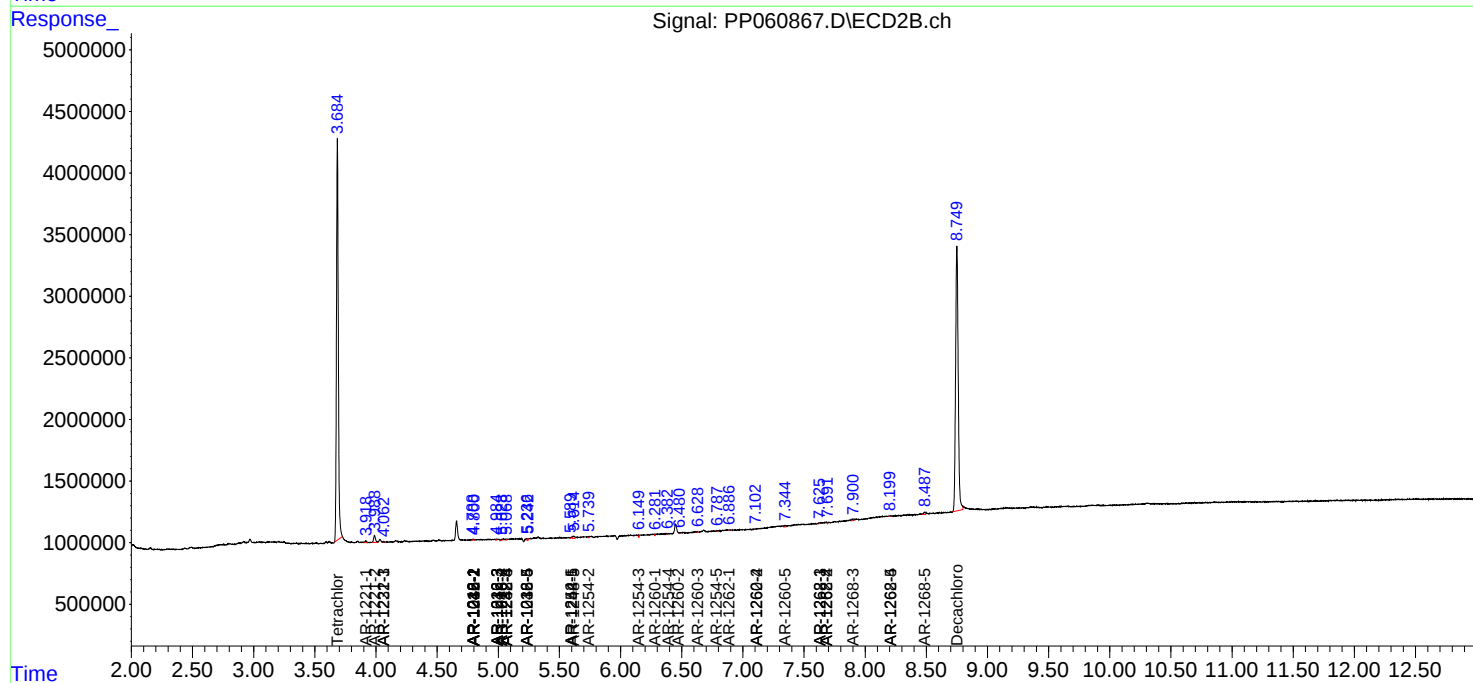
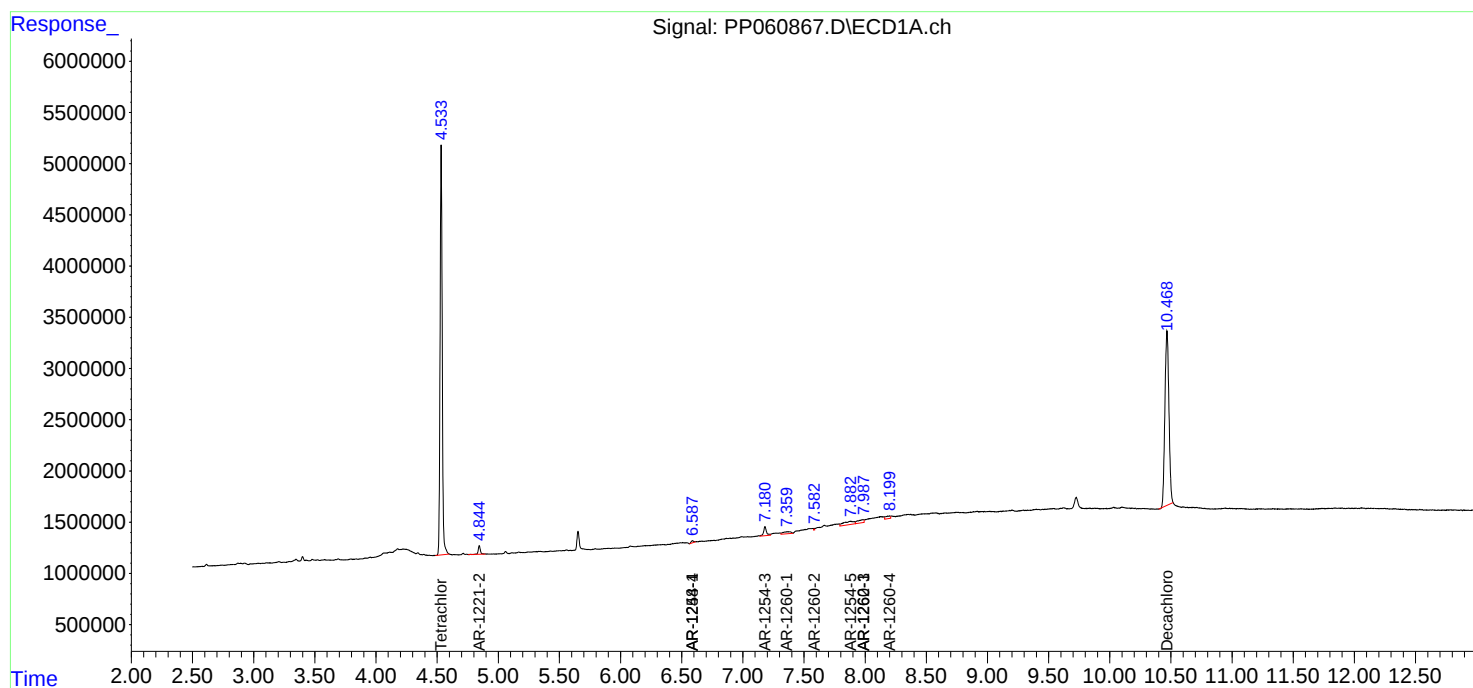
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

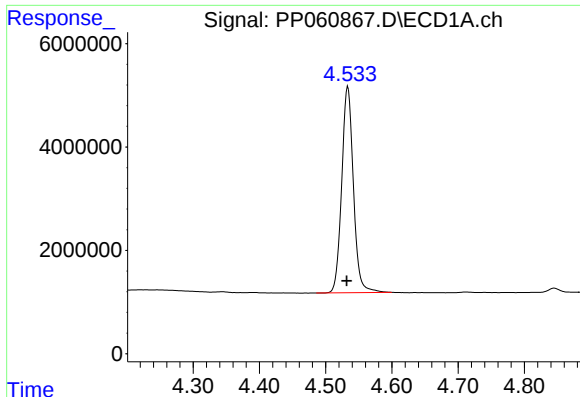
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

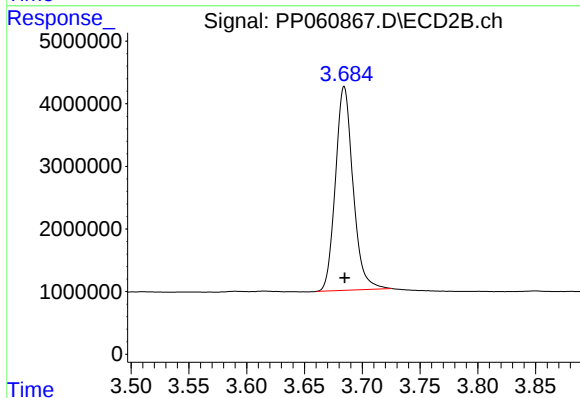




#1 Tetrachloro-m-xylene

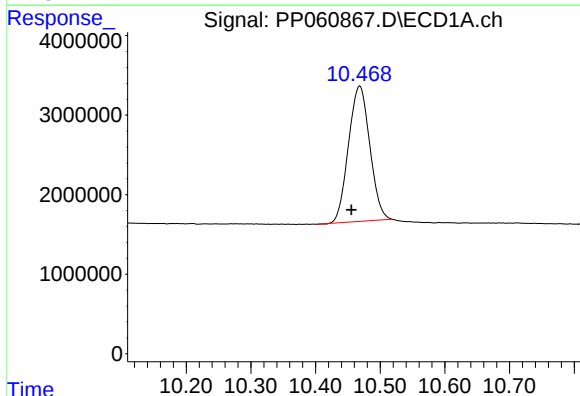
R.T.: 4.534 min
Delta R.T.: 0.002 min
Response: 48942863
Conc: 21.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



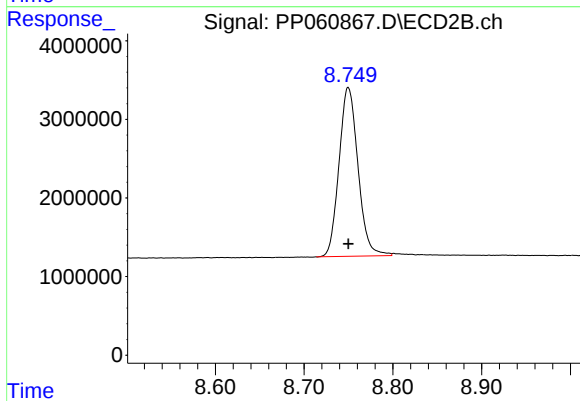
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 34481915
Conc: 23.17 ng/ml



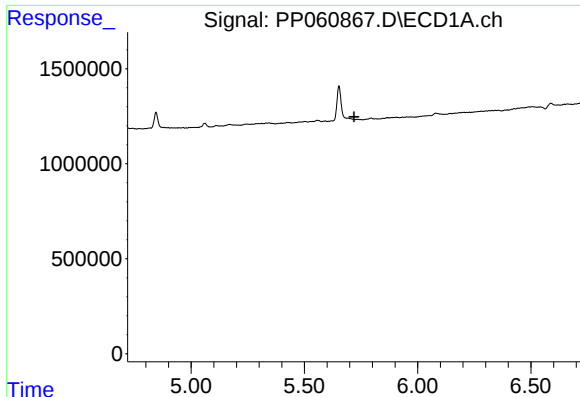
#2 Decachlorobiphenyl

R.T.: 10.468 min
Delta R.T.: 0.013 min
Response: 38954785
Conc: 22.06 ng/ml



#2 Decachlorobiphenyl

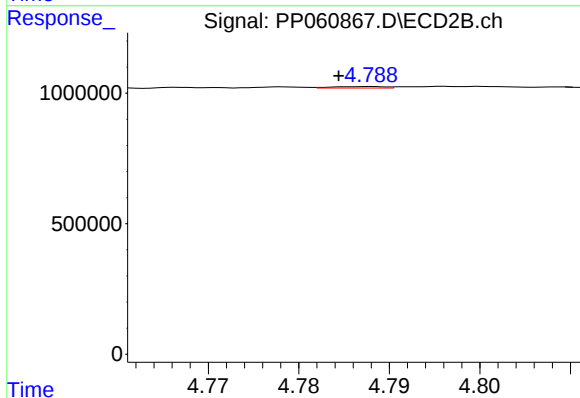
R.T.: 8.750 min
Delta R.T.: 0.000 min
Response: 31911783
Conc: 19.56 ng/ml



#3 AR-1016-1

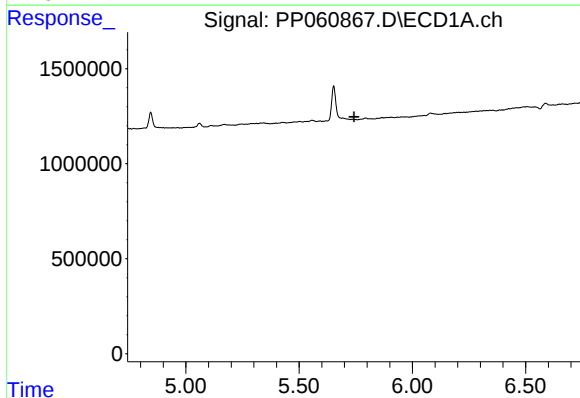
R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



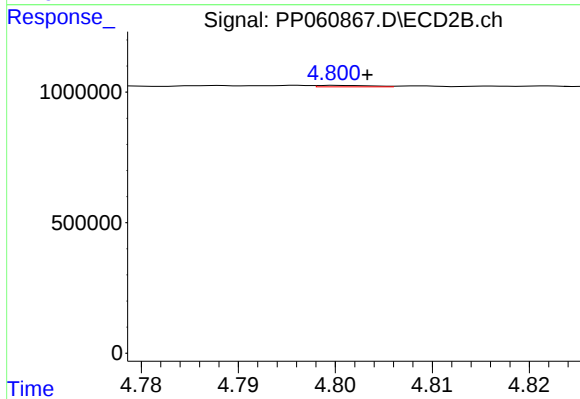
#3 AR-1016-1

R.T.: 4.788 min
Delta R.T.: 0.004 min
Response: 22559
Conc: 0.39 ng/ml



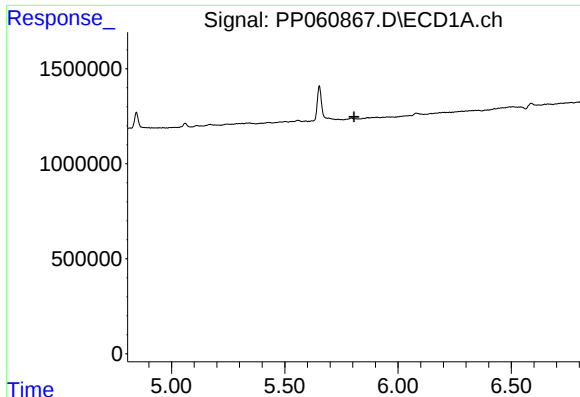
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.742 min
Response: 0
Conc: N.D.



#4 AR-1016-2

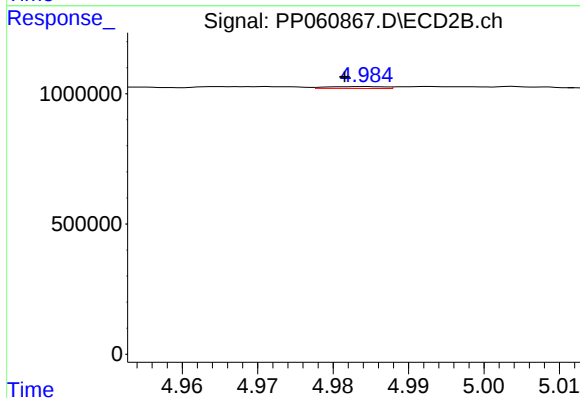
R.T.: 4.800 min
Delta R.T.: -0.003 min
Response: 20803
Conc: 0.26 ng/ml



#5 AR-1016-3

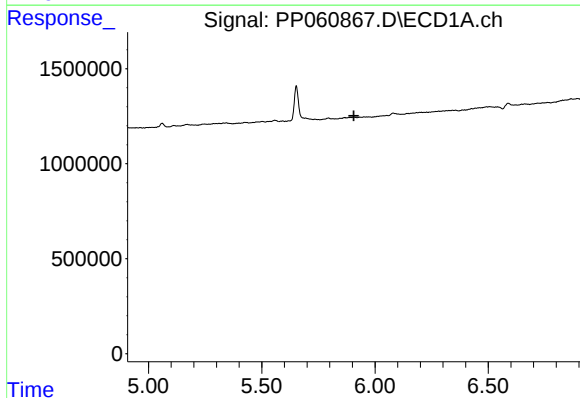
R.T.: 0.000 min
Exp R.T.: 5.806 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



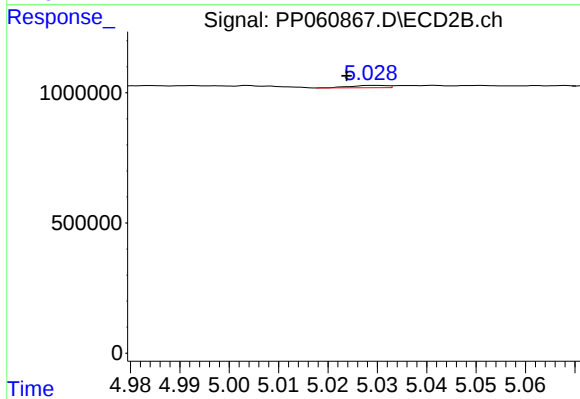
#5 AR-1016-3

R.T.: 4.984 min
Delta R.T.: 0.003 min
Response: 37641
Conc: 0.84 ng/ml



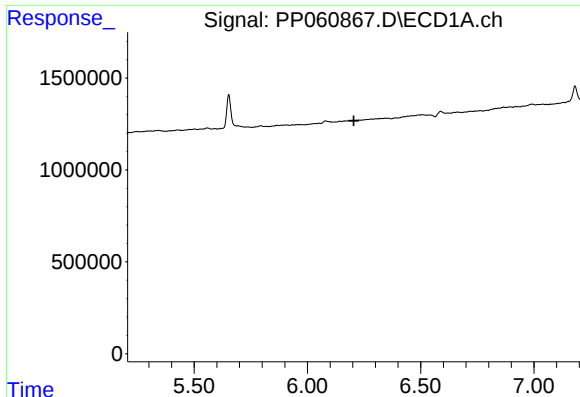
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.906 min
Response: 0
Conc: N.D.



#6 AR-1016-4

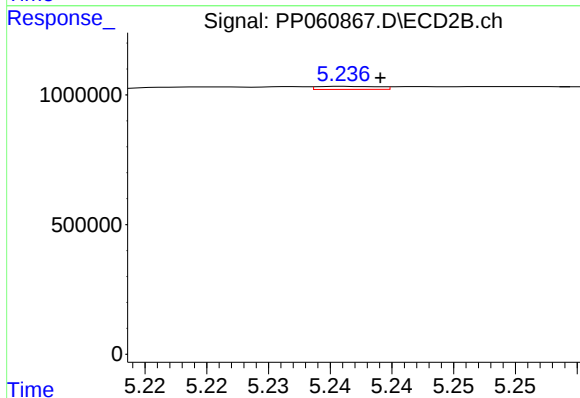
R.T.: 5.029 min
Delta R.T.: 0.005 min
Response: 46802
Conc: 1.30 ng/ml



#7 AR-1016-5

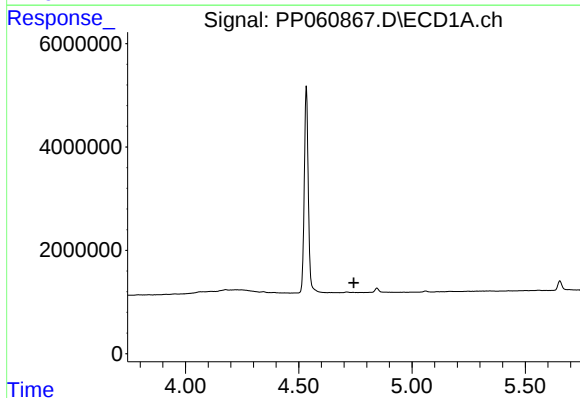
R.T.: 0.000 min
Exp R.T.: 6.205 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



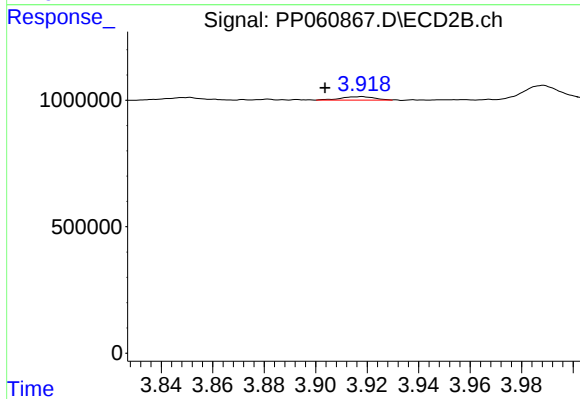
#7 AR-1016-5

R.T.: 5.236 min
Delta R.T.: -0.003 min
Response: 40554
Conc: 0.83 ng/ml



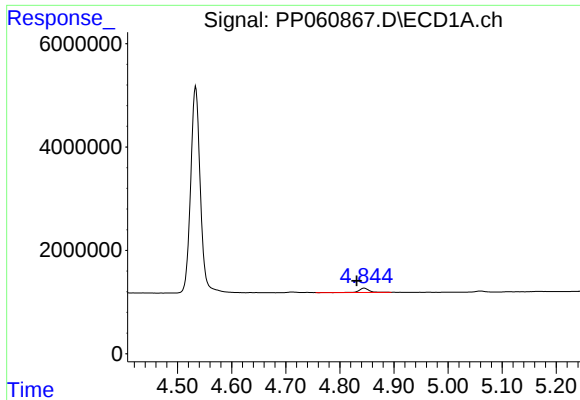
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.743 min
Response: 0
Conc: N.D.



#8 AR-1221-1

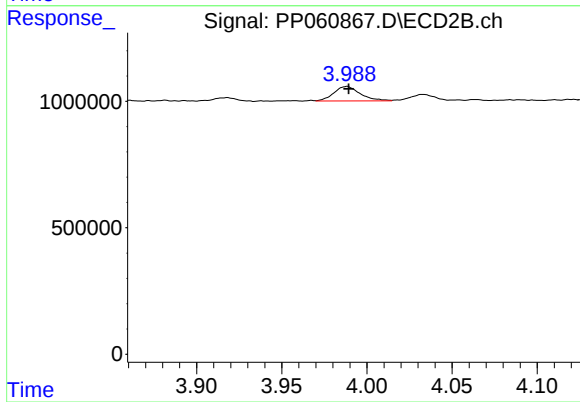
R.T.: 3.918 min
Delta R.T.: 0.014 min
Response: 125611
Conc: 6.01 ng/ml



#9 AR-1221-2

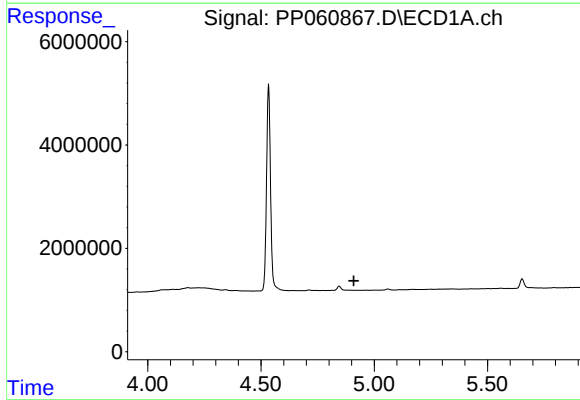
R.T.: 4.845 min
Delta R.T.: 0.014 min
Response: 995820
Conc: 46.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



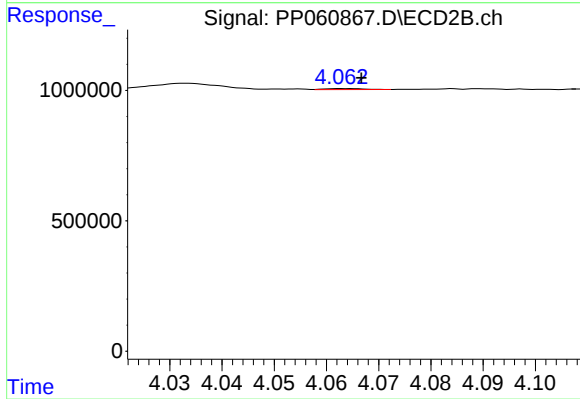
#9 AR-1221-2

R.T.: 3.989 min
Delta R.T.: 0.000 min
Response: 619190
Conc: 41.53 ng/ml



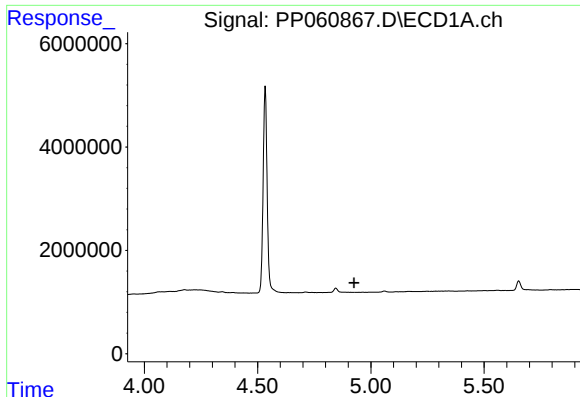
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.909 min
Response: 0
Conc: N.D.



#10 AR-1221-3

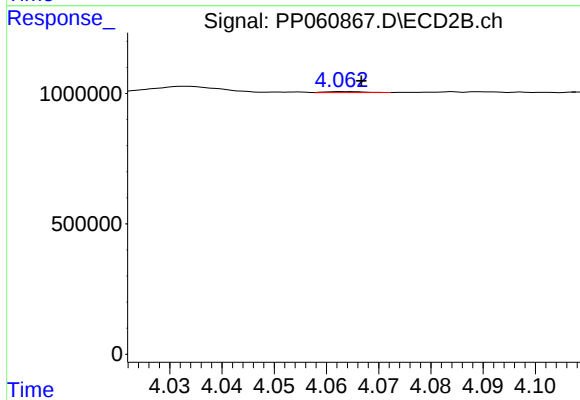
R.T.: 4.063 min
Delta R.T.: -0.004 min
Response: 20348
Conc: 0.46 ng/ml



#11 AR-1232-1

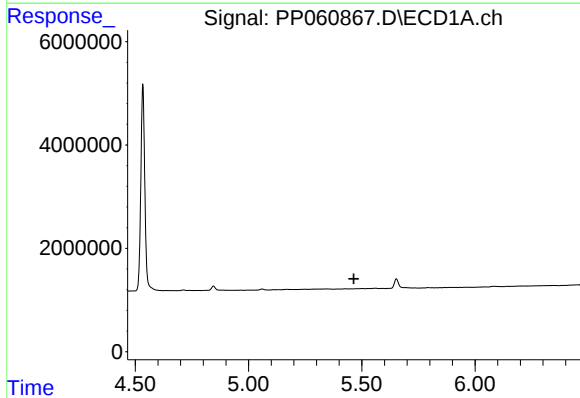
R.T.: 0.000 min
Exp R.T. : 4.926 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



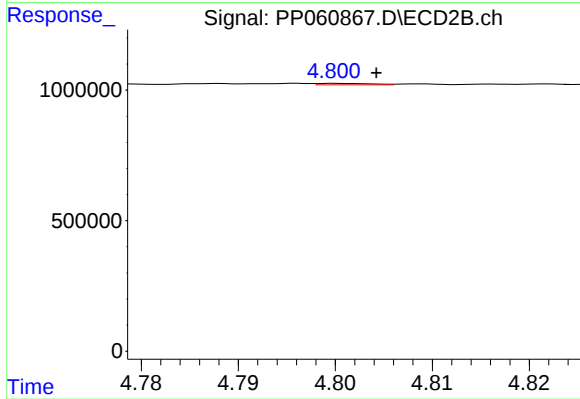
#11 AR-1232-1

R.T.: 4.063 min
Delta R.T.: -0.004 min
Response: 20348
Conc: 0.56 ng/ml



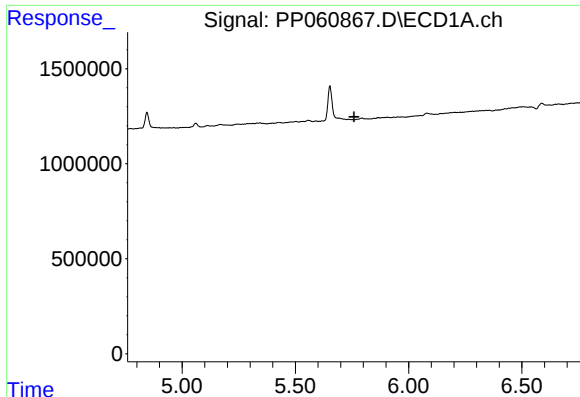
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.464 min
Response: 0
Conc: N.D.



#12 AR-1232-2

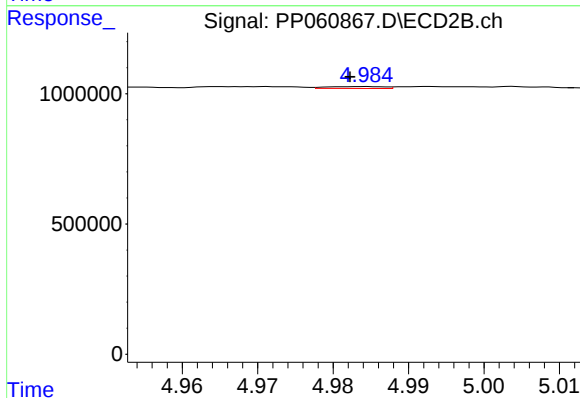
R.T.: 4.800 min
Delta R.T.: -0.004 min
Response: 20803
Conc: 0.57 ng/ml



#13 AR-1232-3

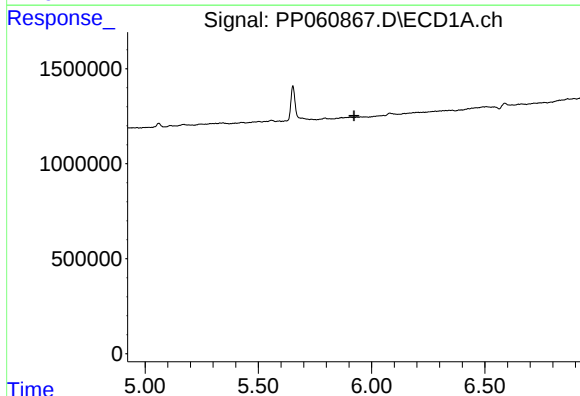
R.T.: 0.000 min
Exp R.T.: 5.759 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



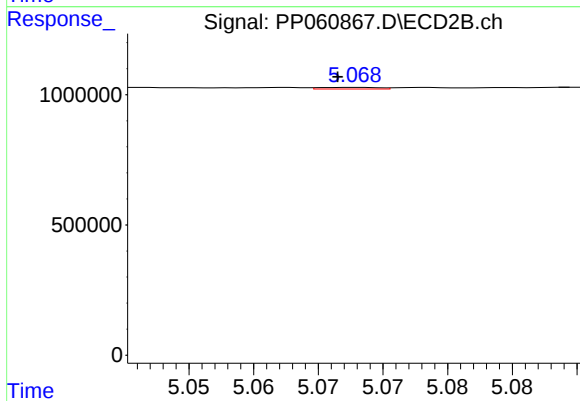
#13 AR-1232-3

R.T.: 4.984 min
Delta R.T.: 0.002 min
Response: 37641
Conc: 1.88 ng/ml



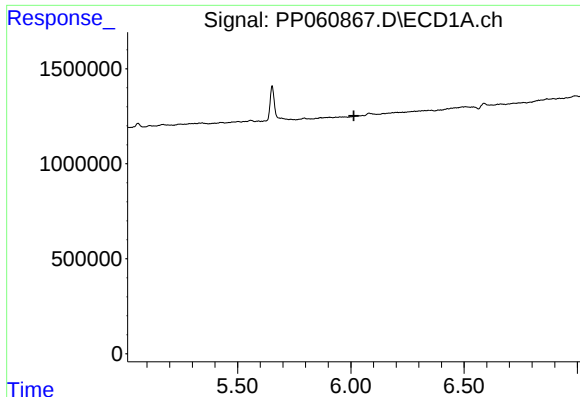
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.922 min
Response: 0
Conc: N.D.



#14 AR-1232-4

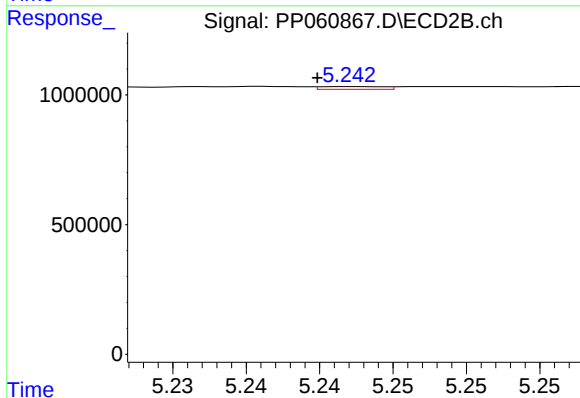
R.T.: 5.068 min
Delta R.T.: 0.001 min
Response: 19441
Conc: 1.04 ng/ml



#15 AR-1232-5

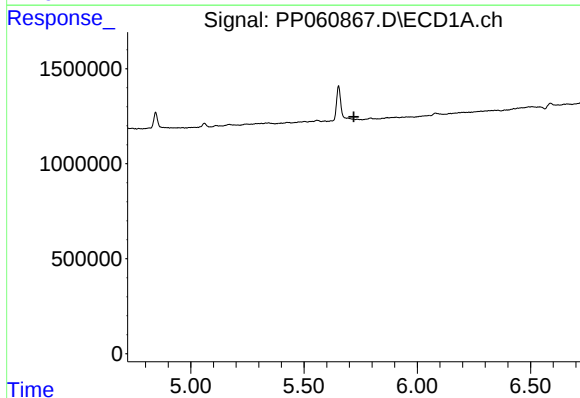
R.T.: 0.000 min
Exp R.T.: 6.014 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



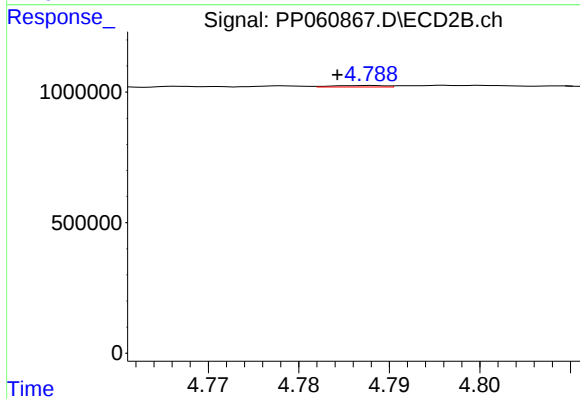
#15 AR-1232-5

R.T.: 5.242 min
Delta R.T.: 0.002 min
Response: 32285
Conc: 1.55 ng/ml



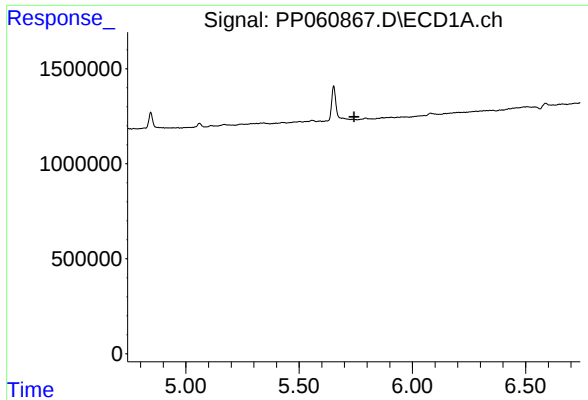
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.



#16 AR-1242-1

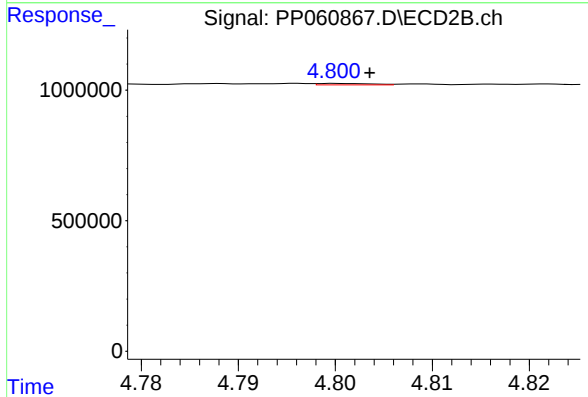
R.T.: 4.788 min
Delta R.T.: 0.004 min
Response: 22559
Conc: 0.45 ng/ml



#17 AR-1242-2

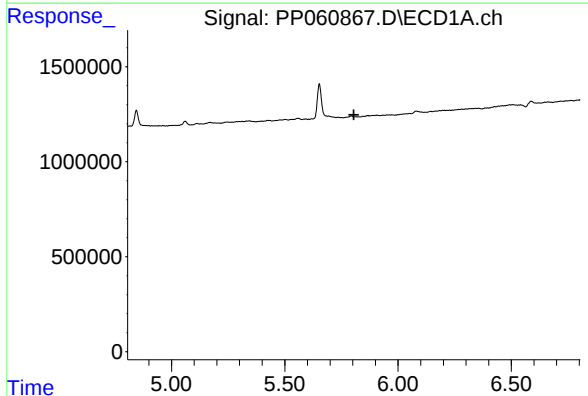
R.T.: 0.000 min
Exp R.T.: 5.742 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



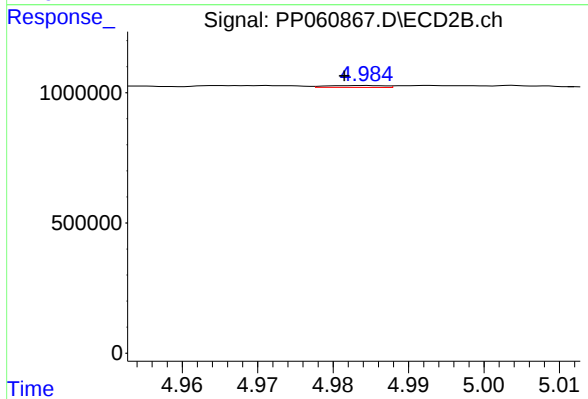
#17 AR-1242-2

R.T.: 4.800 min
Delta R.T.: -0.003 min
Response: 20803
Conc: 0.30 ng/ml



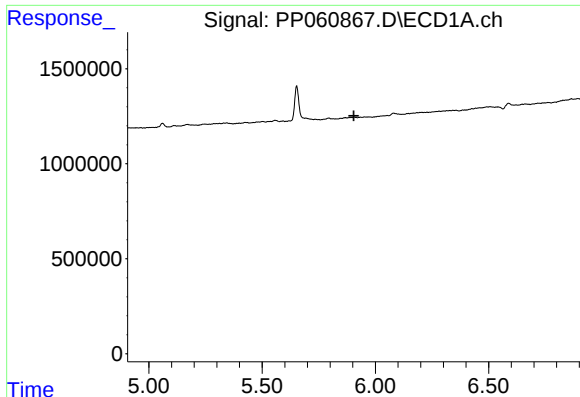
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.805 min
Response: 0
Conc: N.D.



#18 AR-1242-3

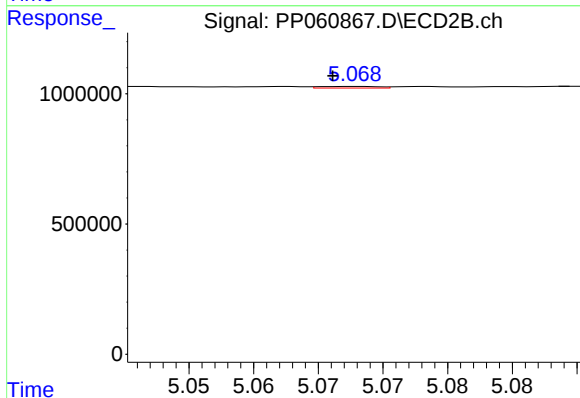
R.T.: 4.984 min
Delta R.T.: 0.003 min
Response: 37641
Conc: 0.98 ng/ml



#19 AR-1242-4

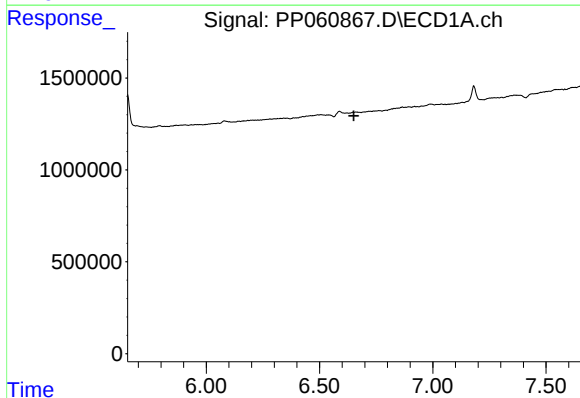
R.T.: 0.000 min
Exp R.T.: 5.905 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



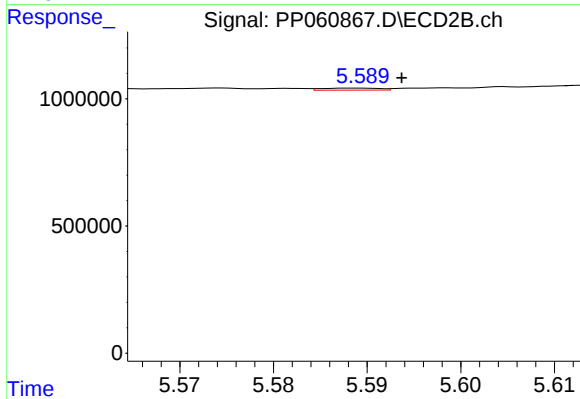
#19 AR-1242-4

R.T.: 5.068 min
Delta R.T.: 0.002 min
Response: 19441
Conc: 0.49 ng/ml



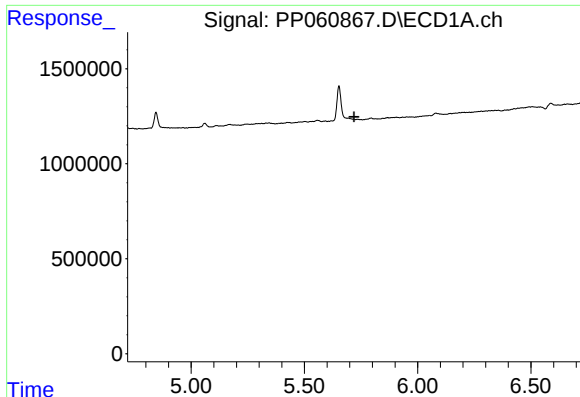
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.652 min
Response: 0
Conc: N.D.



#20 AR-1242-5

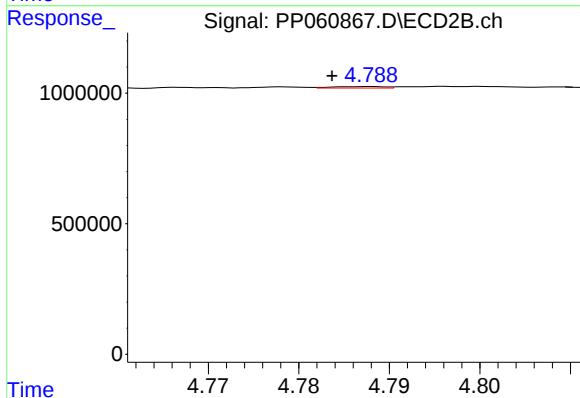
R.T.: 5.589 min
Delta R.T.: -0.005 min
Response: 33888
Conc: 0.69 ng/ml



#21 AR-1248-1

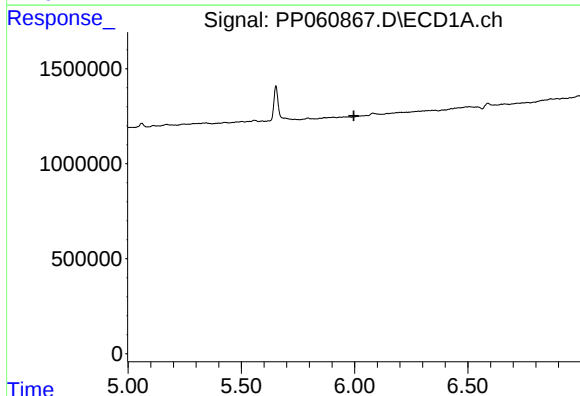
R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



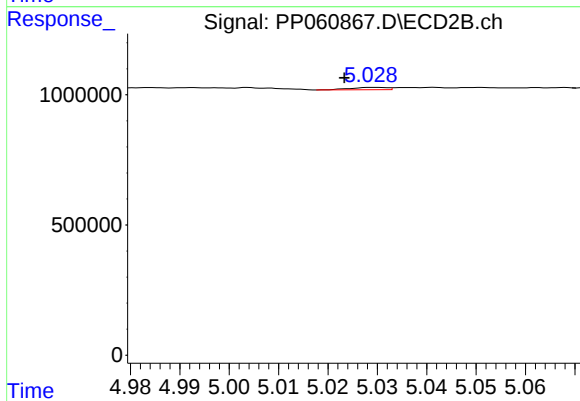
#21 AR-1248-1

R.T.: 4.788 min
Delta R.T.: 0.004 min
Response: 22559
Conc: 0.62 ng/ml



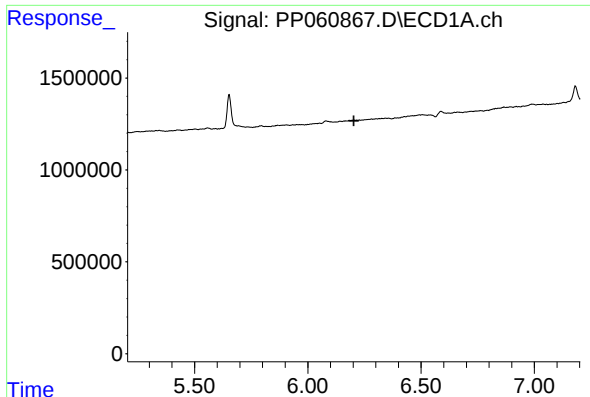
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 5.997 min
Response: 0
Conc: N.D.



#22 AR-1248-2

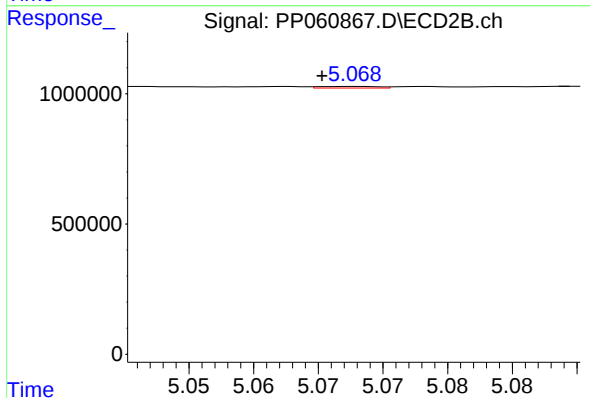
R.T.: 5.029 min
Delta R.T.: 0.006 min
Response: 46802
Conc: 0.90 ng/ml



#23 AR-1248-3

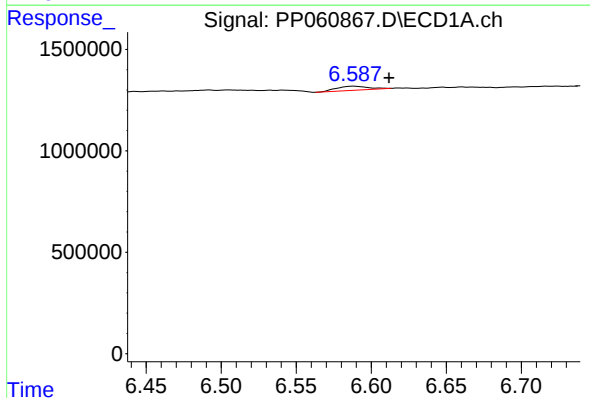
R.T.: 0.000 min
Exp R.T.: 6.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



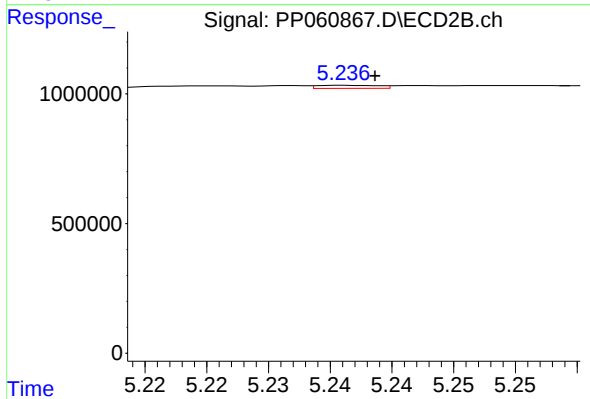
#23 AR-1248-3

R.T.: 5.068 min
Delta R.T.: 0.003 min
Response: 19441
Conc: 0.35 ng/ml



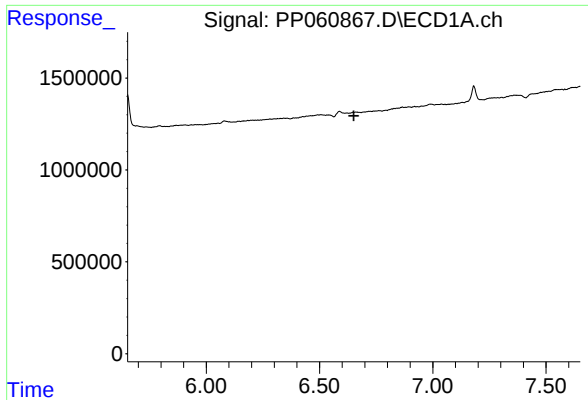
#24 AR-1248-4

R.T.: 6.588 min
Delta R.T.: -0.024 min
Response: 290238
Conc: 3.51 ng/ml



#24 AR-1248-4

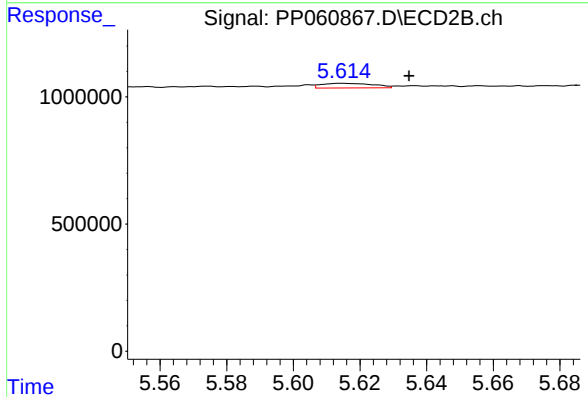
R.T.: 5.236 min
Delta R.T.: -0.002 min
Response: 40554
Conc: 0.62 ng/ml



#25 AR-1248-5

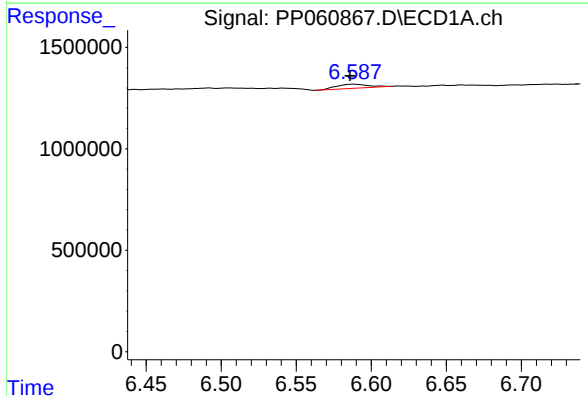
R.T.: 0.000 min
Exp R.T.: 6.651 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



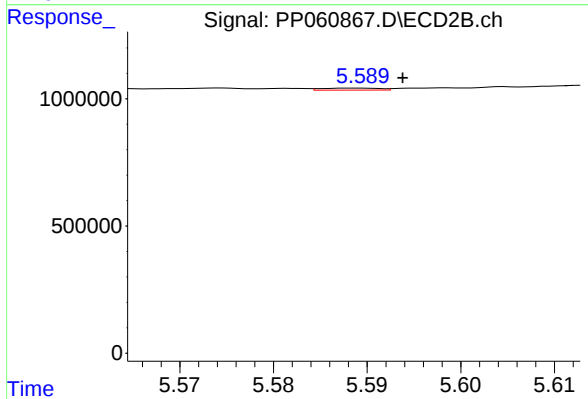
#25 AR-1248-5

R.T.: 5.615 min
Delta R.T.: -0.020 min
Response: 195790
Conc: 3.04 ng/ml



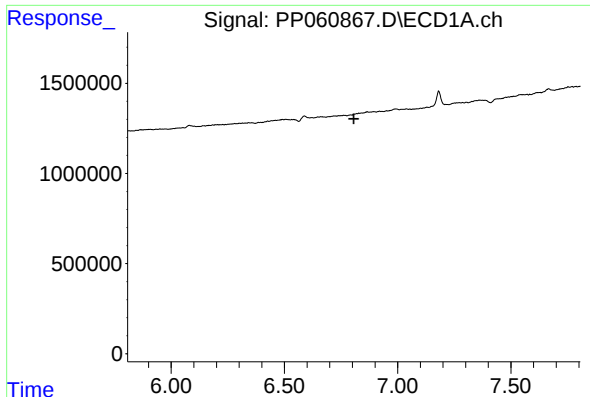
#26 AR-1254-1

R.T.: 6.588 min
Delta R.T.: 0.002 min
Response: 290238
Conc: 3.40 ng/ml



#26 AR-1254-1

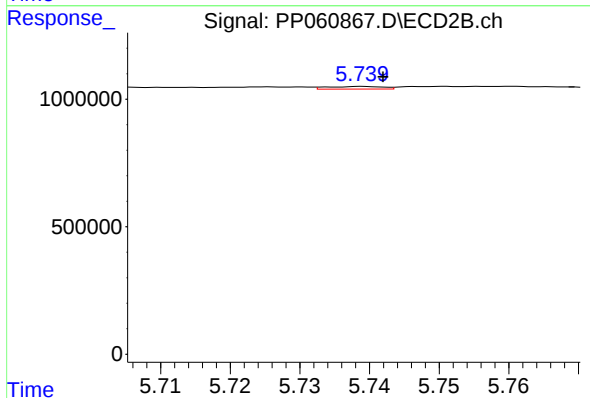
R.T.: 5.589 min
Delta R.T.: -0.005 min
Response: 33888
Conc: 0.34 ng/ml



#27 AR-1254-2

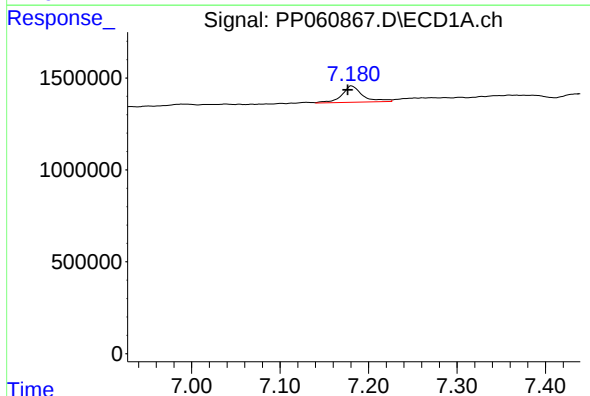
R.T.: 0.000 min
Exp R.T.: 6.806 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



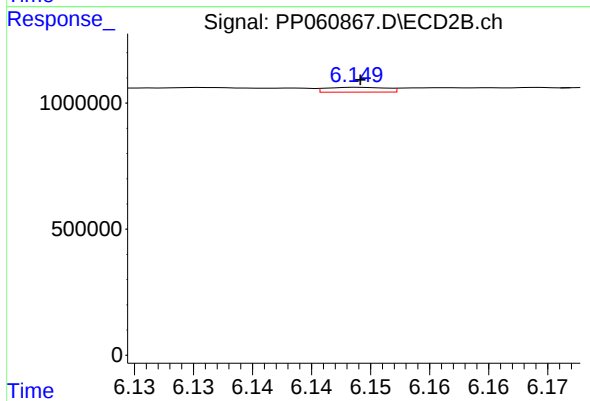
#27 AR-1254-2

R.T.: 5.739 min
Delta R.T.: -0.003 min
Response: 57155
Conc: 0.67 ng/ml



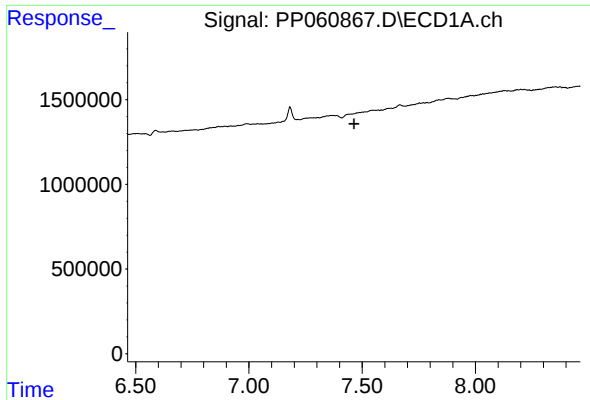
#28 AR-1254-3

R.T.: 7.181 min
Delta R.T.: 0.005 min
Response: 1448502
Conc: 10.90 ng/ml



#28 AR-1254-3

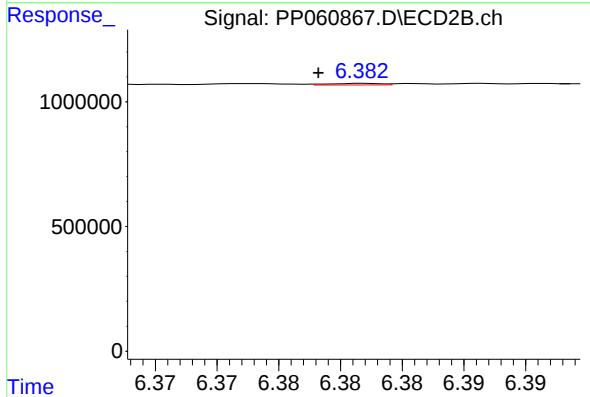
R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 67854
Conc: 0.47 ng/ml



#29 AR-1254-4

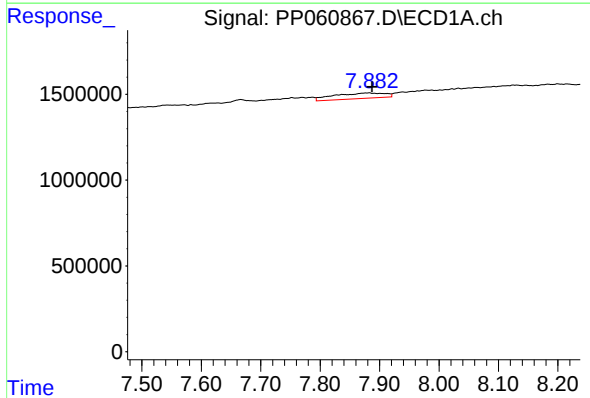
R.T.: 0.000 min
Exp R.T.: 7.464 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



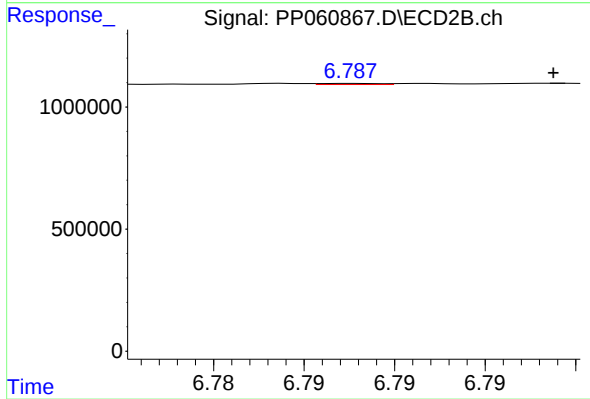
#29 AR-1254-4

R.T.: 6.382 min
Delta R.T.: 0.004 min
Response: 18955
Conc: 0.22 ng/ml



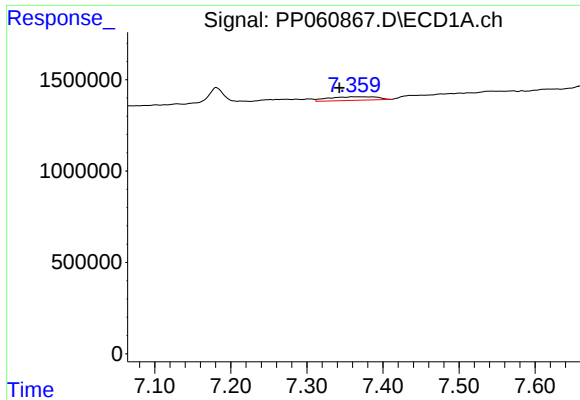
#30 AR-1254-5

R.T.: 7.883 min
Delta R.T.: -0.004 min
Response: 1900221
Conc: 17.54 ng/ml



#30 AR-1254-5

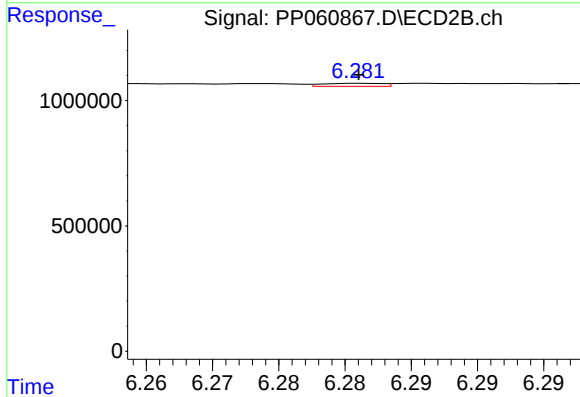
R.T.: 6.788 min
Delta R.T.: -0.011 min
Response: 10673
Conc: 0.08 ng/ml



#31 AR-1260-1

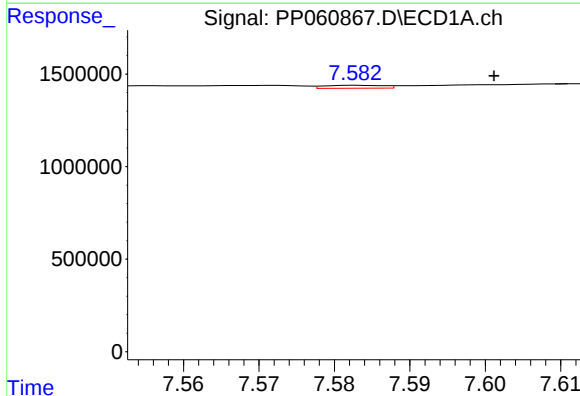
R.T.: 7.359 min
Delta R.T.: 0.016 min
Response: 876516
Conc: 8.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



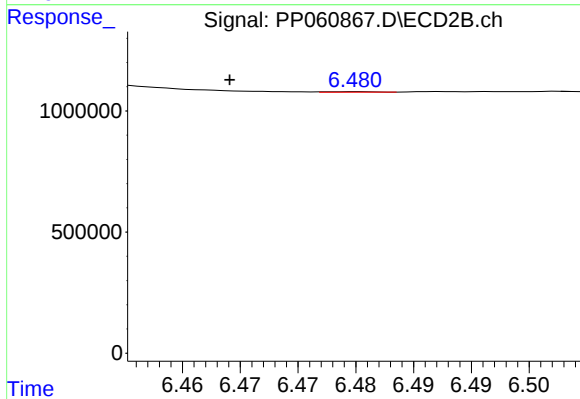
#31 AR-1260-1

R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 37627
Conc: 0.37 ng/ml



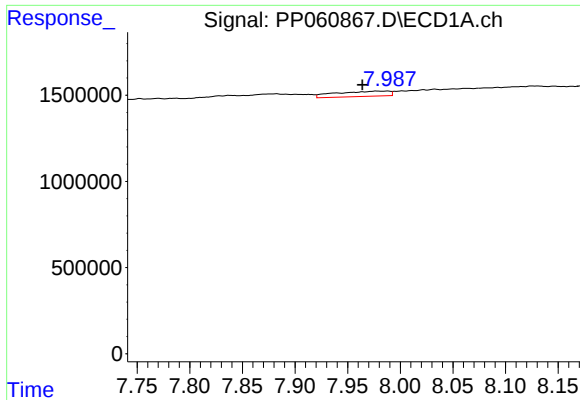
#32 AR-1260-2

R.T.: 7.583 min
Delta R.T.: -0.018 min
Response: 87587
Conc: 0.72 ng/ml



#32 AR-1260-2

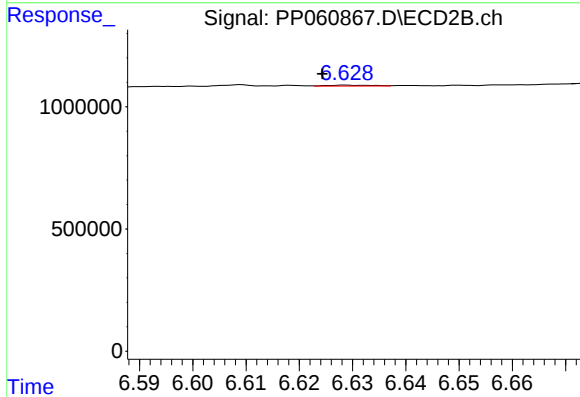
R.T.: 6.480 min
Delta R.T.: 0.011 min
Response: 6729
Conc: 0.06 ng/ml



#33 AR-1260-3

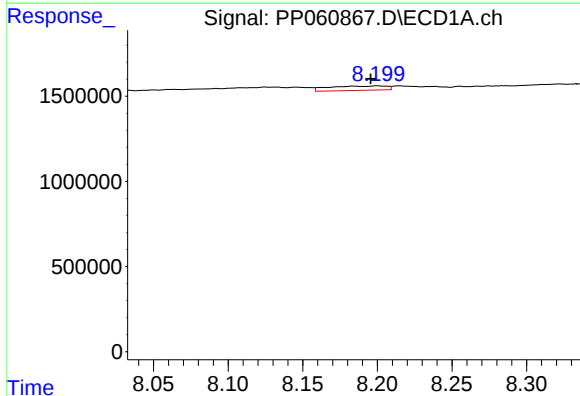
R.T.: 7.988 min
Delta R.T.: 0.024 min
Response: 1059708
Conc: 11.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



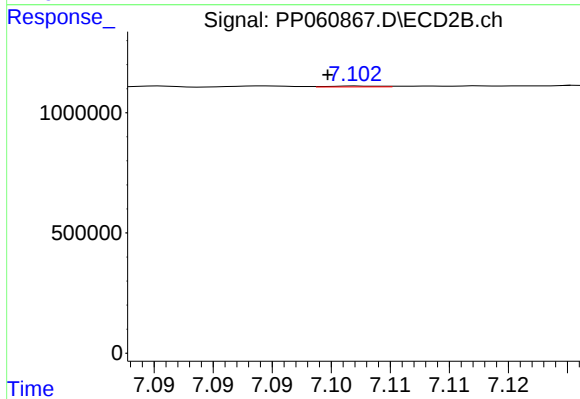
#33 AR-1260-3

R.T.: 6.629 min
Delta R.T.: 0.004 min
Response: 20993
Conc: 0.18 ng/ml



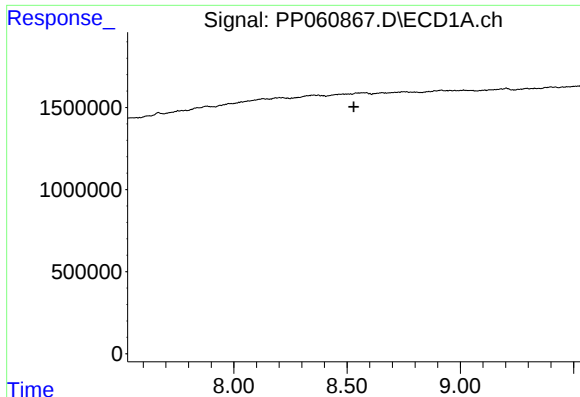
#34 AR-1260-4

R.T.: 8.200 min
Delta R.T.: 0.004 min
Response: 702681
Conc: 6.63 ng/ml



#34 AR-1260-4

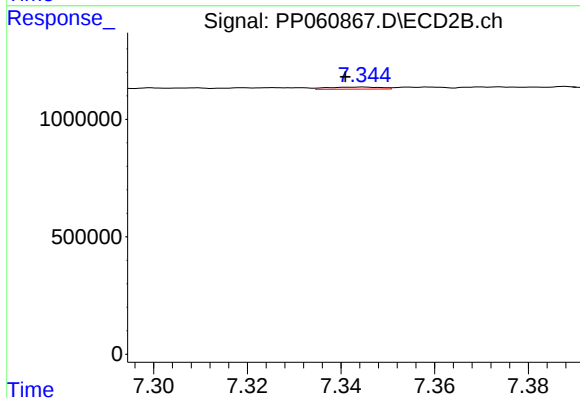
R.T.: 7.102 min
Delta R.T.: 0.002 min
Response: 10176
Conc: 0.11 ng/ml



#35 AR-1260-5

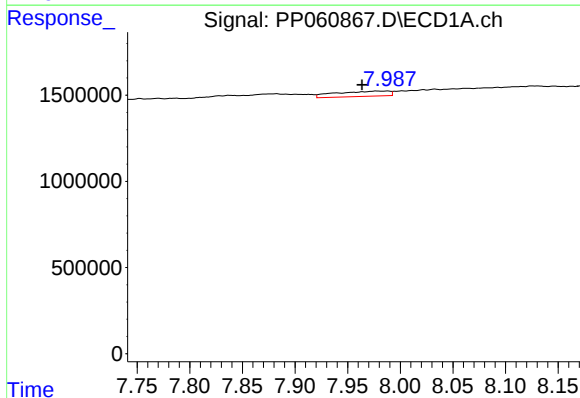
R.T.: 0.000 min
Exp R.T.: 8.530 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



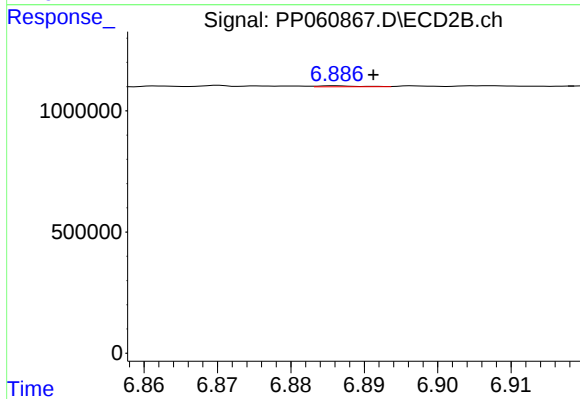
#35 AR-1260-5

R.T.: 7.345 min
Delta R.T.: 0.004 min
Response: 71489
Conc: 0.33 ng/ml



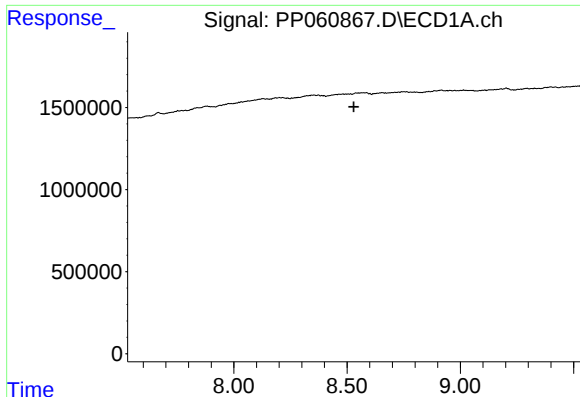
#36 AR-1262-1

R.T.: 7.988 min
Delta R.T.: 0.024 min
Response: 1059708
Conc: 8.50 ng/ml



#36 AR-1262-1

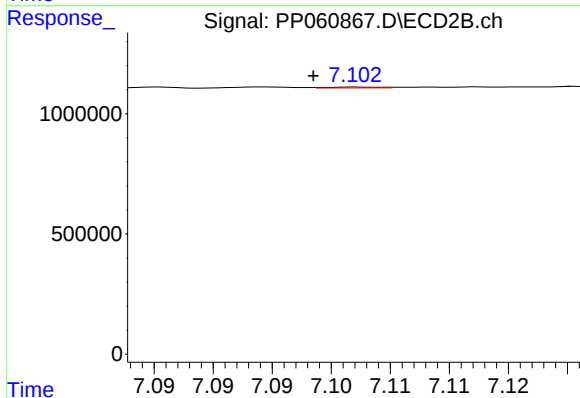
R.T.: 6.886 min
Delta R.T.: -0.005 min
Response: 14806
Conc: 0.28 ng/ml



#37 AR-1262-2

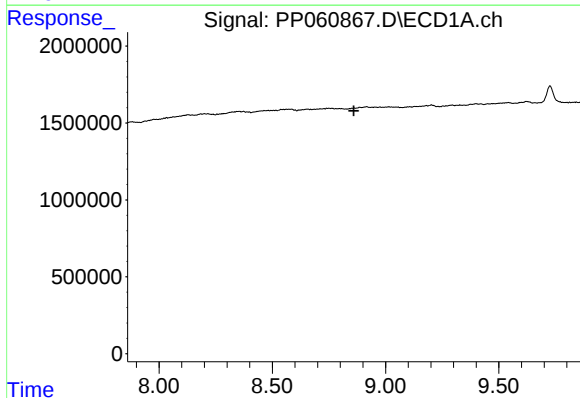
R.T.: 0.000 min
Exp R.T.: 8.529 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



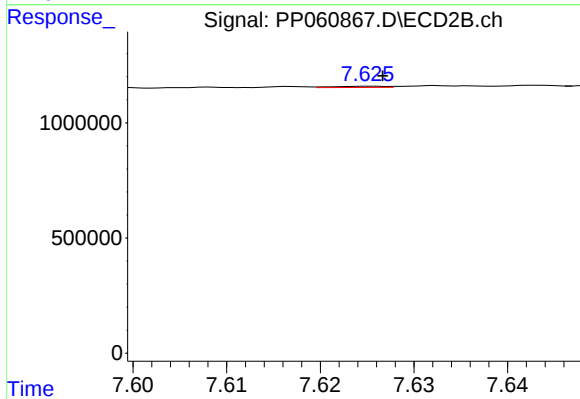
#37 AR-1262-2

R.T.: 7.102 min
Delta R.T.: 0.004 min
Response: 10176
Conc: 0.09 ng/ml



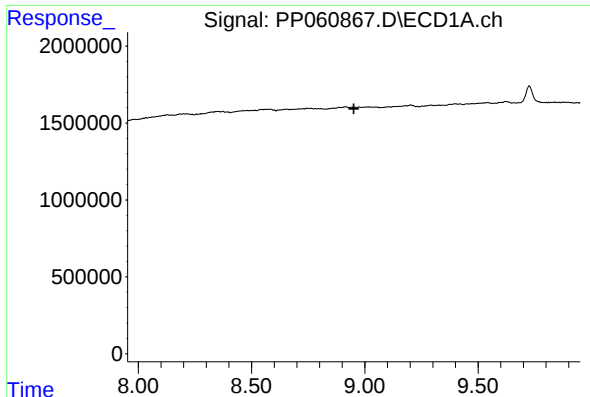
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.859 min
Response: 0
Conc: N.D.



#38 AR-1262-3

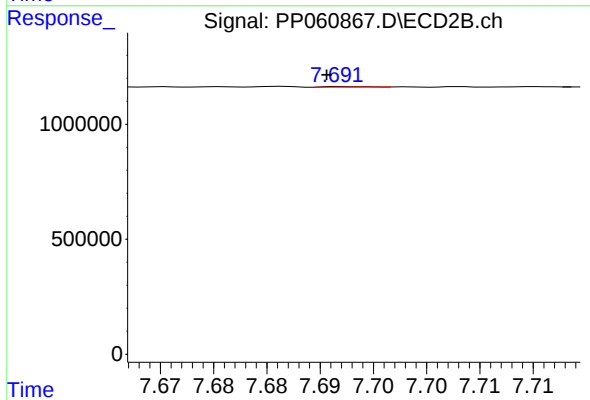
R.T.: 7.625 min
Delta R.T.: -0.001 min
Response: 20923
Conc: 0.23 ng/ml



#39 AR-1262-4

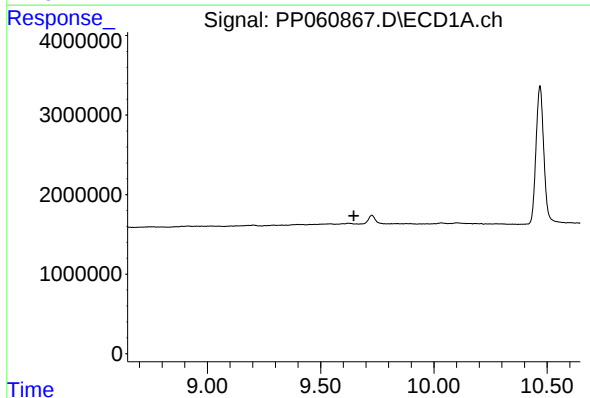
R.T.: 0.000 min
Exp R.T. : 8.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



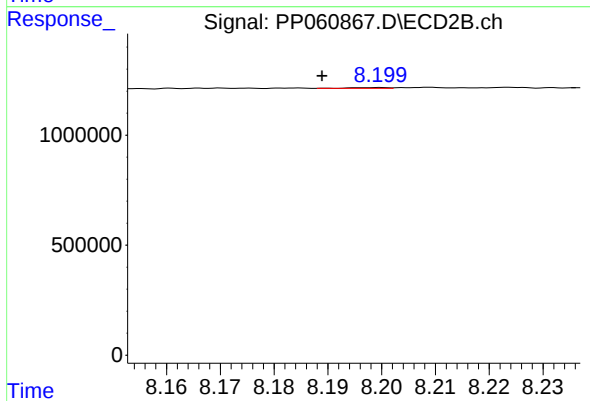
#39 AR-1262-4

R.T.: 7.692 min
Delta R.T.: 0.001 min
Response: 6271
Conc: 0.04 ng/ml



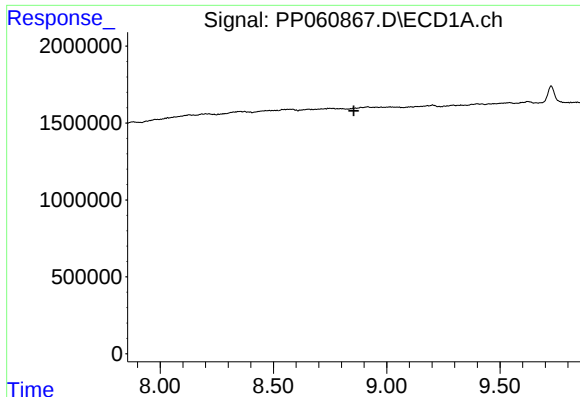
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.646 min
Response: 0
Conc: N.D.



#40 AR-1262-5

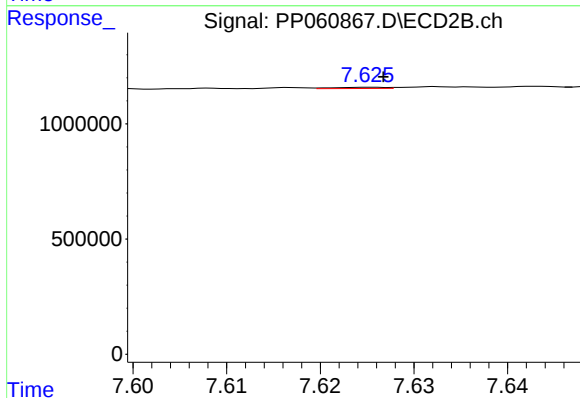
R.T.: 8.200 min
Delta R.T.: 0.011 min
Response: 15382
Conc: 0.20 ng/ml



#41 AR-1268-1

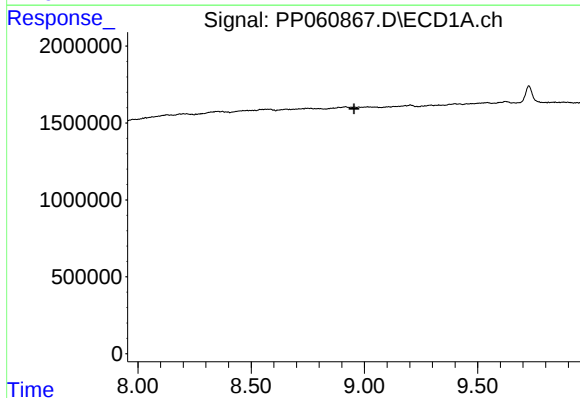
R.T.: 0.000 min
Exp R.T.: 8.855 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



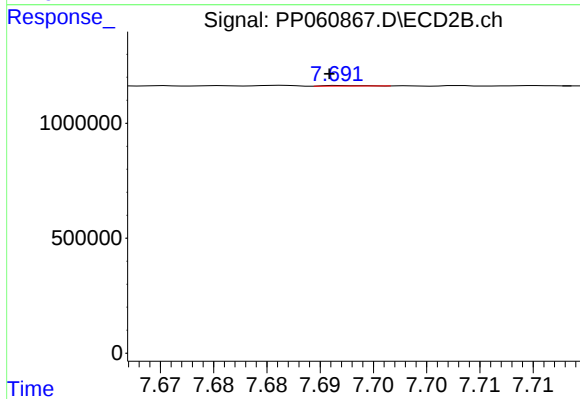
#41 AR-1268-1

R.T.: 7.625 min
Delta R.T.: -0.001 min
Response: 20923
Conc: 0.08 ng/ml



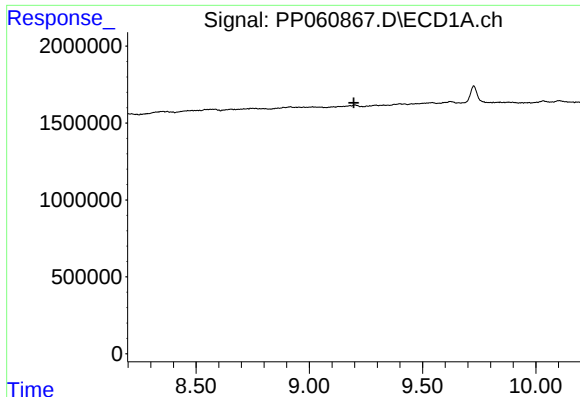
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.954 min
Response: 0
Conc: N.D.



#42 AR-1268-2

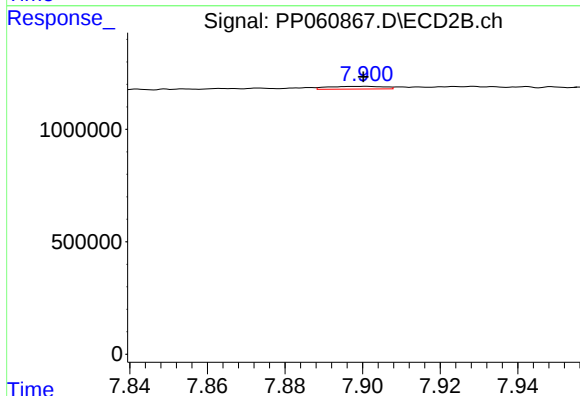
R.T.: 7.692 min
Delta R.T.: 0.000 min
Response: 6271
Conc: 0.03 ng/ml



#43 AR-1268-3

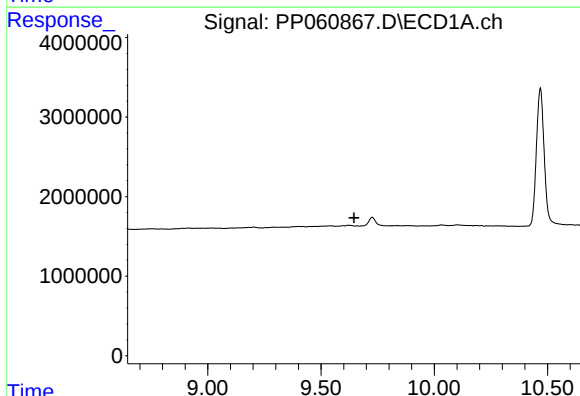
R.T.: 0.000 min
Exp R.T.: 9.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



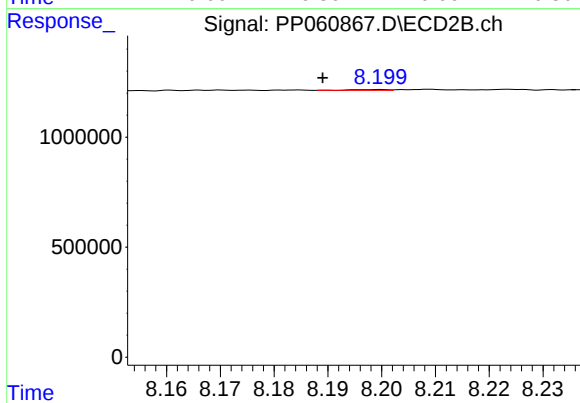
#43 AR-1268-3

R.T.: 7.901 min
Delta R.T.: 0.000 min
Response: 126098
Conc: 0.59 ng/ml



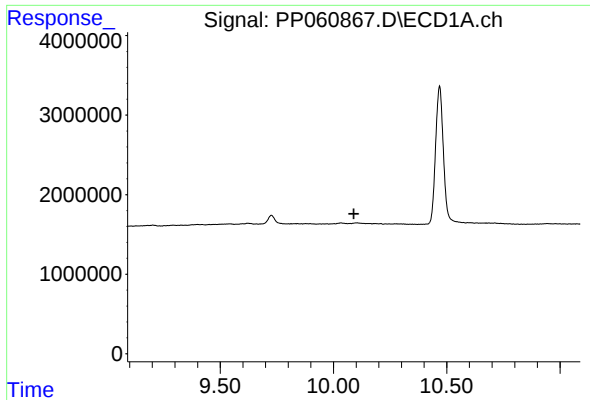
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.646 min
Response: 0
Conc: N.D.



#44 AR-1268-4

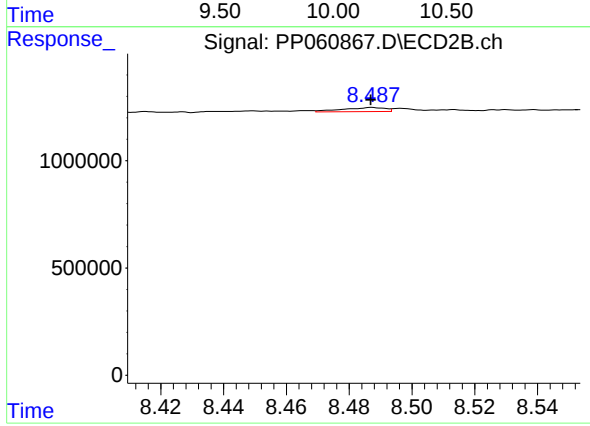
R.T.: 8.200 min
Delta R.T.: 0.011 min
Response: 15382
Conc: 0.18 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.090 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.487 min
Delta R.T.: 0.000 min
Response: 179947
Conc: 0.29 ng/ml