

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100523\
 Data File : PP060642.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Oct 2023 21:10
 Operator : YP\AJ
 Sample : 04767-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 06 00:02:11 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...	4.532	3.684	41488160	29464571	18.526	19.795
2) SA Decachlor...	10.456	8.746	33341008	25530461	18.884	15.651
Target Compounds						
3) L1 AR-1016-1	5.720	4.780	1489117	1639246	20.231	28.210 #
4) L1 AR-1016-2	5.741	4.800	2028470	1133058	19.368	14.074 #
5) L1 AR-1016-3	5.809	4.981	468604	1002187	7.170	22.424 #
6) L1 AR-1016-4	5.906	5.021	717538	1778516	13.195	49.426 #
7) L1 AR-1016-5	6.203	5.232	1634748	887092	29.390	18.257 #
8) L2 AR-1221-1	4.742	3.908	2756966	757452	95.440	36.259 #
9) L2 AR-1221-2	4.843	3.987	1544177	1893820	72.276	127.009 #
10) L2 AR-1221-3	4.914	4.067	1141855	48656	18.802	1.108 #
11) L3 AR-1232-1	4.914	4.067	1141855	48656	22.684	1.337 #
12) L3 AR-1232-2	5.446f	4.800	2727575	1133058	99.609	31.070 #
13) L3 AR-1232-3	5.741f	4.981	2028470	1002187	43.701	50.071
14) L3 AR-1232-4	5.906f	5.066	717538	1008622	29.192	54.040 #
15) L3 AR-1232-5	5.999	5.232	1461797	887092	70.544	42.650 #
16) L4 AR-1242-1	5.720	4.780	1489117	1639246	23.301	32.379 #
17) L4 AR-1242-2	5.741	4.800	2028470	1133058	22.403	16.316 #
18) L4 AR-1242-3	5.809	4.981	468604	1002187	8.323	26.024 #
19) L4 AR-1242-4	5.906	5.066	717538	1008622	15.363	25.611 #
20) L4 AR-1242-5	6.653	5.592	4005278	2559887	79.634	52.331 #
21) L5 AR-1248-1	5.720	4.780	1489117	1639246	32.007	44.919 #
22) L5 AR-1248-2	5.999	5.021	1461797	1778516	21.083	34.024 #
23) L5 AR-1248-3	6.203	5.066	1634748	1008622	21.524	18.165
24) L5 AR-1248-4	6.614	5.232	1647213	887092	19.917	13.476 #
25) L5 AR-1248-5	6.653	5.633	4005278	909637	49.766	14.142 #
26) L6 AR-1254-1	6.585	5.592	2781580	2559887	32.594	25.879
27) L6 AR-1254-2	6.806	5.739	7168449	1284874	56.167	14.950 #
28) L6 AR-1254-3	7.182	6.146	5920172	3147595	44.541	21.961 #
29) L6 AR-1254-4	7.464	6.374	3547896	1406707	36.078	16.139 #
30) L6 AR-1254-5	7.887	6.795	6987754	2564616	64.496	20.238 #
31) L7 AR-1260-1	7.341	6.277	6675921	3268386	63.686	32.562 #
32) L7 AR-1260-2	7.590	6.468	10554018	3583675	87.291	30.038 #
33) L7 AR-1260-3	7.964	6.620	2541400	1651053	27.418	14.420 #
34) L7 AR-1260-4	8.191	7.094	2759798	882564	26.023	9.272 #
35) L7 AR-1260-5	8.529	7.336	3195214	2190087	16.511	10.106 #
36) L8 AR-1262-1	7.964	6.889	2541400	436094	20.374	8.144 #
37) L8 AR-1262-2	8.529	7.094	3195214	882564	15.253	7.483 #
38) L8 AR-1262-3	8.871	7.623	1572755	806834	10.392	8.750
39) L8 AR-1262-4	8.947	7.684	1924986	2398335	16.085	14.237
40) L8 AR-1262-5	9.648	8.188	1060647	511017	13.247	6.596 #
41) L9 AR-1268-1	8.871f	7.623	1572755	806834	5.928	2.968 #

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 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
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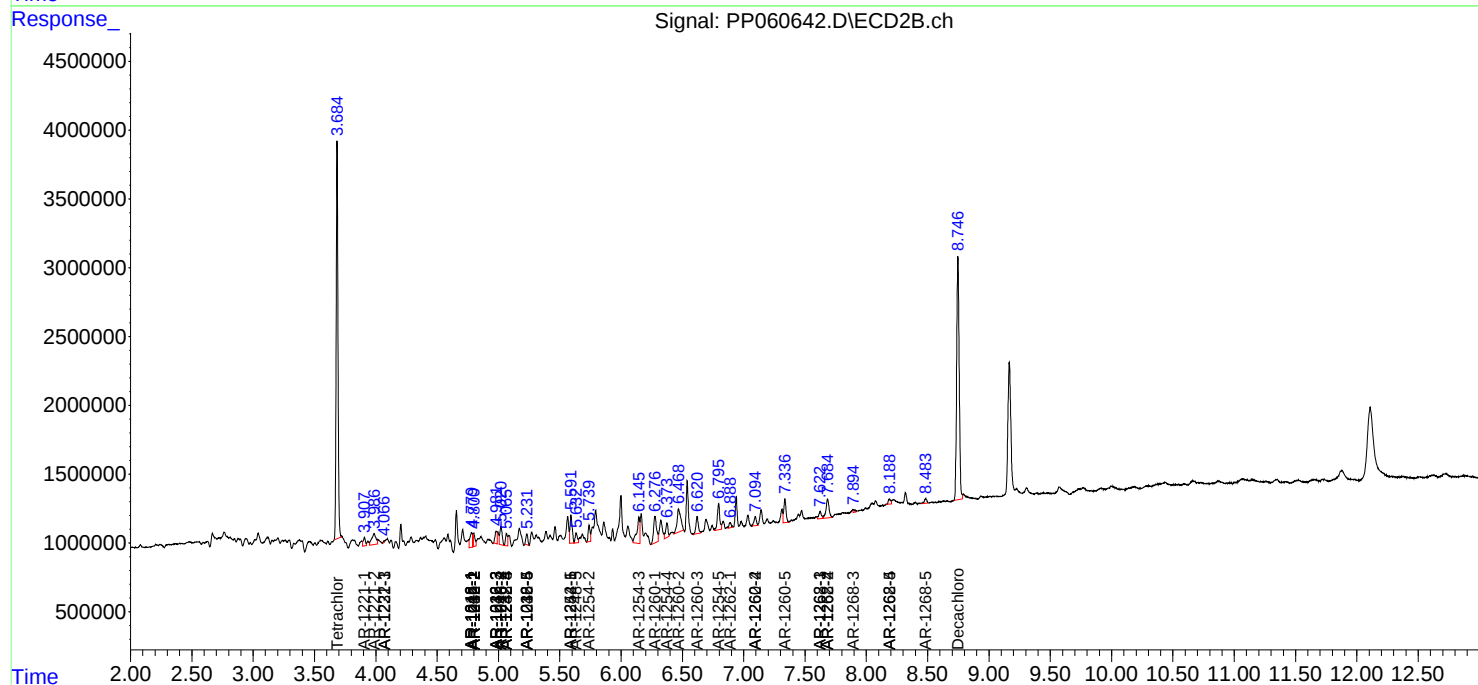
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

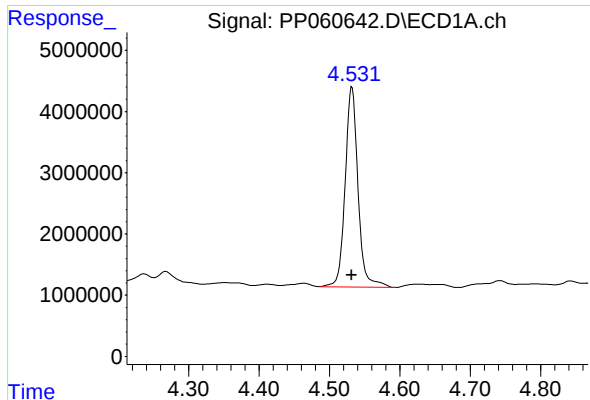
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.947	7.684	1924986	2398335	7.898	9.834
43) L9	AR-1268-3	0.000	7.895	0	203935	N.D.	0.953 #
44) L9	AR-1268-4	9.648	8.188	1060647	511017	11.481	5.824 #
45) L9	AR-1268-5	0.000	8.483	0	474051	N.D.	0.758 #

(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

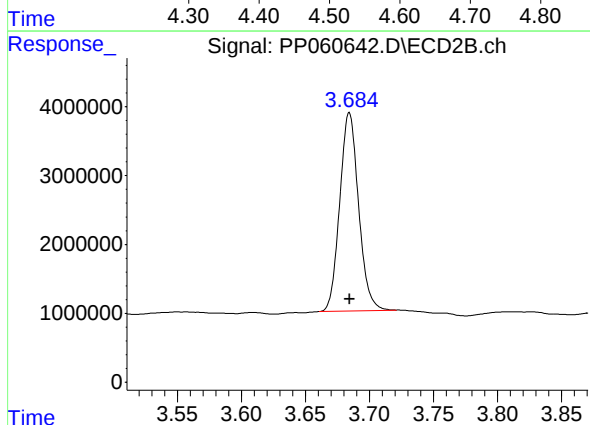




#1 Tetrachloro-m-xylene

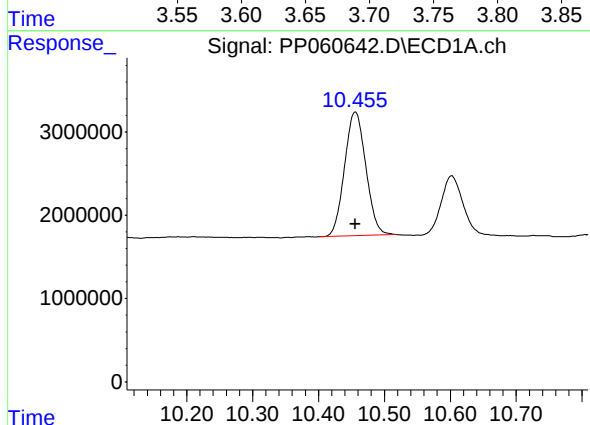
R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 41488160
Conc: 18.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



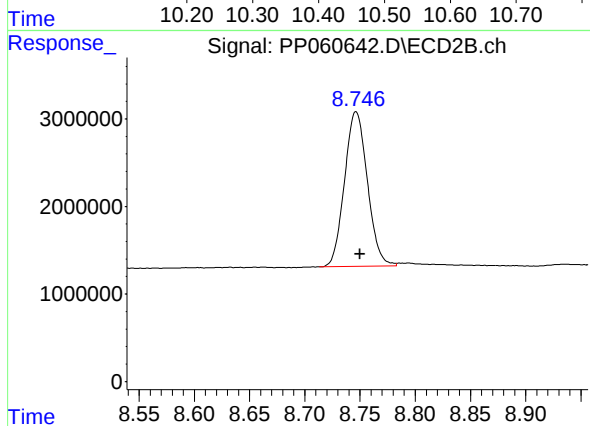
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 29464571
Conc: 19.79 ng/ml



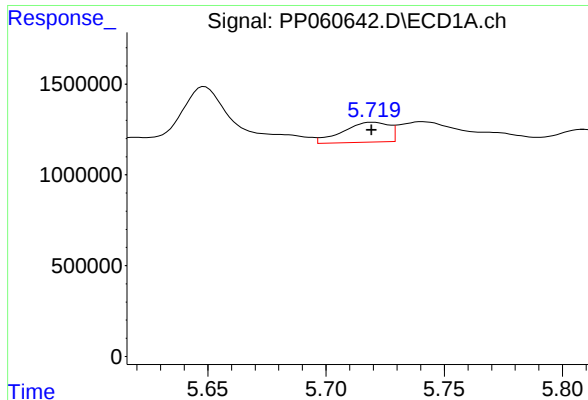
#2 Decachlorobiphenyl

R.T.: 10.456 min
Delta R.T.: 0.000 min
Response: 33341008
Conc: 18.88 ng/ml



#2 Decachlorobiphenyl

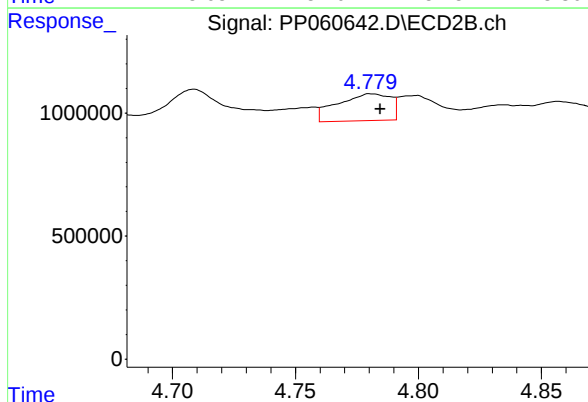
R.T.: 8.746 min
Delta R.T.: -0.004 min
Response: 25530461
Conc: 15.65 ng/ml



#3 AR-1016-1

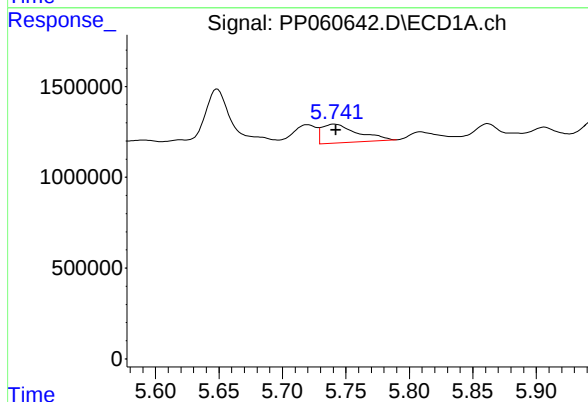
R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 1489117
Conc: 20.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



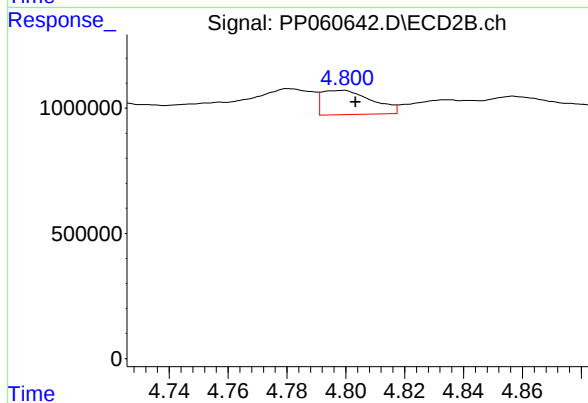
#3 AR-1016-1

R.T.: 4.780 min
Delta R.T.: -0.004 min
Response: 1639246
Conc: 28.21 ng/ml



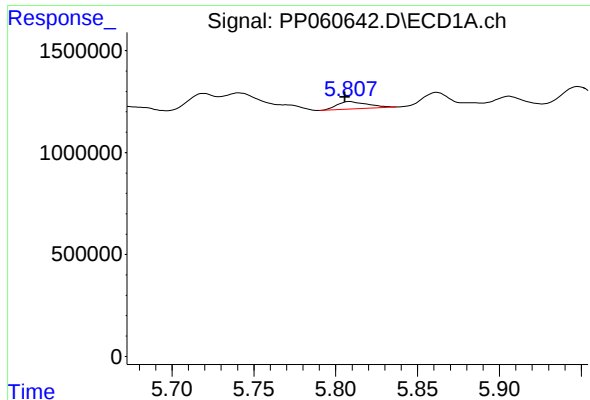
#4 AR-1016-2

R.T.: 5.741 min
Delta R.T.: -0.001 min
Response: 2028470
Conc: 19.37 ng/ml



#4 AR-1016-2

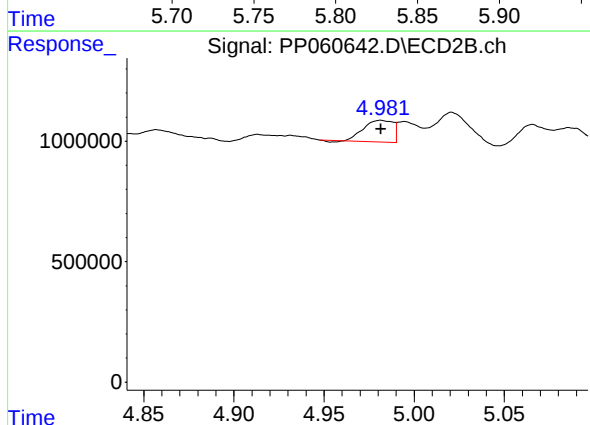
R.T.: 4.800 min
Delta R.T.: -0.004 min
Response: 1133058
Conc: 14.07 ng/ml



#5 AR-1016-3

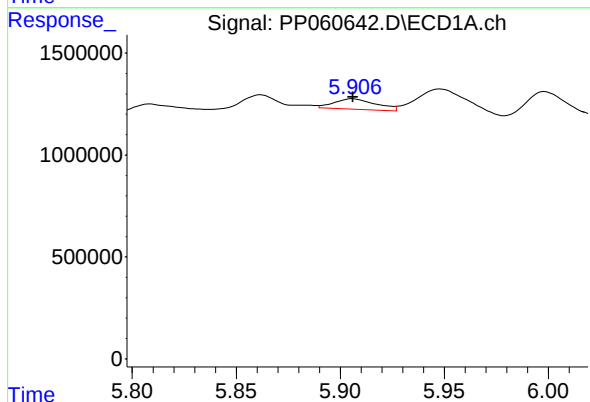
R.T.: 5.809 min
Delta R.T.: 0.003 min
Response: 468604
Conc: 7.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



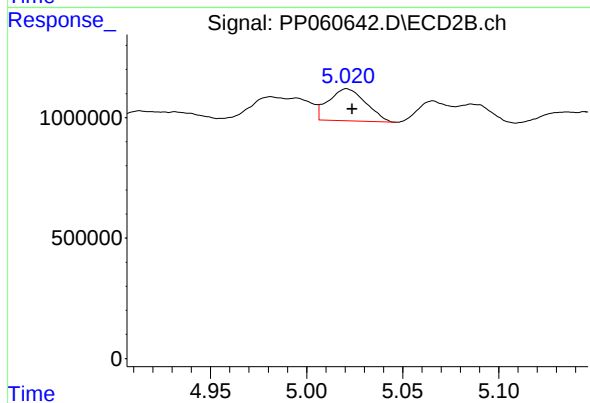
#5 AR-1016-3

R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 1002187
Conc: 22.42 ng/ml



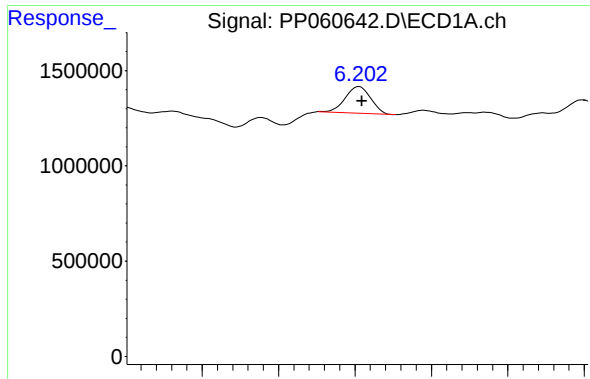
#6 AR-1016-4

R.T.: 5.906 min
Delta R.T.: 0.000 min
Response: 717538
Conc: 13.20 ng/ml



#6 AR-1016-4

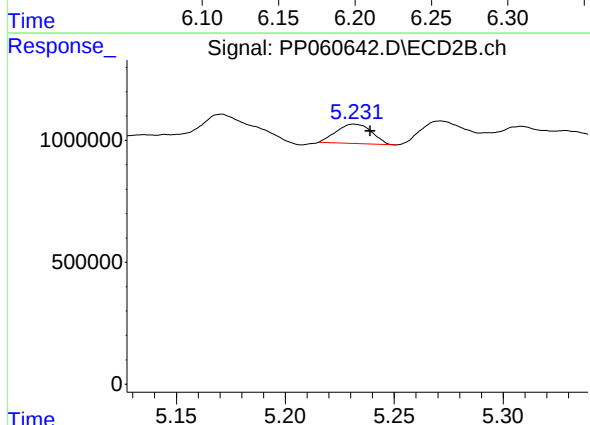
R.T.: 5.021 min
Delta R.T.: -0.003 min
Response: 1778516
Conc: 49.43 ng/ml



#7 AR-1016-5

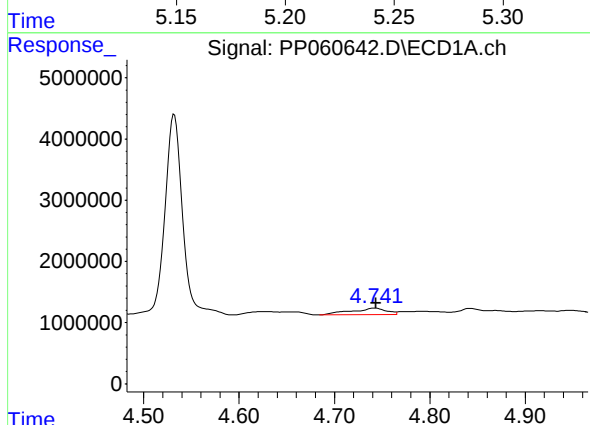
R.T.: 6.203 min
Delta R.T.: -0.002 min
Response: 1634748
Conc: 29.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



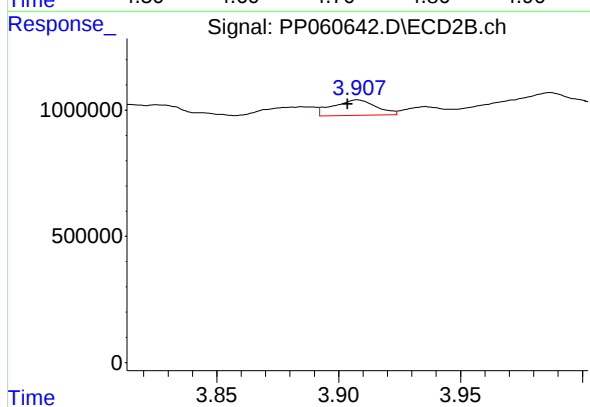
#7 AR-1016-5

R.T.: 5.232 min
Delta R.T.: -0.007 min
Response: 887092
Conc: 18.26 ng/ml



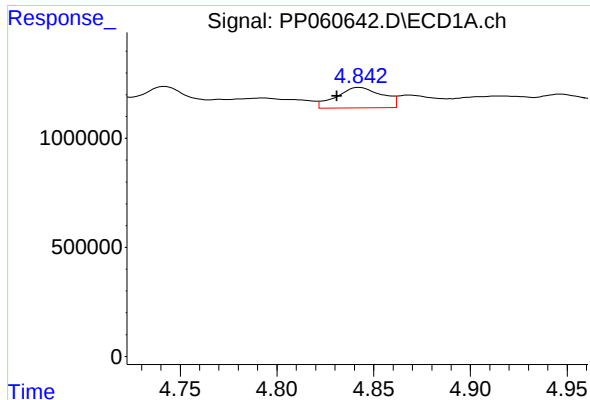
#8 AR-1221-1

R.T.: 4.742 min
Delta R.T.: -0.001 min
Response: 2756966
Conc: 95.44 ng/ml



#8 AR-1221-1

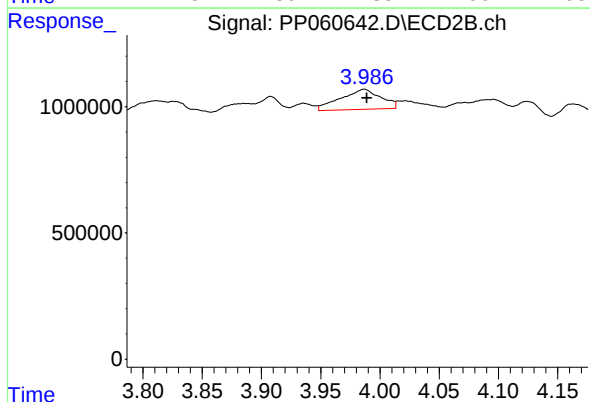
R.T.: 3.908 min
Delta R.T.: 0.004 min
Response: 757452
Conc: 36.26 ng/ml



#9 AR-1221-2

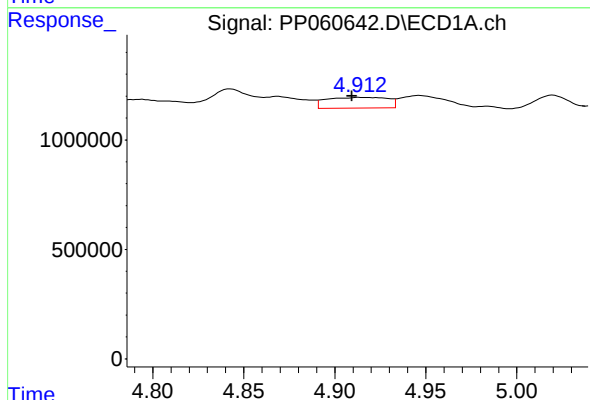
R.T.: 4.843 min
Delta R.T.: 0.012 min
Response: 1544177
Conc: 72.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



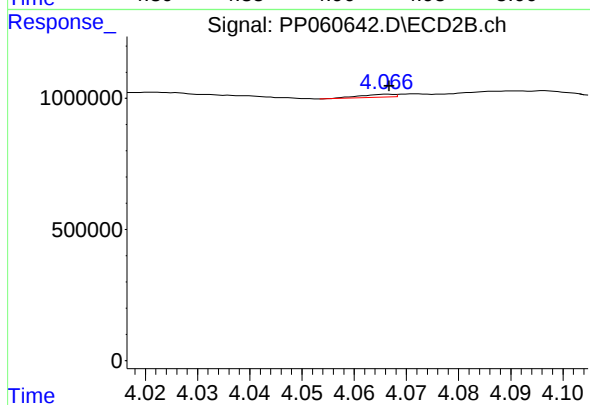
#9 AR-1221-2

R.T.: 3.987 min
Delta R.T.: -0.003 min
Response: 1893820
Conc: 127.01 ng/ml



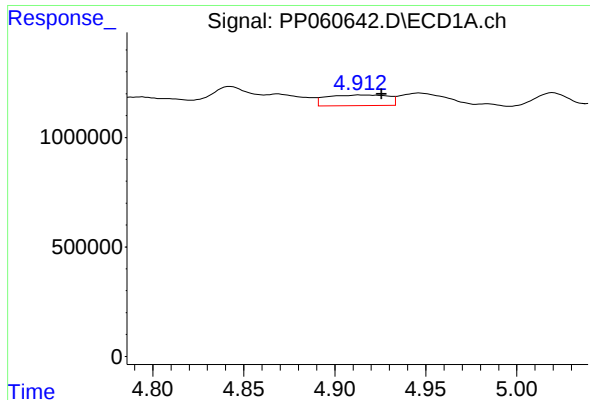
#10 AR-1221-3

R.T.: 4.914 min
Delta R.T.: 0.004 min
Response: 1141855
Conc: 18.80 ng/ml



#10 AR-1221-3

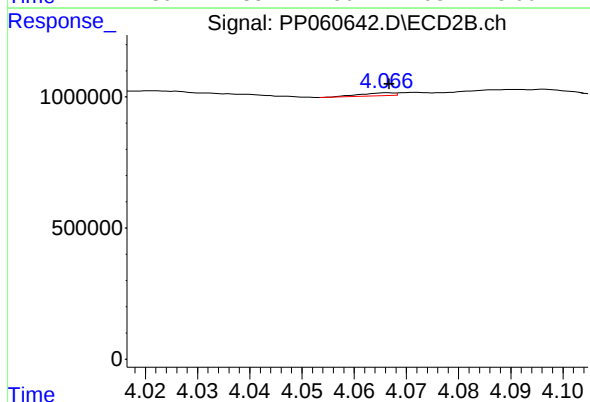
R.T.: 4.067 min
Delta R.T.: 0.000 min
Response: 48656
Conc: 1.11 ng/ml



#11 AR-1232-1

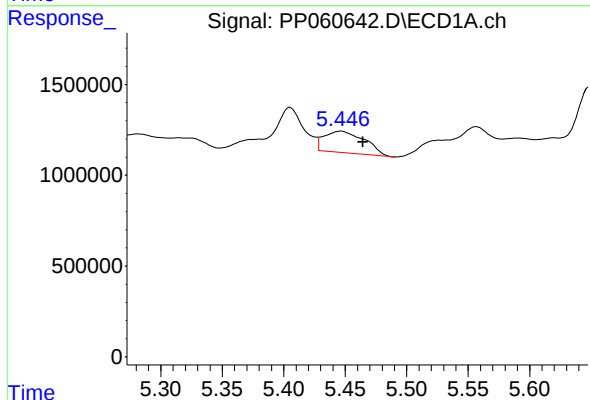
R.T.: 4.914 min
Delta R.T.: -0.012 min
Response: 1141855
Conc: 22.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



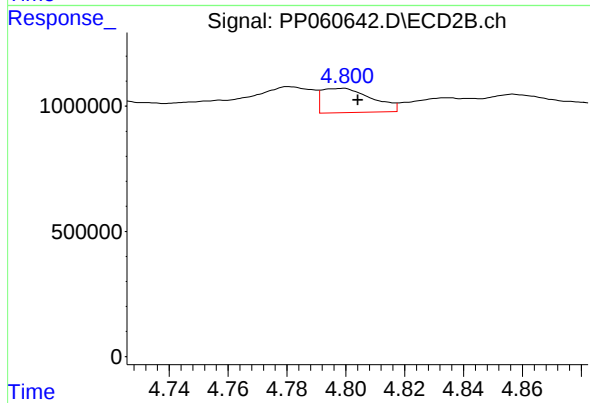
#11 AR-1232-1

R.T.: 4.067 min
Delta R.T.: 0.000 min
Response: 48656
Conc: 1.34 ng/ml



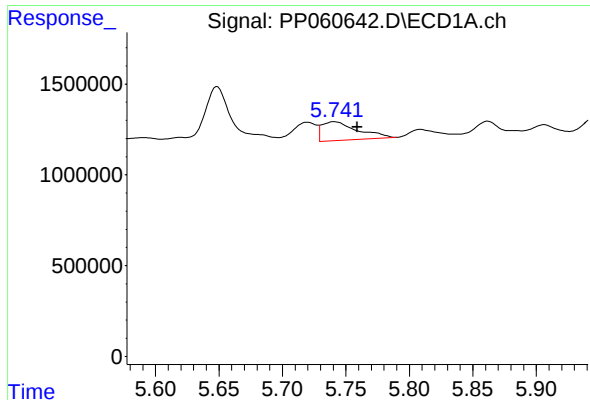
#12 AR-1232-2

R.T.: 5.446 min
Delta R.T.: -0.018 min
Response: 2727575
Conc: 99.61 ng/ml



#12 AR-1232-2

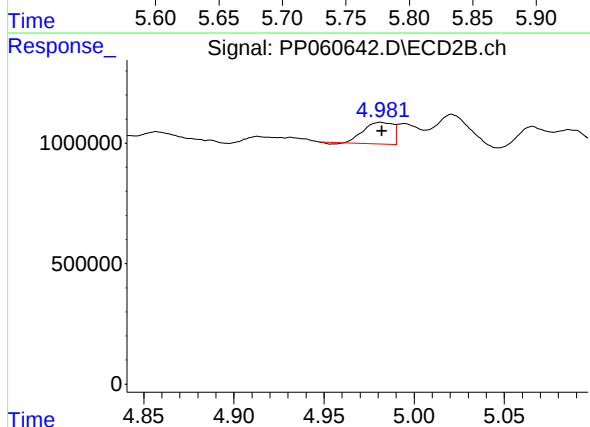
R.T.: 4.800 min
Delta R.T.: -0.005 min
Response: 1133058
Conc: 31.07 ng/ml



#13 AR-1232-3

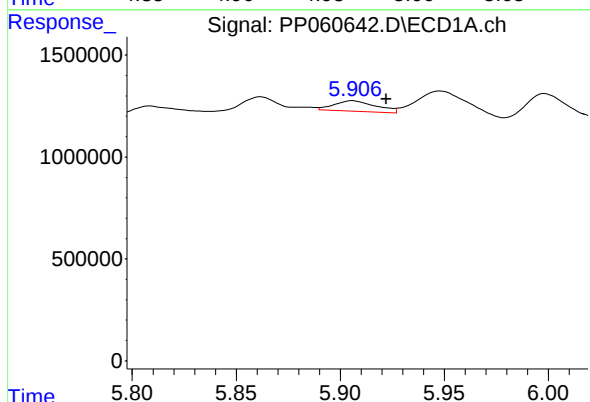
R.T.: 5.741 min
Delta R.T.: -0.018 min
Response: 2028470
Conc: 43.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



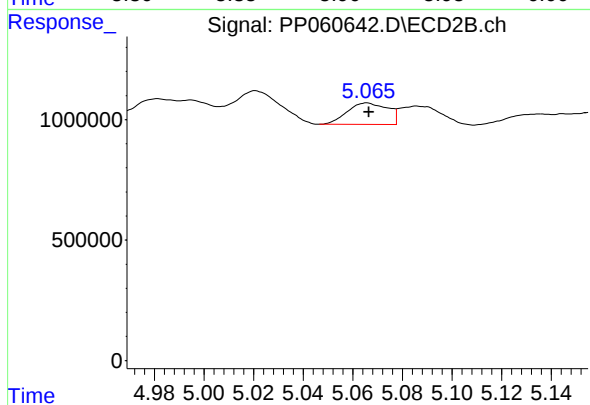
#13 AR-1232-3

R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 1002187
Conc: 50.07 ng/ml



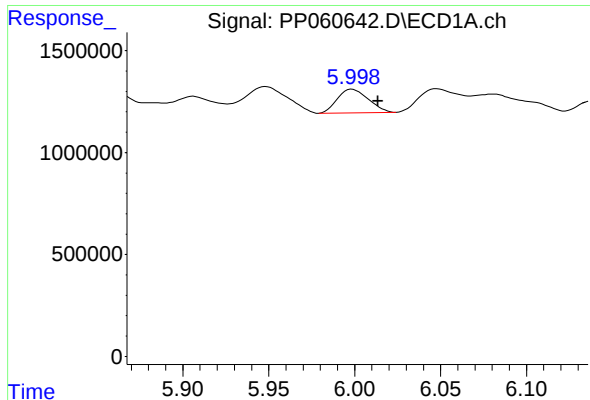
#14 AR-1232-4

R.T.: 5.906 min
Delta R.T.: -0.016 min
Response: 717538
Conc: 29.19 ng/ml



#14 AR-1232-4

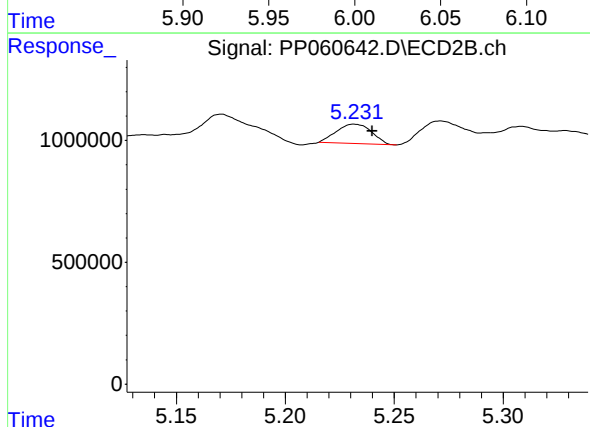
R.T.: 5.066 min
Delta R.T.: 0.000 min
Response: 1008622
Conc: 54.04 ng/ml



#15 AR-1232-5

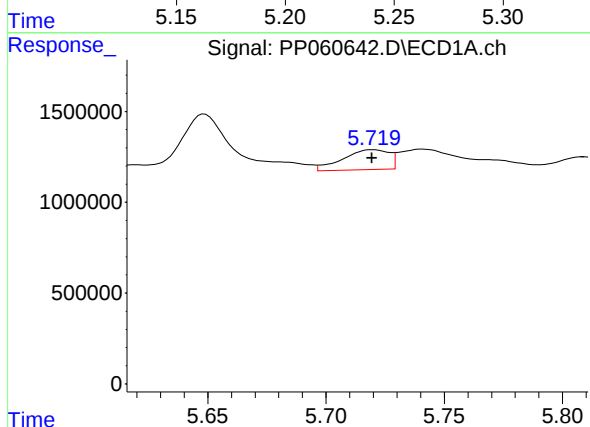
R.T.: 5.999 min
Delta R.T.: -0.015 min
Response: 1461797
Conc: 70.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



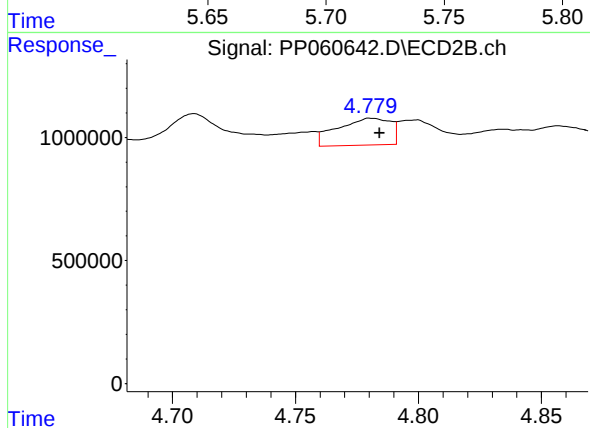
#15 AR-1232-5

R.T.: 5.232 min
Delta R.T.: -0.008 min
Response: 887092
Conc: 42.65 ng/ml



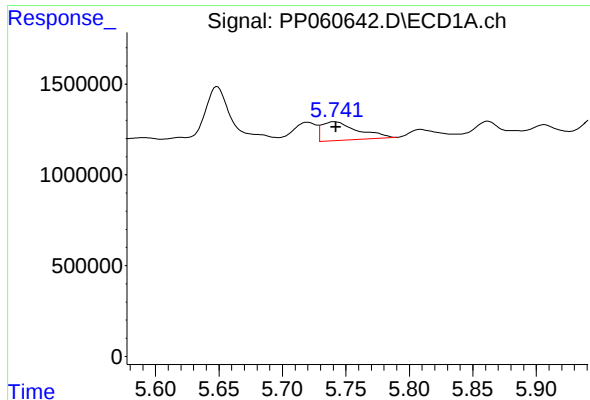
#16 AR-1242-1

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 1489117
Conc: 23.30 ng/ml



#16 AR-1242-1

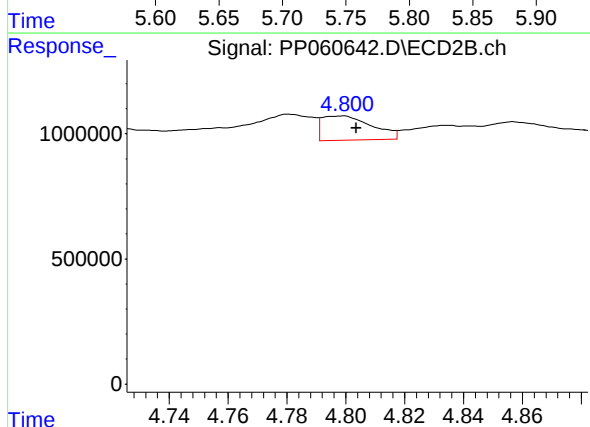
R.T.: 4.780 min
Delta R.T.: -0.004 min
Response: 1639246
Conc: 32.38 ng/ml



#17 AR-1242-2

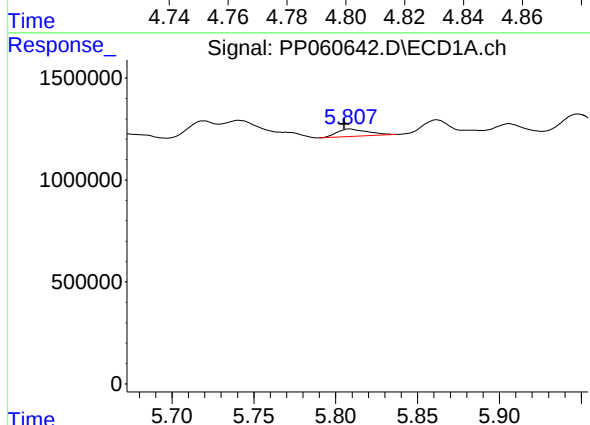
R.T.: 5.741 min
Delta R.T.: 0.000 min
Response: 2028470
Conc: 22.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



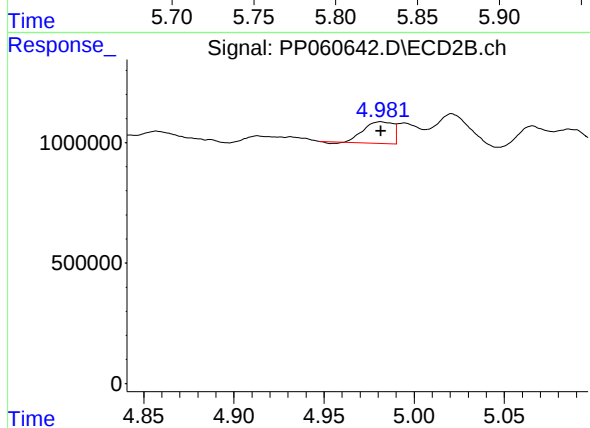
#17 AR-1242-2

R.T.: 4.800 min
Delta R.T.: -0.004 min
Response: 1133058
Conc: 16.32 ng/ml



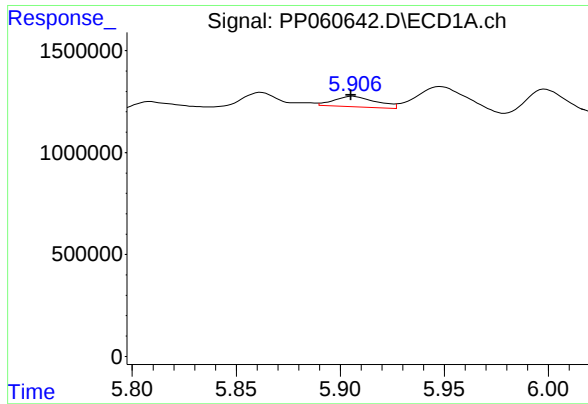
#18 AR-1242-3

R.T.: 5.809 min
Delta R.T.: 0.004 min
Response: 468604
Conc: 8.32 ng/ml



#18 AR-1242-3

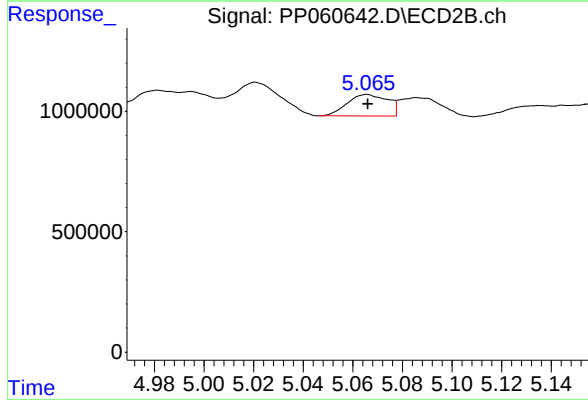
R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 1002187
Conc: 26.02 ng/ml



#19 AR-1242-4

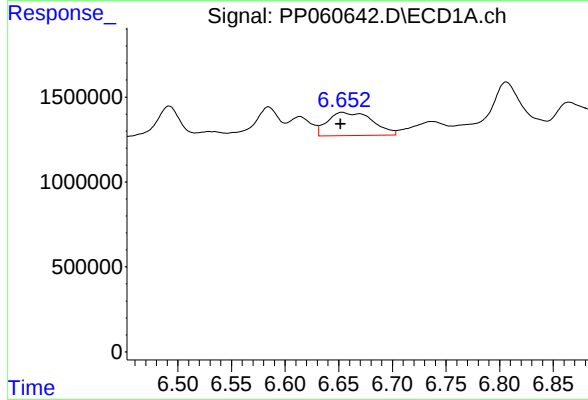
R.T.: 5.906 min
Delta R.T.: 0.000 min
Response: 717538
Conc: 15.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



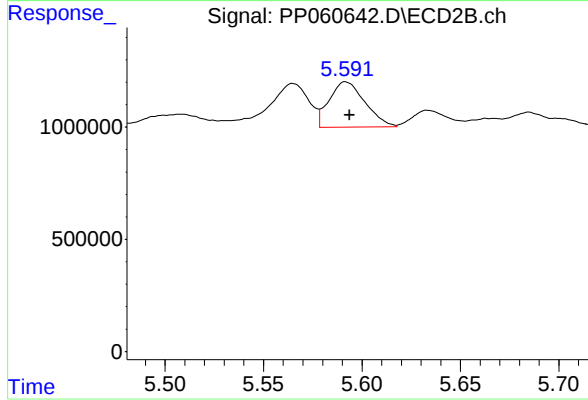
#19 AR-1242-4

R.T.: 5.066 min
Delta R.T.: 0.000 min
Response: 1008622
Conc: 25.61 ng/ml



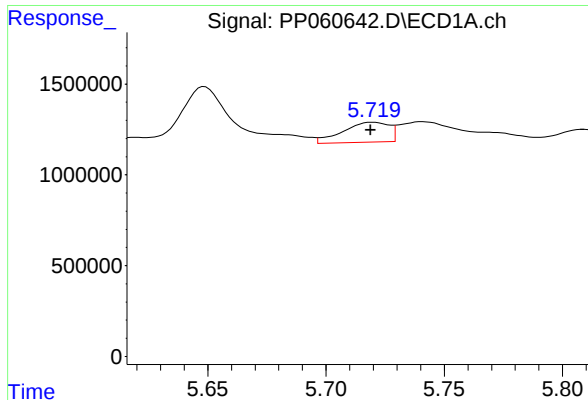
#20 AR-1242-5

R.T.: 6.653 min
Delta R.T.: 0.002 min
Response: 4005278
Conc: 79.63 ng/ml



#20 AR-1242-5

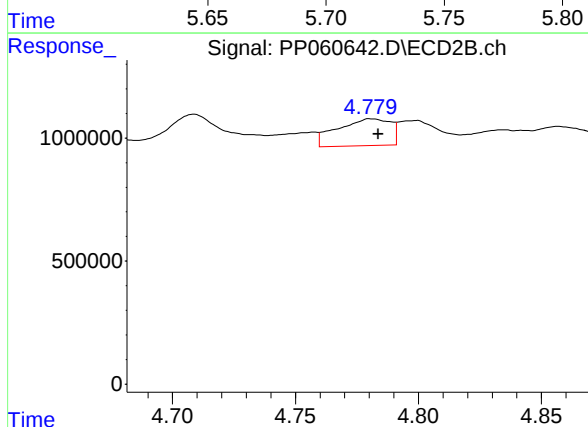
R.T.: 5.592 min
Delta R.T.: -0.002 min
Response: 2559887
Conc: 52.33 ng/ml



#21 AR-1248-1

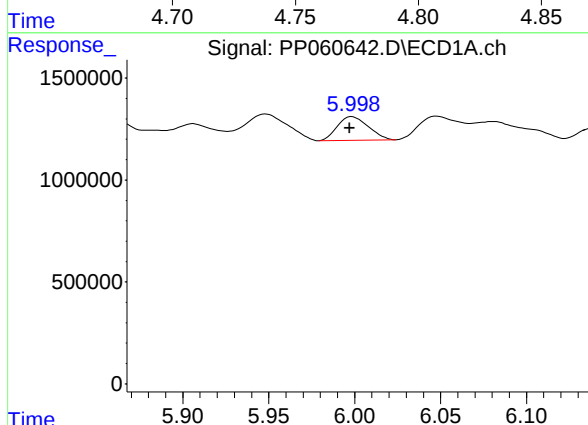
R.T.: 5.720 min
Delta R.T.: 0.001 min
Response: 1489117
Conc: 32.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



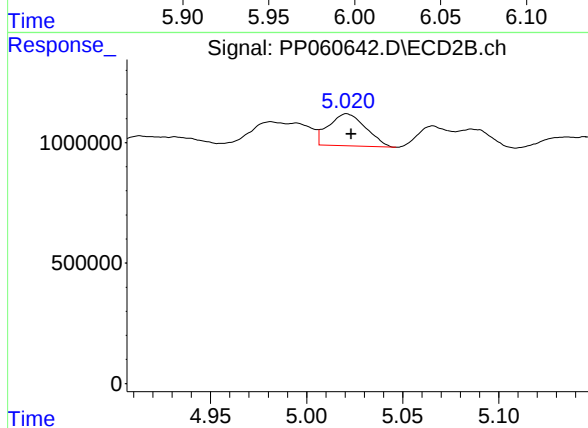
#21 AR-1248-1

R.T.: 4.780 min
Delta R.T.: -0.003 min
Response: 1639246
Conc: 44.92 ng/ml



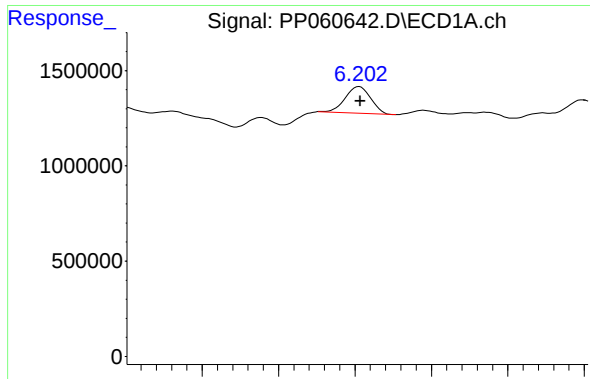
#22 AR-1248-2

R.T.: 5.999 min
Delta R.T.: 0.002 min
Response: 1461797
Conc: 21.08 ng/ml



#22 AR-1248-2

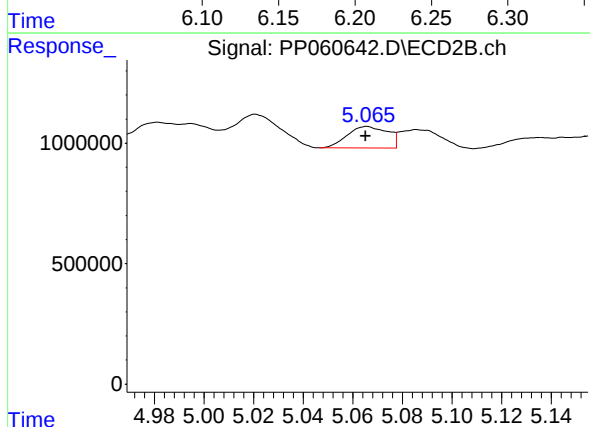
R.T.: 5.021 min
Delta R.T.: -0.003 min
Response: 1778516
Conc: 34.02 ng/ml



#23 AR-1248-3

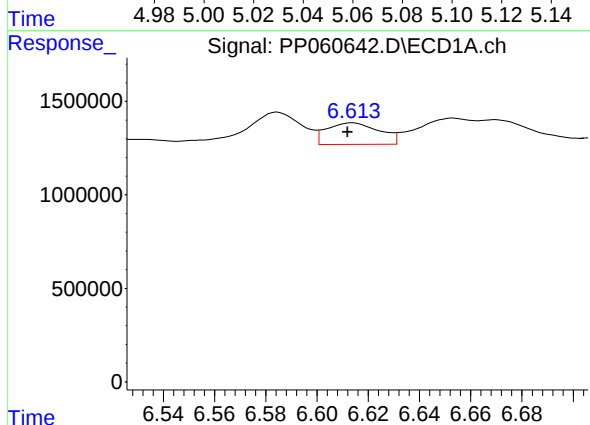
R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 1634748
Conc: 21.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



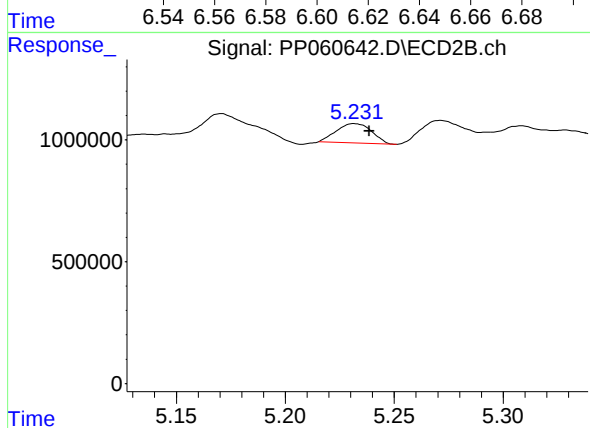
#23 AR-1248-3

R.T.: 5.066 min
Delta R.T.: 0.000 min
Response: 1008622
Conc: 18.17 ng/ml



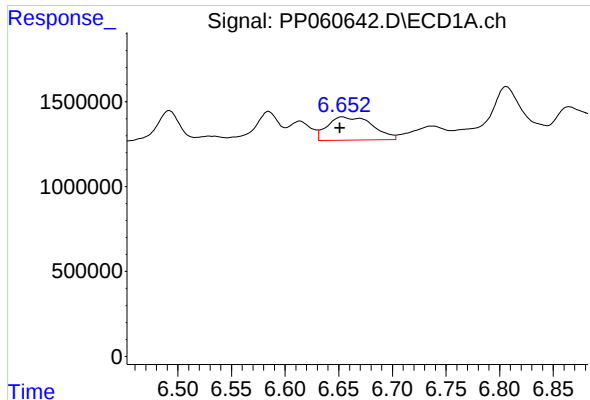
#24 AR-1248-4

R.T.: 6.614 min
Delta R.T.: 0.002 min
Response: 1647213
Conc: 19.92 ng/ml



#24 AR-1248-4

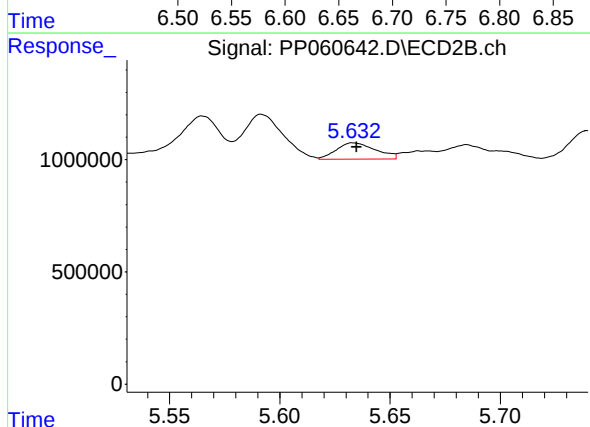
R.T.: 5.232 min
Delta R.T.: -0.007 min
Response: 887092
Conc: 13.48 ng/ml



#25 AR-1248-5

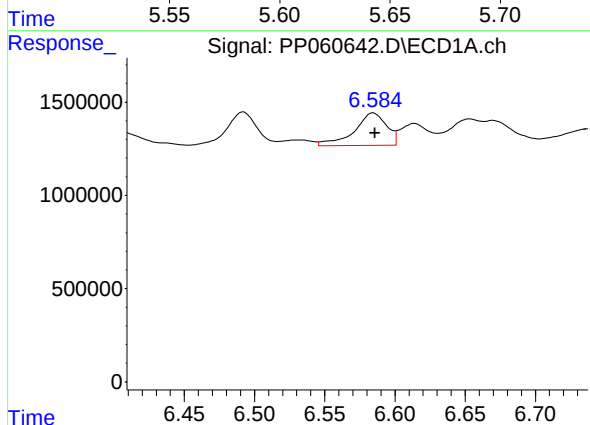
R.T.: 6.653 min
Delta R.T.: 0.002 min
Response: 4005278
Conc: 49.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



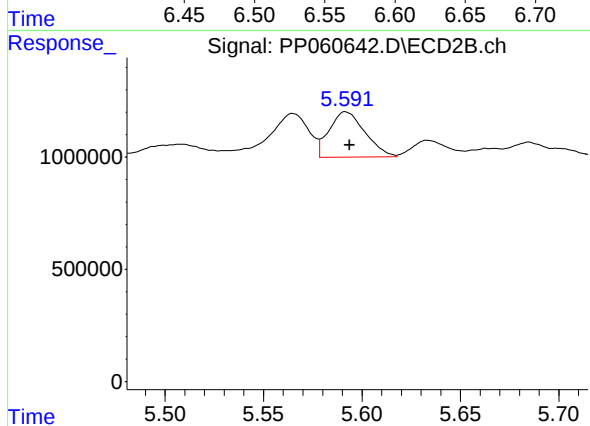
#25 AR-1248-5

R.T.: 5.633 min
Delta R.T.: -0.002 min
Response: 909637
Conc: 14.14 ng/ml



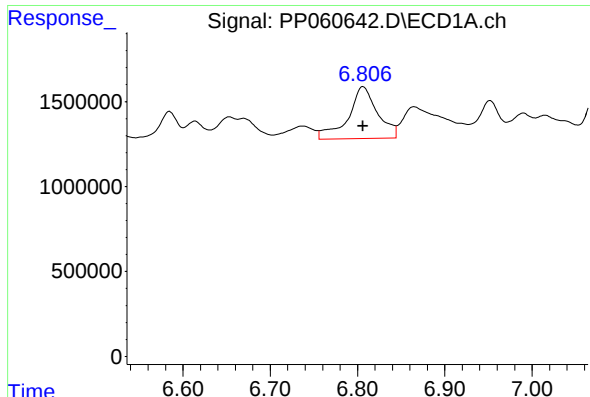
#26 AR-1254-1

R.T.: 6.585 min
Delta R.T.: -0.001 min
Response: 2781580
Conc: 32.59 ng/ml



#26 AR-1254-1

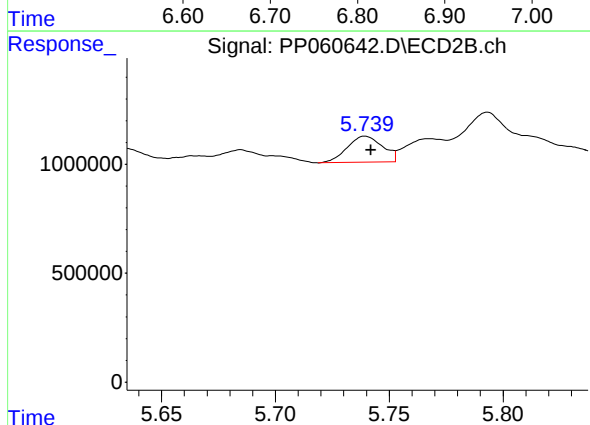
R.T.: 5.592 min
Delta R.T.: -0.002 min
Response: 2559887
Conc: 25.88 ng/ml



#27 AR-1254-2

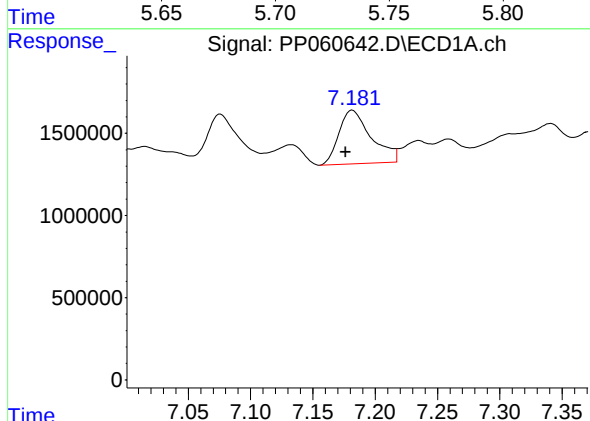
R.T.: 6.806 min
Delta R.T.: 0.000 min
Response: 7168449
Conc: 56.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



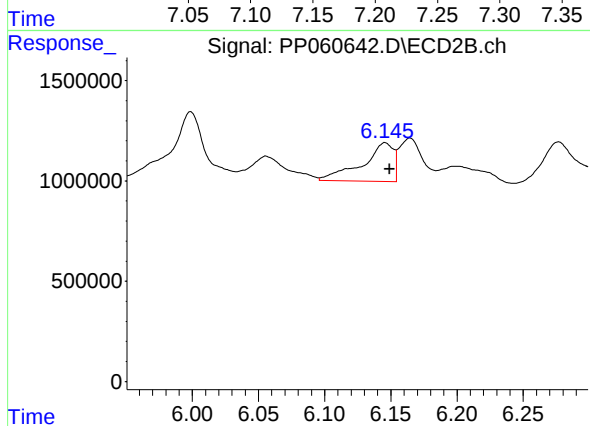
#27 AR-1254-2

R.T.: 5.739 min
Delta R.T.: -0.003 min
Response: 1284874
Conc: 14.95 ng/ml



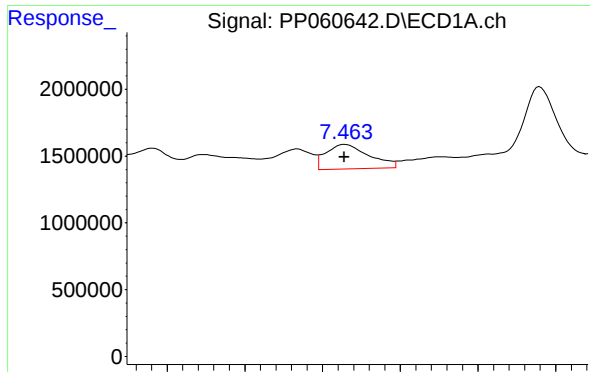
#28 AR-1254-3

R.T.: 7.182 min
Delta R.T.: 0.005 min
Response: 5920172
Conc: 44.54 ng/ml



#28 AR-1254-3

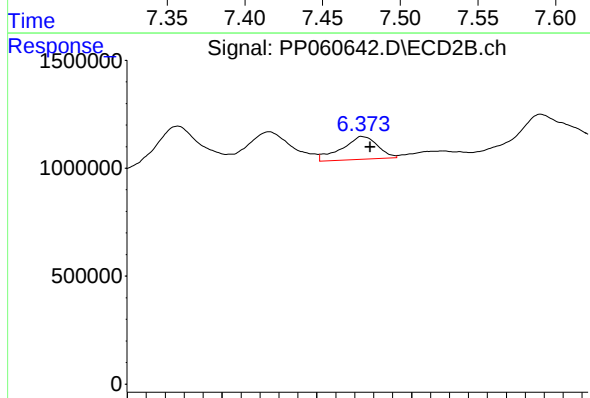
R.T.: 6.146 min
Delta R.T.: -0.004 min
Response: 3147595
Conc: 21.96 ng/ml



#29 AR-1254-4

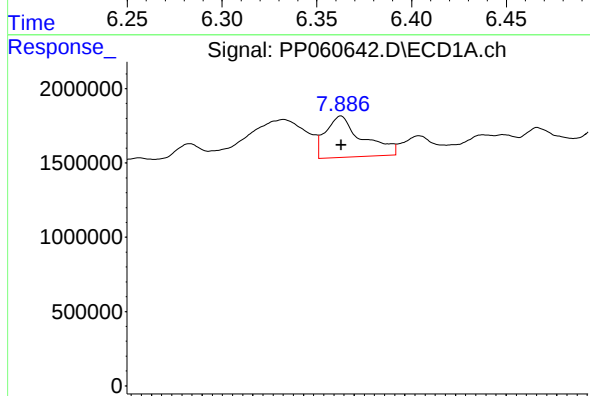
R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 3547896
Conc: 36.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



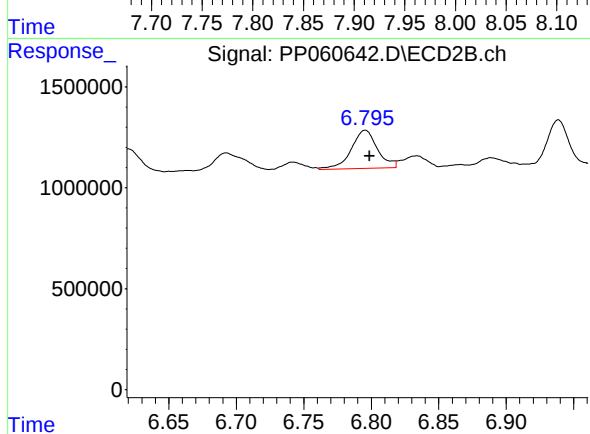
#29 AR-1254-4

R.T.: 6.374 min
Delta R.T.: -0.004 min
Response: 1406707
Conc: 16.14 ng/ml



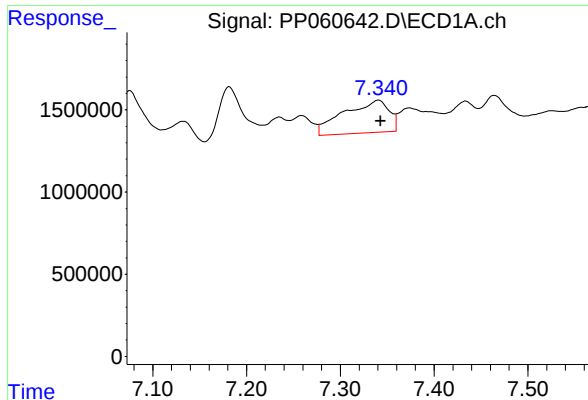
#30 AR-1254-5

R.T.: 7.887 min
Delta R.T.: 0.000 min
Response: 6987754
Conc: 64.50 ng/ml



#30 AR-1254-5

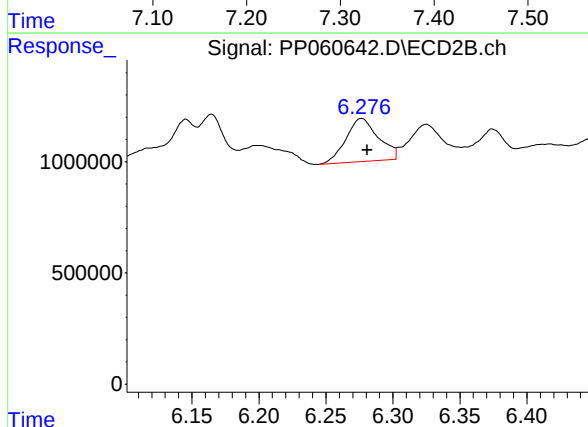
R.T.: 6.795 min
Delta R.T.: -0.003 min
Response: 2564616
Conc: 20.24 ng/ml



#31 AR-1260-1

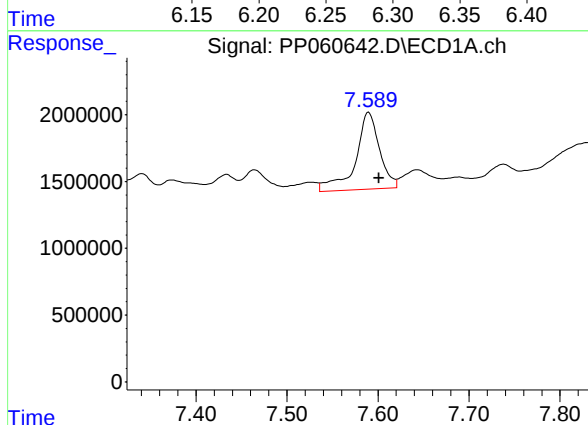
R.T.: 7.341 min
Delta R.T.: -0.002 min
Response: 6675921
Conc: 63.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



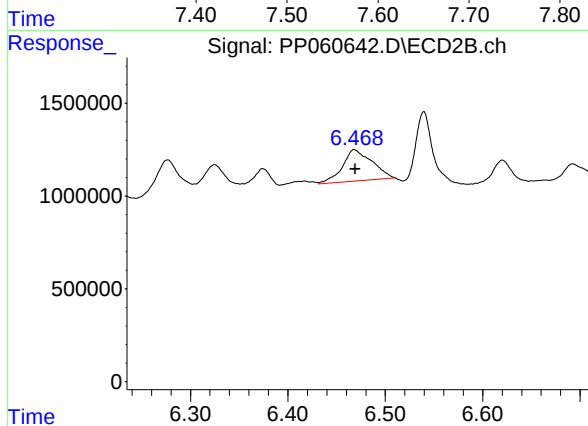
#31 AR-1260-1

R.T.: 6.277 min
Delta R.T.: -0.004 min
Response: 3268386
Conc: 32.56 ng/ml



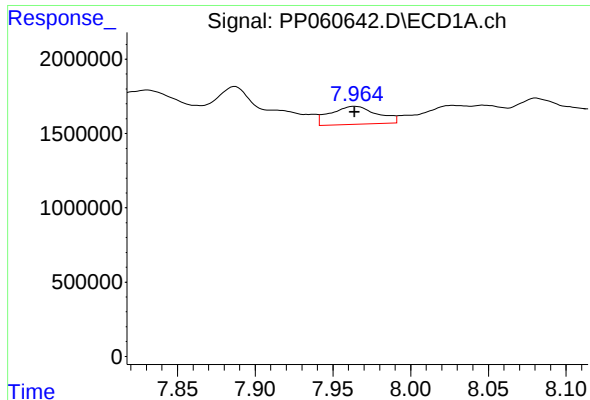
#32 AR-1260-2

R.T.: 7.590 min
Delta R.T.: -0.011 min
Response: 10554018
Conc: 87.29 ng/ml



#32 AR-1260-2

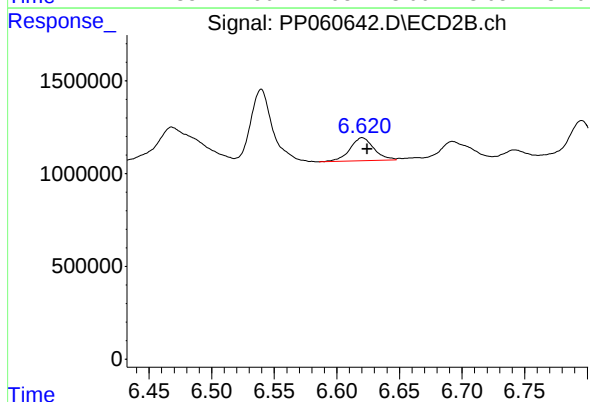
R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 3583675
Conc: 30.04 ng/ml



#33 AR-1260-3

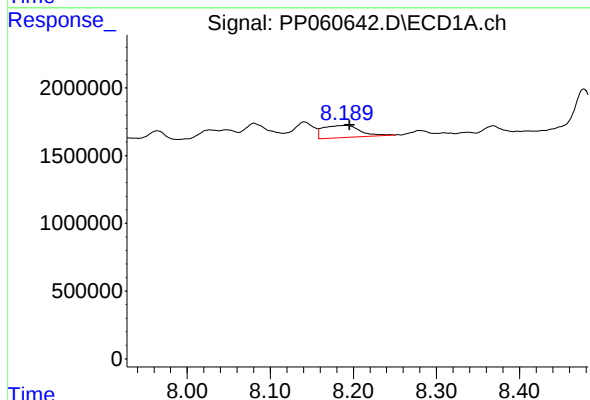
R.T.: 7.964 min
Delta R.T.: 0.000 min
Response: 2541400
Conc: 27.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



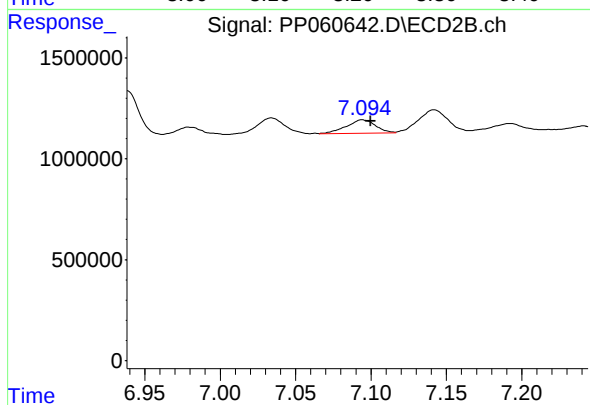
#33 AR-1260-3

R.T.: 6.620 min
Delta R.T.: -0.004 min
Response: 1651053
Conc: 14.42 ng/ml



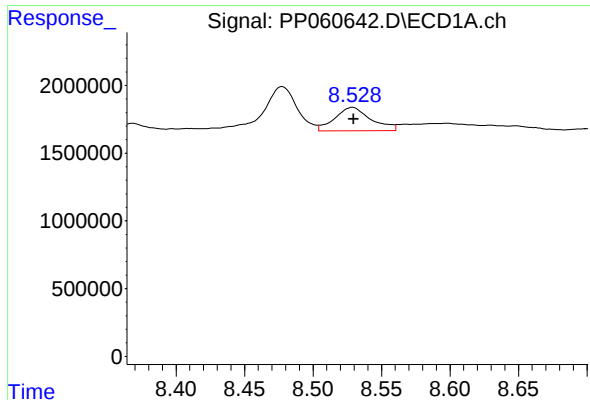
#34 AR-1260-4

R.T.: 8.191 min
Delta R.T.: -0.005 min
Response: 2759798
Conc: 26.02 ng/ml



#34 AR-1260-4

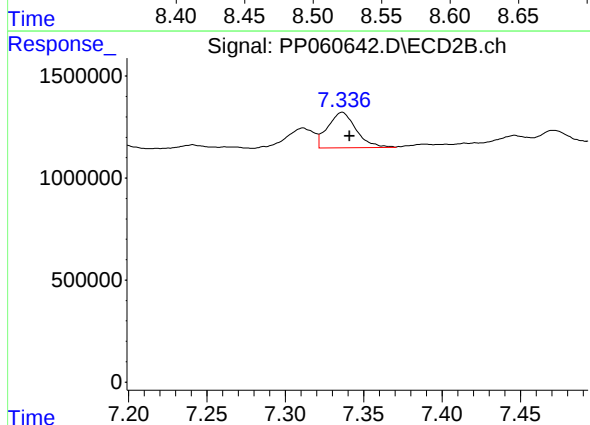
R.T.: 7.094 min
Delta R.T.: -0.005 min
Response: 882564
Conc: 9.27 ng/ml



#35 AR-1260-5

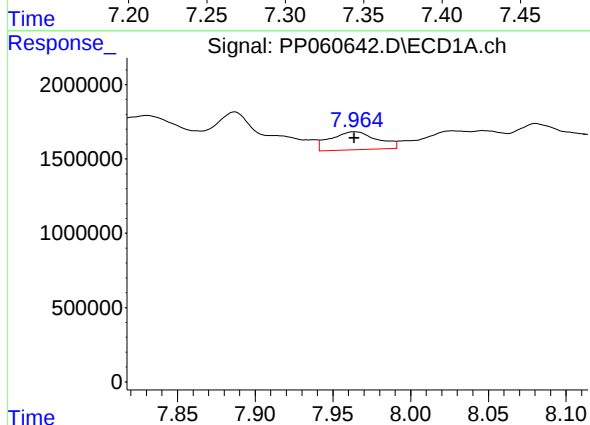
R.T.: 8.529 min
Delta R.T.: 0.000 min
Response: 3195214
Conc: 16.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



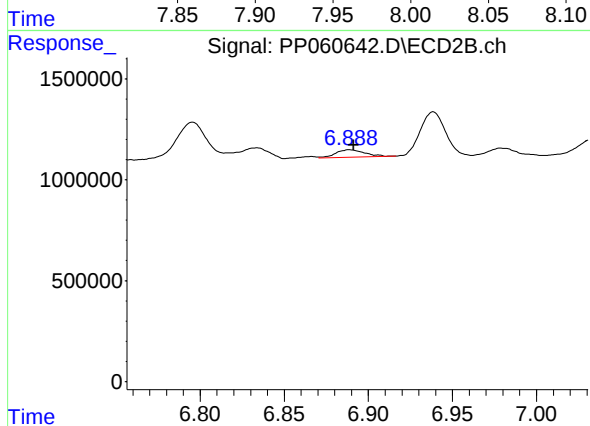
#35 AR-1260-5

R.T.: 7.336 min
Delta R.T.: -0.005 min
Response: 2190087
Conc: 10.11 ng/ml



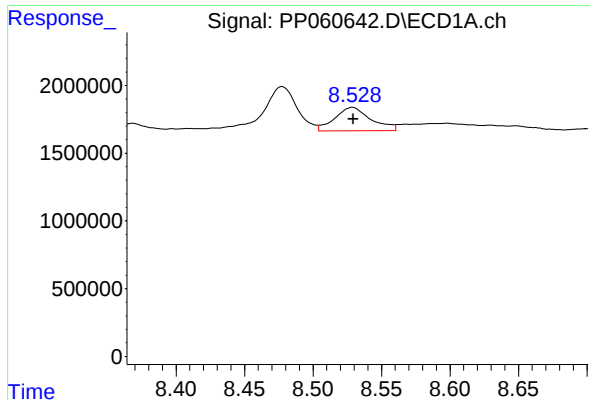
#36 AR-1262-1

R.T.: 7.964 min
Delta R.T.: 0.000 min
Response: 2541400
Conc: 20.37 ng/ml



#36 AR-1262-1

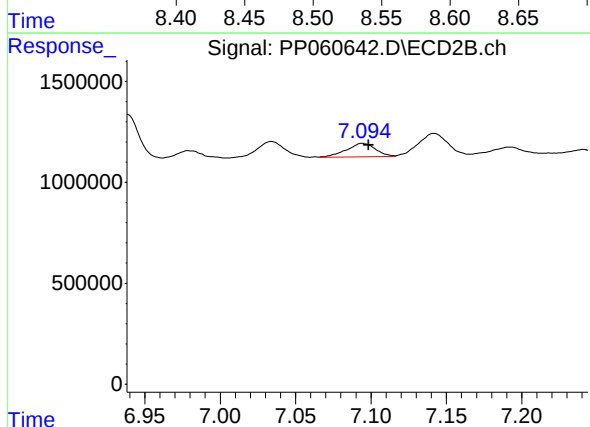
R.T.: 6.889 min
Delta R.T.: -0.003 min
Response: 436094
Conc: 8.14 ng/ml



#37 AR-1262-2

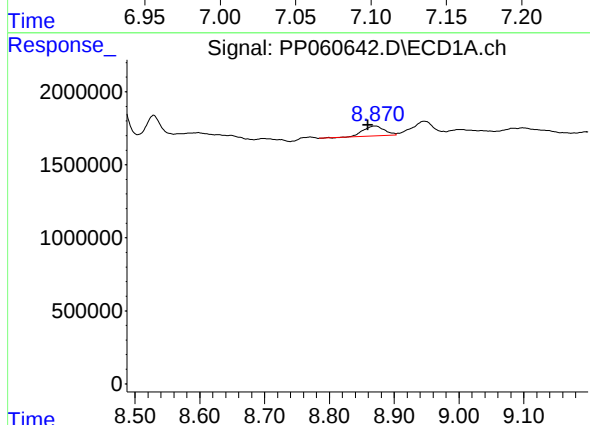
R.T.: 8.529 min
Delta R.T.: 0.000 min
Response: 3195214
Conc: 15.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



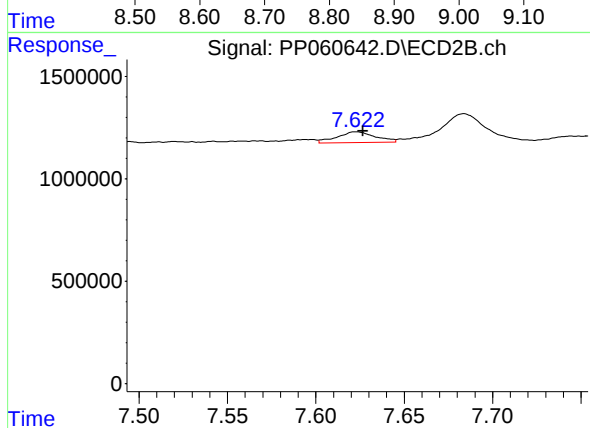
#37 AR-1262-2

R.T.: 7.094 min
Delta R.T.: -0.004 min
Response: 882564
Conc: 7.48 ng/ml



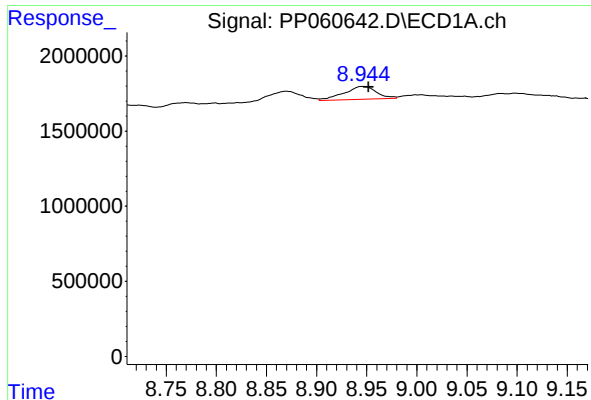
#38 AR-1262-3

R.T.: 8.871 min
Delta R.T.: 0.011 min
Response: 1572755
Conc: 10.39 ng/ml



#38 AR-1262-3

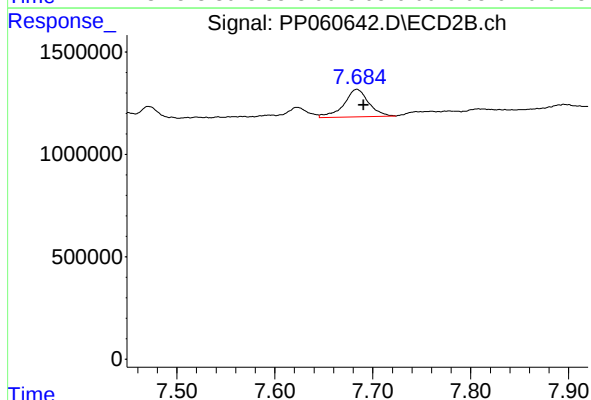
R.T.: 7.623 min
Delta R.T.: -0.004 min
Response: 806834
Conc: 8.75 ng/ml



#39 AR-1262-4

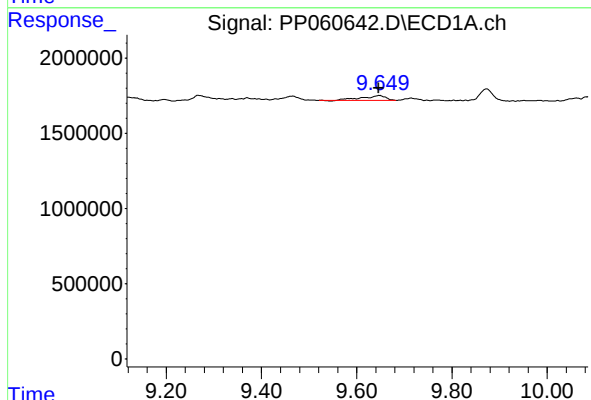
R.T.: 8.947 min
Delta R.T.: -0.005 min
Response: 1924986
Conc: 16.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



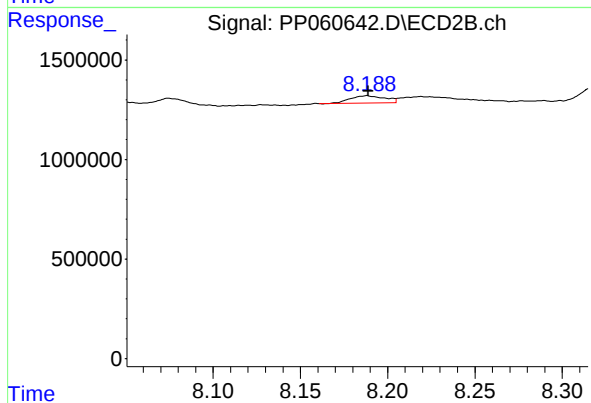
#39 AR-1262-4

R.T.: 7.684 min
Delta R.T.: -0.007 min
Response: 2398335
Conc: 14.24 ng/ml



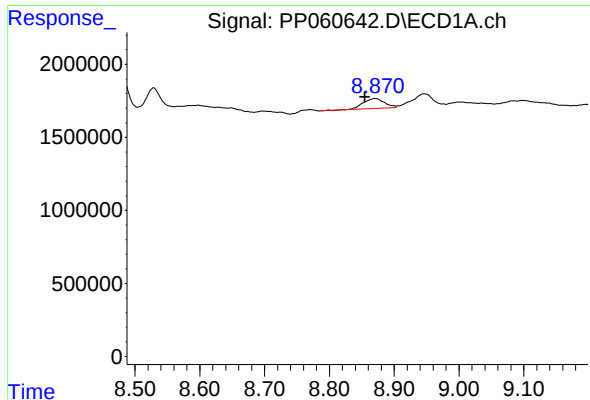
#40 AR-1262-5

R.T.: 9.648 min
Delta R.T.: 0.002 min
Response: 1060647
Conc: 13.25 ng/ml



#40 AR-1262-5

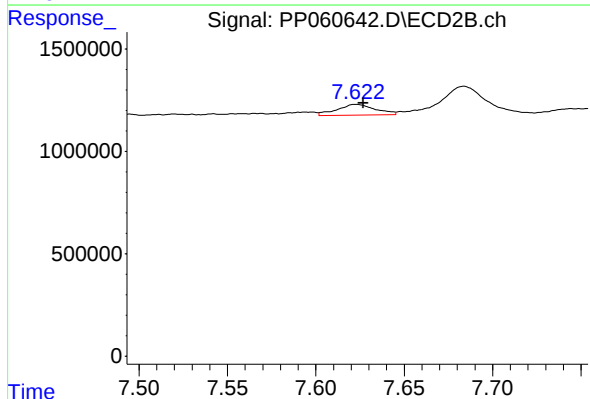
R.T.: 8.188 min
Delta R.T.: 0.000 min
Response: 511017
Conc: 6.60 ng/ml



#41 AR-1268-1

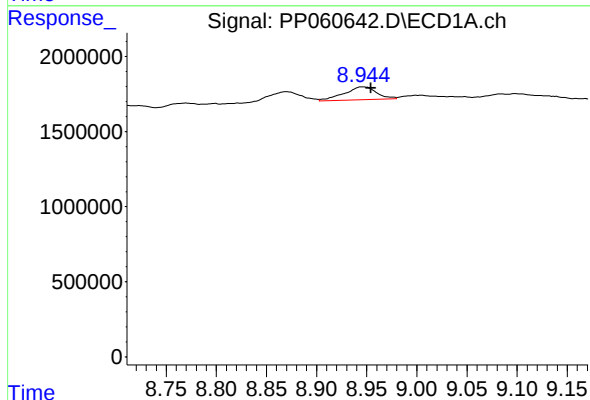
R.T.: 8.871 min
Delta R.T.: 0.016 min
Response: 1572755
Conc: 5.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



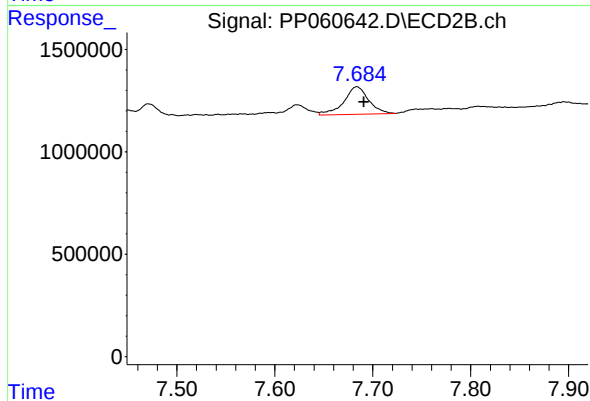
#41 AR-1268-1

R.T.: 7.623 min
Delta R.T.: -0.004 min
Response: 806834
Conc: 2.97 ng/ml



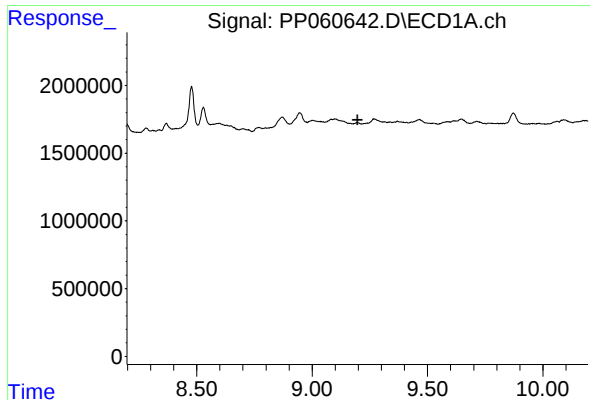
#42 AR-1268-2

R.T.: 8.947 min
Delta R.T.: -0.008 min
Response: 1924986
Conc: 7.90 ng/ml



#42 AR-1268-2

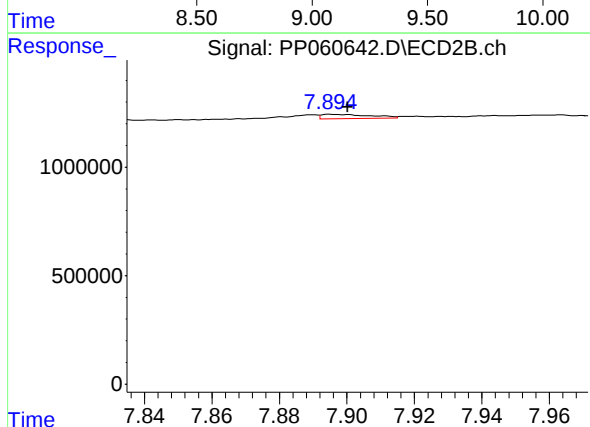
R.T.: 7.684 min
Delta R.T.: -0.007 min
Response: 2398335
Conc: 9.83 ng/ml



#43 AR-1268-3

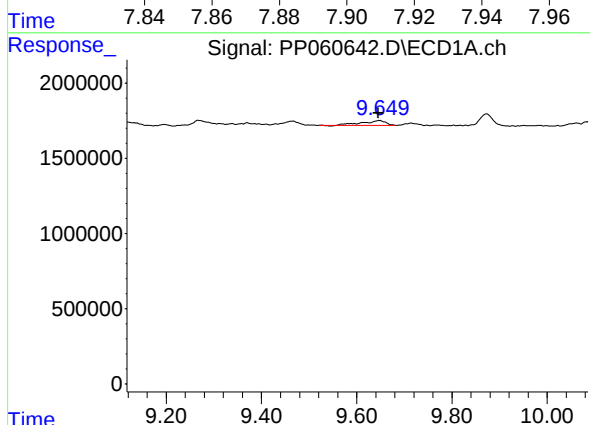
R.T.: 0.000 min
Exp R.T.: 9.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



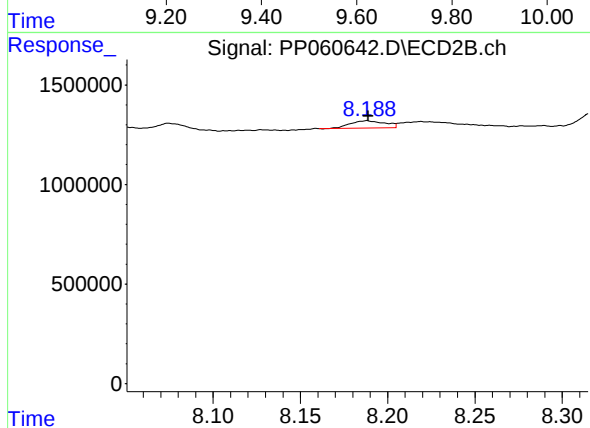
#43 AR-1268-3

R.T.: 7.895 min
Delta R.T.: -0.005 min
Response: 203935
Conc: 0.95 ng/ml



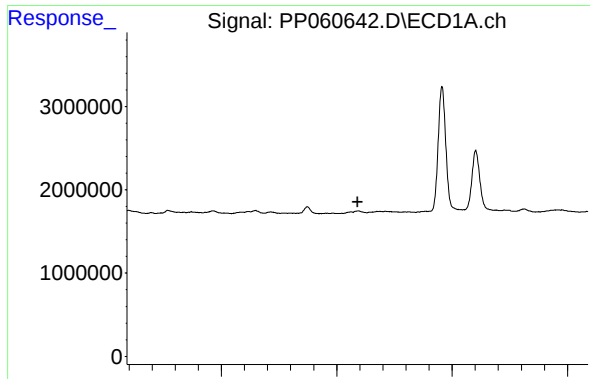
#44 AR-1268-4

R.T.: 9.648 min
Delta R.T.: 0.002 min
Response: 1060647
Conc: 11.48 ng/ml



#44 AR-1268-4

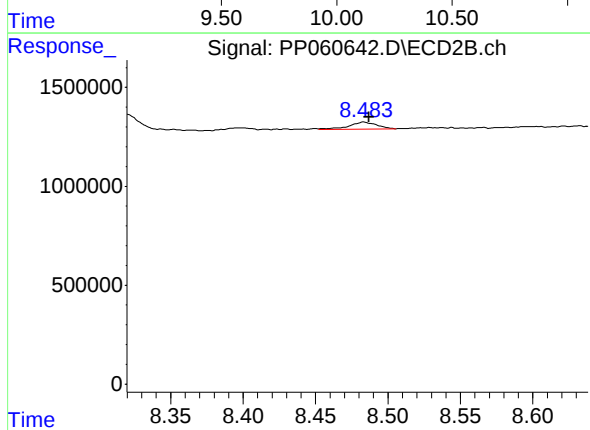
R.T.: 8.188 min
Delta R.T.: 0.000 min
Response: 511017
Conc: 5.82 ng/ml



#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.: 8.483 min
Delta R.T.: -0.004 min
Response: 474051
Conc: 0.76 ng/ml