

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101023\
 Data File : PP060828.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Oct 2023 10:28
 Operator : YP\AJ
 Sample : 04699-03
 Misc : AR1221 MDL 25 PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 01:32:55 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	3.683	34432366	23875916	15.375	16.040
2)	SA Decachlor...	10.463	8.748	30271025	26107497	17.146	16.005
Target Compounds							
3)	L1 AR-1016-1	0.000	4.787	0	24918	N.D.	0.429 #
4)	L1 AR-1016-2	0.000	4.799	0	131940	N.D.	1.639 #
5)	L1 AR-1016-3	0.000	4.974	0	11336	N.D.	0.254 #
7)	L1 AR-1016-5	0.000	5.240	0	9328	N.D.	0.192 #
8)	L2 AR-1221-1	4.741	3.898	625728	388355	21.661	18.590
9)	L2 AR-1221-2	4.841	3.985	1044091	622688	48.869	41.761
10)	L2 AR-1221-3	4.908	4.063	1462457	903632	24.082	20.571
11)	L3 AR-1232-1	4.908f	4.063	1462457	903632	29.053	24.832
12)	L3 AR-1232-2	0.000	4.799	0	131940	N.D.	3.618 #
13)	L3 AR-1232-3	0.000	4.974	0	11336	N.D.	0.566 #
14)	L3 AR-1232-4	0.000	5.063	0	18578	N.D.	0.995 #
15)	L3 AR-1232-5	0.000	5.240	0	9328	N.D.	0.448 #
16)	L4 AR-1242-1	0.000	4.787	0	24918	N.D.	0.492 #
17)	L4 AR-1242-2	0.000	4.799	0	131940	N.D.	1.900 #
18)	L4 AR-1242-3	0.000	4.974	0	11336	N.D.	0.294 #
19)	L4 AR-1242-4	0.000	5.063	0	18578	N.D.	0.472 #
20)	L4 AR-1242-5	0.000	5.596	0	15731	N.D.	0.322 #
21)	L5 AR-1248-1	0.000	4.780	0	81545	N.D.	2.235 #
23)	L5 AR-1248-3	0.000	5.063	0	18578	N.D.	0.335 #
24)	L5 AR-1248-4	0.000	5.240	0	9328	N.D.	0.142 #
25)	L5 AR-1248-5	0.000	5.631	0	14674	N.D.	0.228 #
26)	L6 AR-1254-1	0.000	5.596	0	15731	N.D.	0.159 #
27)	L6 AR-1254-2	0.000	5.734	0	42001	N.D.	0.489 #
28)	L6 AR-1254-3	7.179	6.157	418386	58708	3.148	0.410 #
29)	L6 AR-1254-4	0.000	6.369	0	38454	N.D.	0.441 #
30)	L6 AR-1254-5	7.885	6.802	39648	10082	0.366	0.080 #
31)	L7 AR-1260-1	0.000	6.279	0	63239	N.D.	0.630 #
32)	L7 AR-1260-2	0.000	6.468	0	14942	N.D.	0.125 #
33)	L7 AR-1260-3	0.000	6.623	0	8386	N.D.	0.073 #
34)	L7 AR-1260-4	0.000	7.097	0	24280	N.D.	0.255 #
35)	L7 AR-1260-5	0.000	7.341	0	31802	N.D.	0.147 #
36)	L8 AR-1262-1	0.000	6.885	0	14864	N.D.	0.278 #
37)	L8 AR-1262-2	0.000	7.097	0	24280	N.D.	0.206 #
38)	L8 AR-1262-3	0.000	7.630	0	23201	N.D.	0.252 #
39)	L8 AR-1262-4	0.000	7.691	0	24276	N.D.	0.144 #
40)	L8 AR-1262-5	0.000	8.188	0	8402	N.D.	0.108 #
41)	L9 AR-1268-1	0.000	7.630	0	23201	N.D.	0.085 #
42)	L9 AR-1268-2	0.000	7.691	0	24276	N.D.	0.100 #
43)	L9 AR-1268-3	0.000	7.894	0	299161	N.D.	1.399 #

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 Quant Time: Oct 11 01:32:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
 Quant Title : GC EXTRACTABLES
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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
44) L9	AR-1268-4	0.000	8.188	0	8402	N.D.	0.096 #
45) L9	AR-1268-5	0.000	8.488	0	71251	N.D.	0.114 #

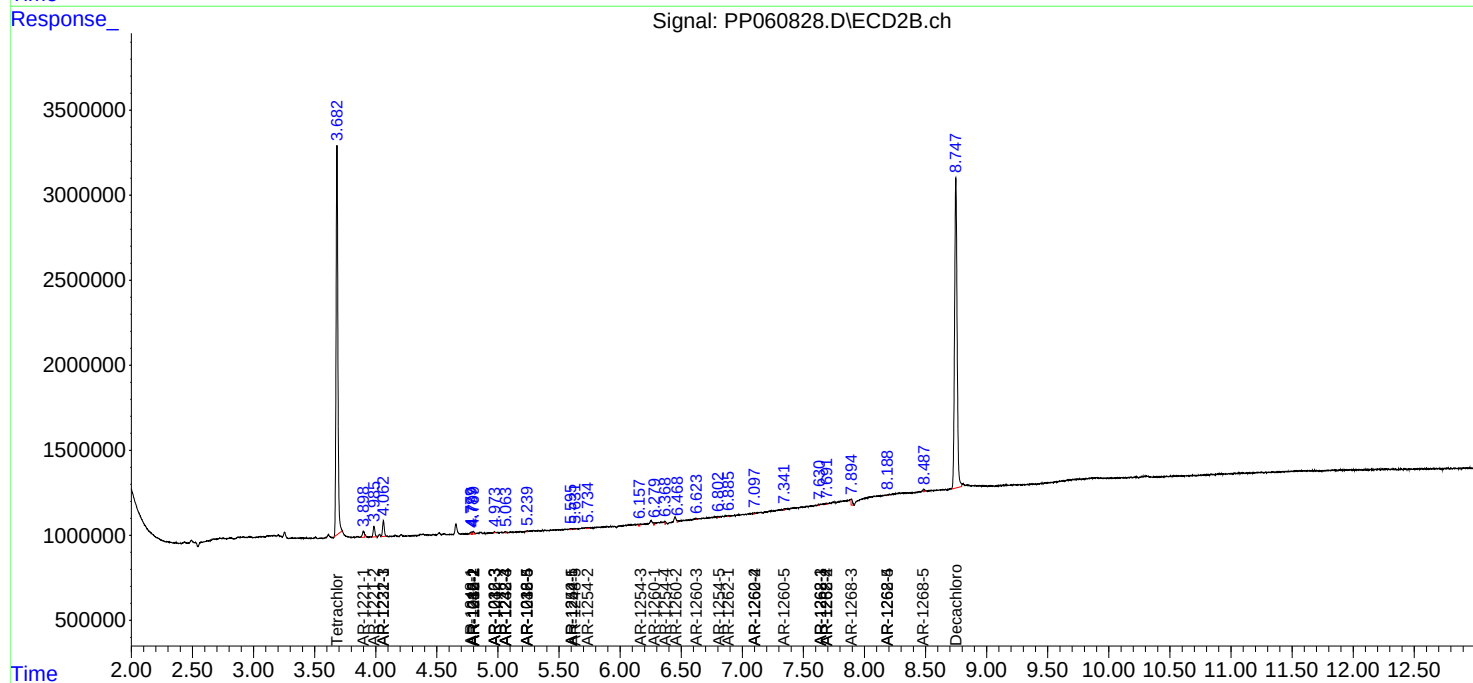
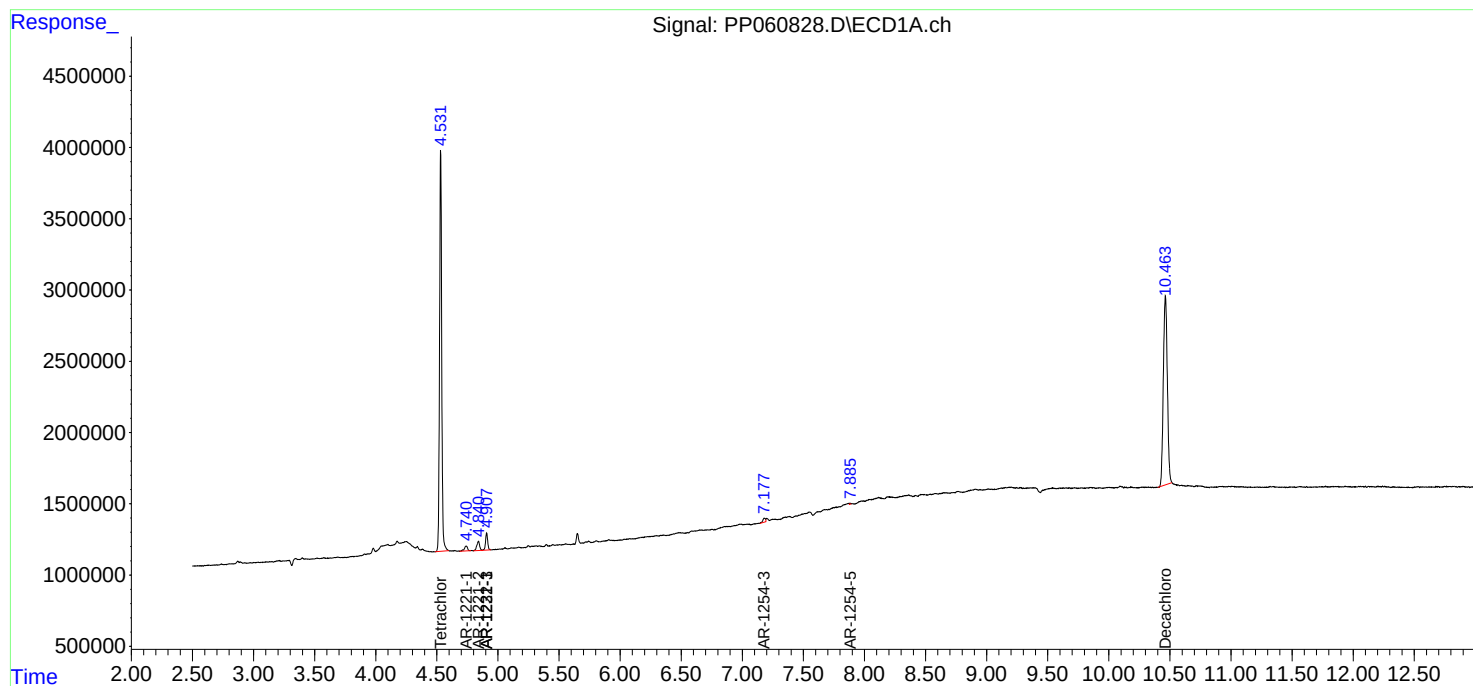
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

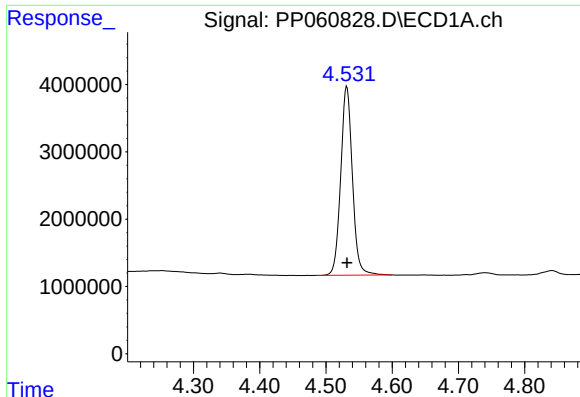
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101023\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

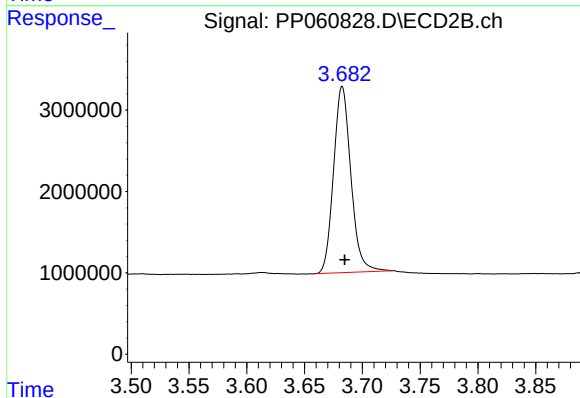




#1 Tetrachloro-m-xylene

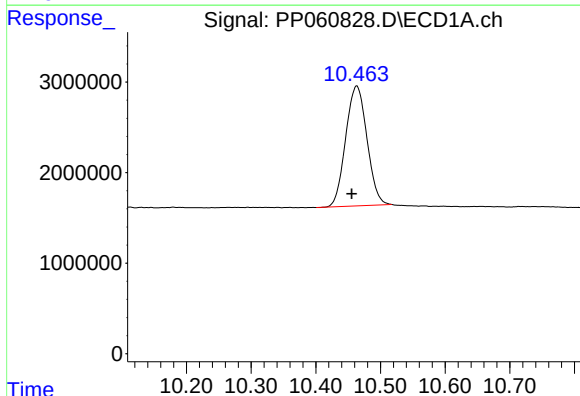
R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 34432366
Conc: 15.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



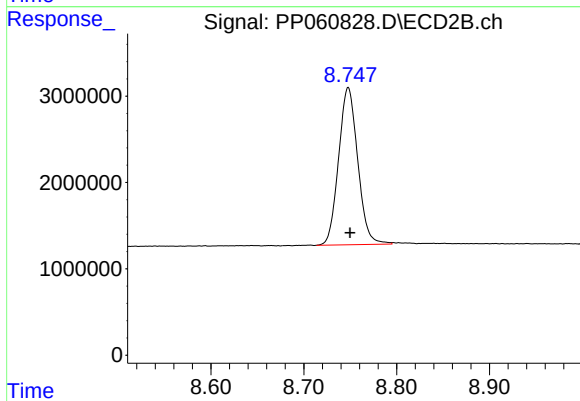
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.002 min
Response: 23875916
Conc: 16.04 ng/ml



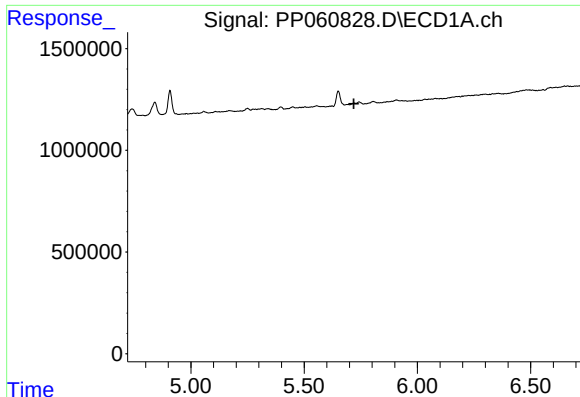
#2 Decachlorobiphenyl

R.T.: 10.463 min
Delta R.T.: 0.008 min
Response: 30271025
Conc: 17.15 ng/ml



#2 Decachlorobiphenyl

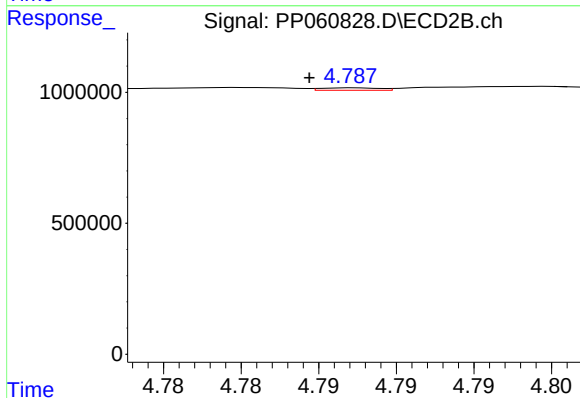
R.T.: 8.748 min
Delta R.T.: -0.002 min
Response: 26107497
Conc: 16.01 ng/ml



#3 AR-1016-1

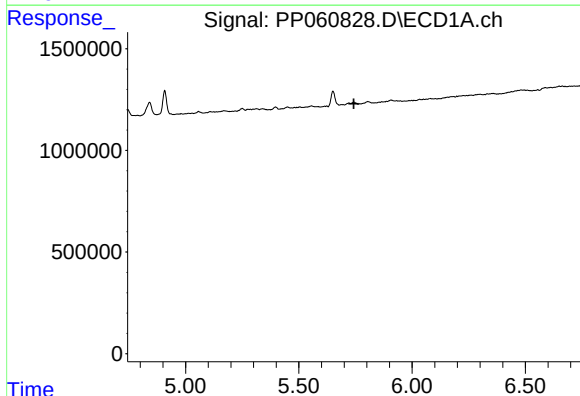
R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



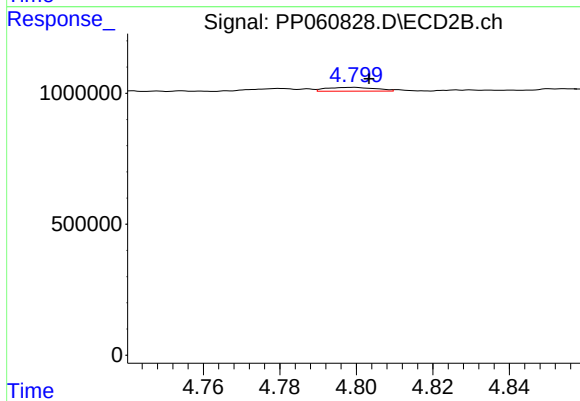
#3 AR-1016-1

R.T.: 4.787 min
Delta R.T.: 0.003 min
Response: 24918
Conc: 0.43 ng/ml



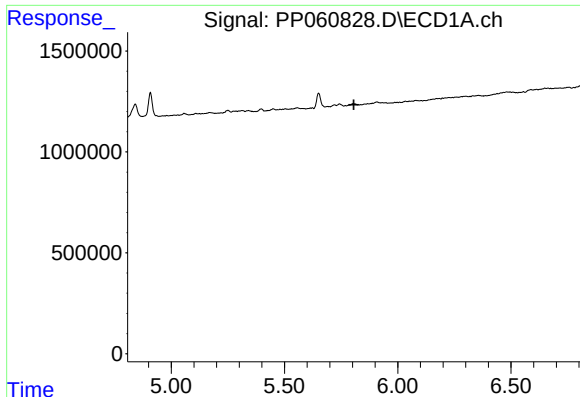
#4 AR-1016-2

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



#4 AR-1016-2

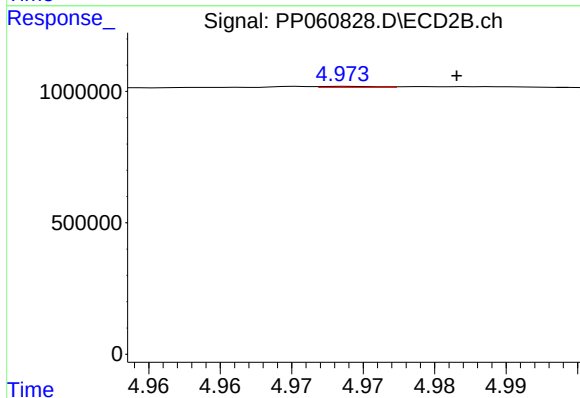
R.T.: 4.799 min
Delta R.T.: -0.004 min
Response: 131940
Conc: 1.64 ng/ml



#5 AR-1016-3

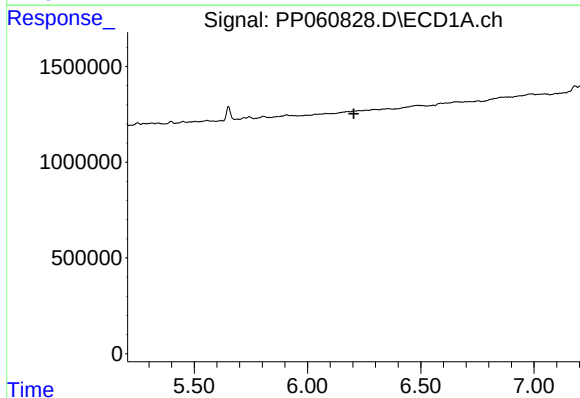
R.T.: 0.000 min
Exp R.T. : 5.806 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



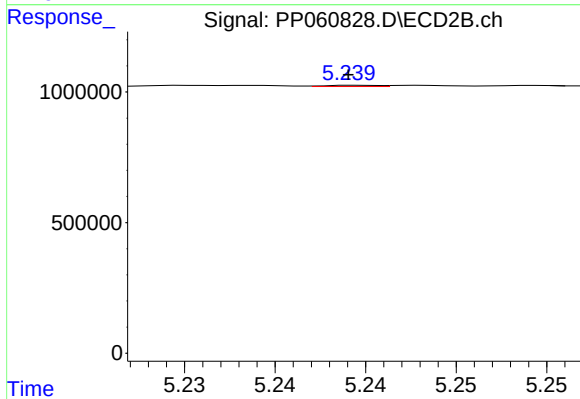
#5 AR-1016-3

R.T.: 4.974 min
Delta R.T.: -0.008 min
Response: 11336
Conc: 0.25 ng/ml



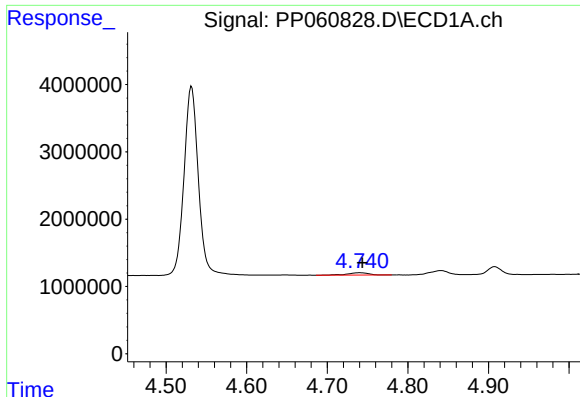
#7 AR-1016-5

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



#7 AR-1016-5

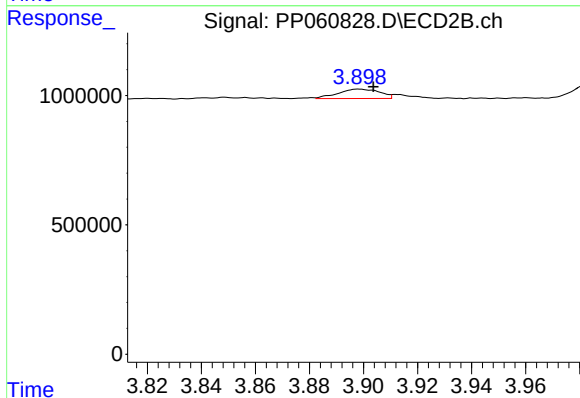
R.T.: 5.240 min
Delta R.T.: 0.000 min
Response: 9328
Conc: 0.19 ng/ml



#8 AR-1221-1

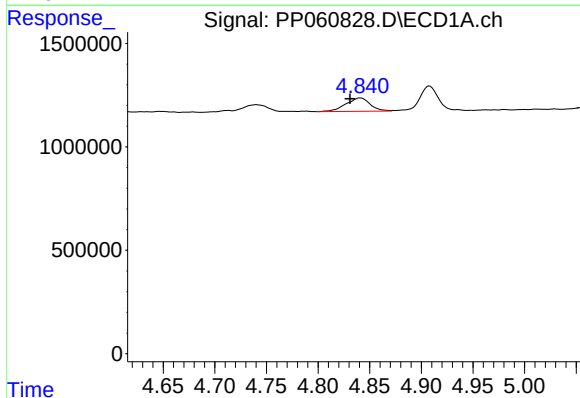
R.T.: 4.741 min
Delta R.T.: -0.003 min
Response: 625728
Conc: 21.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



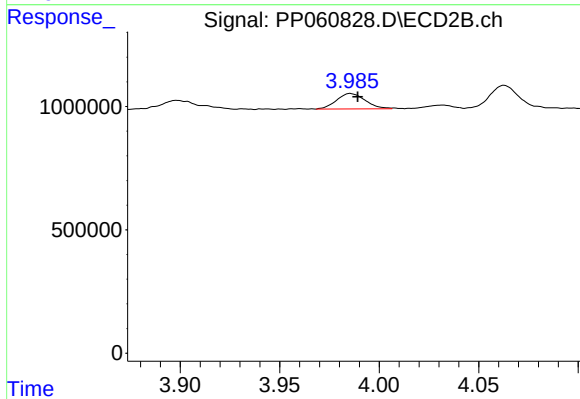
#8 AR-1221-1

R.T.: 3.898 min
Delta R.T.: -0.006 min
Response: 388355
Conc: 18.59 ng/ml



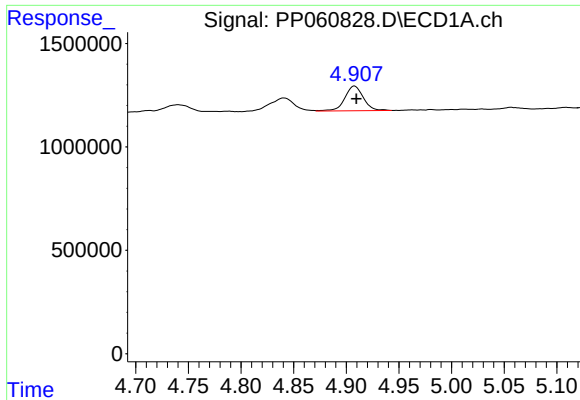
#9 AR-1221-2

R.T.: 4.841 min
Delta R.T.: 0.010 min
Response: 1044091
Conc: 48.87 ng/ml



#9 AR-1221-2

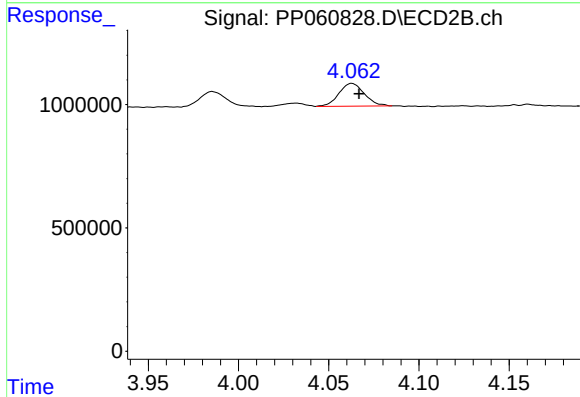
R.T.: 3.985 min
Delta R.T.: -0.004 min
Response: 622688
Conc: 41.76 ng/ml



#10 AR-1221-3

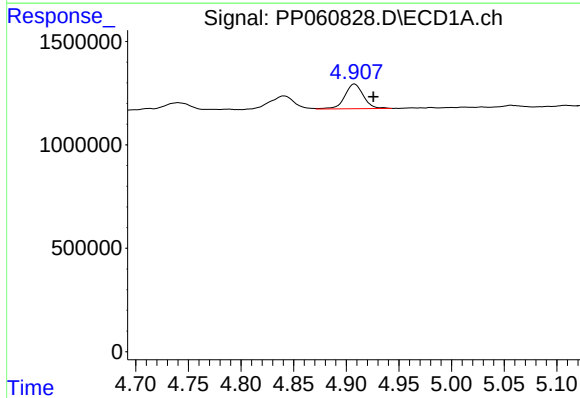
R.T.: 4.908 min
Delta R.T.: -0.002 min
Response: 1462457
Conc: 24.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



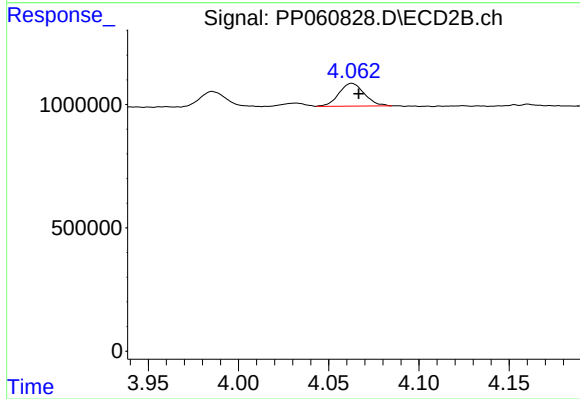
#10 AR-1221-3

R.T.: 4.063 min
Delta R.T.: -0.004 min
Response: 903632
Conc: 20.57 ng/ml



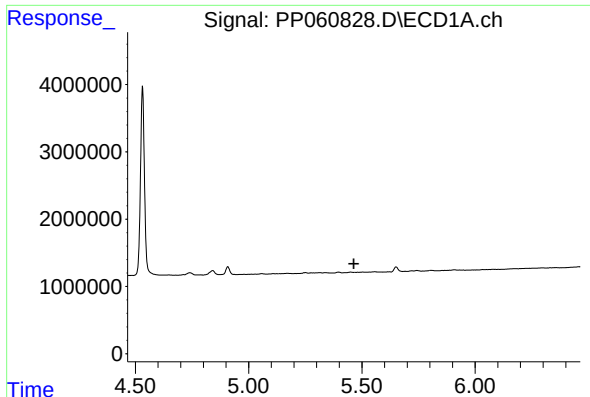
#11 AR-1232-1

R.T.: 4.908 min
Delta R.T.: -0.018 min
Response: 1462457
Conc: 29.05 ng/ml



#11 AR-1232-1

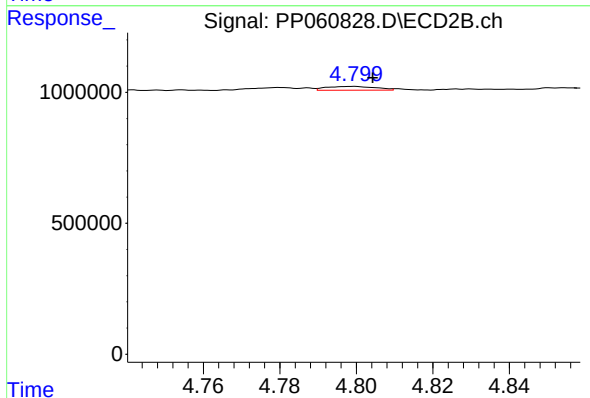
R.T.: 4.063 min
Delta R.T.: -0.004 min
Response: 903632
Conc: 24.83 ng/ml



#12 AR-1232-2

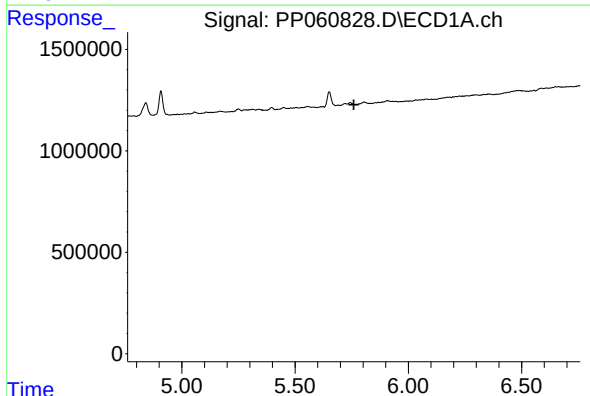
R.T.: 0.000 min
Exp R.T.: 5.464 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



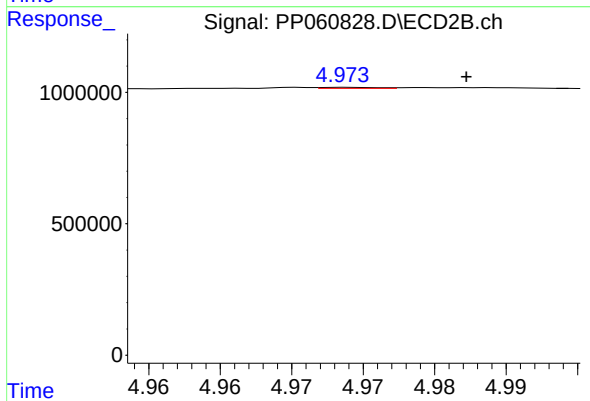
#12 AR-1232-2

R.T.: 4.799 min
Delta R.T.: -0.005 min
Response: 131940
Conc: 3.62 ng/ml



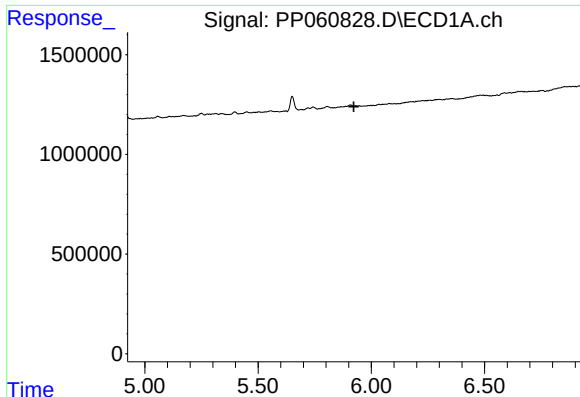
#13 AR-1232-3

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



#13 AR-1232-3

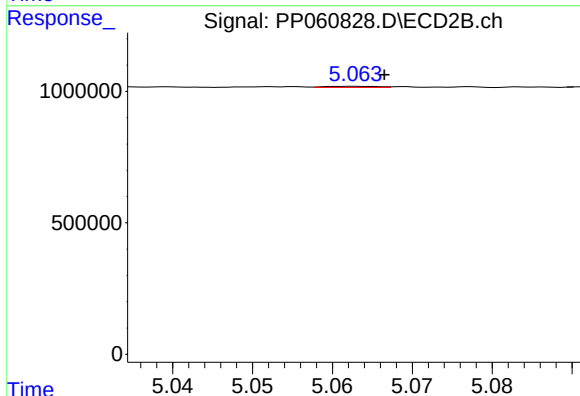
R.T.: 4.974 min
Delta R.T.: -0.009 min
Response: 11336
Conc: 0.57 ng/ml



#14 AR-1232-4

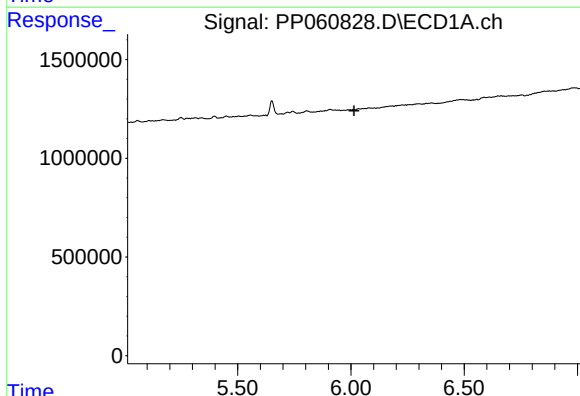
R.T.: 0.000 min
Exp R.T.: 5.922 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



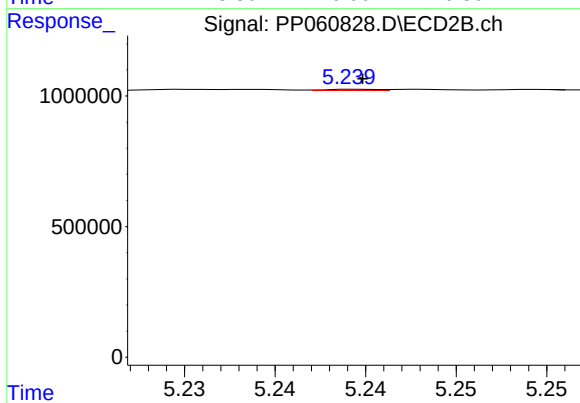
#14 AR-1232-4

R.T.: 5.063 min
Delta R.T.: -0.004 min
Response: 18578
Conc: 1.00 ng/ml



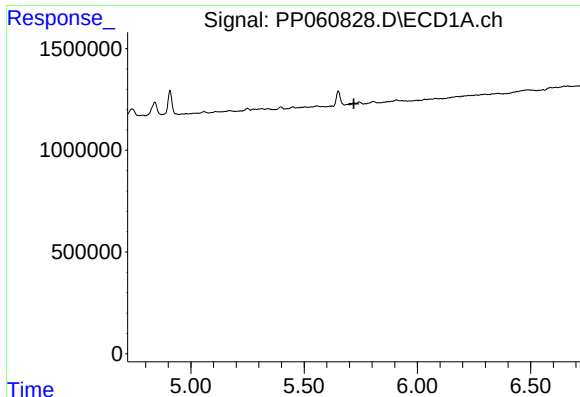
#15 AR-1232-5

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



#15 AR-1232-5

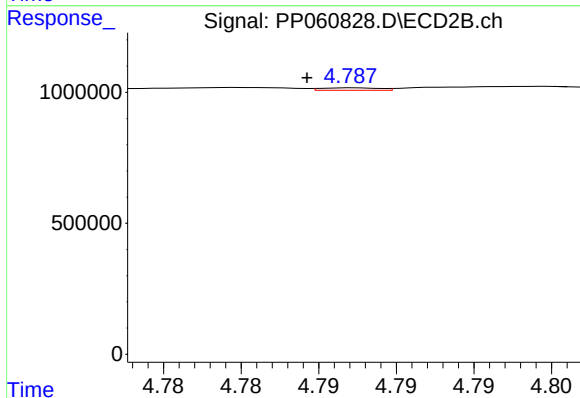
R.T.: 5.240 min
Delta R.T.: 0.000 min
Response: 9328
Conc: 0.45 ng/ml



#16 AR-1242-1

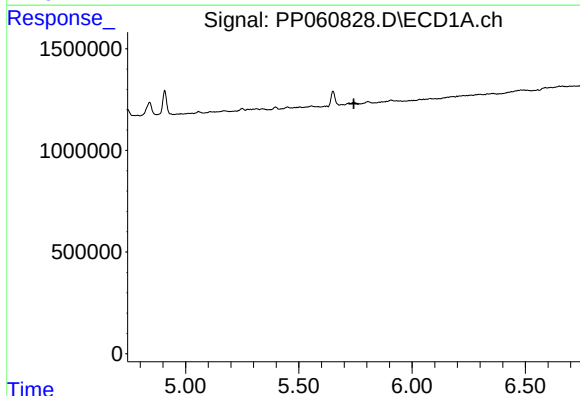
R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



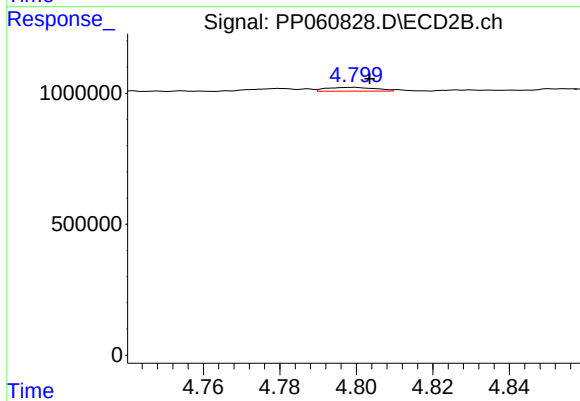
#16 AR-1242-1

R.T.: 4.787 min
Delta R.T.: 0.003 min
Response: 24918
Conc: 0.49 ng/ml



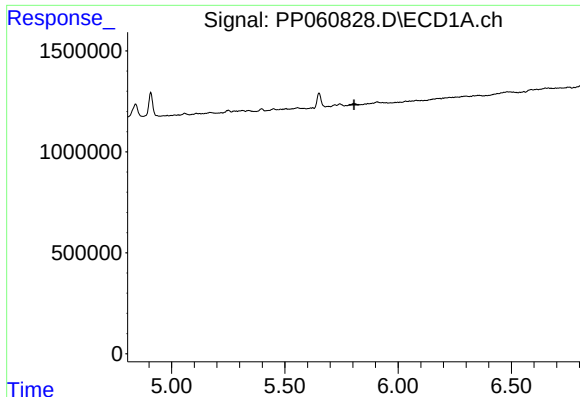
#17 AR-1242-2

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



#17 AR-1242-2

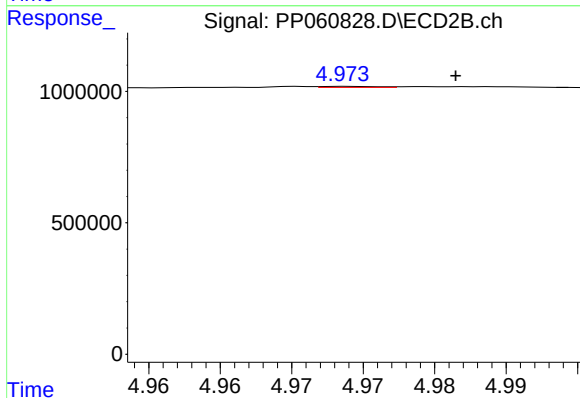
R.T.: 4.799 min
Delta R.T.: -0.004 min
Response: 131940
Conc: 1.90 ng/ml



#18 AR-1242-3

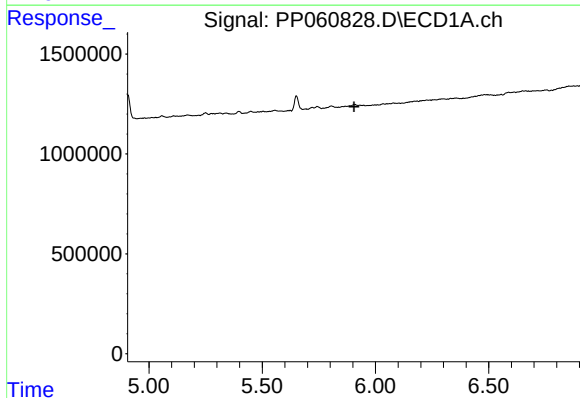
R.T.: 0.000 min
Exp R.T.: 5.805 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



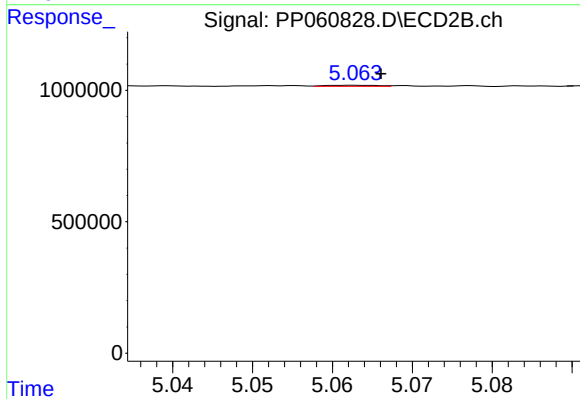
#18 AR-1242-3

R.T.: 4.974 min
Delta R.T.: -0.008 min
Response: 11336
Conc: 0.29 ng/ml



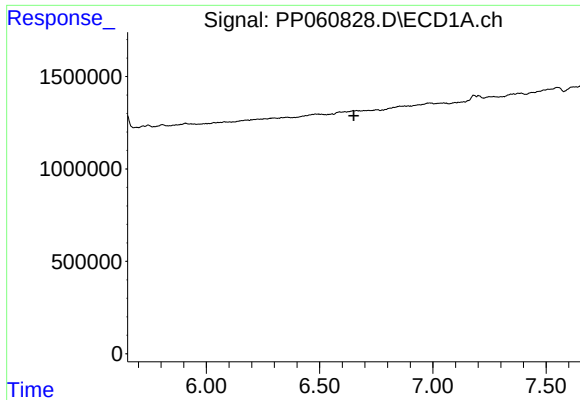
#19 AR-1242-4

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



#19 AR-1242-4

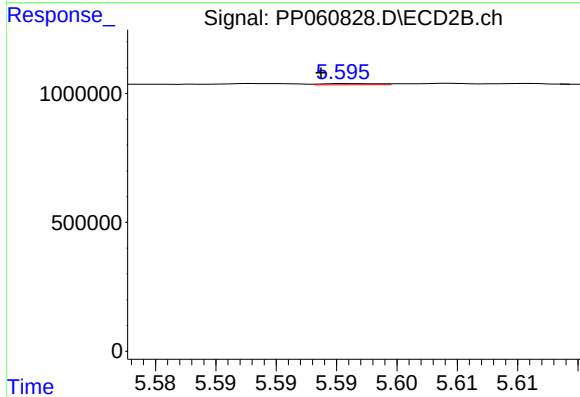
R.T.: 5.063 min
Delta R.T.: -0.003 min
Response: 18578
Conc: 0.47 ng/ml



#20 AR-1242-5

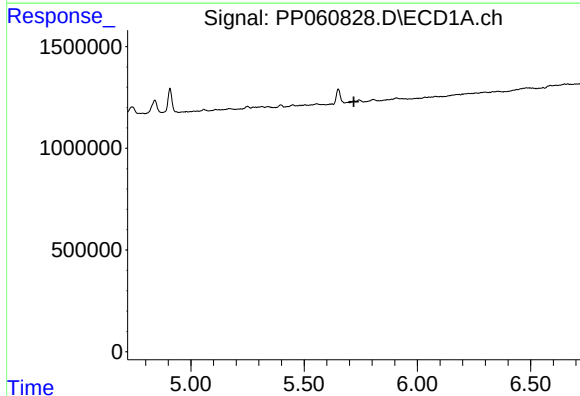
R.T.: 0.000 min
Exp R.T.: 6.652 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



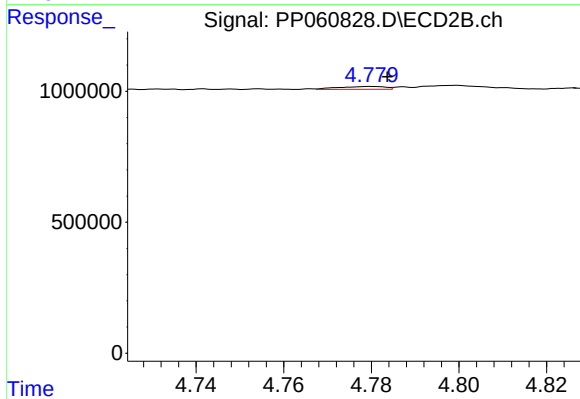
#20 AR-1242-5

R.T.: 5.596 min
Delta R.T.: 0.002 min
Response: 15731
Conc: 0.32 ng/ml



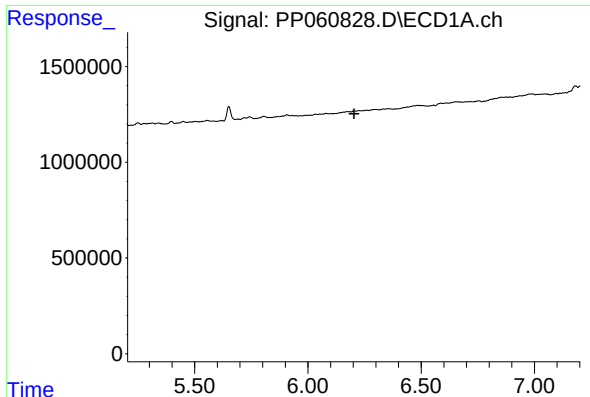
#21 AR-1248-1

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



#21 AR-1248-1

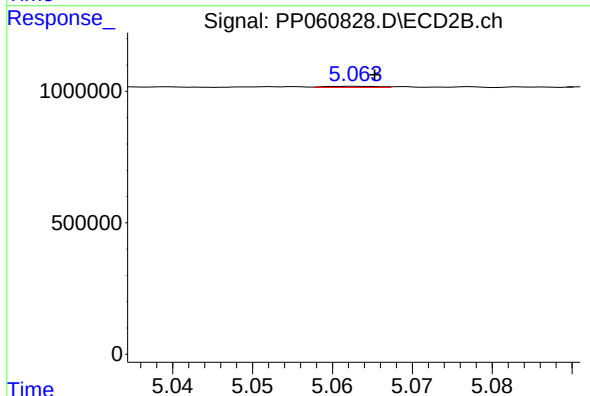
R.T.: 4.780 min
Delta R.T.: -0.004 min
Response: 81545
Conc: 2.23 ng/ml



#23 AR-1248-3

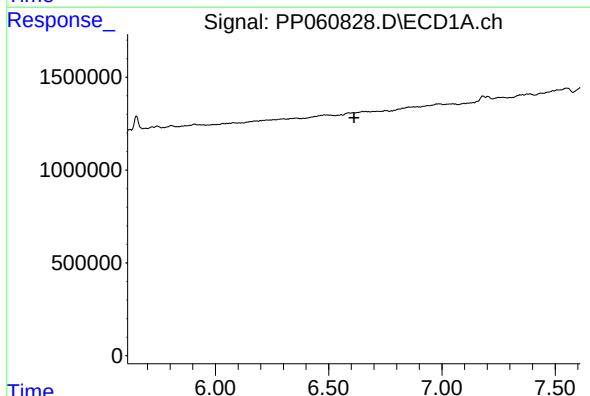
R.T.: 0.000 min
Exp R.T.: 6.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



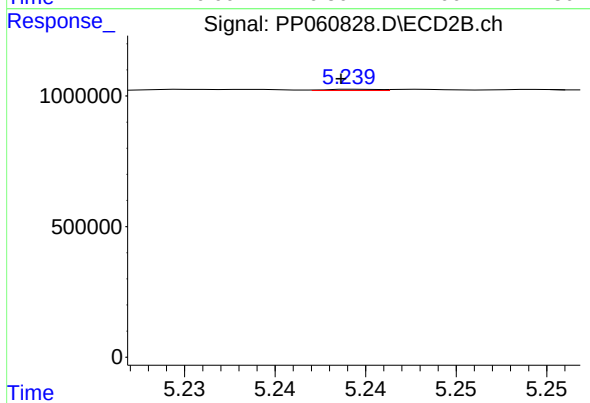
#23 AR-1248-3

R.T.: 5.063 min
Delta R.T.: -0.002 min
Response: 18578
Conc: 0.33 ng/ml



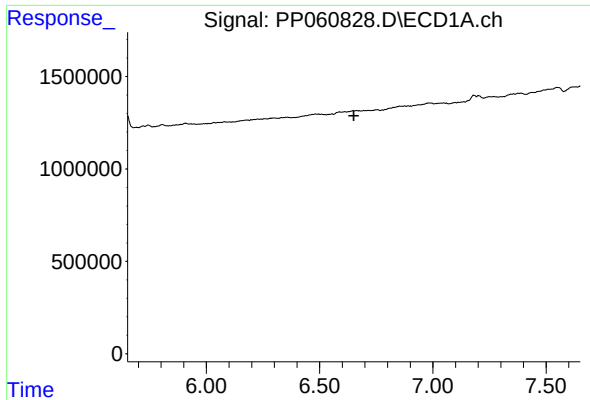
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 6.612 min
Response: 0
Conc: N.D.



#24 AR-1248-4

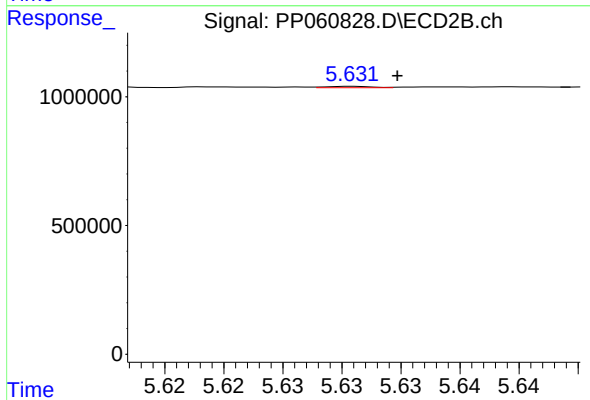
R.T.: 5.240 min
Delta R.T.: 0.000 min
Response: 9328
Conc: 0.14 ng/ml



#25 AR-1248-5

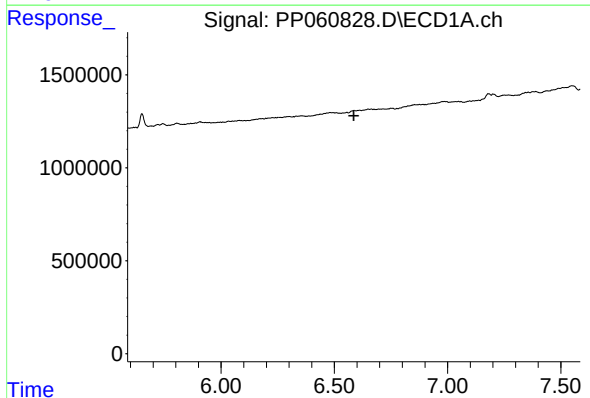
R.T.: 0.000 min
Exp R.T.: 6.651 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



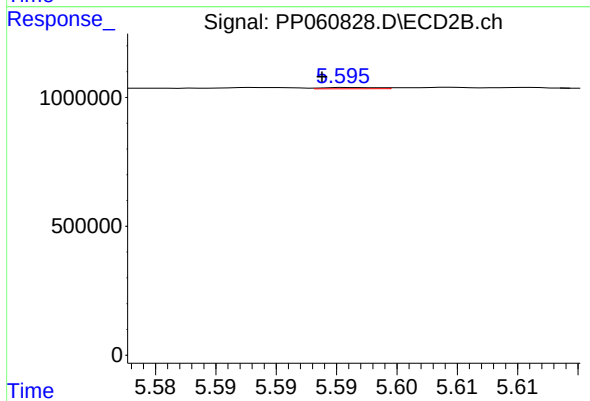
#25 AR-1248-5

R.T.: 5.631 min
Delta R.T.: -0.004 min
Response: 14674
Conc: 0.23 ng/ml



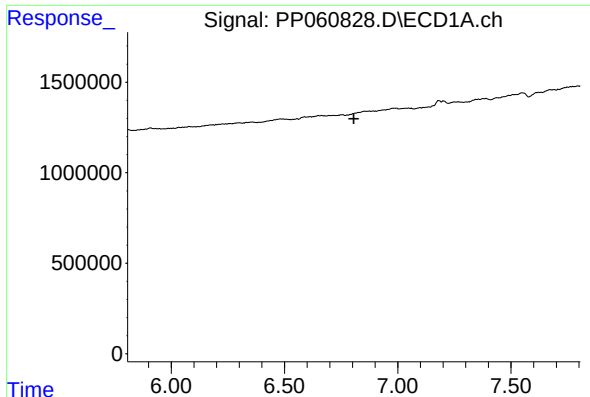
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 6.586 min
Response: 0
Conc: N.D.



#26 AR-1254-1

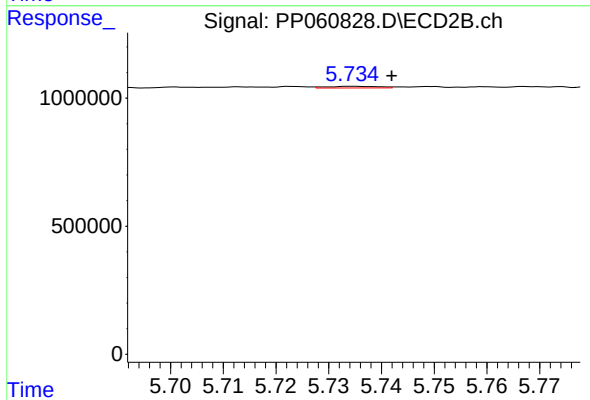
R.T.: 5.596 min
Delta R.T.: 0.002 min
Response: 15731
Conc: 0.16 ng/ml



#27 AR-1254-2

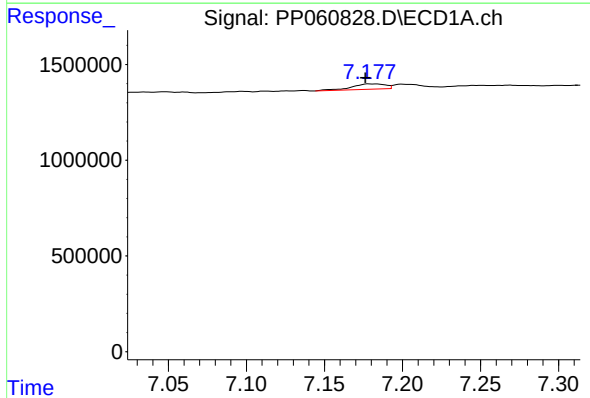
R.T.: 0.000 min
Exp R.T.: 6.806 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



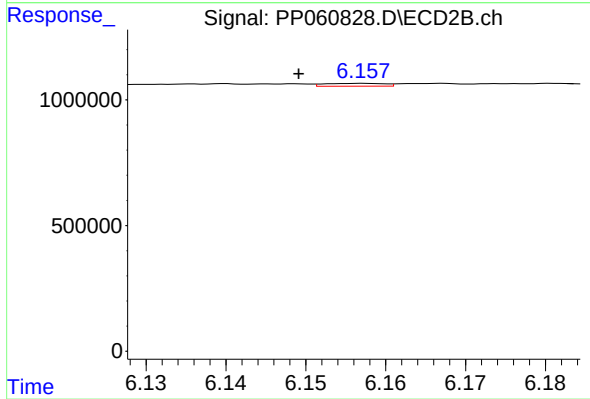
#27 AR-1254-2

R.T.: 5.734 min
Delta R.T.: -0.008 min
Response: 42001
Conc: 0.49 ng/ml



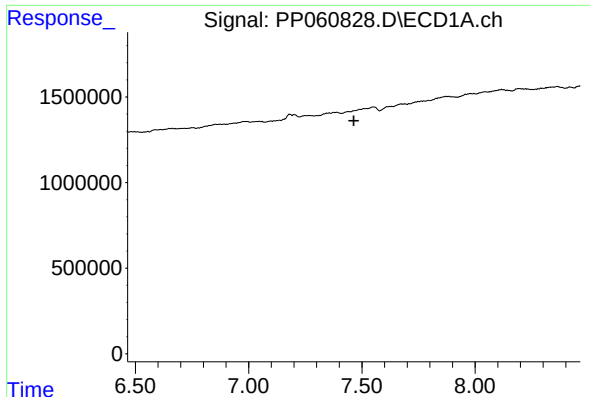
#28 AR-1254-3

R.T.: 7.179 min
Delta R.T.: 0.002 min
Response: 418386
Conc: 3.15 ng/ml



#28 AR-1254-3

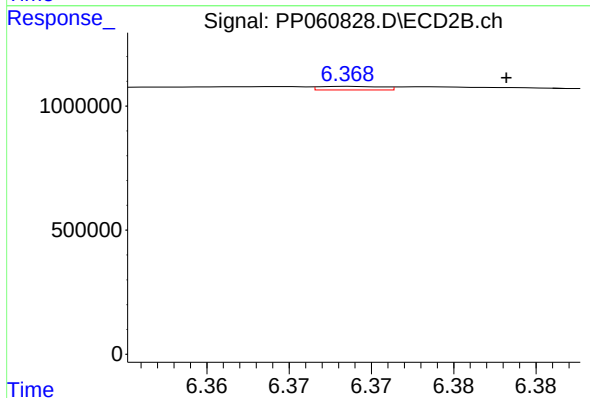
R.T.: 6.157 min
Delta R.T.: 0.008 min
Response: 58708
Conc: 0.41 ng/ml



#29 AR-1254-4

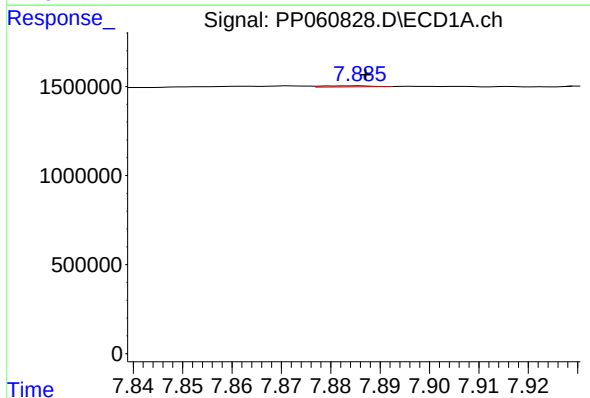
R.T.: 0.000 min
Exp R.T.: 7.464 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



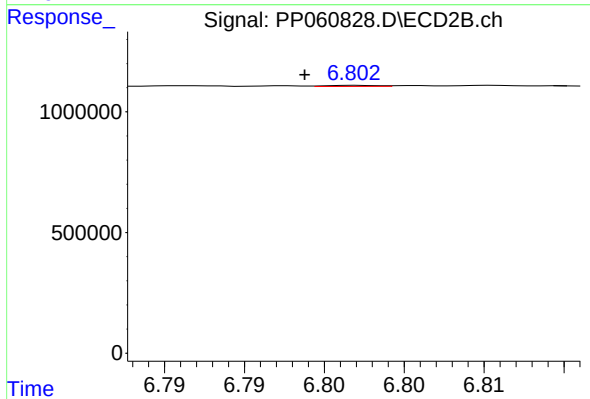
#29 AR-1254-4

R.T.: 6.369 min
Delta R.T.: -0.009 min
Response: 38454
Conc: 0.44 ng/ml



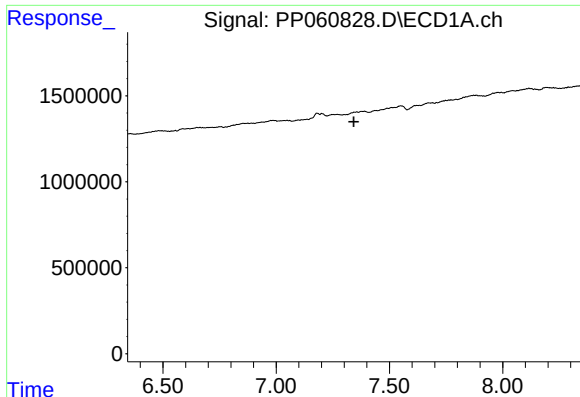
#30 AR-1254-5

R.T.: 7.885 min
Delta R.T.: -0.002 min
Response: 39648
Conc: 0.37 ng/ml



#30 AR-1254-5

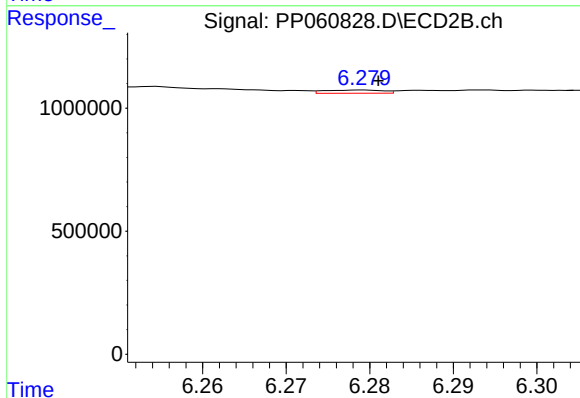
R.T.: 6.802 min
Delta R.T.: 0.003 min
Response: 10082
Conc: 0.08 ng/ml



#31 AR-1260-1

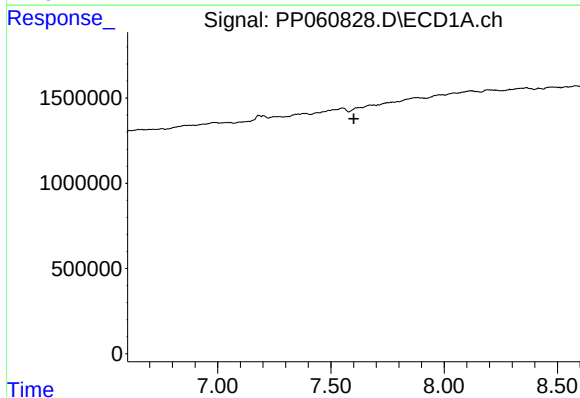
R.T.: 0.000 min
Exp R.T.: 7.343 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



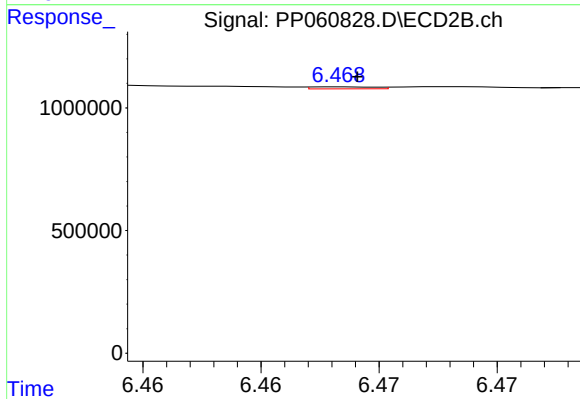
#31 AR-1260-1

R.T.: 6.279 min
Delta R.T.: -0.002 min
Response: 63239
Conc: 0.63 ng/ml



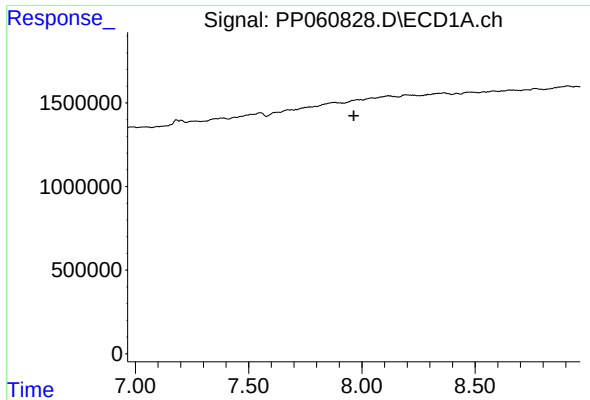
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 7.601 min
Response: 0
Conc: N.D.



#32 AR-1260-2

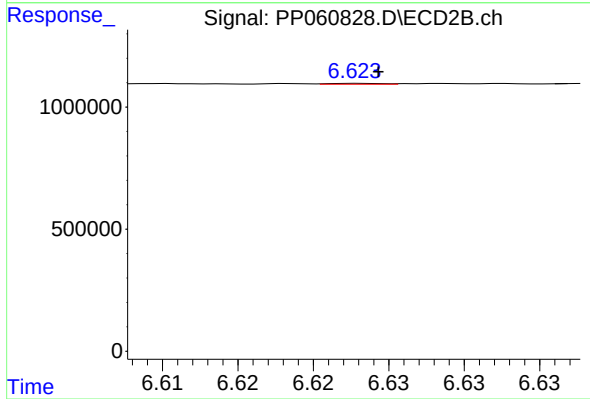
R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 14942
Conc: 0.13 ng/ml



#33 AR-1260-3

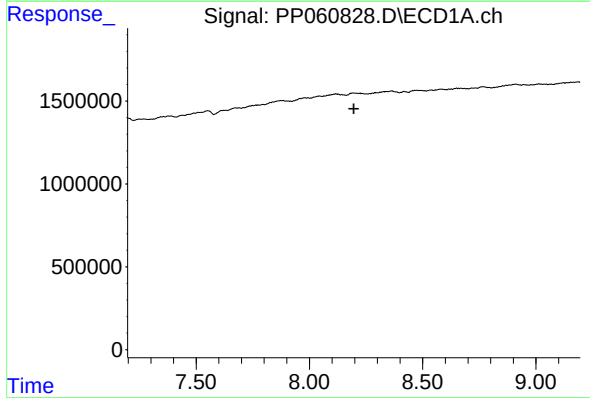
R.T.: 0.000 min
Exp R.T.: 7.964 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



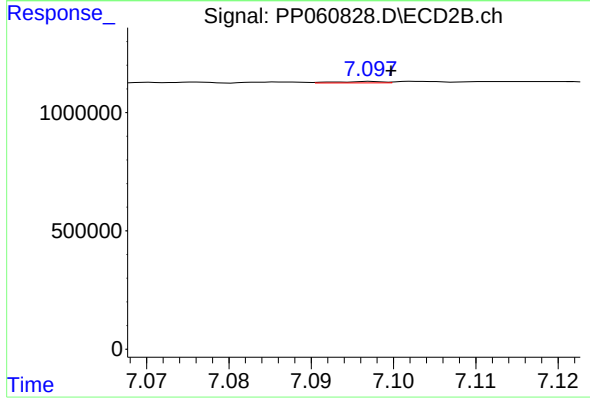
#33 AR-1260-3

R.T.: 6.623 min
Delta R.T.: -0.001 min
Response: 8386
Conc: 0.07 ng/ml



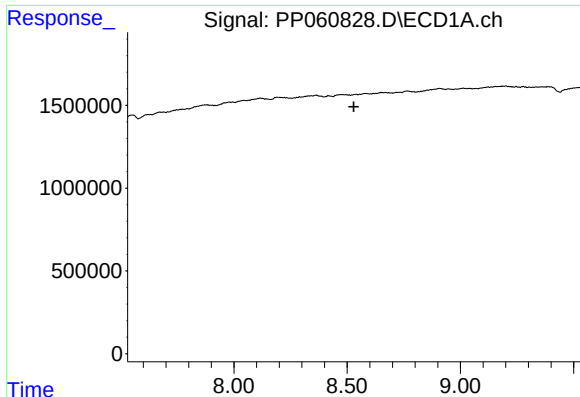
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 8.196 min
Response: 0
Conc: N.D.



#34 AR-1260-4

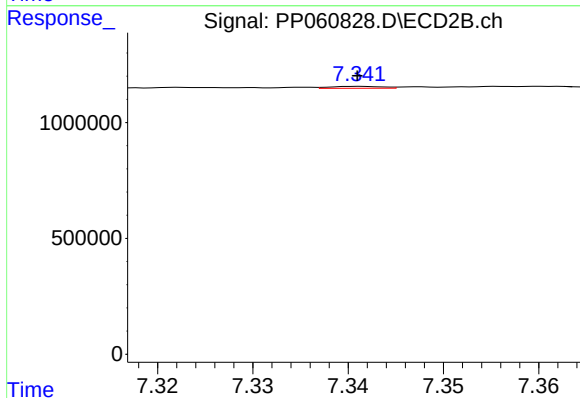
R.T.: 7.097 min
Delta R.T.: -0.002 min
Response: 24280
Conc: 0.26 ng/ml



#35 AR-1260-5

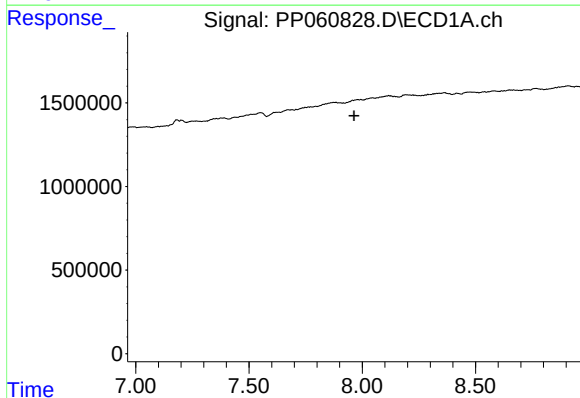
R.T.: 0.000 min
Exp R.T.: 8.530 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



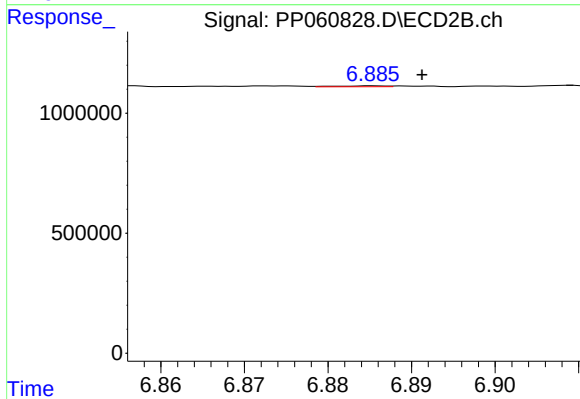
#35 AR-1260-5

R.T.: 7.341 min
Delta R.T.: 0.000 min
Response: 31802
Conc: 0.15 ng/ml



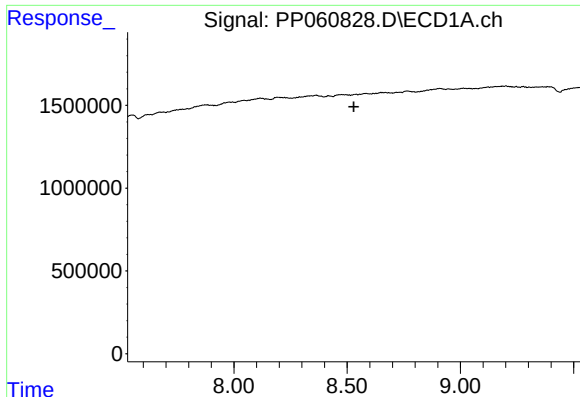
#36 AR-1262-1

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



#36 AR-1262-1

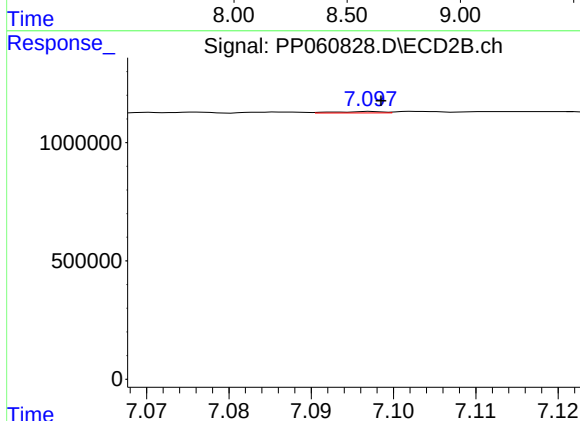
R.T.: 6.885 min
Delta R.T.: -0.006 min
Response: 14864
Conc: 0.28 ng/ml



#37 AR-1262-2

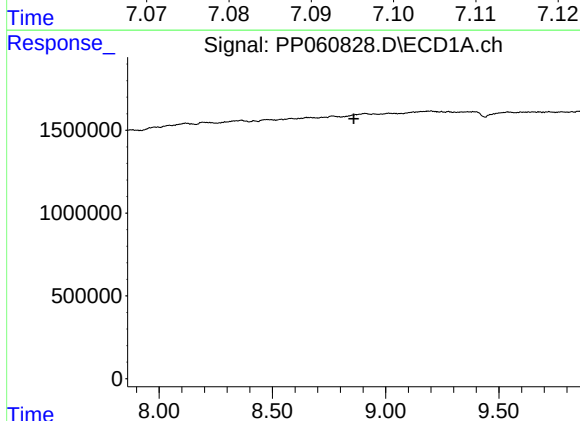
R.T.: 0.000 min
Exp R.T.: 8.529 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



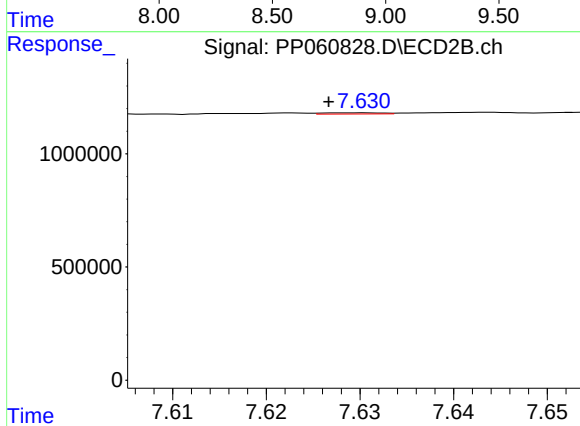
#37 AR-1262-2

R.T.: 7.097 min
Delta R.T.: -0.001 min
Response: 24280
Conc: 0.21 ng/ml



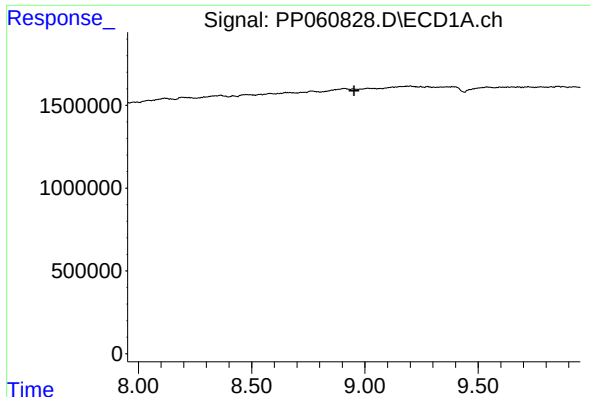
#38 AR-1262-3

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



#38 AR-1262-3

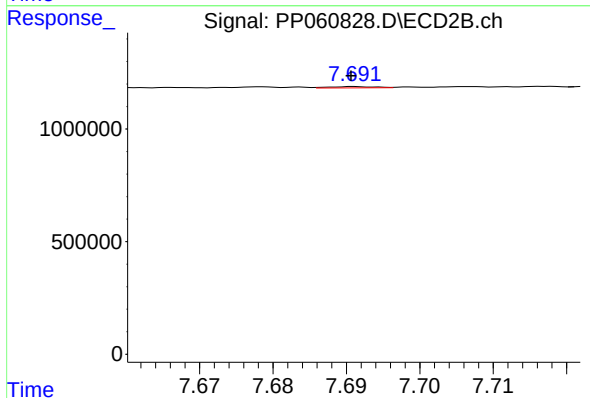
R.T.: 7.630 min
Delta R.T.: 0.004 min
Response: 23201
Conc: 0.25 ng/ml



#39 AR-1262-4

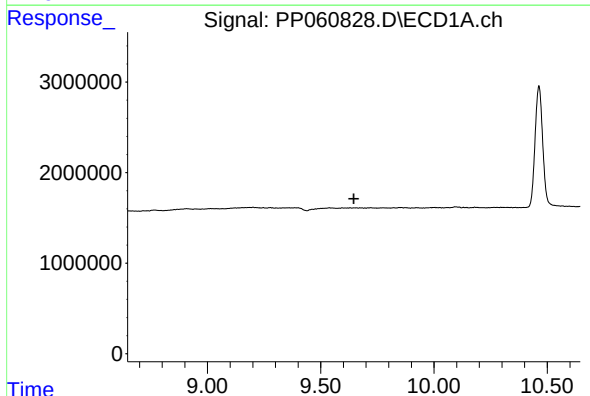
R.T.: 0.000 min
Exp R.T.: 8.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



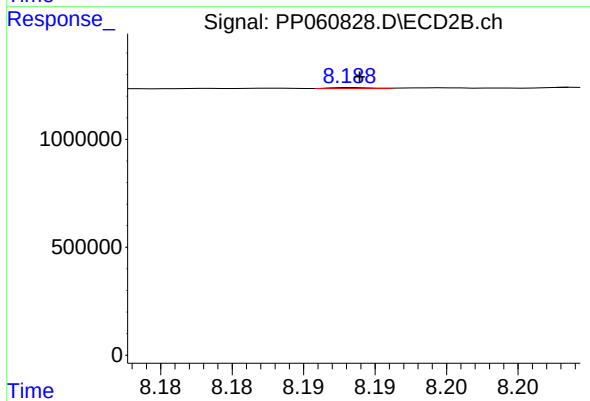
#39 AR-1262-4

R.T.: 7.691 min
Delta R.T.: 0.000 min
Response: 24276
Conc: 0.14 ng/ml



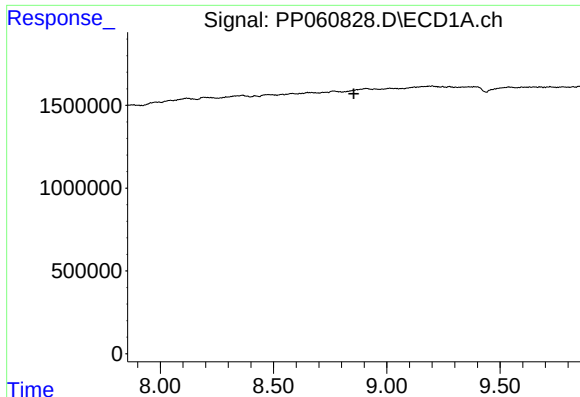
#40 AR-1262-5

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



#40 AR-1262-5

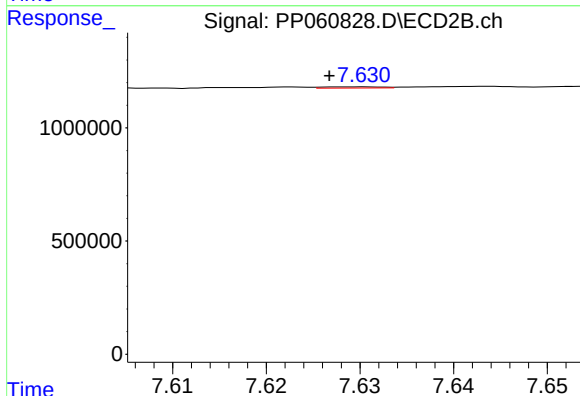
R.T.: 8.188 min
Delta R.T.: 0.000 min
Response: 8402
Conc: 0.11 ng/ml



#41 AR-1268-1

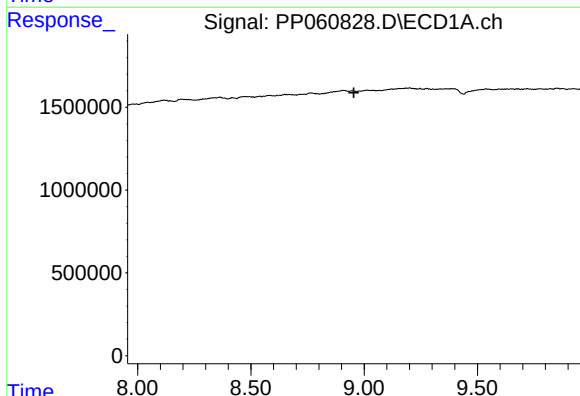
R.T.: 0.000 min
Exp R.T. : 8.855 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



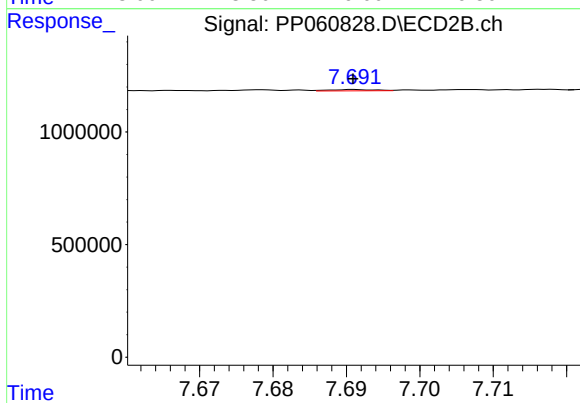
#41 AR-1268-1

R.T.: 7.630 min
Delta R.T.: 0.004 min
Response: 23201
Conc: 0.09 ng/ml



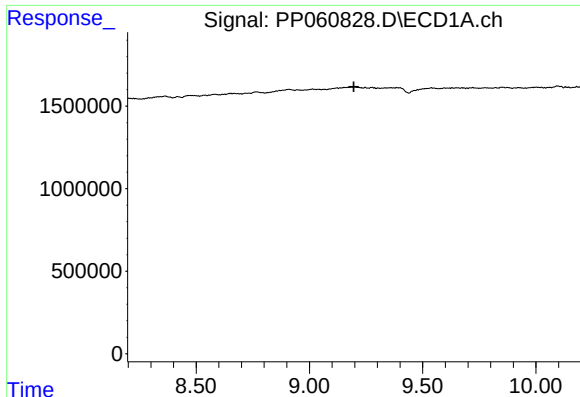
#42 AR-1268-2

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



#42 AR-1268-2

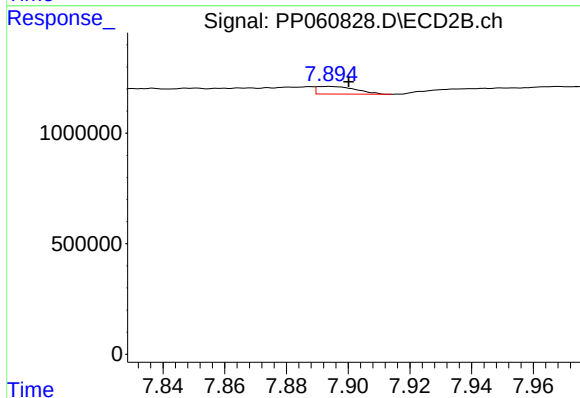
R.T.: 7.691 min
Delta R.T.: 0.000 min
Response: 24276
Conc: 0.10 ng/ml



#43 AR-1268-3

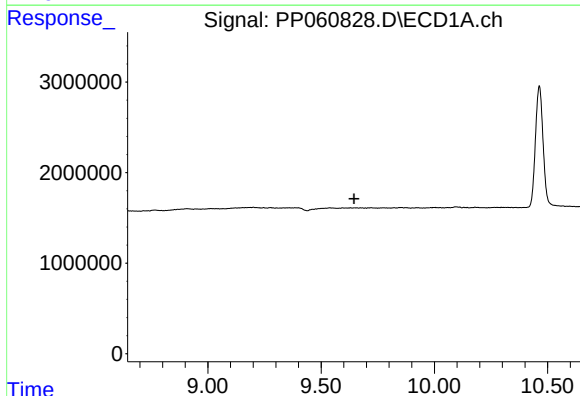
R.T.: 0.000 min
Exp R.T. : 9.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



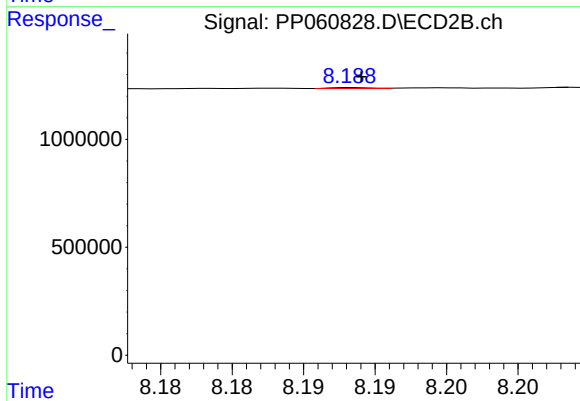
#43 AR-1268-3

R.T.: 7.894 min
Delta R.T.: -0.006 min
Response: 299161
Conc: 1.40 ng/ml



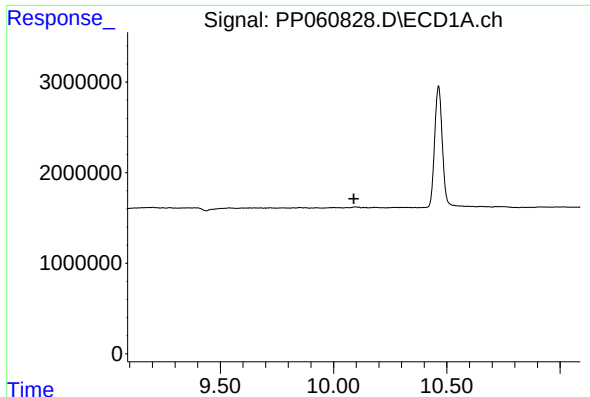
#44 AR-1268-4

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



#44 AR-1268-4

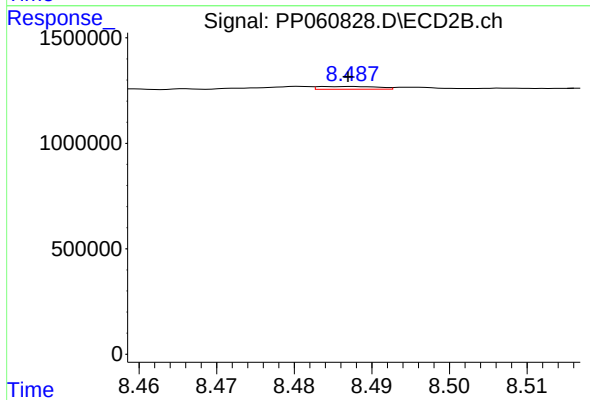
R.T.: 8.188 min
Delta R.T.: 0.000 min
Response: 8402
Conc: 0.10 ng/ml



#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.: 8.488 min
Delta R.T.: 0.000 min
Response: 71251
Conc: 0.11 ng/ml