

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092523\
 Data File : PP060193.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Sep 2023 11:05
 Operator : YP\AJ
 Sample : 04577-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 00:23:21 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...	4.509	3.665	37453956	26509477	18.004	16.275
2) SA Decachlor...	10.427	8.730	27767864	30711061	18.204	20.282
Target Compounds						
3) L1 AR-1016-1	5.696	4.783	1605966	2290976	23.801	38.109 #
4) L1 AR-1016-2	5.721	4.783	2916687	2290976	30.490	27.602
5) L1 AR-1016-3	5.783	4.961	1140385	1197254	19.159	26.689 #
6) L1 AR-1016-4	5.862f	5.005	422413	1546438	8.627	43.835 #
7) L1 AR-1016-5	6.182	5.217	3943828	262961	80.211	5.655 #
8) L2 AR-1221-1	4.717	3.888	4170723	952490	156.893	43.364 #
9) L2 AR-1221-2	4.821	3.967	1098030	485926	55.786	31.474 #
10) L2 AR-1221-3	0.000	4.044	0	116951	N.D.	2.493 #
11) L3 AR-1232-1	0.000	4.044	0	116951	N.D.	3.077 #
12) L3 AR-1232-2	5.423	4.783	3792548	2290976	149.320	62.131 #
13) L3 AR-1232-3	5.721	4.961	2916687	1197254	67.511	59.792
14) L3 AR-1232-4	5.862f	5.046	422413	676880	19.111	37.056 #
15) L3 AR-1232-5	5.976	5.217	1721612	262961	93.845	13.116 #
16) L4 AR-1242-1	5.696	4.783	1605966	2290976	26.889	43.504 #
17) L4 AR-1242-2	5.721	4.783	2916687	2290976	34.707	31.794
18) L4 AR-1242-3	5.783	4.961	1140385	1197254	21.804	30.594 #
19) L4 AR-1242-4	5.862f	5.046	422413	676880	9.803	17.272 #
20) L4 AR-1242-5	6.603f	5.575	26441938	11821886	578.352	244.355 #
21) L5 AR-1248-1	5.696	4.764	1605966	1437967	35.930	36.802
22) L5 AR-1248-2	5.976	5.005	1721612	1546438	26.583	28.541
23) L5 AR-1248-3	6.182	5.046	3943828	676880	55.686	11.896 #
24) L5 AR-1248-4	6.603	5.217	26441938	262961	341.874	3.915 #
25) L5 AR-1248-5	6.603f	5.611	26441938	3155177	351.433	47.832 #
26) L6 AR-1254-1	6.559	5.575	21279672	11821886	266.541	117.798 #
27) L6 AR-1254-2	6.787	5.723	16835754	6367030	140.565	73.288 #
28) L6 AR-1254-3	7.157	6.130	28455013	31102275	234.235	221.525
29) L6 AR-1254-4	7.444	6.360	9901068	5950196	111.335	70.688 #
30) L6 AR-1254-5	7.887f	6.781	397.4E6	381.1E6	4085.801	3212.613
31) L7 AR-1260-1	7.321	6.262	18215284	23461704	202.081	251.961
32) L7 AR-1260-2	7.575	6.455	59282197	44021178	577.868	401.517 #
33) L7 AR-1260-3	7.944	6.605	13488989	16756879	171.270	162.918
34) L7 AR-1260-4	8.171	7.081	24402376	10829582	272.286	130.032 #
35) L7 AR-1260-5	8.508	7.323	17114911	29539690	100.286	153.530 #
36) L8 AR-1262-1	7.944	6.872f	13488989	10275354	116.552	203.578 #
37) L8 AR-1262-2	8.508	7.081f	17114911	10829582	85.493	95.859
38) L8 AR-1262-3	8.847	7.612	18931884	8696565	131.471	99.215
39) L8 AR-1262-4	8.928	7.673f	10797556	24241839	95.085	148.444 #
40) L8 AR-1262-5	9.623	8.173f	5304312	3917630	71.101	52.485 #
41) L9 AR-1268-1	8.847	7.612	18931884	8696565	75.499	33.403 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092523\
 Data File : PP060193.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Sep 2023 11:05
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 Sample : 04577-04
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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 00:23:21 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

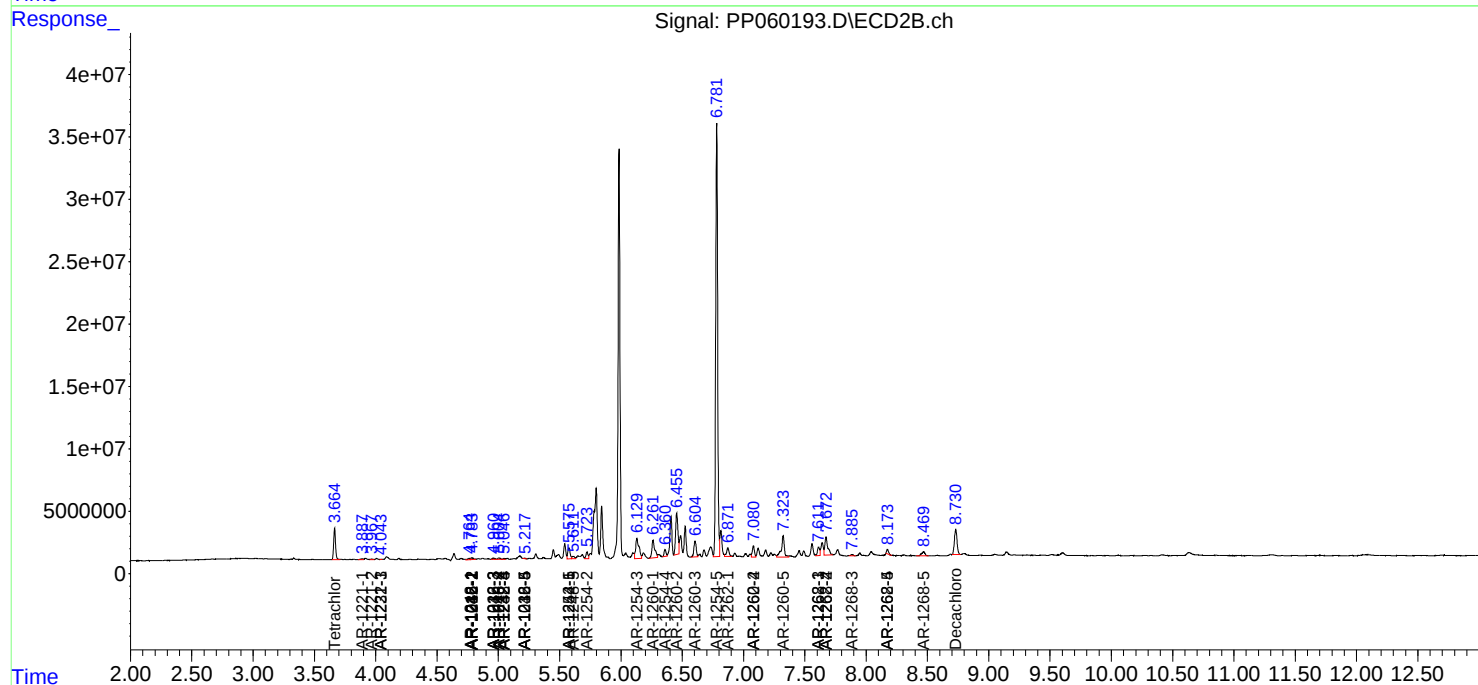
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

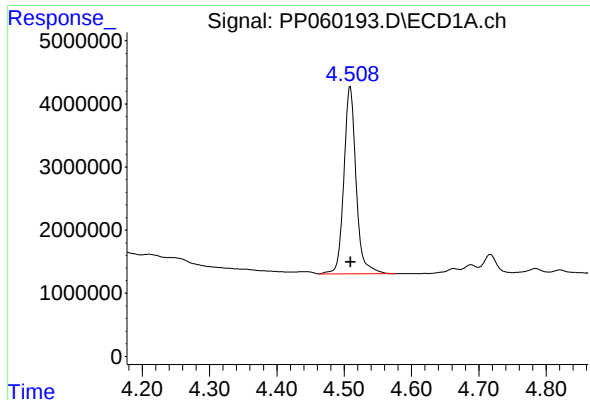
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.928	7.673f	10797556	24241839	47.048	104.857 #
43) L9	AR-1268-3	9.175	7.885f	1234730	1416669	6.258	6.939
44) L9	AR-1268-4	9.623	8.173f	5304312	3917630	64.041	48.519
45) L9	AR-1268-5	10.065	8.470f	4813148	5986809	7.952	9.478

(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

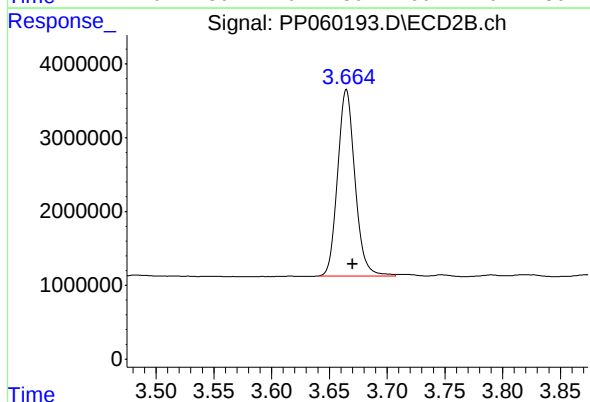




#1 Tetrachloro-m-xylene

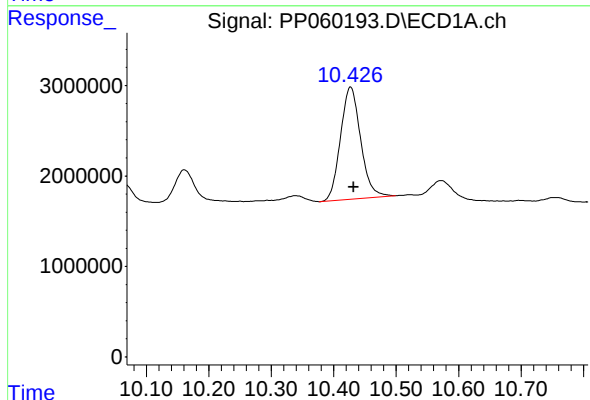
R.T.: 4.509 min
Delta R.T.: -0.001 min
Response: 37453956
Conc: 18.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



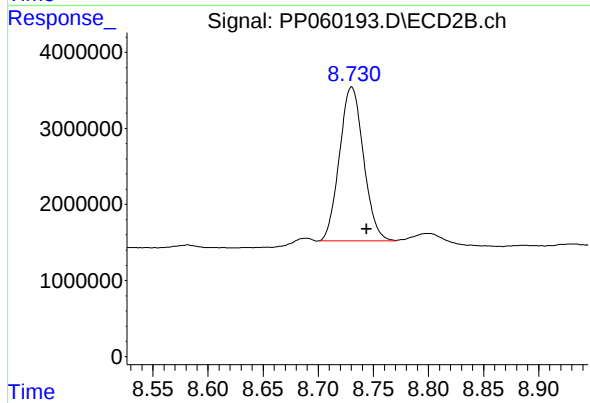
#1 Tetrachloro-m-xylene

R.T.: 3.665 min
Delta R.T.: -0.005 min
Response: 26509477
Conc: 16.27 ng/ml



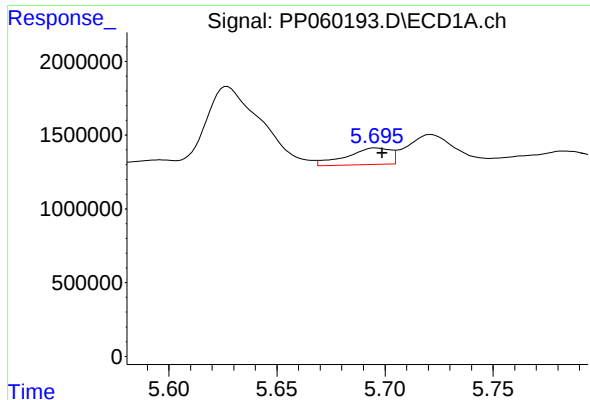
#2 Decachlorobiphenyl

R.T.: 10.427 min
Delta R.T.: -0.005 min
Response: 27767864
Conc: 18.20 ng/ml



#2 Decachlorobiphenyl

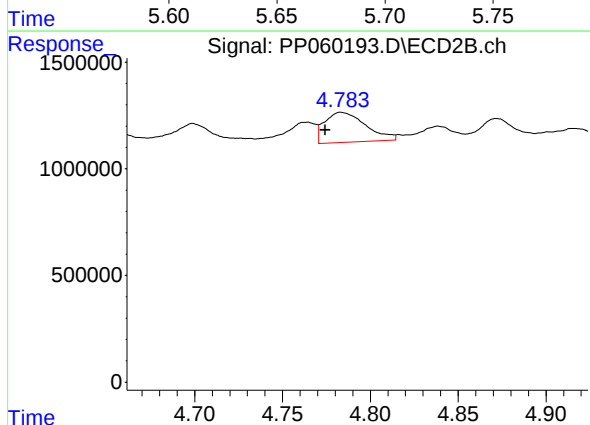
R.T.: 8.730 min
Delta R.T.: -0.014 min
Response: 30711061
Conc: 20.28 ng/ml



#3 AR-1016-1

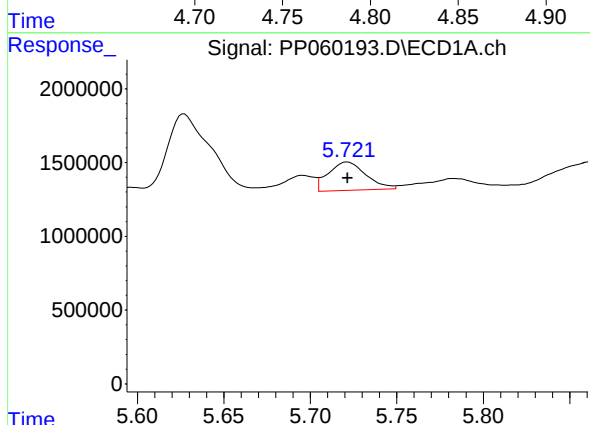
R.T.: 5.696 min
Delta R.T.: -0.003 min
Response: 1605966
Conc: 23.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



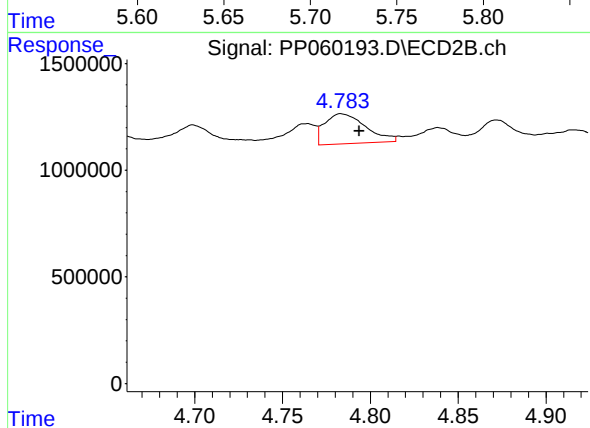
#3 AR-1016-1

R.T.: 4.783 min
Delta R.T.: 0.009 min
Response: 2290976
Conc: 38.11 ng/ml



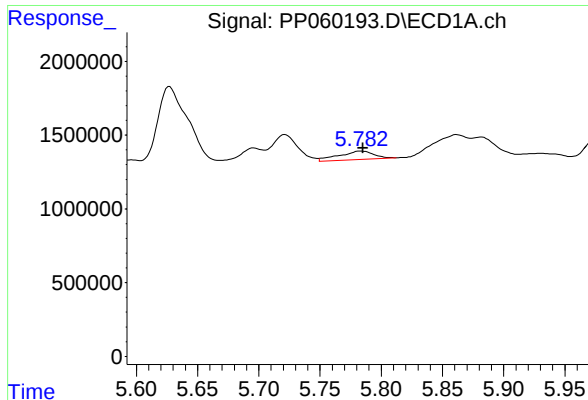
#4 AR-1016-2

R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 2916687
Conc: 30.49 ng/ml



#4 AR-1016-2

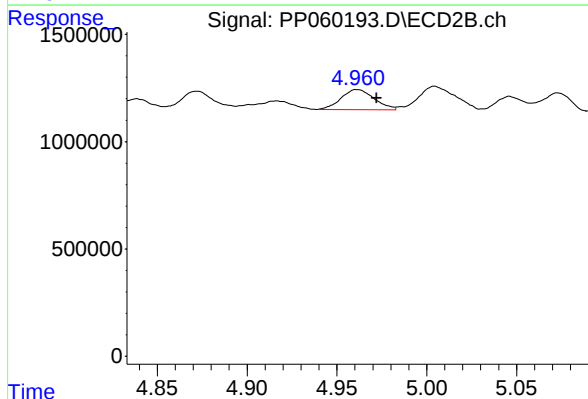
R.T.: 4.783 min
Delta R.T.: -0.011 min
Response: 2290976
Conc: 27.60 ng/ml



#5 AR-1016-3

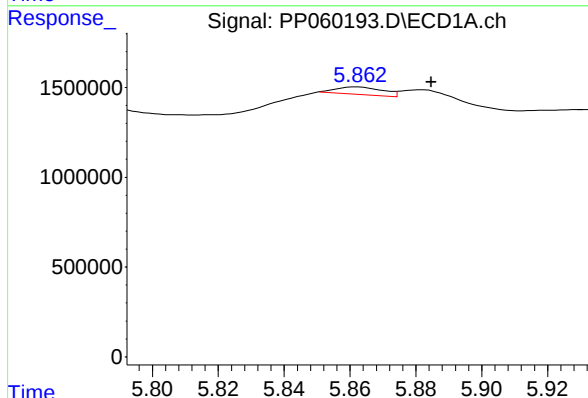
R.T.: 5.783 min
Delta R.T.: -0.002 min
Response: 1140385
Conc: 19.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



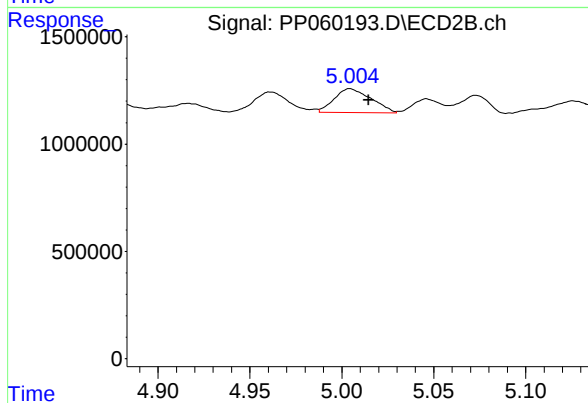
#5 AR-1016-3

R.T.: 4.961 min
Delta R.T.: -0.011 min
Response: 1197254
Conc: 26.69 ng/ml



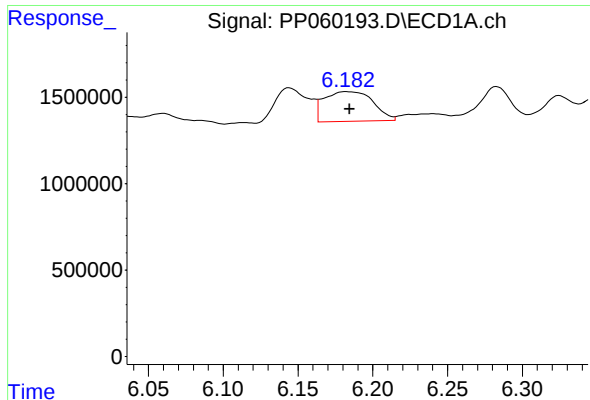
#6 AR-1016-4

R.T.: 5.862 min
Delta R.T.: -0.023 min
Response: 422413
Conc: 8.63 ng/ml



#6 AR-1016-4

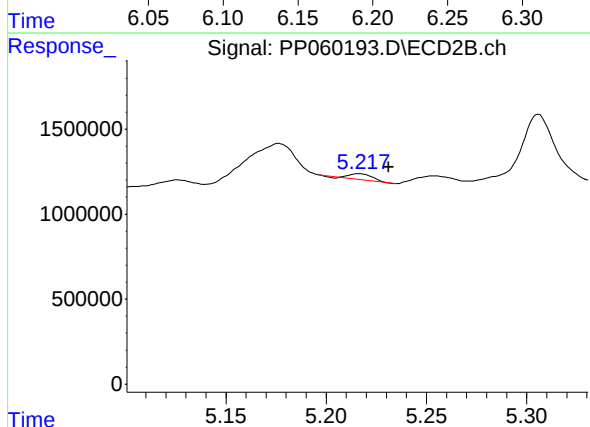
R.T.: 5.005 min
Delta R.T.: -0.010 min
Response: 1546438
Conc: 43.83 ng/ml



#7 AR-1016-5

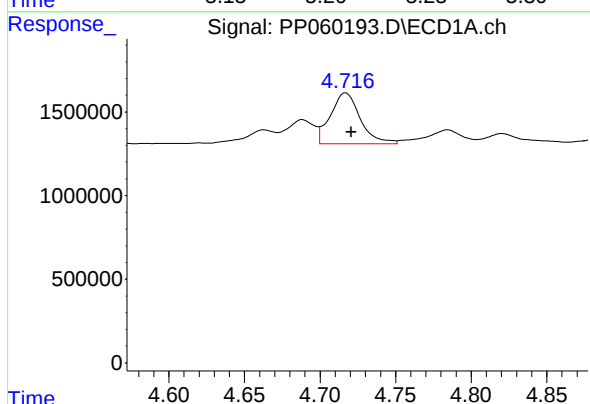
R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 3943828
Conc: 80.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



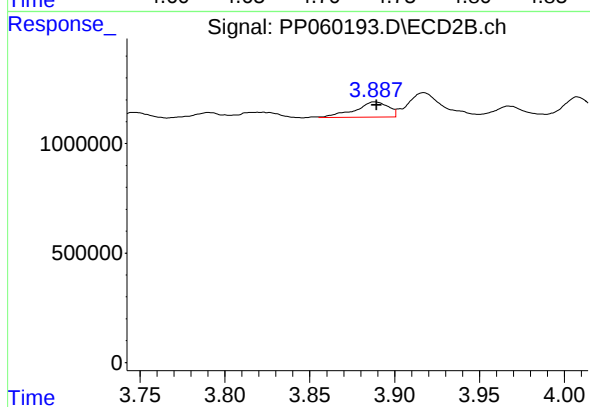
#7 AR-1016-5

R.T.: 5.217 min
Delta R.T.: -0.015 min
Response: 262961
Conc: 5.66 ng/ml



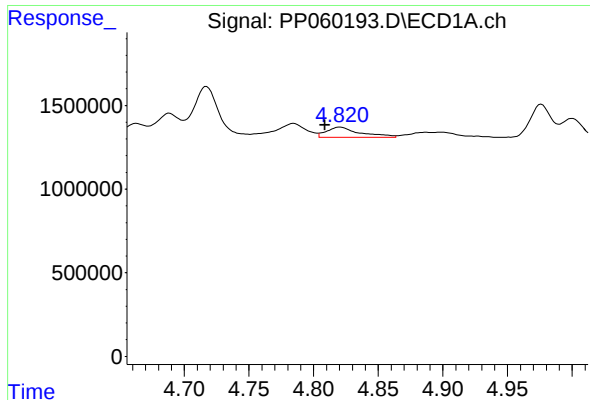
#8 AR-1221-1

R.T.: 4.717 min
Delta R.T.: -0.004 min
Response: 4170723
Conc: 156.89 ng/ml



#8 AR-1221-1

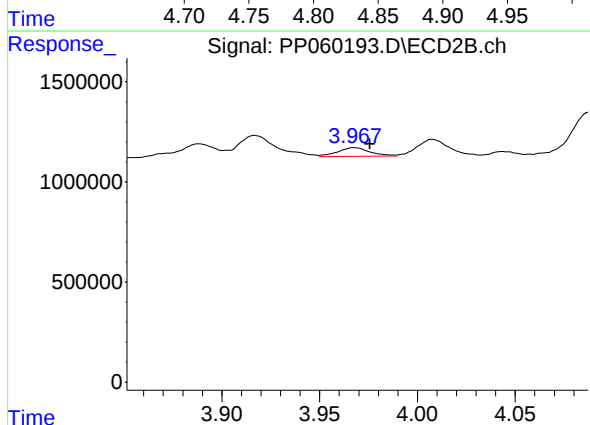
R.T.: 3.888 min
Delta R.T.: -0.001 min
Response: 952490
Conc: 43.36 ng/ml



#9 AR-1221-2

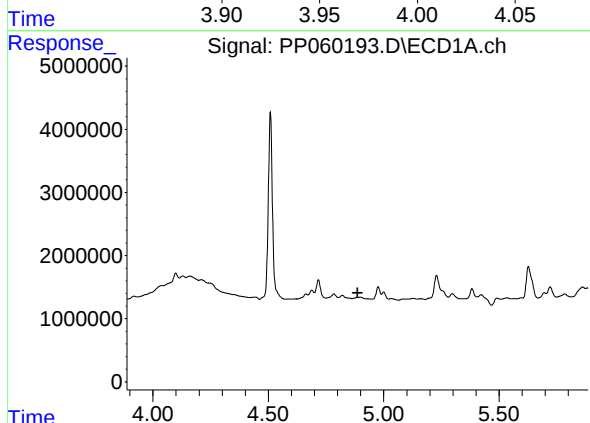
R.T.: 4.821 min
Delta R.T.: 0.012 min
Response: 1098030
Conc: 55.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



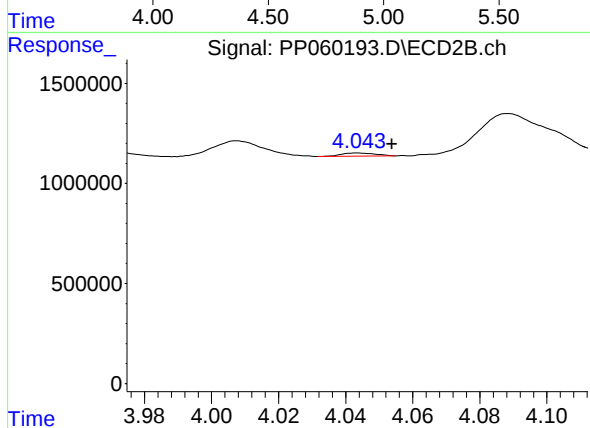
#9 AR-1221-2

R.T.: 3.967 min
Delta R.T.: -0.009 min
Response: 485926
Conc: 31.47 ng/ml



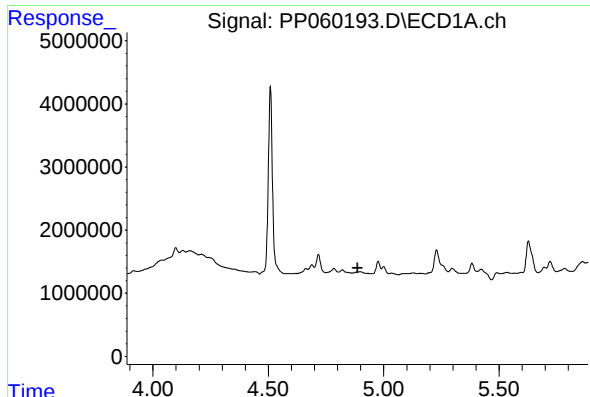
#10 AR-1221-3

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



#10 AR-1221-3

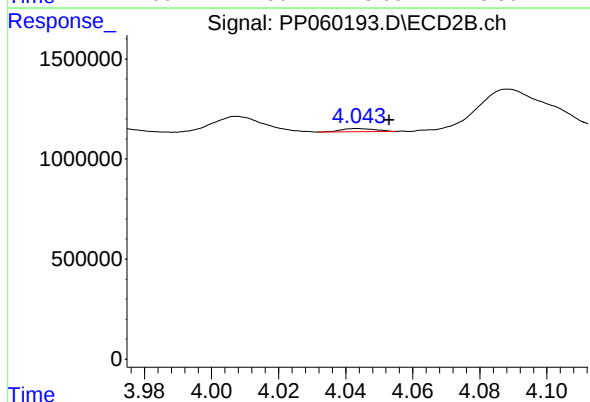
R.T.: 4.044 min
Delta R.T.: -0.010 min
Response: 116951
Conc: 2.49 ng/ml



#11 AR-1232-1

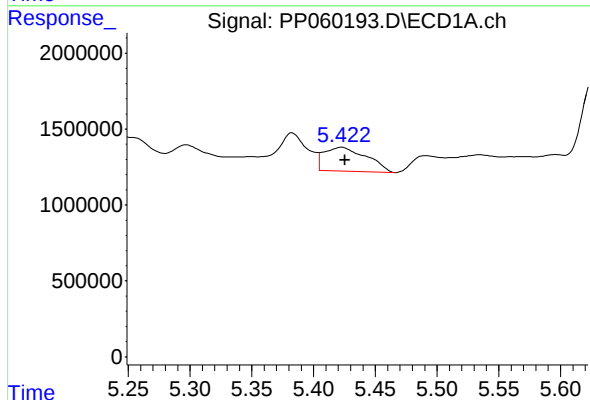
R.T.: 0.000 min
Exp R.T.: 4.886 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



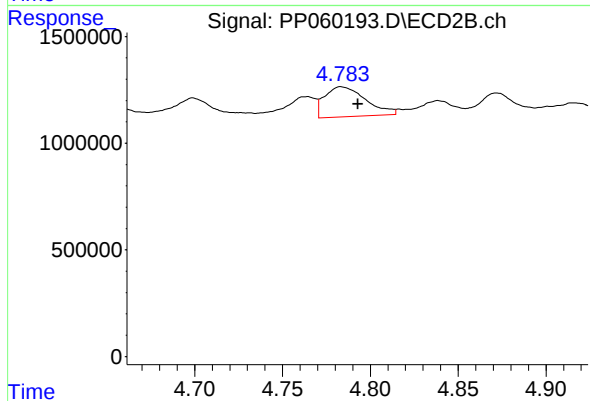
#11 AR-1232-1

R.T.: 4.044 min
Delta R.T.: -0.009 min
Response: 116951
Conc: 3.08 ng/ml



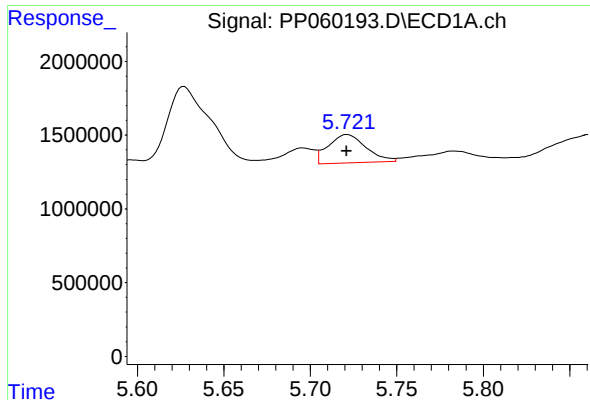
#12 AR-1232-2

R.T.: 5.423 min
Delta R.T.: -0.003 min
Response: 3792548
Conc: 149.32 ng/ml



#12 AR-1232-2

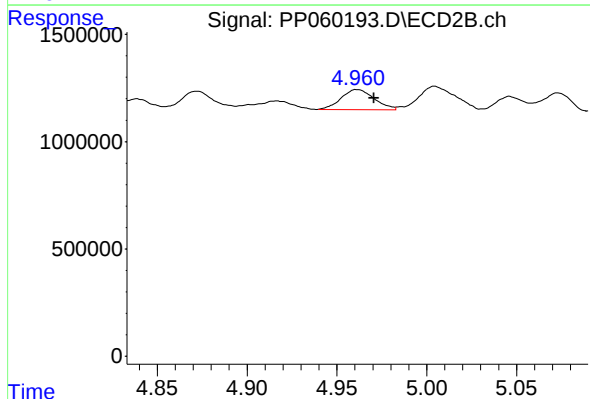
R.T.: 4.783 min
Delta R.T.: -0.010 min
Response: 2290976
Conc: 62.13 ng/ml



#13 AR-1232-3

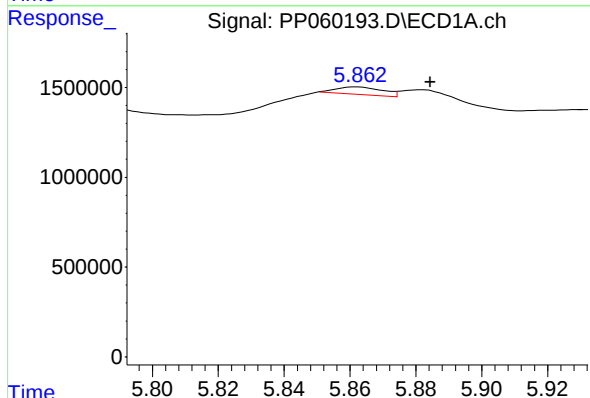
R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 2916687
Conc: 67.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



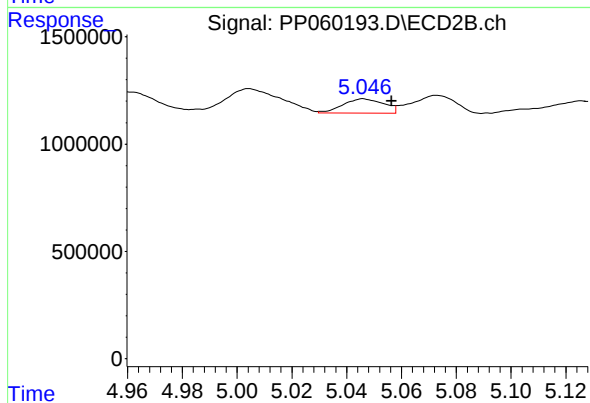
#13 AR-1232-3

R.T.: 4.961 min
Delta R.T.: -0.010 min
Response: 1197254
Conc: 59.79 ng/ml



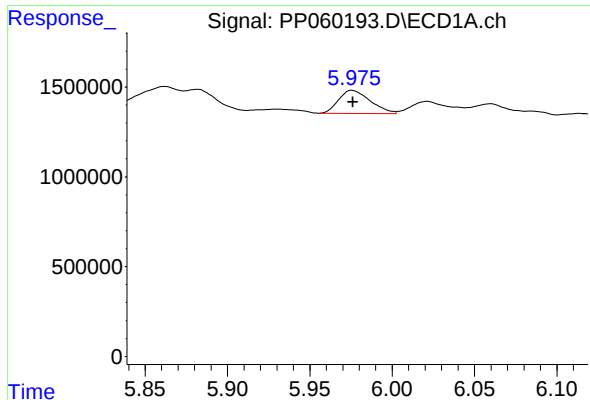
#14 AR-1232-4

R.T.: 5.862 min
Delta R.T.: -0.022 min
Response: 422413
Conc: 19.11 ng/ml



#14 AR-1232-4

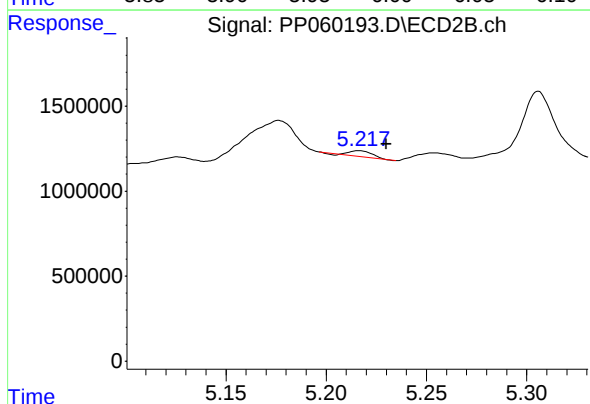
R.T.: 5.046 min
Delta R.T.: -0.011 min
Response: 676880
Conc: 37.06 ng/ml



#15 AR-1232-5

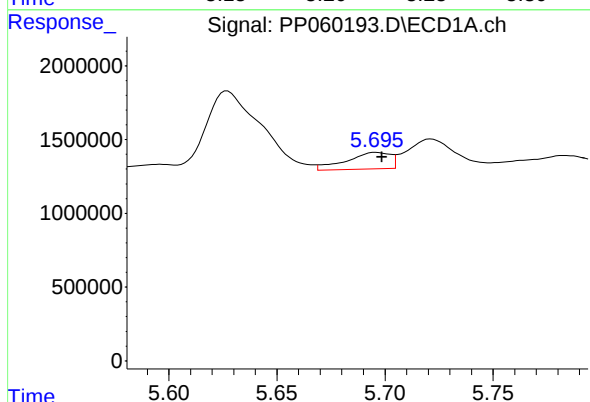
R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 1721612
Conc: 93.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



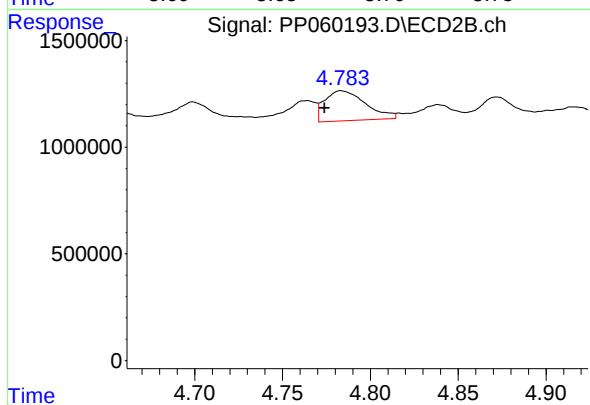
#15 AR-1232-5

R.T.: 5.217 min
Delta R.T.: -0.013 min
Response: 262961
Conc: 13.12 ng/ml



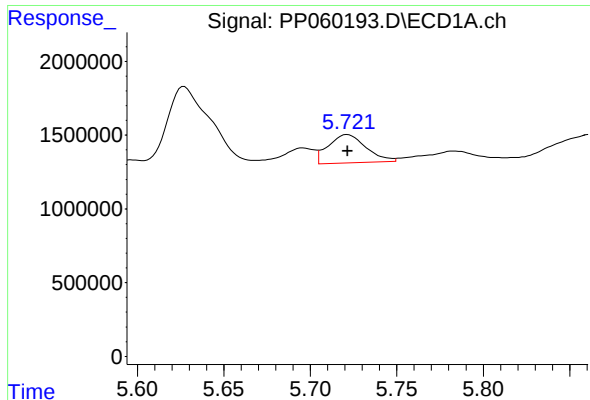
#16 AR-1242-1

R.T.: 5.696 min
Delta R.T.: -0.003 min
Response: 1605966
Conc: 26.89 ng/ml



#16 AR-1242-1

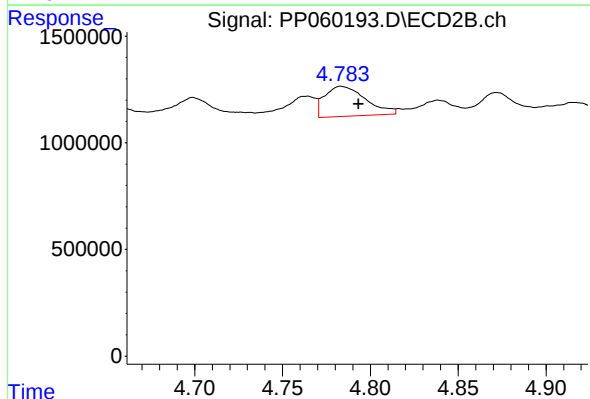
R.T.: 4.783 min
Delta R.T.: 0.009 min
Response: 2290976
Conc: 43.50 ng/ml



#17 AR-1242-2

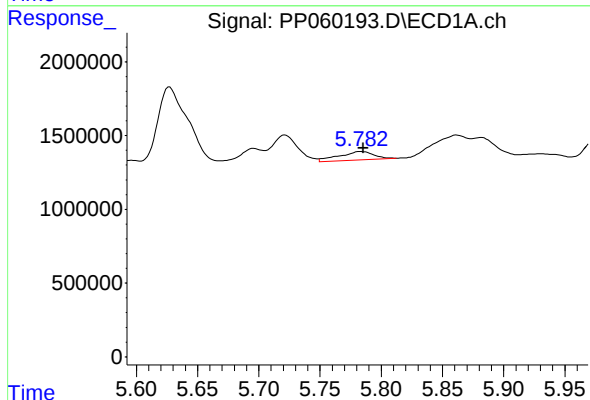
R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 2916687
Conc: 34.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



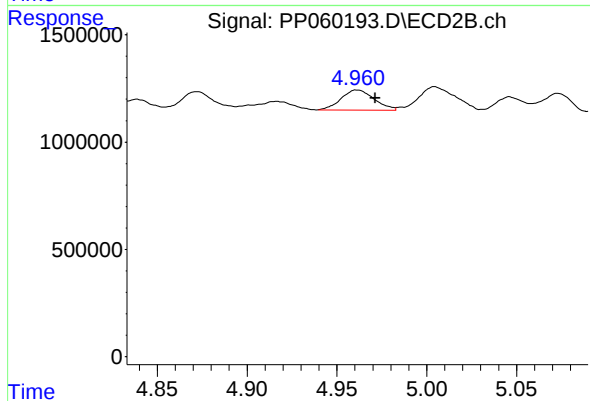
#17 AR-1242-2

R.T.: 4.783 min
Delta R.T.: -0.010 min
Response: 2290976
Conc: 31.79 ng/ml



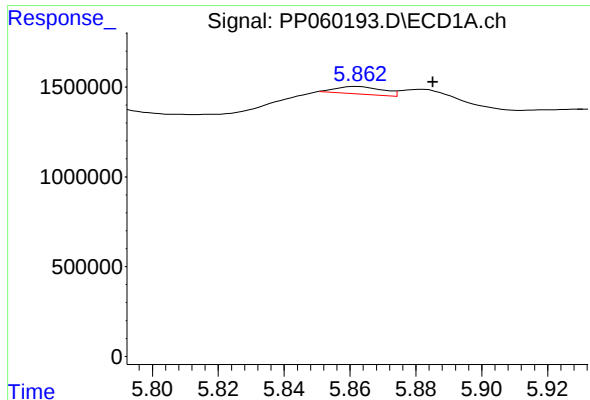
#18 AR-1242-3

R.T.: 5.783 min
Delta R.T.: -0.003 min
Response: 1140385
Conc: 21.80 ng/ml



#18 AR-1242-3

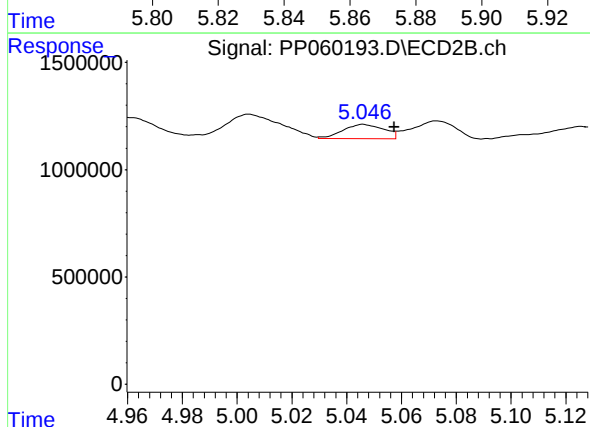
R.T.: 4.961 min
Delta R.T.: -0.010 min
Response: 1197254
Conc: 30.59 ng/ml



#19 AR-1242-4

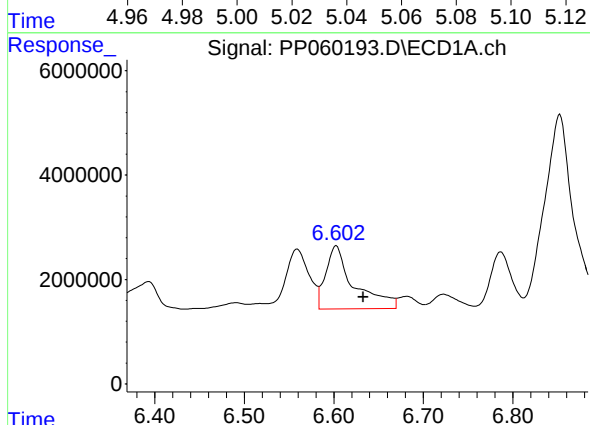
R.T.: 5.862 min
Delta R.T.: -0.023 min
Response: 422413
Conc: 9.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



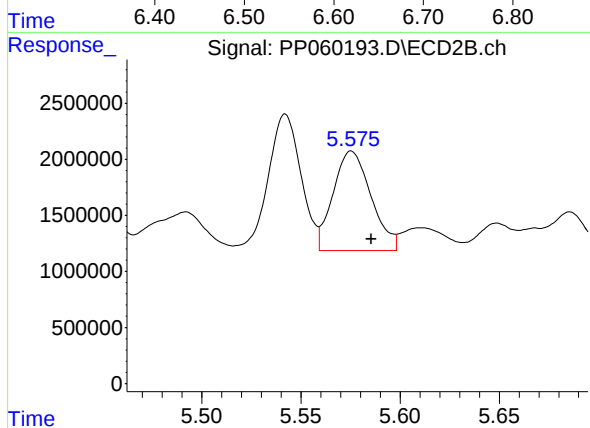
#19 AR-1242-4

R.T.: 5.046 min
Delta R.T.: -0.011 min
Response: 676880
Conc: 17.27 ng/ml



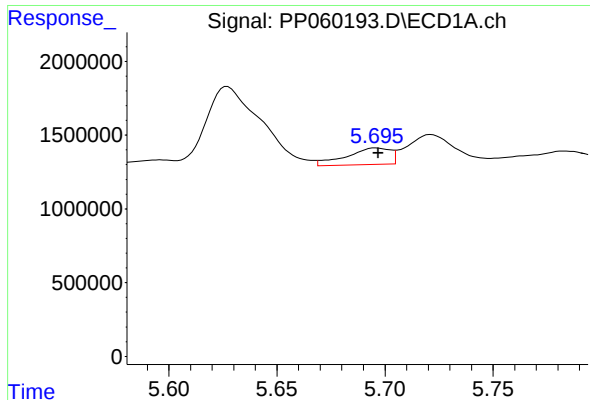
#20 AR-1242-5

R.T.: 6.603 min
Delta R.T.: -0.030 min
Response: 26441938
Conc: 578.35 ng/ml



#20 AR-1242-5

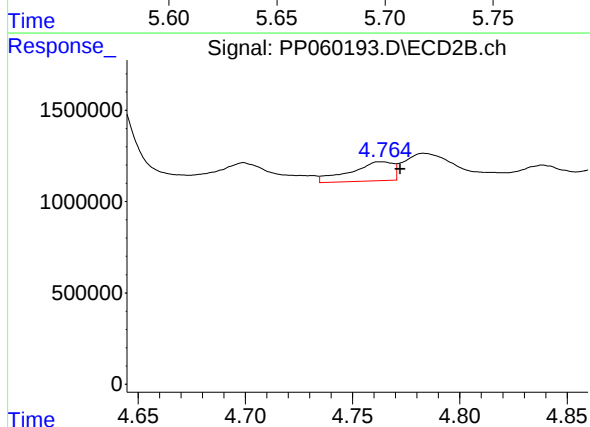
R.T.: 5.575 min
Delta R.T.: -0.010 min
Response: 11821886
Conc: 244.35 ng/ml



#21 AR-1248-1

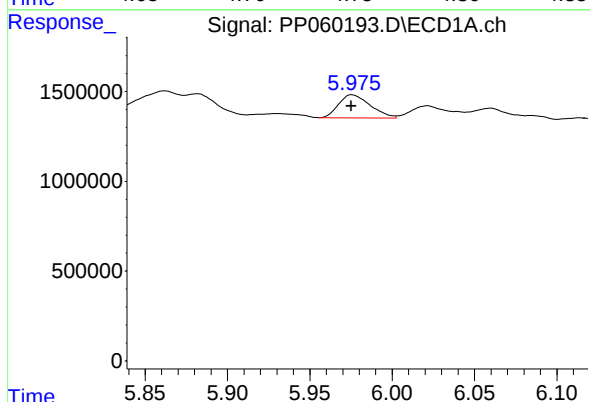
R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 1605966
Conc: 35.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



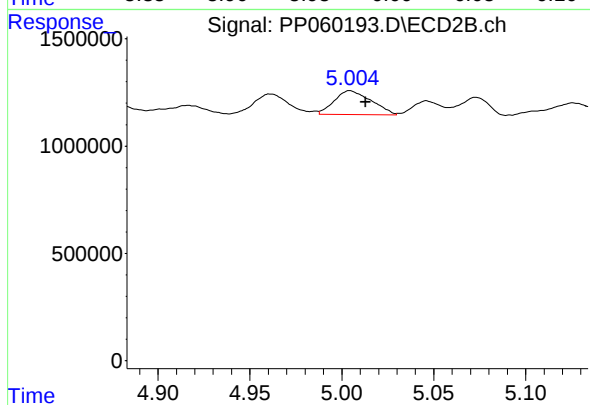
#21 AR-1248-1

R.T.: 4.764 min
Delta R.T.: -0.008 min
Response: 1437967
Conc: 36.80 ng/ml



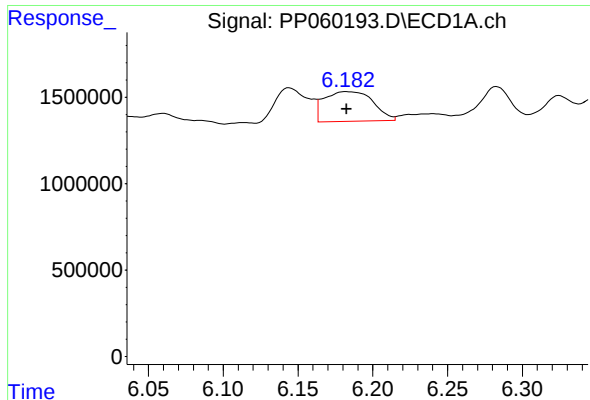
#22 AR-1248-2

R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 1721612
Conc: 26.58 ng/ml



#22 AR-1248-2

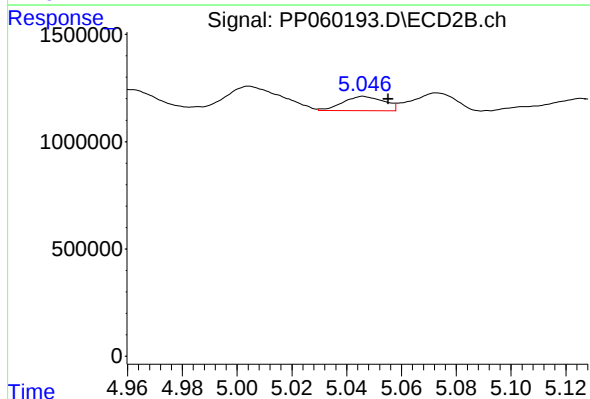
R.T.: 5.005 min
Delta R.T.: -0.008 min
Response: 1546438
Conc: 28.54 ng/ml



#23 AR-1248-3

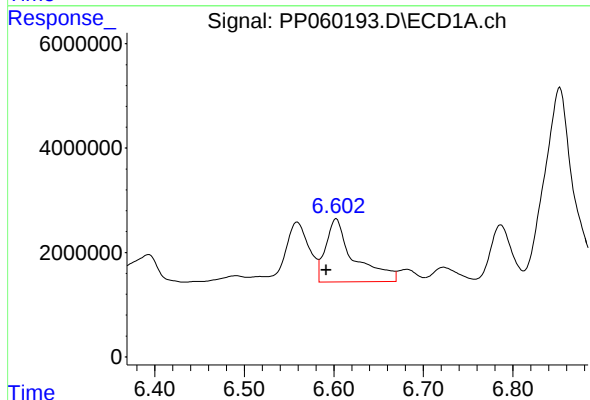
R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 3943828
Conc: 55.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



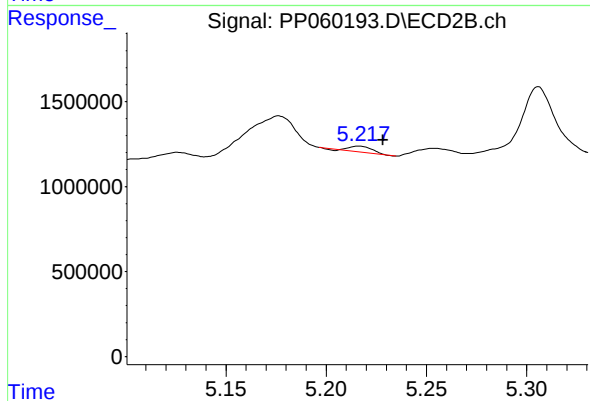
#23 AR-1248-3

R.T.: 5.046 min
Delta R.T.: -0.009 min
Response: 676880
Conc: 11.90 ng/ml



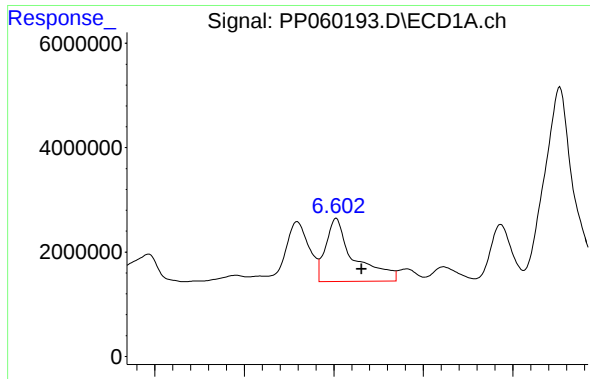
#24 AR-1248-4

R.T.: 6.603 min
Delta R.T.: 0.011 min
Response: 26441938
Conc: 341.87 ng/ml



#24 AR-1248-4

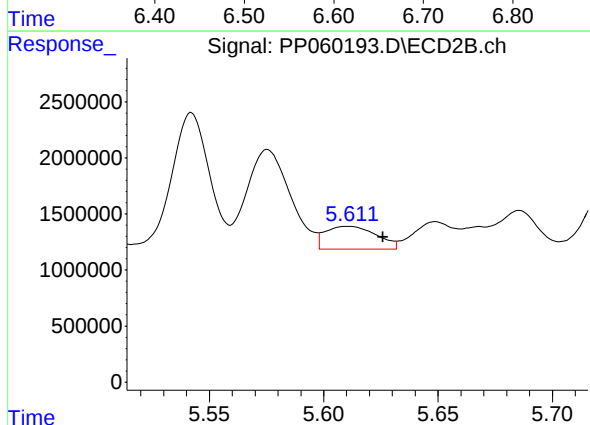
R.T.: 5.217 min
Delta R.T.: -0.012 min
Response: 262961
Conc: 3.92 ng/ml



#25 AR-1248-5

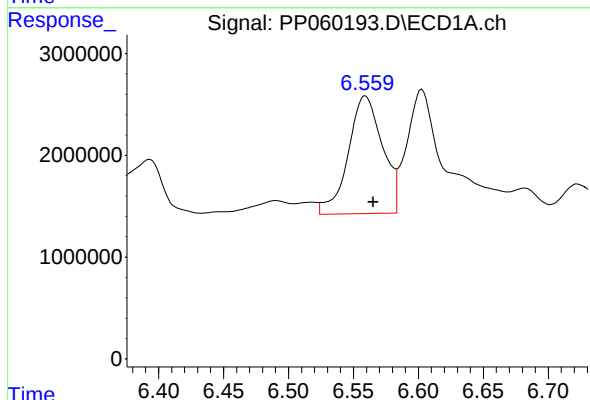
R.T.: 6.603 min
Delta R.T.: -0.028 min
Response: 26441938
Conc: 351.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



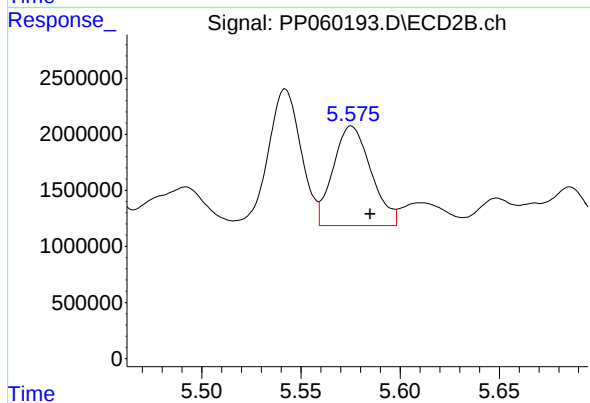
#25 AR-1248-5

R.T.: 5.611 min
Delta R.T.: -0.015 min
Response: 3155177
Conc: 47.83 ng/ml



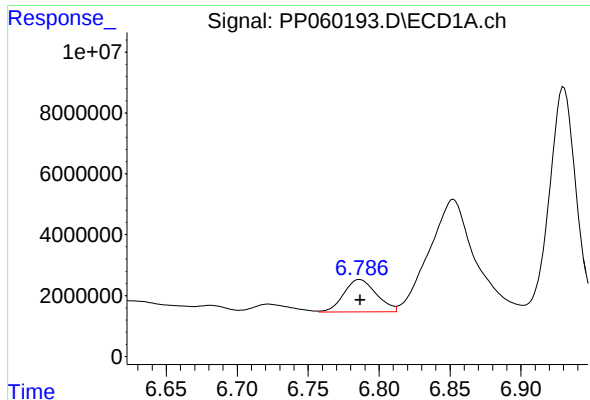
#26 AR-1254-1

R.T.: 6.559 min
Delta R.T.: -0.006 min
Response: 21279672
Conc: 266.54 ng/ml



#26 AR-1254-1

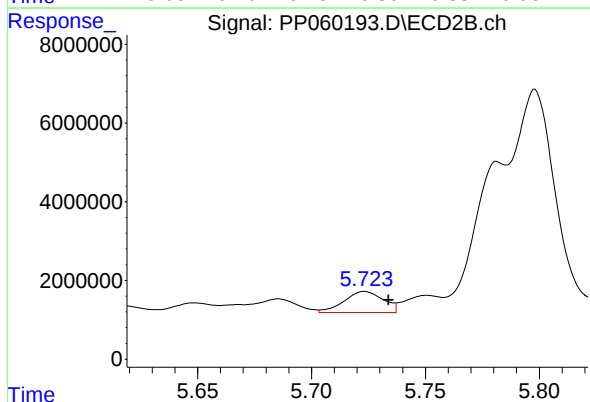
R.T.: 5.575 min
Delta R.T.: -0.010 min
Response: 11821886
Conc: 117.80 ng/ml



#27 AR-1254-2

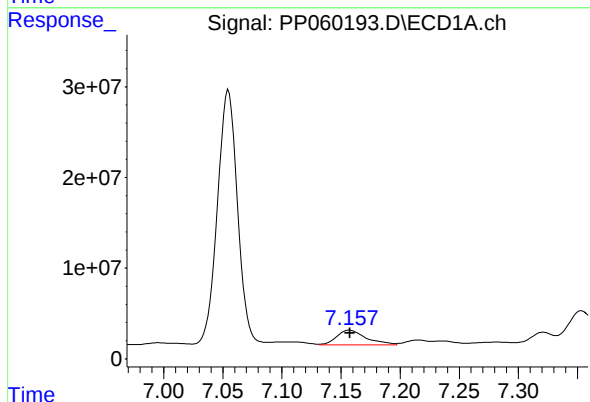
R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 16835754
Conc: 140.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



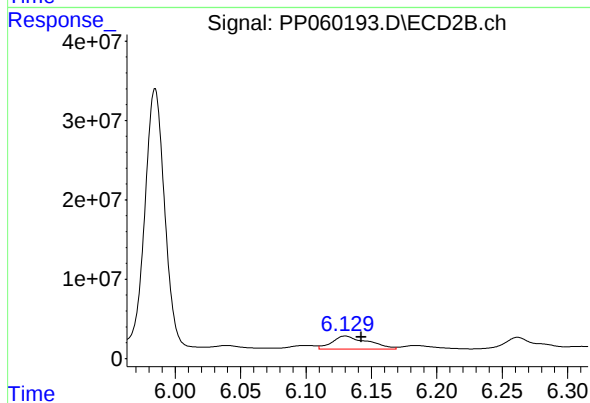
#27 AR-1254-2

R.T.: 5.723 min
Delta R.T.: -0.010 min
Response: 6367030
Conc: 73.29 ng/ml



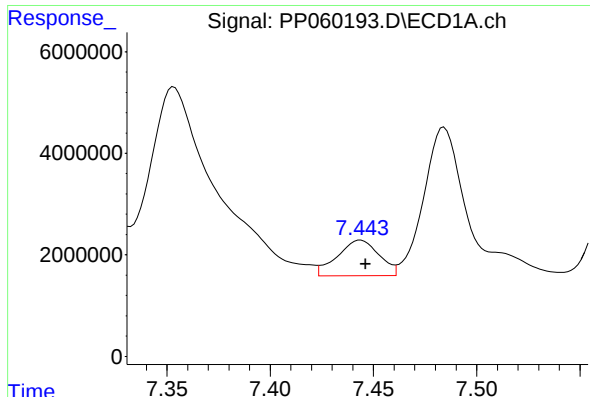
#28 AR-1254-3

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 28455013
Conc: 234.24 ng/ml



#28 AR-1254-3

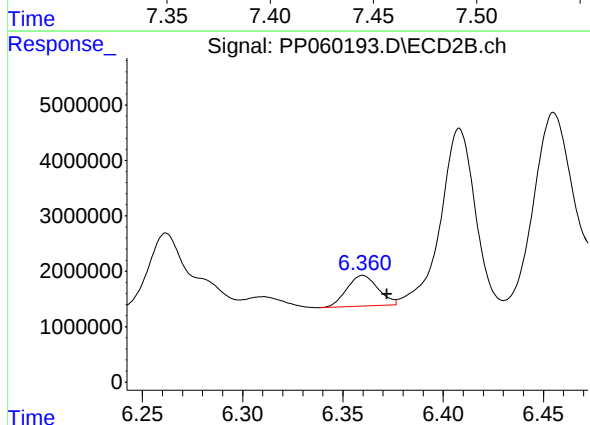
R.T.: 6.130 min
Delta R.T.: -0.012 min
Response: 31102275
Conc: 221.52 ng/ml



#29 AR-1254-4

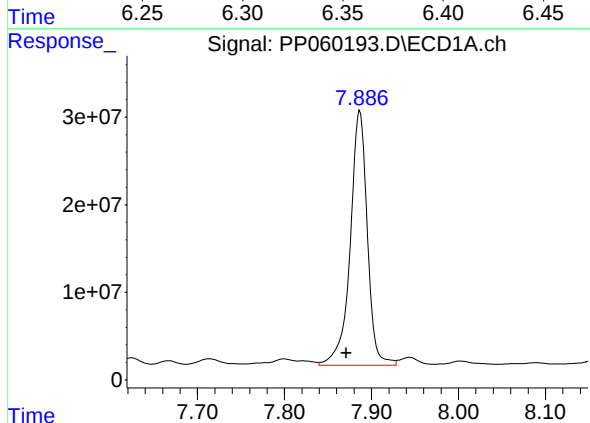
R.T.: 7.444 min
Delta R.T.: -0.003 min
Response: 9901068
Conc: 111.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



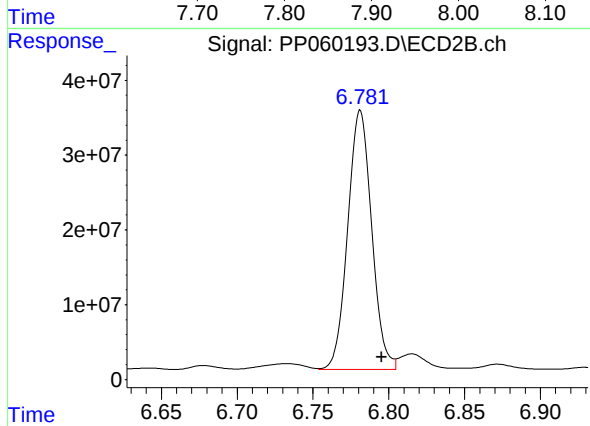
#29 AR-1254-4

R.T.: 6.360 min
Delta R.T.: -0.012 min
Response: 5950196
Conc: 70.69 ng/ml



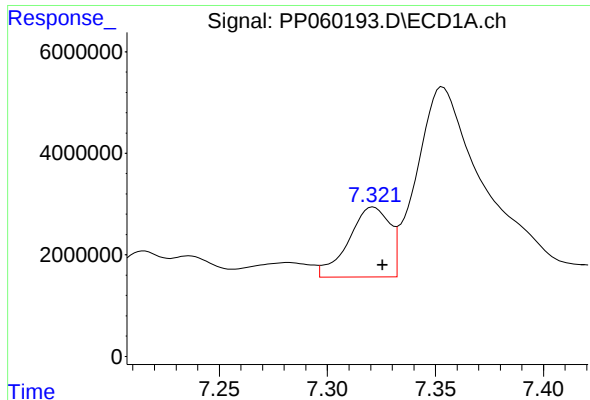
#30 AR-1254-5

R.T.: 7.887 min
Delta R.T.: 0.016 min
Response: 397447012
Conc: 4085.80 ng/ml



#30 AR-1254-5

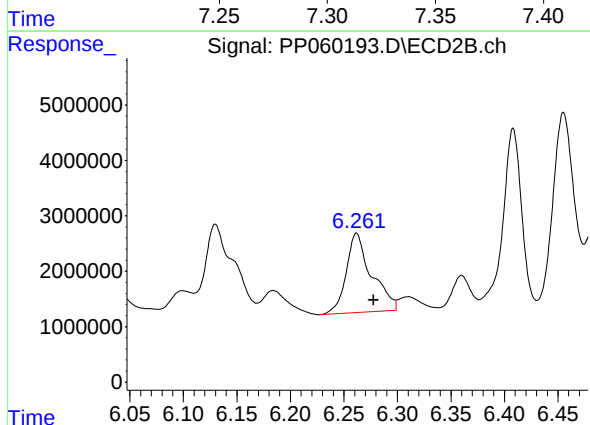
R.T.: 6.781 min
Delta R.T.: -0.014 min
Response: 381072516
Conc: 3212.61 ng/ml



#31 AR-1260-1

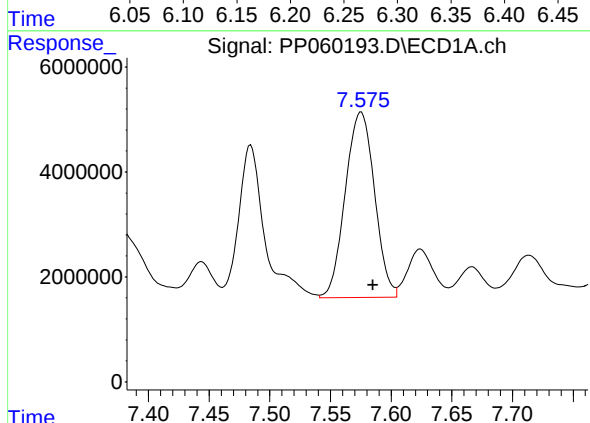
R.T.: 7.321 min
Delta R.T.: -0.004 min
Response: 18215284
Conc: 202.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



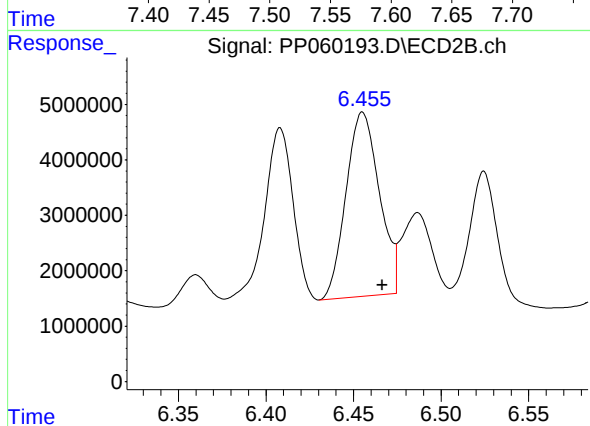
#31 AR-1260-1

R.T.: 6.262 min
Delta R.T.: -0.016 min
Response: 23461704
Conc: 251.96 ng/ml



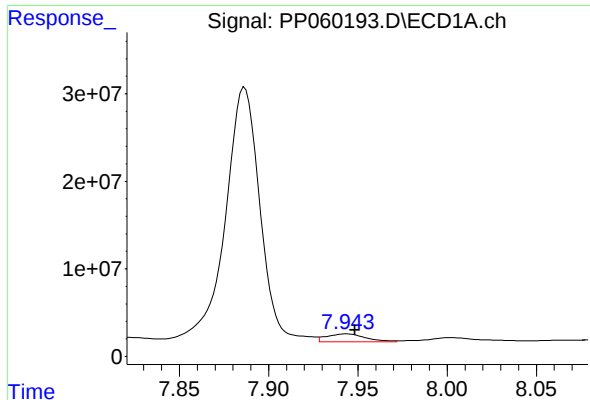
#32 AR-1260-2

R.T.: 7.575 min
Delta R.T.: -0.010 min
Response: 59282197
Conc: 577.87 ng/ml



#32 AR-1260-2

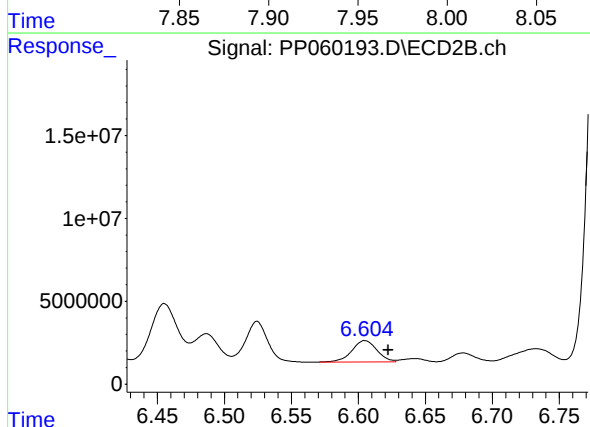
R.T.: 6.455 min
Delta R.T.: -0.011 min
Response: 44021178
Conc: 401.52 ng/ml



#33 AR-1260-3

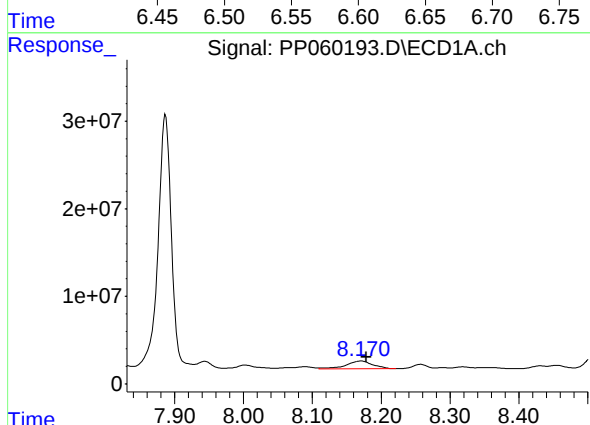
R.T.: 7.944 min
Delta R.T.: -0.005 min
Response: 13488989
Conc: 171.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



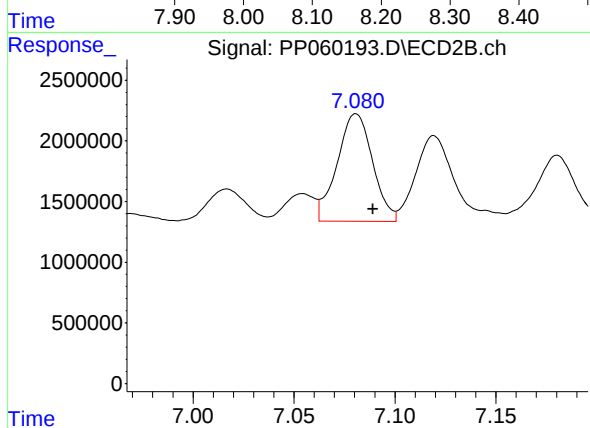
#33 AR-1260-3

R.T.: 6.605 min
Delta R.T.: -0.017 min
Response: 16756879
Conc: 162.92 ng/ml



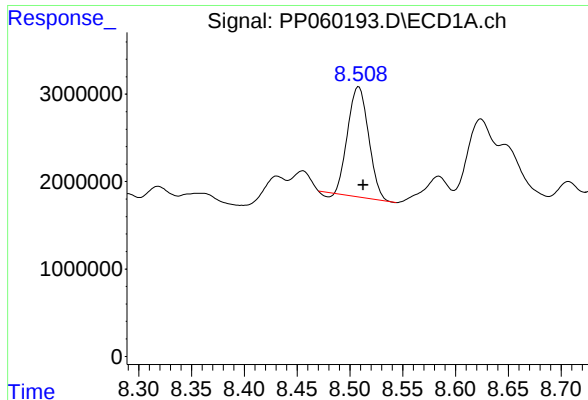
#34 AR-1260-4

R.T.: 8.171 min
Delta R.T.: -0.008 min
Response: 24402376
Conc: 272.29 ng/ml



#34 AR-1260-4

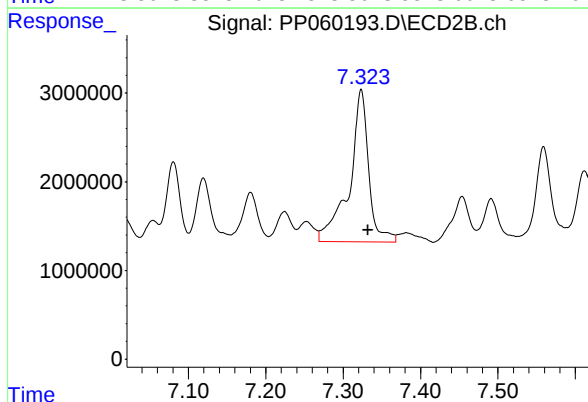
R.T.: 7.081 min
Delta R.T.: -0.008 min
Response: 10829582
Conc: 130.03 ng/ml



#35 AR-1260-5

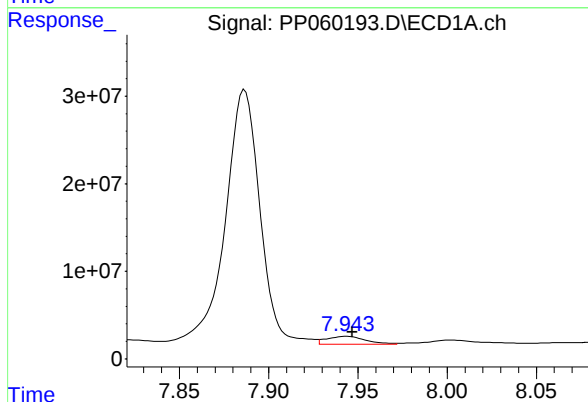
R.T.: 8.508 min
Delta R.T.: -0.004 min
Response: 17114911
Conc: 100.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



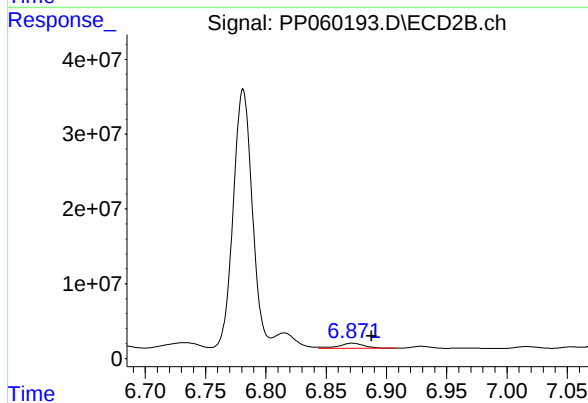
#35 AR-1260-5

R.T.: 7.323 min
Delta R.T.: -0.009 min
Response: 29539690
Conc: 153.53 ng/ml



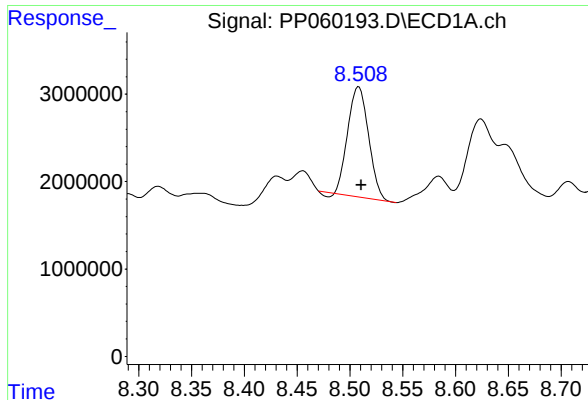
#36 AR-1262-1

R.T.: 7.944 min
Delta R.T.: -0.003 min
Response: 13488989
Conc: 116.55 ng/ml



#36 AR-1262-1

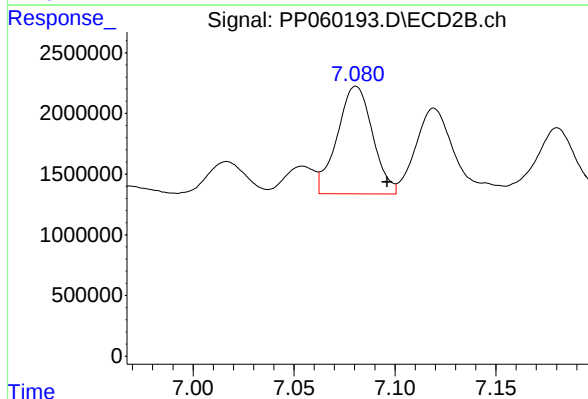
R.T.: 6.872 min
Delta R.T.: -0.016 min
Response: 10275354
Conc: 203.58 ng/ml



#37 AR-1262-2

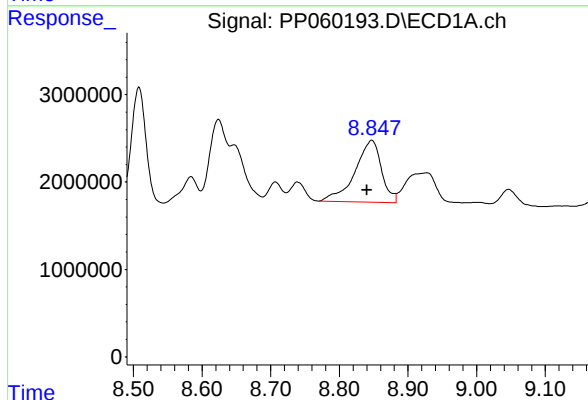
R.T.: 8.508 min
Delta R.T.: -0.002 min
Response: 17114911
Conc: 85.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



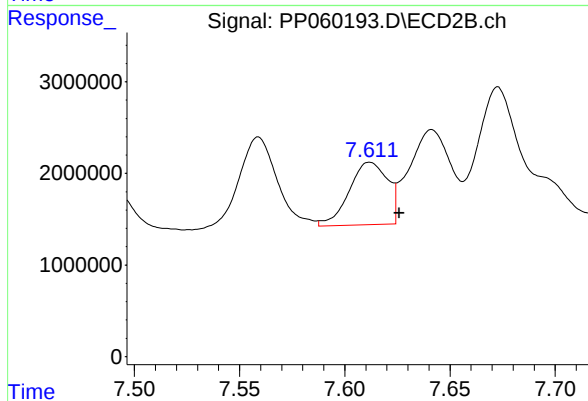
#37 AR-1262-2

R.T.: 7.081 min
Delta R.T.: -0.016 min
Response: 10829582
Conc: 95.86 ng/ml



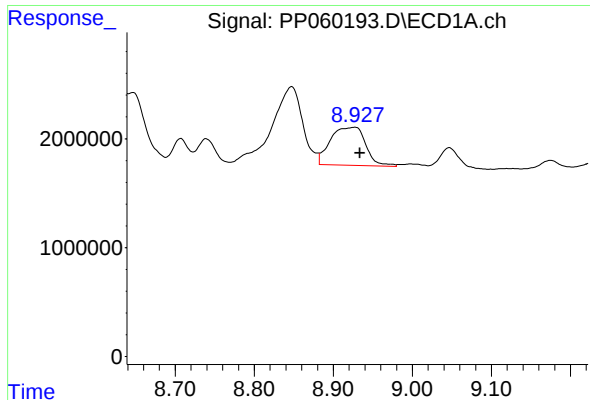
#38 AR-1262-3

R.T.: 8.847 min
Delta R.T.: 0.007 min
Response: 18931884
Conc: 131.47 ng/ml



#38 AR-1262-3

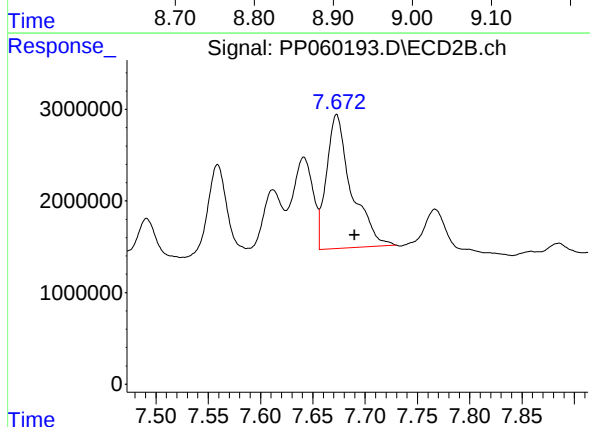
R.T.: 7.612 min
Delta R.T.: -0.014 min
Response: 8696565
Conc: 99.21 ng/ml



#39 AR-1262-4

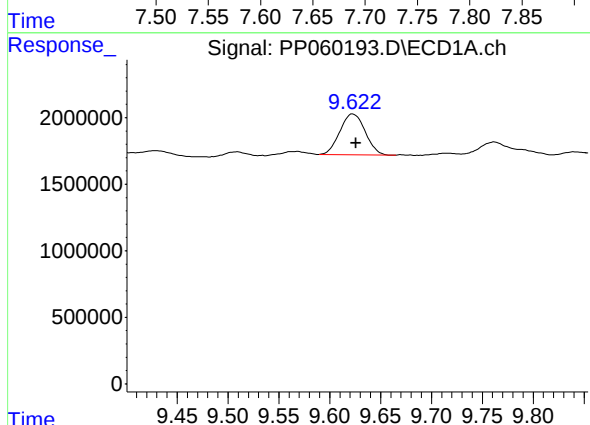
R.T.: 8.928 min
Delta R.T.: -0.006 min
Response: 10797556
Conc: 95.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



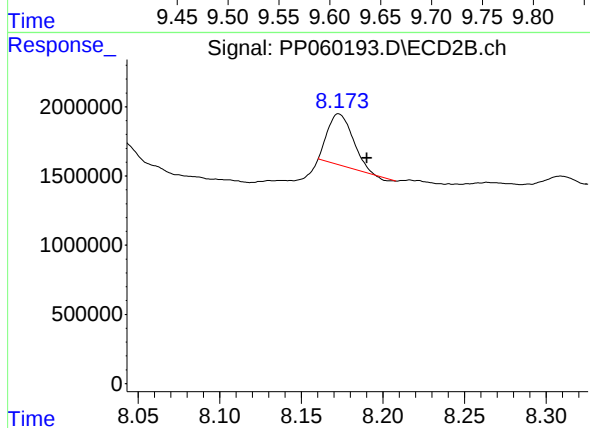
#39 AR-1262-4

R.T.: 7.673 min
Delta R.T.: -0.017 min
Response: 24241839
Conc: 148.44 ng/ml



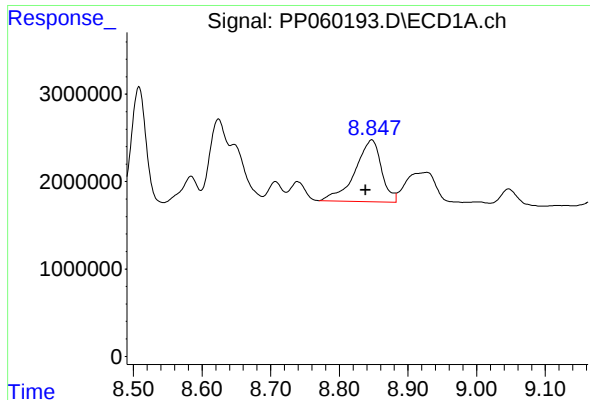
#40 AR-1262-5

R.T.: 9.623 min
Delta R.T.: -0.003 min
Response: 5304312
Conc: 71.10 ng/ml



#40 AR-1262-5

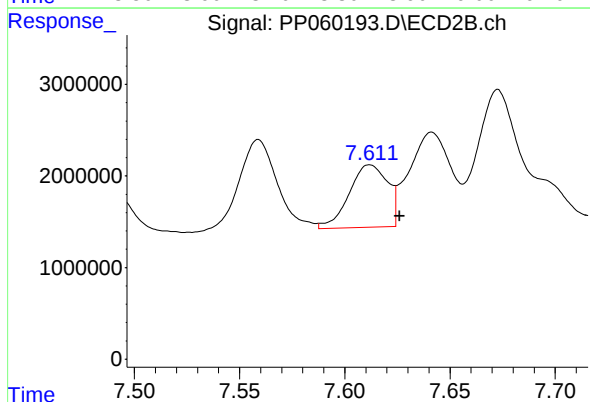
R.T.: 8.173 min
Delta R.T.: -0.017 min
Response: 3917630
Conc: 52.48 ng/ml



#41 AR-1268-1

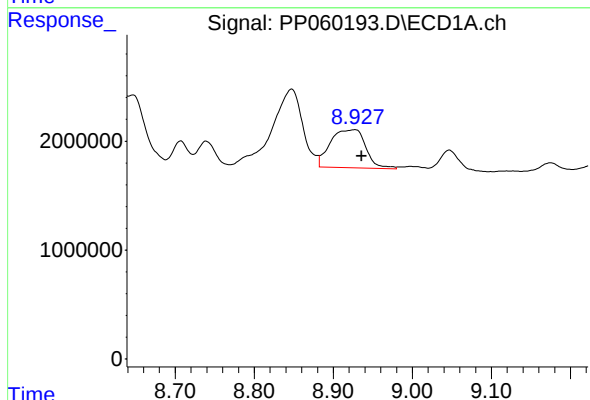
R.T.: 8.847 min
Delta R.T.: 0.010 min
Response: 18931884
Conc: 75.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



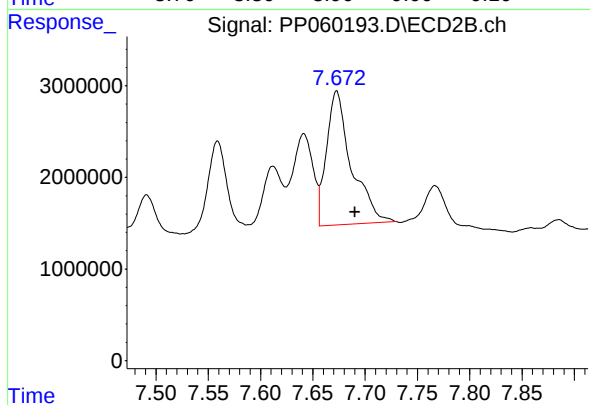
#41 AR-1268-1

R.T.: 7.612 min
Delta R.T.: -0.014 min
Response: 8696565
Conc: 33.40 ng/ml



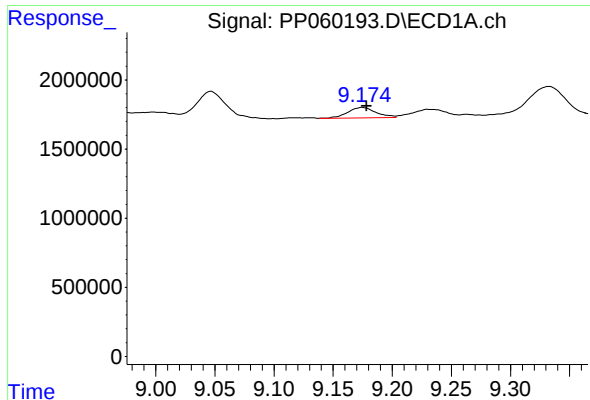
#42 AR-1268-2

R.T.: 8.928 min
Delta R.T.: -0.008 min
Response: 10797556
Conc: 47.05 ng/ml



#42 AR-1268-2

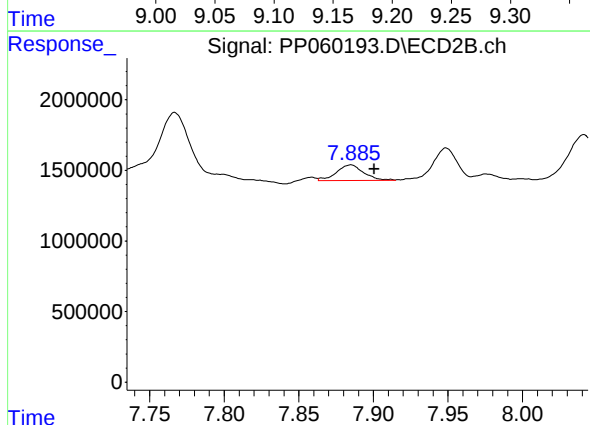
R.T.: 7.673 min
Delta R.T.: -0.017 min
Response: 24241839
Conc: 104.86 ng/ml



#43 AR-1268-3

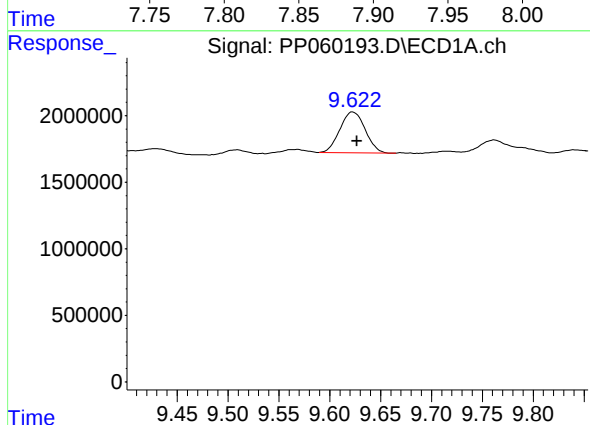
R.T.: 9.175 min
Delta R.T.: -0.003 min
Response: 1234730
Conc: 6.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



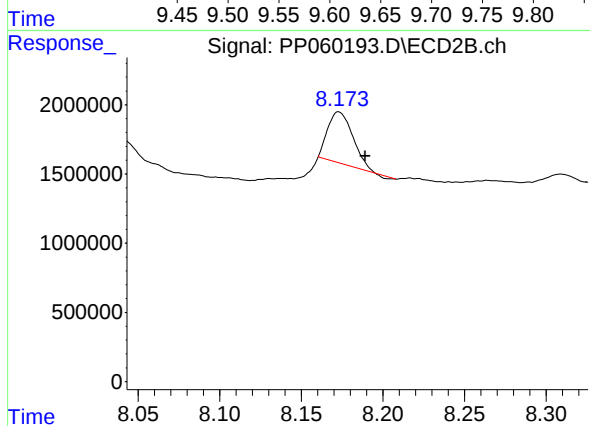
#43 AR-1268-3

R.T.: 7.885 min
Delta R.T.: -0.016 min
Response: 1416669
Conc: 6.94 ng/ml



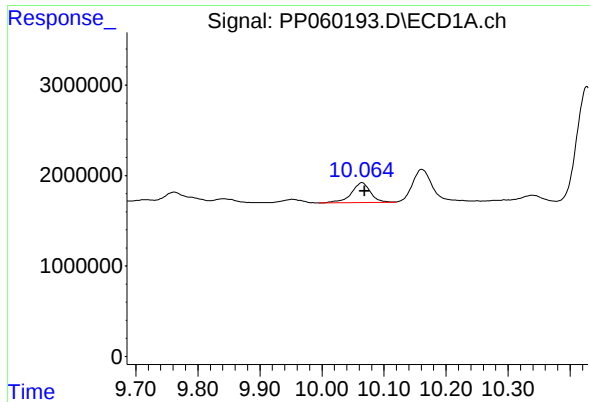
#44 AR-1268-4

R.T.: 9.623 min
Delta R.T.: -0.004 min
Response: 5304312
Conc: 64.04 ng/ml



#44 AR-1268-4

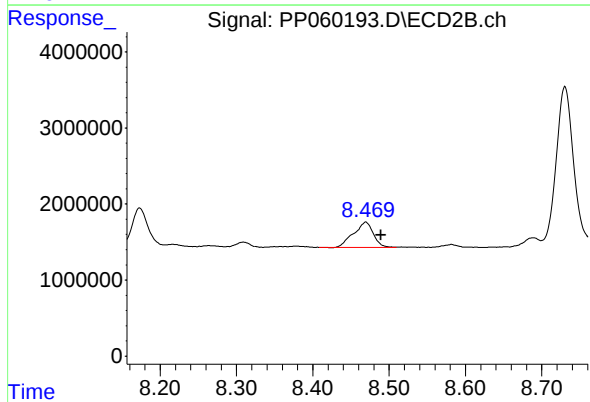
R.T.: 8.173 min
Delta R.T.: -0.016 min
Response: 3917630
Conc: 48.52 ng/ml



#45 AR-1268-5

R.T.: 10.065 min
Delta R.T.: -0.004 min
Response: 4813148
Conc: 7.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.470 min
Delta R.T.: -0.019 min
Response: 5986809
Conc: 9.48 ng/ml