

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092523\
 Data File : PP060210.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Sep 2023 15:44
 Operator : YP\AJ
 Sample : 04577-17
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 02:47:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP091823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 19 09:22:53 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...	4.508	3.664	25271165	19089881	12.148	11.720
2) SA Decachlor...	10.425	8.730	14115951	11751578	9.254	7.761
Target Compounds						
3) L1 AR-1016-1	0.000	4.776	0	10258	N.D.	0.171 #
4) L1 AR-1016-2	0.000	4.802	0	107781	N.D.	1.299 #
5) L1 AR-1016-3	0.000	4.969	0	668342	N.D.	14.899 #
6) L1 AR-1016-4	0.000	5.002	0	117919	N.D.	3.342 #
7) L1 AR-1016-5	0.000	5.212f	0	95507	N.D.	2.054 #
8) L2 AR-1221-1	4.718	3.893	9179459	372651	345.311	16.966 #
9) L2 AR-1221-2	4.818	3.965	794083	922721	40.344	59.766 #
10) L2 AR-1221-3	0.000	4.047	0	19447	N.D.	0.415 #
11) L3 AR-1232-1	0.000	4.047	0	19447	N.D.	0.512 #
12) L3 AR-1232-2	0.000	4.802	0	107781	N.D.	2.923 #
13) L3 AR-1232-3	0.000	4.969	0	668342	N.D.	33.378 #
14) L3 AR-1232-4	0.000	5.042	0	69921	N.D.	3.828 #
15) L3 AR-1232-5	0.000	5.212f	0	95507	N.D.	4.764 #
16) L4 AR-1242-1	0.000	4.776	0	10258	N.D.	0.195 #
17) L4 AR-1242-2	0.000	4.802	0	107781	N.D.	1.496 #
18) L4 AR-1242-3	0.000	4.969	0	668342	N.D.	17.078 #
19) L4 AR-1242-4	0.000	5.042	0	69921	N.D.	1.784 #
20) L4 AR-1242-5	0.000	5.575	0	602394	N.D.	12.451 #
21) L5 AR-1248-1	0.000	4.776	0	10258	N.D.	0.263 #
22) L5 AR-1248-2	0.000	5.002	0	117919	N.D.	2.176 #
23) L5 AR-1248-3	0.000	5.042	0	69921	N.D.	1.229 #
24) L5 AR-1248-4	6.567f	5.212f	625540	95507	8.088	1.422 #
25) L5 AR-1248-5	0.000	5.646f	0	58760	N.D.	0.891 #
26) L6 AR-1254-1	6.567	5.575	625540	602394	7.835	6.003
27) L6 AR-1254-2	6.787	5.720	919539	266959	7.677	3.073 #
28) L6 AR-1254-3	7.156	6.139	515656	43038	4.245	0.307 #
29) L6 AR-1254-4	7.441	6.361	254533	83185	2.862	0.988 #
30) L6 AR-1254-5	7.885	6.801	1255243	66661	12.904	0.562 #
31) L7 AR-1260-1	0.000	6.279	0	51732	N.D.	0.556 #
32) L7 AR-1260-2	7.566f	6.450	1738208	76093	16.944	0.694 #
33) L7 AR-1260-3	7.967f	6.604	1621857	229893	20.593	2.235 #
34) L7 AR-1260-4	8.179	7.095	302870	52278	3.379	0.628 #
35) L7 AR-1260-5	0.000	7.352f	0	14228	N.D.	0.074 #
36) L8 AR-1262-1	7.967f	6.894	1621857	7661	14.014	0.152 #
37) L8 AR-1262-2	0.000	7.095	0	52278	N.D.	0.463 #
38) L8 AR-1262-3	0.000	7.626	0	84594	N.D.	0.965 #
39) L8 AR-1262-4	8.919	7.710f	734591	23064	6.469	0.141 #
40) L8 AR-1262-5	0.000	8.206f	0	19095	N.D.	0.256 #
41) L9 AR-1268-1	0.000	7.626	0	84594	N.D.	0.325 #

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 Integrator: ChemStation

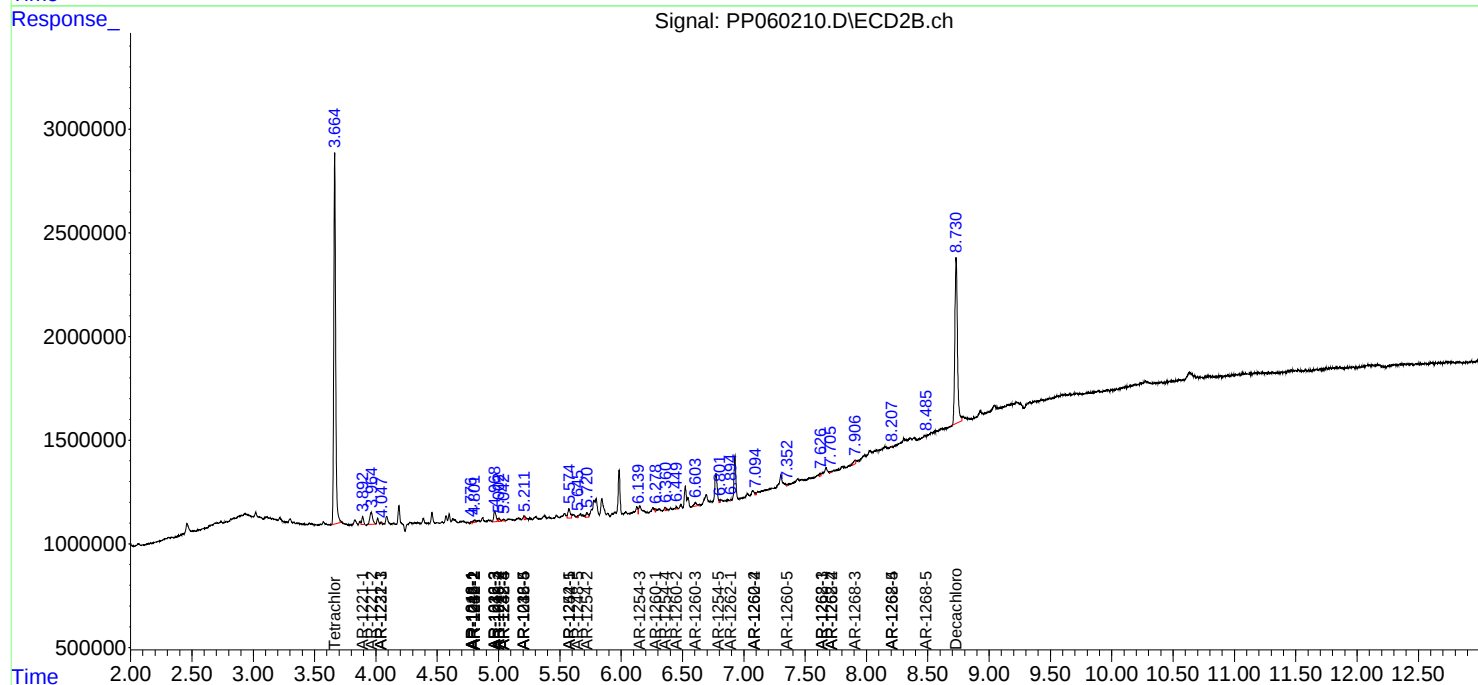
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

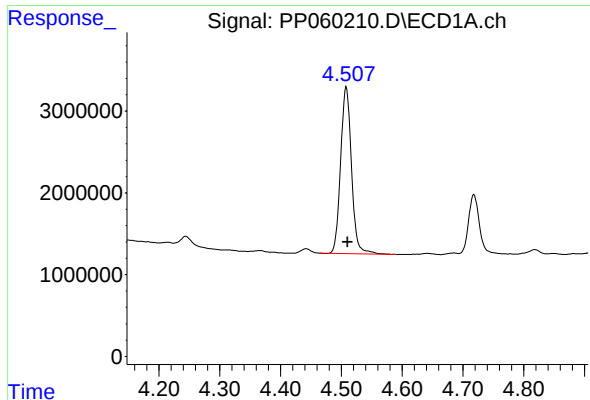
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.919f	7.710f	734591	23064	3.201	0.100 #
43) L9	AR-1268-3	0.000	7.907	0	234733	N.D.	1.150 #
44) L9	AR-1268-4	0.000	8.206f	0	19095	N.D.	0.236 #
45) L9	AR-1268-5	0.000	8.485	0	10712	N.D.	0.017 #

(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

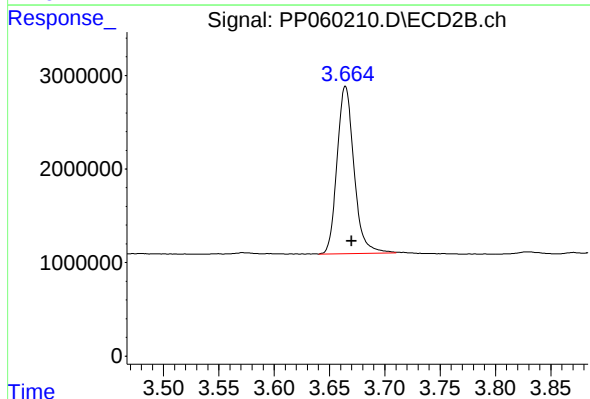




#1 Tetrachloro-m-xylene

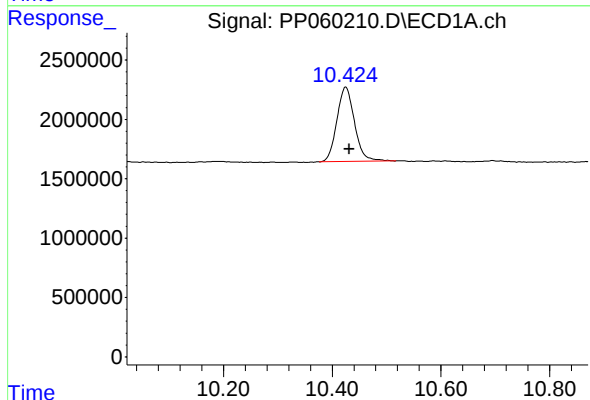
R.T.: 4.508 min
Delta R.T.: -0.002 min
Response: 25271165
Conc: 12.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



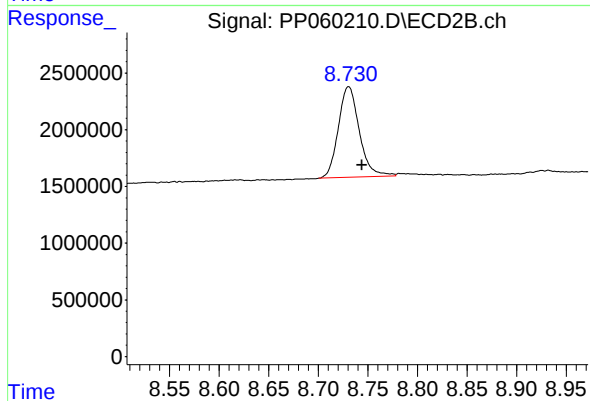
#1 Tetrachloro-m-xylene

R.T.: 3.664 min
Delta R.T.: -0.006 min
Response: 19089881
Conc: 11.72 ng/ml



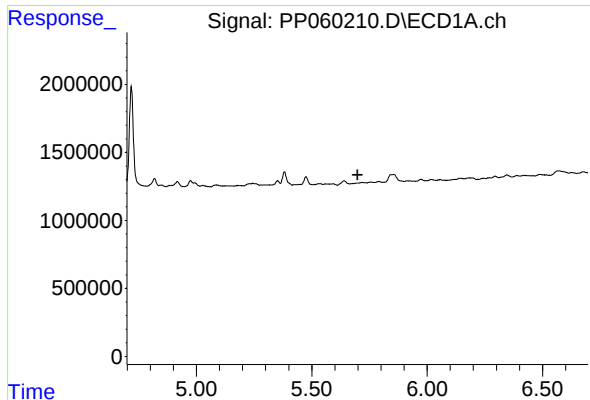
#2 Decachlorobiphenyl

R.T.: 10.425 min
Delta R.T.: -0.007 min
Response: 14115951
Conc: 9.25 ng/ml



#2 Decachlorobiphenyl

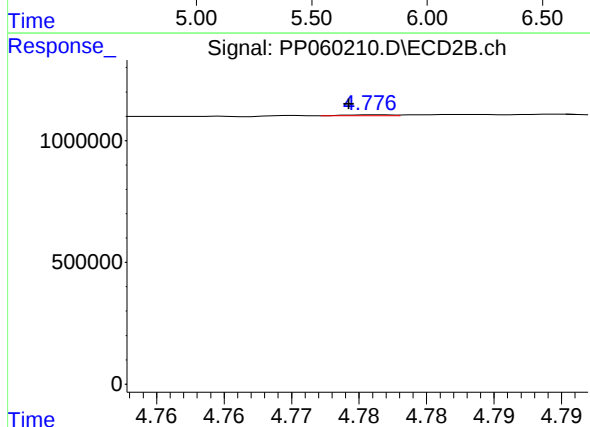
R.T.: 8.730 min
Delta R.T.: -0.014 min
Response: 11751578
Conc: 7.76 ng/ml



#3 AR-1016-1

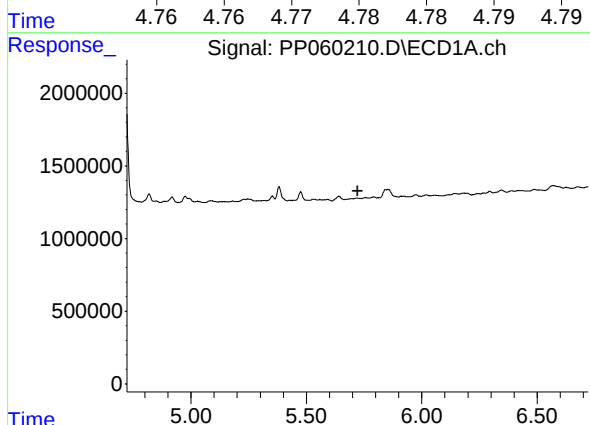
R.T.: 0.000 min
Exp R.T.: 5.699 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



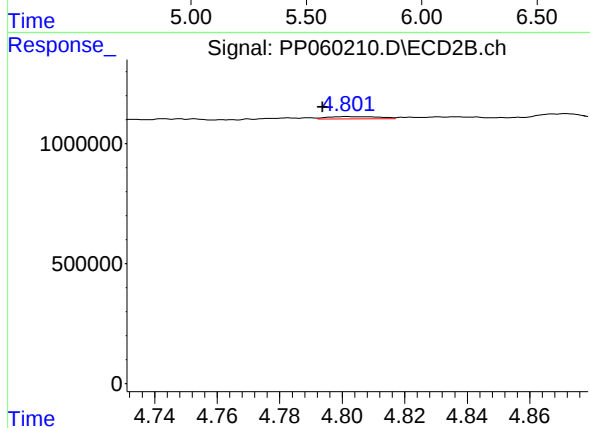
#3 AR-1016-1

R.T.: 4.776 min
Delta R.T.: 0.002 min
Response: 10258
Conc: 0.17 ng/ml



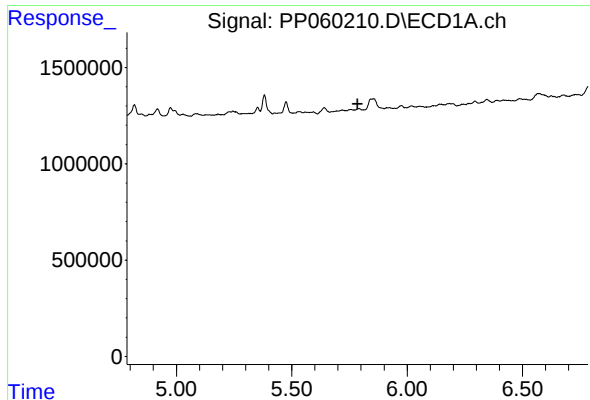
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.721 min
Response: 0
Conc: N.D.



#4 AR-1016-2

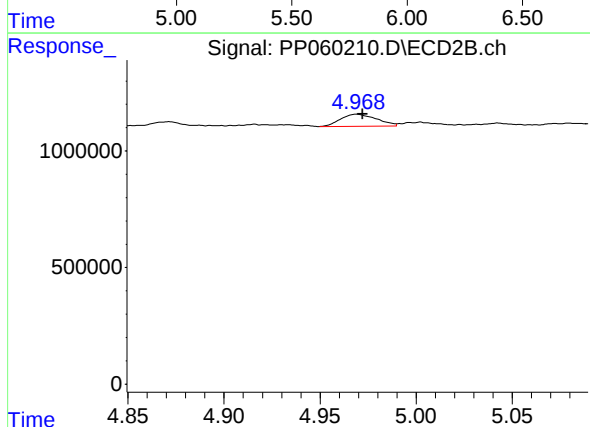
R.T.: 4.802 min
Delta R.T.: 0.008 min
Response: 107781
Conc: 1.30 ng/ml



#5 AR-1016-3

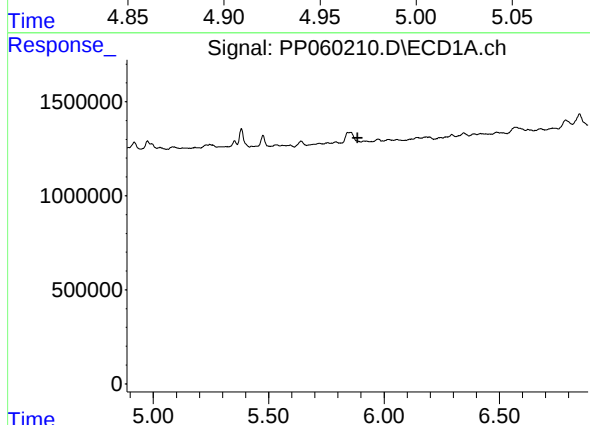
R.T.: 0.000 min
Exp R.T.: 5.785 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



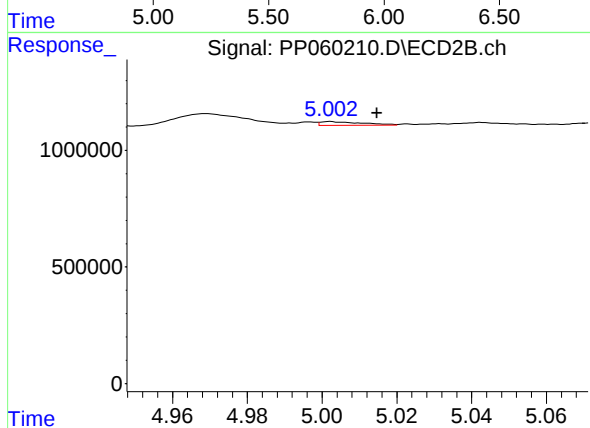
#5 AR-1016-3

R.T.: 4.969 min
Delta R.T.: -0.003 min
Response: 668342
Conc: 14.90 ng/ml



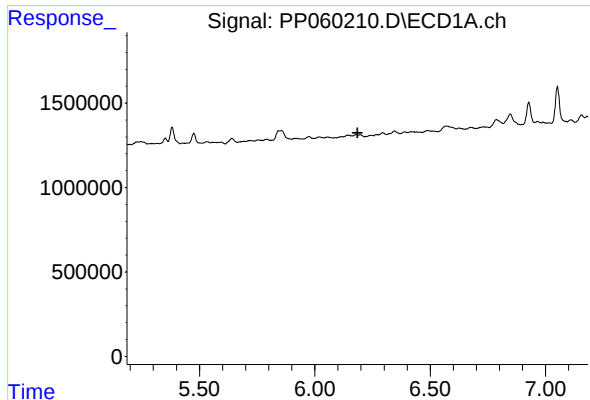
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.885 min
Response: 0
Conc: N.D.



#6 AR-1016-4

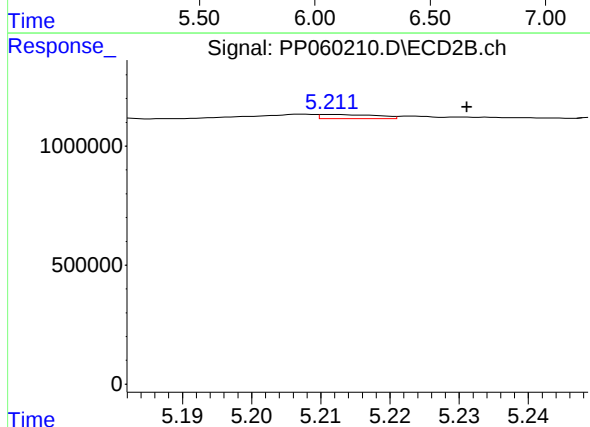
R.T.: 5.002 min
Delta R.T.: -0.013 min
Response: 117919
Conc: 3.34 ng/ml



#7 AR-1016-5

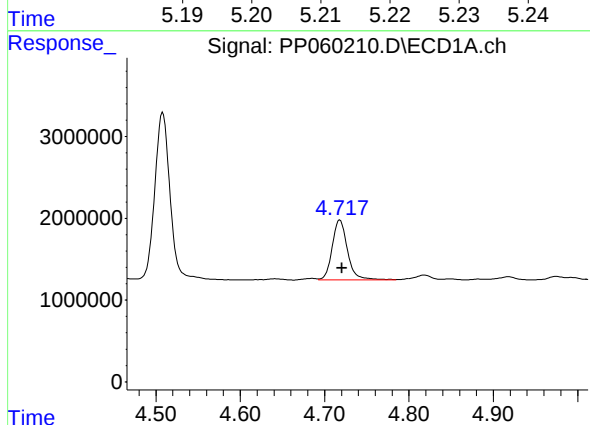
R.T.: 0.000 min
Exp R.T.: 6.184 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



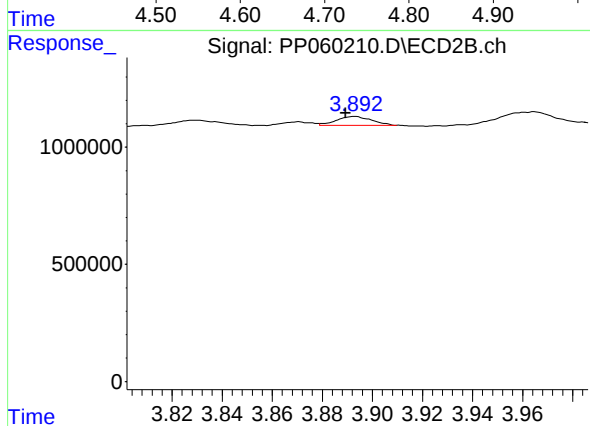
#7 AR-1016-5

R.T.: 5.212 min
Delta R.T.: -0.019 min
Response: 95507
Conc: 2.05 ng/ml



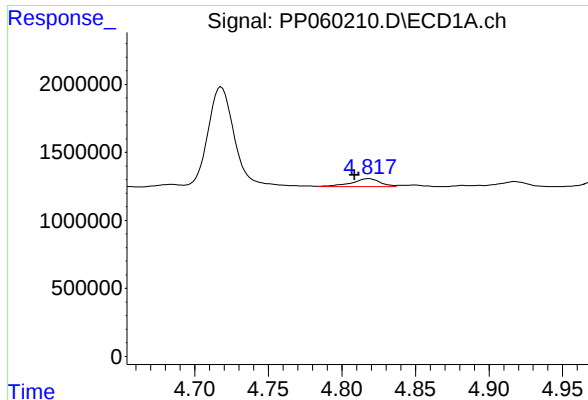
#8 AR-1221-1

R.T.: 4.718 min
Delta R.T.: -0.003 min
Response: 9179459
Conc: 345.31 ng/ml



#8 AR-1221-1

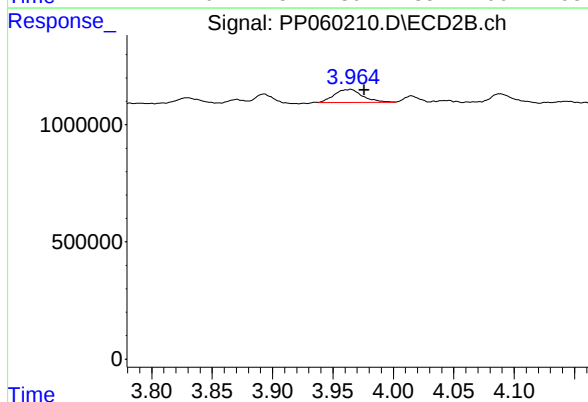
R.T.: 3.893 min
Delta R.T.: 0.004 min
Response: 372651
Conc: 16.97 ng/ml



#9 AR-1221-2

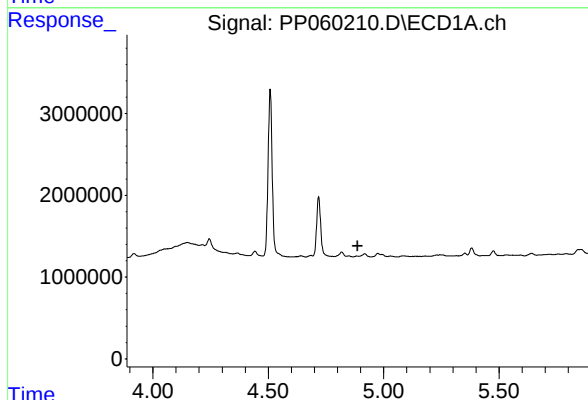
R.T.: 4.818 min
Delta R.T.: 0.009 min
Response: 794083
Conc: 40.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



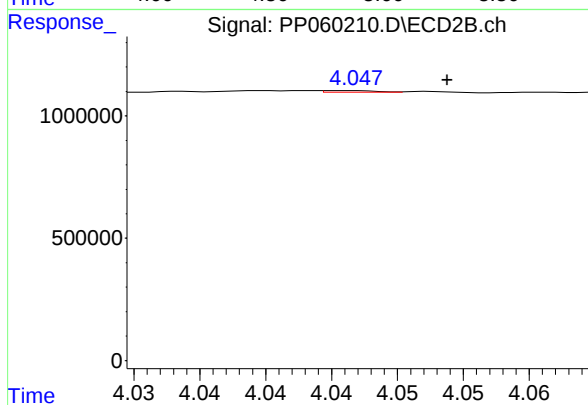
#9 AR-1221-2

R.T.: 3.965 min
Delta R.T.: -0.011 min
Response: 922721
Conc: 59.77 ng/ml



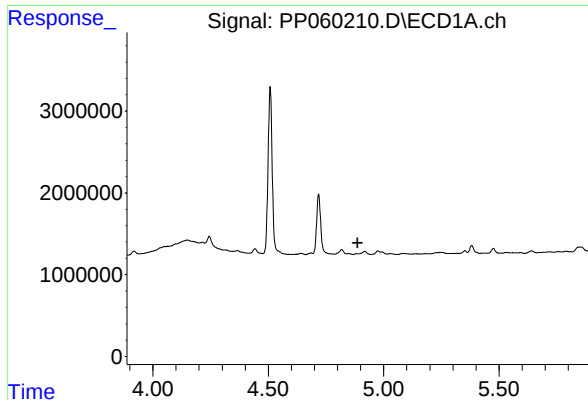
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.887 min
Response: 0
Conc: N.D.



#10 AR-1221-3

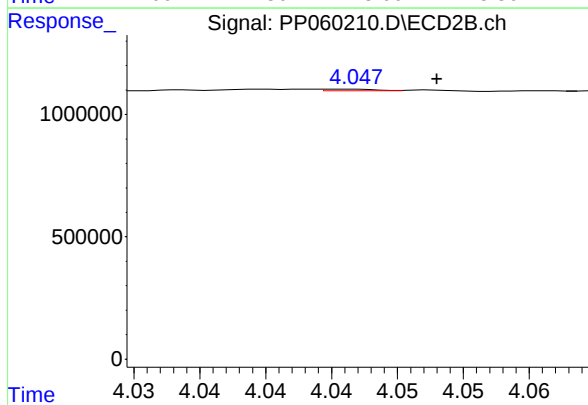
R.T.: 4.047 min
Delta R.T.: -0.007 min
Response: 19447
Conc: 0.41 ng/ml



#11 AR-1232-1

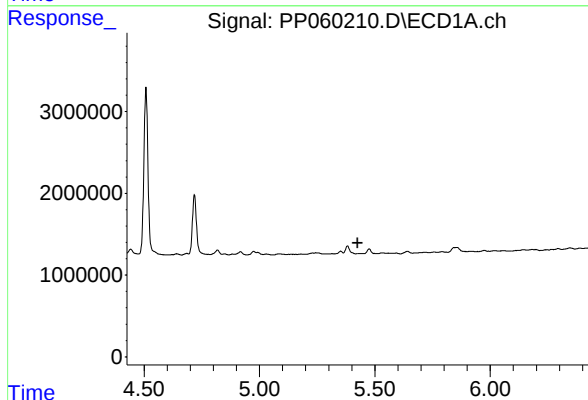
R.T.: 0.000 min
Exp R.T.: 4.886 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



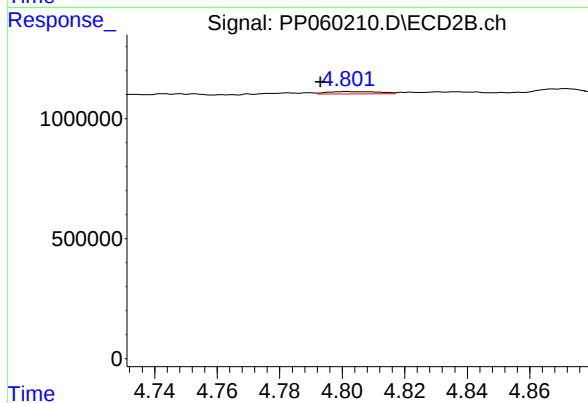
#11 AR-1232-1

R.T.: 4.047 min
Delta R.T.: -0.006 min
Response: 19447
Conc: 0.51 ng/ml



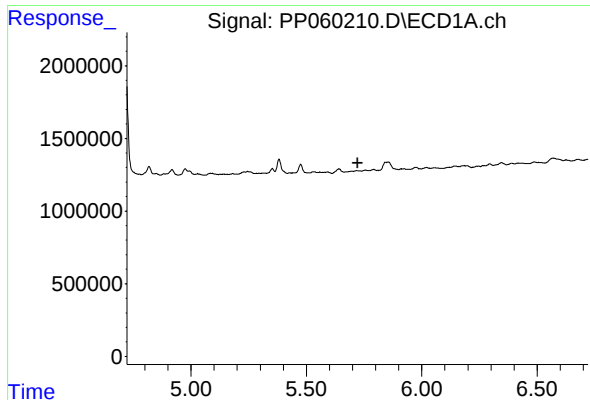
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.426 min
Response: 0
Conc: N.D.



#12 AR-1232-2

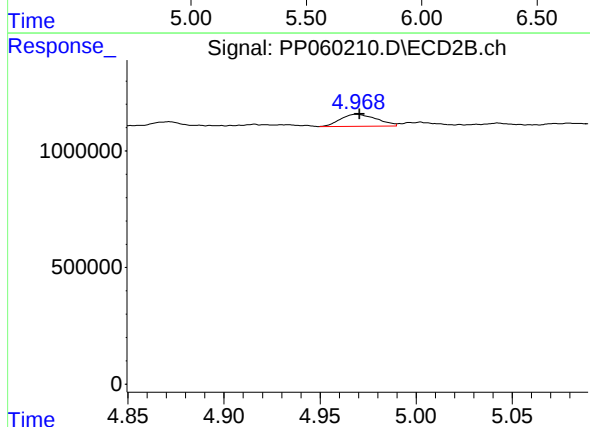
R.T.: 4.802 min
Delta R.T.: 0.009 min
Response: 107781
Conc: 2.92 ng/ml



#13 AR-1232-3

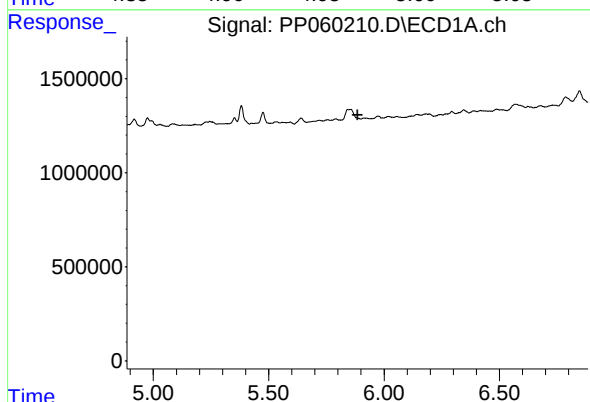
R.T.: 0.000 min
Exp R.T.: 5.721 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



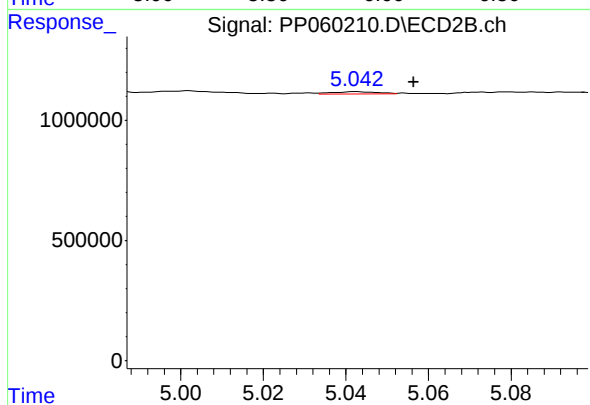
#13 AR-1232-3

R.T.: 4.969 min
Delta R.T.: -0.002 min
Response: 668342
Conc: 33.38 ng/ml



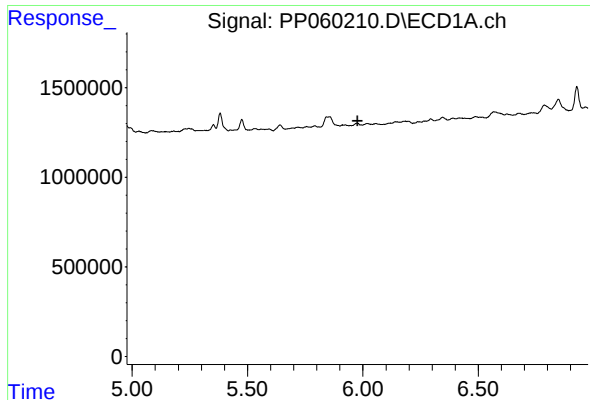
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.884 min
Response: 0
Conc: N.D.



#14 AR-1232-4

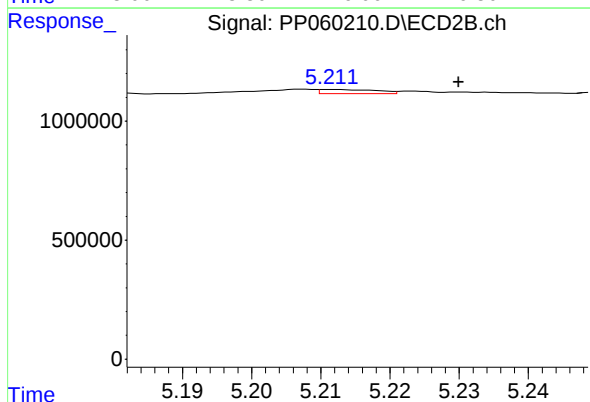
R.T.: 5.042 min
Delta R.T.: -0.014 min
Response: 69921
Conc: 3.83 ng/ml



#15 AR-1232-5

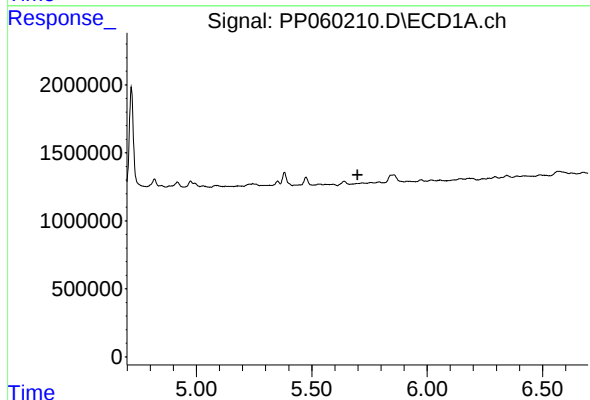
R.T.: 0.000 min
Exp R.T.: 5.976 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



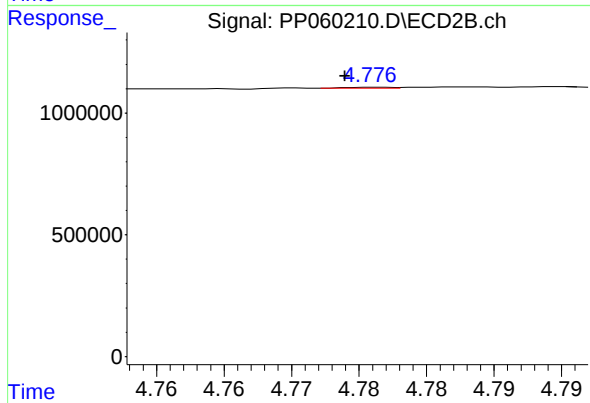
#15 AR-1232-5

R.T.: 5.212 min
Delta R.T.: -0.018 min
Response: 95507
Conc: 4.76 ng/ml



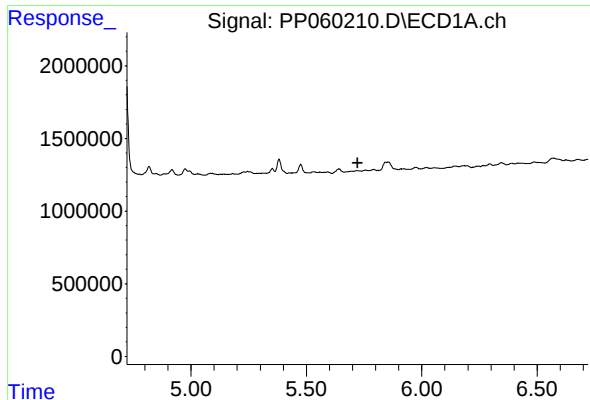
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 5.699 min
Response: 0
Conc: N.D.



#16 AR-1242-1

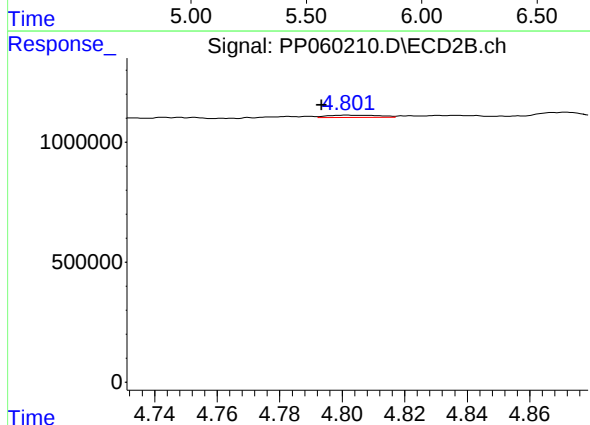
R.T.: 4.776 min
Delta R.T.: 0.002 min
Response: 10258
Conc: 0.19 ng/ml



#17 AR-1242-2

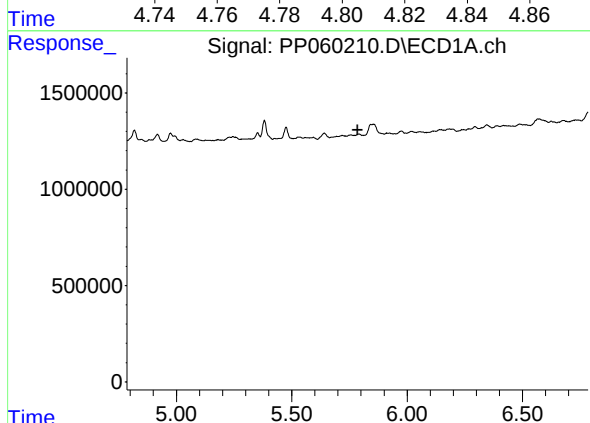
R.T.: 0.000 min
Exp R.T.: 5.721 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



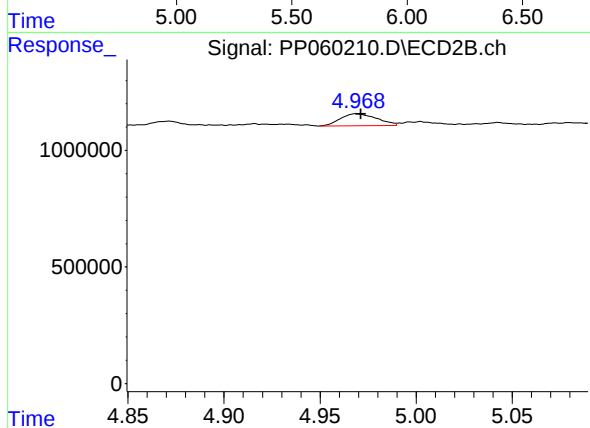
#17 AR-1242-2

R.T.: 4.802 min
Delta R.T.: 0.008 min
Response: 107781
Conc: 1.50 ng/ml



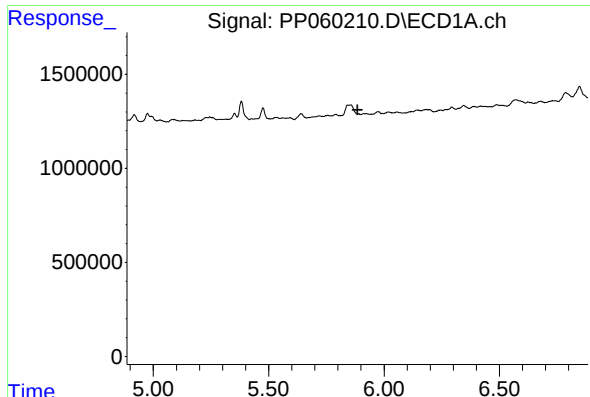
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.785 min
Response: 0
Conc: N.D.



#18 AR-1242-3

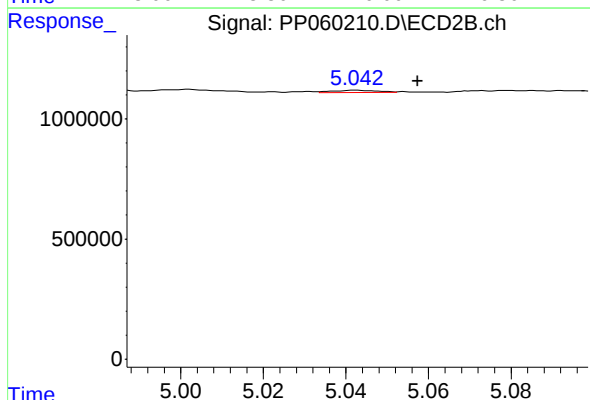
R.T.: 4.969 min
Delta R.T.: -0.003 min
Response: 668342
Conc: 17.08 ng/ml



#19 AR-1242-4

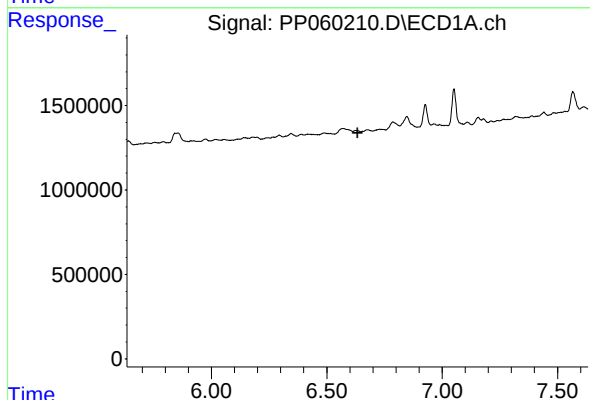
R.T.: 0.000 min
Exp R.T.: 5.885 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



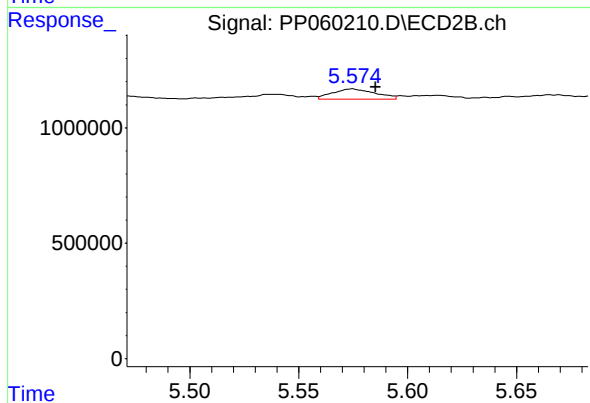
#19 AR-1242-4

R.T.: 5.042 min
Delta R.T.: -0.015 min
Response: 69921
Conc: 1.78 ng/ml



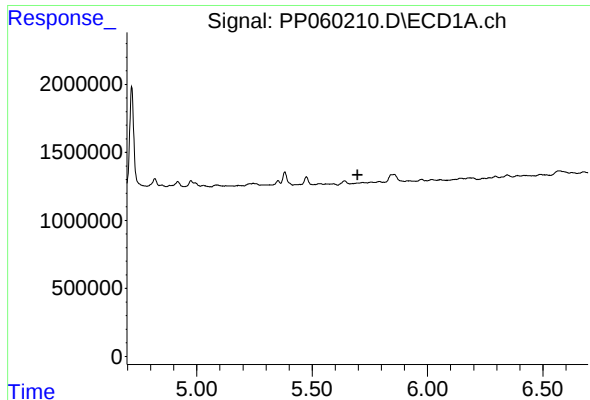
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.633 min
Response: 0
Conc: N.D.



#20 AR-1242-5

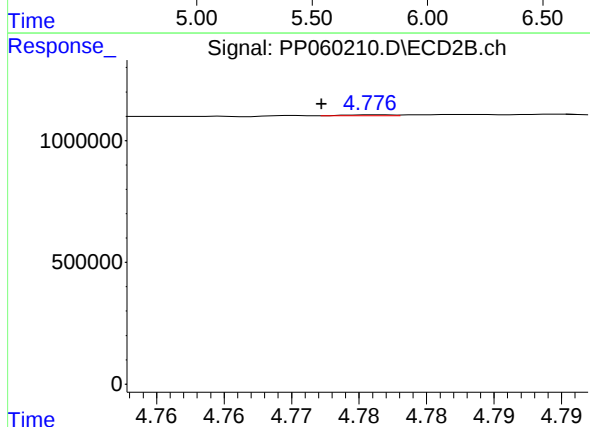
R.T.: 5.575 min
Delta R.T.: -0.011 min
Response: 602394
Conc: 12.45 ng/ml



#21 AR-1248-1

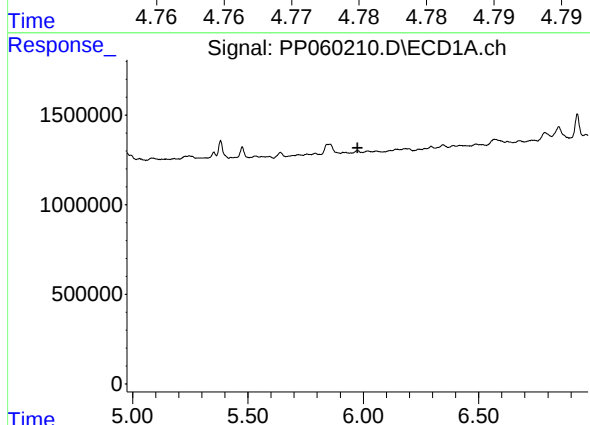
R.T.: 0.000 min
Exp R.T.: 5.697 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



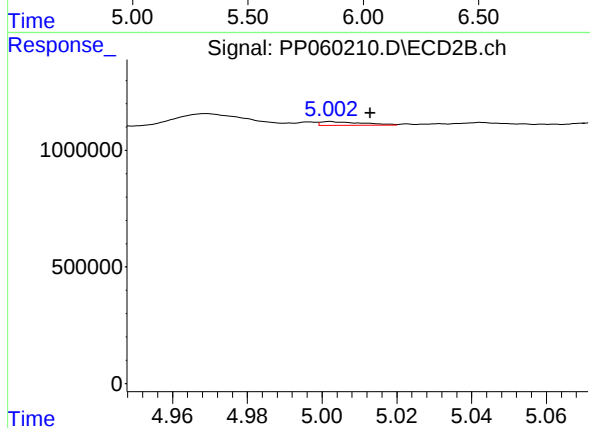
#21 AR-1248-1

R.T.: 4.776 min
Delta R.T.: 0.004 min
Response: 10258
Conc: 0.26 ng/ml



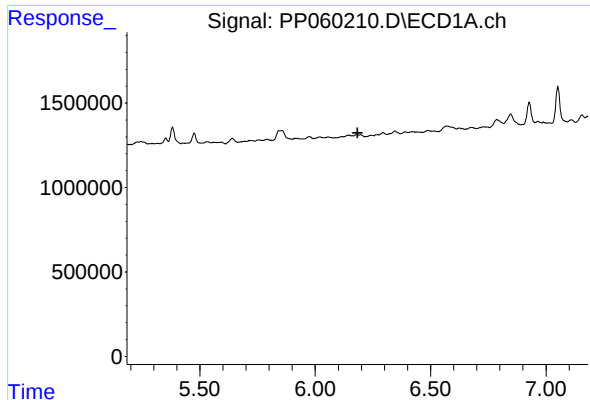
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 5.975 min
Response: 0
Conc: N.D.



#22 AR-1248-2

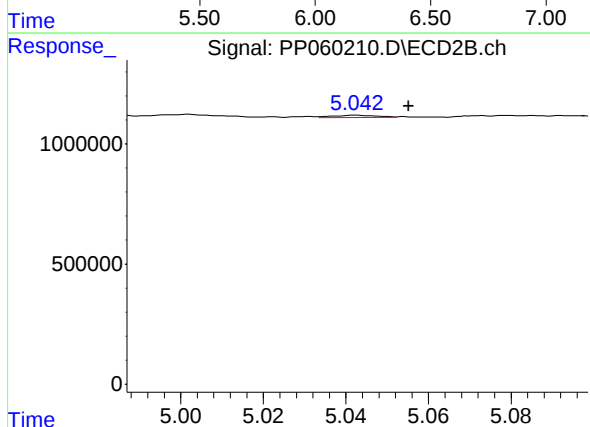
R.T.: 5.002 min
Delta R.T.: -0.011 min
Response: 117919
Conc: 2.18 ng/ml



#23 AR-1248-3

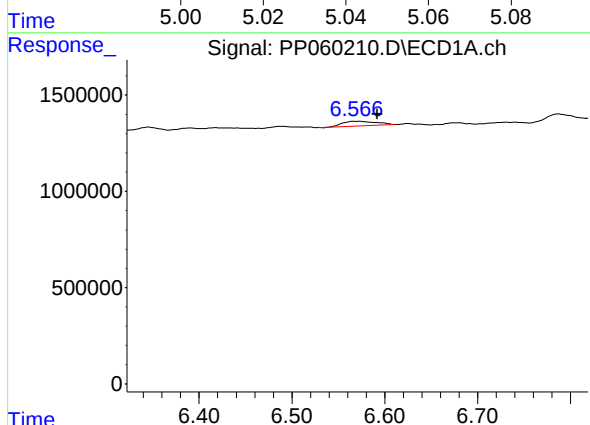
R.T.: 0.000 min
Exp R.T.: 6.183 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



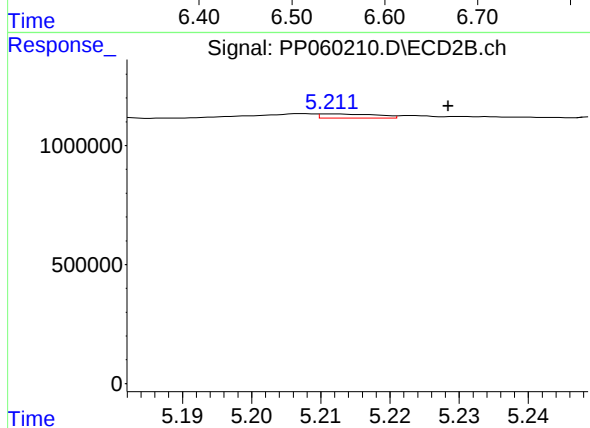
#23 AR-1248-3

R.T.: 5.042 min
Delta R.T.: -0.013 min
Response: 69921
Conc: 1.23 ng/ml



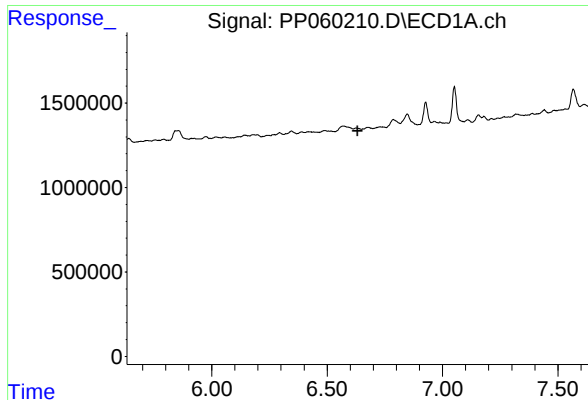
#24 AR-1248-4

R.T.: 6.567 min
Delta R.T.: -0.025 min
Response: 625540
Conc: 8.09 ng/ml



#24 AR-1248-4

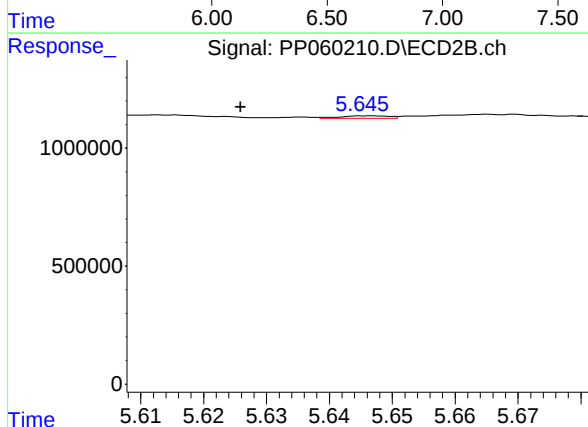
R.T.: 5.212 min
Delta R.T.: -0.017 min
Response: 95507
Conc: 1.42 ng/ml



#25 AR-1248-5

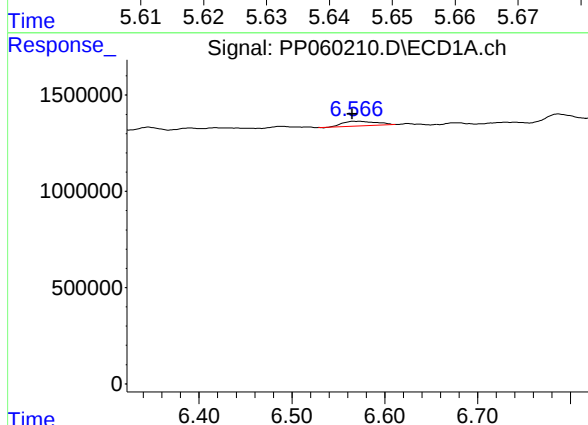
R.T.: 0.000 min
Exp R.T.: 6.631 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



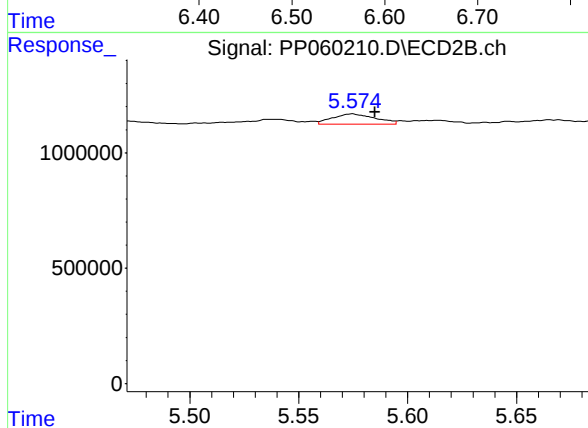
#25 AR-1248-5

R.T.: 5.646 min
Delta R.T.: 0.020 min
Response: 58760
Conc: 0.89 ng/ml



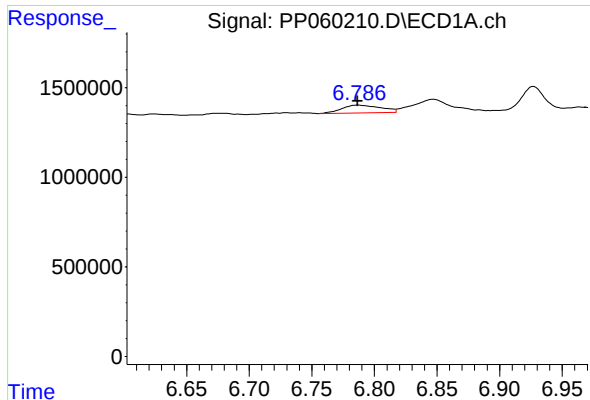
#26 AR-1254-1

R.T.: 6.567 min
Delta R.T.: 0.001 min
Response: 625540
Conc: 7.84 ng/ml



#26 AR-1254-1

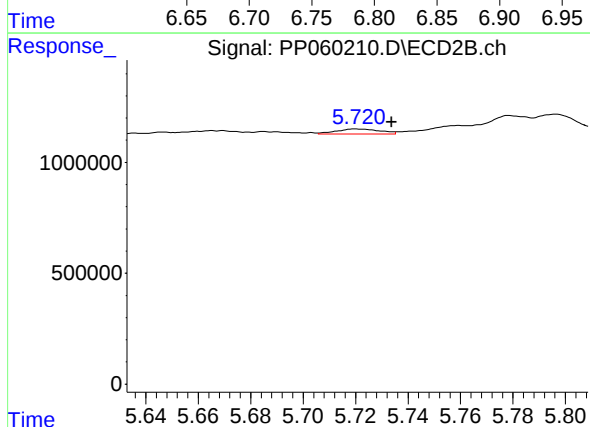
R.T.: 5.575 min
Delta R.T.: -0.010 min
Response: 602394
Conc: 6.00 ng/ml



#27 AR-1254-2

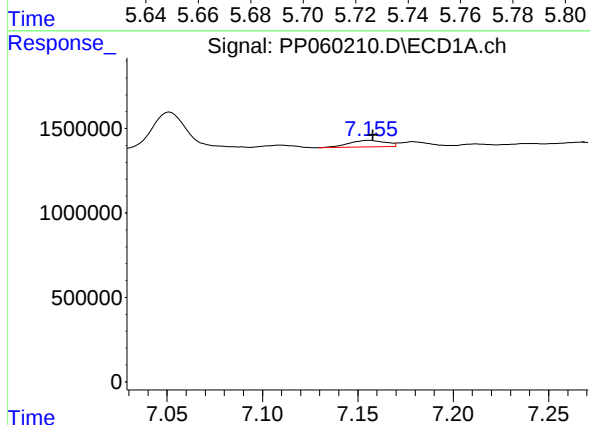
R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 919539
Conc: 7.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



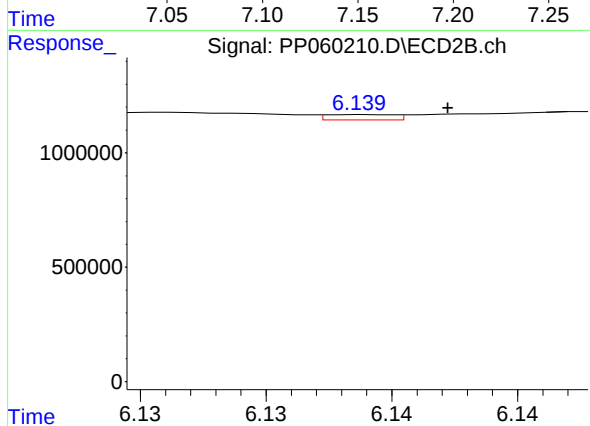
#27 AR-1254-2

R.T.: 5.720 min
Delta R.T.: -0.014 min
Response: 266959
Conc: 3.07 ng/ml



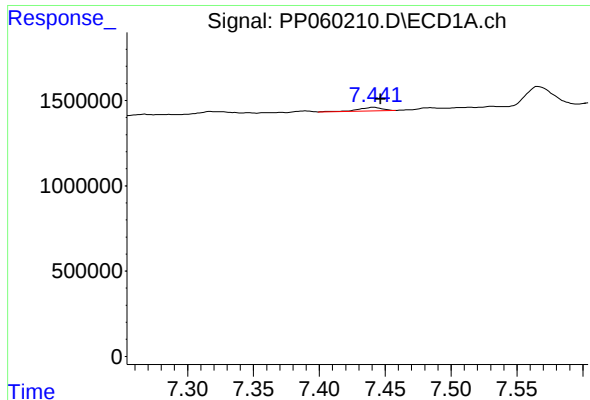
#28 AR-1254-3

R.T.: 7.156 min
Delta R.T.: -0.002 min
Response: 515656
Conc: 4.24 ng/ml



#28 AR-1254-3

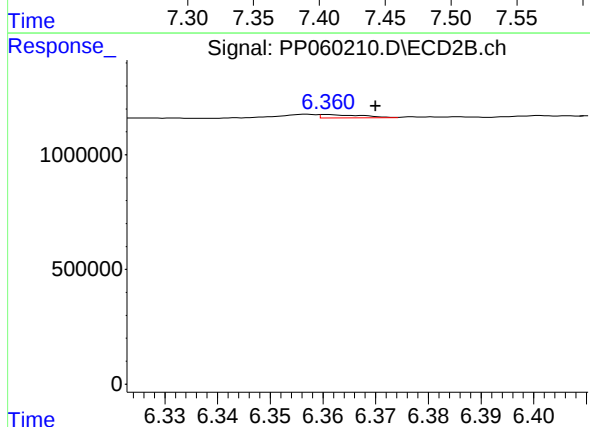
R.T.: 6.139 min
Delta R.T.: -0.003 min
Response: 43038
Conc: 0.31 ng/ml



#29 AR-1254-4

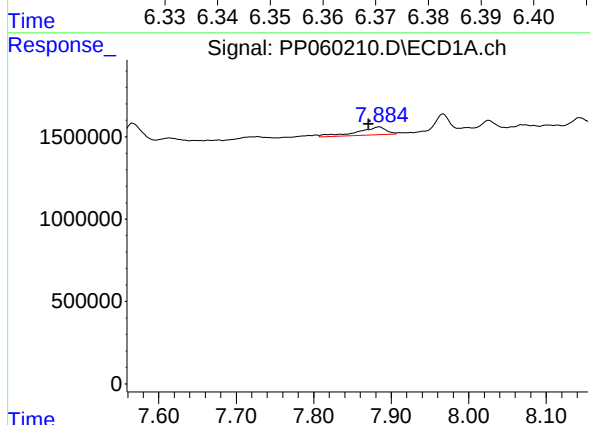
R.T.: 7.441 min
Delta R.T.: -0.005 min
Response: 254533
Conc: 2.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



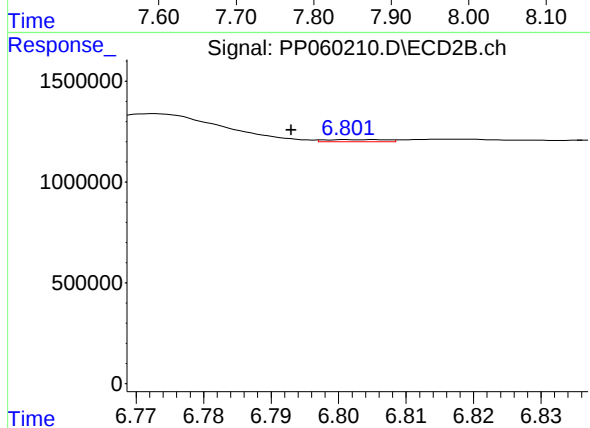
#29 AR-1254-4

R.T.: 6.361 min
Delta R.T.: -0.009 min
Response: 83185
Conc: 0.99 ng/ml



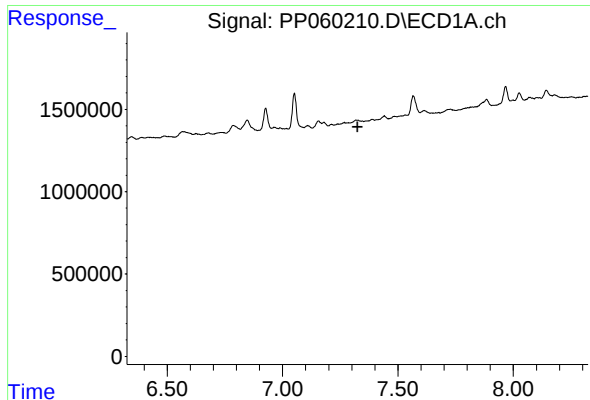
#30 AR-1254-5

R.T.: 7.885 min
Delta R.T.: 0.014 min
Response: 1255243
Conc: 12.90 ng/ml



#30 AR-1254-5

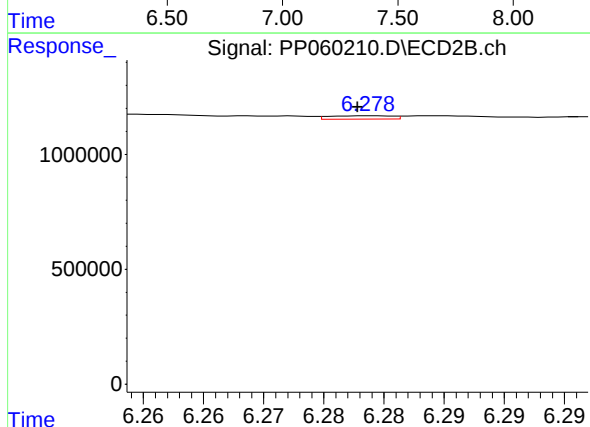
R.T.: 6.801 min
Delta R.T.: 0.008 min
Response: 66661
Conc: 0.56 ng/ml



#31 AR-1260-1

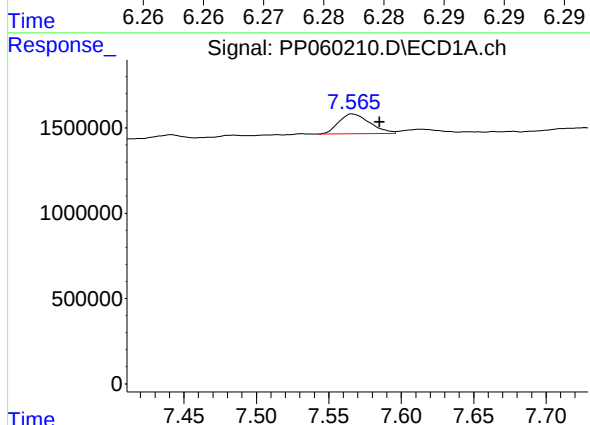
R.T.: 0.000 min
Exp R.T.: 7.326 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



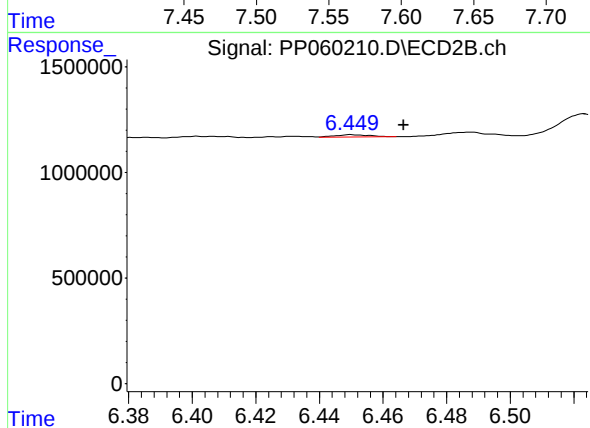
#31 AR-1260-1

R.T.: 6.279 min
Delta R.T.: 0.001 min
Response: 51732
Conc: 0.56 ng/ml



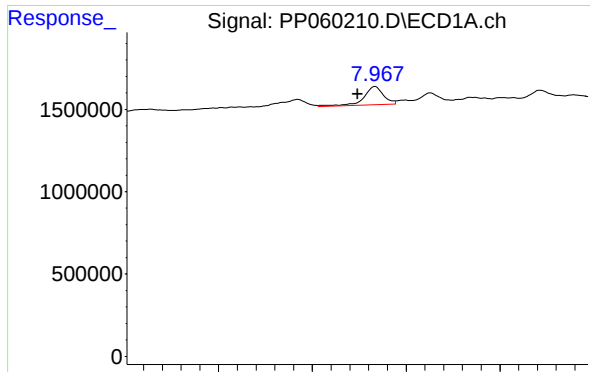
#32 AR-1260-2

R.T.: 7.566 min
Delta R.T.: -0.019 min
Response: 1738208
Conc: 16.94 ng/ml



#32 AR-1260-2

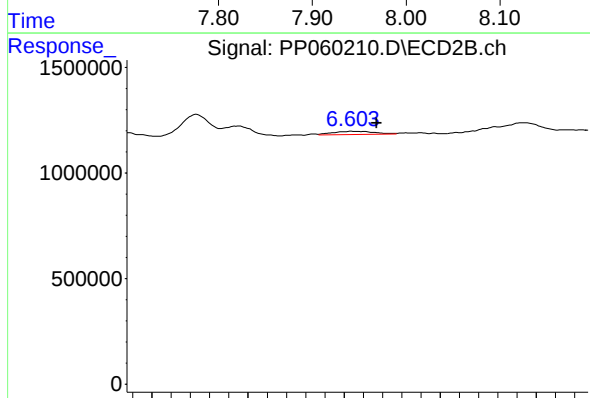
R.T.: 6.450 min
Delta R.T.: -0.017 min
Response: 76093
Conc: 0.69 ng/ml



#33 AR-1260-3

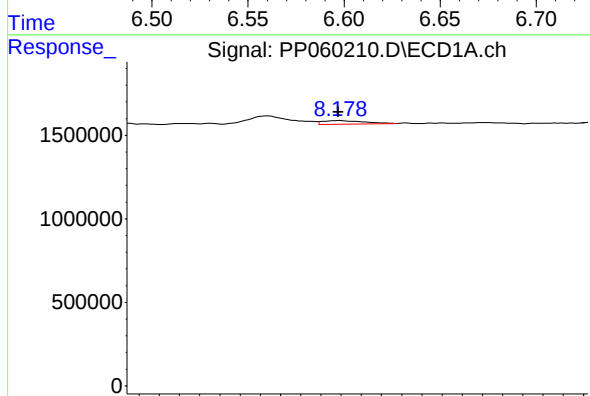
R.T.: 7.967 min
Delta R.T.: 0.019 min
Response: 1621857
Conc: 20.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



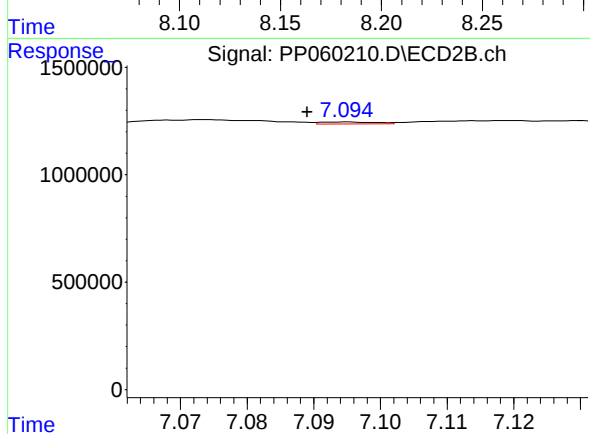
#33 AR-1260-3

R.T.: 6.604 min
Delta R.T.: -0.013 min
Response: 229893
Conc: 2.24 ng/ml



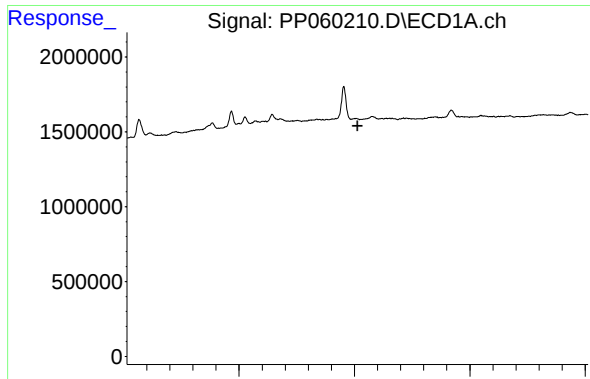
#34 AR-1260-4

R.T.: 8.179 min
Delta R.T.: 0.000 min
Response: 302870
Conc: 3.38 ng/ml



#34 AR-1260-4

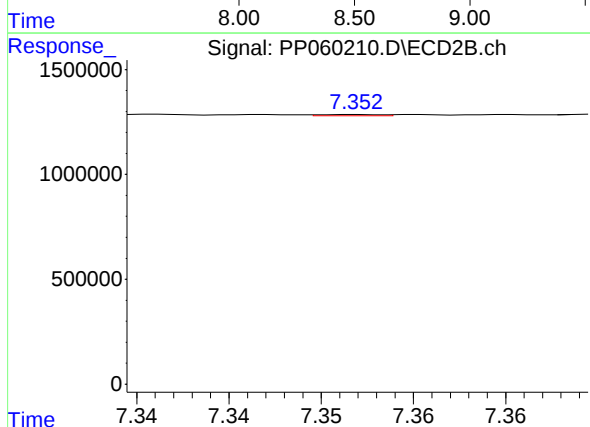
R.T.: 7.095 min
Delta R.T.: 0.006 min
Response: 52278
Conc: 0.63 ng/ml



#35 AR-1260-5

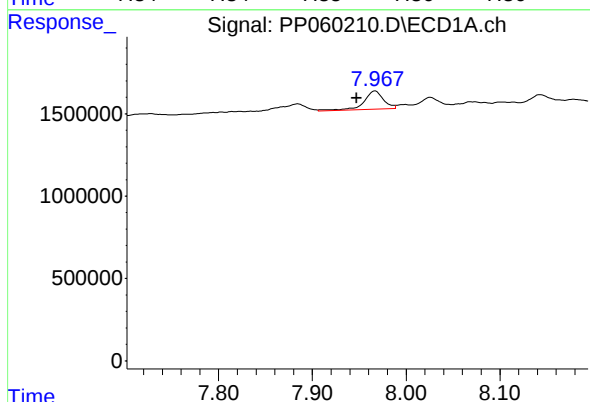
R.T.: 0.000 min
Exp R.T.: 8.513 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



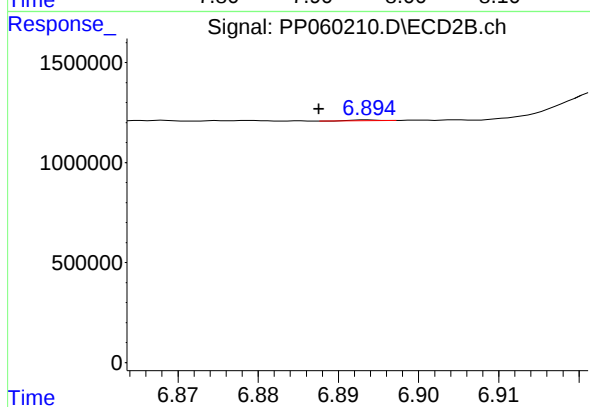
#35 AR-1260-5

R.T.: 7.352 min
Delta R.T.: 0.020 min
Response: 14228
Conc: 0.07 ng/ml



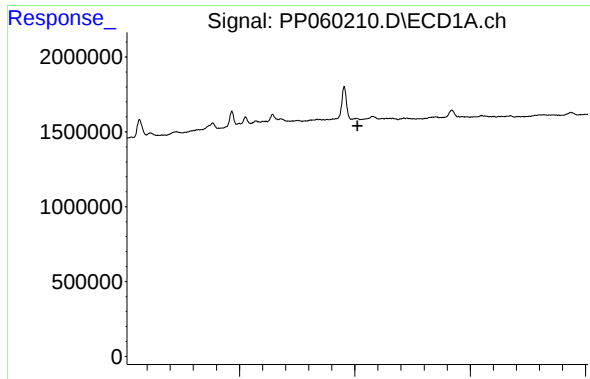
#36 AR-1262-1

R.T.: 7.967 min
Delta R.T.: 0.020 min
Response: 1621857
Conc: 14.01 ng/ml



#36 AR-1262-1

R.T.: 6.894 min
Delta R.T.: 0.006 min
Response: 7661
Conc: 0.15 ng/ml



#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 8.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :

#37 AR-1262-2

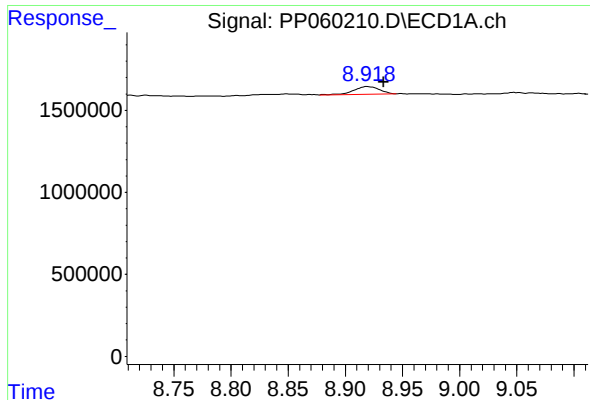
R.T.: 7.095 min
Delta R.T.: -0.001 min
Response: 52278
Conc: 0.46 ng/ml

#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.841 min
Response: 0
Conc: N.D.

#38 AR-1262-3

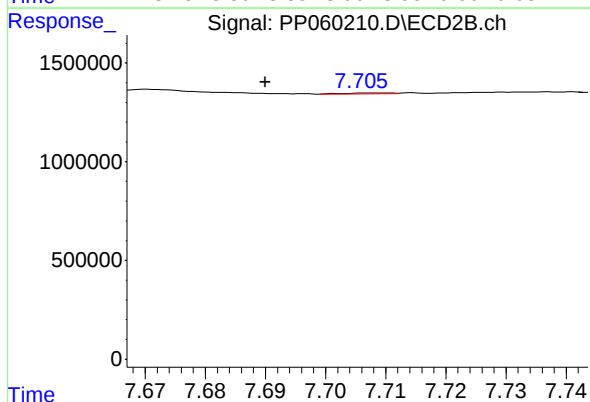
R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 84594
Conc: 0.97 ng/ml



#39 AR-1262-4

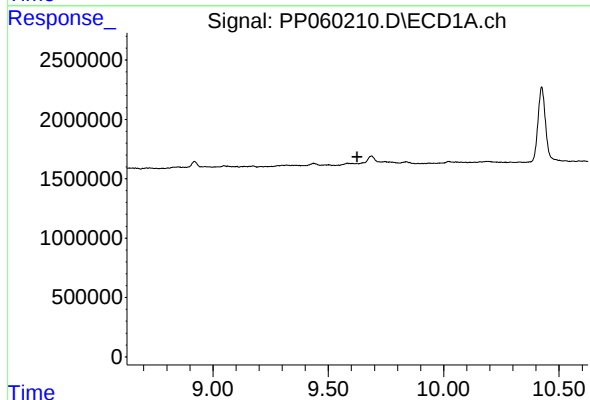
R.T.: 8.919 min
Delta R.T.: -0.014 min
Response: 734591
Conc: 6.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



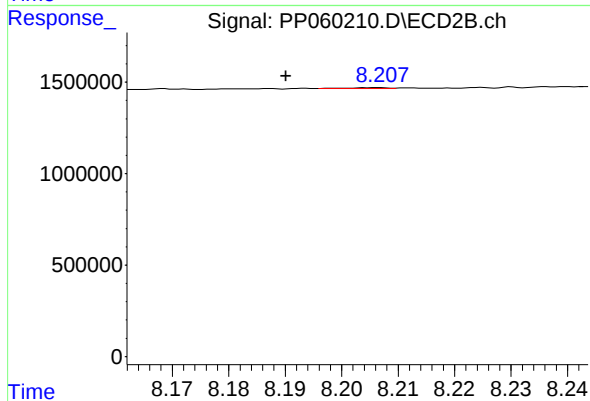
#39 AR-1262-4

R.T.: 7.710 min
Delta R.T.: 0.020 min
Response: 23064
Conc: 0.14 ng/ml



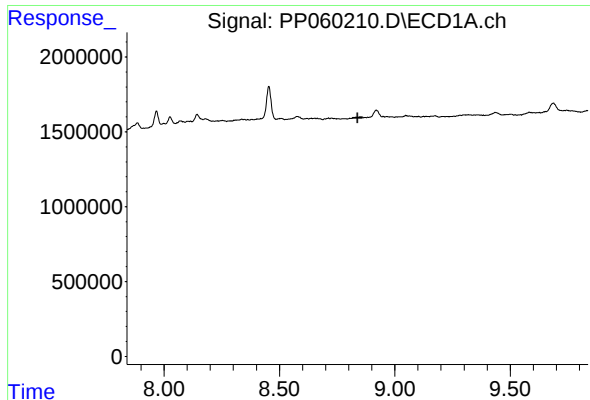
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.626 min
Response: 0
Conc: N.D.



#40 AR-1262-5

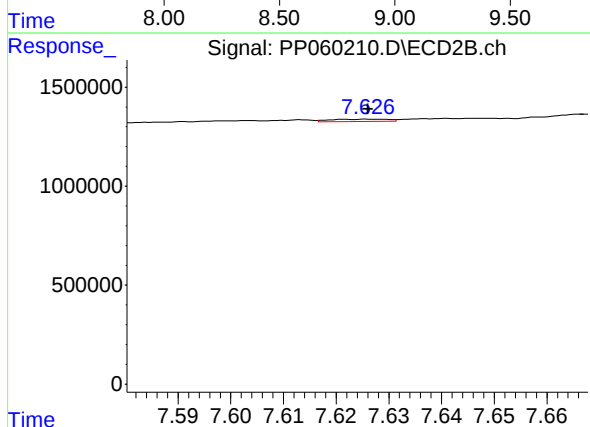
R.T.: 8.206 min
Delta R.T.: 0.016 min
Response: 19095
Conc: 0.26 ng/ml



#41 AR-1268-1

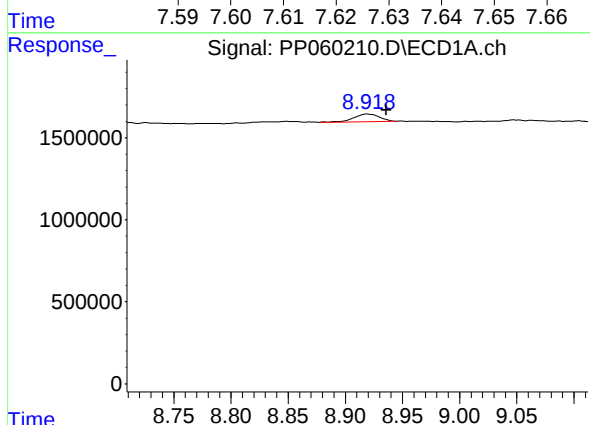
R.T.: 0.000 min
Exp R.T.: 8.838 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



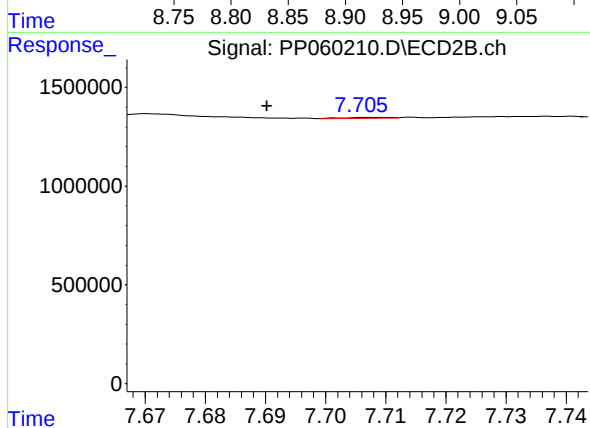
#41 AR-1268-1

R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 84594
Conc: 0.32 ng/ml



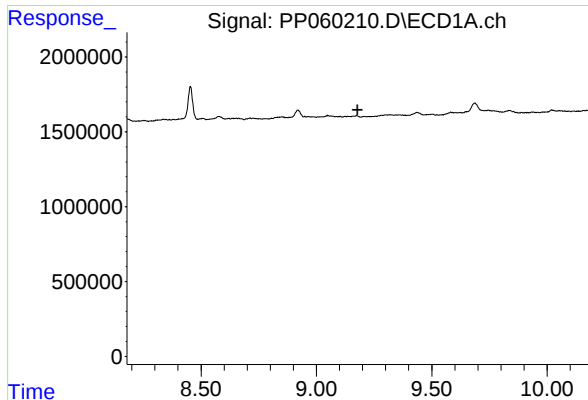
#42 AR-1268-2

R.T.: 8.919 min
Delta R.T.: -0.017 min
Response: 734591
Conc: 3.20 ng/ml



#42 AR-1268-2

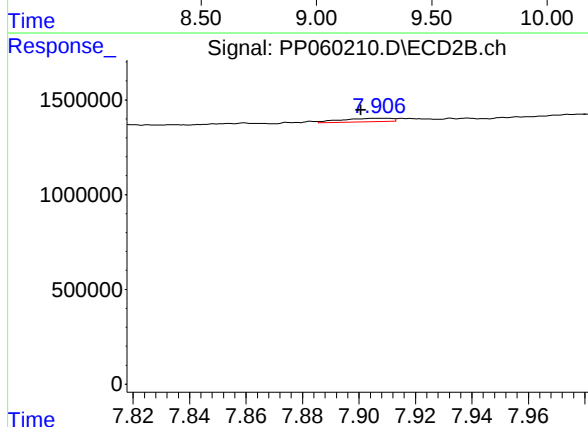
R.T.: 7.710 min
Delta R.T.: 0.019 min
Response: 23064
Conc: 0.10 ng/ml



#43 AR-1268-3

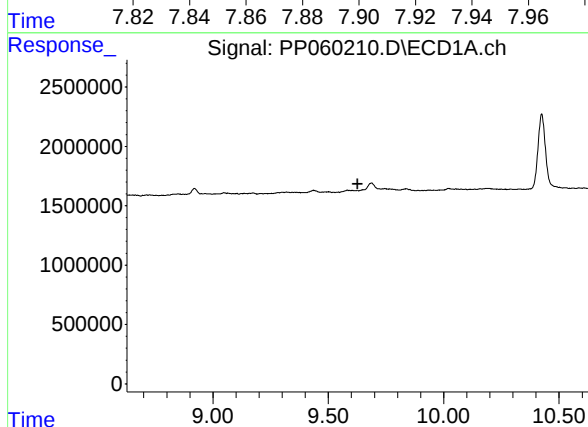
R.T.: 0.000 min
Exp R.T.: 9.178 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



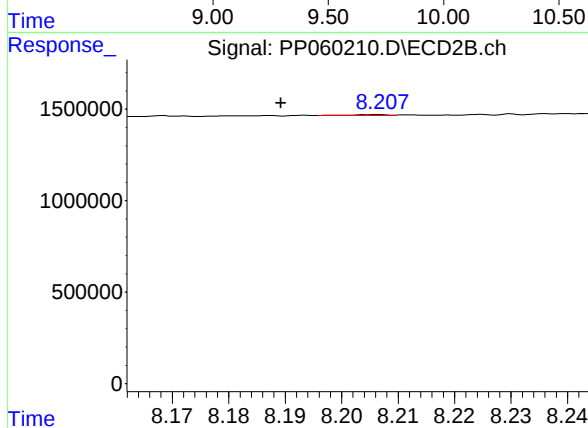
#43 AR-1268-3

R.T.: 7.907 min
Delta R.T.: 0.006 min
Response: 234733
Conc: 1.15 ng/ml



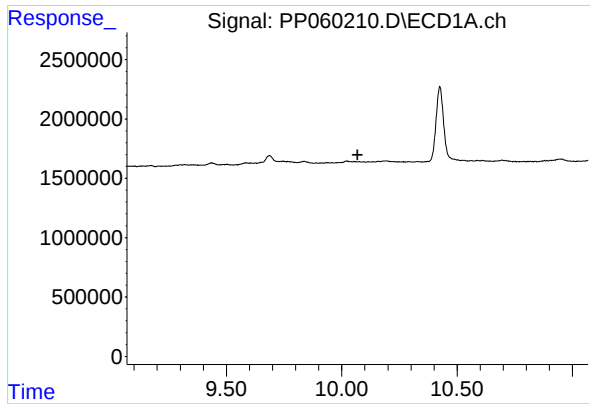
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.627 min
Response: 0
Conc: N.D.



#44 AR-1268-4

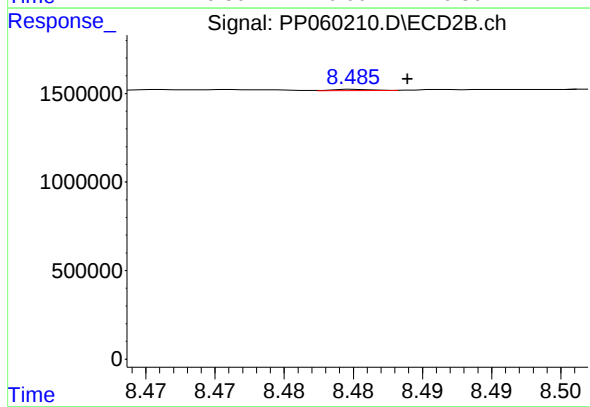
R.T.: 8.206 min
Delta R.T.: 0.017 min
Response: 19095
Conc: 0.24 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.069 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.485 min
Delta R.T.: -0.004 min
Response: 10712
Conc: 0.02 ng/ml