

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101022\
 Data File : PP052163.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Oct 2022 16:00
 Operator : YP\AJ
 Sample : N5031-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 18:12:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP100322.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 04 12:08:14 2022
 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...	4.427	3.683	27381420	20990480	15.320	16.510
2) SA Decachlor...	10.239	8.766	24494013	15813732	20.205	13.389 #
Target Compounds						
3) L1 AR-1016-1	5.603	4.804f	108087	289889	2.385	6.611 #
4) L1 AR-1016-2	5.626	4.804	245249	289889	3.821	4.699
5) L1 AR-1016-3	5.687	0.000	128837	0	3.223	N.D. #
6) L1 AR-1016-4	5.796f	5.026	95869	405047	2.735	15.662 #
8) L2 AR-1221-1	4.637	0.000	1227020	0	56.921	N.D. #
9) L2 AR-1221-2	4.736f	3.988	935690	491035	58.699	41.100 #
10) L2 AR-1221-3	4.802	0.000	212904	0	4.397	N.D. #
11) L3 AR-1232-1	4.802	0.000	212904	0	5.306	N.D. #
12) L3 AR-1232-2	5.324	4.804	516278	289889	27.511	10.258 #
13) L3 AR-1232-3	5.626	0.000	245249	0	8.259	N.D. #
14) L3 AR-1232-4	5.796	5.068	95869	242609	6.698	18.180 #
15) L3 AR-1232-5	5.880	0.000	51797	0	4.329	N.D. #
16) L4 AR-1242-1	5.603	4.804f	108087	289889	2.636	7.439 #
17) L4 AR-1242-2	5.626	4.804	245249	289889	4.265	5.290
18) L4 AR-1242-3	5.687	0.000	128837	0	3.598	N.D. #
19) L4 AR-1242-4	5.796f	5.068	95869	242609	3.329	8.225 #
20) L4 AR-1242-5	6.528	5.601	407611	732152	10.822	20.055 #
21) L5 AR-1248-1	5.603	4.804f	108087	289889	3.456	9.599 #
22) L5 AR-1248-2	5.880	5.026	51797	405047	0.981	9.738 #
23) L5 AR-1248-3	6.083	5.068	-100071	242609	N.D.	5.185 #
24) L5 AR-1248-4	6.485	0.000	1685746	0	24.453	N.D. #
25) L5 AR-1248-5	6.528	5.637	407611	214424	5.972	4.035 #
26) L6 AR-1254-1	6.462	5.601	1160015	732152	17.000	9.842 #
27) L6 AR-1254-2	6.682	5.747	1361309	299338	13.302	4.642 #
28) L6 AR-1254-3	7.036	6.158	1625595	558703	15.877	5.307 #
29) L6 AR-1254-4	7.332	6.378	813001	560645	11.333	8.225 #
30) L6 AR-1254-5	7.752	6.806	1933999	935667	25.707	10.114 #
31) L7 AR-1260-1	7.212	6.287	930390	1143007	13.089	16.594 #
32) L7 AR-1260-2	7.469	6.476	1267681	1060364	15.521	12.600
33) L7 AR-1260-3	7.828	6.630	1022424	696776	17.876	8.951 #
34) L7 AR-1260-4	8.054	7.107	920500	649103	14.055	10.311 #
35) L7 AR-1260-5	8.378	7.348	1836068	1252867	14.440	8.542 #
36) L8 AR-1262-1	7.828	6.900	1022424	319288	11.758	8.496 #
37) L8 AR-1262-2	8.378	7.107	1836068	649103	12.444	7.664 #
38) L8 AR-1262-3	8.713f	7.634	1121004	416163	10.889	5.934 #
39) L8 AR-1262-4	8.789	7.698	808549	1130396	17.563	9.047 #
40) L8 AR-1262-5	9.459	8.200	882867	387714	15.494	6.843 #
41) L9 AR-1268-1	8.713f	7.634	1121004	416163	6.285	2.097 #
42) L9 AR-1268-2	8.789	7.698	808549	1130396	4.877	6.326 #

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 Sample : N5031-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

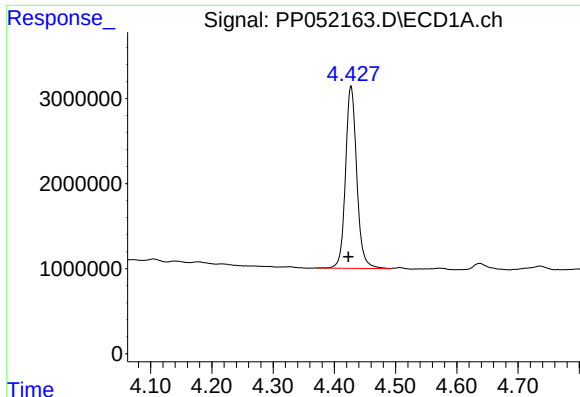
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 18:12:31 2022
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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
43) L9	AR-1268-3	9.033	0.000	100006	0	0.698	N.D. #
44) L9	AR-1268-4	9.459	8.200	882867	387714	13.783	6.177 #
45) L9	AR-1268-5	9.896	8.497	446795	294158	0.973	0.631 #

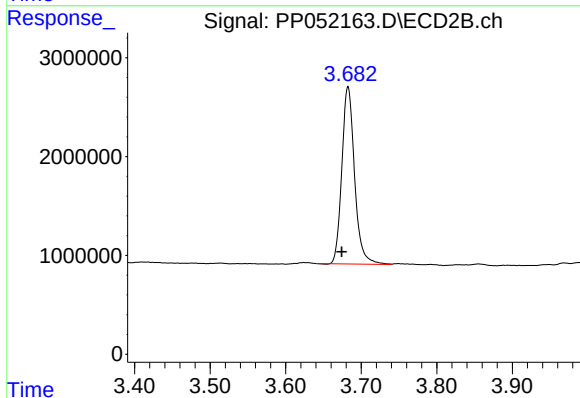
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

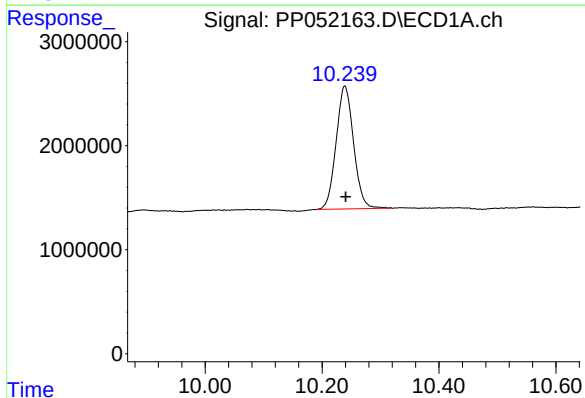
R.T.: 4.427 min
Delta R.T.: 0.004 min
Response: 27381420
Conc: 15.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



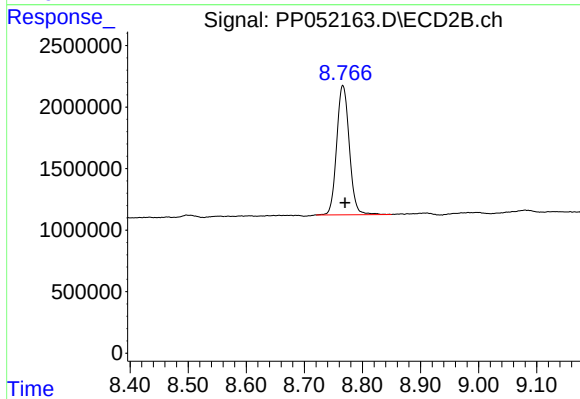
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: 0.008 min
Response: 20990480
Conc: 16.51 ng/ml



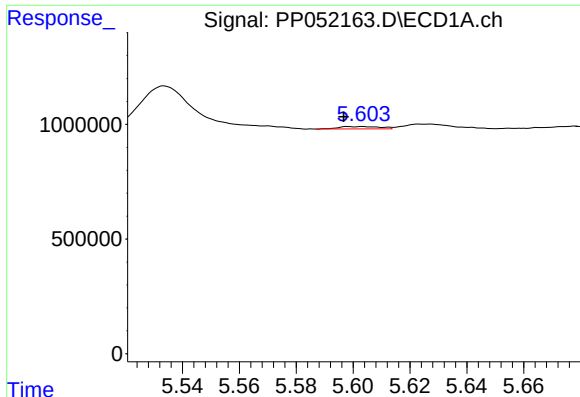
#2 Decachlorobiphenyl

R.T.: 10.239 min
Delta R.T.: -0.001 min
Response: 24494013
Conc: 20.20 ng/ml



#2 Decachlorobiphenyl

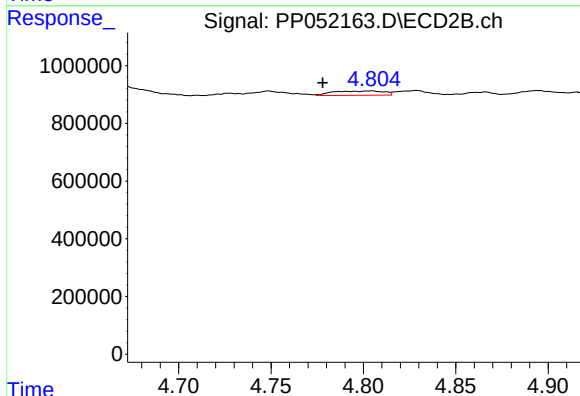
R.T.: 8.766 min
Delta R.T.: -0.004 min
Response: 15813732
Conc: 13.39 ng/ml



#3 AR-1016-1

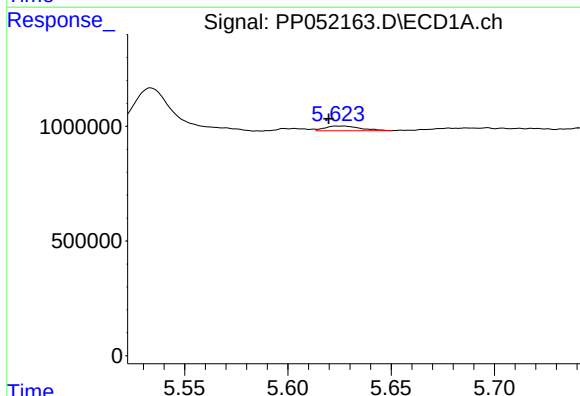
R.T.: 5.603 min
Delta R.T.: 0.006 min
Response: 108087
Conc: 2.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



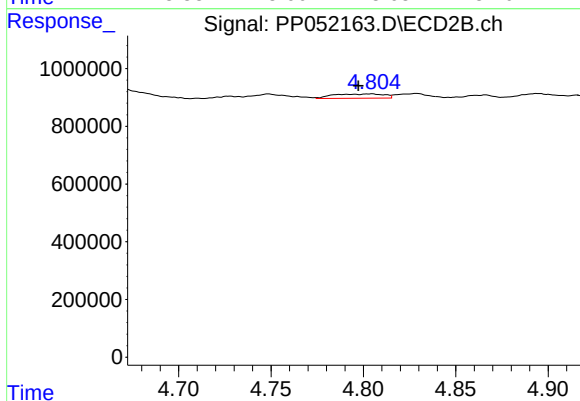
#3 AR-1016-1

R.T.: 4.804 min
Delta R.T.: 0.026 min
Response: 289889
Conc: 6.61 ng/ml



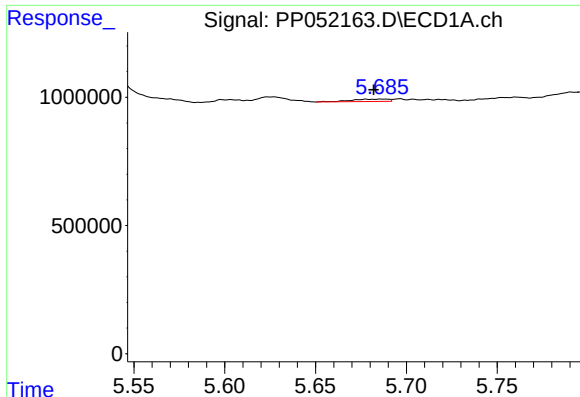
#4 AR-1016-2

R.T.: 5.626 min
Delta R.T.: 0.006 min
Response: 245249
Conc: 3.82 ng/ml



#4 AR-1016-2

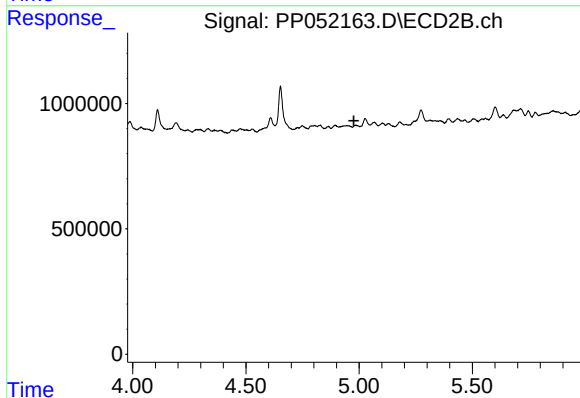
R.T.: 4.804 min
Delta R.T.: 0.007 min
Response: 289889
Conc: 4.70 ng/ml



#5 AR-1016-3

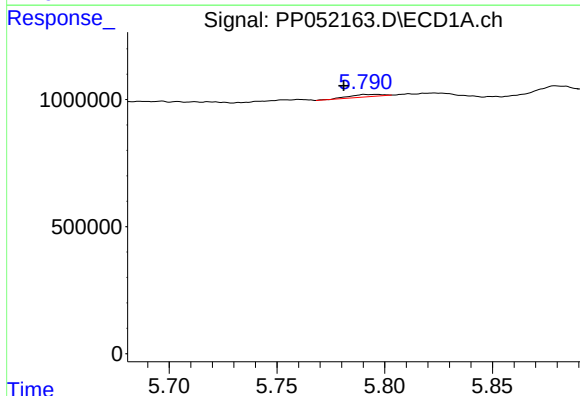
R.T.: 5.687 min
Delta R.T.: 0.005 min
Response: 128837
Conc: 3.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



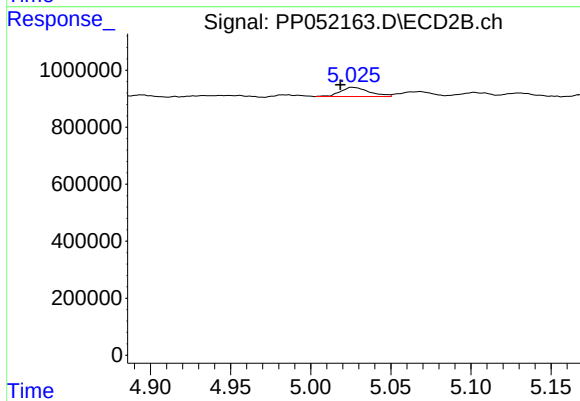
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.977 min
Response: 0
Conc: N.D.



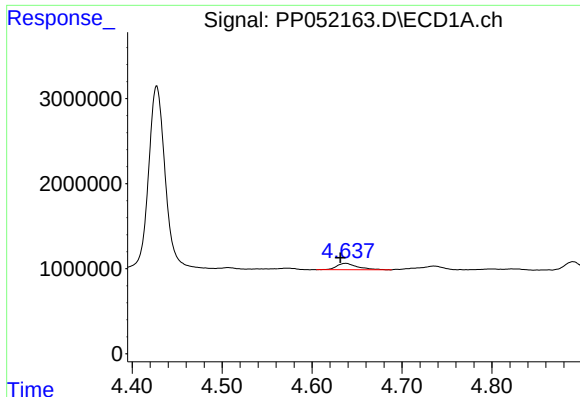
#6 AR-1016-4

R.T.: 5.796 min
Delta R.T.: 0.015 min
Response: 95869
Conc: 2.73 ng/ml



#6 AR-1016-4

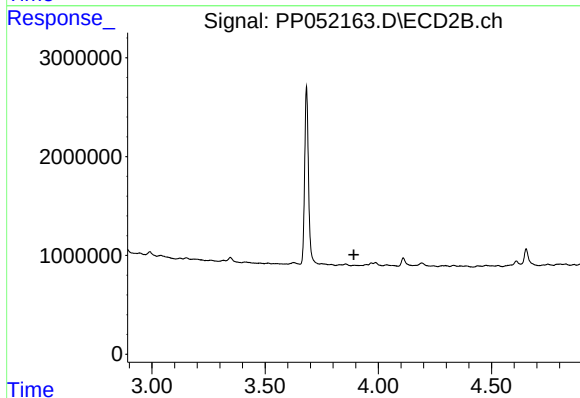
R.T.: 5.026 min
Delta R.T.: 0.008 min
Response: 405047
Conc: 15.66 ng/ml



#8 AR-1221-1

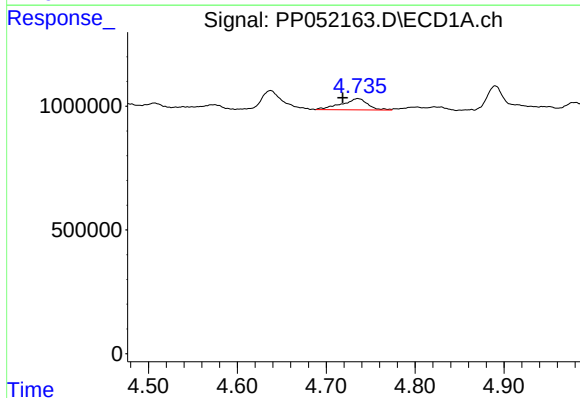
R.T.: 4.637 min
Delta R.T.: 0.006 min
Response: 1227020
Conc: 56.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



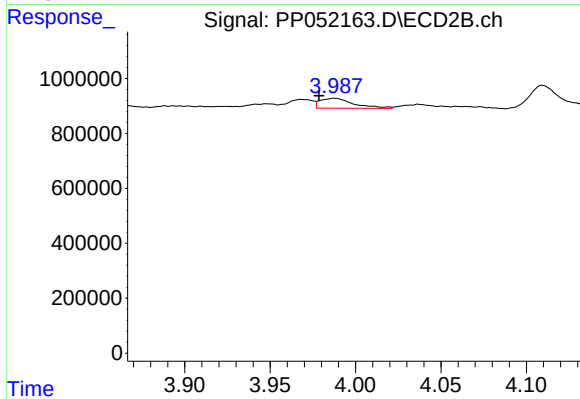
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.892 min
Response: 0
Conc: N.D.



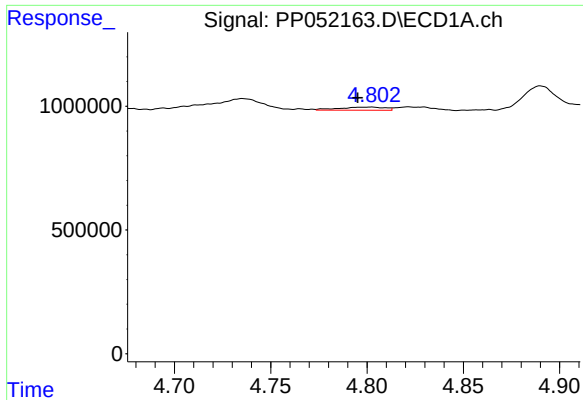
#9 AR-1221-2

R.T.: 4.736 min
Delta R.T.: 0.017 min
Response: 935690
Conc: 58.70 ng/ml



#9 AR-1221-2

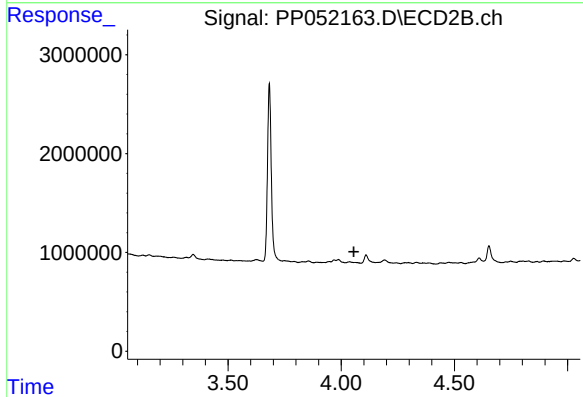
R.T.: 3.988 min
Delta R.T.: 0.009 min
Response: 491035
Conc: 41.10 ng/ml



#10 AR-1221-3

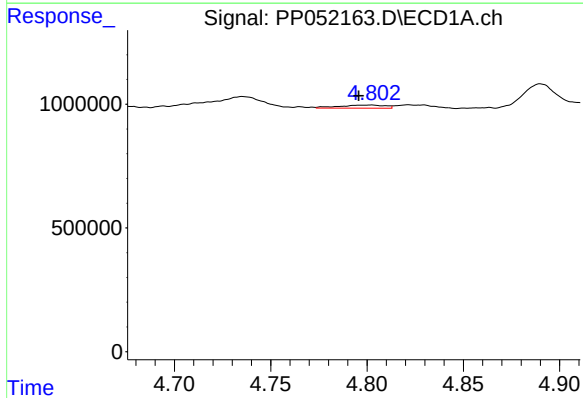
R.T.: 4.802 min
Delta R.T.: 0.007 min
Response: 212904
Conc: 4.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



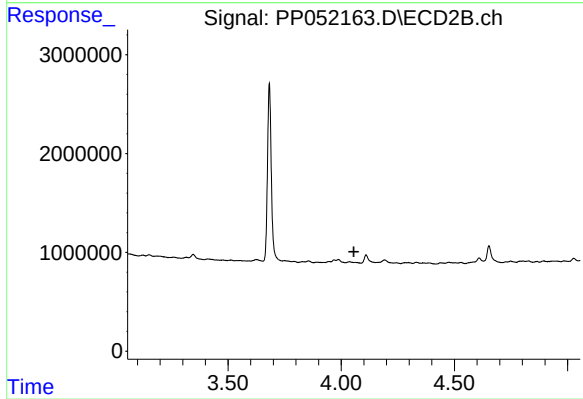
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.056 min
Response: 0
Conc: N.D.



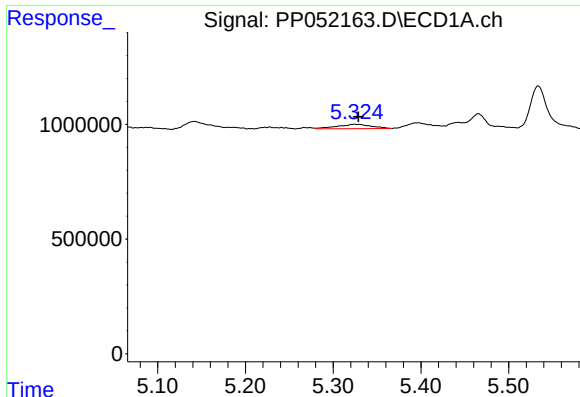
#11 AR-1232-1

R.T.: 4.802 min
Delta R.T.: 0.006 min
Response: 212904
Conc: 5.31 ng/ml



#11 AR-1232-1

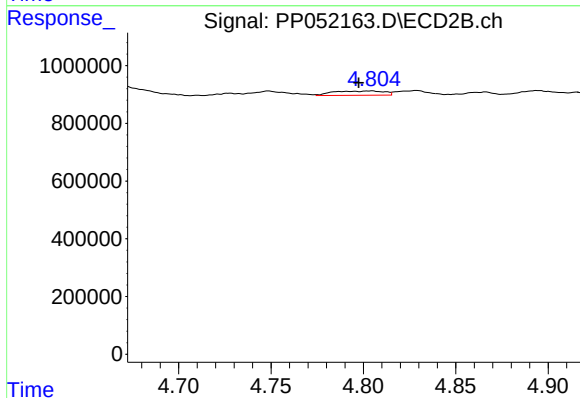
R.T.: 0.000 min
Exp R.T. : 4.056 min
Response: 0
Conc: N.D.



#12 AR-1232-2

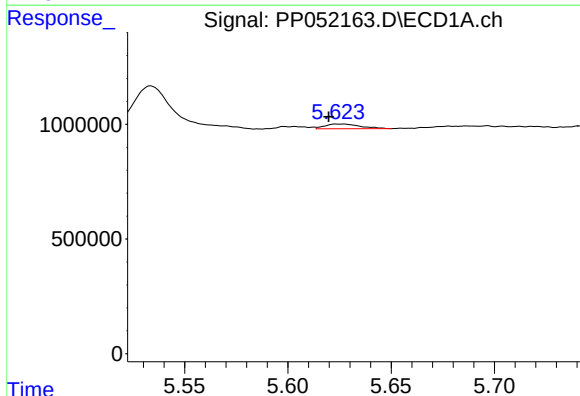
R.T.: 5.324 min
Delta R.T.: -0.004 min
Response: 516278
Conc: 27.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



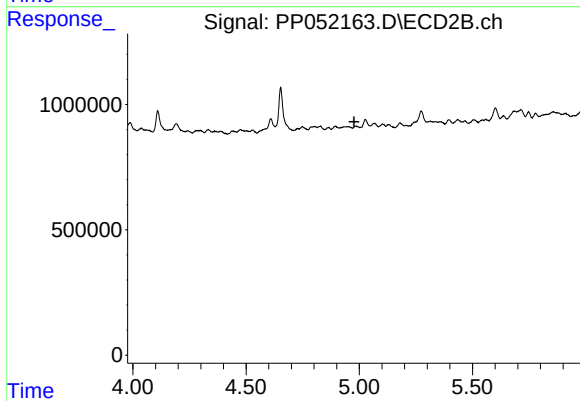
#12 AR-1232-2

R.T.: 4.804 min
Delta R.T.: 0.006 min
Response: 289889
Conc: 10.26 ng/ml



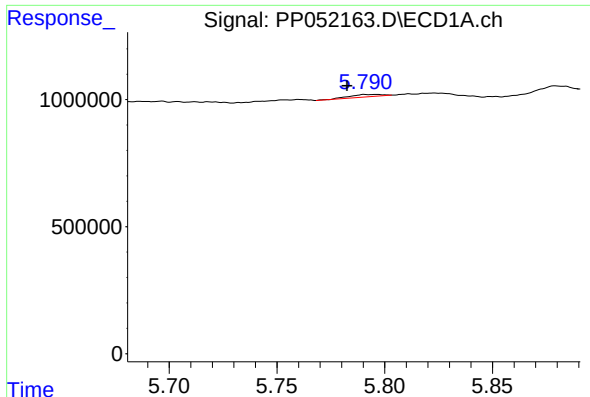
#13 AR-1232-3

R.T.: 5.626 min
Delta R.T.: 0.006 min
Response: 245249
Conc: 8.26 ng/ml



#13 AR-1232-3

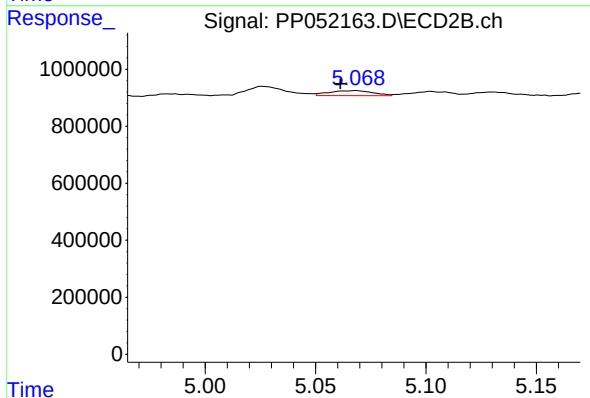
R.T.: 0.000 min
Exp R.T. : 4.977 min
Response: 0
Conc: N.D.



#14 AR-1232-4

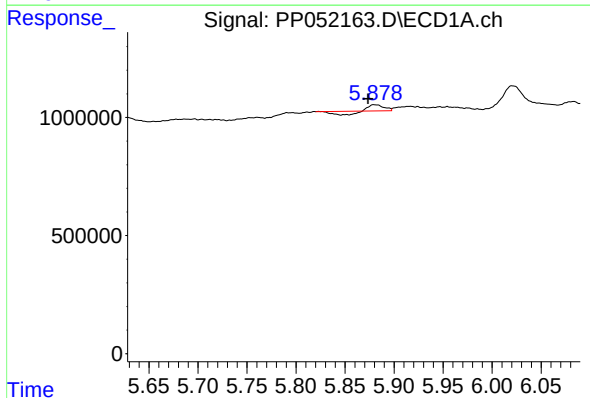
R.T.: 5.796 min
Delta R.T.: 0.014 min
Response: 95869
Conc: 6.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



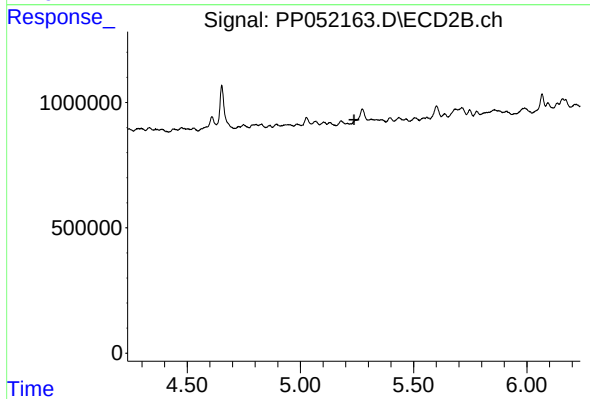
#14 AR-1232-4

R.T.: 5.068 min
Delta R.T.: 0.007 min
Response: 242609
Conc: 18.18 ng/ml



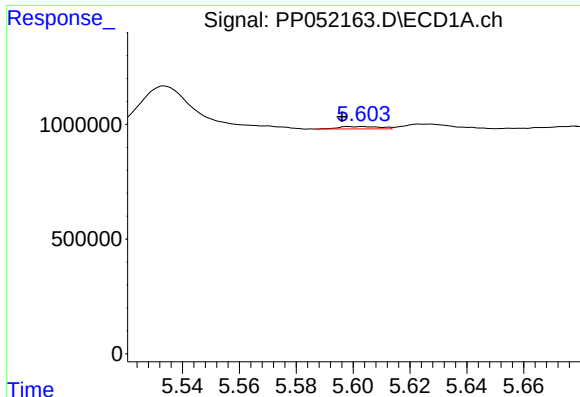
#15 AR-1232-5

R.T.: 5.880 min
Delta R.T.: 0.006 min
Response: 51797
Conc: 4.33 ng/ml



#15 AR-1232-5

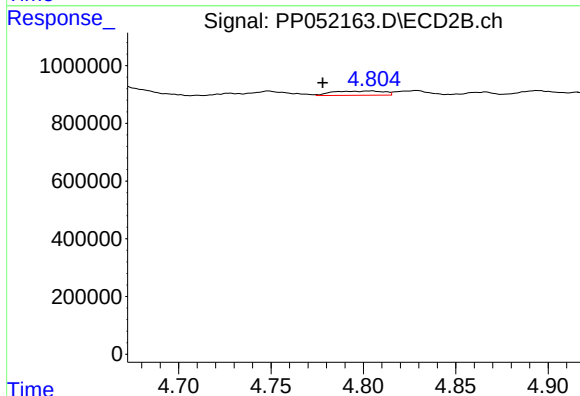
R.T.: 0.000 min
Exp R.T. : 5.236 min
Response: 0
Conc: N.D.



#16 AR-1242-1

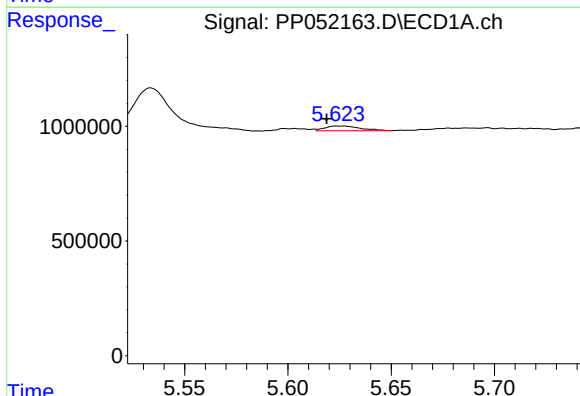
R.T.: 5.603 min
Delta R.T.: 0.007 min
Response: 108087
Conc: 2.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



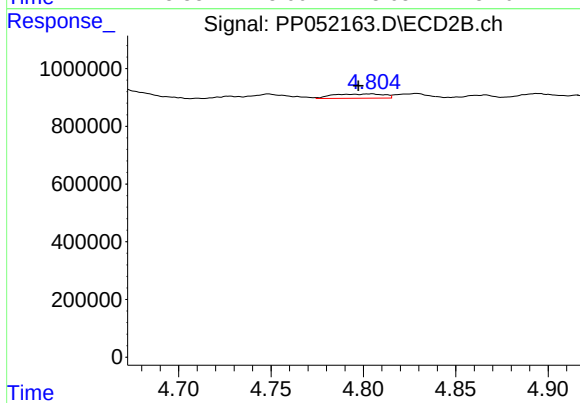
#16 AR-1242-1

R.T.: 4.804 min
Delta R.T.: 0.026 min
Response: 289889
Conc: 7.44 ng/ml



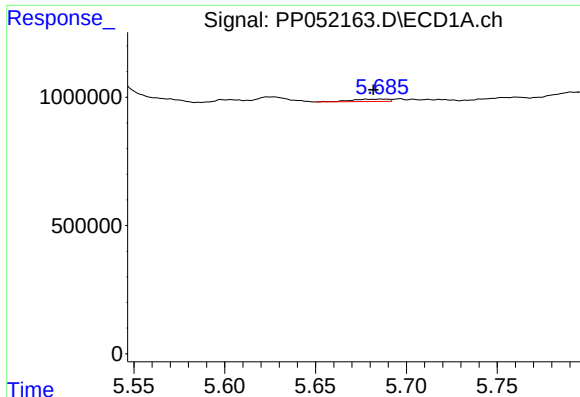
#17 AR-1242-2

R.T.: 5.626 min
Delta R.T.: 0.007 min
Response: 245249
Conc: 4.26 ng/ml



#17 AR-1242-2

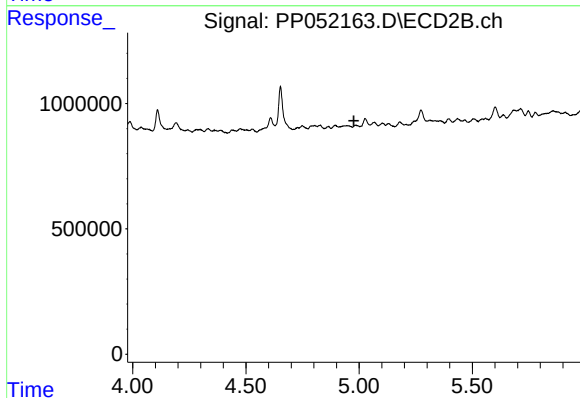
R.T.: 4.804 min
Delta R.T.: 0.007 min
Response: 289889
Conc: 5.29 ng/ml



#18 AR-1242-3

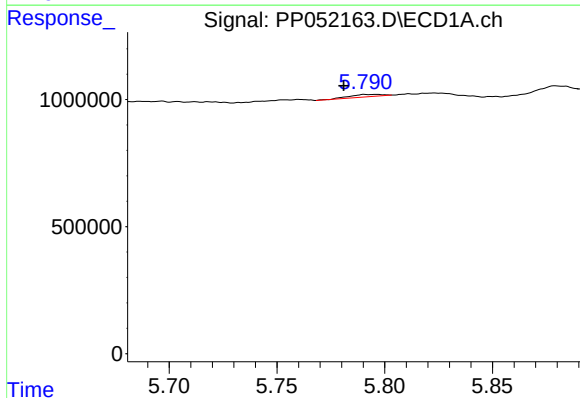
R.T.: 5.687 min
Delta R.T.: 0.005 min
Response: 128837
Conc: 3.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



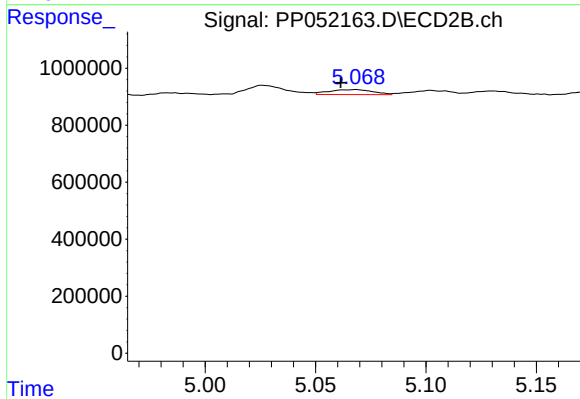
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.977 min
Response: 0
Conc: N.D.



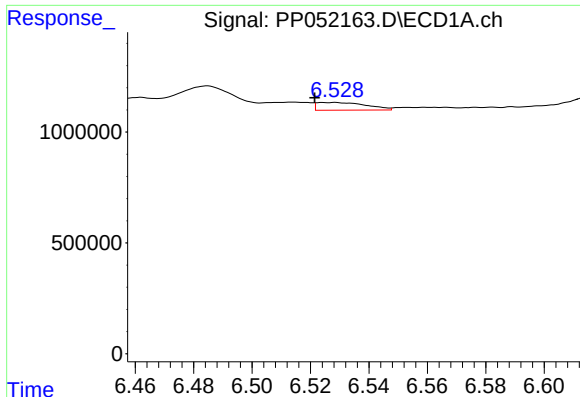
#19 AR-1242-4

R.T.: 5.796 min
Delta R.T.: 0.015 min
Response: 95869
Conc: 3.33 ng/ml



#19 AR-1242-4

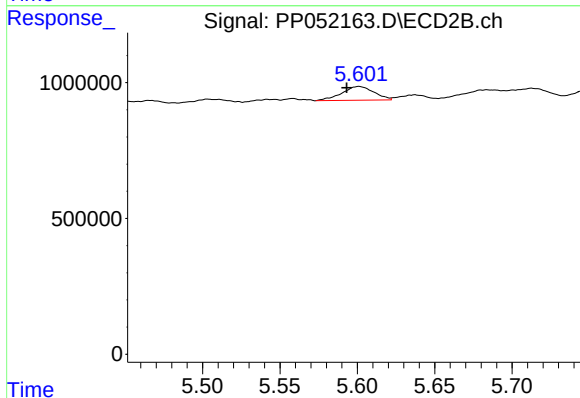
R.T.: 5.068 min
Delta R.T.: 0.007 min
Response: 242609
Conc: 8.22 ng/ml



#20 AR-1242-5

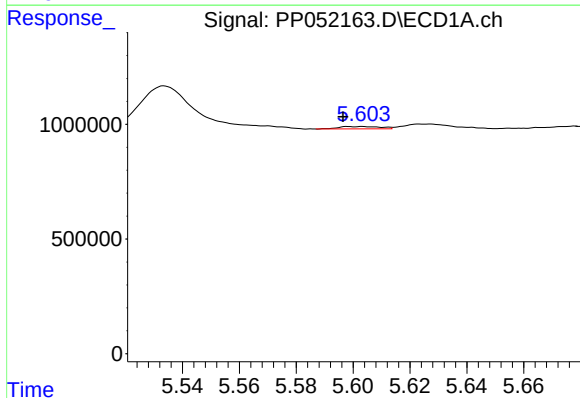
R.T.: 6.528 min
Delta R.T.: 0.007 min
Response: 407611
Conc: 10.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



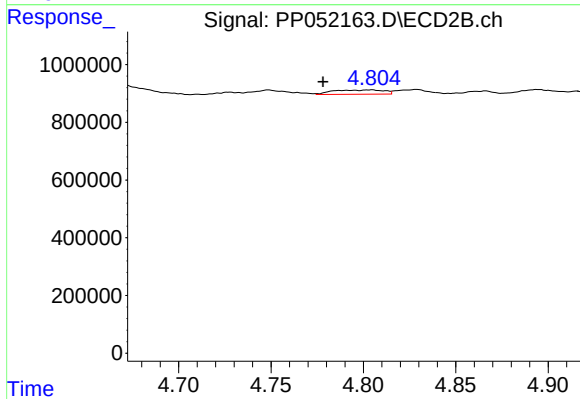
#20 AR-1242-5

R.T.: 5.601 min
Delta R.T.: 0.008 min
Response: 732152
Conc: 20.06 ng/ml



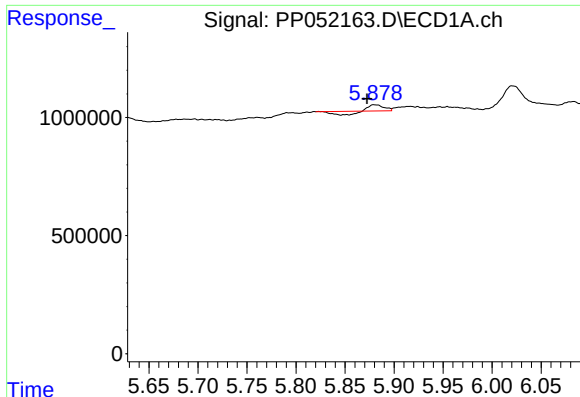
#21 AR-1248-1

R.T.: 5.603 min
Delta R.T.: 0.007 min
Response: 108087
Conc: 3.46 ng/ml



#21 AR-1248-1

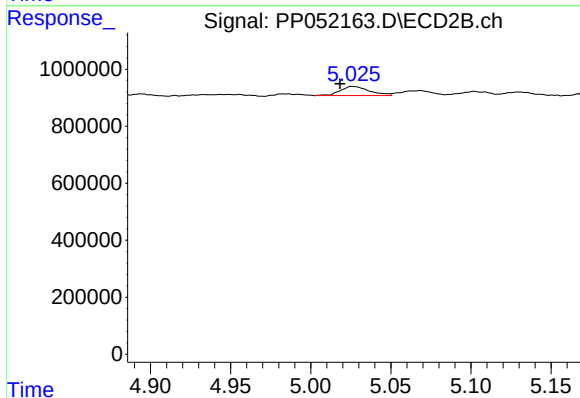
R.T.: 4.804 min
Delta R.T.: 0.026 min
Response: 289889
Conc: 9.60 ng/ml



#22 AR-1248-2

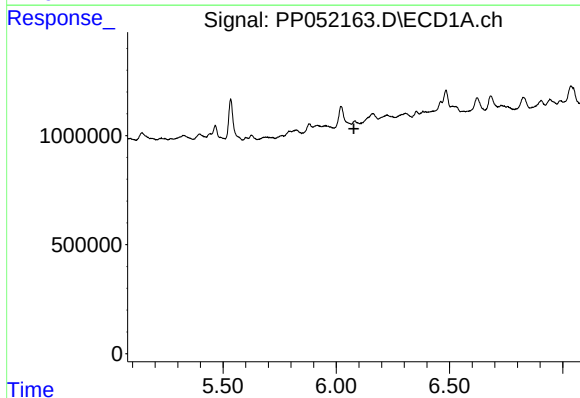
R.T.: 5.880 min
Delta R.T.: 0.007 min
Response: 51797
Conc: 0.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



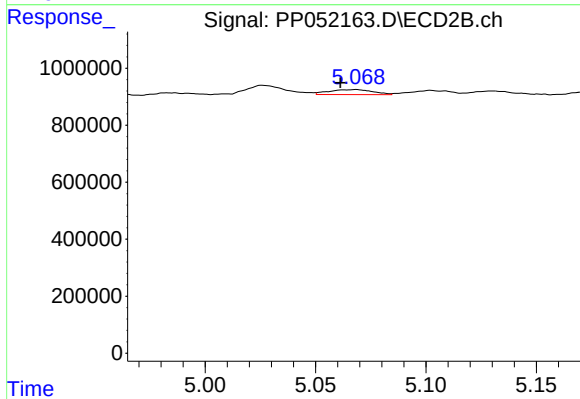
#22 AR-1248-2

R.T.: 5.026 min
Delta R.T.: 0.008 min
Response: 405047
Conc: 9.74 ng/ml



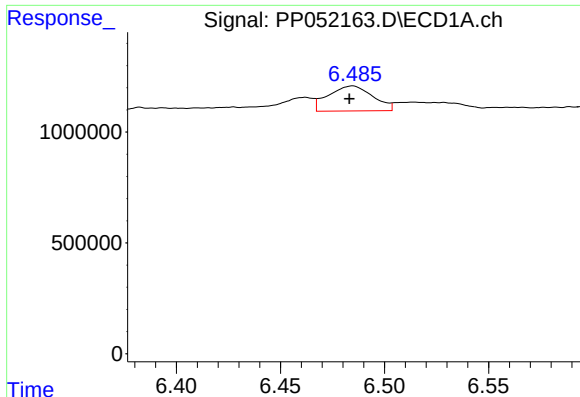
#23 AR-1248-3

R.T.: 6.083 min
Delta R.T.: 0.005 min
Response: -100071
Conc: N.D.



#23 AR-1248-3

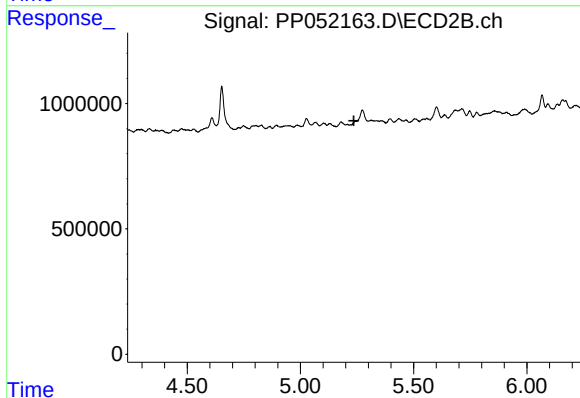
R.T.: 5.068 min
Delta R.T.: 0.007 min
Response: 242609
Conc: 5.19 ng/ml



#24 AR-1248-4

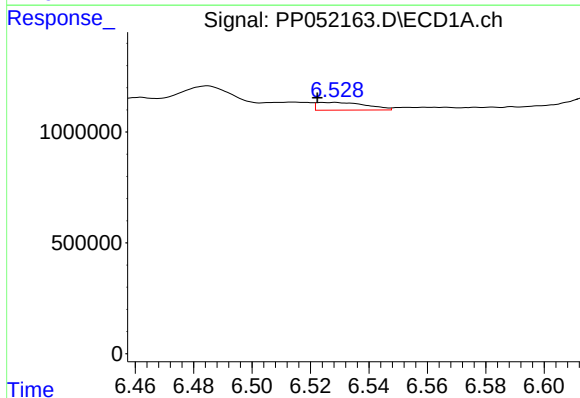
R.T.: 6.485 min
Delta R.T.: 0.002 min
Response: 1685746
Conc: 24.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



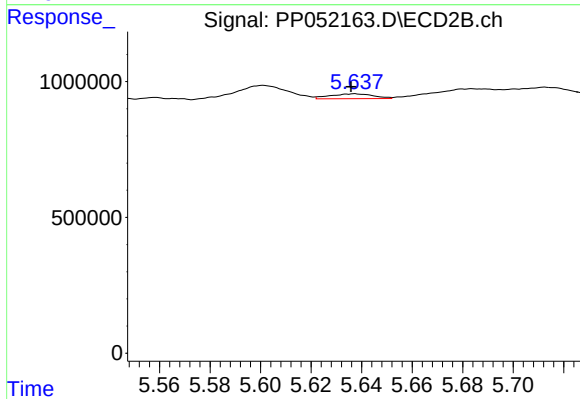
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.236 min
Response: 0
Conc: N.D.



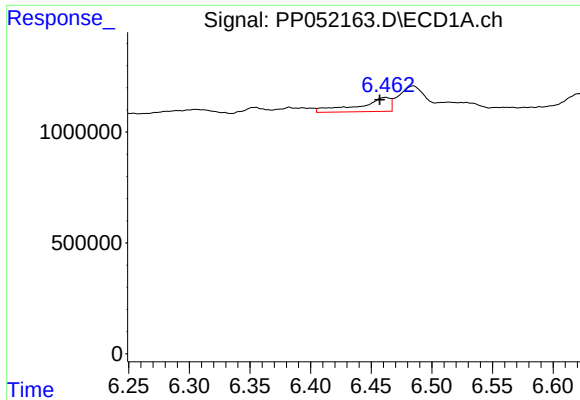
#25 AR-1248-5

R.T.: 6.528 min
Delta R.T.: 0.006 min
Response: 407611
Conc: 5.97 ng/ml



#25 AR-1248-5

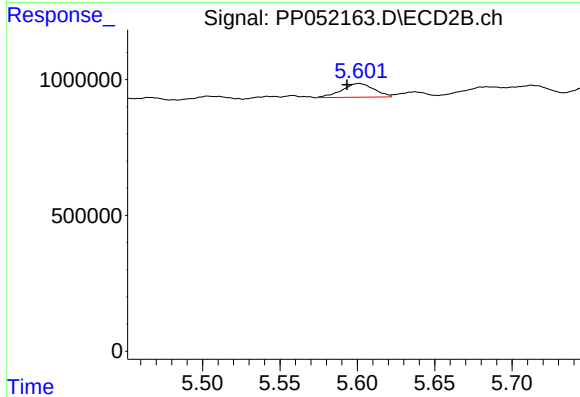
R.T.: 5.637 min
Delta R.T.: 0.001 min
Response: 214424
Conc: 4.04 ng/ml



#26 AR-1254-1

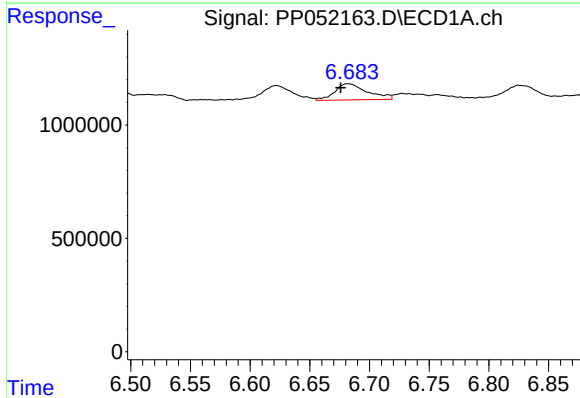
R.T.: 6.462 min
Delta R.T.: 0.005 min
Response: 1160015
Conc: 17.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



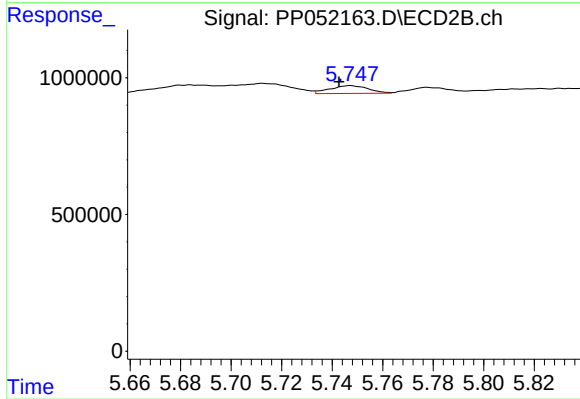
#26 AR-1254-1

R.T.: 5.601 min
Delta R.T.: 0.008 min
Response: 732152
Conc: 9.84 ng/ml



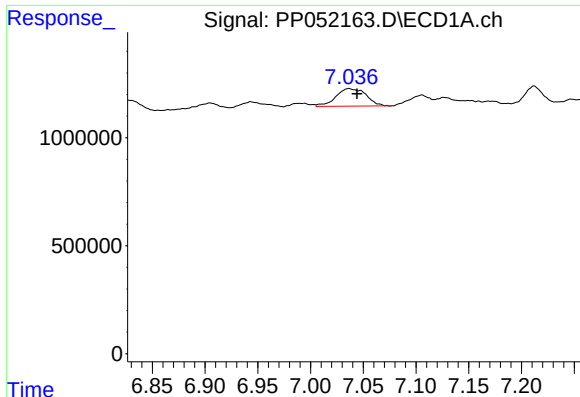
#27 AR-1254-2

R.T.: 6.682 min
Delta R.T.: 0.006 min
Response: 1361309
Conc: 13.30 ng/ml



#27 AR-1254-2

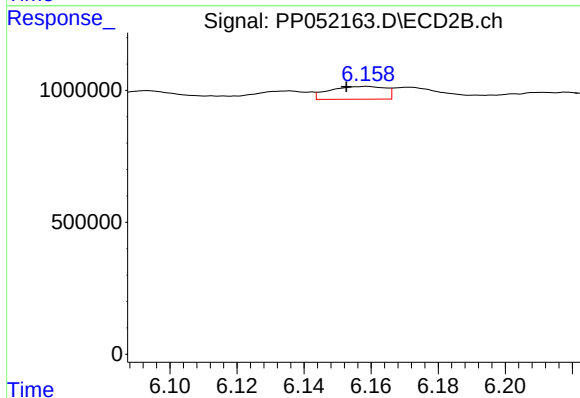
R.T.: 5.747 min
Delta R.T.: 0.004 min
Response: 299338
Conc: 4.64 ng/ml



#28 AR-1254-3

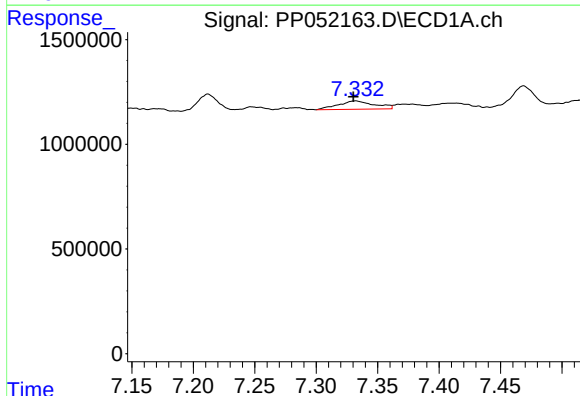
R.T.: 7.036 min
Delta R.T.: -0.008 min
Response: 1625595
Conc: 15.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



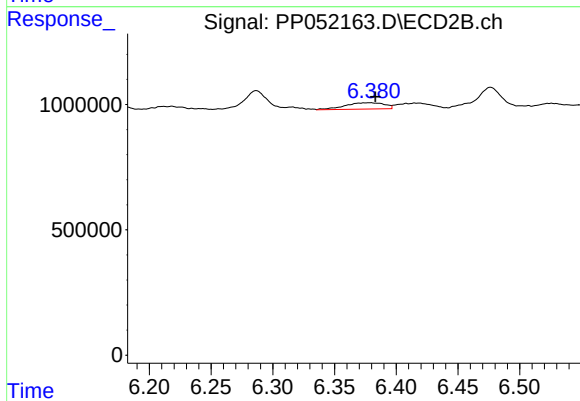
#28 AR-1254-3

R.T.: 6.158 min
Delta R.T.: 0.006 min
Response: 558703
Conc: 5.31 ng/ml



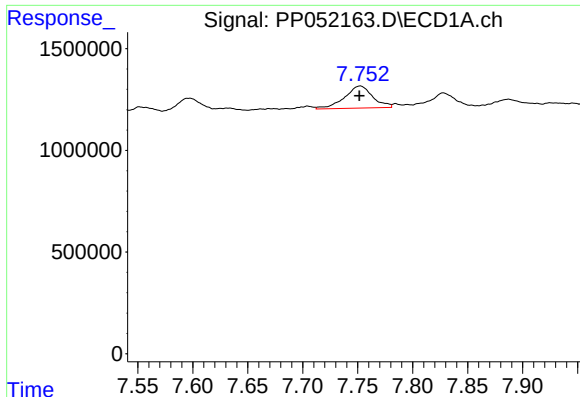
#29 AR-1254-4

R.T.: 7.332 min
Delta R.T.: 0.002 min
Response: 813001
Conc: 11.33 ng/ml



#29 AR-1254-4

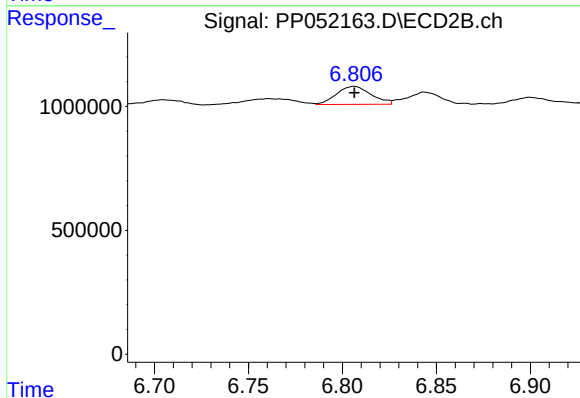
R.T.: 6.378 min
Delta R.T.: -0.005 min
Response: 560645
Conc: 8.22 ng/ml



#30 AR-1254-5

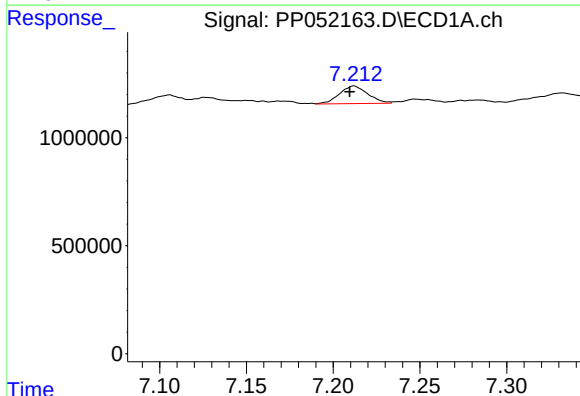
R.T.: 7.752 min
Delta R.T.: 0.000 min
Response: 1933999
Conc: 25.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



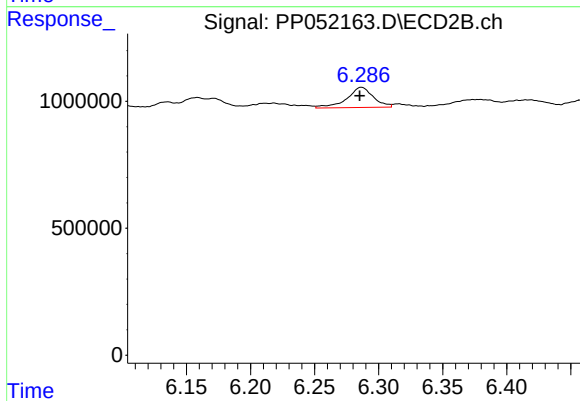
#30 AR-1254-5

R.T.: 6.806 min
Delta R.T.: 0.000 min
Response: 935667
Conc: 10.11 ng/ml



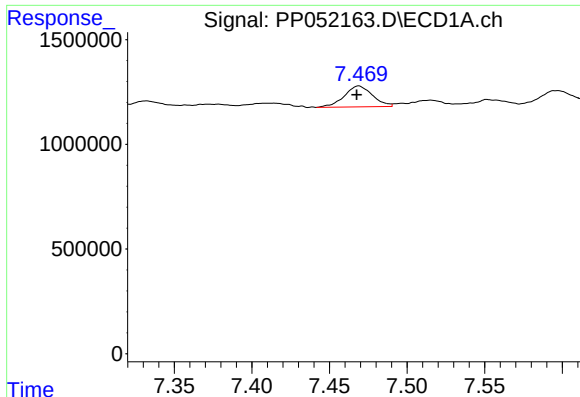
#31 AR-1260-1

R.T.: 7.212 min
Delta R.T.: 0.002 min
Response: 930390
Conc: 13.09 ng/ml



#31 AR-1260-1

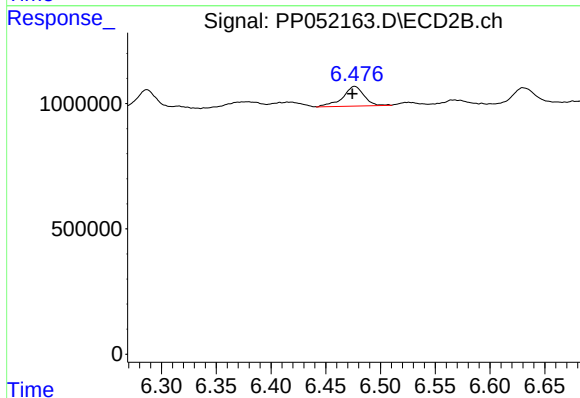
R.T.: 6.287 min
Delta R.T.: 0.001 min
Response: 1143007
Conc: 16.59 ng/ml



#32 AR-1260-2

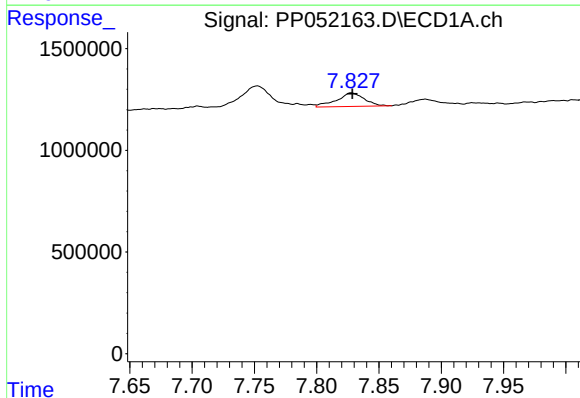
R.T.: 7.469 min
Delta R.T.: 0.001 min
Response: 1267681
Conc: 15.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



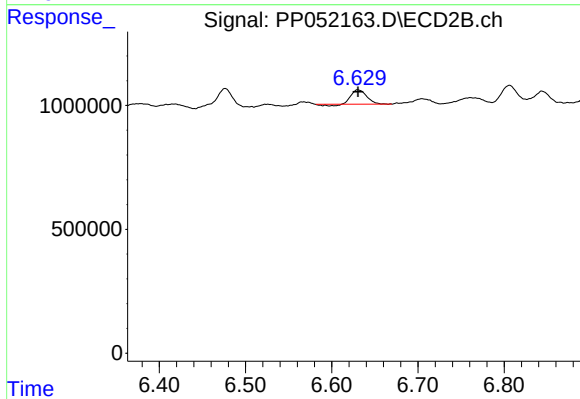
#32 AR-1260-2

R.T.: 6.476 min
Delta R.T.: 0.002 min
Response: 1060364
Conc: 12.60 ng/ml



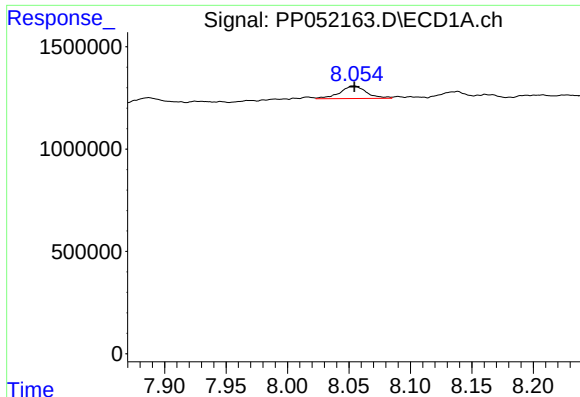
#33 AR-1260-3

R.T.: 7.828 min
Delta R.T.: 0.000 min
Response: 1022424
Conc: 17.88 ng/ml



#33 AR-1260-3

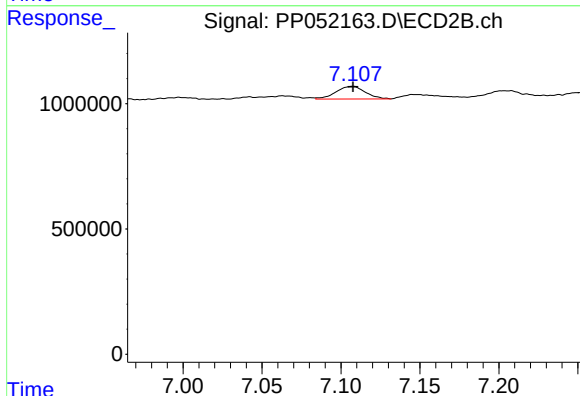
R.T.: 6.630 min
Delta R.T.: 0.000 min
Response: 696776
Conc: 8.95 ng/ml



#34 AR-1260-4

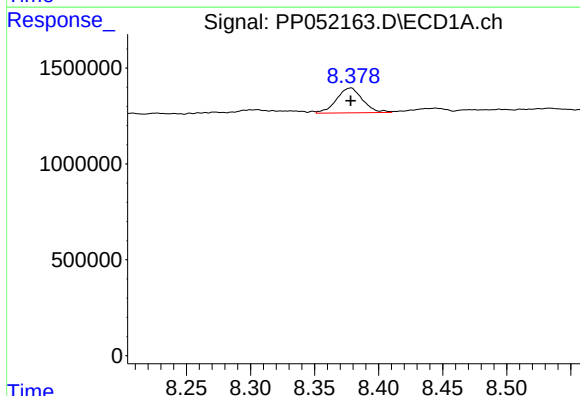
R.T.: 8.054 min
Delta R.T.: 0.000 min
Response: 920500
Conc: 14.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



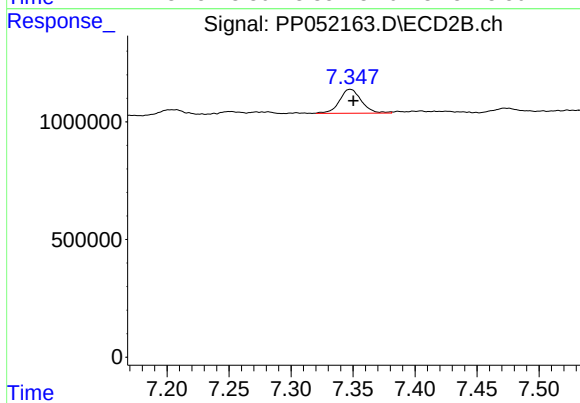
#34 AR-1260-4

R.T.: 7.107 min
Delta R.T.: 0.000 min
Response: 649103
Conc: 10.31 ng/ml



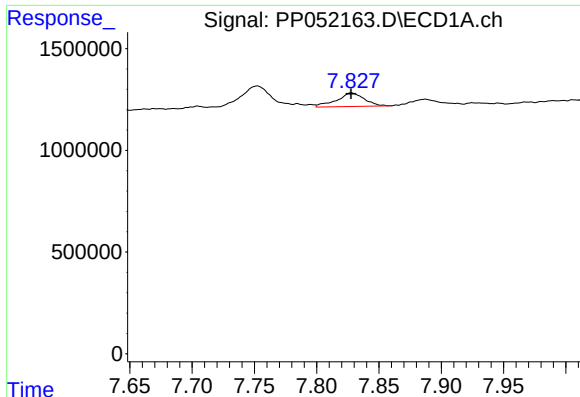
#35 AR-1260-5

R.T.: 8.378 min
Delta R.T.: 0.000 min
Response: 1836068
Conc: 14.44 ng/ml



#35 AR-1260-5

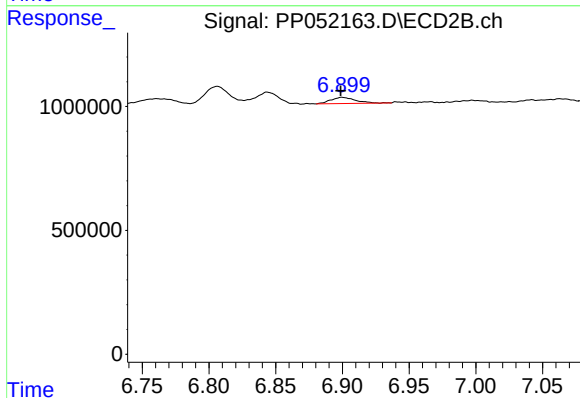
R.T.: 7.348 min
Delta R.T.: -0.002 min
Response: 1252867
Conc: 8.54 ng/ml



#36 AR-1262-1

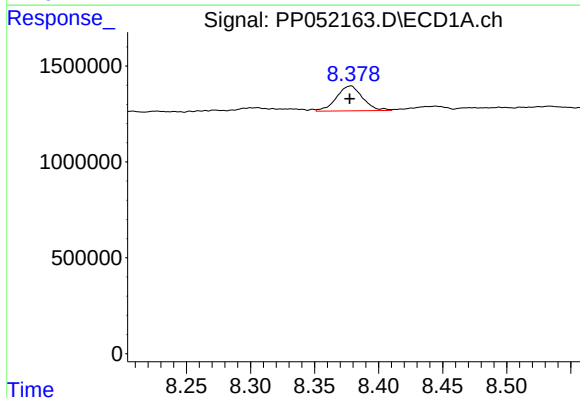
R.T.: 7.828 min
Delta R.T.: 0.000 min
Response: 1022424
Conc: 11.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



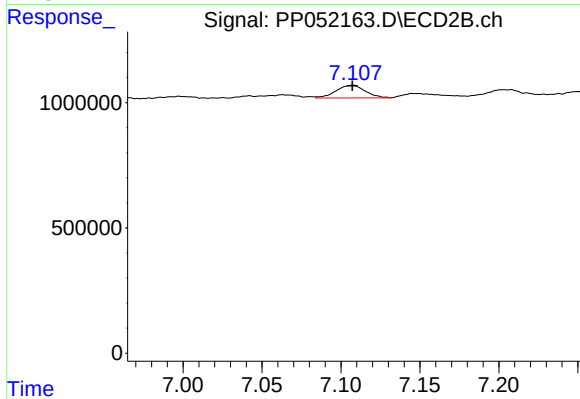
#36 AR-1262-1

R.T.: 6.900 min
Delta R.T.: 0.001 min
Response: 319288
Conc: 8.50 ng/ml



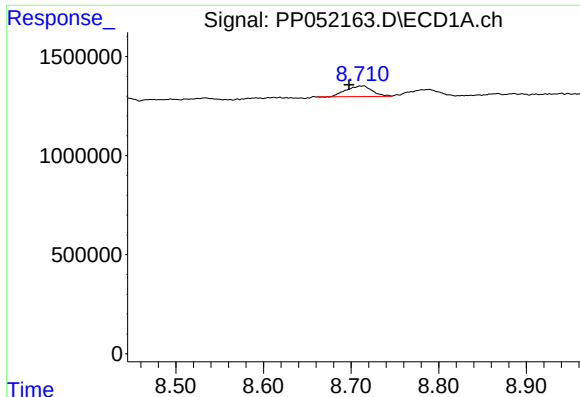
#37 AR-1262-2

R.T.: 8.378 min
Delta R.T.: 0.000 min
Response: 1836068
Conc: 12.44 ng/ml



#37 AR-1262-2

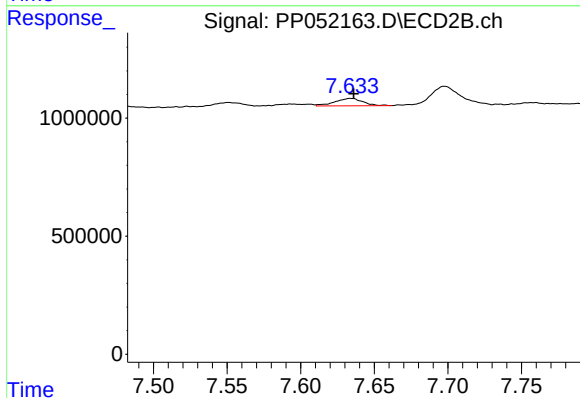
R.T.: 7.107 min
Delta R.T.: 0.000 min
Response: 649103
Conc: 7.66 ng/ml



#38 AR-1262-3

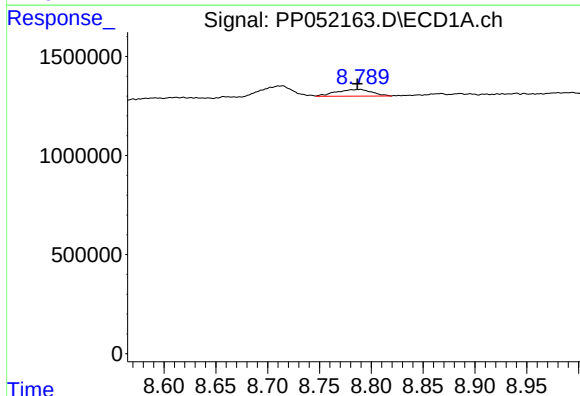
R.T.: 8.713 min
Delta R.T.: 0.016 min
Response: 1121004
Conc: 10.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



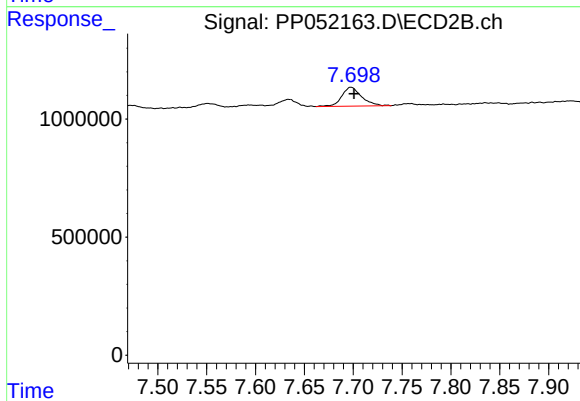
#38 AR-1262-3

R.T.: 7.634 min
Delta R.T.: -0.002 min
Response: 416163
Conc: 5.93 ng/ml



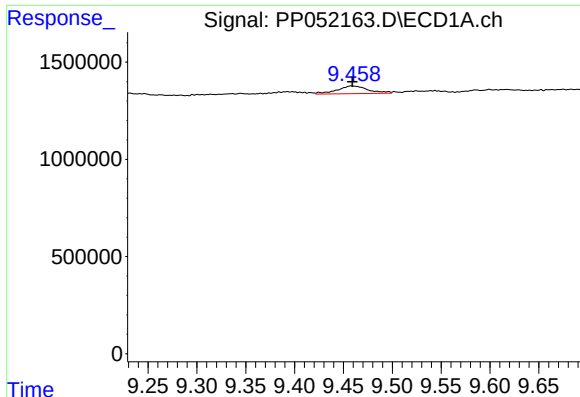
#39 AR-1262-4

R.T.: 8.789 min
Delta R.T.: 0.002 min
Response: 808549
Conc: 17.56 ng/ml



#39 AR-1262-4

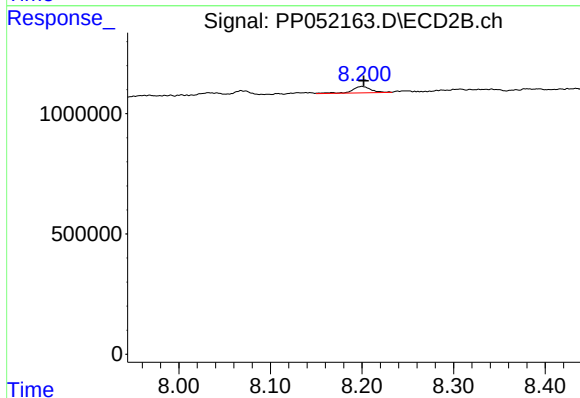
R.T.: 7.698 min
Delta R.T.: -0.003 min
Response: 1130396
Conc: 9.05 ng/ml



#40 AR-1262-5

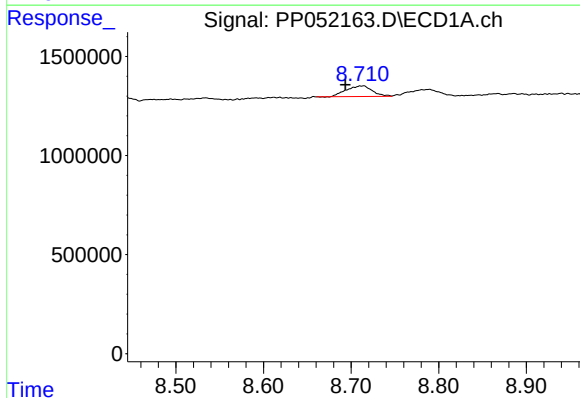
R.T.: 9.459 min
Delta R.T.: 0.000 min
Response: 882867
Conc: 15.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



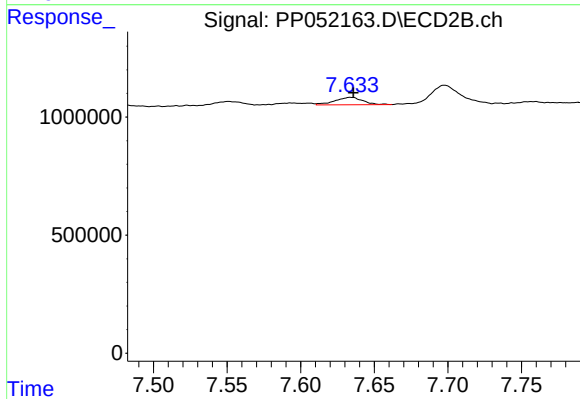
#40 AR-1262-5

R.T.: 8.200 min
Delta R.T.: -0.002 min
Response: 387714
Conc: 6.84 ng/ml



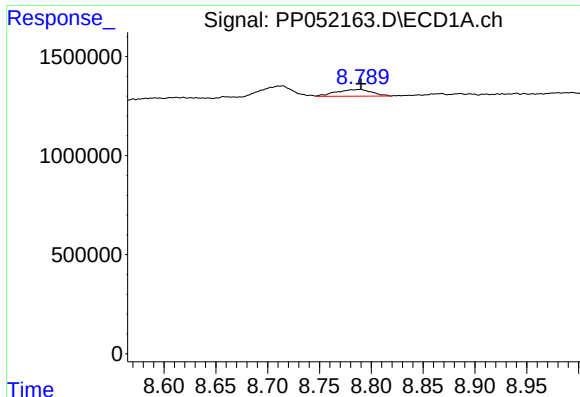
#41 AR-1268-1

R.T.: 8.713 min
Delta R.T.: 0.020 min
Response: 1121004
Conc: 6.28 ng/ml



#41 AR-1268-1

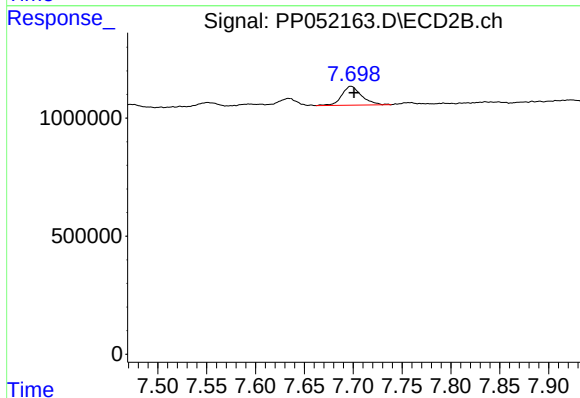
R.T.: 7.634 min
Delta R.T.: -0.001 min
Response: 416163
Conc: 2.10 ng/ml



#42 AR-1268-2

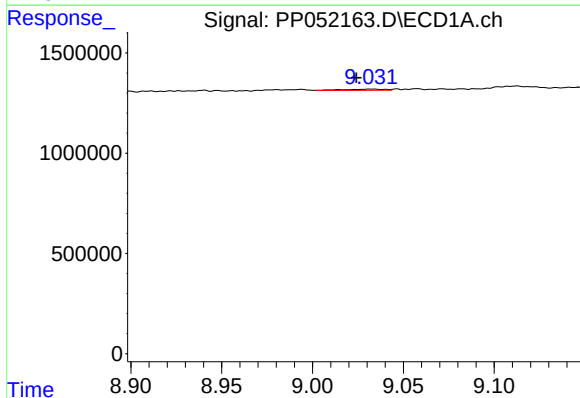
R.T.: 8.789 min
Delta R.T.: -0.001 min
Response: 808549
Conc: 4.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



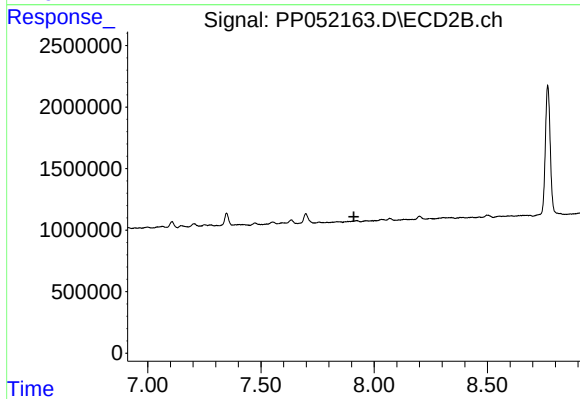
#42 AR-1268-2

R.T.: 7.698 min
Delta R.T.: -0.003 min
Response: 1130396
Conc: 6.33 ng/ml



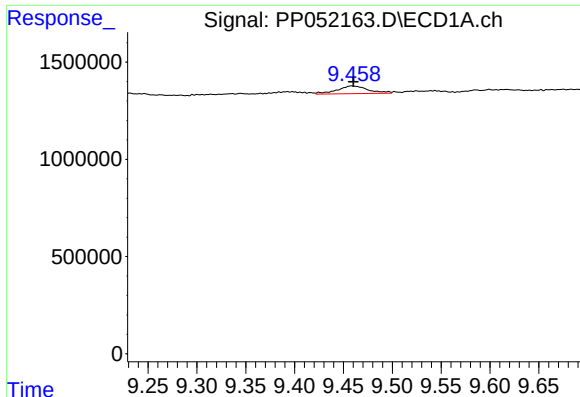
#43 AR-1268-3

R.T.: 9.033 min
Delta R.T.: 0.009 min
Response: 100006
Conc: 0.70 ng/ml



#43 AR-1268-3

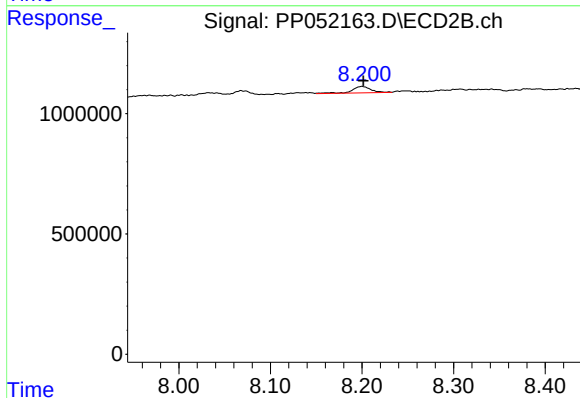
R.T.: 0.000 min
Exp R.T. : 7.910 min
Response: 0
Conc: N.D.



#44 AR-1268-4

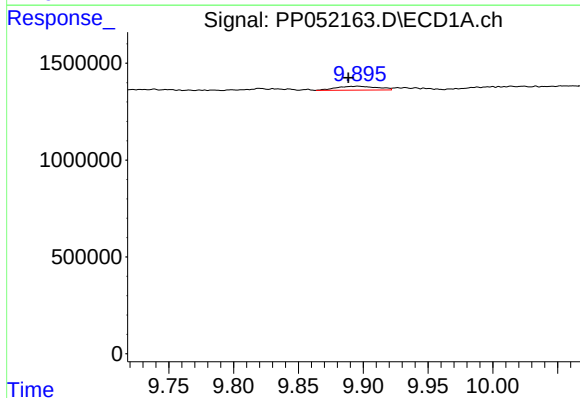
R.T.: 9.459 min
Delta R.T.: -0.002 min
Response: 882867
Conc: 13.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



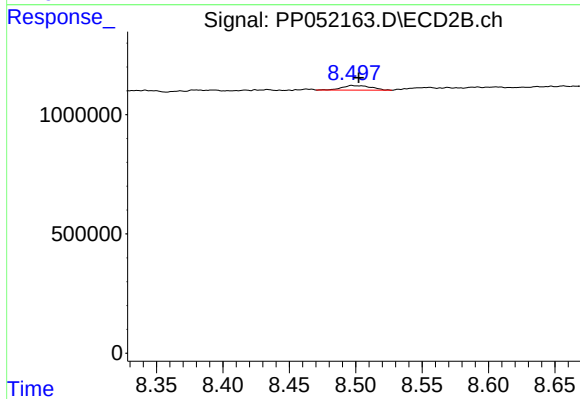
#44 AR-1268-4

R.T.: 8.200 min
Delta R.T.: -0.001 min
Response: 387714
Conc: 6.18 ng/ml



#45 AR-1268-5

R.T.: 9.896 min
Delta R.T.: 0.007 min
Response: 446795
Conc: 0.97 ng/ml



#45 AR-1268-5

R.T.: 8.497 min
Delta R.T.: -0.005 min
Response: 294158
Conc: 0.63 ng/ml