

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092523\
 Data File : PP060215.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Sep 2023 17:06
 Operator : YP\AJ
 Sample : 04566-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 02:48:38 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	47865304	36170275	23.009	22.206
2) SA Decachlor...	10.425	8.731	31744403	27029769	20.811	17.851
Target Compounds						
3) L1 AR-1016-1	0.000	4.782	0	91943	N.D.	1.529 #
4) L1 AR-1016-2	0.000	4.782	0	91943	N.D.	1.108 #
5) L1 AR-1016-3	0.000	4.962	0	247536	N.D.	5.518 #
6) L1 AR-1016-4	0.000	4.997f	0	24829	N.D.	0.704 #
7) L1 AR-1016-5	0.000	5.217	0	63720	N.D.	1.370 #
8) L2 AR-1221-1	4.718	3.889	956973	148276	35.999	6.751 #
9) L2 AR-1221-2	4.820	3.969	576188	705365	29.273	45.687 #
12) L3 AR-1232-2	0.000	4.782	0	91943	N.D.	2.493 #
13) L3 AR-1232-3	0.000	4.962	0	247536	N.D.	12.362 #
14) L3 AR-1232-4	0.000	5.071	0	31127	N.D.	1.704 #
15) L3 AR-1232-5	0.000	5.217	0	63720	N.D.	3.178 #
16) L4 AR-1242-1	0.000	4.782	0	91943	N.D.	1.746 #
17) L4 AR-1242-2	0.000	4.782	0	91943	N.D.	1.276 #
18) L4 AR-1242-3	0.000	4.962	0	247536	N.D.	6.325 #
19) L4 AR-1242-4	0.000	5.071	0	31127	N.D.	0.794 #
20) L4 AR-1242-5	6.628	5.578	117647	1310304	2.573	27.084 #
21) L5 AR-1248-1	0.000	4.782	0	91943	N.D.	2.353 #
22) L5 AR-1248-2	0.000	4.997f	0	24829	N.D.	0.458 #
23) L5 AR-1248-3	0.000	5.071f	0	31127	N.D.	0.547 #
24) L5 AR-1248-4	6.574f	5.217	1073986	63720	13.886	0.949 #
25) L5 AR-1248-5	6.628	5.614	117647	136394	1.564	2.068 #
26) L6 AR-1254-1	6.574	5.578	1073986	1310304	13.452	13.056
27) L6 AR-1254-2	6.792	5.721	1416311	439547	11.825	5.059 #
28) L6 AR-1254-3	7.162	6.149	1827874	1911047	15.047	13.611
29) L6 AR-1254-4	7.444	6.373	758352	65214	8.527	0.775 #
30) L6 AR-1254-5	7.865	6.799	1369662	26831	14.080	0.226 #
31) L7 AR-1260-1	7.319	6.277	460580	136898	5.110	1.470 #
32) L7 AR-1260-2	7.567	6.452	5167166	151163	50.368	1.379 #
33) L7 AR-1260-3	0.000	6.608	0	116996	N.D.	1.137 #
34) L7 AR-1260-4	0.000	7.078	0	468233	N.D.	5.622 #
35) L7 AR-1260-5	0.000	7.323	0	343816	N.D.	1.787 #
36) L8 AR-1262-1	0.000	6.875	0	9396	N.D.	0.186 #
37) L8 AR-1262-2	0.000	7.078f	0	468233	N.D.	4.145 #
38) L8 AR-1262-3	0.000	7.612	0	183142	N.D.	2.089 #
39) L8 AR-1262-4	8.920	7.699	615017	10571	5.416	0.065 #
40) L8 AR-1262-5	0.000	8.199	0	8508	N.D.	0.114 #
41) L9 AR-1268-1	0.000	7.612	0	183142	N.D.	0.703 #
42) L9 AR-1268-2	8.920f	7.699	615017	10571	2.680	0.046 #
43) L9 AR-1268-3	0.000	7.905	0	47043	N.D.	0.230 #

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 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	8.199	0	8508	N.D.	0.105 #
45) L9	AR-1268-5	0.000	8.492	0	18107	N.D.	0.029 #

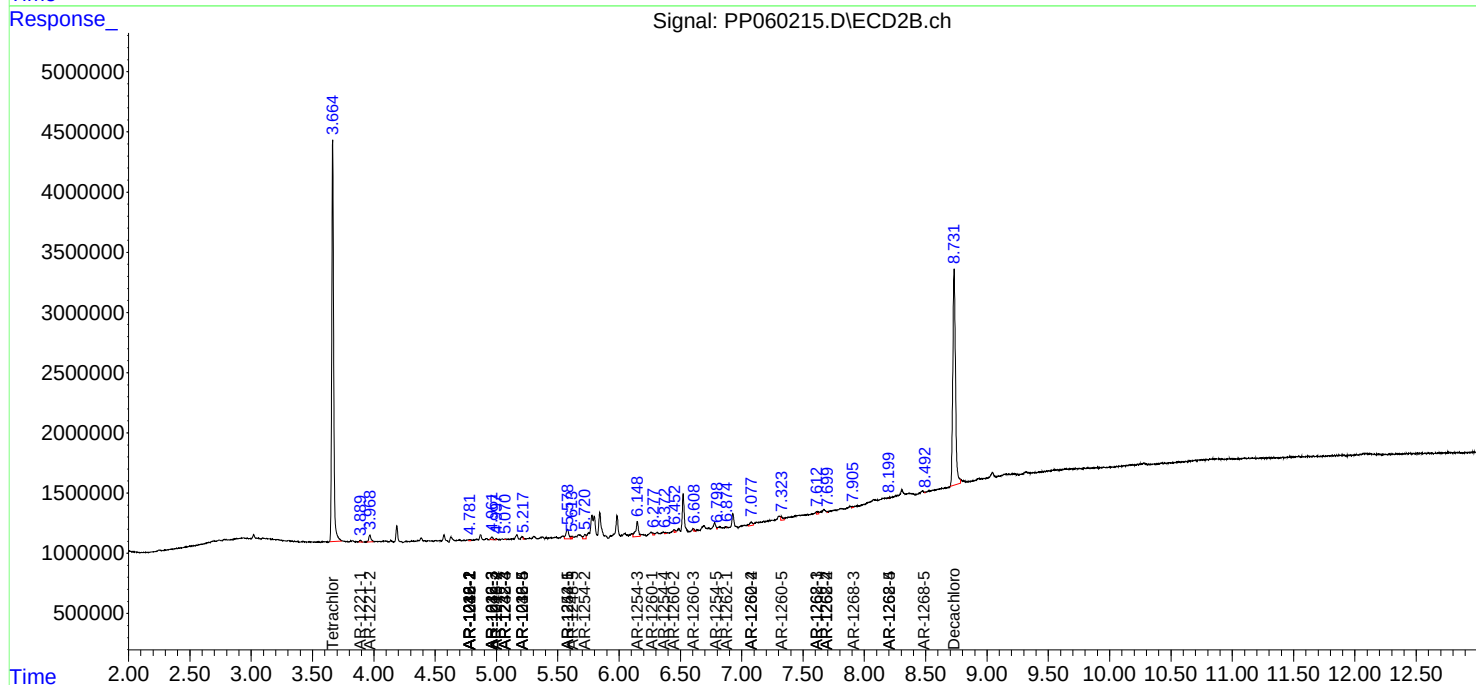
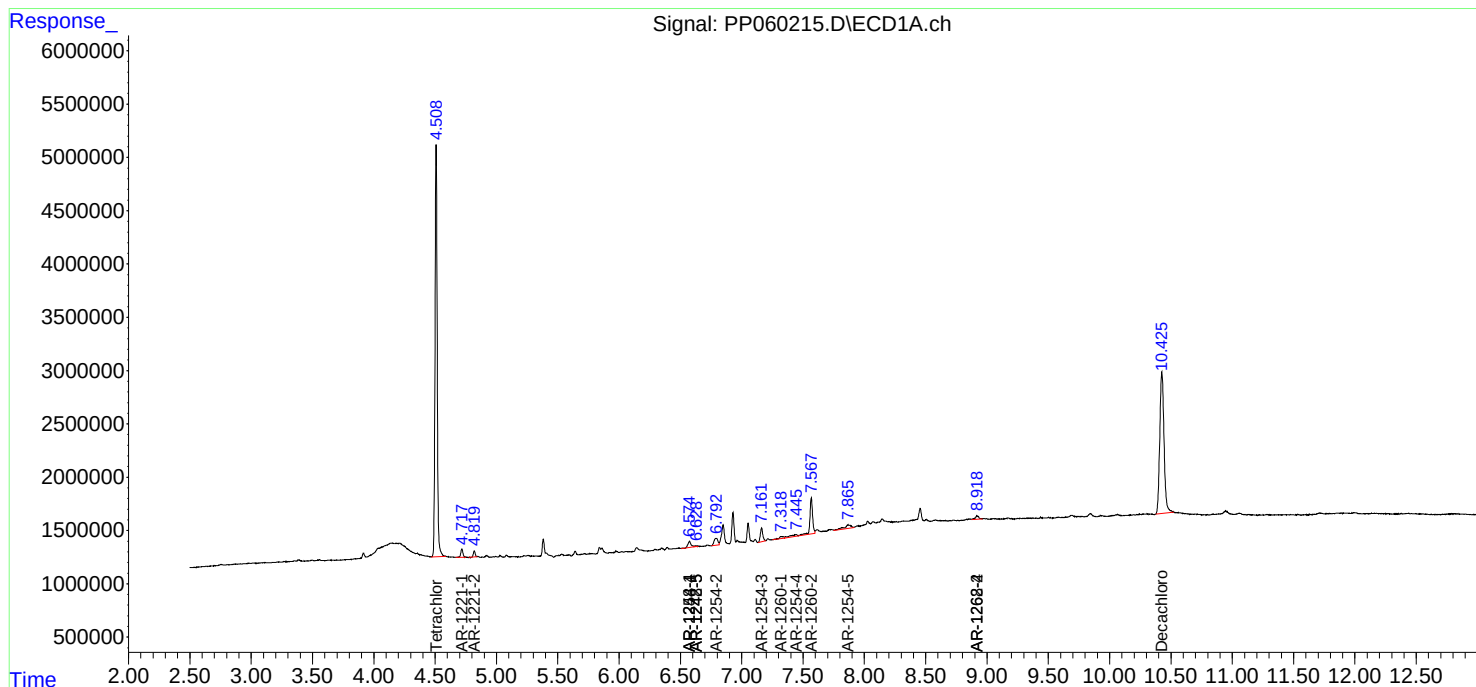
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

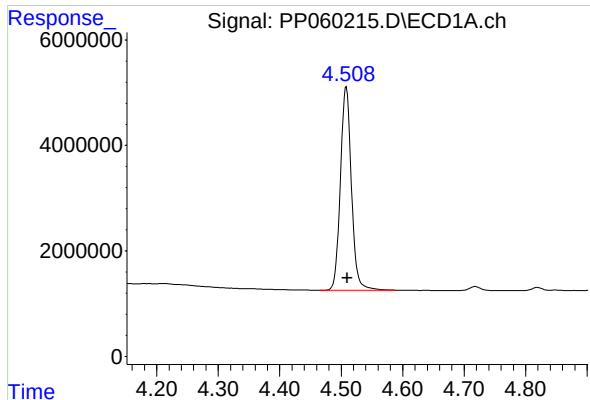
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Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

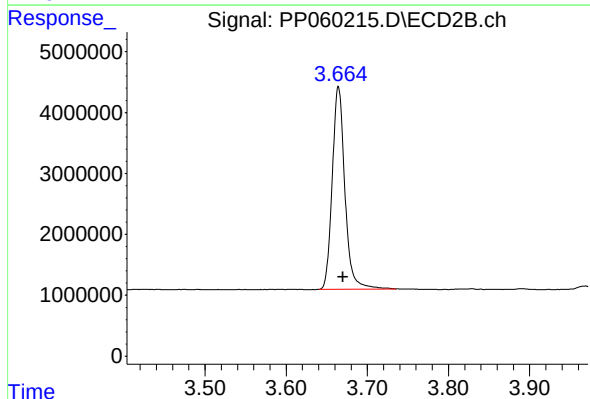




#1 Tetrachloro-m-xylene

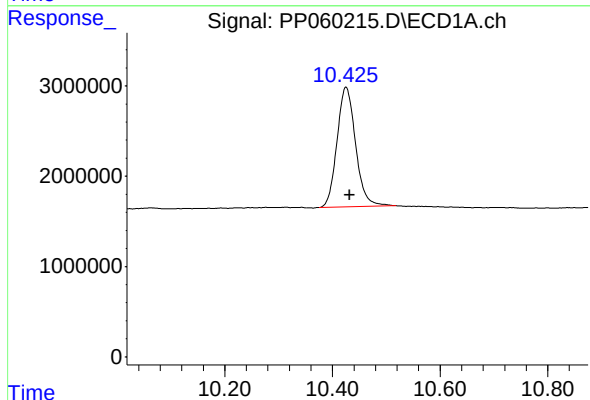
R.T.: 4.508 min
Delta R.T.: -0.002 min
Response: 47865304
Conc: 23.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



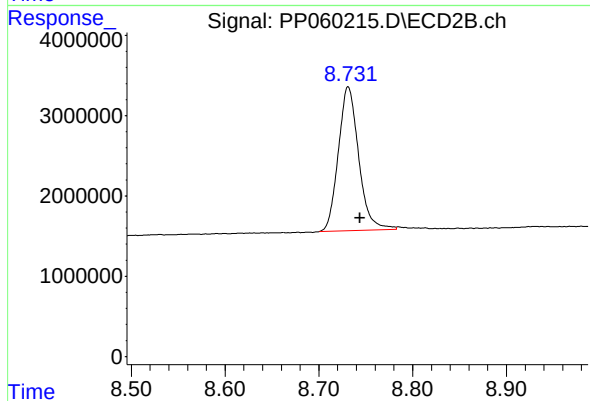
#1 Tetrachloro-m-xylene

R.T.: 3.664 min
Delta R.T.: -0.006 min
Response: 36170275
Conc: 22.21 ng/ml



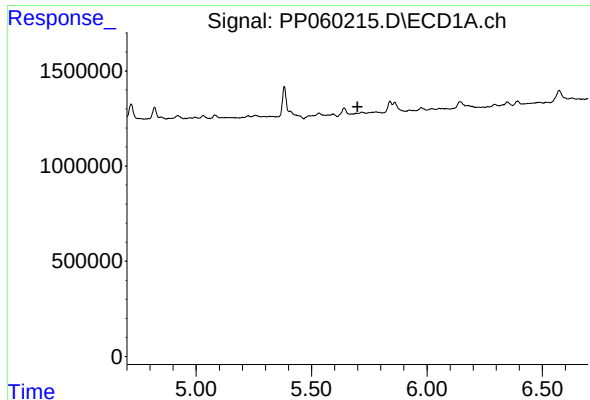
#2 Decachlorobiphenyl

R.T.: 10.425 min
Delta R.T.: -0.007 min
Response: 31744403
Conc: 20.81 ng/ml



#2 Decachlorobiphenyl

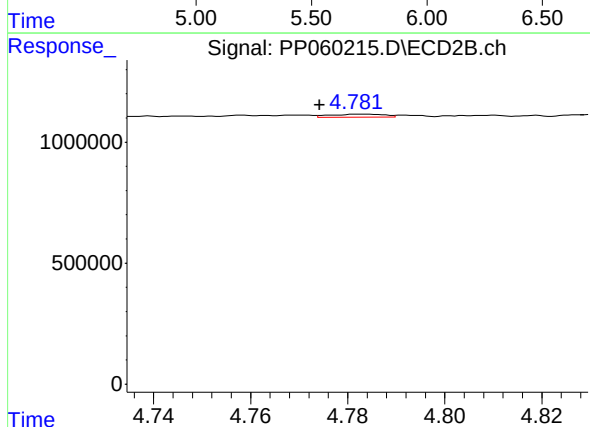
R.T.: 8.731 min
Delta R.T.: -0.013 min
Response: 27029769
Conc: 17.85 ng/ml



#3 AR-1016-1

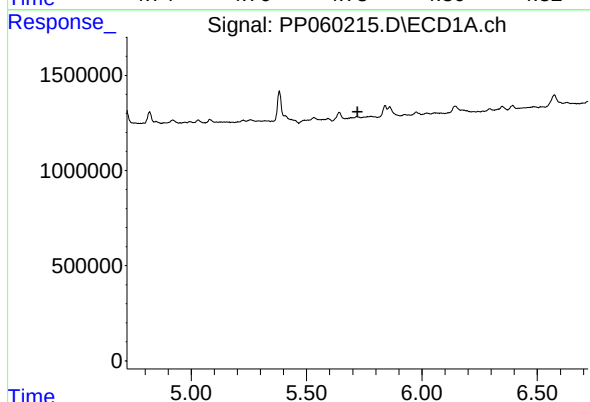
R.T.: 0.000 min
Exp R.T.: 5.699 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



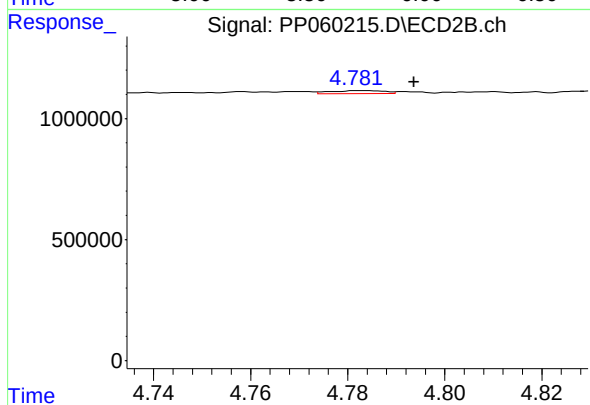
#3 AR-1016-1

R.T.: 4.782 min
Delta R.T.: 0.007 min
Response: 91943
Conc: 1.53 ng/ml



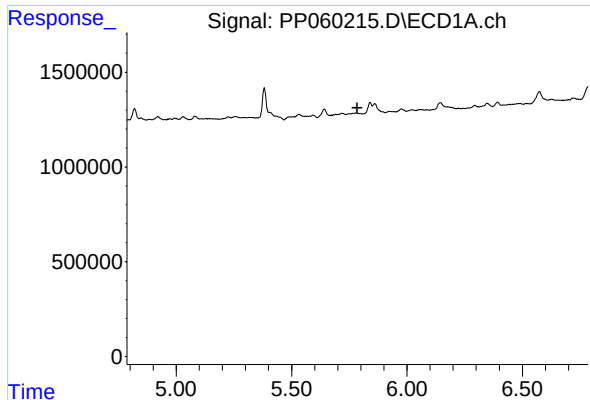
#4 AR-1016-2

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



#4 AR-1016-2

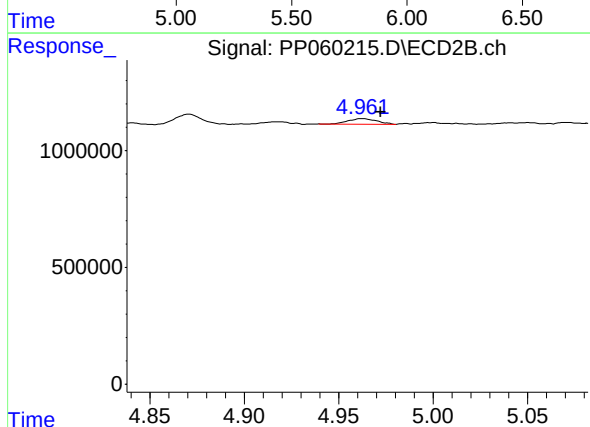
R.T.: 4.782 min
Delta R.T.: -0.012 min
Response: 91943
Conc: 1.11 ng/ml



#5 AR-1016-3

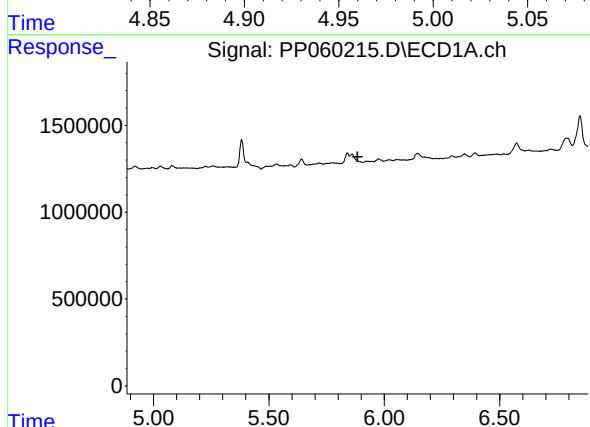
R.T.: 0.000 min
Exp R.T.: 5.785 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



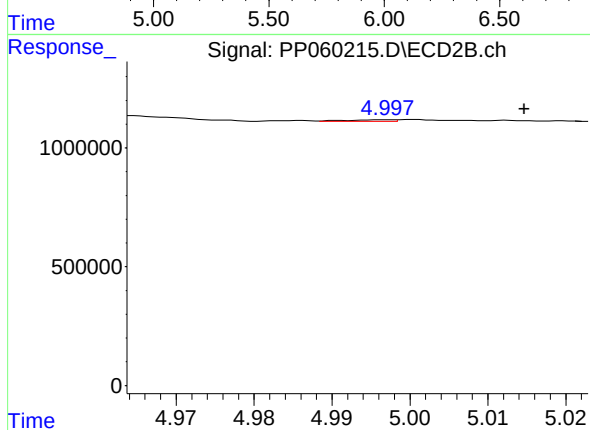
#5 AR-1016-3

R.T.: 4.962 min
Delta R.T.: -0.010 min
Response: 247536
Conc: 5.52 ng/ml



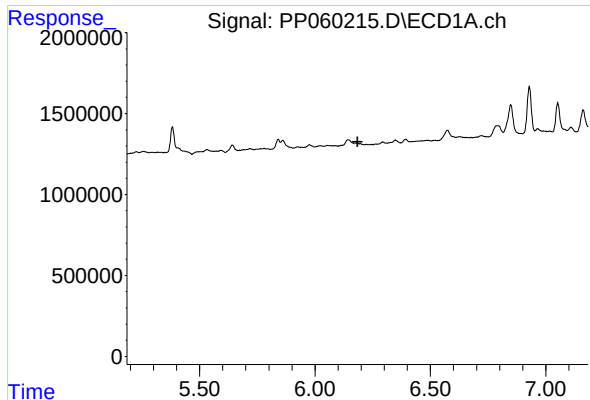
#6 AR-1016-4

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



#6 AR-1016-4

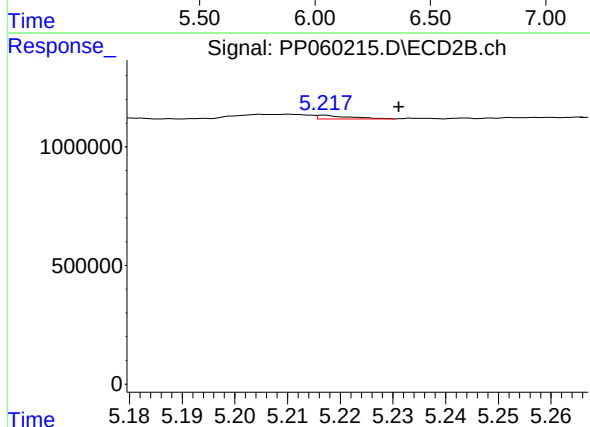
R.T.: 4.997 min
Delta R.T.: -0.018 min
Response: 24829
Conc: 0.70 ng/ml



#7 AR-1016-5

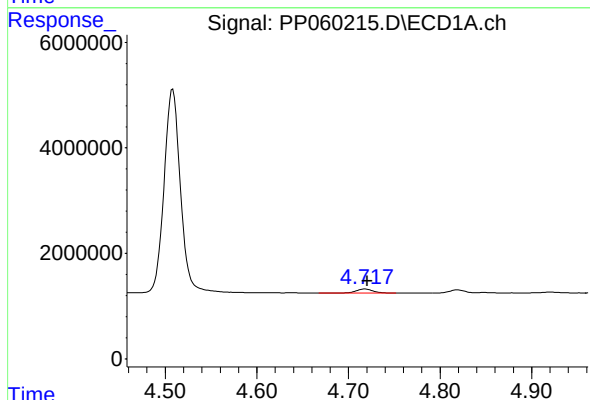
R.T.: 0.000 min
Exp R.T.: 6.184 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



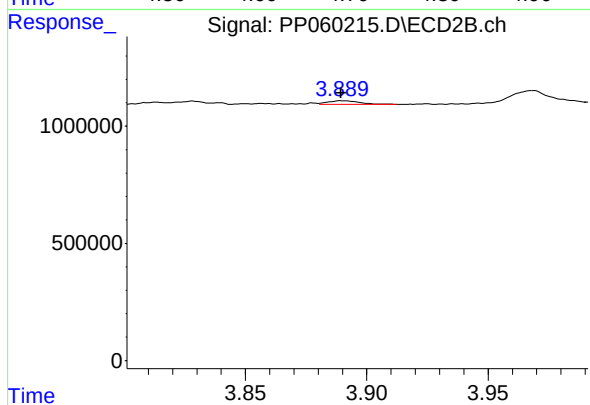
#7 AR-1016-5

R.T.: 5.217 min
Delta R.T.: -0.014 min
Response: 63720
Conc: 1.37 ng/ml



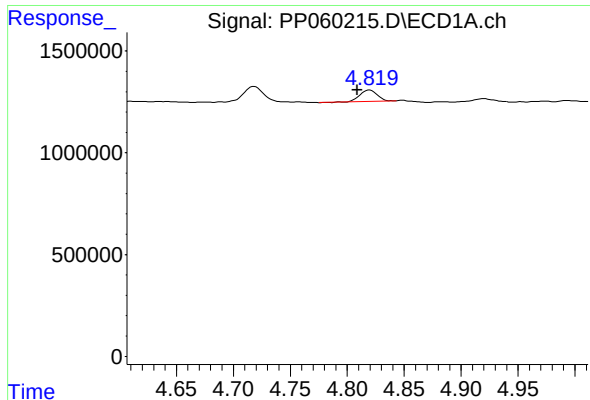
#8 AR-1221-1

R.T.: 4.718 min
Delta R.T.: -0.003 min
Response: 956973
Conc: 36.00 ng/ml



#8 AR-1221-1

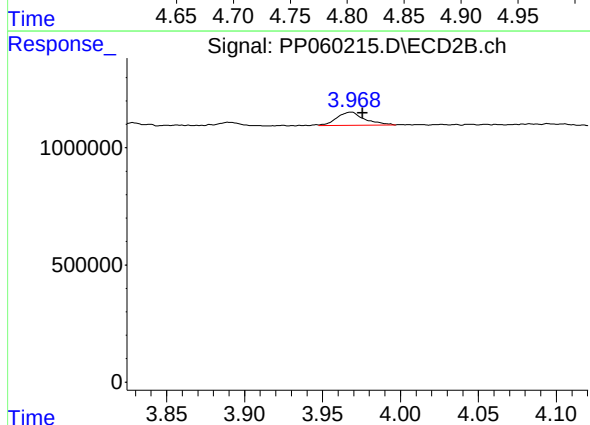
R.T.: 3.889 min
Delta R.T.: 0.000 min
Response: 148276
Conc: 6.75 ng/ml



#9 AR-1221-2

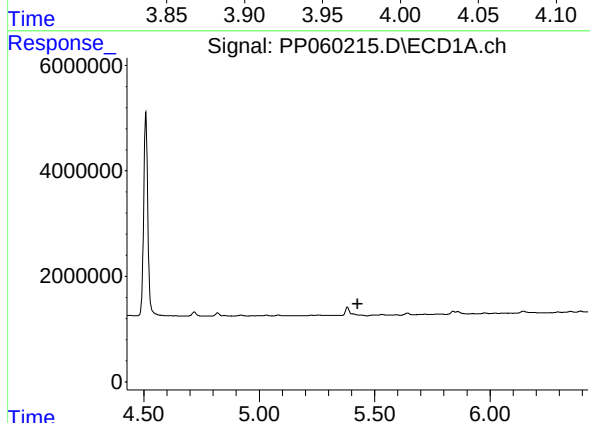
R.T.: 4.820 min
Delta R.T.: 0.011 min
Response: 576188
Conc: 29.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



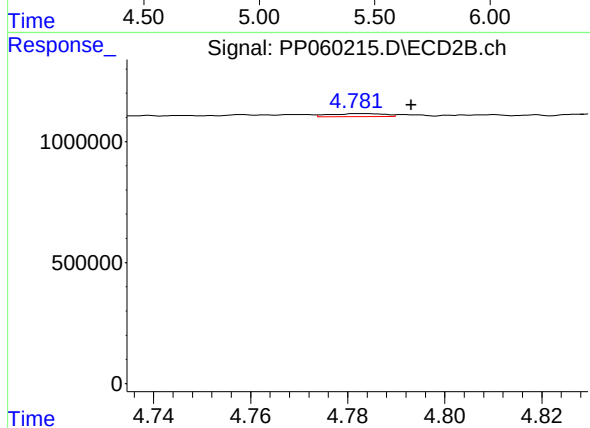
#9 AR-1221-2

R.T.: 3.969 min
Delta R.T.: -0.007 min
Response: 705365
Conc: 45.69 ng/ml



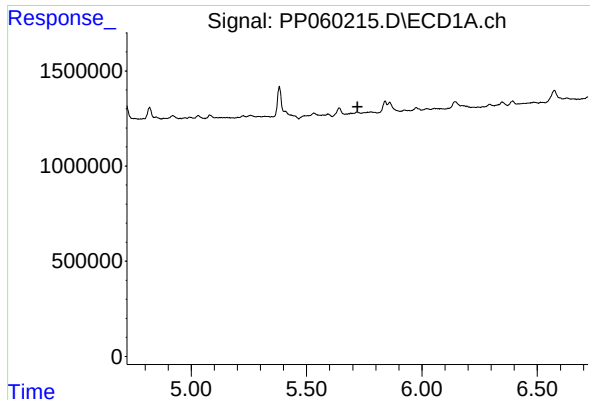
#12 AR-1232-2

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



#12 AR-1232-2

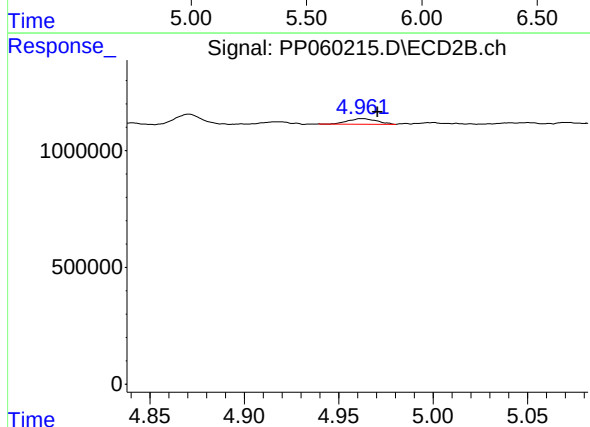
R.T.: 4.782 min
Delta R.T.: -0.011 min
Response: 91943
Conc: 2.49 ng/ml



#13 AR-1232-3

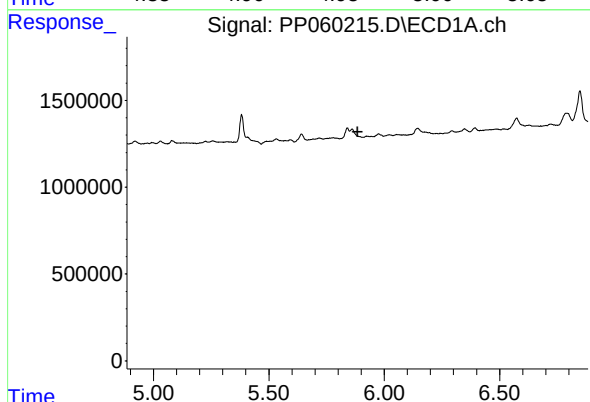
R.T.: 0.000 min
Exp R.T.: 5.721 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



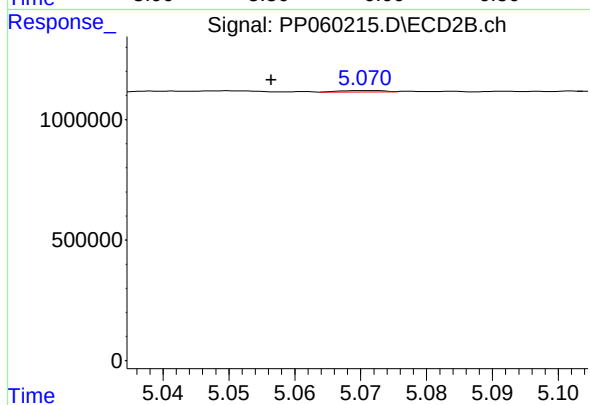
#13 AR-1232-3

R.T.: 4.962 min
Delta R.T.: -0.008 min
Response: 247536
Conc: 12.36 ng/ml



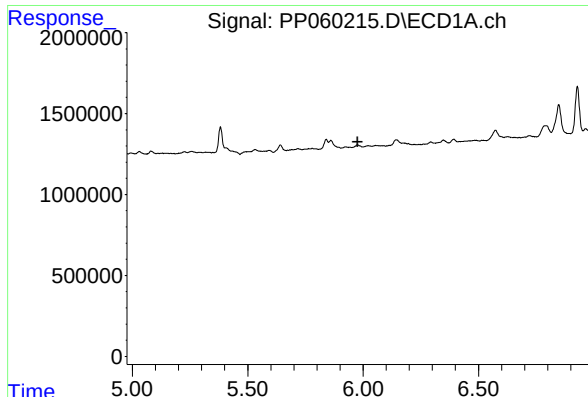
#14 AR-1232-4

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



#14 AR-1232-4

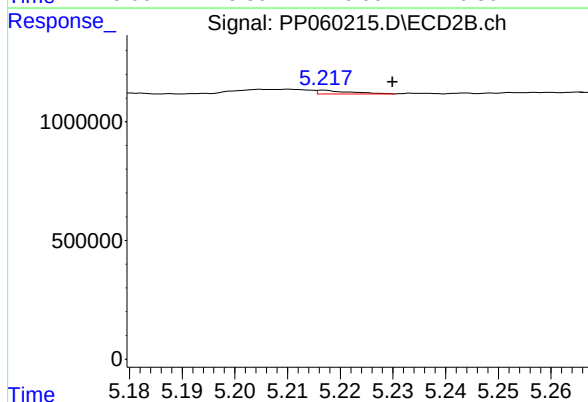
R.T.: 5.071 min
Delta R.T.: 0.014 min
Response: 31127
Conc: 1.70 ng/ml



#15 AR-1232-5

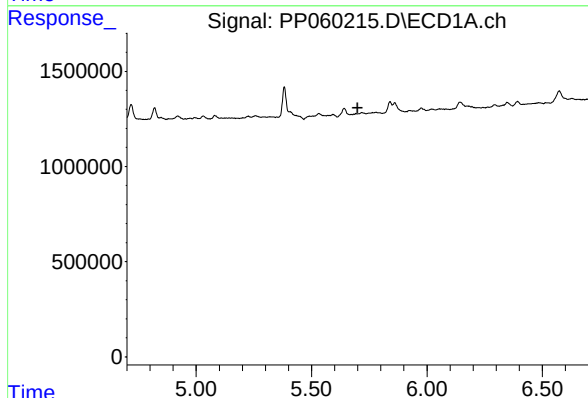
R.T.: 0.000 min
Exp R.T.: 5.976 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



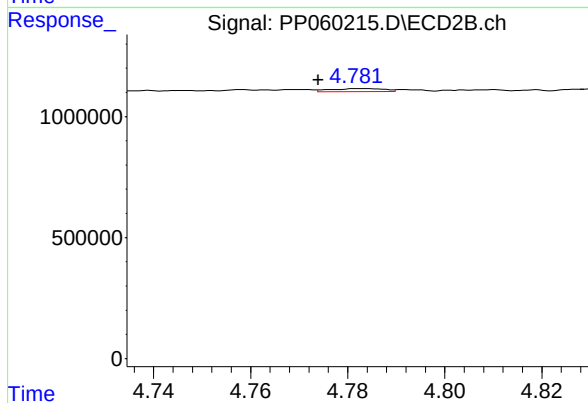
#15 AR-1232-5

R.T.: 5.217 min
Delta R.T.: -0.013 min
Response: 63720
Conc: 3.18 ng/ml



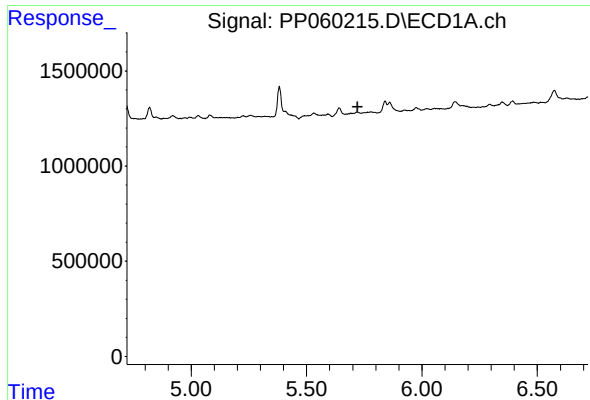
#16 AR-1242-1

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



#16 AR-1242-1

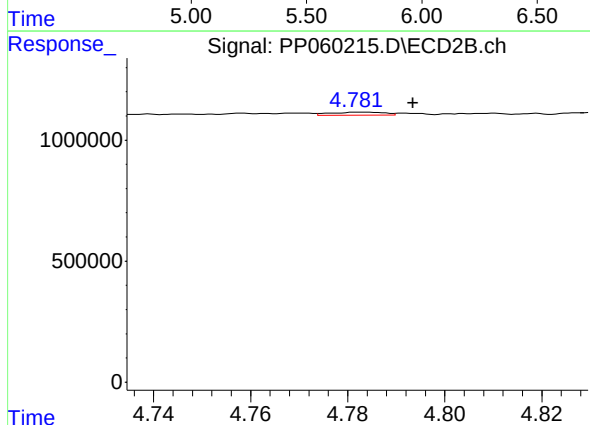
R.T.: 4.782 min
Delta R.T.: 0.008 min
Response: 91943
Conc: 1.75 ng/ml



#17 AR-1242-2

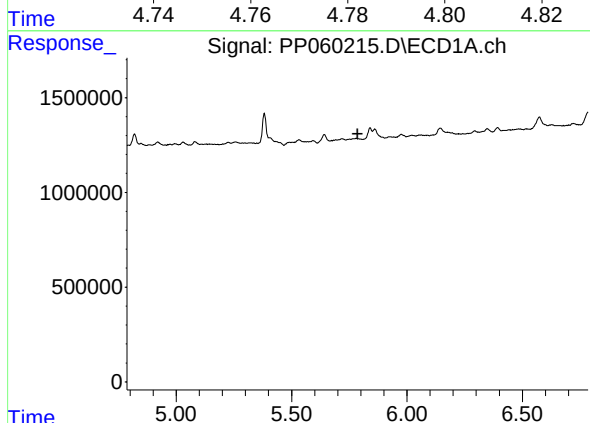
R.T.: 0.000 min
Exp R.T.: 5.721 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



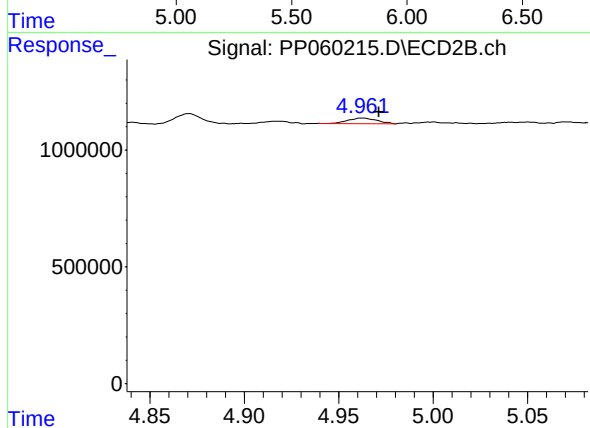
#17 AR-1242-2

R.T.: 4.782 min
Delta R.T.: -0.012 min
Response: 91943
Conc: 1.28 ng/ml



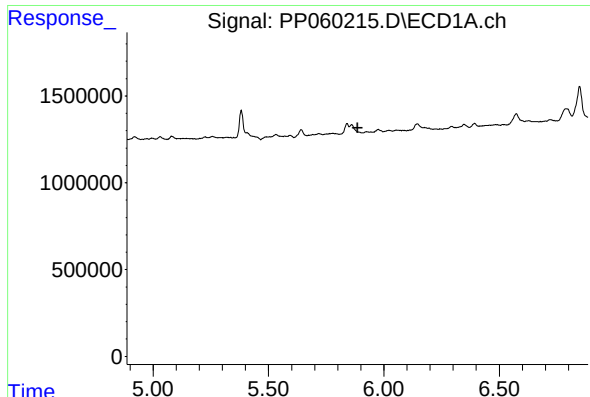
#18 AR-1242-3

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



#18 AR-1242-3

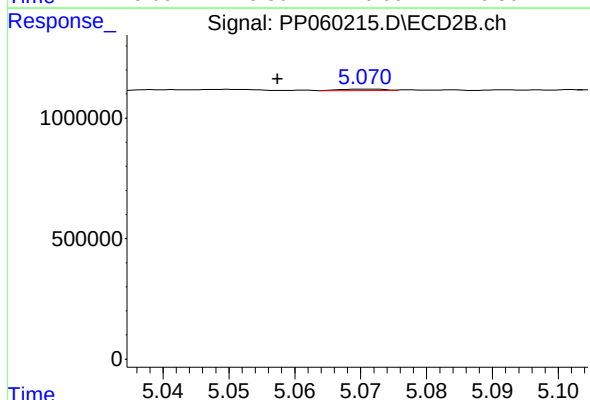
R.T.: 4.962 min
Delta R.T.: -0.009 min
Response: 247536
Conc: 6.33 ng/ml



#19 AR-1242-4

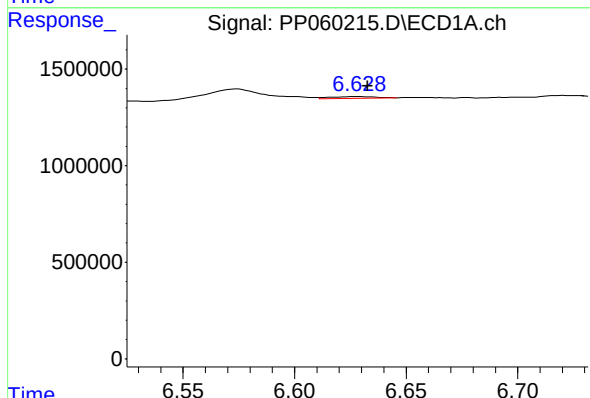
R.T.: 0.000 min
Exp R.T.: 5.885 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



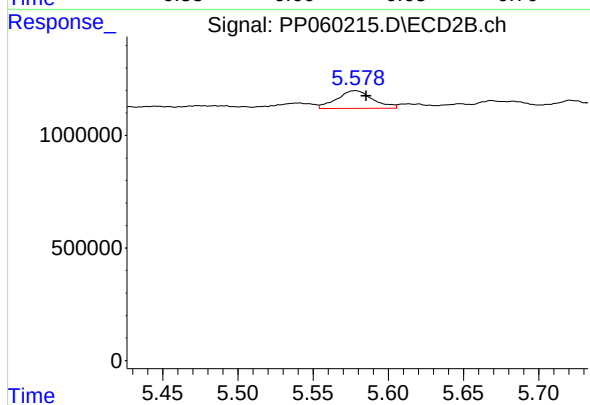
#19 AR-1242-4

R.T.: 5.071 min
Delta R.T.: 0.013 min
Response: 31127
Conc: 0.79 ng/ml



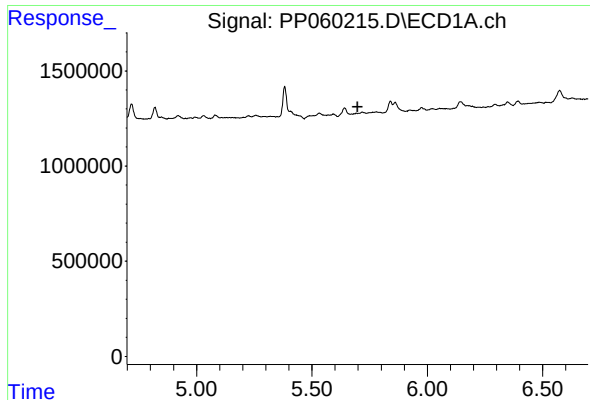
#20 AR-1242-5

R.T.: 6.628 min
Delta R.T.: -0.005 min
Response: 117647
Conc: 2.57 ng/ml



#20 AR-1242-5

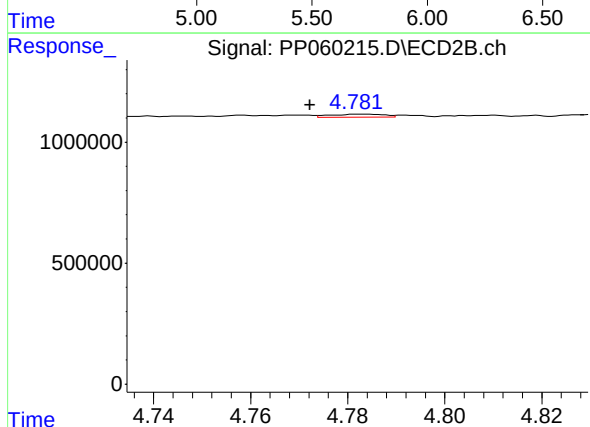
R.T.: 5.578 min
Delta R.T.: -0.007 min
Response: 1310304
Conc: 27.08 ng/ml



#21 AR-1248-1

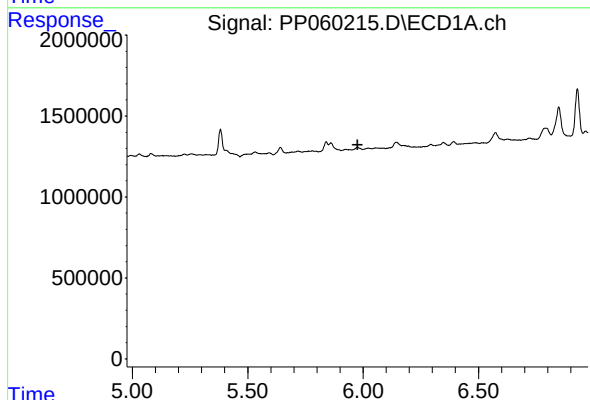
R.T.: 0.000 min
Exp R.T.: 5.697 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



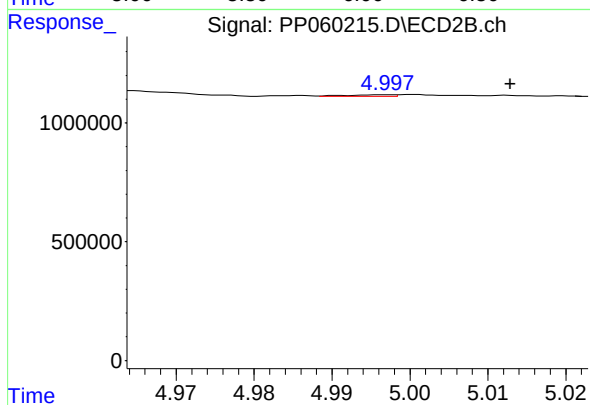
#21 AR-1248-1

R.T.: 4.782 min
Delta R.T.: 0.009 min
Response: 91943
Conc: 2.35 ng/ml



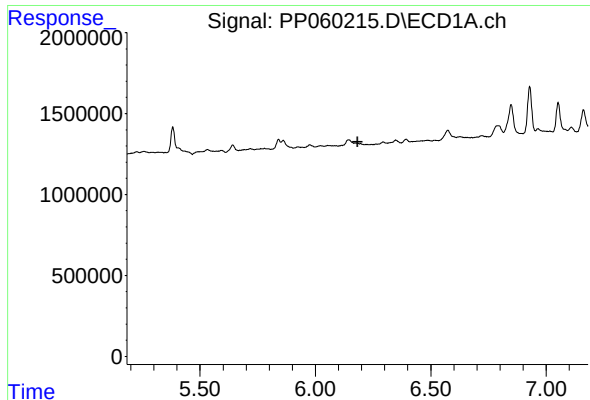
#22 AR-1248-2

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



#22 AR-1248-2

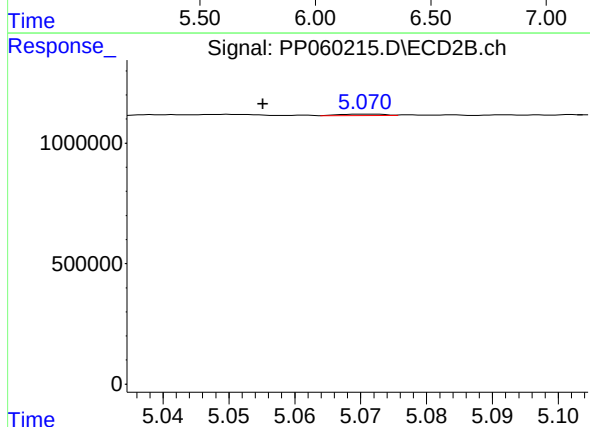
R.T.: 4.997 min
Delta R.T.: -0.016 min
Response: 24829
Conc: 0.46 ng/ml



#23 AR-1248-3

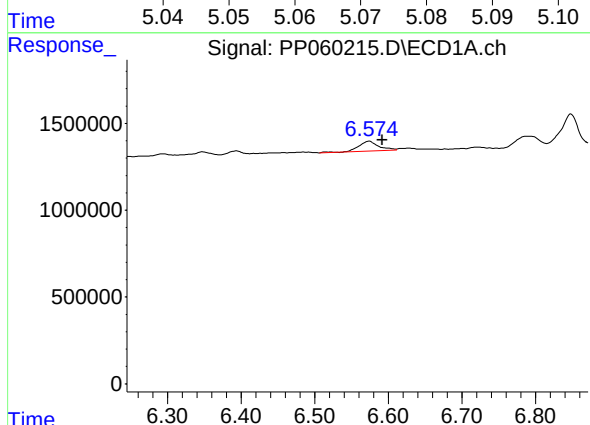
R.T.: 0.000 min
Exp R.T.: 6.183 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



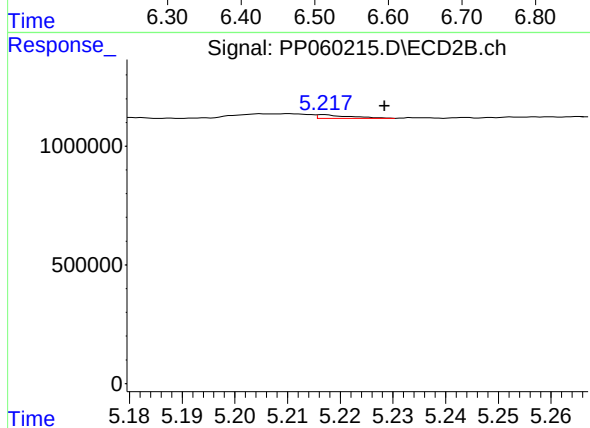
#23 AR-1248-3

R.T.: 5.071 min
Delta R.T.: 0.015 min
Response: 31127
Conc: 0.55 ng/ml



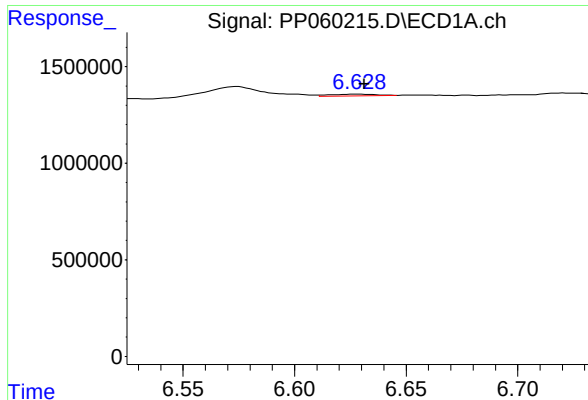
#24 AR-1248-4

R.T.: 6.574 min
Delta R.T.: -0.018 min
Response: 1073986
Conc: 13.89 ng/ml



#24 AR-1248-4

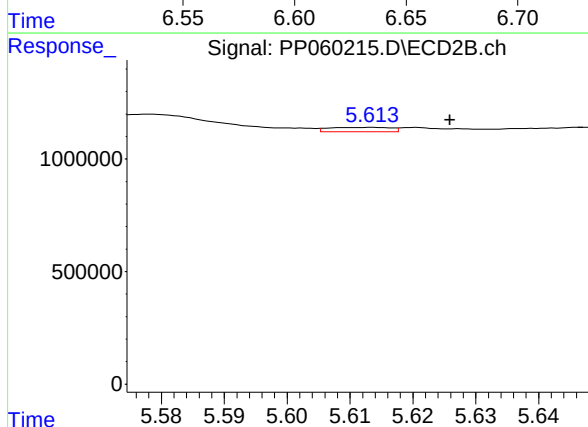
R.T.: 5.217 min
Delta R.T.: -0.012 min
Response: 63720
Conc: 0.95 ng/ml



#25 AR-1248-5

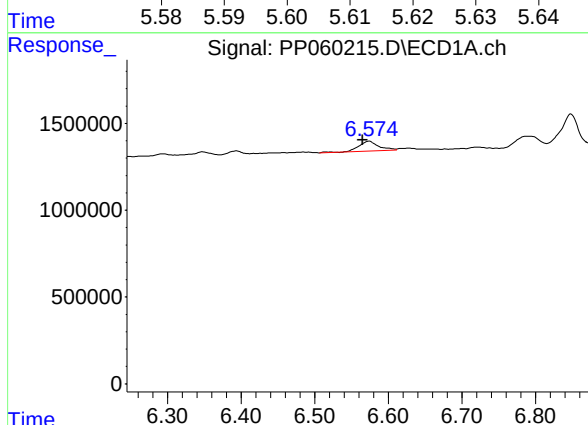
R.T.: 6.628 min
Delta R.T.: -0.003 min
Response: 117647
Conc: 1.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



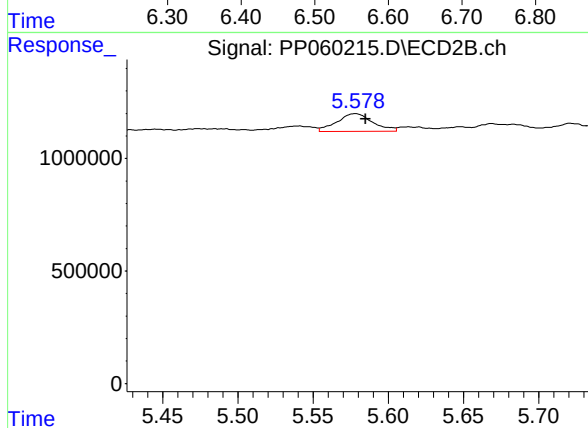
#25 AR-1248-5

R.T.: 5.614 min
Delta R.T.: -0.012 min
Response: 136394
Conc: 2.07 ng/ml



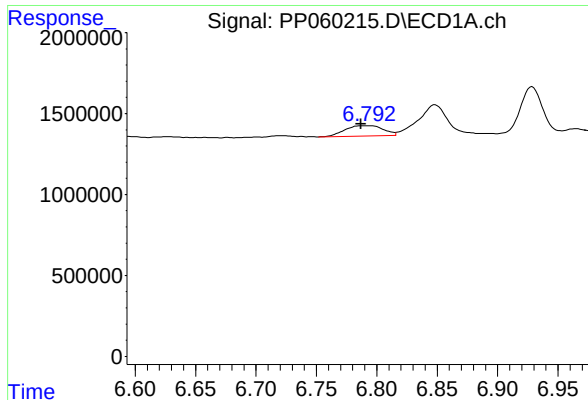
#26 AR-1254-1

R.T.: 6.574 min
Delta R.T.: 0.009 min
Response: 1073986
Conc: 13.45 ng/ml



#26 AR-1254-1

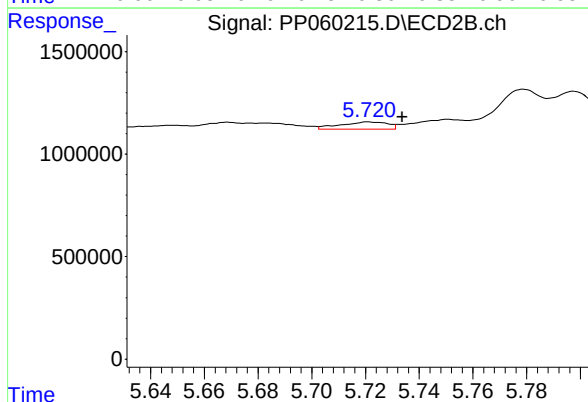
R.T.: 5.578 min
Delta R.T.: -0.007 min
Response: 1310304
Conc: 13.06 ng/ml



#27 AR-1254-2

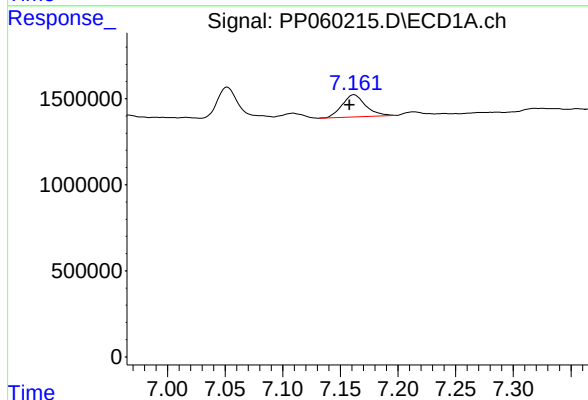
R.T.: 6.792 min
Delta R.T.: 0.006 min
Response: 1416311
Conc: 11.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



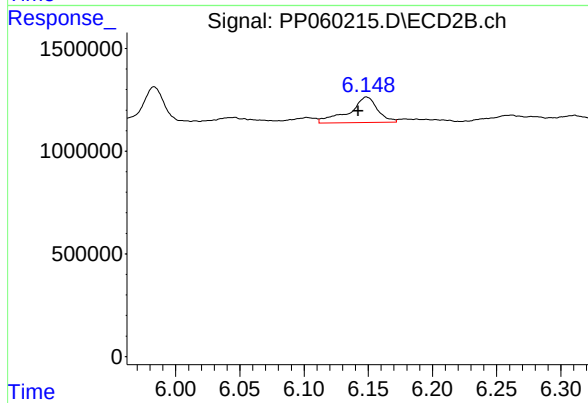
#27 AR-1254-2

R.T.: 5.721 min
Delta R.T.: -0.013 min
Response: 439547
Conc: 5.06 ng/ml



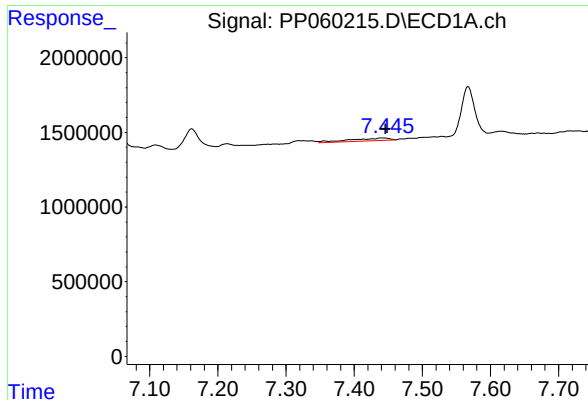
#28 AR-1254-3

R.T.: 7.162 min
Delta R.T.: 0.004 min
Response: 1827874
Conc: 15.05 ng/ml



#28 AR-1254-3

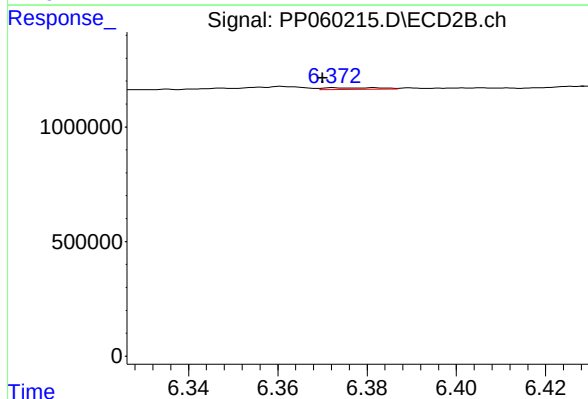
R.T.: 6.149 min
Delta R.T.: 0.006 min
Response: 1911047
Conc: 13.61 ng/ml



#29 AR-1254-4

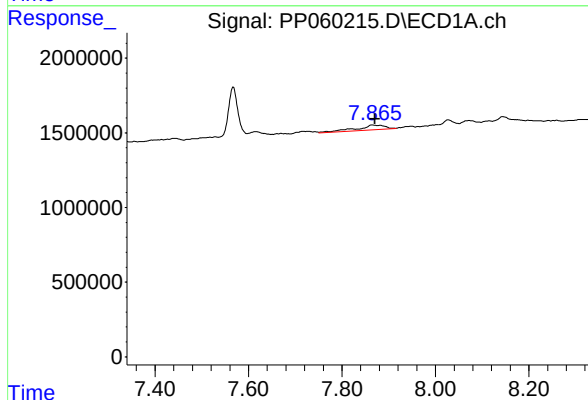
R.T.: 7.444 min
Delta R.T.: -0.003 min
Response: 758352
Conc: 8.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



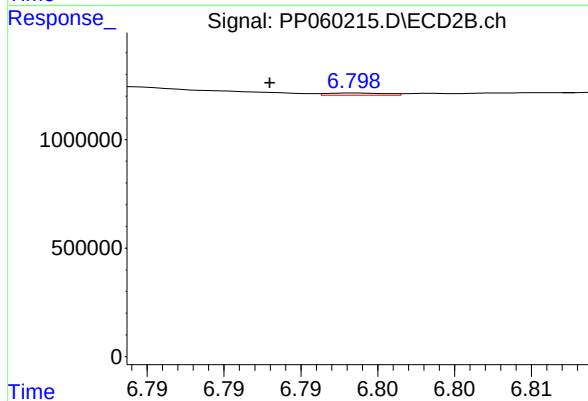
#29 AR-1254-4

R.T.: 6.373 min
Delta R.T.: 0.003 min
Response: 65214
Conc: 0.77 ng/ml



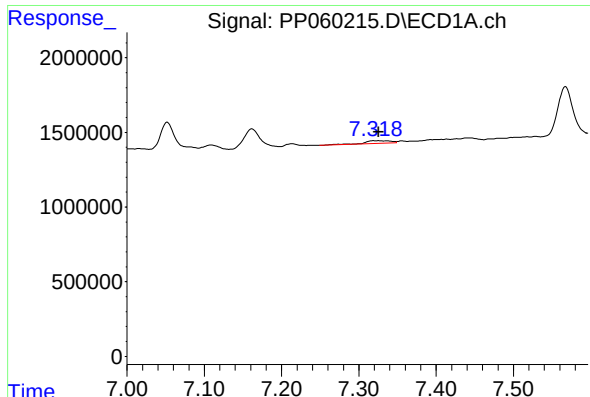
#30 AR-1254-5

R.T.: 7.865 min
Delta R.T.: -0.006 min
Response: 1369662
Conc: 14.08 ng/ml



#30 AR-1254-5

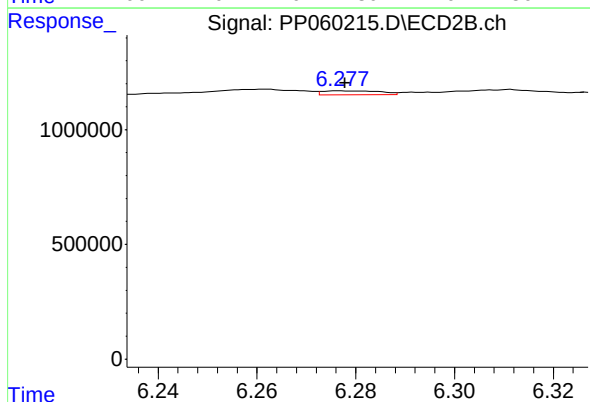
R.T.: 6.799 min
Delta R.T.: 0.006 min
Response: 26831
Conc: 0.23 ng/ml



#31 AR-1260-1

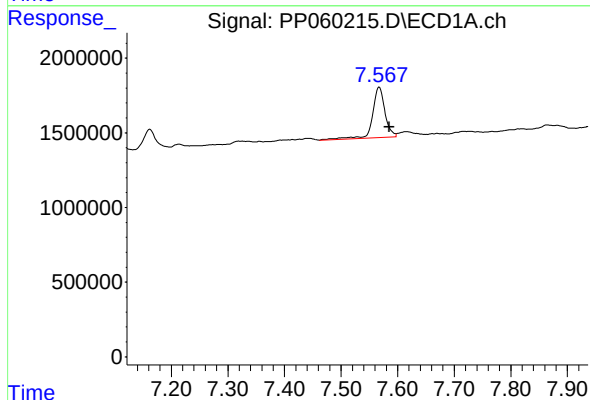
R.T.: 7.319 min
Delta R.T.: -0.006 min
Response: 460580
Conc: 5.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



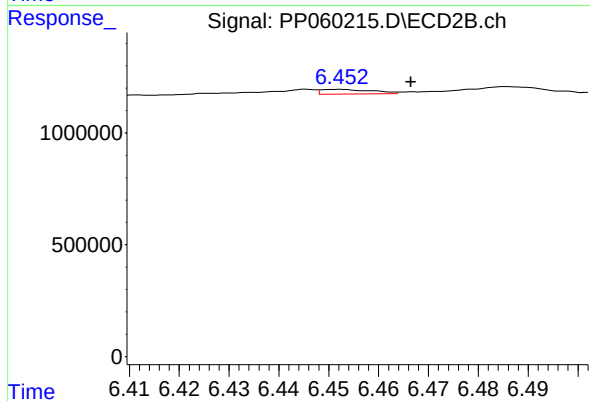
#31 AR-1260-1

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 136898
Conc: 1.47 ng/ml



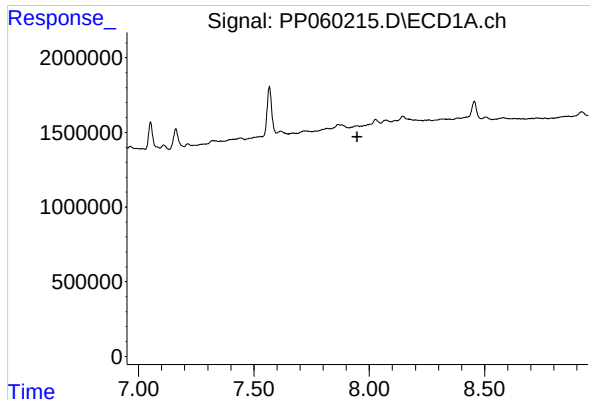
#32 AR-1260-2

R.T.: 7.567 min
Delta R.T.: -0.018 min
Response: 5167166
Conc: 50.37 ng/ml



#32 AR-1260-2

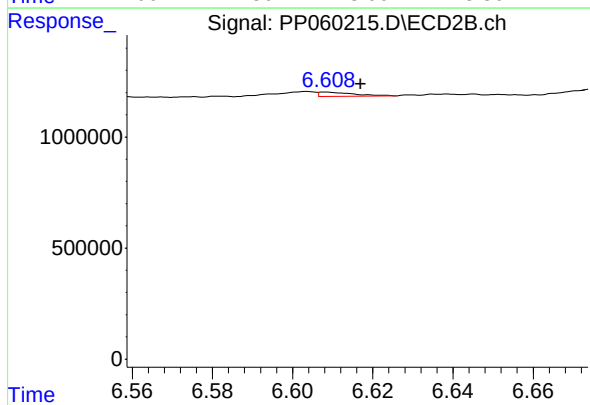
R.T.: 6.452 min
Delta R.T.: -0.014 min
Response: 151163
Conc: 1.38 ng/ml



#33 AR-1260-3

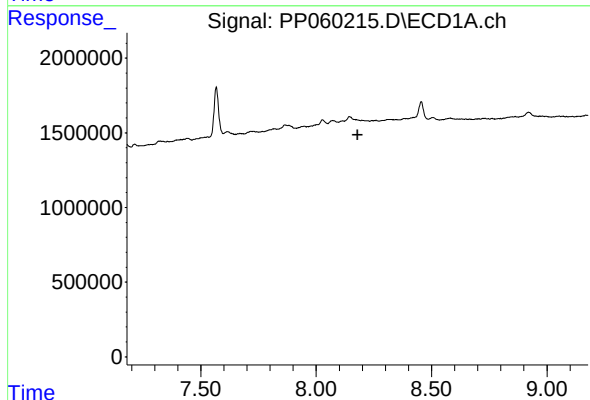
R.T.: 0.000 min
Exp R.T.: 7.948 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



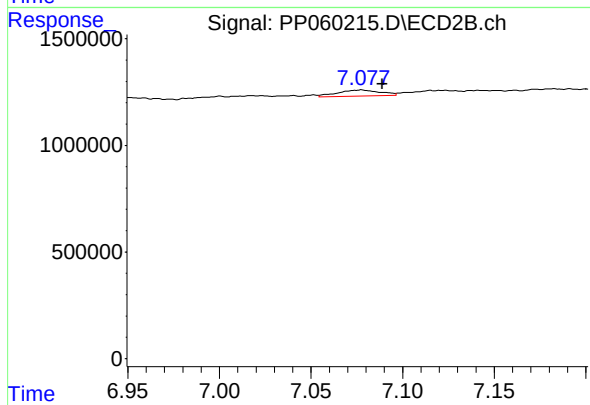
#33 AR-1260-3

R.T.: 6.608 min
Delta R.T.: -0.009 min
Response: 116996
Conc: 1.14 ng/ml



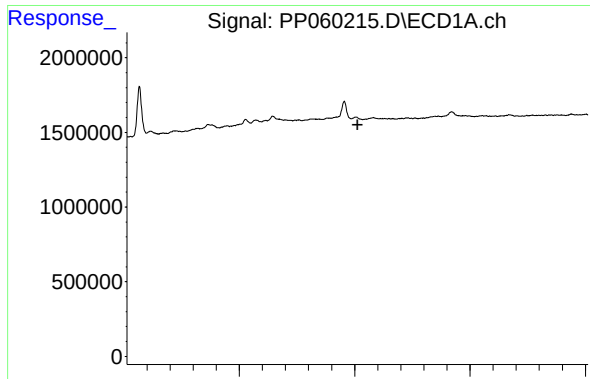
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 8.179 min
Response: 0
Conc: N.D.



#34 AR-1260-4

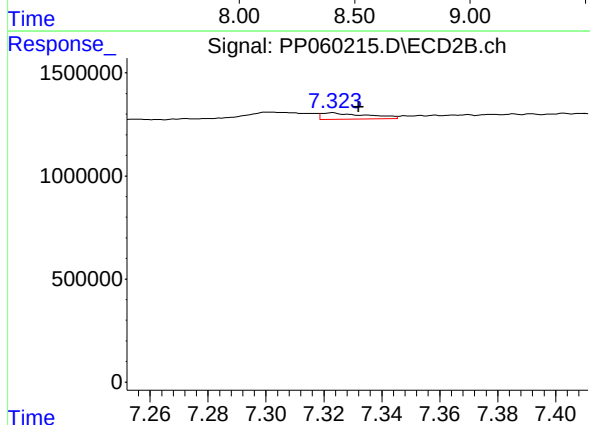
R.T.: 7.078 min
Delta R.T.: -0.011 min
Response: 468233
Conc: 5.62 ng/ml



#35 AR-1260-5

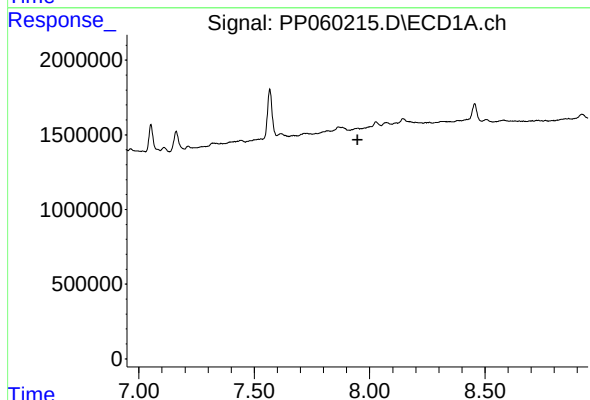
R.T.: 0.000 min
Exp R.T.: 8.513 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



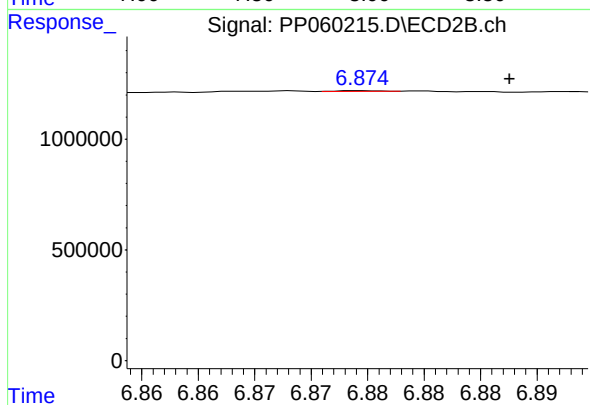
#35 AR-1260-5

R.T.: 7.323 min
Delta R.T.: -0.009 min
Response: 343816
Conc: 1.79 ng/ml



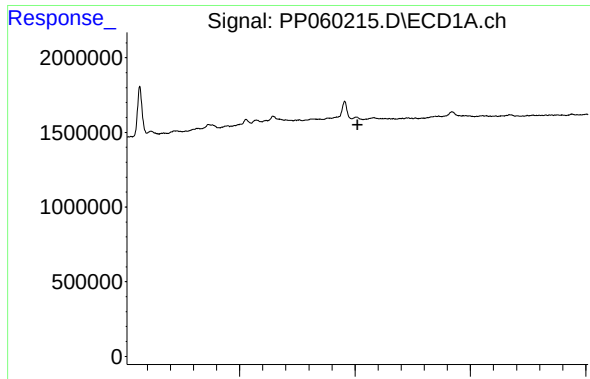
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 7.947 min
Response: 0
Conc: N.D.



#36 AR-1262-1

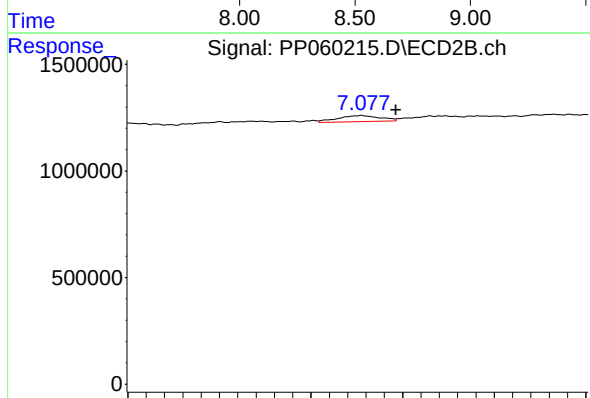
R.T.: 6.875 min
Delta R.T.: -0.013 min
Response: 9396
Conc: 0.19 ng/ml



#37 AR-1262-2

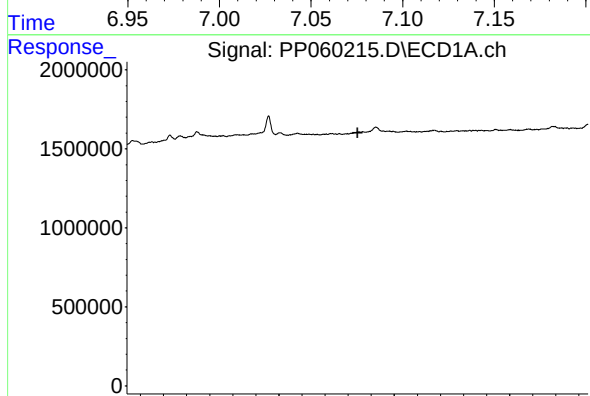
R.T.: 0.000 min
Exp R.T.: 8.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



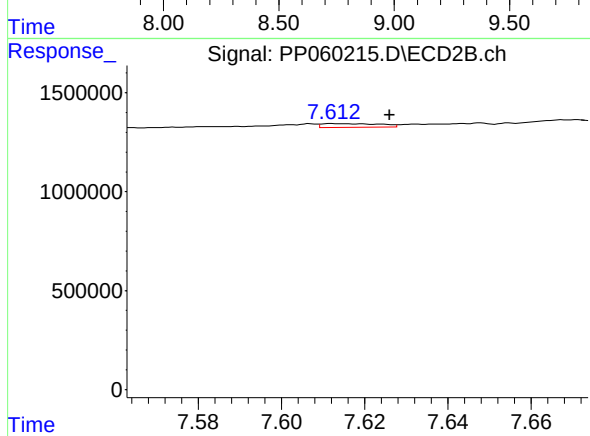
#37 AR-1262-2

R.T.: 7.078 min
Delta R.T.: -0.019 min
Response: 468233
Conc: 4.14 ng/ml



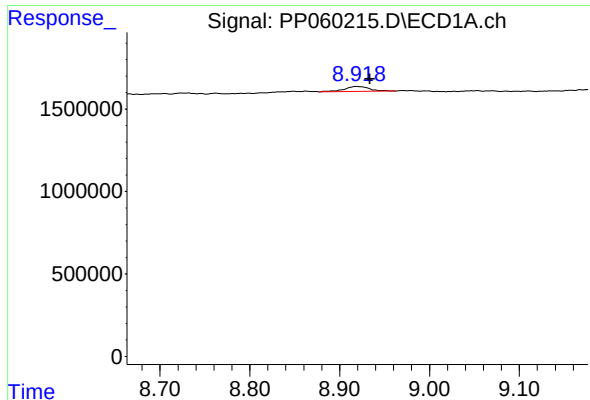
#38 AR-1262-3

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



#38 AR-1262-3

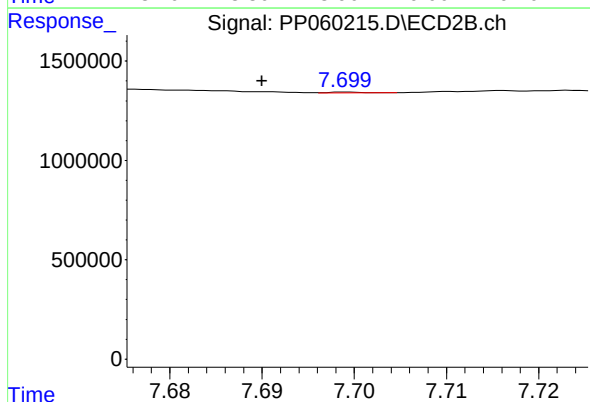
R.T.: 7.612 min
Delta R.T.: -0.014 min
Response: 183142
Conc: 2.09 ng/ml



#39 AR-1262-4

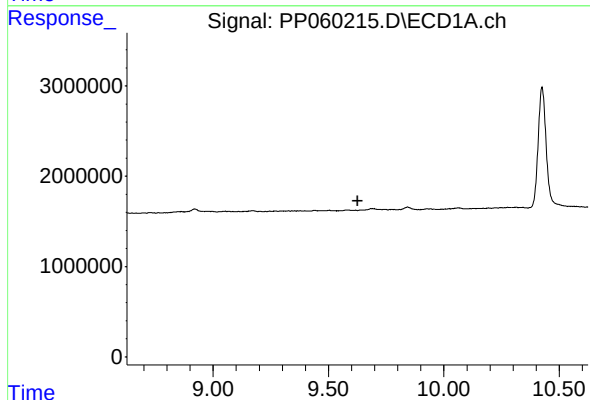
R.T.: 8.920 min
Delta R.T.: -0.014 min
Response: 615017
Conc: 5.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



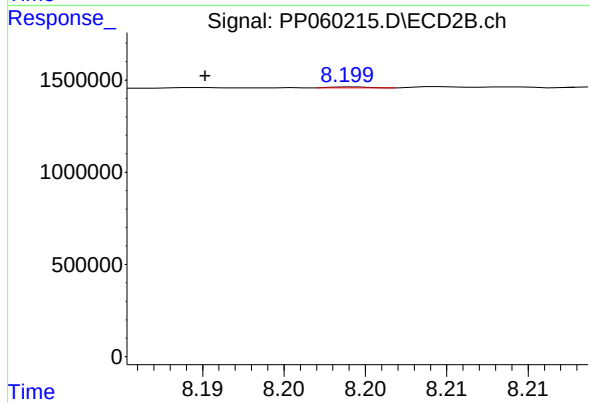
#39 AR-1262-4

R.T.: 7.699 min
Delta R.T.: 0.009 min
Response: 10571
Conc: 0.06 ng/ml



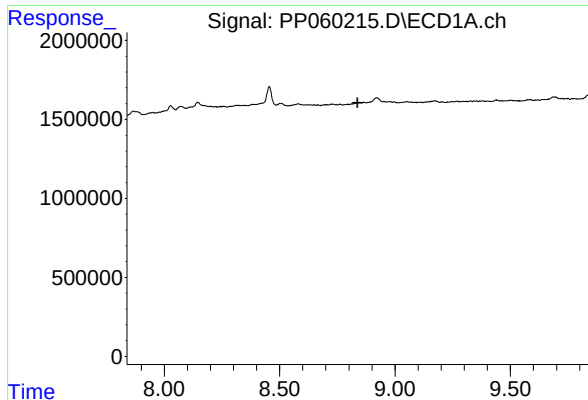
#40 AR-1262-5

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



#40 AR-1262-5

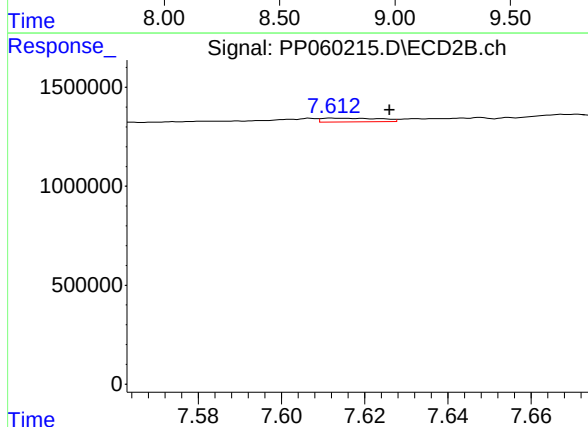
R.T.: 8.199 min
Delta R.T.: 0.009 min
Response: 8508
Conc: 0.11 ng/ml



#41 AR-1268-1

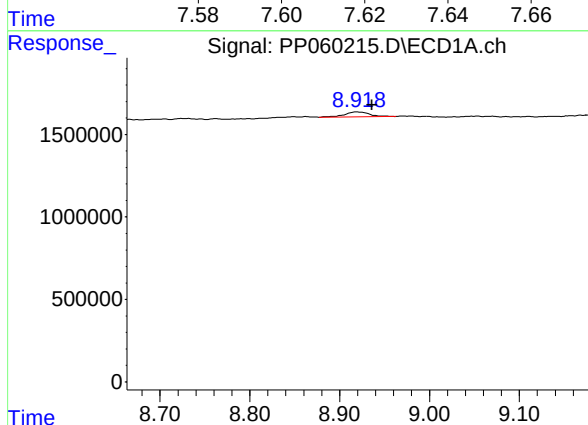
R.T.: 0.000 min
Exp R.T.: 8.838 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



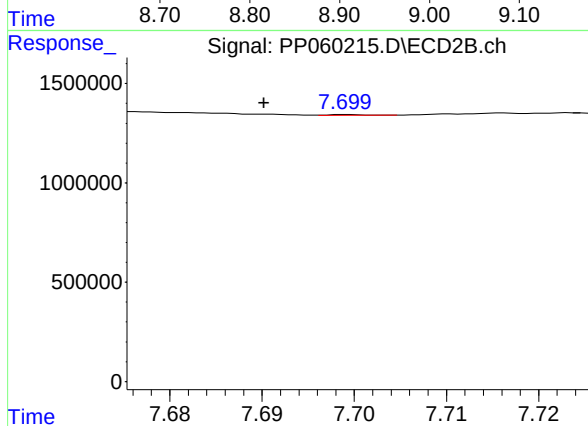
#41 AR-1268-1

R.T.: 7.612 min
Delta R.T.: -0.014 min
Response: 183142
Conc: 0.70 ng/ml



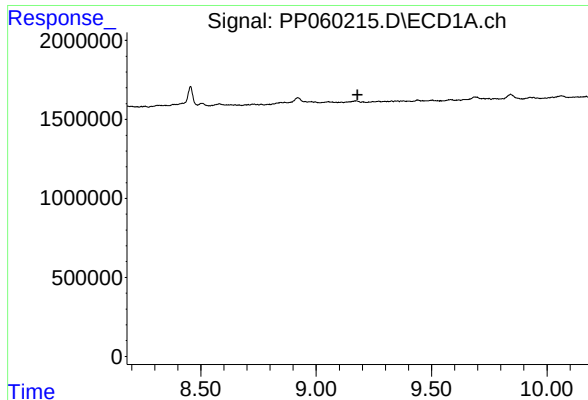
#42 AR-1268-2

R.T.: 8.920 min
Delta R.T.: -0.016 min
Response: 615017
Conc: 2.68 ng/ml



#42 AR-1268-2

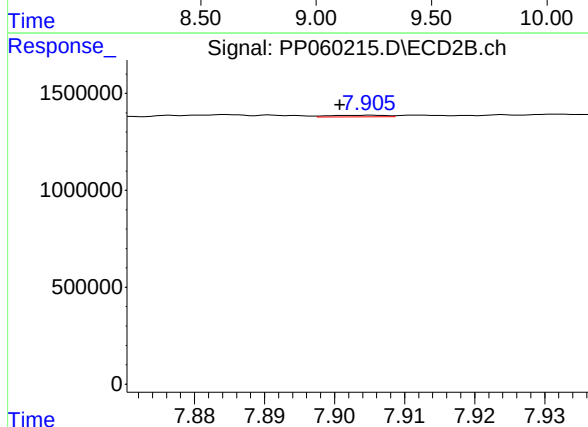
R.T.: 7.699 min
Delta R.T.: 0.009 min
Response: 10571
Conc: 0.05 ng/ml



#43 AR-1268-3

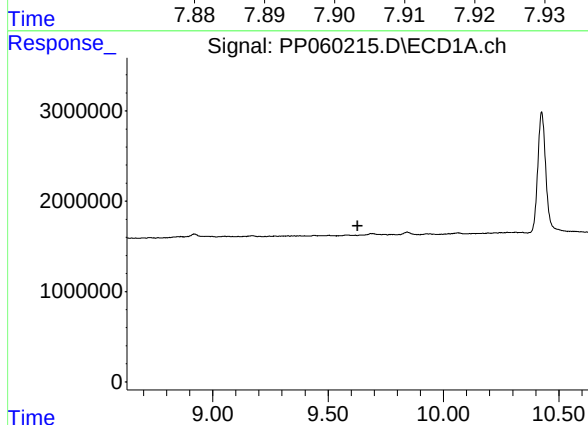
R.T.: 0.000 min
Exp R.T.: 9.178 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



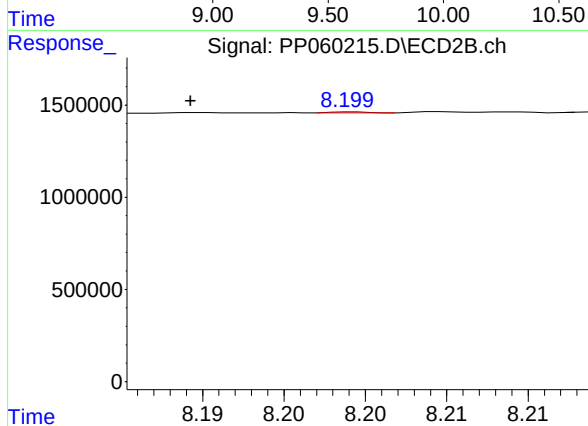
#43 AR-1268-3

R.T.: 7.905 min
Delta R.T.: 0.004 min
Response: 47043
Conc: 0.23 ng/ml



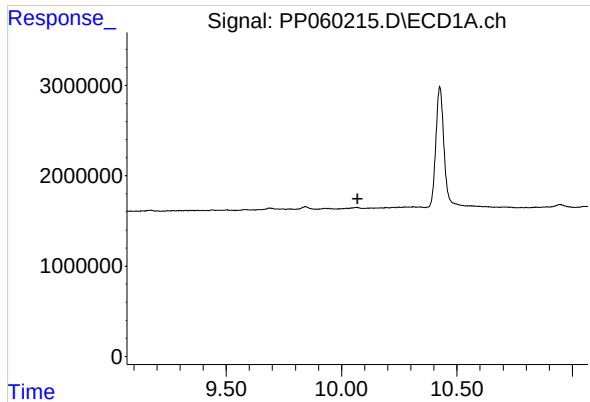
#44 AR-1268-4

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



#44 AR-1268-4

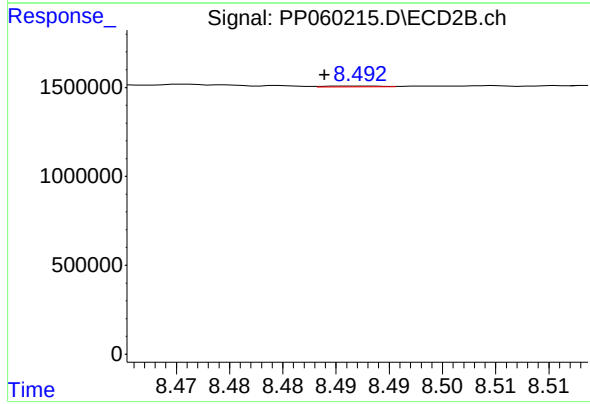
R.T.: 8.199 min
Delta R.T.: 0.010 min
Response: 8508
Conc: 0.11 ng/ml



#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.: 8.492 min
Delta R.T.: 0.003 min
Response: 18107
Conc: 0.03 ng/ml