

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092923\
 Data File : PP060445.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2023 02:34
 Operator : YP\AJ
 Sample : 04671-09
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 03:28:21 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...	4.533	3.685	37316016	26302268	16.663	17.670
2) SA Decachlor...	10.458	8.748	27018757	22782161	15.303	13.967
Target Compounds						
3) L1 AR-1016-1	5.720	4.784	387386	131932	5.263	2.270 #
4) L1 AR-1016-2	5.742	4.799	306136	184924	2.923	2.297
5) L1 AR-1016-3	0.000	4.982	0	41399	N.D.	0.926 #
6) L1 AR-1016-4	0.000	5.021	0	49347	N.D.	1.371 #
7) L1 AR-1016-5	0.000	5.240	0	98923	N.D.	2.036 #
8) L2 AR-1221-1	4.742	3.911	563173	16450	19.496	0.787 #
9) L2 AR-1221-2	4.843	3.990	805289	232535	37.692	15.595 #
10) L2 AR-1221-3	0.000	4.064	0	27886	N.D.	0.635 #
11) L3 AR-1232-1	0.000	4.064	0	27886	N.D.	0.766 #
12) L3 AR-1232-2	0.000	4.799	0	184924	N.D.	5.071 #
13) L3 AR-1232-3	5.742f	4.982	306136	41399	6.595	2.068 #
14) L3 AR-1232-4	0.000	5.069	0	48413	N.D.	2.594 #
15) L3 AR-1232-5	0.000	5.240	0	98923	N.D.	4.756 #
16) L4 AR-1242-1	5.720	4.784	387386	131932	6.062	2.606 #
17) L4 AR-1242-2	5.742	4.799	306136	184924	3.381	2.663
18) L4 AR-1242-3	0.000	4.982	0	41399	N.D.	1.075 #
19) L4 AR-1242-4	0.000	5.069	0	48413	N.D.	1.229 #
20) L4 AR-1242-5	6.653	5.592	481035	282950	9.564	5.784 #
21) L5 AR-1248-1	5.720	4.784	387386	131932	8.327	3.615 #
22) L5 AR-1248-2	0.000	5.021	0	49347	N.D.	0.944 #
23) L5 AR-1248-3	0.000	5.069	0	48413	N.D.	0.872 #
24) L5 AR-1248-4	6.624	5.240	925118	98923	11.186	1.503 #
25) L5 AR-1248-5	6.653	5.633	481035	140882	5.977	2.190 #
26) L6 AR-1254-1	6.588	5.592	453460	282950	5.314	2.860 #
27) L6 AR-1254-2	0.000	5.739	0	37375	N.D.	0.435 #
28) L6 AR-1254-3	7.179	6.147	515771	144410	3.880	1.008 #
29) L6 AR-1254-4	0.000	6.376	0	85210	N.D.	0.978 #
30) L6 AR-1254-5	0.000	6.797	0	44127	N.D.	0.348 #
31) L7 AR-1260-1	0.000	6.281	0	22798	N.D.	0.227 #
32) L7 AR-1260-2	0.000	6.465	0	9825	N.D.	0.082 #
33) L7 AR-1260-3	0.000	6.626	0	9635	N.D.	0.084 #
34) L7 AR-1260-4	8.169f	7.120f	57323	717571	0.541	7.539 #
35) L7 AR-1260-5	0.000	7.345	0	432372	N.D.	1.995 #
36) L8 AR-1262-1	0.000	6.889	0	10767	N.D.	0.201 #
37) L8 AR-1262-2	0.000	7.120f	0	717571	N.D.	6.084 #
38) L8 AR-1262-3	0.000	7.623	0	161688	N.D.	1.754 #
39) L8 AR-1262-4	0.000	7.690	0	81146	N.D.	0.482 #
40) L8 AR-1262-5	0.000	8.188	0	7943	N.D.	0.103 #
41) L9 AR-1268-1	0.000	7.623	0	161688	N.D.	0.595 #

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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
42) L9	AR-1268-2	0.000	7.690	0	81146	N.D.	0.333 #
43) L9	AR-1268-3	0.000	7.898	0	85255	N.D.	0.399 #
44) L9	AR-1268-4	0.000	8.188	0	7943	N.D.	0.091 #
45) L9	AR-1268-5	0.000	8.486	0	122971	N.D.	0.197 #

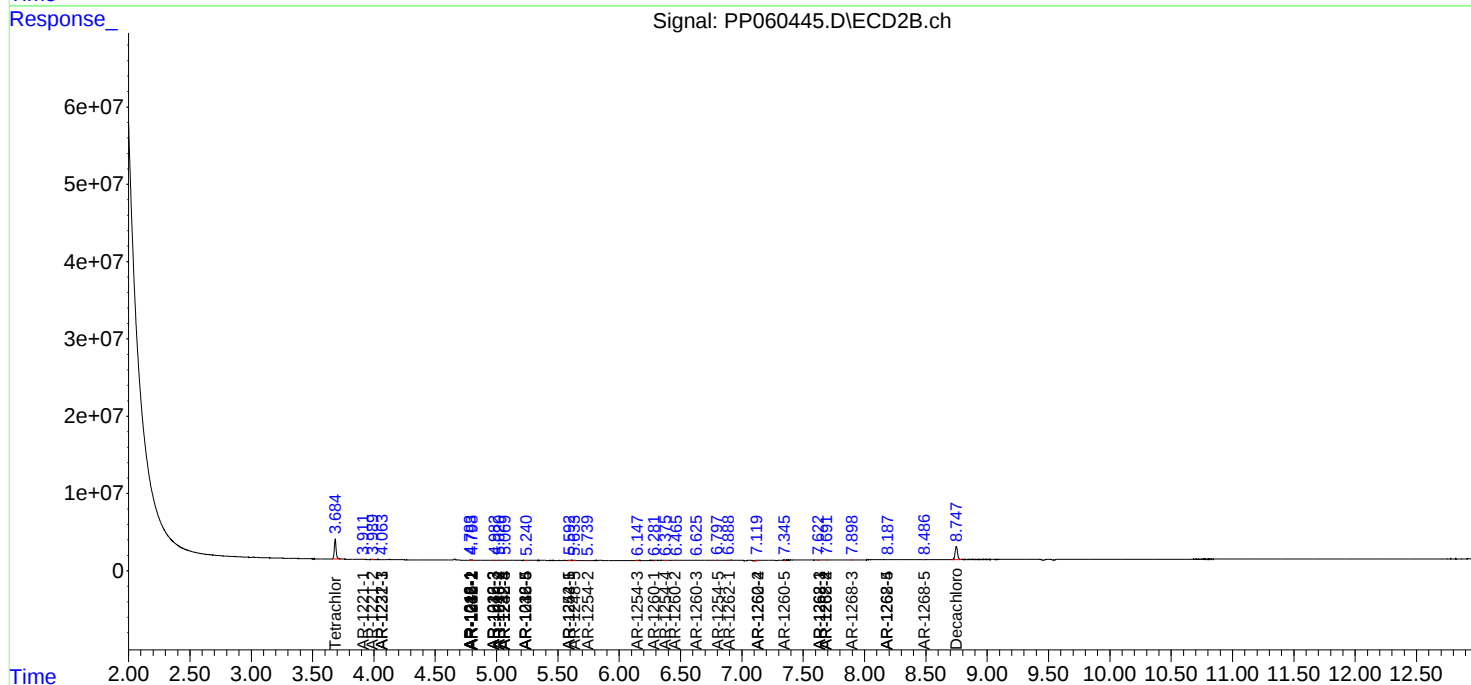
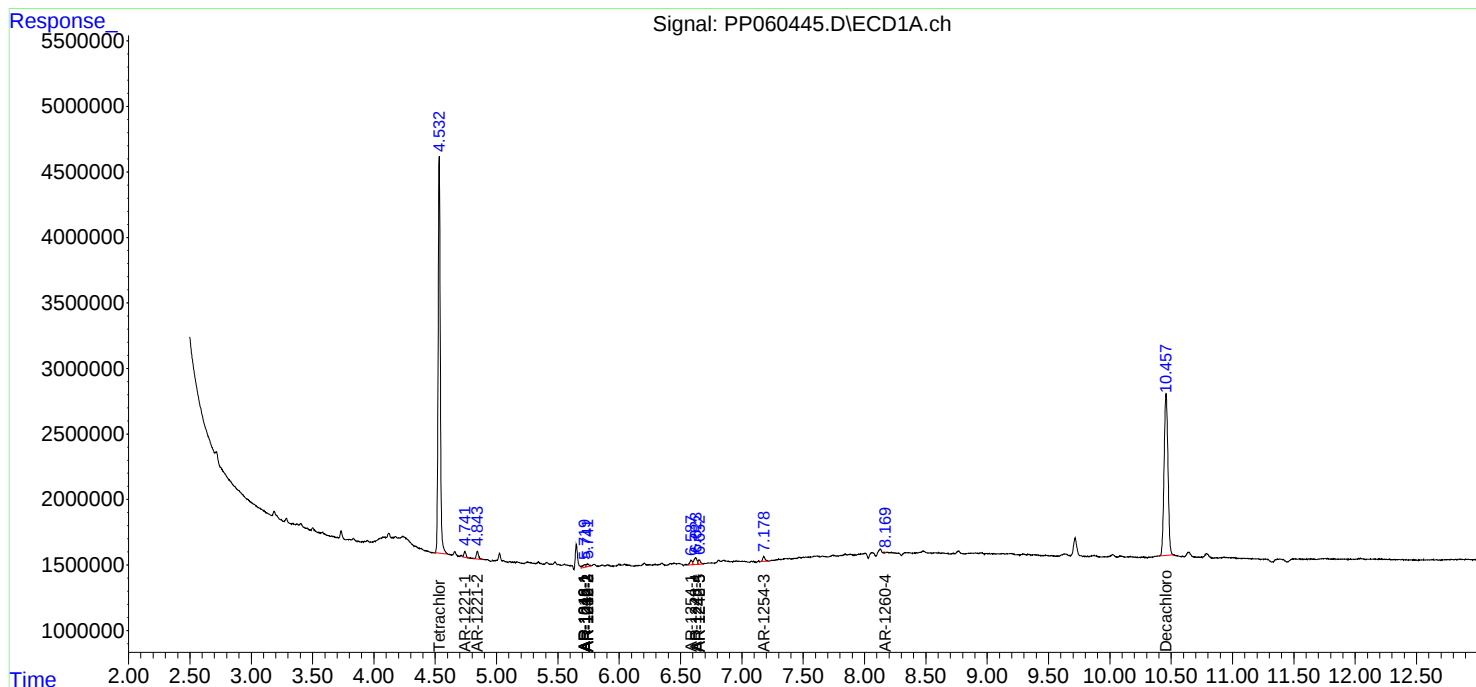
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

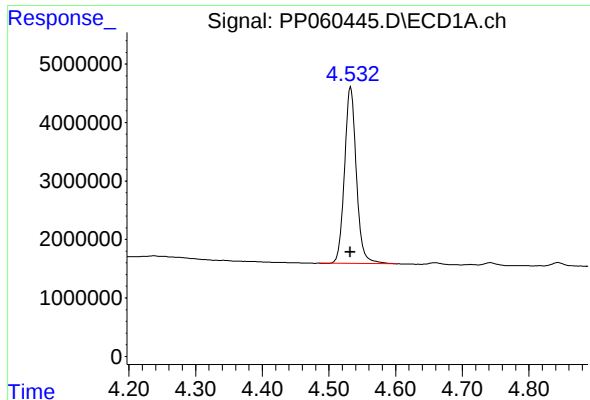
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092923\
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

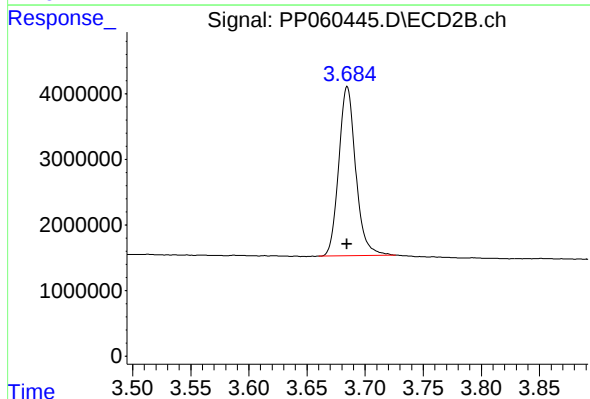




#1 Tetrachloro-m-xylene

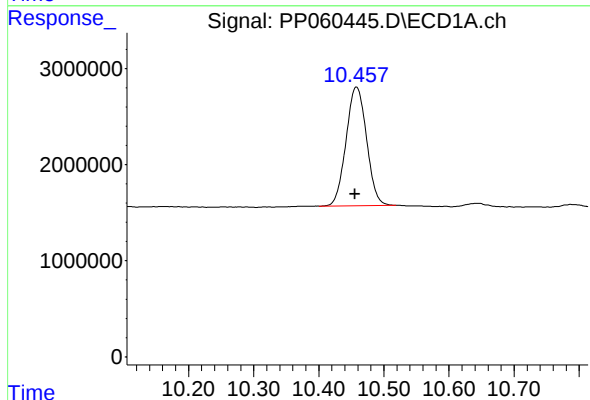
R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 37316016
Conc: 16.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



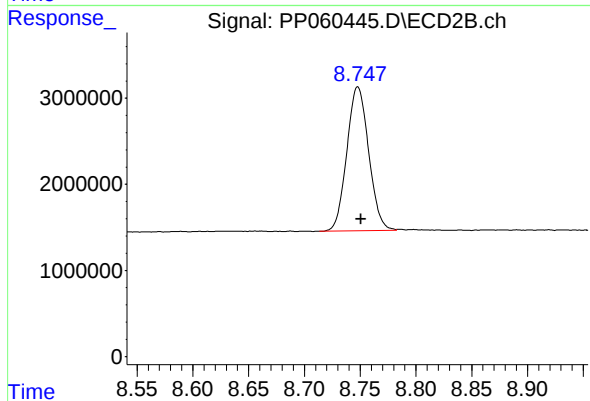
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 26302268
Conc: 17.67 ng/ml



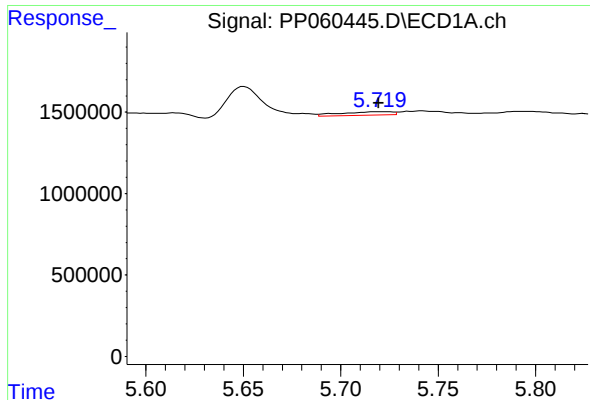
#2 Decachlorobiphenyl

R.T.: 10.458 min
Delta R.T.: 0.002 min
Response: 27018757
Conc: 15.30 ng/ml



#2 Decachlorobiphenyl

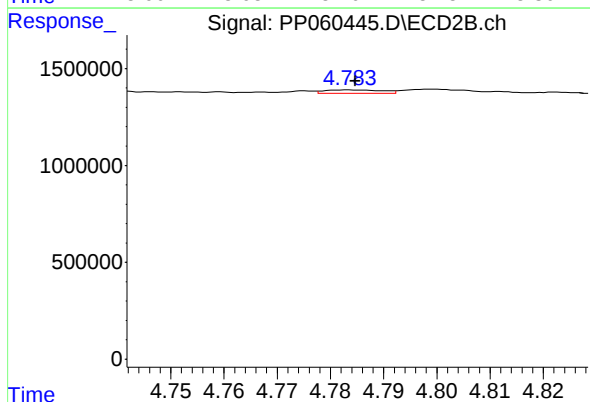
R.T.: 8.748 min
Delta R.T.: -0.003 min
Response: 22782161
Conc: 13.97 ng/ml



#3 AR-1016-1

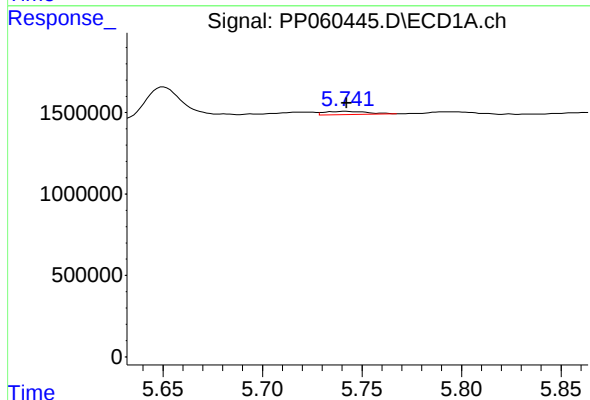
R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 387386
Conc: 5.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



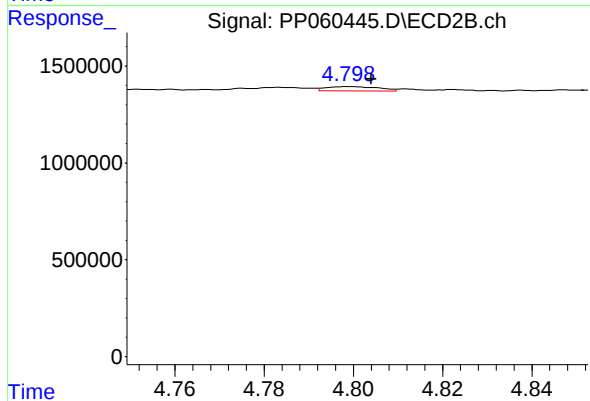
#3 AR-1016-1

R.T.: 4.784 min
Delta R.T.: -0.001 min
Response: 131932
Conc: 2.27 ng/ml



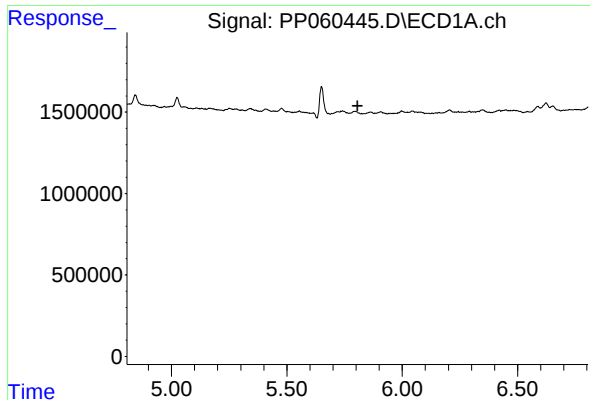
#4 AR-1016-2

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 306136
Conc: 2.92 ng/ml



#4 AR-1016-2

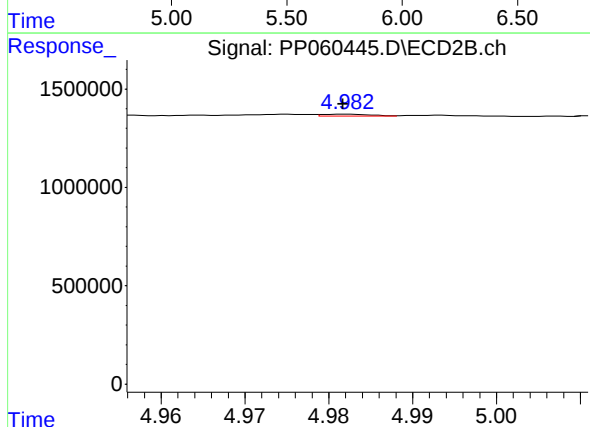
R.T.: 4.799 min
Delta R.T.: -0.005 min
Response: 184924
Conc: 2.30 ng/ml



#5 AR-1016-3

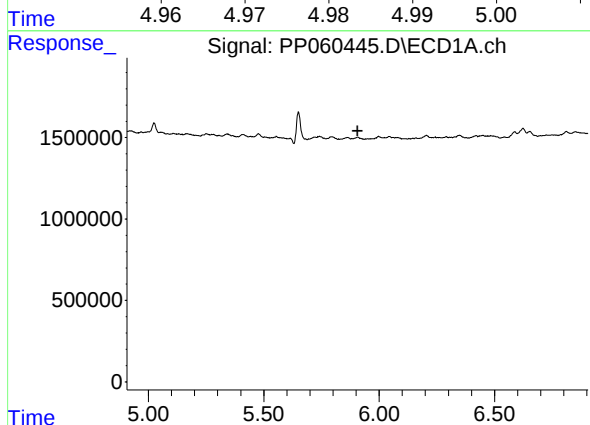
R.T.: 0.000 min
Exp R.T.: 5.806 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



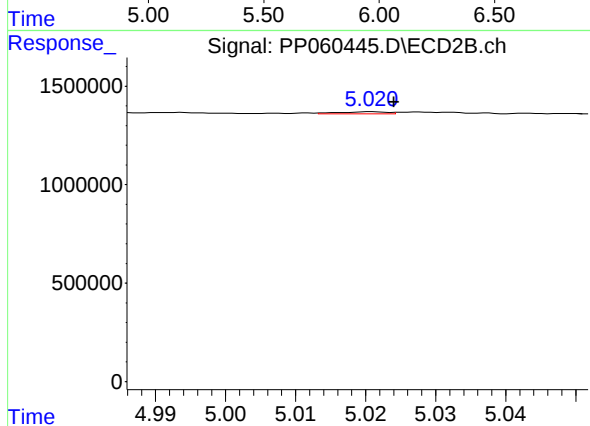
#5 AR-1016-3

R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 41399
Conc: 0.93 ng/ml



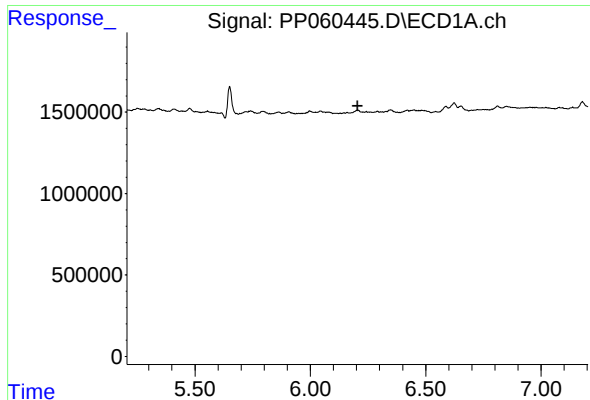
#6 AR-1016-4

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



#6 AR-1016-4

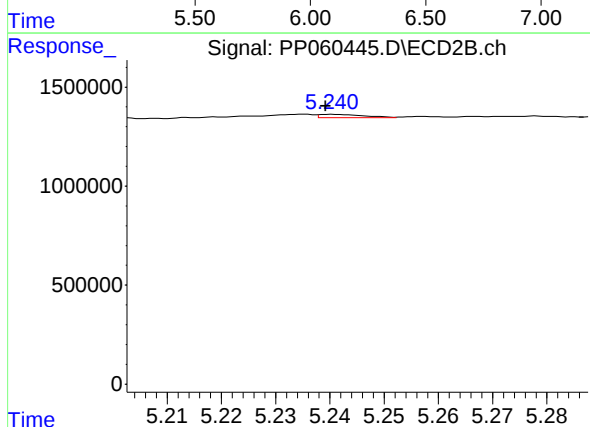
R.T.: 5.021 min
Delta R.T.: -0.003 min
Response: 49347
Conc: 1.37 ng/ml



#7 AR-1016-5

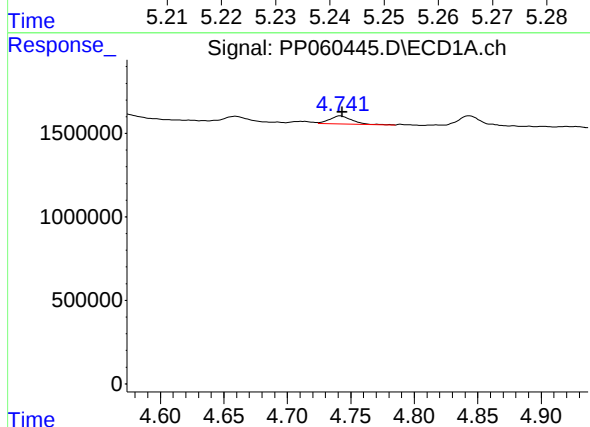
R.T.: 0.000 min
Exp R.T.: 6.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



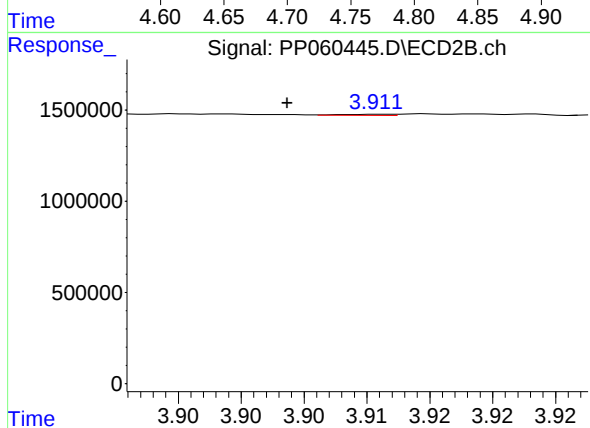
#7 AR-1016-5

R.T.: 5.240 min
Delta R.T.: 0.000 min
Response: 98923
Conc: 2.04 ng/ml



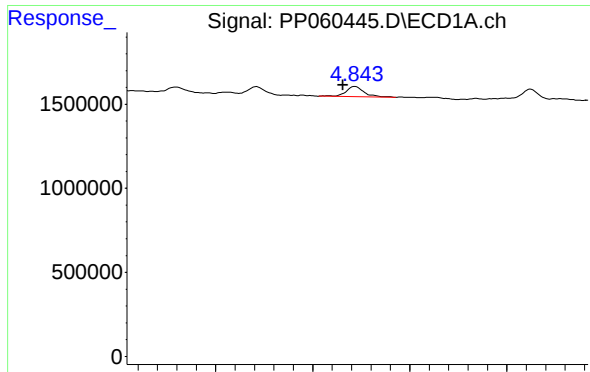
#8 AR-1221-1

R.T.: 4.742 min
Delta R.T.: -0.002 min
Response: 563173
Conc: 19.50 ng/ml



#8 AR-1221-1

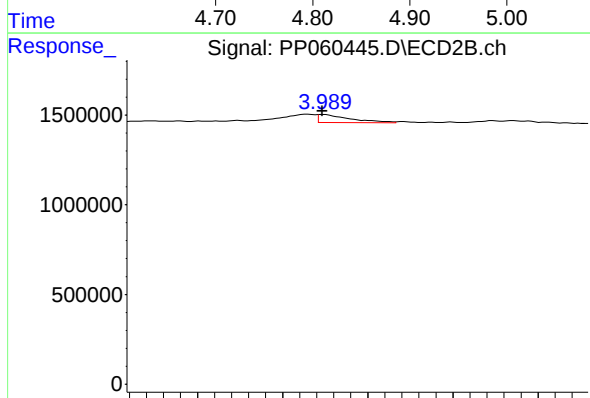
R.T.: 3.911 min
Delta R.T.: 0.007 min
Response: 16450
Conc: 0.79 ng/ml



#9 AR-1221-2

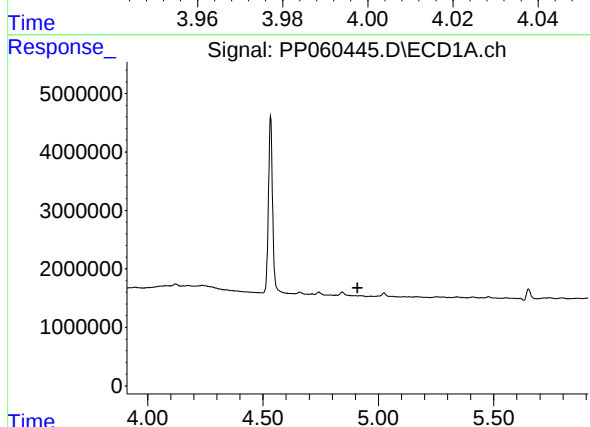
R.T.: 4.843 min
Delta R.T.: 0.012 min
Response: 805289
Conc: 37.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



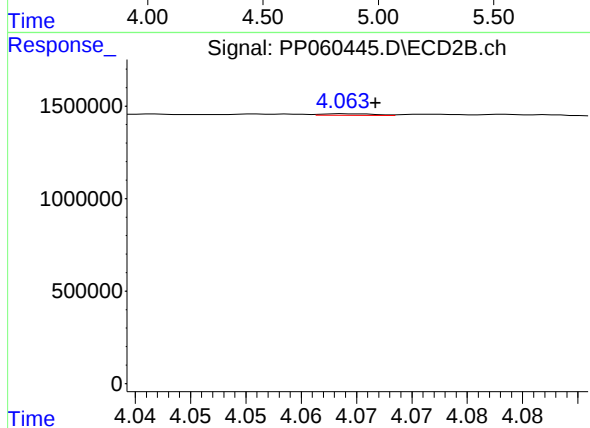
#9 AR-1221-2

R.T.: 3.990 min
Delta R.T.: 0.000 min
Response: 232535
Conc: 15.59 ng/ml



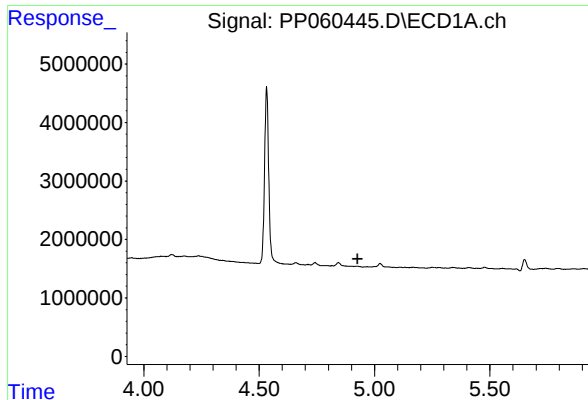
#10 AR-1221-3

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



#10 AR-1221-3

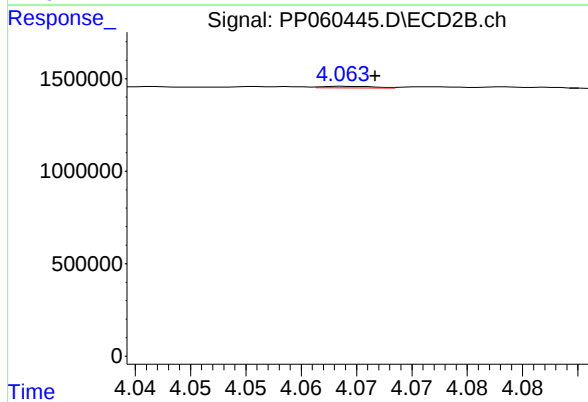
R.T.: 4.064 min
Delta R.T.: -0.003 min
Response: 27886
Conc: 0.63 ng/ml



#11 AR-1232-1

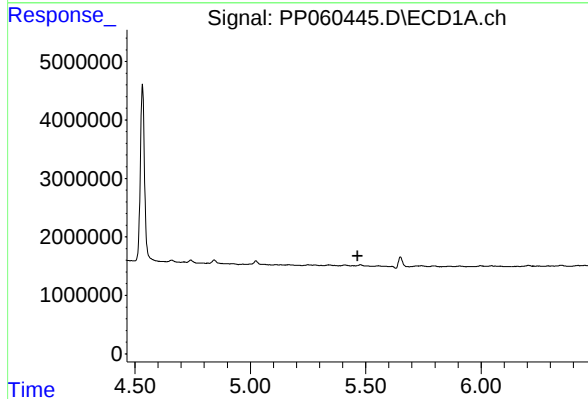
R.T.: 0.000 min
Exp R.T.: 4.926 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



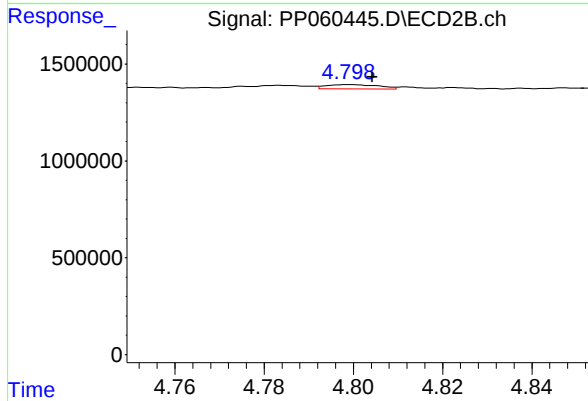
#11 AR-1232-1

R.T.: 4.064 min
Delta R.T.: -0.003 min
Response: 27886
Conc: 0.77 ng/ml



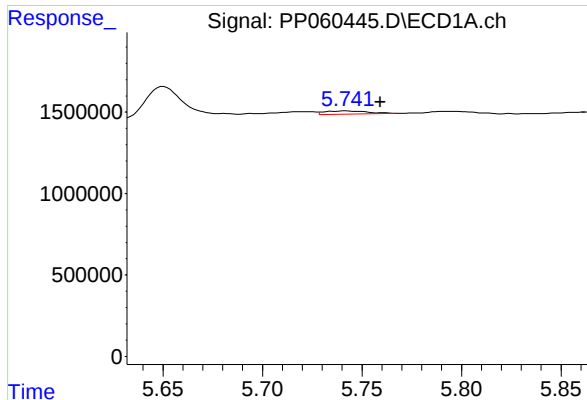
#12 AR-1232-2

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



#12 AR-1232-2

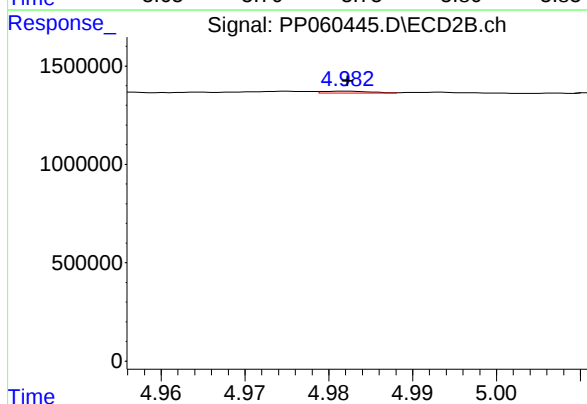
R.T.: 4.799 min
Delta R.T.: -0.006 min
Response: 184924
Conc: 5.07 ng/ml



#13 AR-1232-3

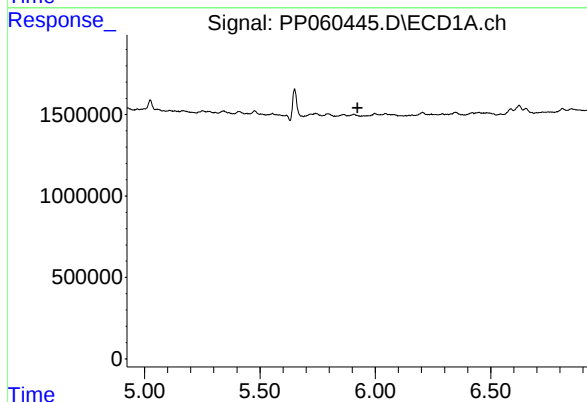
R.T.: 5.742 min
Delta R.T.: -0.017 min
Response: 306136
Conc: 6.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



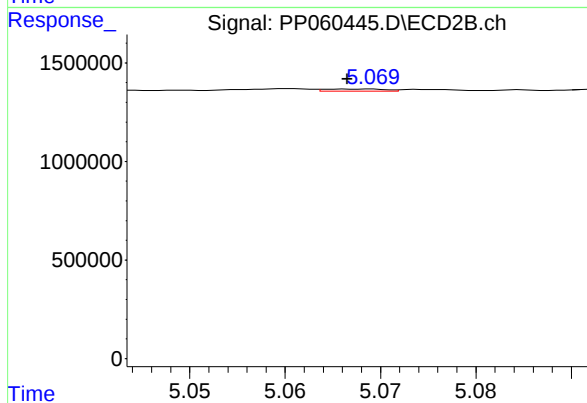
#13 AR-1232-3

R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 41399
Conc: 2.07 ng/ml



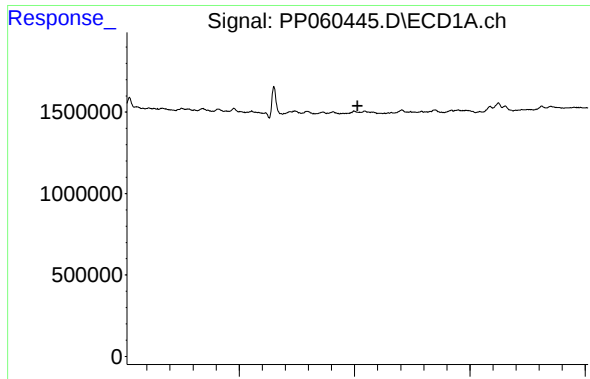
#14 AR-1232-4

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



#14 AR-1232-4

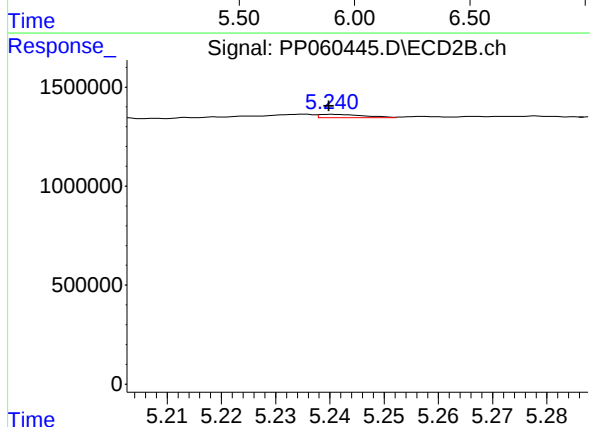
R.T.: 5.069 min
Delta R.T.: 0.002 min
Response: 48413
Conc: 2.59 ng/ml



#15 AR-1232-5

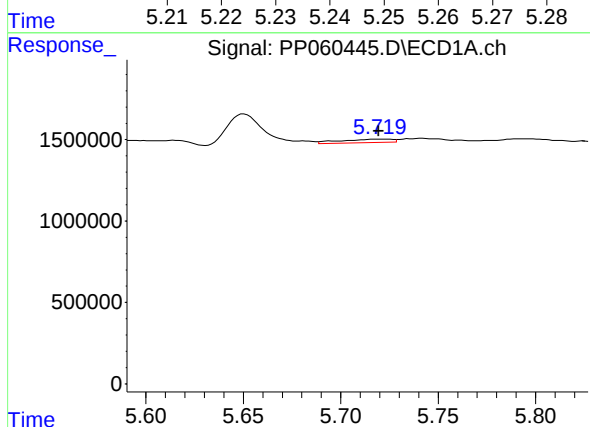
R.T.: 0.000 min
Exp R.T.: 6.014 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



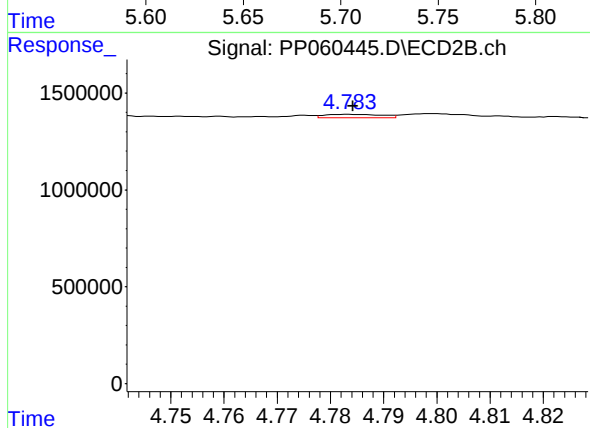
#15 AR-1232-5

R.T.: 5.240 min
Delta R.T.: 0.000 min
Response: 98923
Conc: 4.76 ng/ml



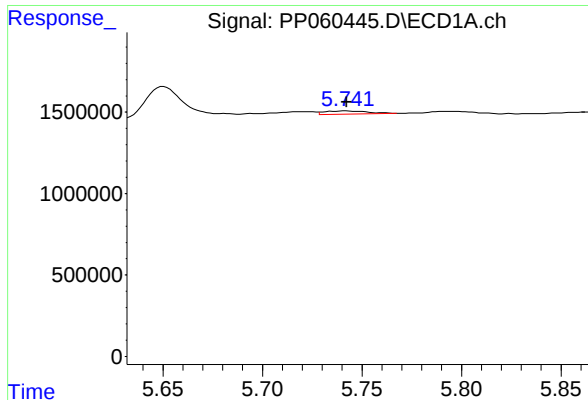
#16 AR-1242-1

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 387386
Conc: 6.06 ng/ml



#16 AR-1242-1

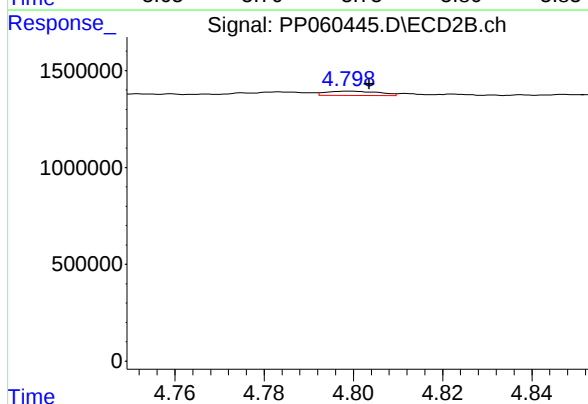
R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 131932
Conc: 2.61 ng/ml



#17 AR-1242-2

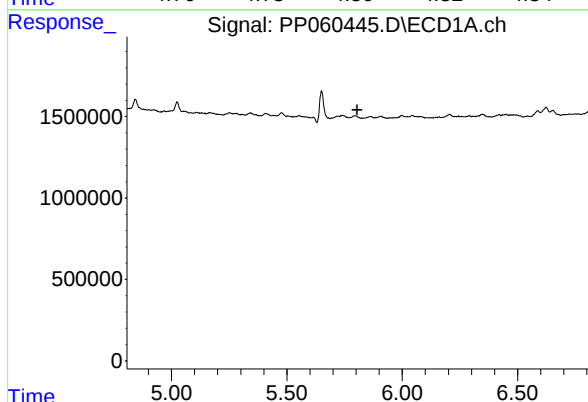
R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 306136
Conc: 3.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



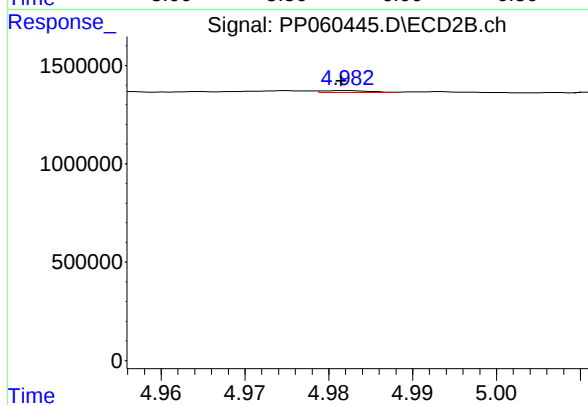
#17 AR-1242-2

R.T.: 4.799 min
Delta R.T.: -0.005 min
Response: 184924
Conc: 2.66 ng/ml



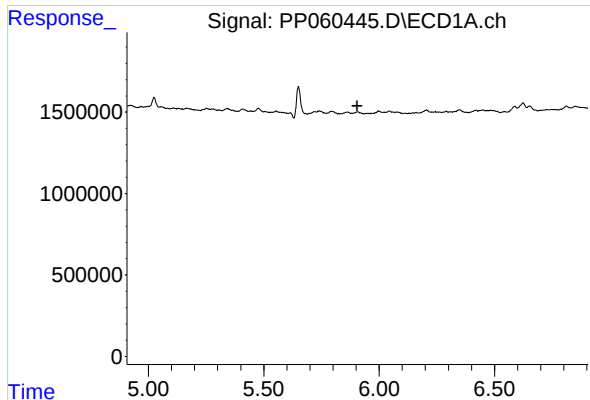
#18 AR-1242-3

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



#18 AR-1242-3

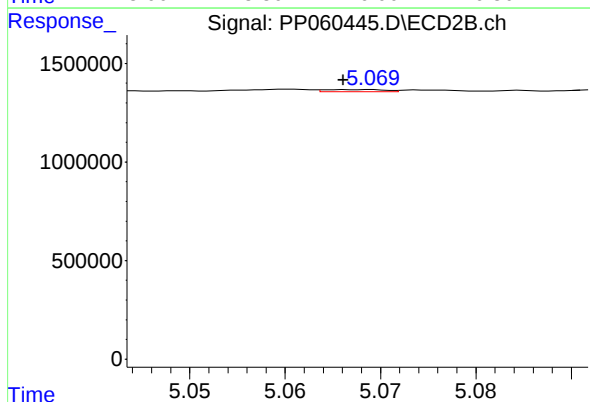
R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 41399
Conc: 1.07 ng/ml



#19 AR-1242-4

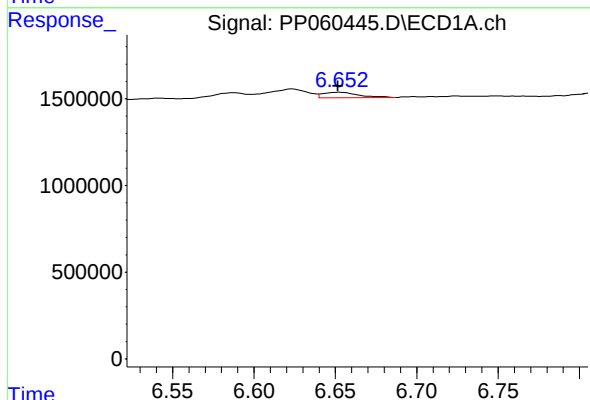
R.T.: 0.000 min
Exp R.T.: 5.905 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



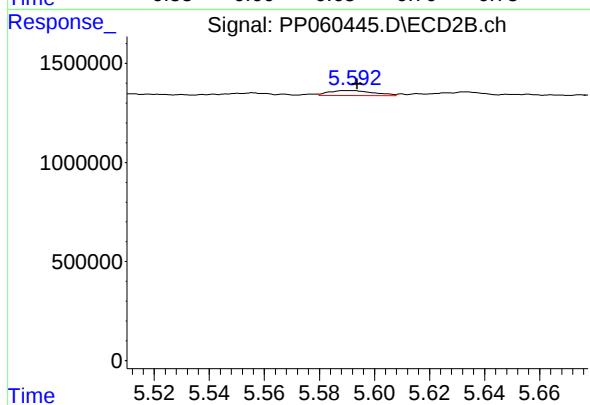
#19 AR-1242-4

R.T.: 5.069 min
Delta R.T.: 0.003 min
Response: 48413
Conc: 1.23 ng/ml



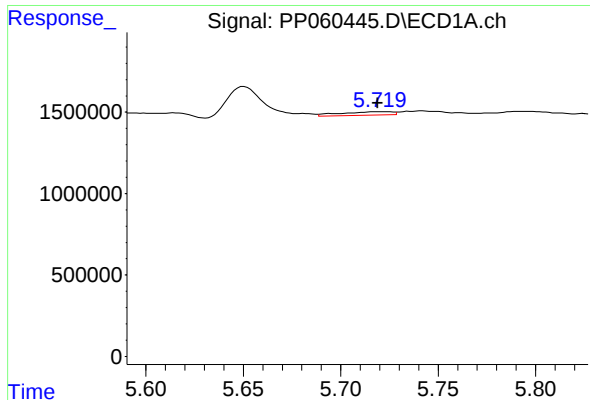
#20 AR-1242-5

R.T.: 6.653 min
Delta R.T.: 0.001 min
Response: 481035
Conc: 9.56 ng/ml



#20 AR-1242-5

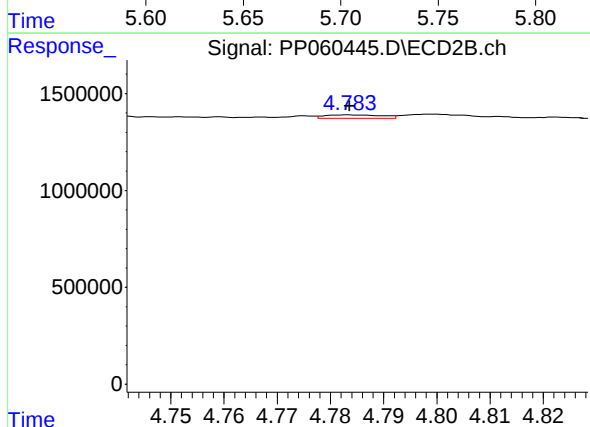
R.T.: 5.592 min
Delta R.T.: -0.001 min
Response: 282950
Conc: 5.78 ng/ml



#21 AR-1248-1

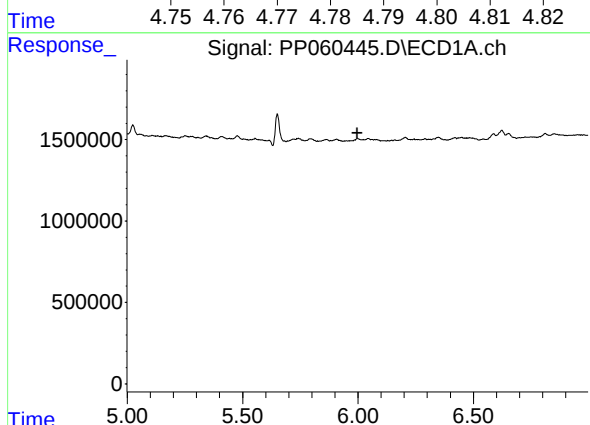
R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 387386
Conc: 8.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



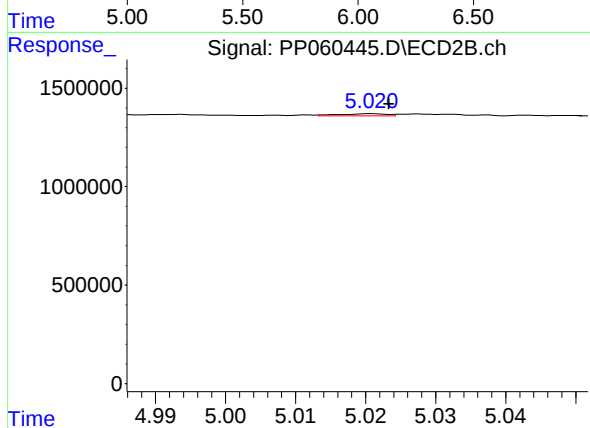
#21 AR-1248-1

R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 131932
Conc: 3.62 ng/ml



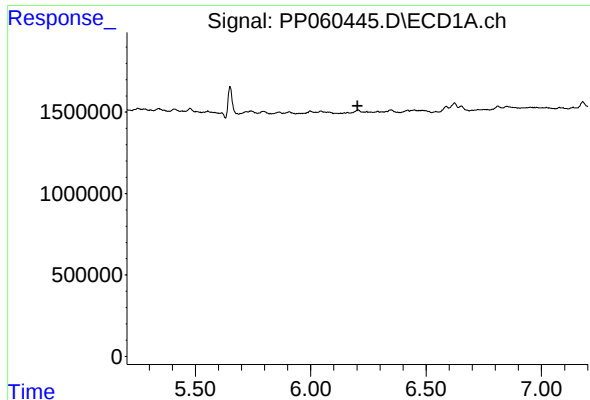
#22 AR-1248-2

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



#22 AR-1248-2

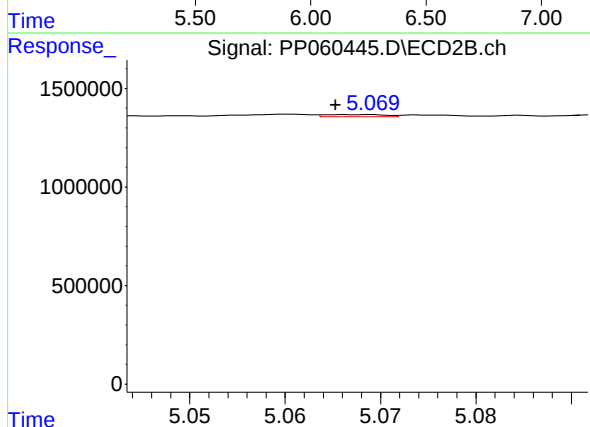
R.T.: 5.021 min
Delta R.T.: -0.002 min
Response: 49347
Conc: 0.94 ng/ml



#23 AR-1248-3

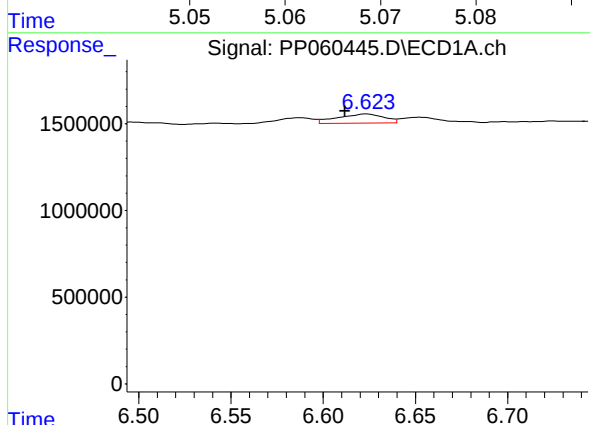
R.T.: 0.000 min
Exp R.T.: 6.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



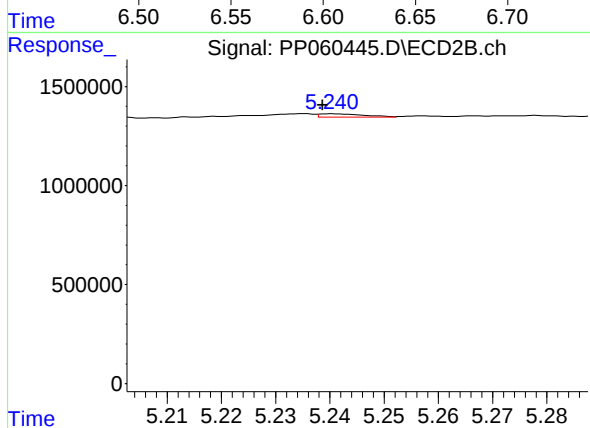
#23 AR-1248-3

R.T.: 5.069 min
Delta R.T.: 0.004 min
Response: 48413
Conc: 0.87 ng/ml



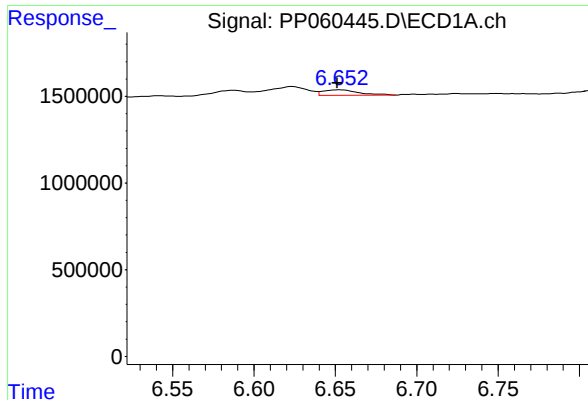
#24 AR-1248-4

R.T.: 6.624 min
Delta R.T.: 0.012 min
Response: 925118
Conc: 11.19 ng/ml



#24 AR-1248-4

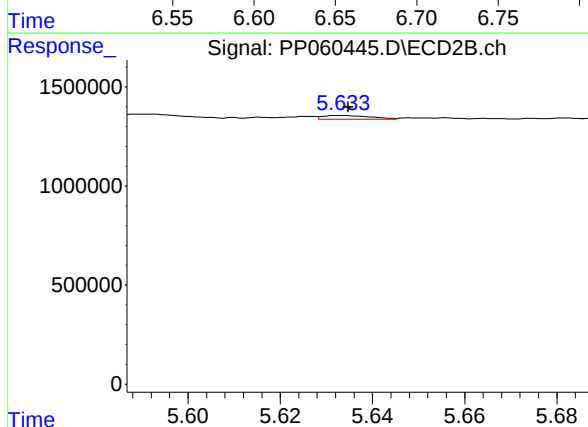
R.T.: 5.240 min
Delta R.T.: 0.002 min
Response: 98923
Conc: 1.50 ng/ml



#25 AR-1248-5

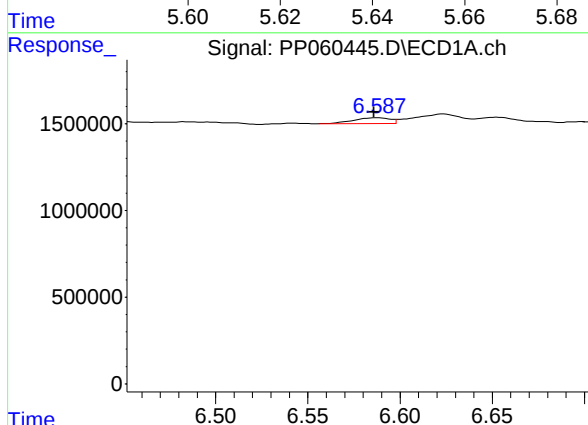
R.T.: 6.653 min
Delta R.T.: 0.002 min
Response: 481035
Conc: 5.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



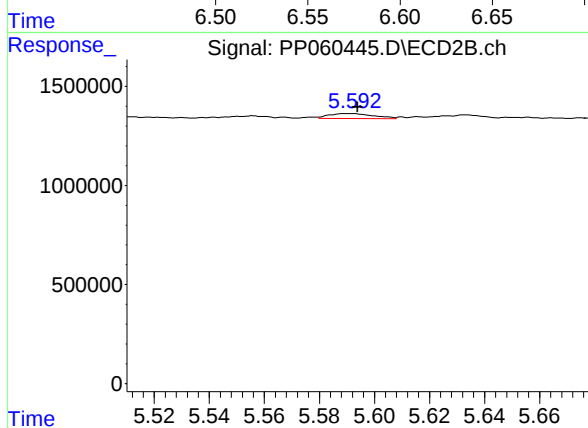
#25 AR-1248-5

R.T.: 5.633 min
Delta R.T.: -0.002 min
Response: 140882
Conc: 2.19 ng/ml



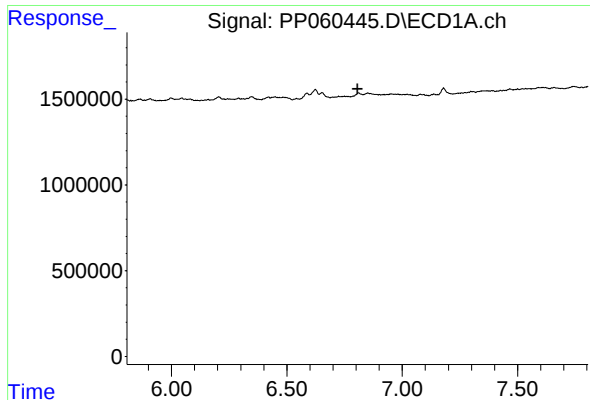
#26 AR-1254-1

R.T.: 6.588 min
Delta R.T.: 0.002 min
Response: 453460
Conc: 5.31 ng/ml



#26 AR-1254-1

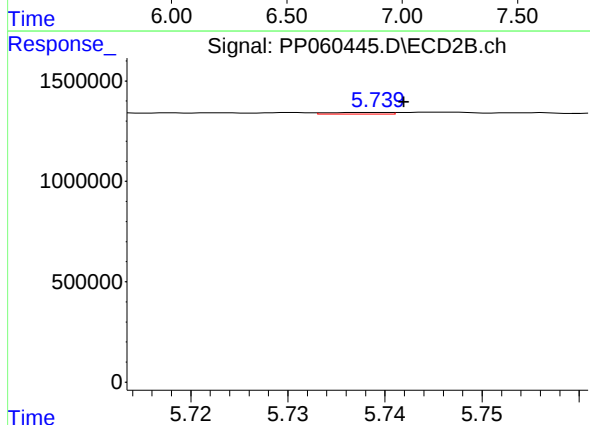
R.T.: 5.592 min
Delta R.T.: -0.001 min
Response: 282950
Conc: 2.86 ng/ml



#27 AR-1254-2

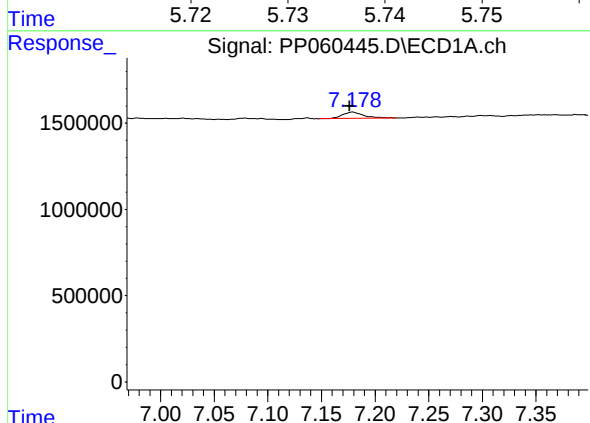
R.T.: 0.000 min
Exp R.T.: 6.806 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



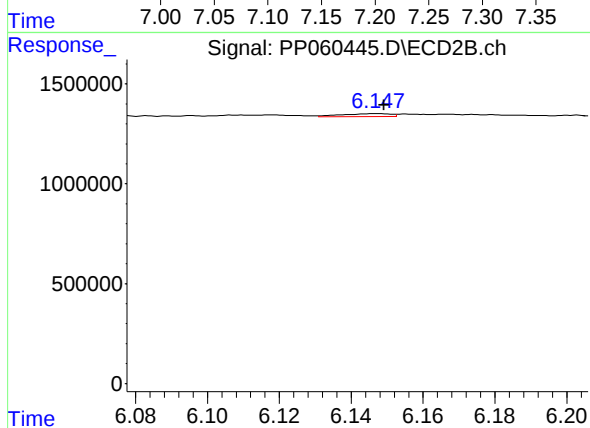
#27 AR-1254-2

R.T.: 5.739 min
Delta R.T.: -0.003 min
Response: 37375
Conc: 0.43 ng/ml



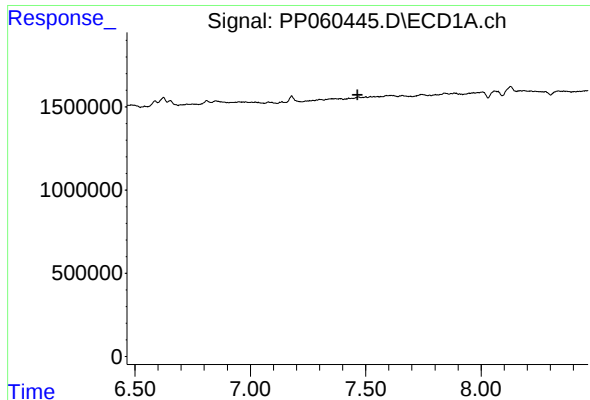
#28 AR-1254-3

R.T.: 7.179 min
Delta R.T.: 0.003 min
Response: 515771
Conc: 3.88 ng/ml



#28 AR-1254-3

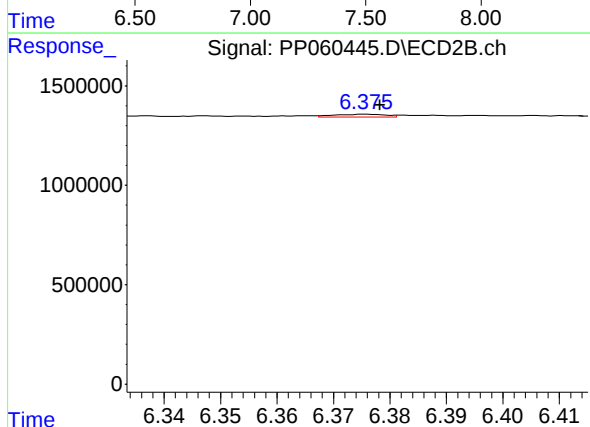
R.T.: 6.147 min
Delta R.T.: -0.002 min
Response: 144410
Conc: 1.01 ng/ml



#29 AR-1254-4

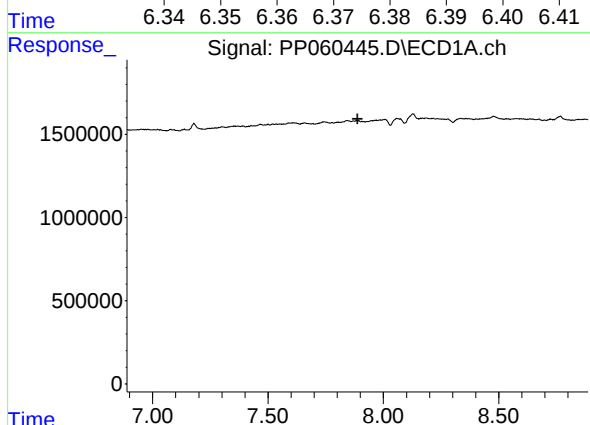
R.T.: 0.000 min
Exp R.T.: 7.464 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



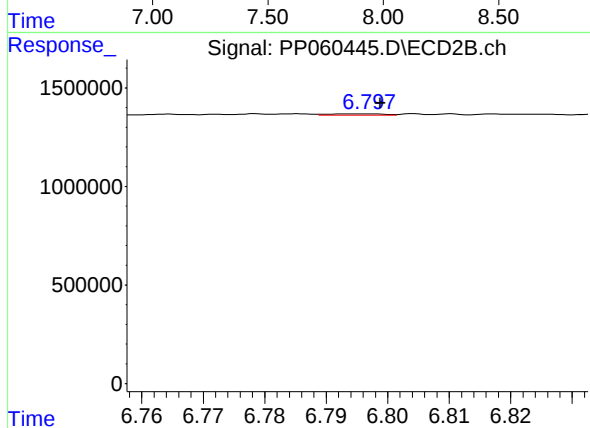
#29 AR-1254-4

R.T.: 6.376 min
Delta R.T.: -0.002 min
Response: 85210
Conc: 0.98 ng/ml



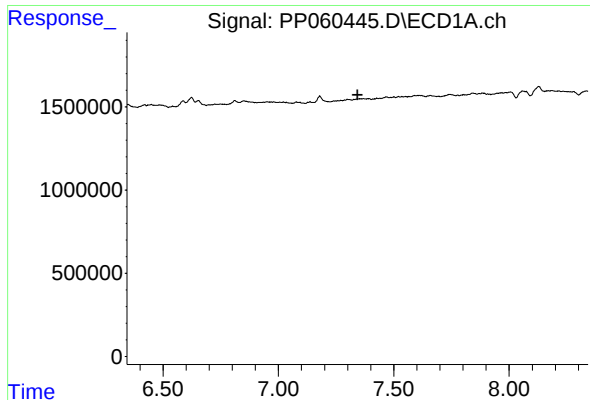
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 7.887 min
Response: 0
Conc: N.D.



#30 AR-1254-5

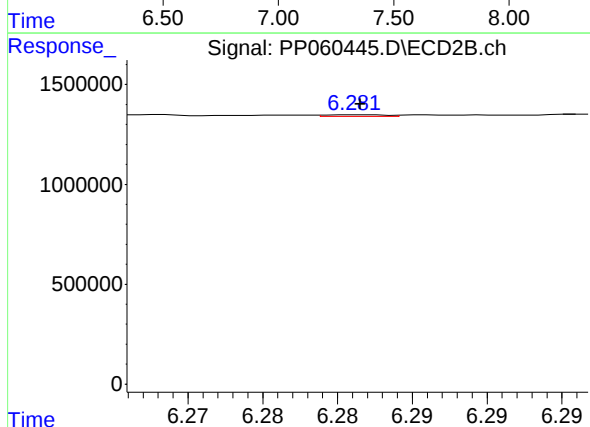
R.T.: 6.797 min
Delta R.T.: -0.002 min
Response: 44127
Conc: 0.35 ng/ml



#31 AR-1260-1

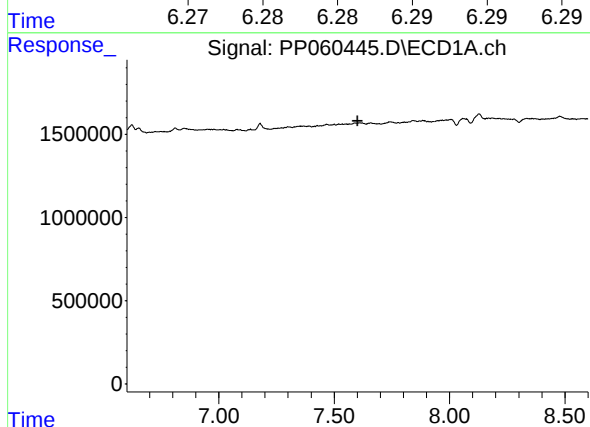
R.T.: 0.000 min
Exp R.T.: 7.344 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



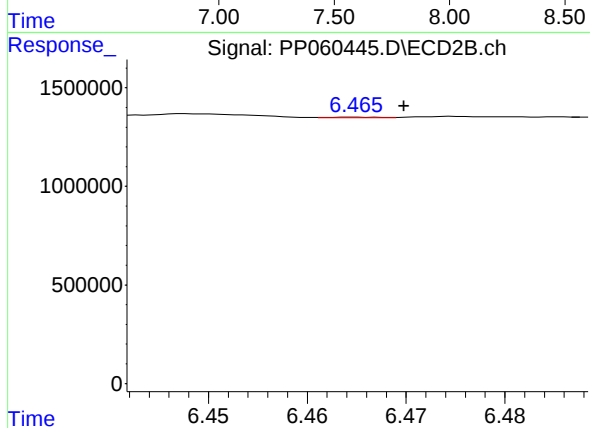
#31 AR-1260-1

R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 22798
Conc: 0.23 ng/ml



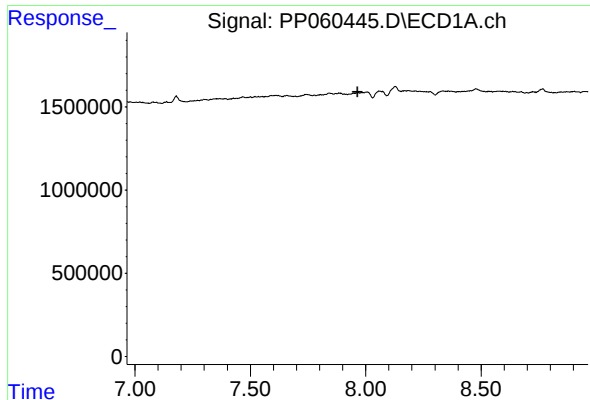
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 7.602 min
Response: 0
Conc: N.D.



#32 AR-1260-2

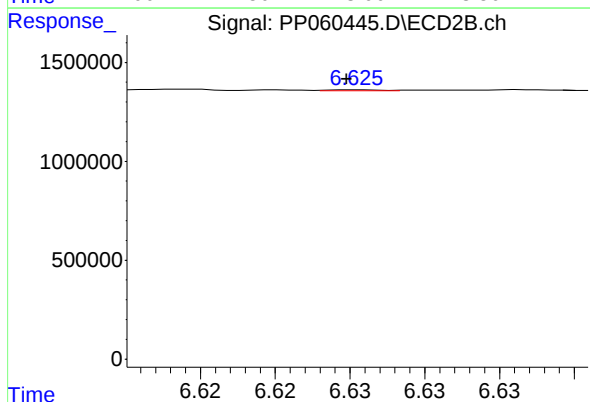
R.T.: 6.465 min
Delta R.T.: -0.005 min
Response: 9825
Conc: 0.08 ng/ml



#33 AR-1260-3

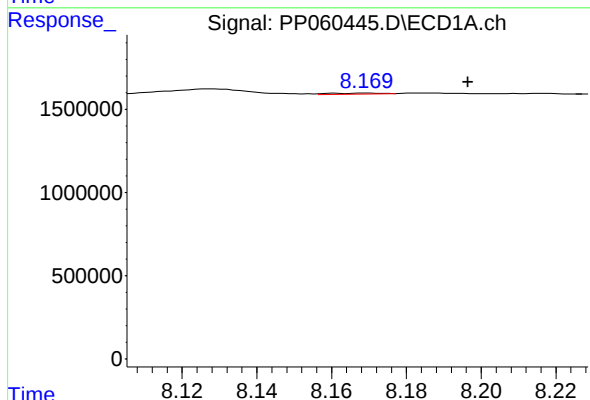
R.T.: 0.000 min
Exp R.T.: 7.965 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



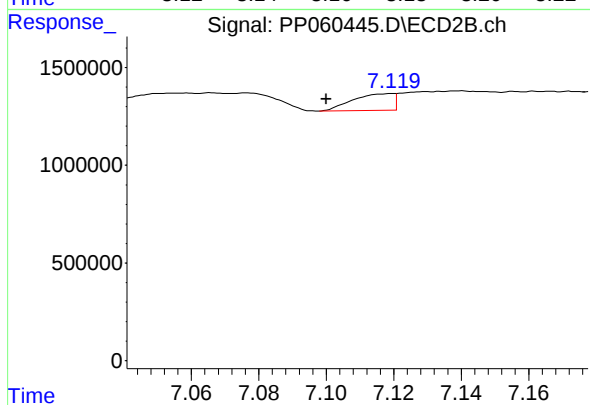
#33 AR-1260-3

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 9635
Conc: 0.08 ng/ml



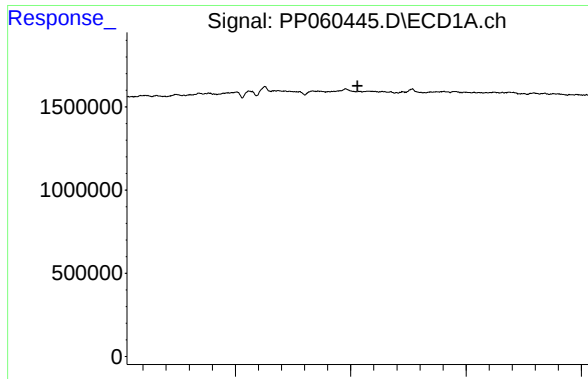
#34 AR-1260-4

R.T.: 8.169 min
Delta R.T.: -0.027 min
Response: 57323
Conc: 0.54 ng/ml



#34 AR-1260-4

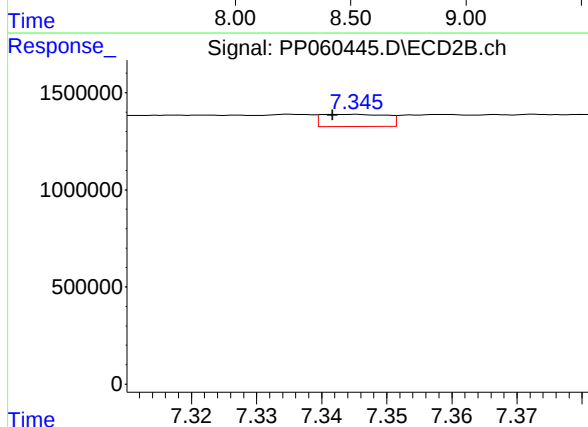
R.T.: 7.120 min
Delta R.T.: 0.020 min
Response: 717571
Conc: 7.54 ng/ml



#35 AR-1260-5

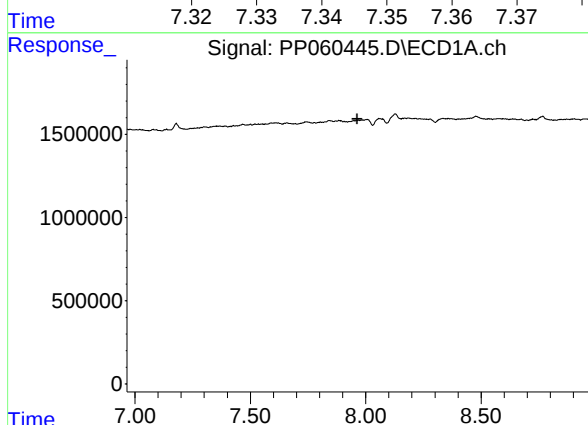
R.T.: 0.000 min
Exp R.T.: 8.530 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



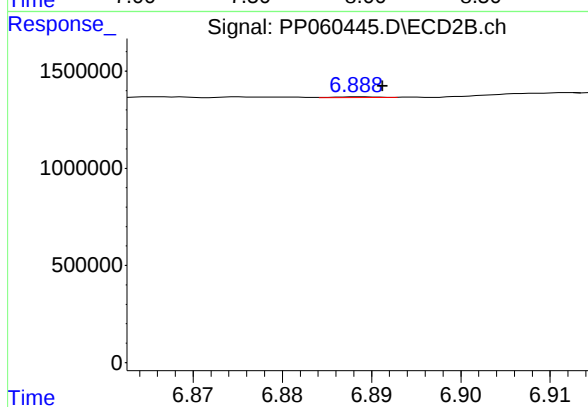
#35 AR-1260-5

R.T.: 7.345 min
Delta R.T.: 0.003 min
Response: 432372
Conc: 2.00 ng/ml



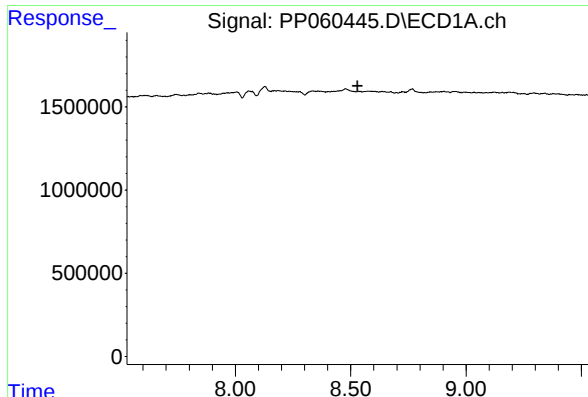
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 7.964 min
Response: 0
Conc: N.D.



#36 AR-1262-1

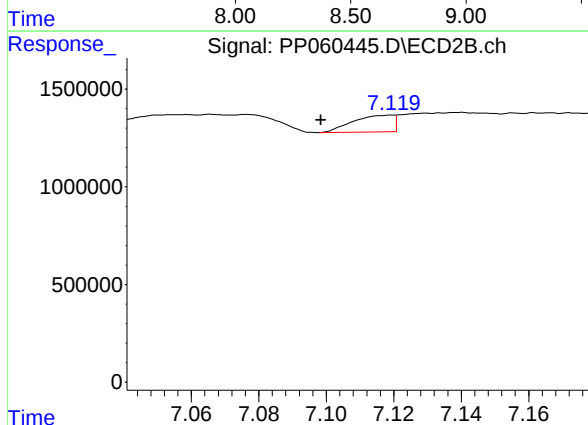
R.T.: 6.889 min
Delta R.T.: -0.002 min
Response: 10767
Conc: 0.20 ng/ml



#37 AR-1262-2

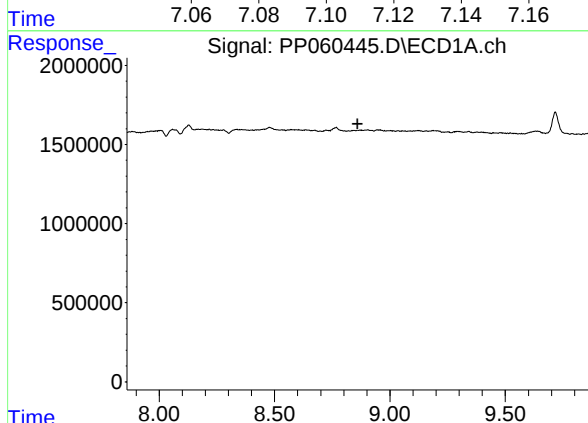
R.T.: 0.000 min
Exp R.T.: 8.529 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



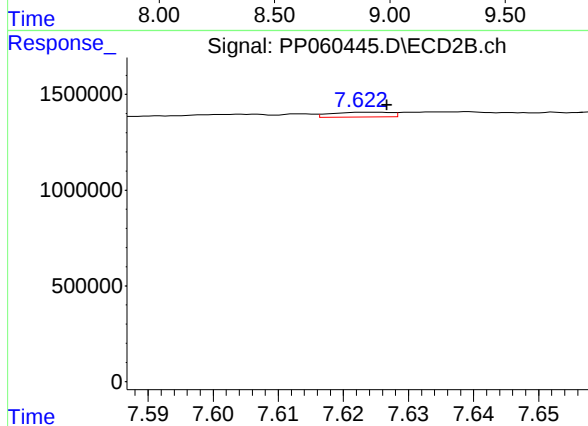
#37 AR-1262-2

R.T.: 7.120 min
Delta R.T.: 0.021 min
Response: 717571
Conc: 6.08 ng/ml



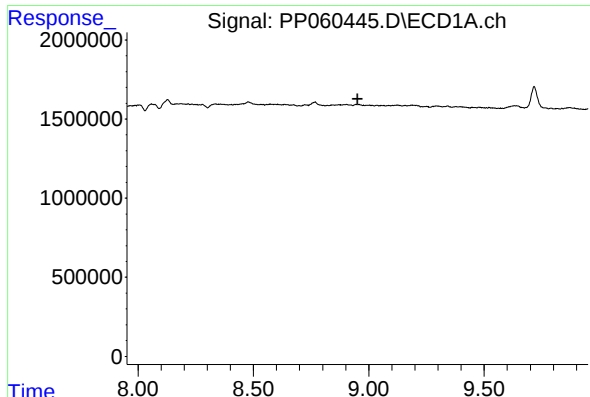
#38 AR-1262-3

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



#38 AR-1262-3

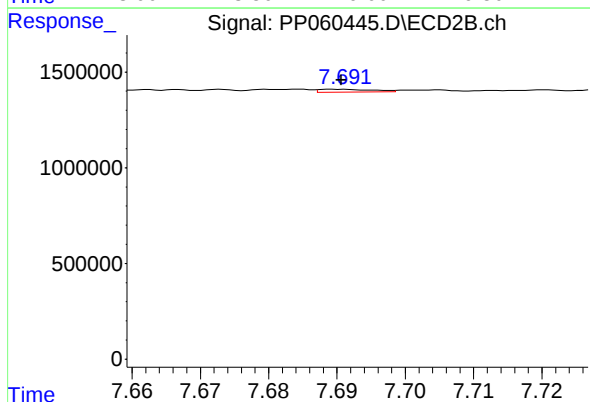
R.T.: 7.623 min
Delta R.T.: -0.004 min
Response: 161688
Conc: 1.75 ng/ml



#39 AR-1262-4

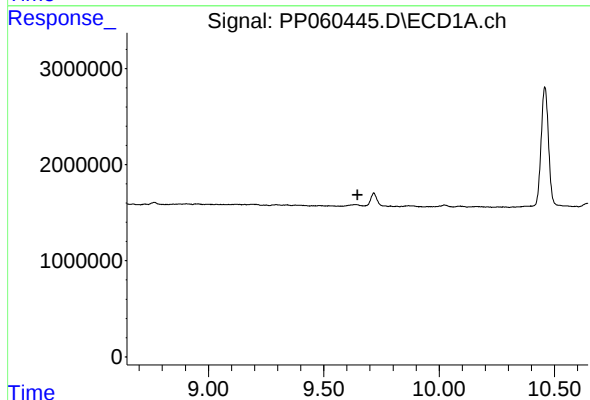
R.T.: 0.000 min
Exp R.T.: 8.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



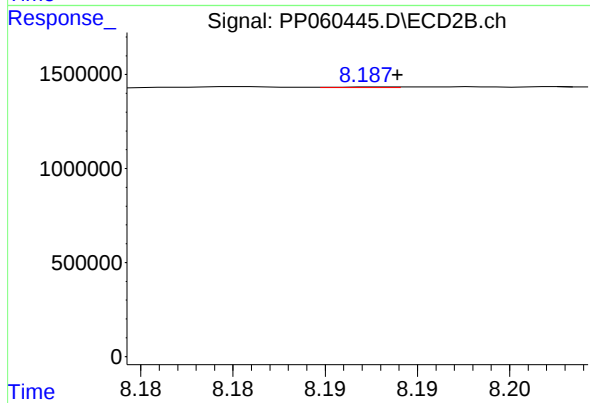
#39 AR-1262-4

R.T.: 7.690 min
Delta R.T.: -0.001 min
Response: 81146
Conc: 0.48 ng/ml



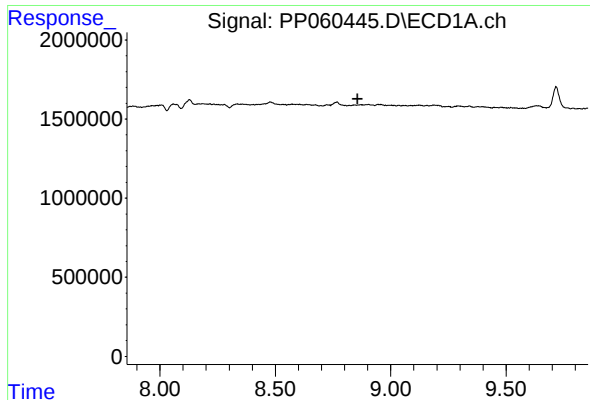
#40 AR-1262-5

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



#40 AR-1262-5

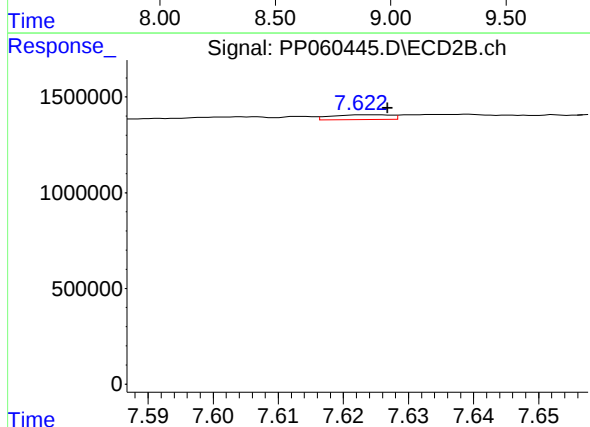
R.T.: 8.188 min
Delta R.T.: -0.001 min
Response: 7943
Conc: 0.10 ng/ml



#41 AR-1268-1

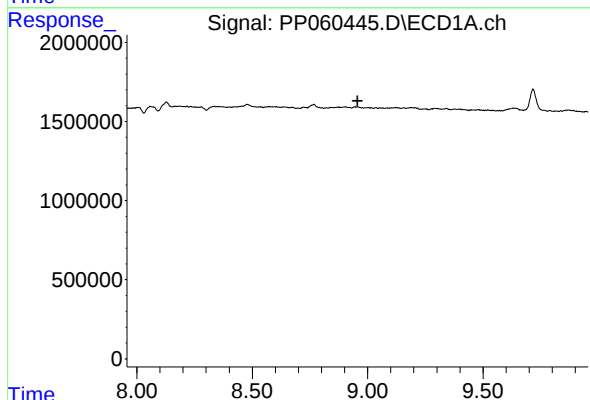
R.T.: 0.000 min
Exp R.T.: 8.856 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



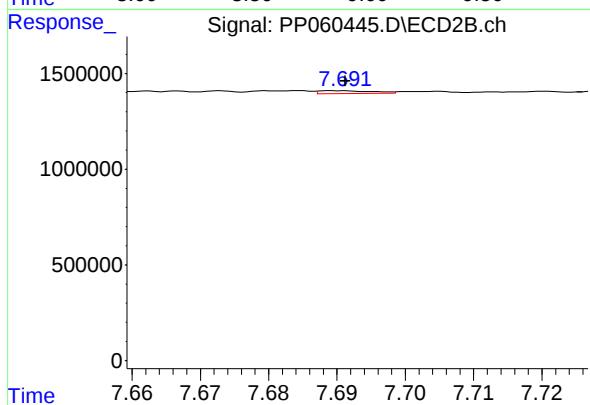
#41 AR-1268-1

R.T.: 7.623 min
Delta R.T.: -0.004 min
Response: 161688
Conc: 0.59 ng/ml



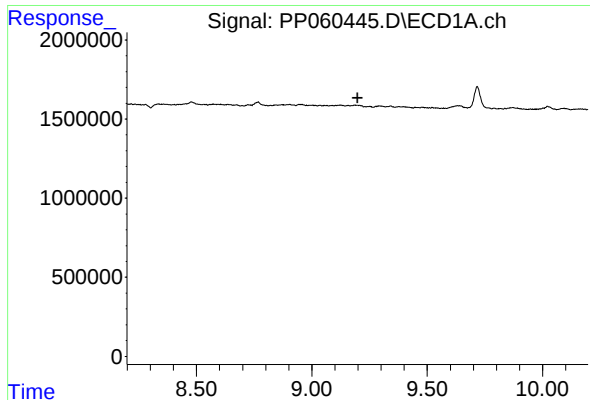
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.956 min
Response: 0
Conc: N.D.



#42 AR-1268-2

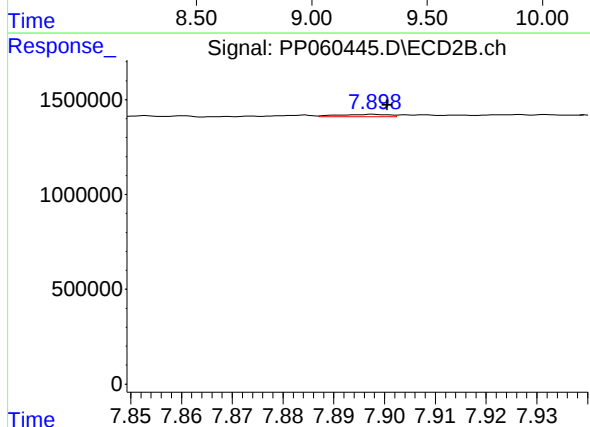
R.T.: 7.690 min
Delta R.T.: -0.002 min
Response: 81146
Conc: 0.33 ng/ml



#43 AR-1268-3

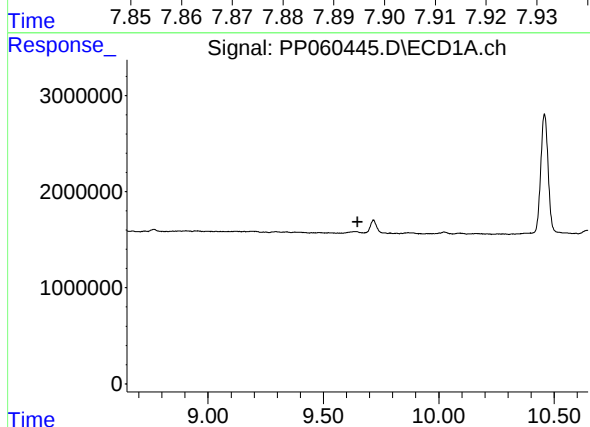
R.T.: 0.000 min
Exp R.T.: 9.198 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



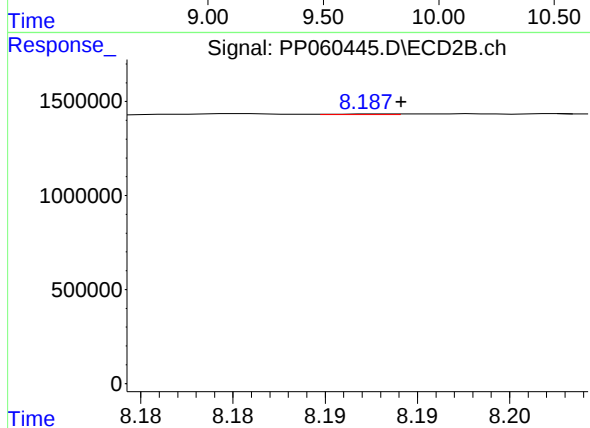
#43 AR-1268-3

R.T.: 7.898 min
Delta R.T.: -0.003 min
Response: 85255
Conc: 0.40 ng/ml



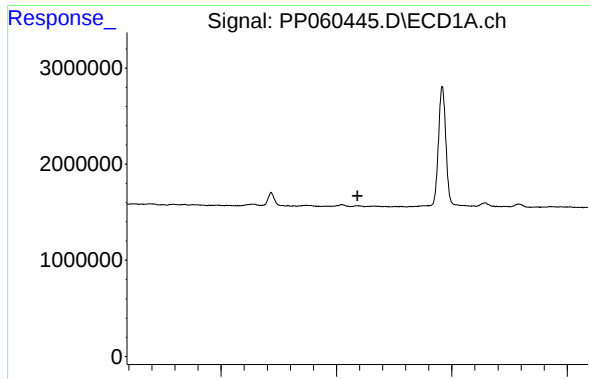
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.648 min
Response: 0
Conc: N.D.



#44 AR-1268-4

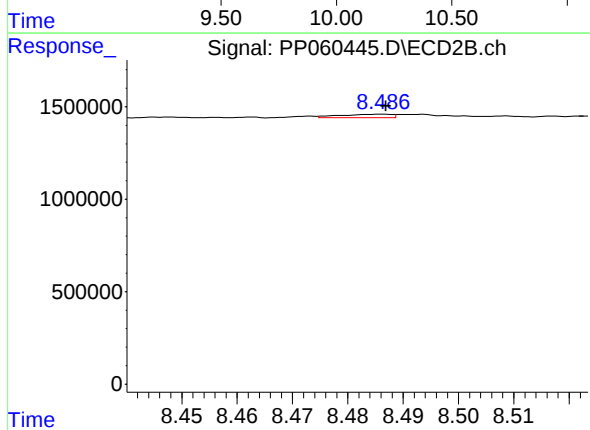
R.T.: 8.188 min
Delta R.T.: -0.001 min
Response: 7943
Conc: 0.09 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.091 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.486 min
Delta R.T.: 0.000 min
Response: 122971
Conc: 0.20 ng/ml