

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092923\
 Data File : PP060428.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2023 21:45
 Operator : YP\AJ
 Sample : 04668-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 00:24:13 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	3.688	31721044	21977896	14.164	14.765
2) SA Decachlor...	10.458	8.747	37656941	28268137	21.329	17.330
Target Compounds						
3) L1 AR-1016-1	0.000	4.797	0	86734	N.D.	1.493 #
4) L1 AR-1016-2	0.000	4.797	0	86734	N.D.	1.077 #
5) L1 AR-1016-3	0.000	4.986	0	145406	N.D.	3.253 #
6) L1 AR-1016-4	0.000	5.035	0	85135	N.D.	2.366 #
7) L1 AR-1016-5	0.000	5.232	0	108624	N.D.	2.236 #
8) L2 AR-1221-1	4.744	3.893	437571	2016962	15.148	96.551 #
9) L2 AR-1221-2	4.845	3.992	781893	395342	36.597	26.514 #
10) L2 AR-1221-3	0.000	4.067	0	116855	N.D.	2.660 #
11) L3 AR-1232-1	0.000	4.067	0	116855	N.D.	3.211 #
12) L3 AR-1232-2	0.000	4.797	0	86734	N.D.	2.378 #
13) L3 AR-1232-3	0.000	4.986	0	145406	N.D.	7.265 #
14) L3 AR-1232-4	0.000	5.051f	0	52847	N.D.	2.831 #
15) L3 AR-1232-5	0.000	5.232	0	108624	N.D.	5.222 #
16) L4 AR-1242-1	0.000	4.797	0	86734	N.D.	1.713 #
17) L4 AR-1242-2	0.000	4.797	0	86734	N.D.	1.249 #
18) L4 AR-1242-3	0.000	4.986	0	145406	N.D.	3.776 #
19) L4 AR-1242-4	0.000	5.051	0	52847	N.D.	1.342 #
20) L4 AR-1242-5	6.659	5.593	1169548	356696	23.253	7.292 #
21) L5 AR-1248-1	0.000	4.797	0	86734	N.D.	2.377 #
22) L5 AR-1248-2	0.000	5.035	0	85135	N.D.	1.629 #
23) L5 AR-1248-3	0.000	5.051	0	52847	N.D.	0.952 #
24) L5 AR-1248-4	6.615	5.232	1045521	108624	12.641	1.650 #
25) L5 AR-1248-5	6.659	5.630	1169548	218862	14.532	3.403 #
26) L6 AR-1254-1	6.615f	5.593	1045521	356696	12.251	3.606 #
27) L6 AR-1254-2	0.000	5.746	0	136362	N.D.	1.587 #
28) L6 AR-1254-3	7.179	6.150	542154	94401	4.079	0.659 #
29) L6 AR-1254-4	7.484f	6.378	145965	71582	1.484	0.821 #
30) L6 AR-1254-5	7.889	6.798	439931	796933	4.061	6.289 #
31) L7 AR-1260-1	7.352	6.282	126098	91808	1.203	0.915
32) L7 AR-1260-2	7.605	6.470	556377	139899	4.602	1.173 #
33) L7 AR-1260-3	7.968	6.623	154601	82826	1.668	0.723 #
34) L7 AR-1260-4	8.168f	7.102	757369	37534	7.142	0.394 #
35) L7 AR-1260-5	8.533	7.339	368542	78501	1.904	0.362 #
36) L8 AR-1262-1	7.968	6.889	154601	155067	1.239	2.896 #
37) L8 AR-1262-2	8.533	7.102	368542	37534	1.759	0.318 #
38) L8 AR-1262-3	8.875f	7.627	807777	28936	5.338	0.314 #
39) L8 AR-1262-4	8.947	7.686	1040618	212521	8.695	1.262 #
40) L8 AR-1262-5	0.000	8.180	0	26800	N.D.	0.346 #
41) L9 AR-1268-1	8.875f	7.627	807777	28936	3.045	0.106 #

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 Integrator: ChemStation

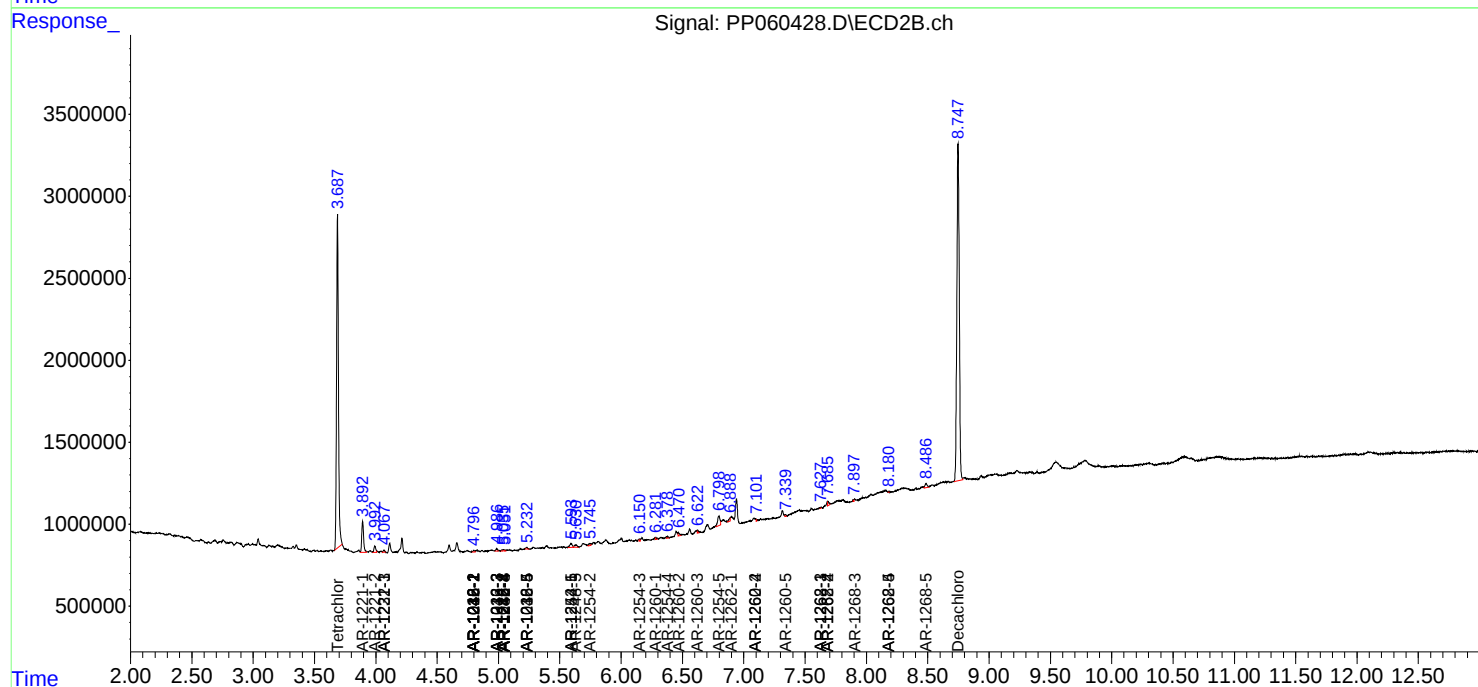
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

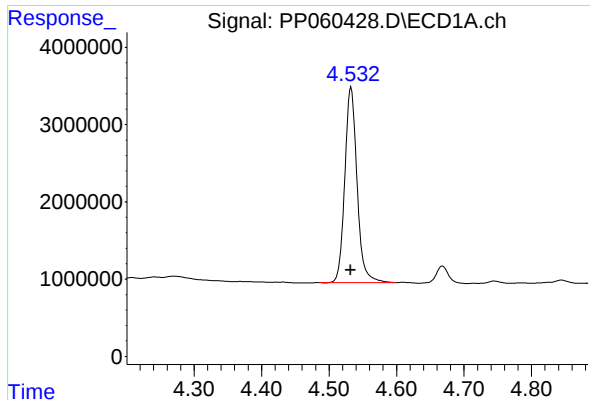
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.947	7.686	1040618	212521	4.269	0.871 #
43) L9	AR-1268-3	0.000	7.898	0	48330	N.D.	0.226 #
44) L9	AR-1268-4	0.000	8.180	0	26800	N.D.	0.305 #
45) L9	AR-1268-5	0.000	8.486	0	335352	N.D.	0.537 #

(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

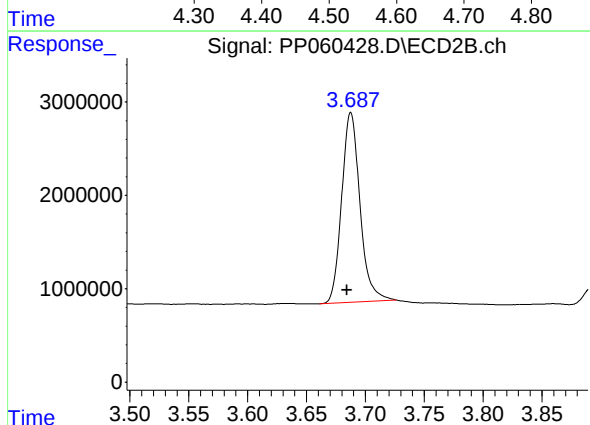




#1 Tetrachloro-m-xylene

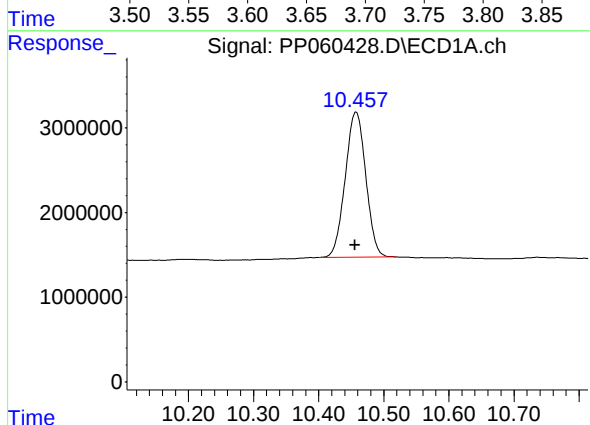
R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 31721044
Conc: 14.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



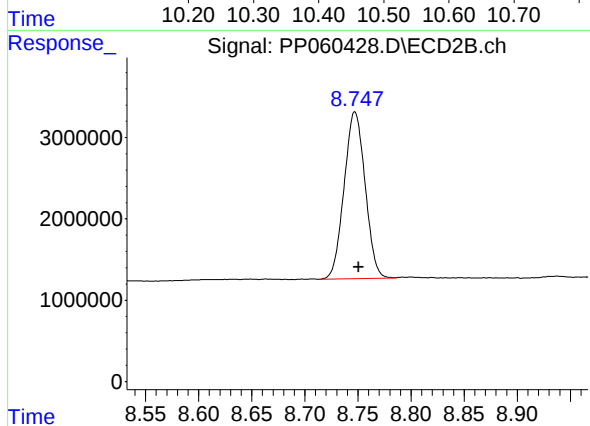
#1 Tetrachloro-m-xylene

R.T.: 3.688 min
Delta R.T.: 0.003 min
Response: 21977896
Conc: 14.77 ng/ml



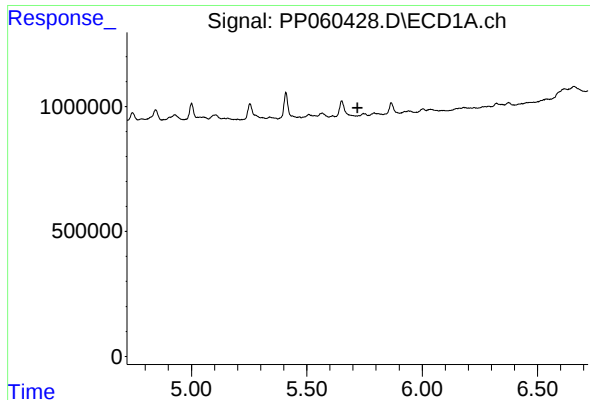
#2 Decachlorobiphenyl

R.T.: 10.458 min
Delta R.T.: 0.002 min
Response: 37656941
Conc: 21.33 ng/ml



#2 Decachlorobiphenyl

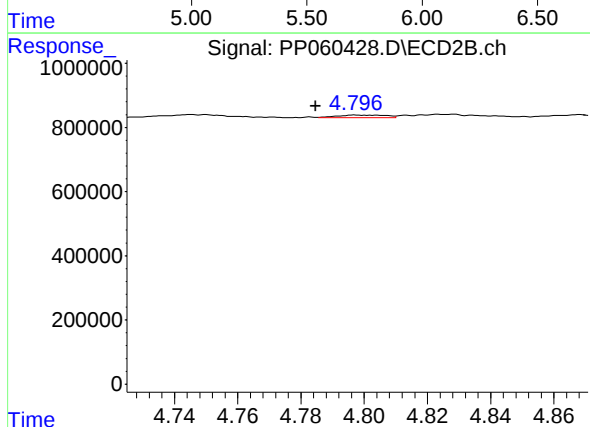
R.T.: 8.747 min
Delta R.T.: -0.004 min
Response: 28268137
Conc: 17.33 ng/ml



#3 AR-1016-1

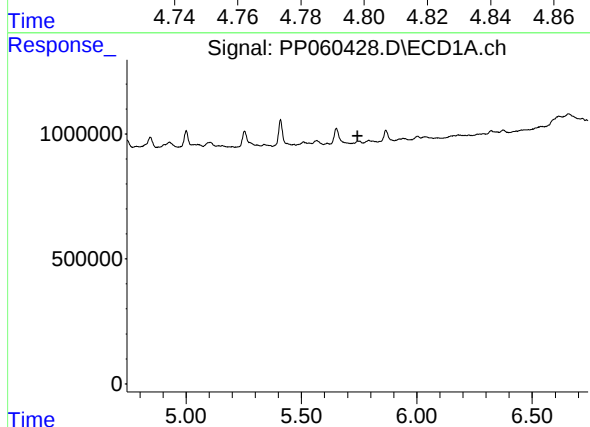
R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



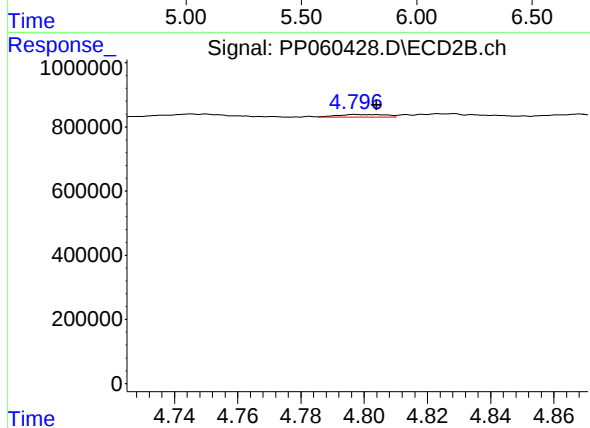
#3 AR-1016-1

R.T.: 4.797 min
Delta R.T.: 0.012 min
Response: 86734
Conc: 1.49 ng/ml



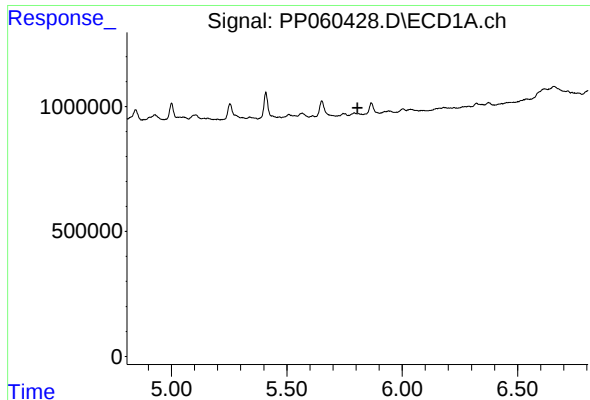
#4 AR-1016-2

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



#4 AR-1016-2

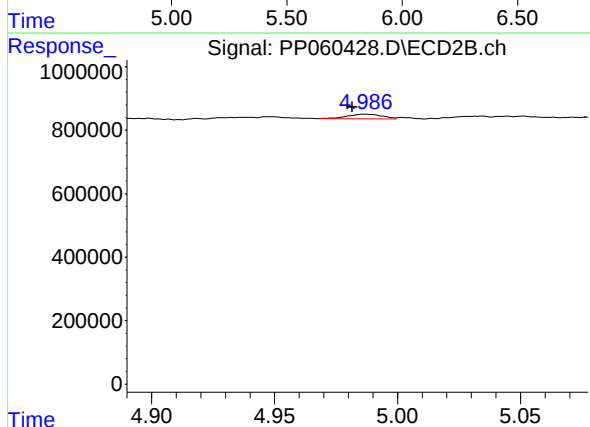
R.T.: 4.797 min
Delta R.T.: -0.007 min
Response: 86734
Conc: 1.08 ng/ml



#5 AR-1016-3

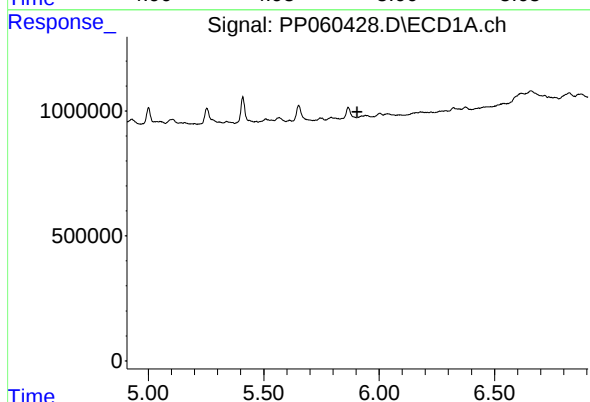
R.T.: 0.000 min
Exp R.T.: 5.806 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



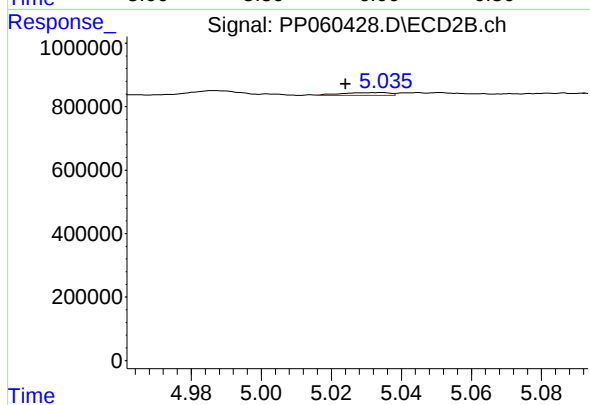
#5 AR-1016-3

R.T.: 4.986 min
Delta R.T.: 0.005 min
Response: 145406
Conc: 3.25 ng/ml



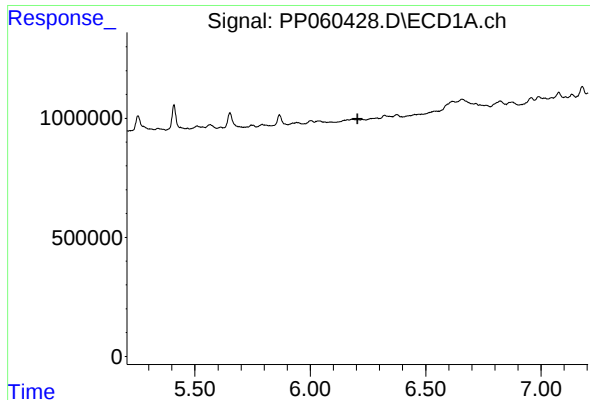
#6 AR-1016-4

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



#6 AR-1016-4

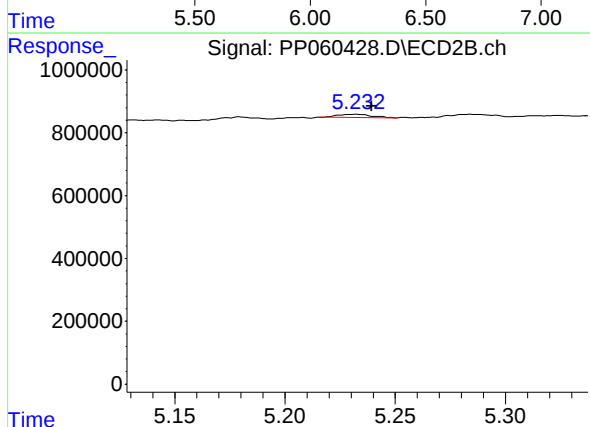
R.T.: 5.035 min
Delta R.T.: 0.011 min
Response: 85135
Conc: 2.37 ng/ml



#7 AR-1016-5

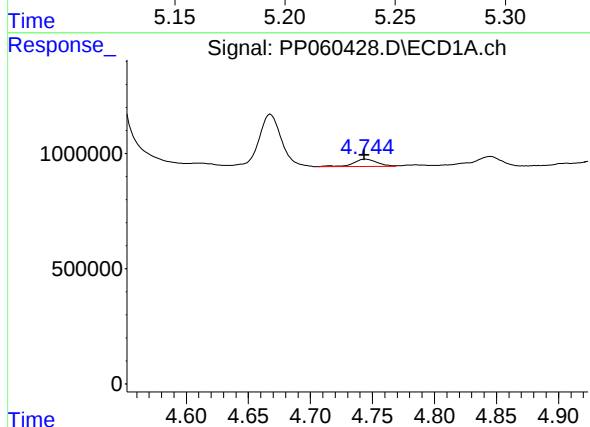
R.T.: 0.000 min
Exp R.T.: 6.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



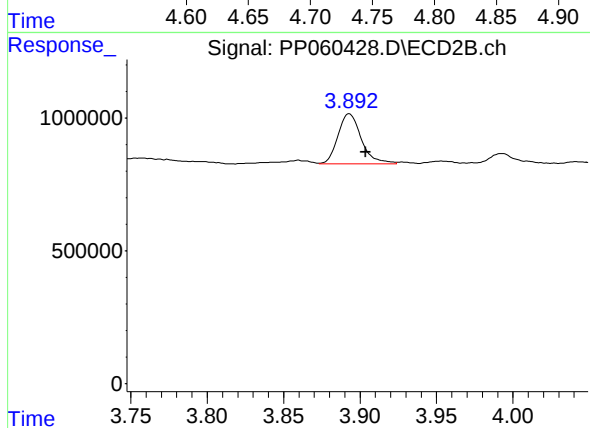
#7 AR-1016-5

R.T.: 5.232 min
Delta R.T.: -0.007 min
Response: 108624
Conc: 2.24 ng/ml



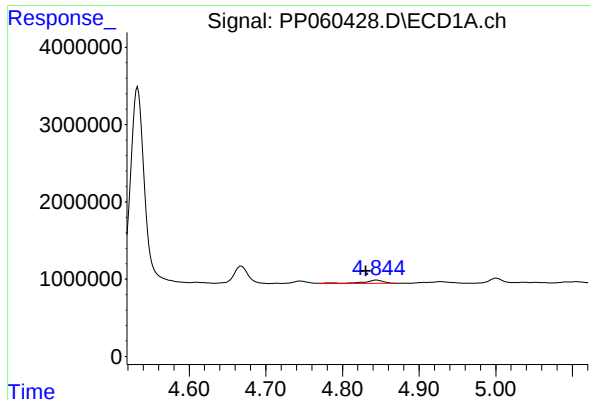
#8 AR-1221-1

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 437571
Conc: 15.15 ng/ml



#8 AR-1221-1

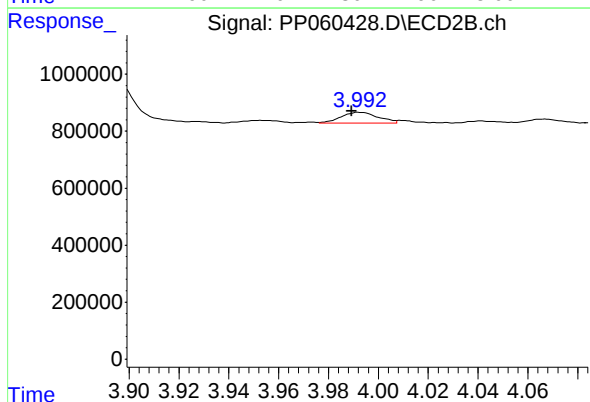
R.T.: 3.893 min
Delta R.T.: -0.011 min
Response: 2016962
Conc: 96.55 ng/ml



#9 AR-1221-2

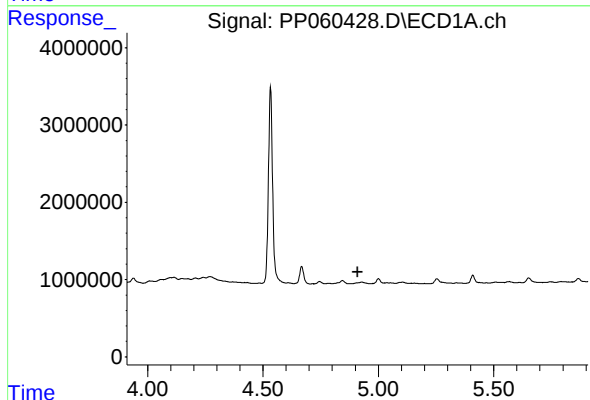
R.T.: 4.845 min
Delta R.T.: 0.014 min
Response: 781893
Conc: 36.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



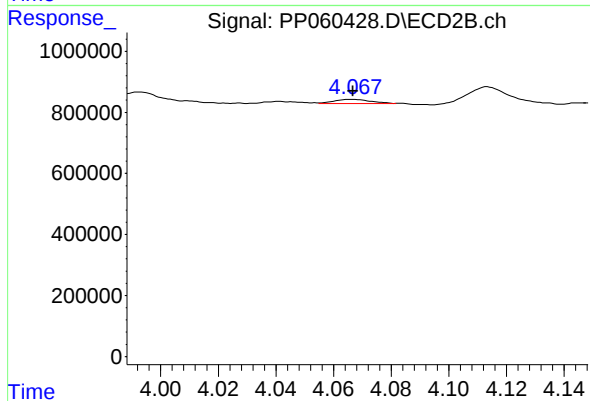
#9 AR-1221-2

R.T.: 3.992 min
Delta R.T.: 0.003 min
Response: 395342
Conc: 26.51 ng/ml



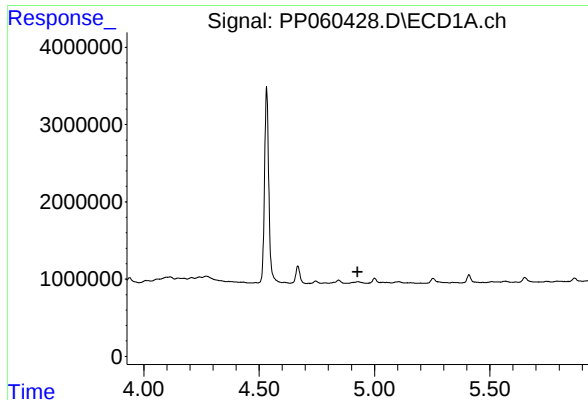
#10 AR-1221-3

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



#10 AR-1221-3

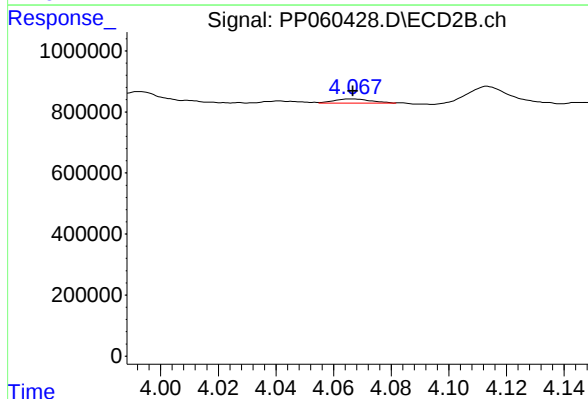
R.T.: 4.067 min
Delta R.T.: 0.000 min
Response: 116855
Conc: 2.66 ng/ml



#11 AR-1232-1

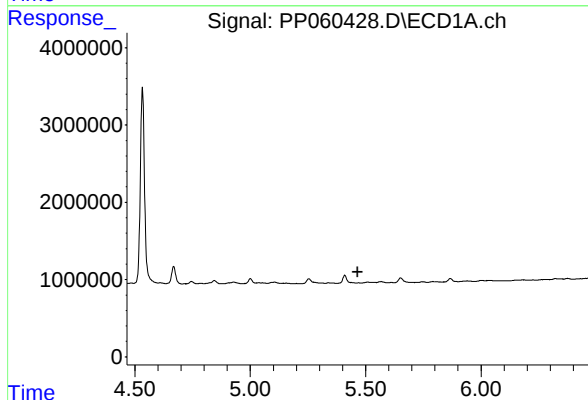
R.T.: 0.000 min
Exp R.T.: 4.926 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



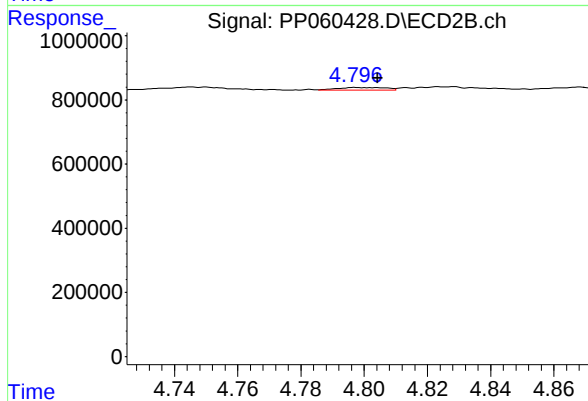
#11 AR-1232-1

R.T.: 4.067 min
Delta R.T.: 0.000 min
Response: 116855
Conc: 3.21 ng/ml



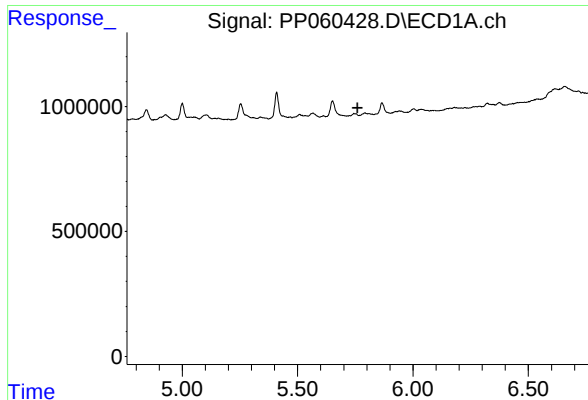
#12 AR-1232-2

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



#12 AR-1232-2

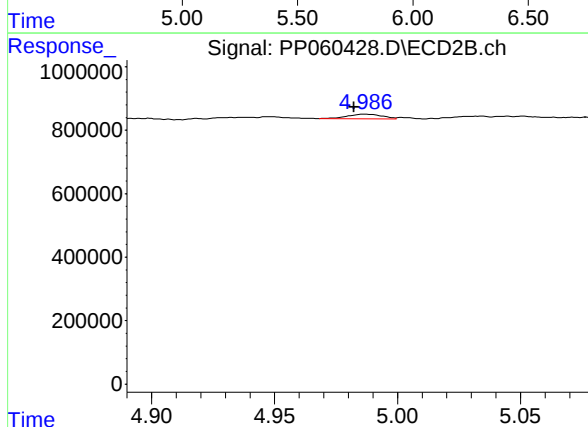
R.T.: 4.797 min
Delta R.T.: -0.007 min
Response: 86734
Conc: 2.38 ng/ml



#13 AR-1232-3

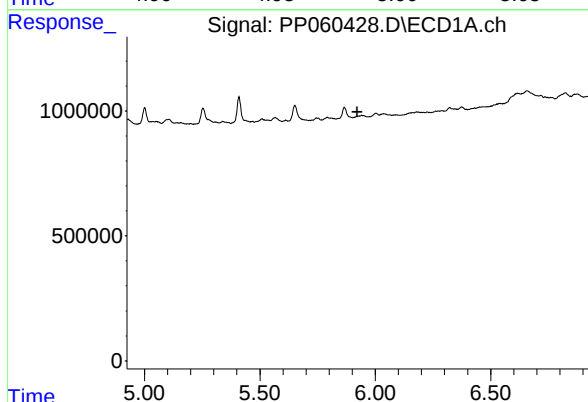
R.T.: 0.000 min
Exp R.T.: 5.759 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



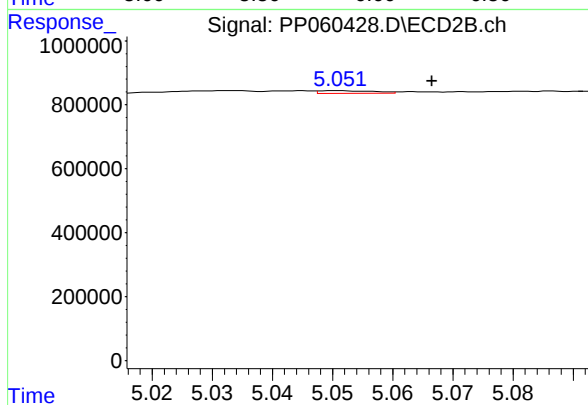
#13 AR-1232-3

R.T.: 4.986 min
Delta R.T.: 0.004 min
Response: 145406
Conc: 7.26 ng/ml



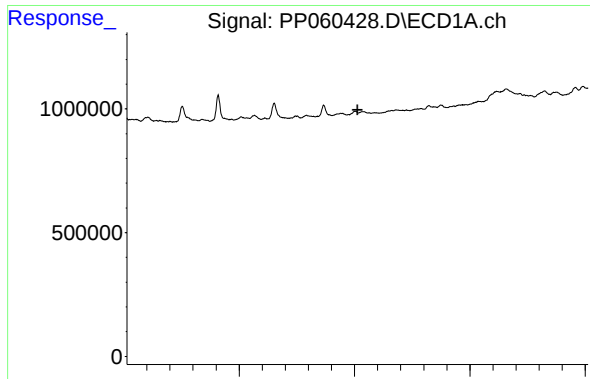
#14 AR-1232-4

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



#14 AR-1232-4

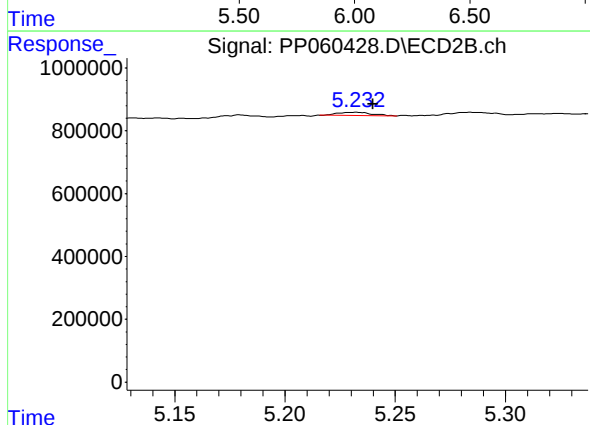
R.T.: 5.051 min
Delta R.T.: -0.015 min
Response: 52847
Conc: 2.83 ng/ml



#15 AR-1232-5

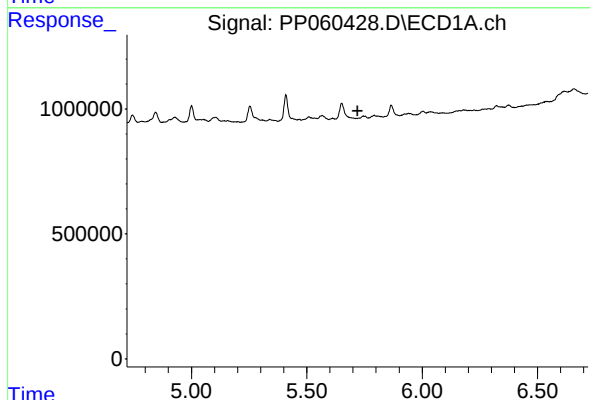
R.T.: 0.000 min
Exp R.T.: 6.014 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



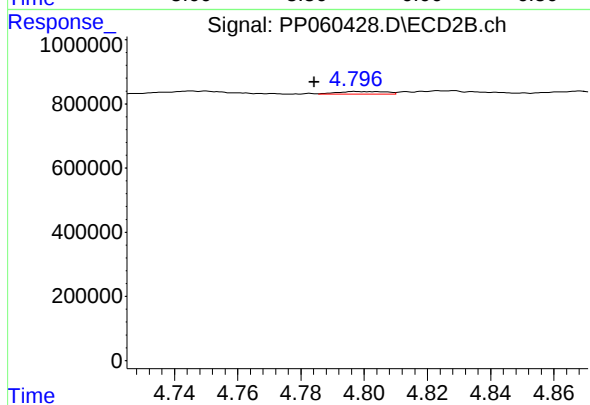
#15 AR-1232-5

R.T.: 5.232 min
Delta R.T.: -0.007 min
Response: 108624
Conc: 5.22 ng/ml



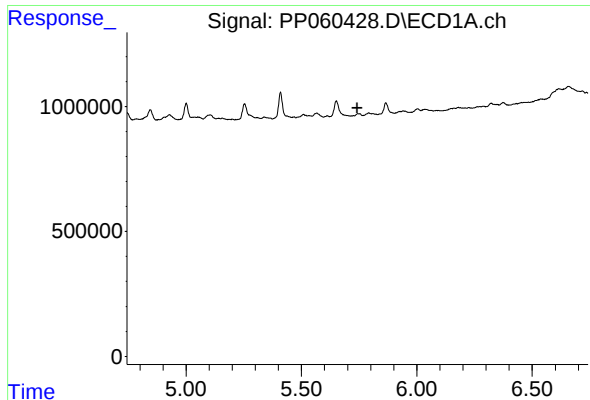
#16 AR-1242-1

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



#16 AR-1242-1

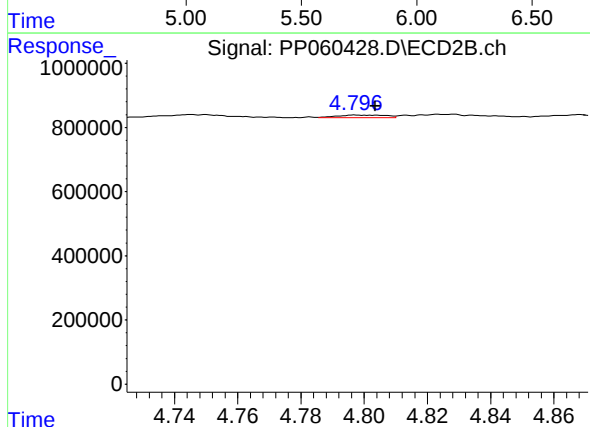
R.T.: 4.797 min
Delta R.T.: 0.013 min
Response: 86734
Conc: 1.71 ng/ml



#17 AR-1242-2

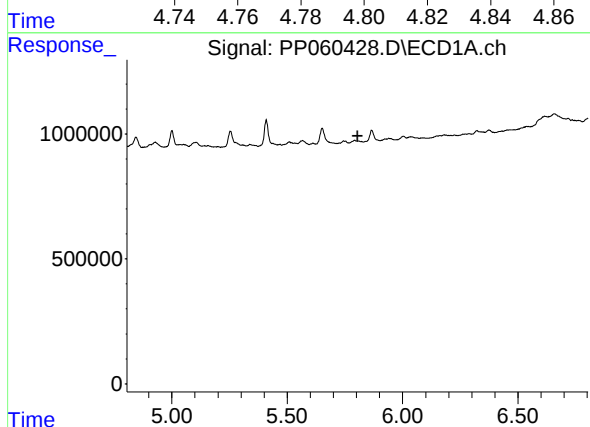
R.T.: 0.000 min
Exp R.T.: 5.742 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



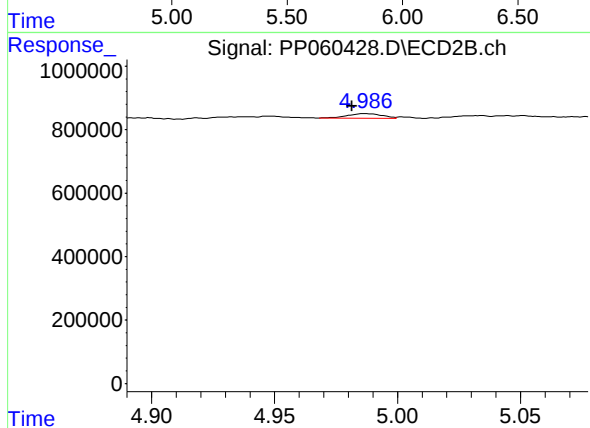
#17 AR-1242-2

R.T.: 4.797 min
Delta R.T.: -0.007 min
Response: 86734
Conc: 1.25 ng/ml



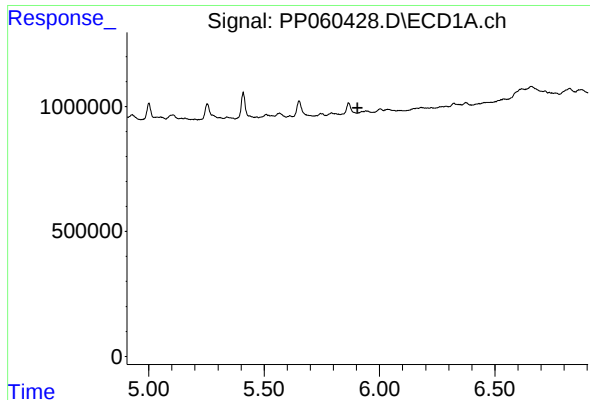
#18 AR-1242-3

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



#18 AR-1242-3

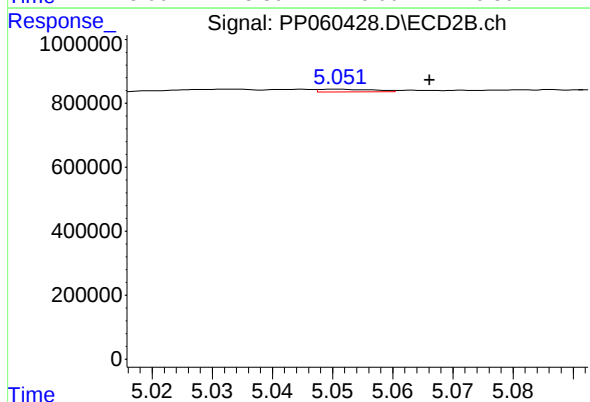
R.T.: 4.986 min
Delta R.T.: 0.005 min
Response: 145406
Conc: 3.78 ng/ml



#19 AR-1242-4

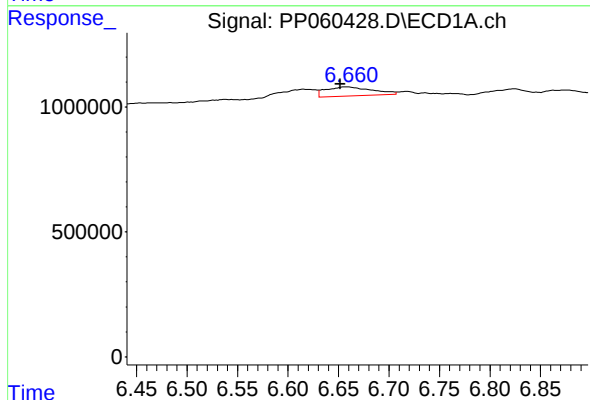
R.T.: 0.000 min
Exp R.T.: 5.905 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



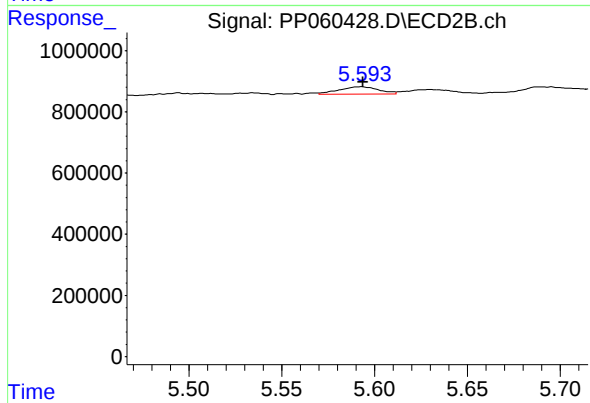
#19 AR-1242-4

R.T.: 5.051 min
Delta R.T.: -0.015 min
Response: 52847
Conc: 1.34 ng/ml



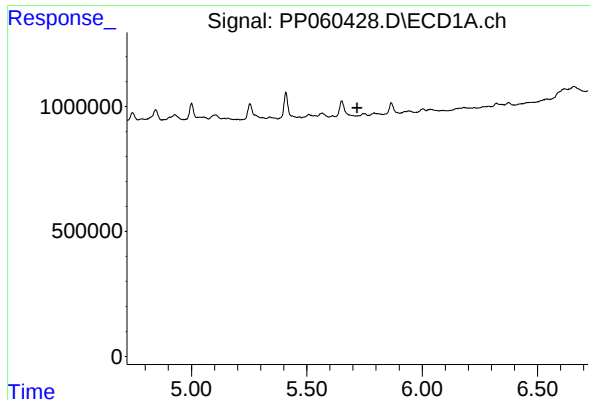
#20 AR-1242-5

R.T.: 6.659 min
Delta R.T.: 0.008 min
Response: 1169548
Conc: 23.25 ng/ml



#20 AR-1242-5

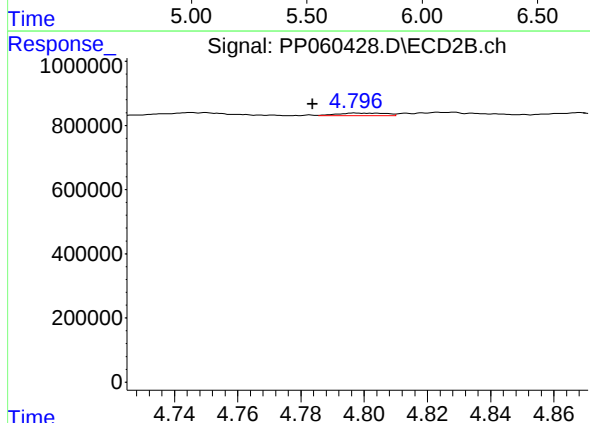
R.T.: 5.593 min
Delta R.T.: 0.000 min
Response: 356696
Conc: 7.29 ng/ml



#21 AR-1248-1

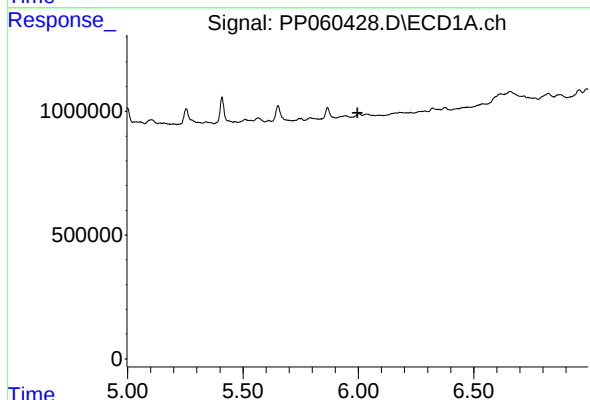
R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



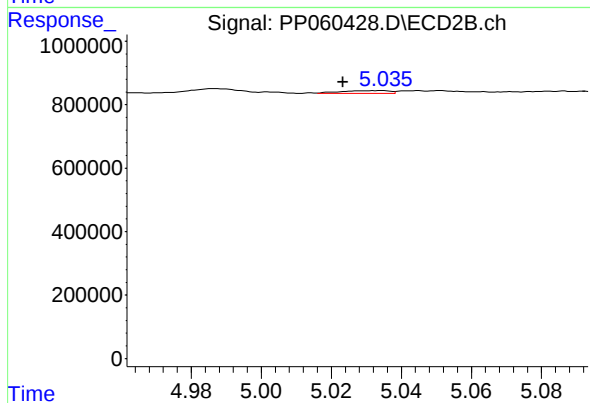
#21 AR-1248-1

R.T.: 4.797 min
Delta R.T.: 0.013 min
Response: 86734
Conc: 2.38 ng/ml



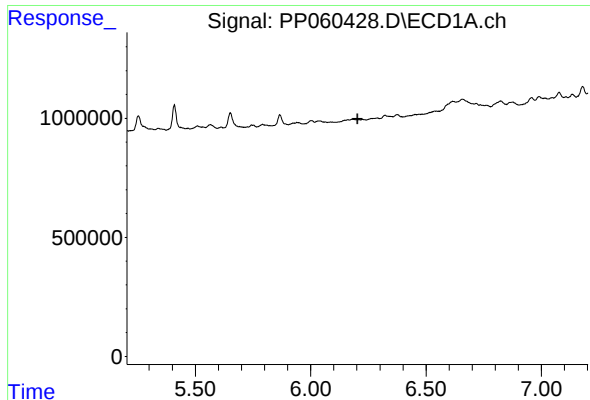
#22 AR-1248-2

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



#22 AR-1248-2

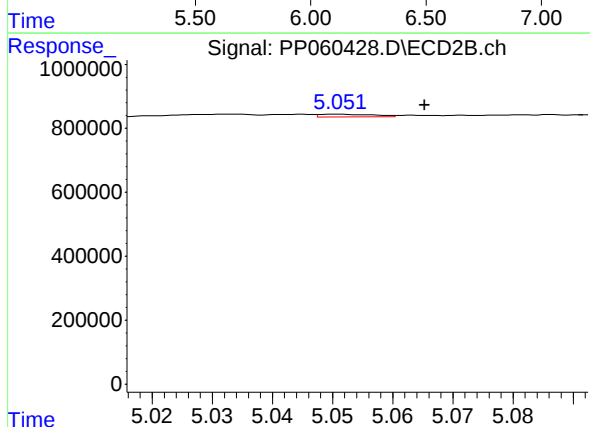
R.T.: 5.035 min
Delta R.T.: 0.012 min
Response: 85135
Conc: 1.63 ng/ml



#23 AR-1248-3

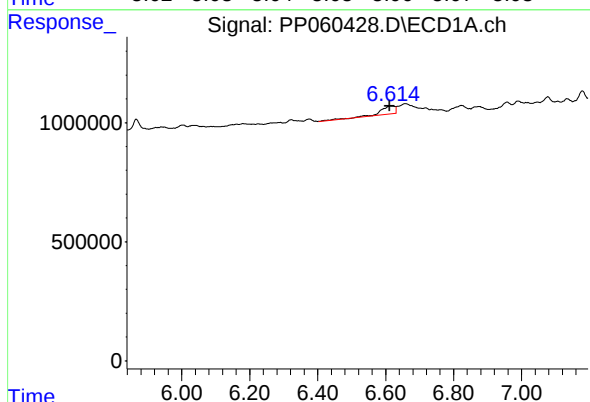
R.T.: 0.000 min
Exp R.T.: 6.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



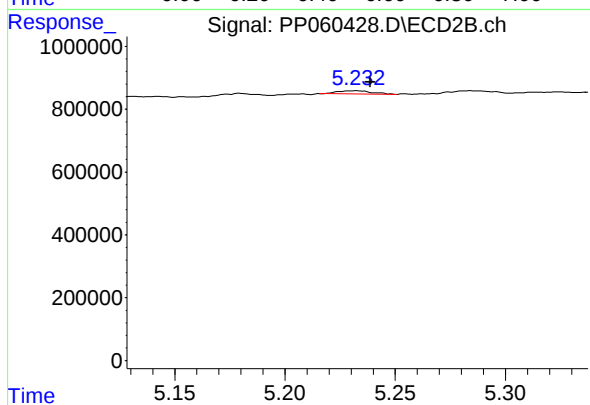
#23 AR-1248-3

R.T.: 5.051 min
Delta R.T.: -0.014 min
Response: 52847
Conc: 0.95 ng/ml



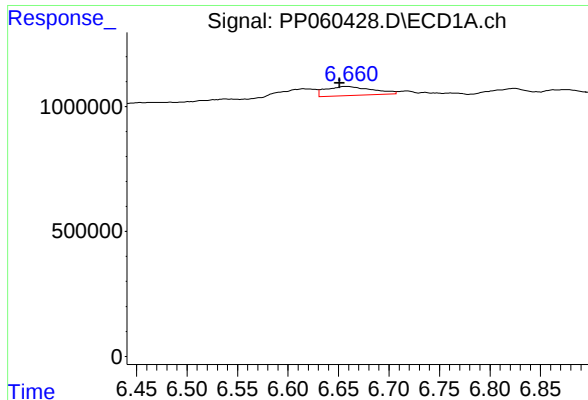
#24 AR-1248-4

R.T.: 6.615 min
Delta R.T.: 0.003 min
Response: 1045521
Conc: 12.64 ng/ml



#24 AR-1248-4

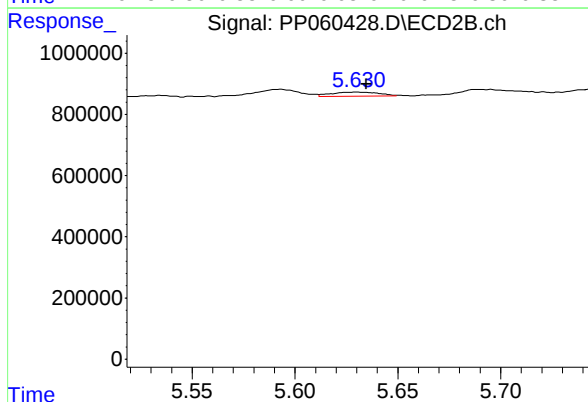
R.T.: 5.232 min
Delta R.T.: -0.006 min
Response: 108624
Conc: 1.65 ng/ml



#25 AR-1248-5

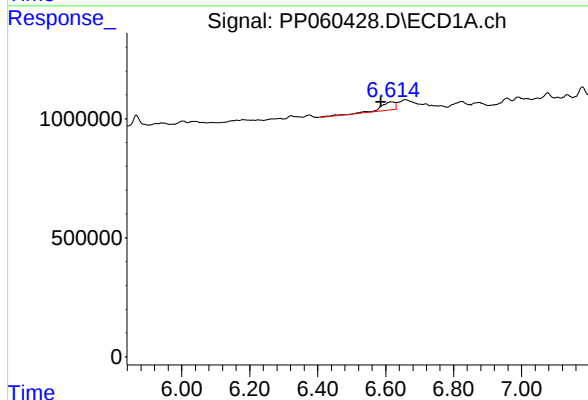
R.T.: 6.659 min
Delta R.T.: 0.008 min
Response: 1169548
Conc: 14.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



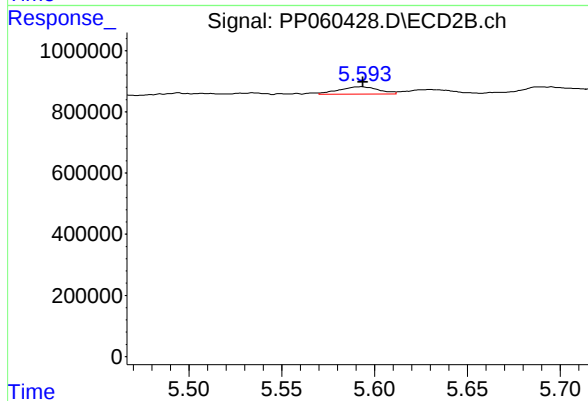
#25 AR-1248-5

R.T.: 5.630 min
Delta R.T.: -0.005 min
Response: 218862
Conc: 3.40 ng/ml



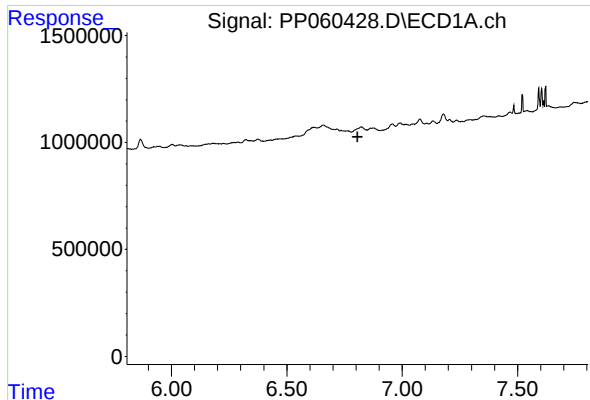
#26 AR-1254-1

R.T.: 6.615 min
Delta R.T.: 0.029 min
Response: 1045521
Conc: 12.25 ng/ml



#26 AR-1254-1

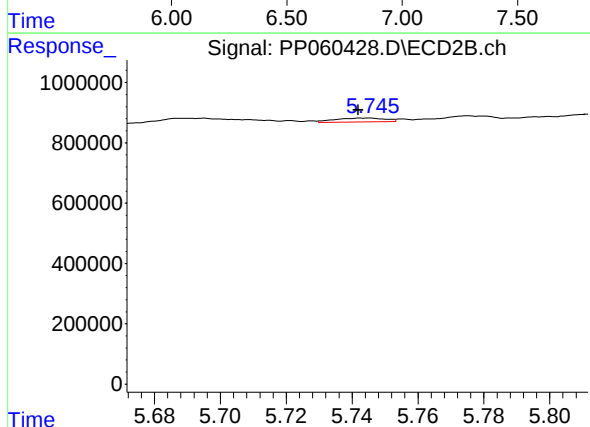
R.T.: 5.593 min
Delta R.T.: 0.000 min
Response: 356696
Conc: 3.61 ng/ml



#27 AR-1254-2

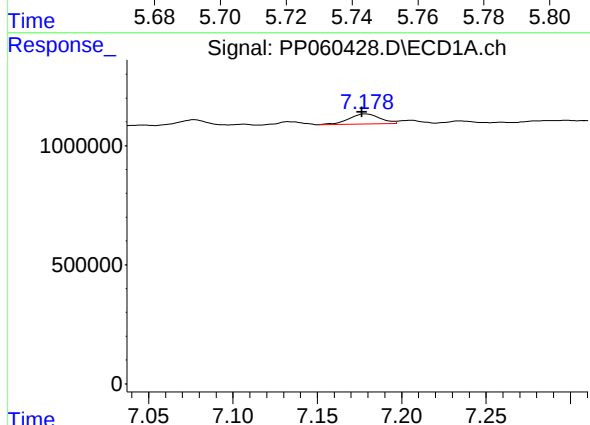
R.T.: 0.000 min
Exp R.T.: 6.806 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



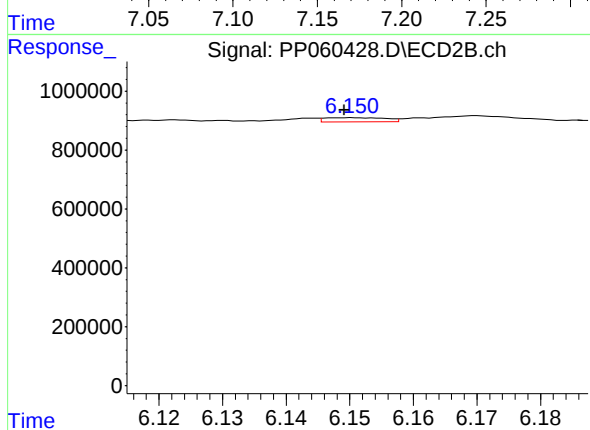
#27 AR-1254-2

R.T.: 5.746 min
Delta R.T.: 0.004 min
Response: 136362
Conc: 1.59 ng/ml



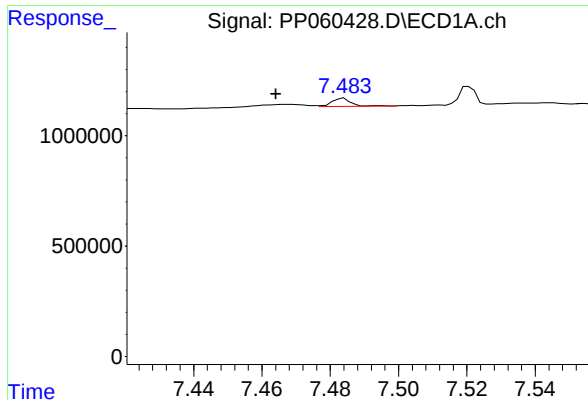
#28 AR-1254-3

R.T.: 7.179 min
Delta R.T.: 0.002 min
Response: 542154
Conc: 4.08 ng/ml



#28 AR-1254-3

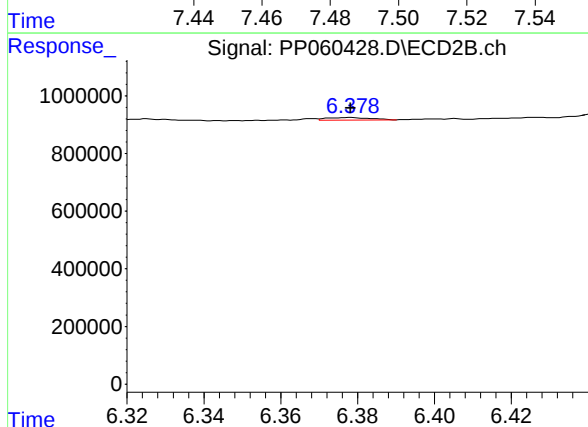
R.T.: 6.150 min
Delta R.T.: 0.001 min
Response: 94401
Conc: 0.66 ng/ml



#29 AR-1254-4

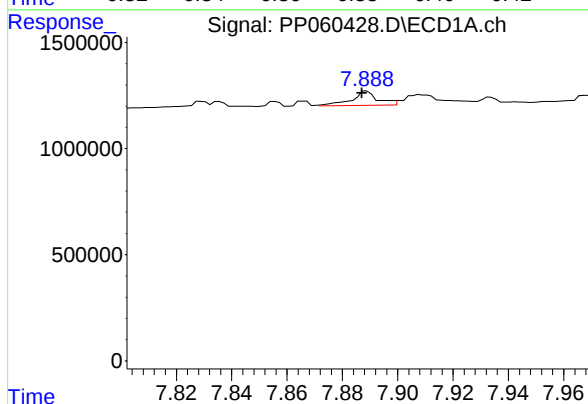
R.T.: 7.484 min
Delta R.T.: 0.020 min
Response: 145965
Conc: 1.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



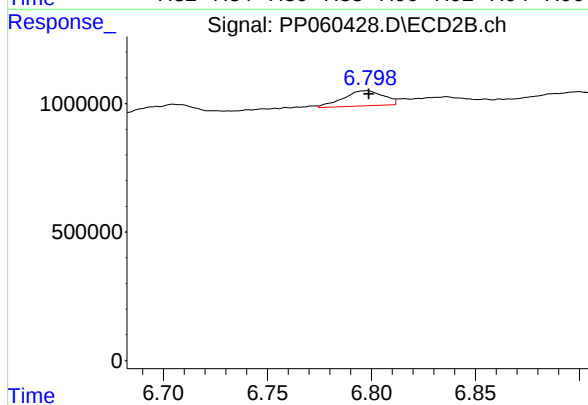
#29 AR-1254-4

R.T.: 6.378 min
Delta R.T.: 0.000 min
Response: 71582
Conc: 0.82 ng/ml



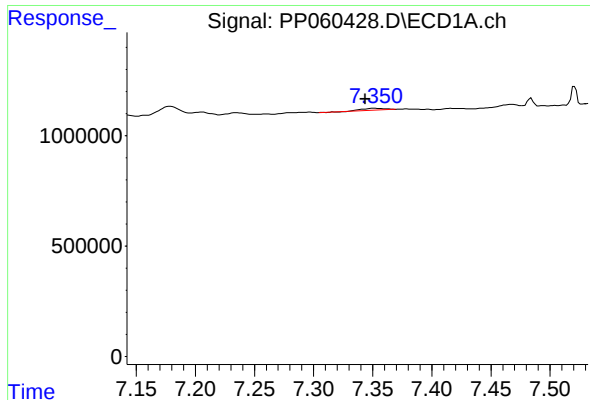
#30 AR-1254-5

R.T.: 7.889 min
Delta R.T.: 0.002 min
Response: 439931
Conc: 4.06 ng/ml



#30 AR-1254-5

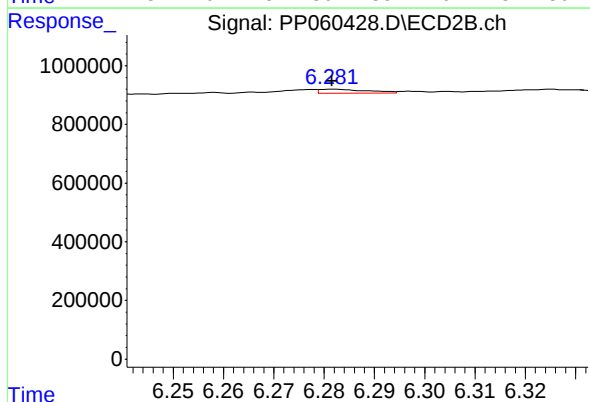
R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 796933
Conc: 6.29 ng/ml



#31 AR-1260-1

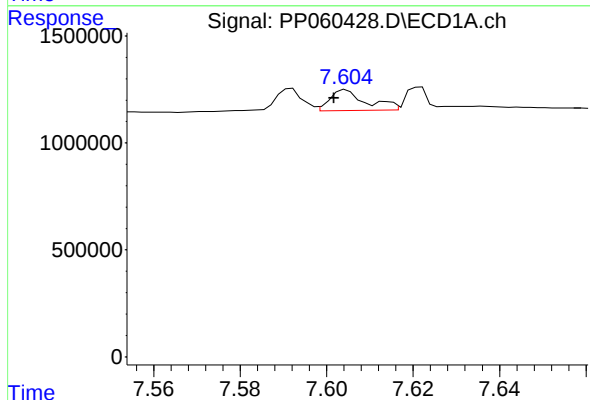
R.T.: 7.352 min
Delta R.T.: 0.008 min
Response: 126098
Conc: 1.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



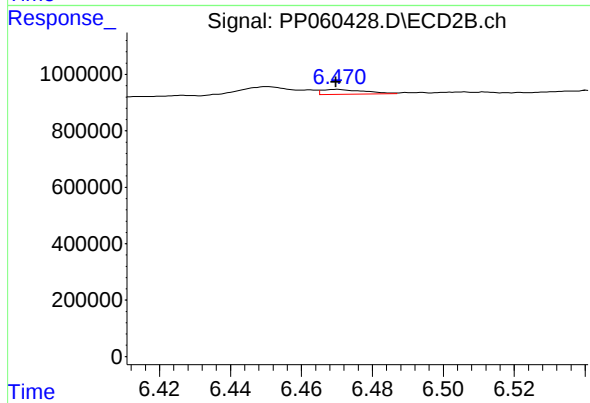
#31 AR-1260-1

R.T.: 6.282 min
Delta R.T.: 0.000 min
Response: 91808
Conc: 0.91 ng/ml



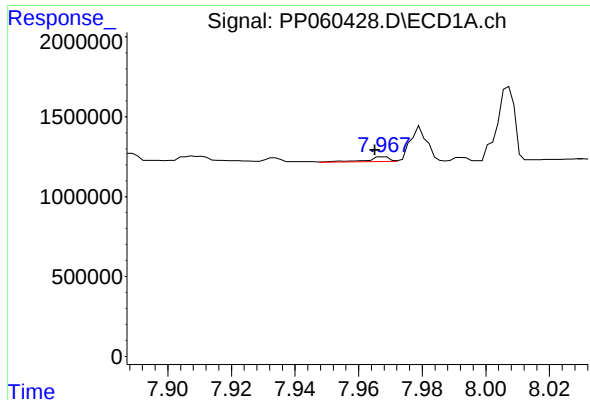
#32 AR-1260-2

R.T.: 7.605 min
Delta R.T.: 0.003 min
Response: 556377
Conc: 4.60 ng/ml



#32 AR-1260-2

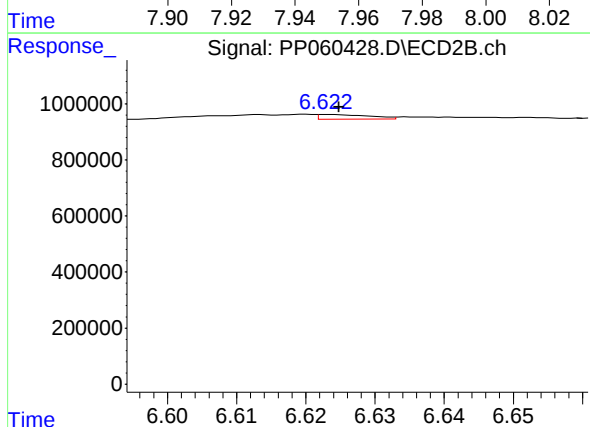
R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 139899
Conc: 1.17 ng/ml



#33 AR-1260-3

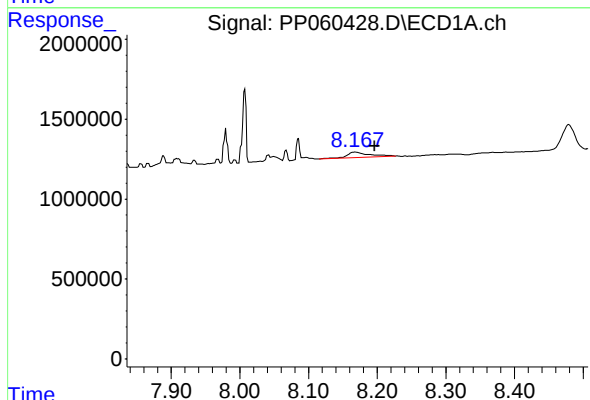
R.T.: 7.968 min
Delta R.T.: 0.003 min
Response: 154601
Conc: 1.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



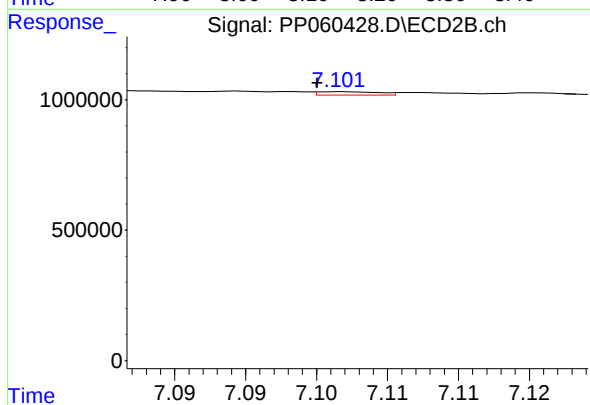
#33 AR-1260-3

R.T.: 6.623 min
Delta R.T.: -0.002 min
Response: 82826
Conc: 0.72 ng/ml



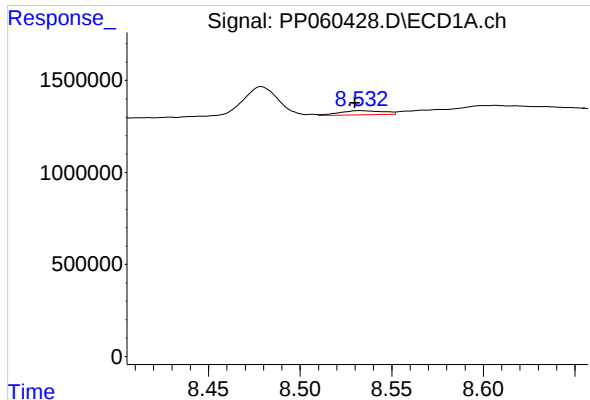
#34 AR-1260-4

R.T.: 8.168 min
Delta R.T.: -0.029 min
Response: 757369
Conc: 7.14 ng/ml



#34 AR-1260-4

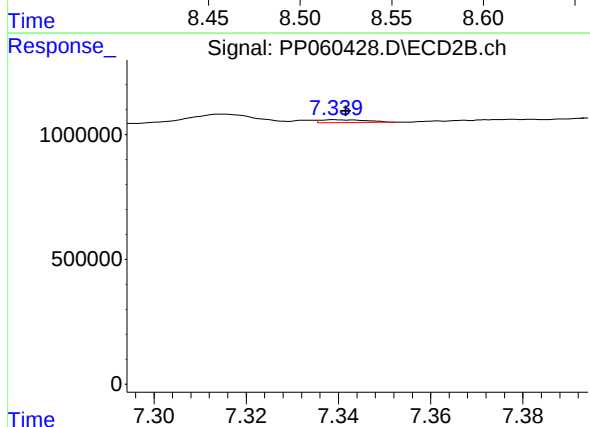
R.T.: 7.102 min
Delta R.T.: 0.002 min
Response: 37534
Conc: 0.39 ng/ml



#35 AR-1260-5

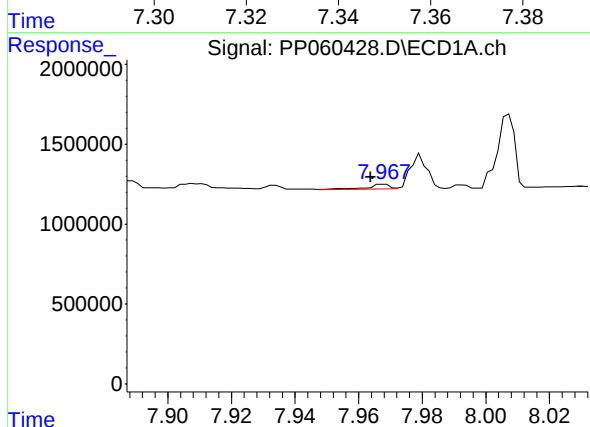
R.T.: 8.533 min
Delta R.T.: 0.003 min
Response: 368542
Conc: 1.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



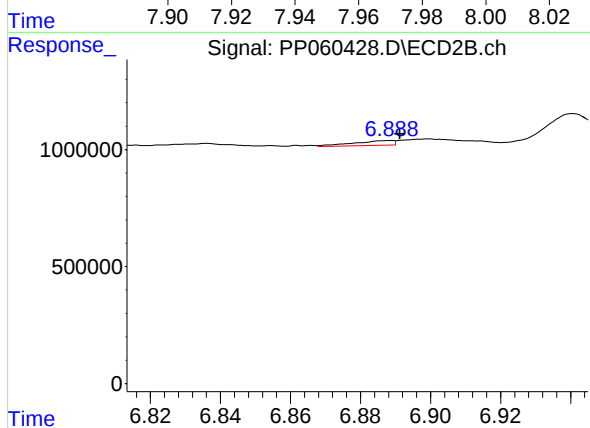
#35 AR-1260-5

R.T.: 7.339 min
Delta R.T.: -0.003 min
Response: 78501
Conc: 0.36 ng/ml



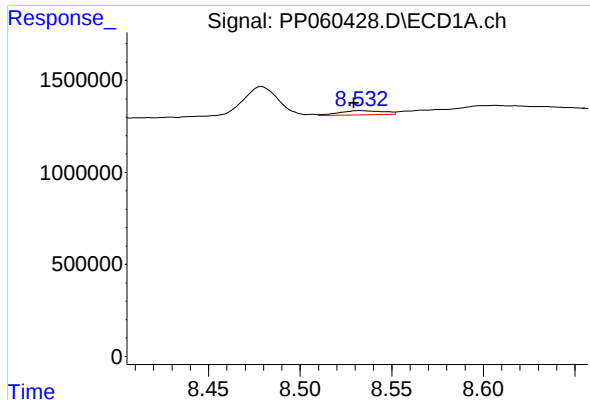
#36 AR-1262-1

R.T.: 7.968 min
Delta R.T.: 0.004 min
Response: 154601
Conc: 1.24 ng/ml



#36 AR-1262-1

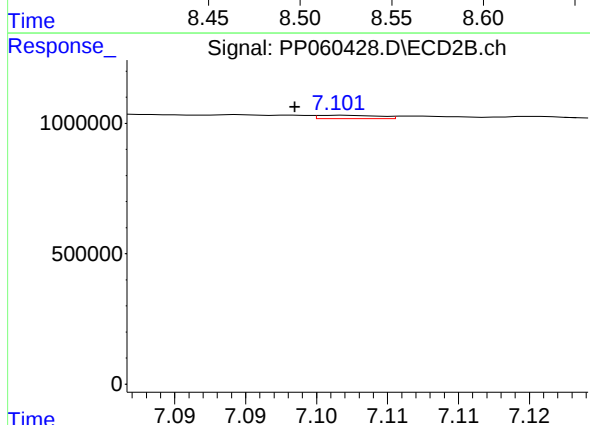
R.T.: 6.889 min
Delta R.T.: -0.003 min
Response: 155067
Conc: 2.90 ng/ml



#37 AR-1262-2

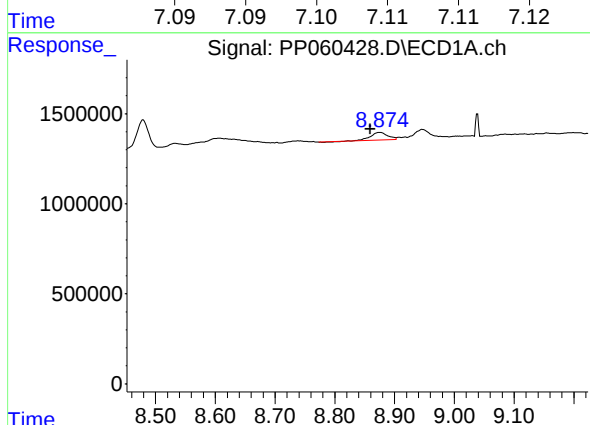
R.T.: 8.533 min
Delta R.T.: 0.003 min
Response: 368542
Conc: 1.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



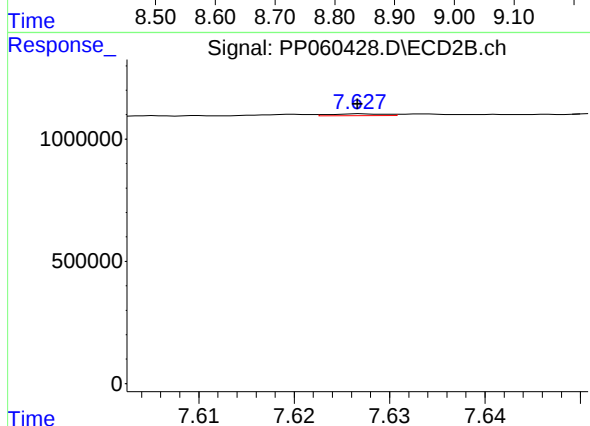
#37 AR-1262-2

R.T.: 7.102 min
Delta R.T.: 0.003 min
Response: 37534
Conc: 0.32 ng/ml



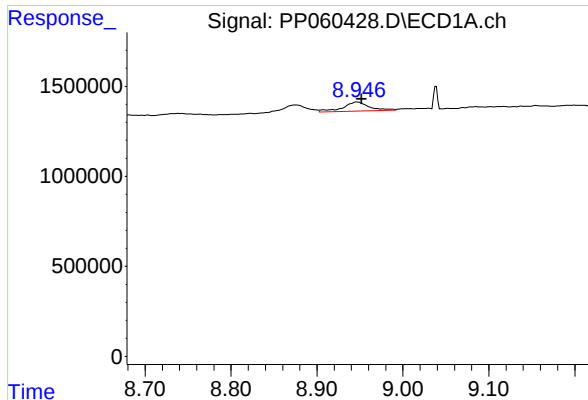
#38 AR-1262-3

R.T.: 8.875 min
Delta R.T.: 0.016 min
Response: 807777
Conc: 5.34 ng/ml



#38 AR-1262-3

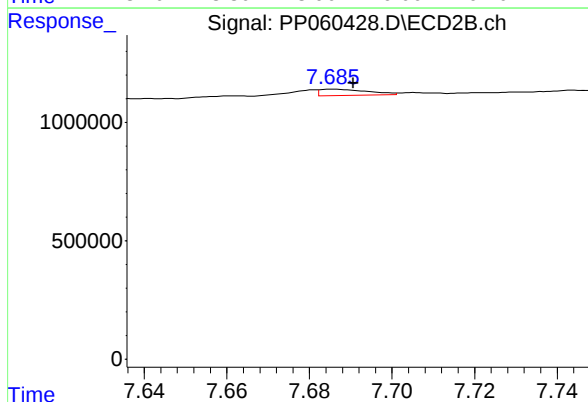
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 28936
Conc: 0.31 ng/ml



#39 AR-1262-4

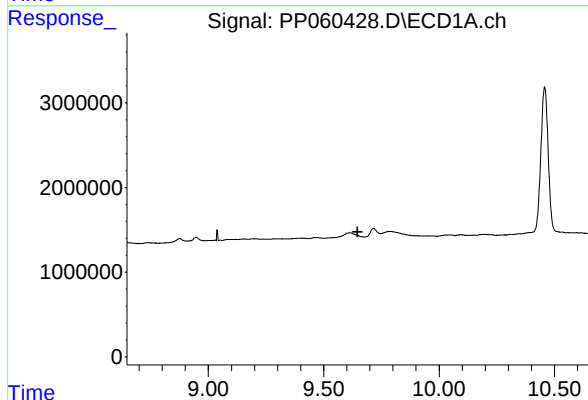
R.T.: 8.947 min
Delta R.T.: -0.005 min
Response: 1040618
Conc: 8.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



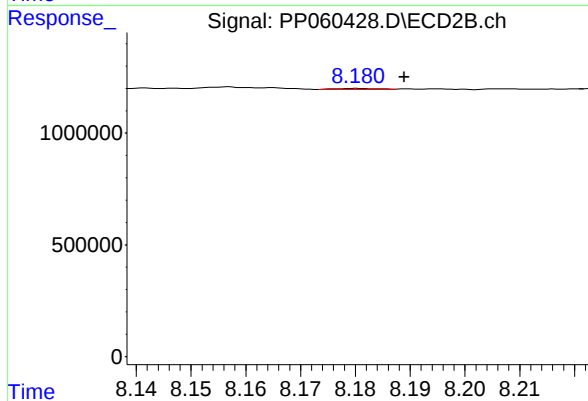
#39 AR-1262-4

R.T.: 7.686 min
Delta R.T.: -0.005 min
Response: 212521
Conc: 1.26 ng/ml



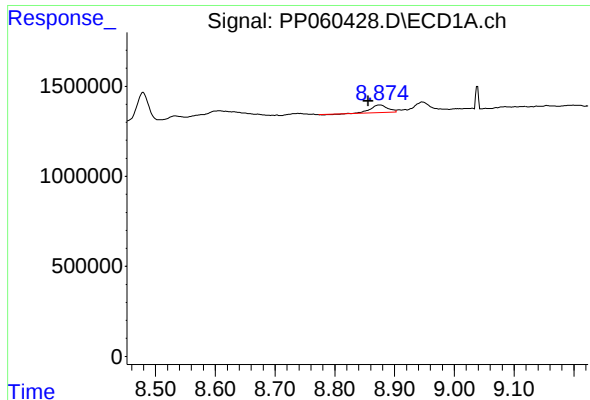
#40 AR-1262-5

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



#40 AR-1262-5

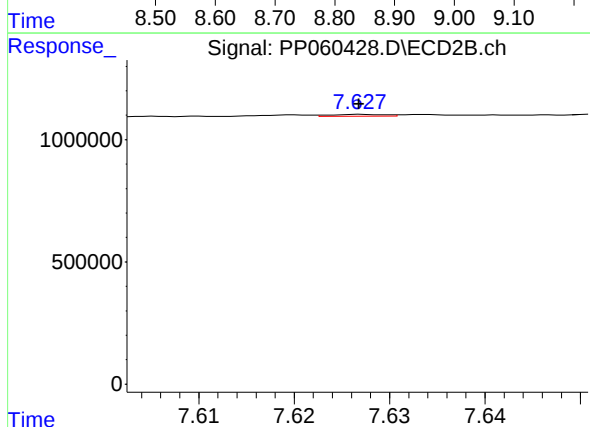
R.T.: 8.180 min
Delta R.T.: -0.009 min
Response: 26800
Conc: 0.35 ng/ml



#41 AR-1268-1

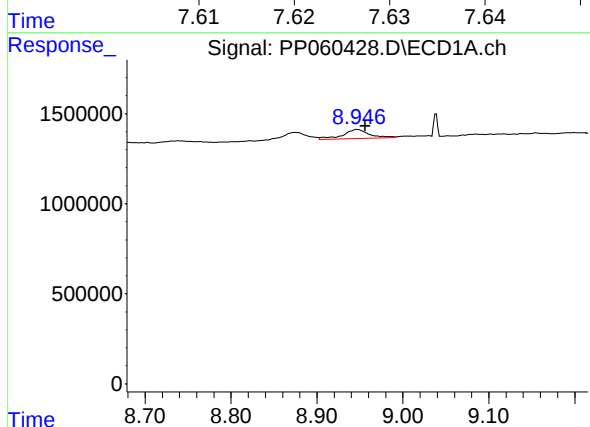
R.T.: 8.875 min
Delta R.T.: 0.019 min
Response: 807777
Conc: 3.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



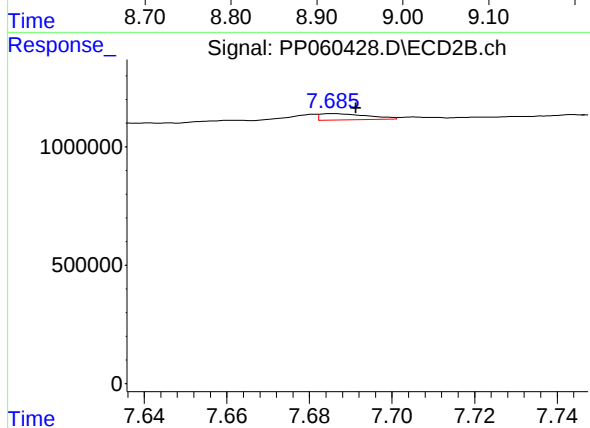
#41 AR-1268-1

R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 28936
Conc: 0.11 ng/ml



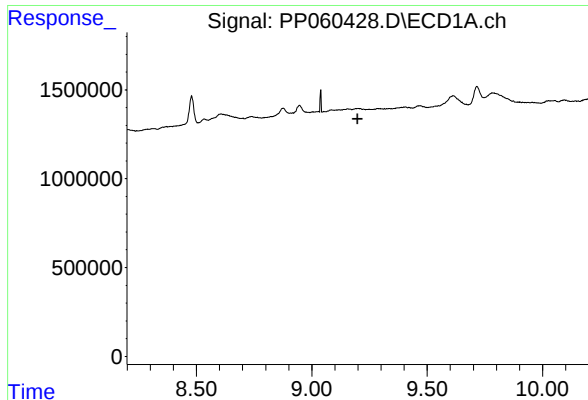
#42 AR-1268-2

R.T.: 8.947 min
Delta R.T.: -0.009 min
Response: 1040618
Conc: 4.27 ng/ml



#42 AR-1268-2

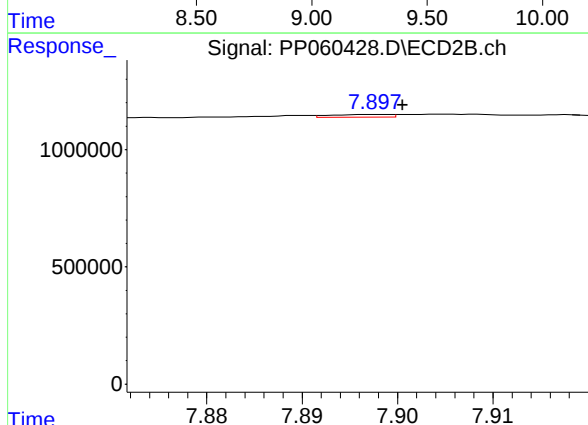
R.T.: 7.686 min
Delta R.T.: -0.006 min
Response: 212521
Conc: 0.87 ng/ml



#43 AR-1268-3

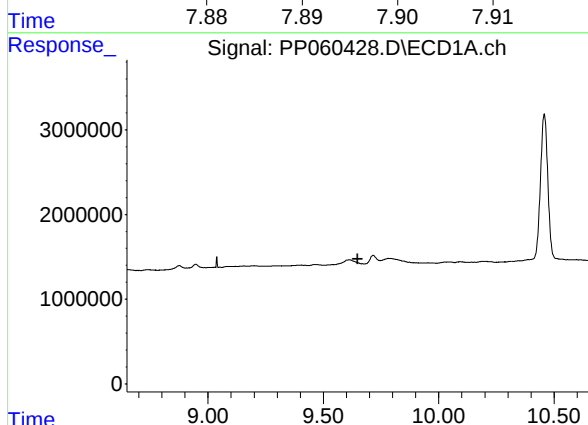
R.T.: 0.000 min
Exp R.T.: 9.198 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



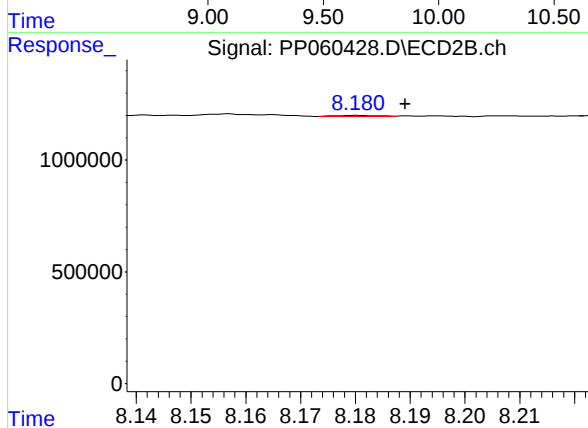
#43 AR-1268-3

R.T.: 7.898 min
Delta R.T.: -0.003 min
Response: 48330
Conc: 0.23 ng/ml



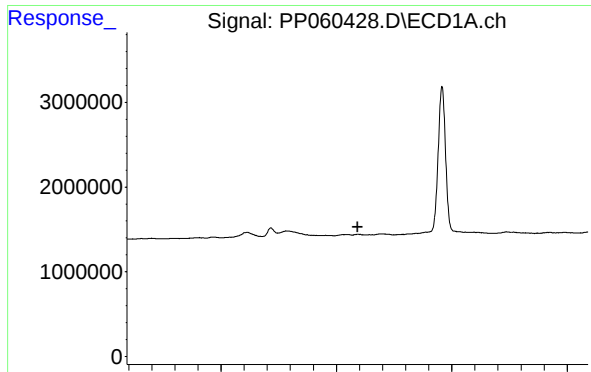
#44 AR-1268-4

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



#44 AR-1268-4

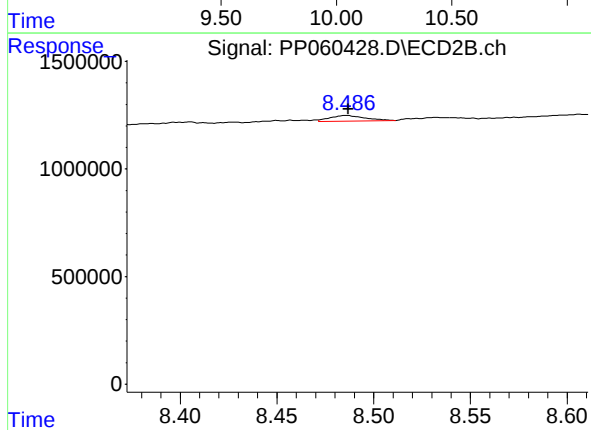
R.T.: 8.180 min
Delta R.T.: -0.009 min
Response: 26800
Conc: 0.31 ng/ml



#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: 335352
Conc: 0.54 ng/ml