

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP020223\
 Data File : PP055268.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Feb 2023 17:26
 Operator : YP\AJ
 Sample : 01390-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 02 23:54:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 03:37:45 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...	4.328	3.574	28357475	24480112	16.309	16.307
2)	SA Decachlor...	10.084	8.588	22272033	18079584	12.862	13.387
Target Compounds							
3)	L1 AR-1016-1	5.497	4.670	140221	731284	2.086	14.775 #
4)	L1 AR-1016-2	5.522	4.670	347019	731284	3.621	10.565 #
5)	L1 AR-1016-3	5.582	4.852	321640	270150	5.377	7.263 #
6)	L1 AR-1016-4	0.000	4.899	0	237622	N.D.	7.562 #
8)	L2 AR-1221-1	4.535	3.792	536475	170728	22.814	8.611 #
9)	L2 AR-1221-2	4.633	3.872	894616	933386	50.353	62.971 #
10)	L2 AR-1221-3	4.712	3.947	357809	349017	6.650	7.736
11)	L3 AR-1232-1	4.712	3.947	357809	349017	8.062	9.469
12)	L3 AR-1232-2	5.227	4.670	551954	731284	24.407	22.894
13)	L3 AR-1232-3	5.522	4.852	347019	270150	7.902	16.205 #
14)	L3 AR-1232-4	0.000	4.949	0	299799	N.D.	18.591 #
15)	L3 AR-1232-5	5.776	0.000	175468	0	10.023	N.D. #
16)	L4 AR-1242-1	5.497	4.670	140221	731284	2.504	17.853 #
17)	L4 AR-1242-2	5.522	4.670	347019	731284	4.347	12.807 #
18)	L4 AR-1242-3	5.582	4.852	321640	270150	6.477	8.752 #
19)	L4 AR-1242-4	0.000	4.949	0	299799	N.D.	9.228 #
20)	L4 AR-1242-5	0.000	5.466	0	1165273	N.D.	31.181 #
21)	L5 AR-1248-1	5.497	4.670	140221	731284	3.362	23.587 #
22)	L5 AR-1248-2	5.776	4.899	175468	237622	2.760	5.196 #
23)	L5 AR-1248-3	0.000	4.949	0	299799	N.D.	6.289 #
24)	L5 AR-1248-4	6.394	0.000	1170273	0	15.432	N.D. #
25)	L5 AR-1248-5	0.000	5.506	0	337435	N.D.	6.862 #
26)	L6 AR-1254-1	6.366	5.466	902671	1165273	11.442	14.429 #
27)	L6 AR-1254-2	6.584	5.609	906850	558855	7.493	7.809
28)	L6 AR-1254-3	6.950	6.015	1345284	933361	10.983	8.378
29)	L6 AR-1254-4	7.236	6.243	180854	262246	2.053	4.264 #
30)	L6 AR-1254-5	7.675f	6.662	3390023	1890511	33.511	19.941 #
31)	L7 AR-1260-1	7.110	6.145	719952	1078986	7.552	13.914 #
32)	L7 AR-1260-2	7.363	6.336	2674731	610253	23.766	6.788 #
33)	L7 AR-1260-3	7.729	6.487	397099	449288	4.932	5.291
34)	L7 AR-1260-4	7.956	6.961	1137869	562025	11.721	7.849 #
35)	L7 AR-1260-5	8.274	7.203	1229679	890728	6.914	5.794
36)	L8 AR-1262-1	7.729	6.759	397099	318427	3.366	7.412 #
37)	L8 AR-1262-2	8.274	6.961	1229679	562025	6.105	6.068
38)	L8 AR-1262-3	8.597	7.488	604572	425688	4.347	5.843 #
39)	L8 AR-1262-4	8.677	7.551	355854	914613	4.629	6.994 #
40)	L8 AR-1262-5	9.326	8.049	220824	258228	3.088	4.353 #
41)	L9 AR-1268-1	8.597	7.488	604572	425688	2.474	1.969
42)	L9 AR-1268-2	8.677	7.551	355854	914613	1.567	4.687 #

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 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	8.910	7.762	-35561	187280	N.D.	1.090 #
44) L9	AR-1268-4	9.326	8.049	220824	258228	2.811	4.049 #
45) L9	AR-1268-5	9.750	8.336	679972	342387	1.069	0.650 #

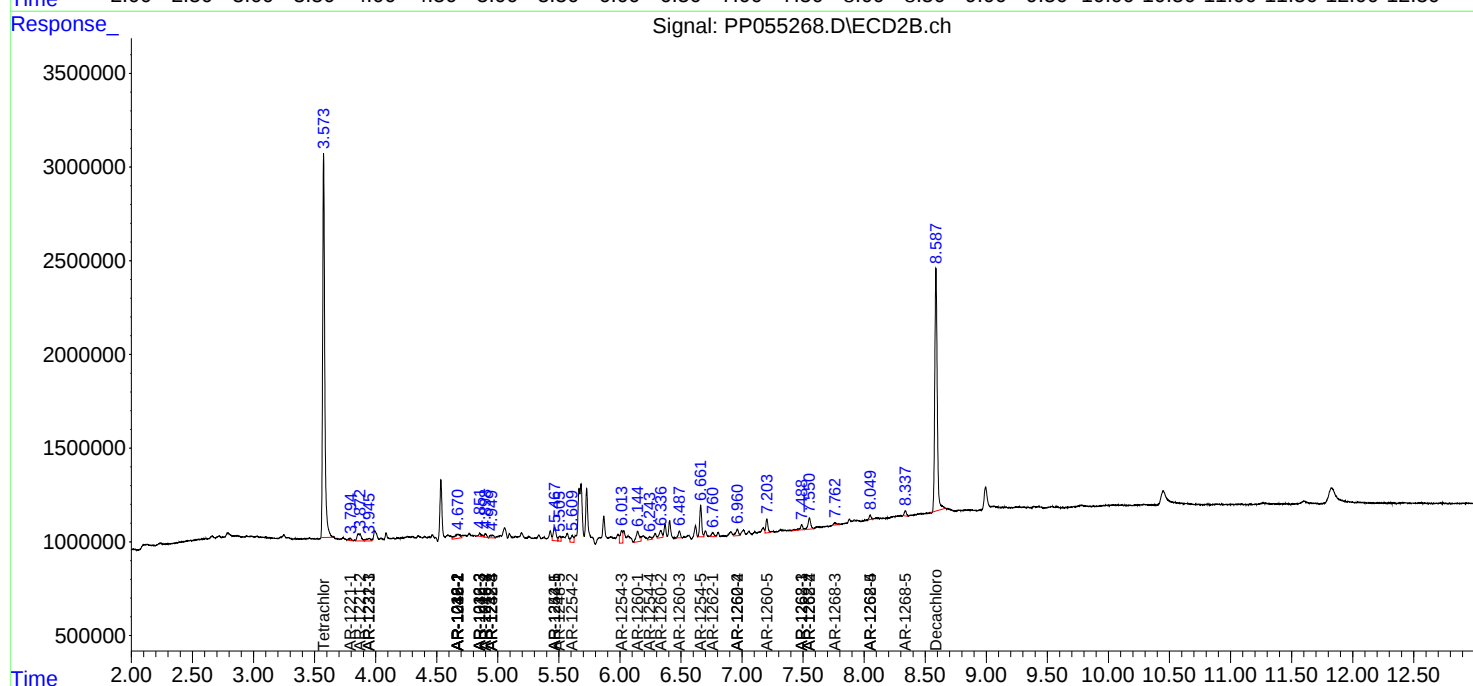
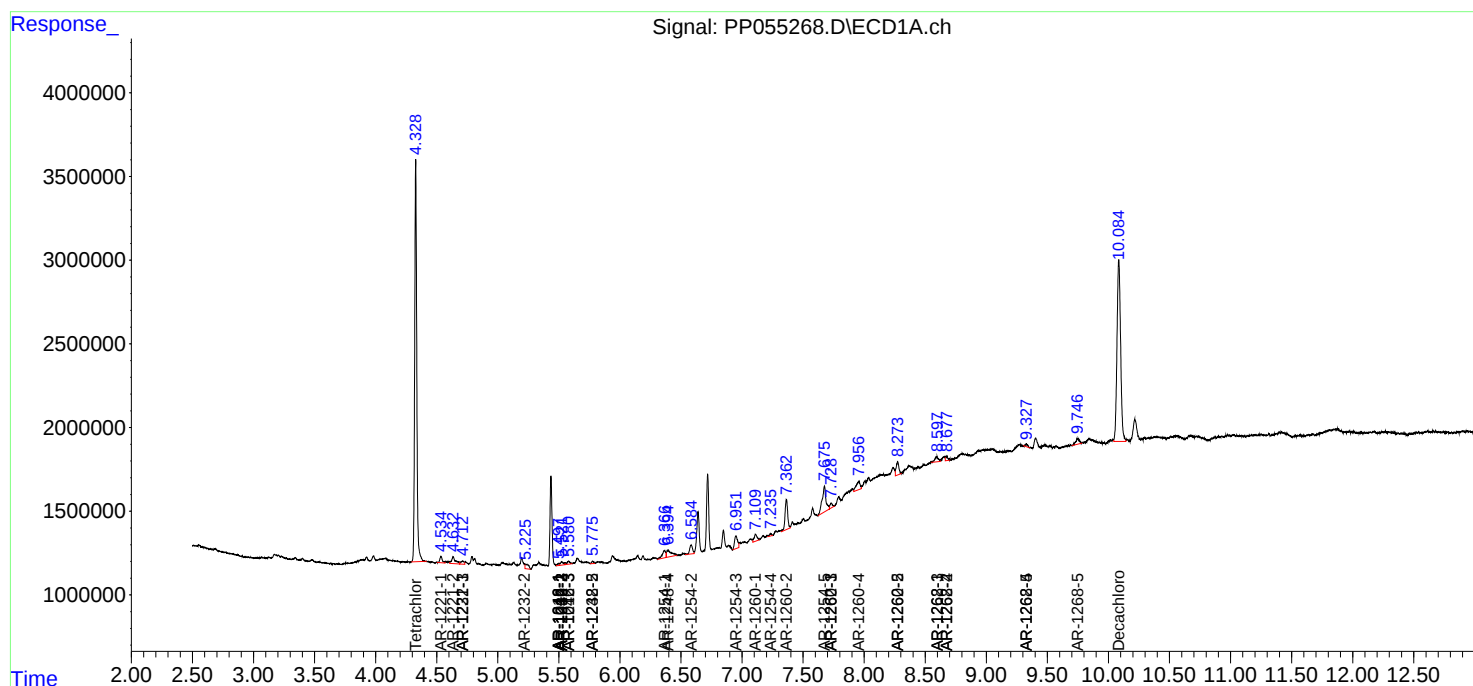
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

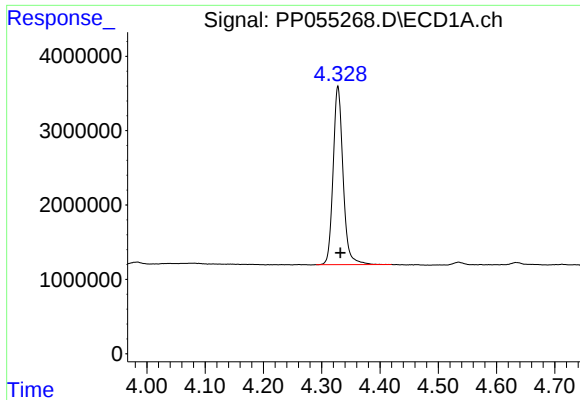
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

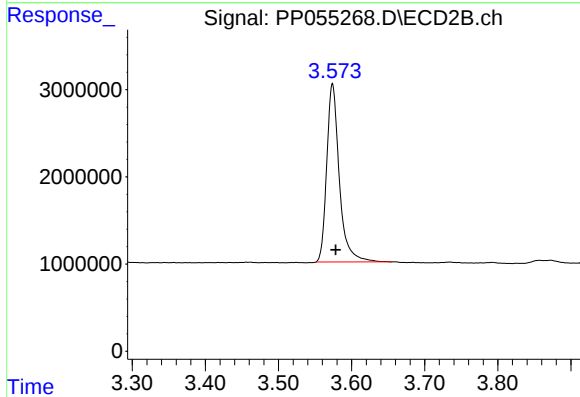




#1 Tetrachloro-m-xylene

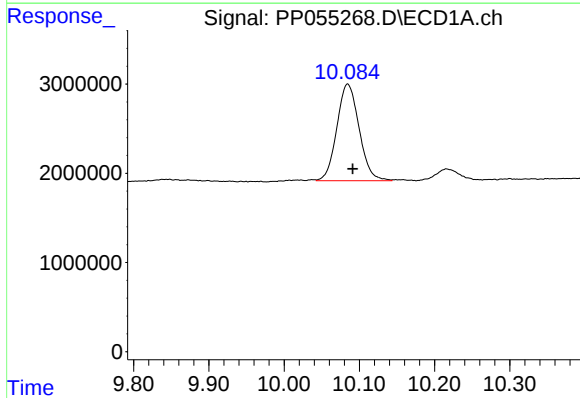
R.T.: 4.328 min
Delta R.T.: -0.004 min
Response: 28357475
Conc: 16.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



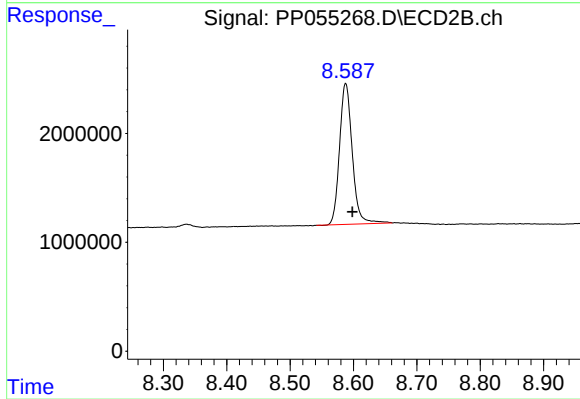
#1 Tetrachloro-m-xylene

R.T.: 3.574 min
Delta R.T.: -0.004 min
Response: 24480112
Conc: 16.31 ng/ml



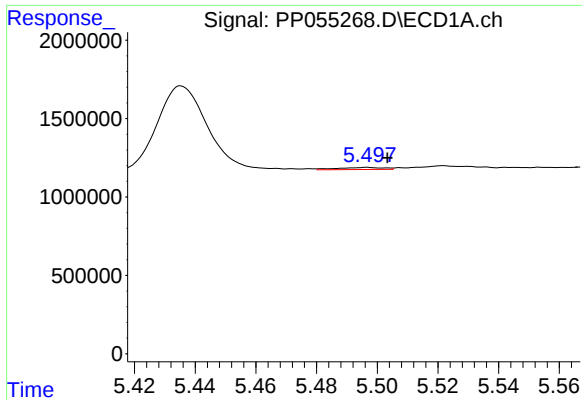
#2 Decachlorobiphenyl

R.T.: 10.084 min
Delta R.T.: -0.007 min
Response: 22272033
Conc: 12.86 ng/ml



#2 Decachlorobiphenyl

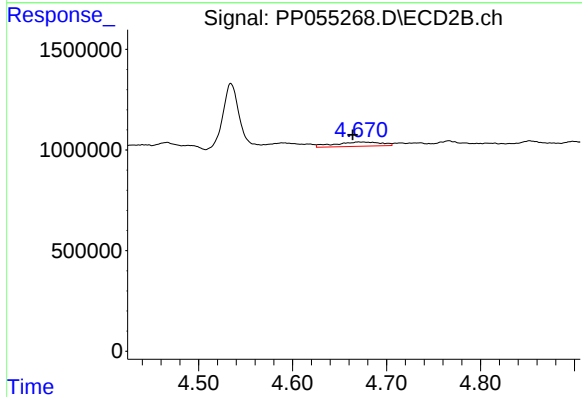
R.T.: 8.588 min
Delta R.T.: -0.010 min
Response: 18079584
Conc: 13.39 ng/ml



#3 AR-1016-1

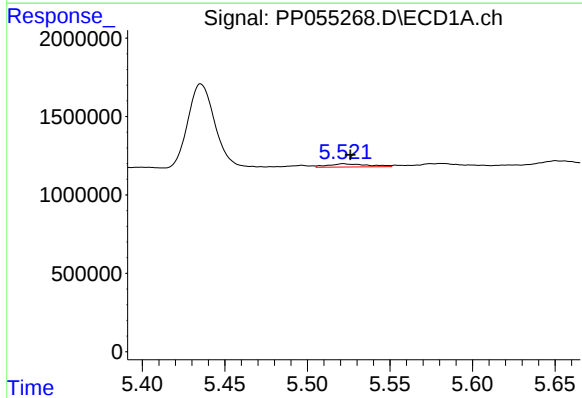
R.T.: 5.497 min
Delta R.T.: -0.007 min
Response: 140221
Conc: 2.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



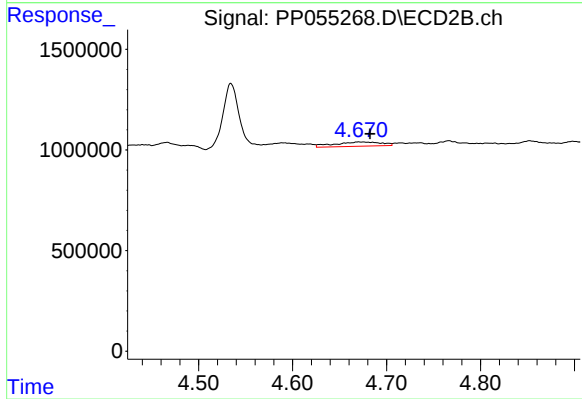
#3 AR-1016-1

R.T.: 4.670 min
Delta R.T.: 0.007 min
Response: 731284
Conc: 14.78 ng/ml



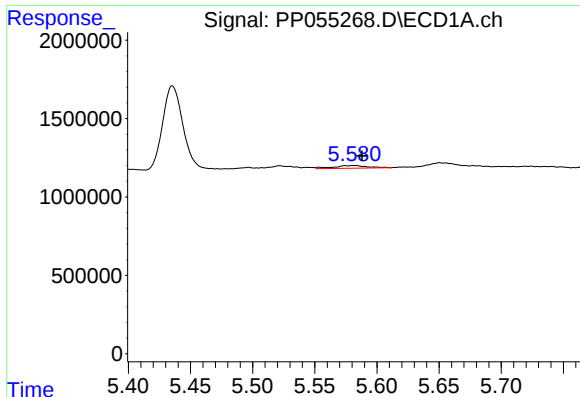
#4 AR-1016-2

R.T.: 5.522 min
Delta R.T.: -0.004 min
Response: 347019
Conc: 3.62 ng/ml



#4 AR-1016-2

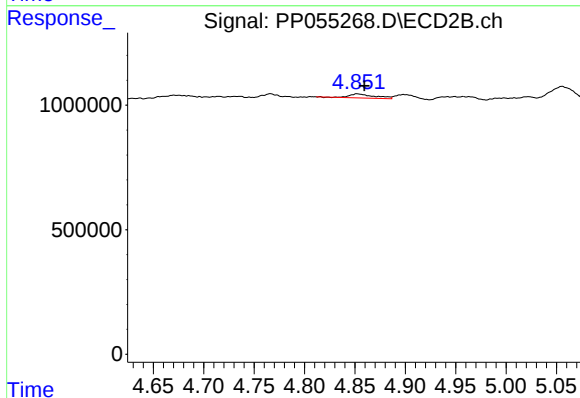
R.T.: 4.670 min
Delta R.T.: -0.012 min
Response: 731284
Conc: 10.56 ng/ml



#5 AR-1016-3

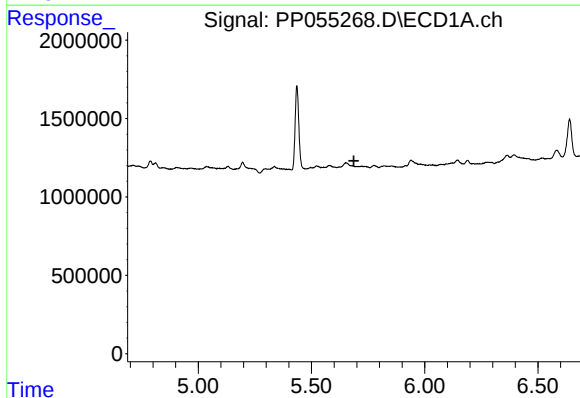
R.T.: 5.582 min
Delta R.T.: -0.007 min
Response: 321640
Conc: 5.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



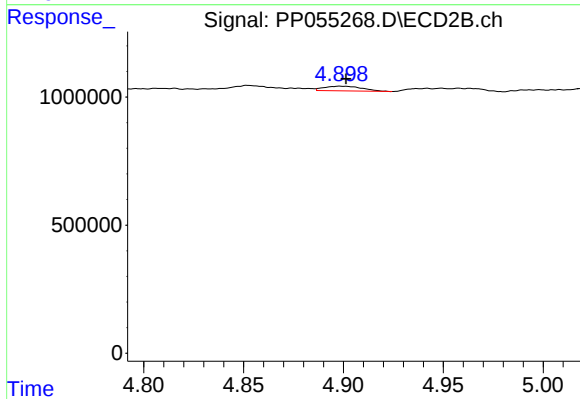
#5 AR-1016-3

R.T.: 4.852 min
Delta R.T.: -0.007 min
Response: 270150
Conc: 7.26 ng/ml



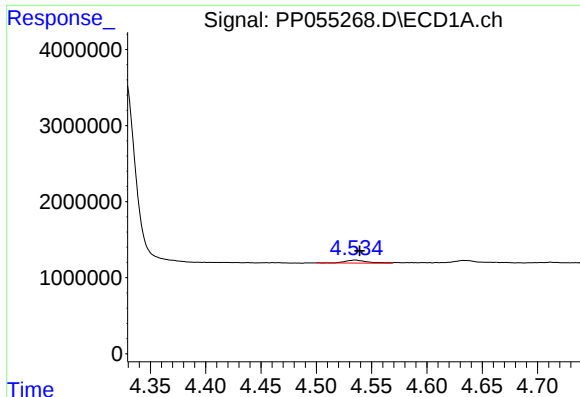
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.687 min
Response: 0
Conc: N.D.



#6 AR-1016-4

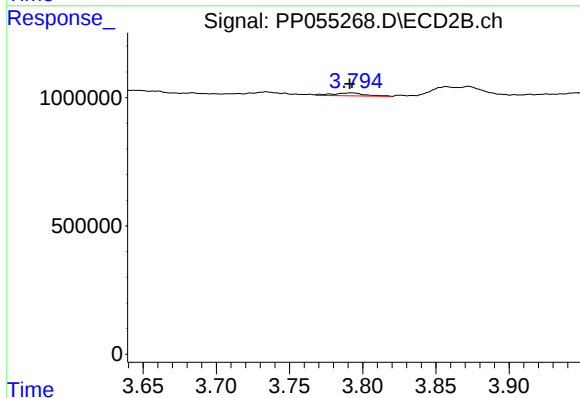
R.T.: 4.899 min
Delta R.T.: -0.003 min
Response: 237622
Conc: 7.56 ng/ml



#8 AR-1221-1

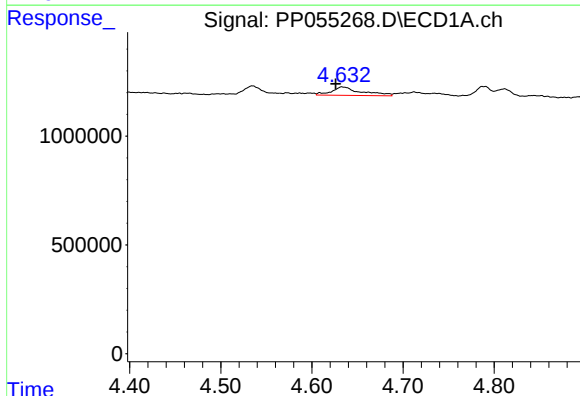
R.T.: 4.535 min
Delta R.T.: -0.004 min
Response: 536475
Conc: 22.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



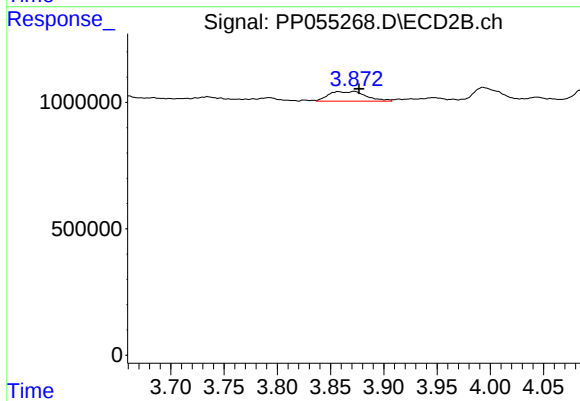
#8 AR-1221-1

R.T.: 3.792 min
Delta R.T.: 0.001 min
Response: 170728
Conc: 8.61 ng/ml



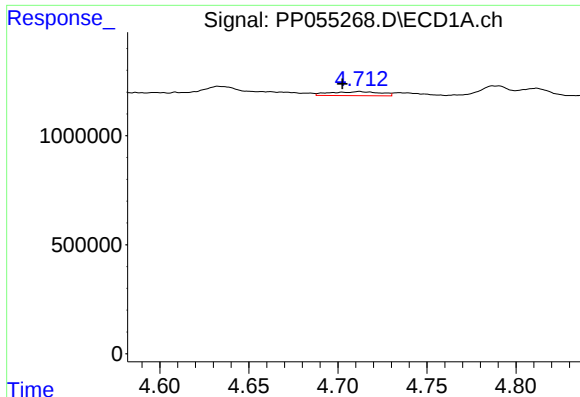
#9 AR-1221-2

R.T.: 4.633 min
Delta R.T.: 0.007 min
Response: 894616
Conc: 50.35 ng/ml



#9 AR-1221-2

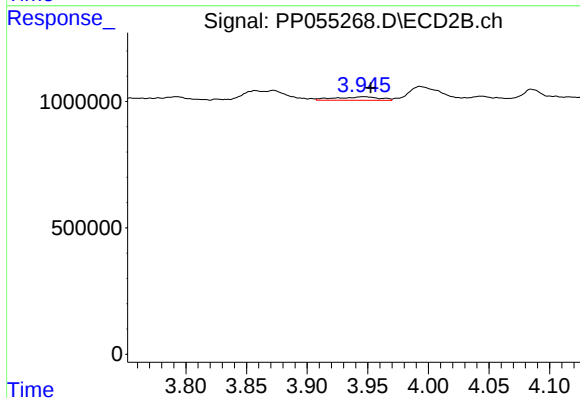
R.T.: 3.872 min
Delta R.T.: -0.005 min
Response: 933386
Conc: 62.97 ng/ml



#10 AR-1221-3

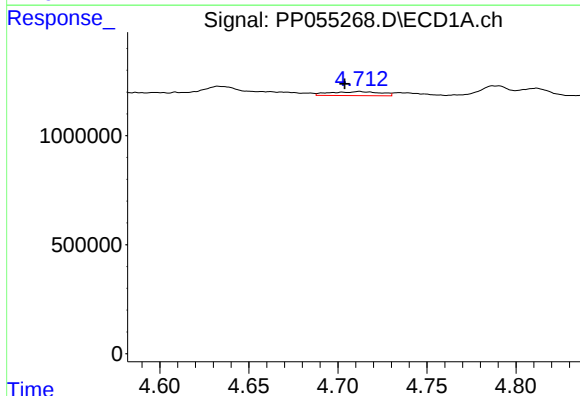
R.T.: 4.712 min
Delta R.T.: 0.010 min
Response: 357809
Conc: 6.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



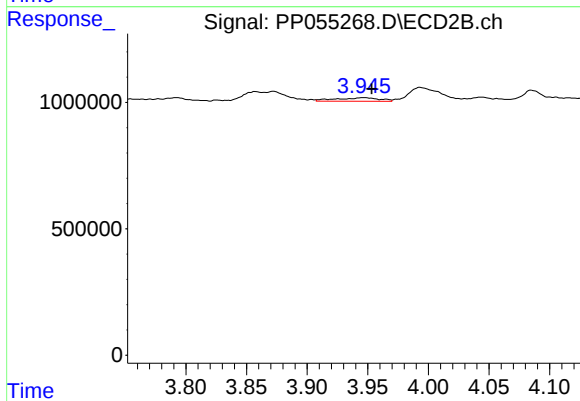
#10 AR-1221-3

R.T.: 3.947 min
Delta R.T.: -0.005 min
Response: 349017
Conc: 7.74 ng/ml



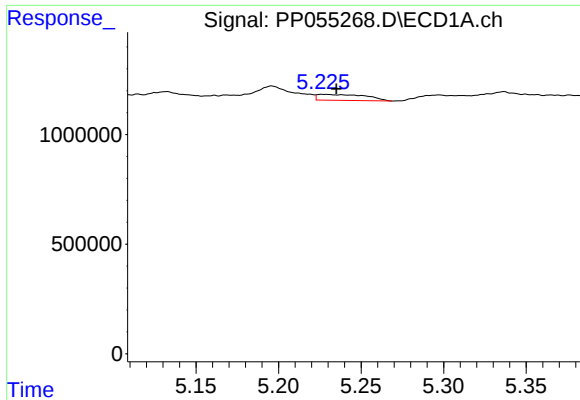
#11 AR-1232-1

R.T.: 4.712 min
Delta R.T.: 0.008 min
Response: 357809
Conc: 8.06 ng/ml



#11 AR-1232-1

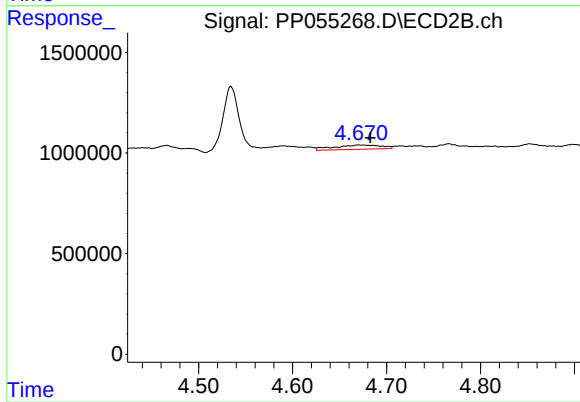
R.T.: 3.947 min
Delta R.T.: -0.006 min
Response: 349017
Conc: 9.47 ng/ml



#12 AR-1232-2

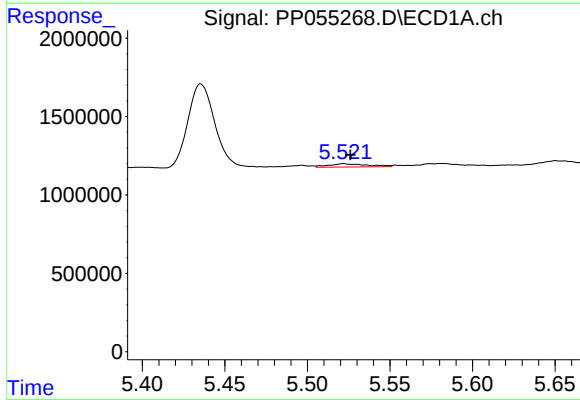
R.T.: 5.227 min
Delta R.T.: -0.008 min
Response: 551954
Conc: 24.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



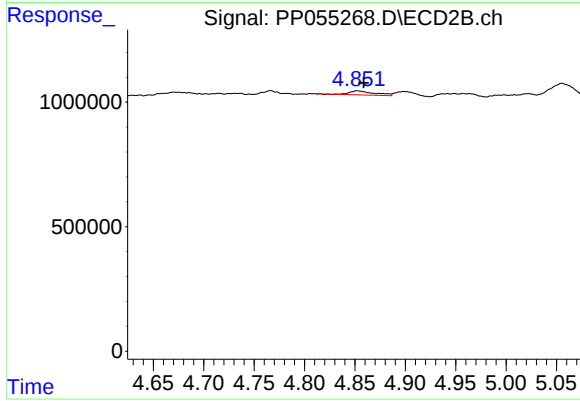
#12 AR-1232-2

R.T.: 4.670 min
Delta R.T.: -0.013 min
Response: 731284
Conc: 22.89 ng/ml



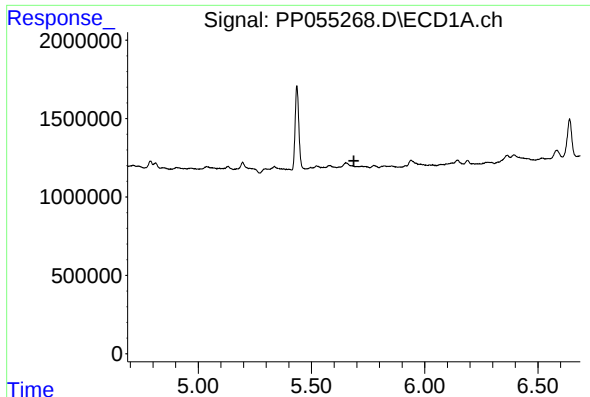
#13 AR-1232-3

R.T.: 5.522 min
Delta R.T.: -0.004 min
Response: 347019
Conc: 7.90 ng/ml



#13 AR-1232-3

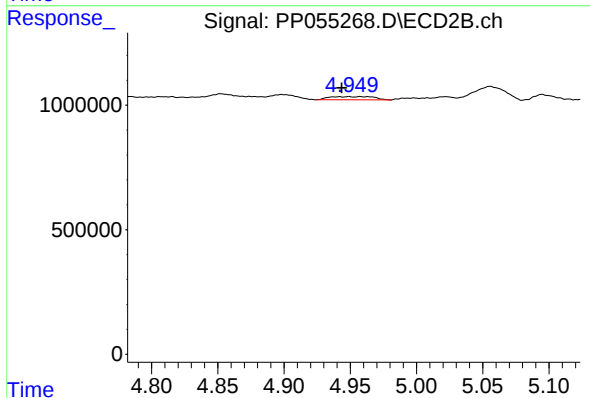
R.T.: 4.852 min
Delta R.T.: -0.007 min
Response: 270150
Conc: 16.20 ng/ml



#14 AR-1232-4

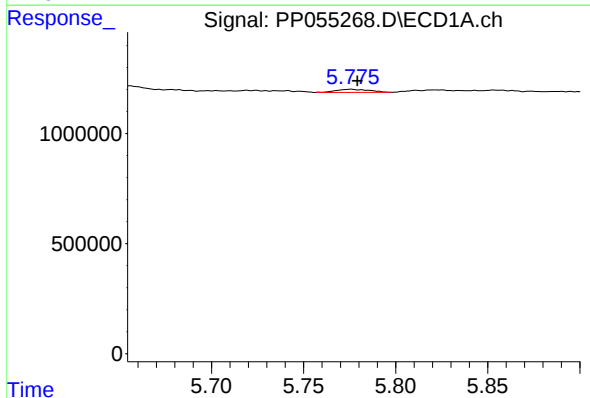
R.T.: 0.000 min
Exp R.T.: 5.687 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



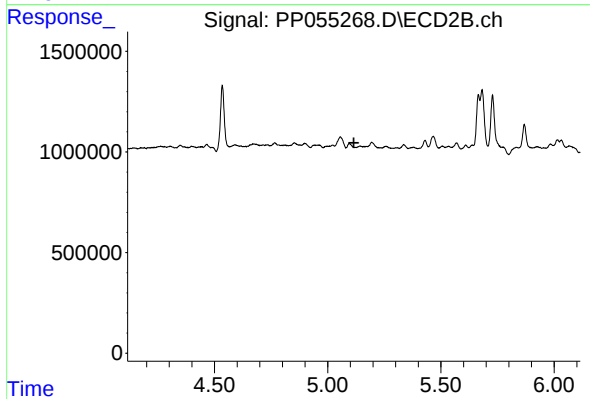
#14 AR-1232-4

R.T.: 4.949 min
Delta R.T.: 0.005 min
Response: 299799
Conc: 18.59 ng/ml



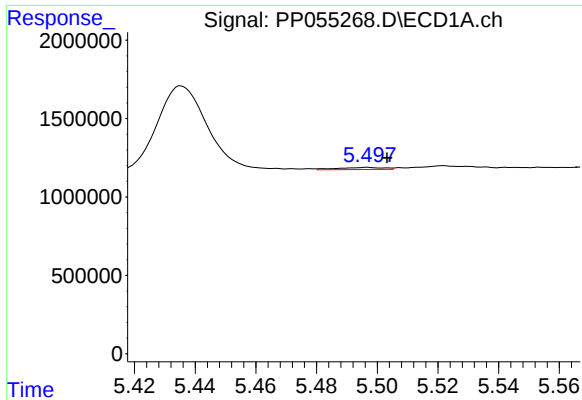
#15 AR-1232-5

R.T.: 5.776 min
Delta R.T.: -0.004 min
Response: 175468
Conc: 10.02 ng/ml



#15 AR-1232-5

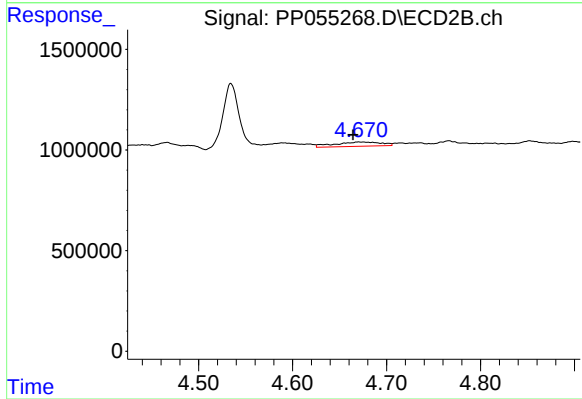
R.T.: 0.000 min
Exp R.T.: 5.115 min
Response: 0
Conc: N.D.



#16 AR-1242-1

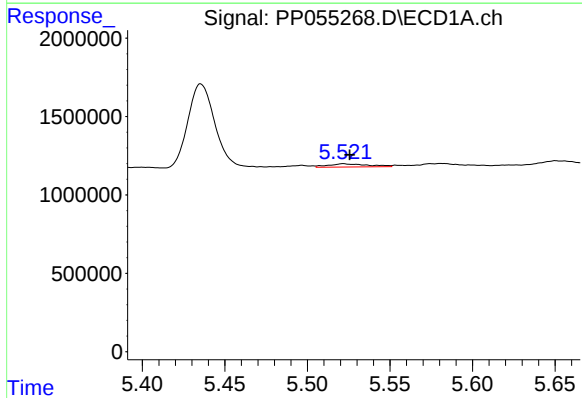
R.T.: 5.497 min
Delta R.T.: -0.006 min
Response: 140221
Conc: 2.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



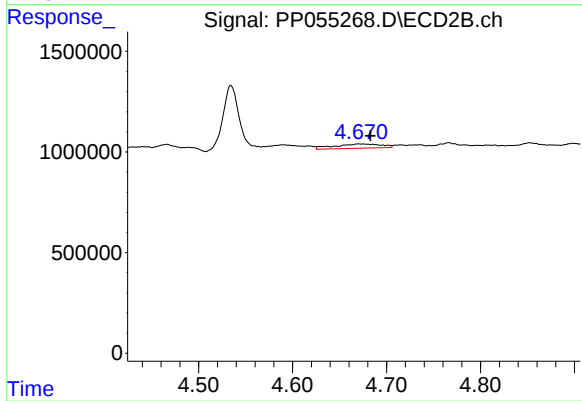
#16 AR-1242-1

R.T.: 4.670 min
Delta R.T.: 0.006 min
Response: 731284
Conc: 17.85 ng/ml



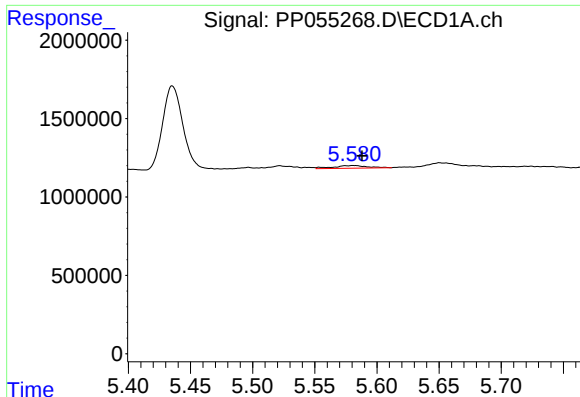
#17 AR-1242-2

R.T.: 5.522 min
Delta R.T.: -0.004 min
Response: 347019
Conc: 4.35 ng/ml



#17 AR-1242-2

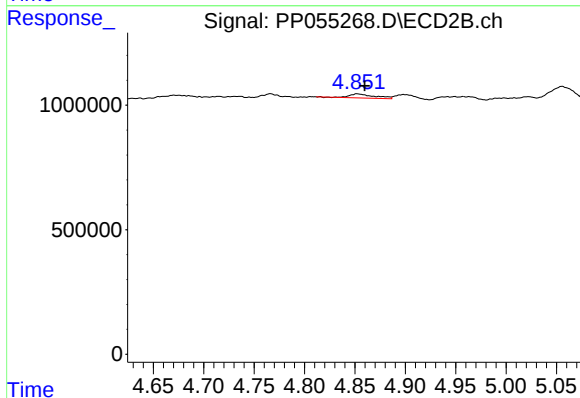
R.T.: 4.670 min
Delta R.T.: -0.012 min
Response: 731284
Conc: 12.81 ng/ml



#18 AR-1242-3

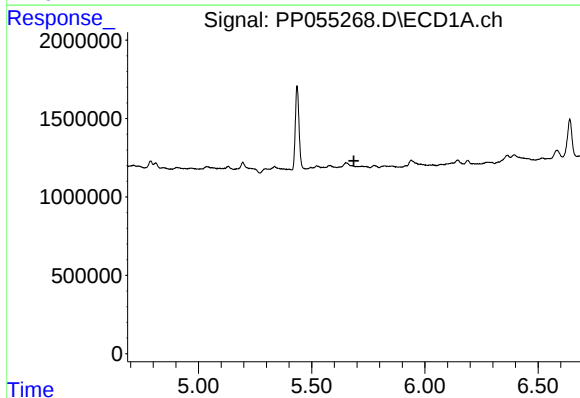
R.T.: 5.582 min
Delta R.T.: -0.007 min
Response: 321640
Conc: 6.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



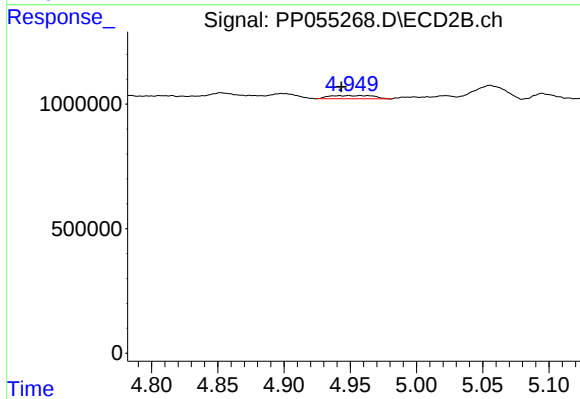
#18 AR-1242-3

R.T.: 4.852 min
Delta R.T.: -0.008 min
Response: 270150
Conc: 8.75 ng/ml



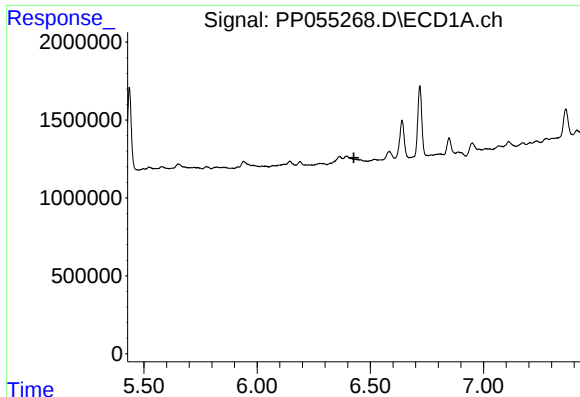
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.687 min
Response: 0
Conc: N.D.



#19 AR-1242-4

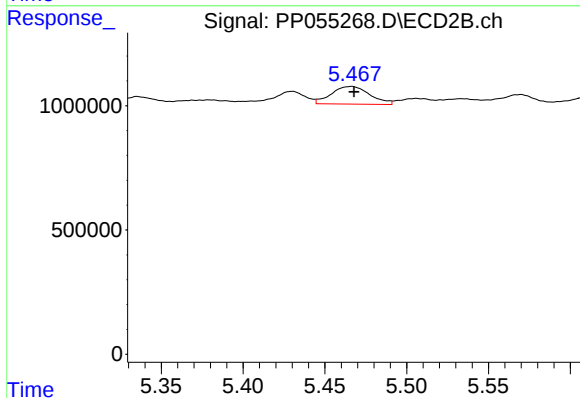
R.T.: 4.949 min
Delta R.T.: 0.006 min
Response: 299799
Conc: 9.23 ng/ml



#20 AR-1242-5

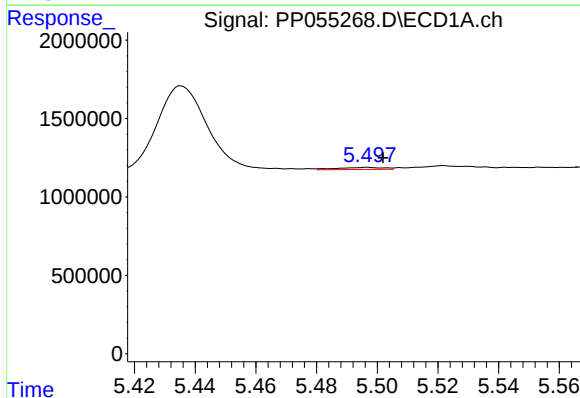
R.T.: 0.000 min
Exp R.T.: 6.427 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



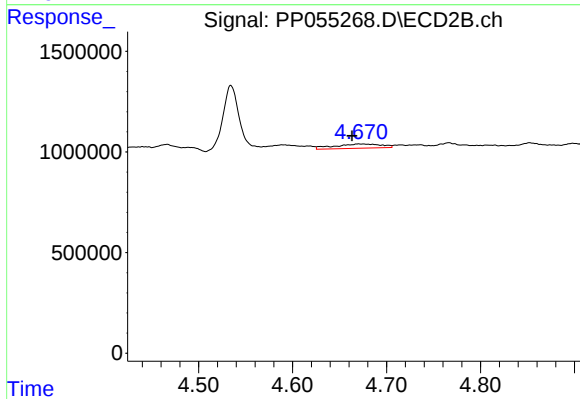
#20 AR-1242-5

R.T.: 5.466 min
Delta R.T.: -0.002 min
Response: 1165273
Conc: 31.18 ng/ml



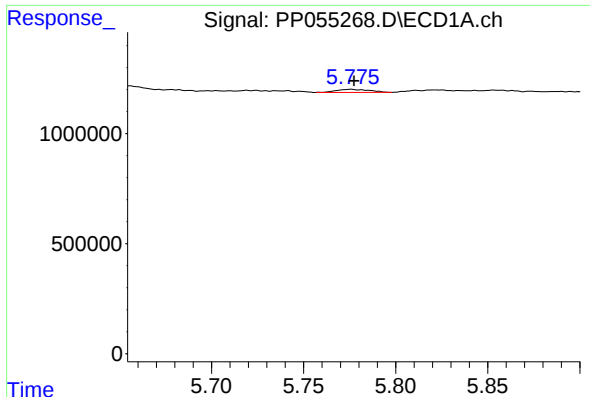
#21 AR-1248-1

R.T.: 5.497 min
Delta R.T.: -0.005 min
Response: 140221
Conc: 3.36 ng/ml



#21 AR-1248-1

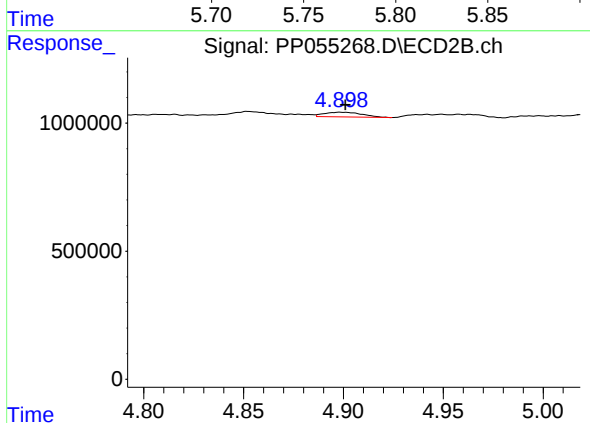
R.T.: 4.670 min
Delta R.T.: 0.007 min
Response: 731284
Conc: 23.59 ng/ml



#22 AR-1248-2

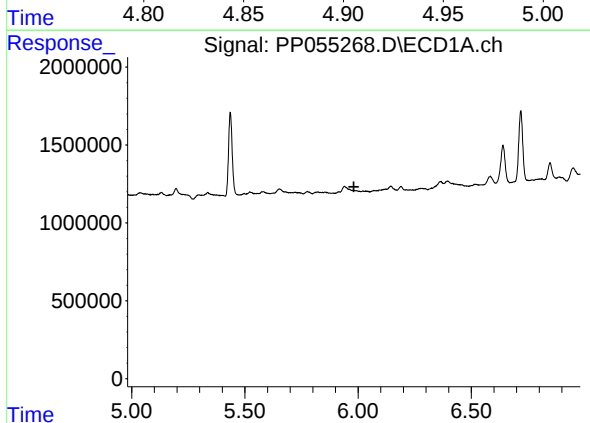
R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 175468
Conc: 2.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



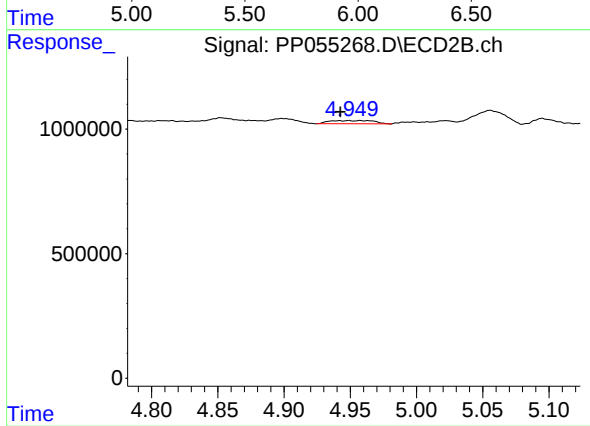
#22 AR-1248-2

R.T.: 4.899 min
Delta R.T.: -0.002 min
Response: 237622
Conc: 5.20 ng/ml



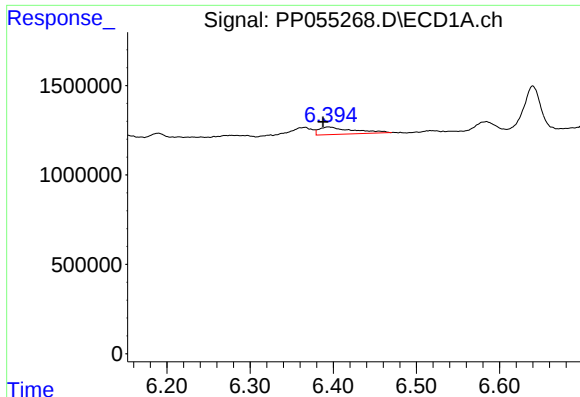
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.982 min
Response: 0
Conc: N.D.



#23 AR-1248-3

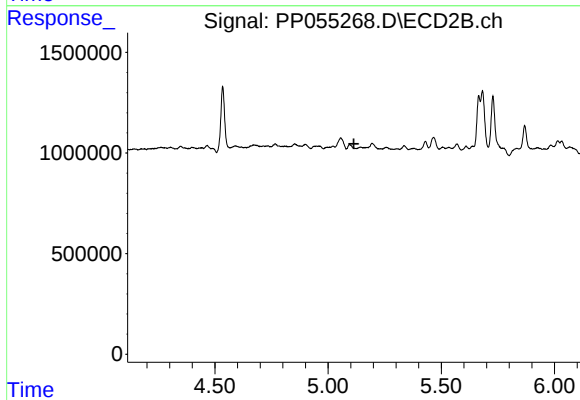
R.T.: 4.949 min
Delta R.T.: 0.007 min
Response: 299799
Conc: 6.29 ng/ml



#24 AR-1248-4

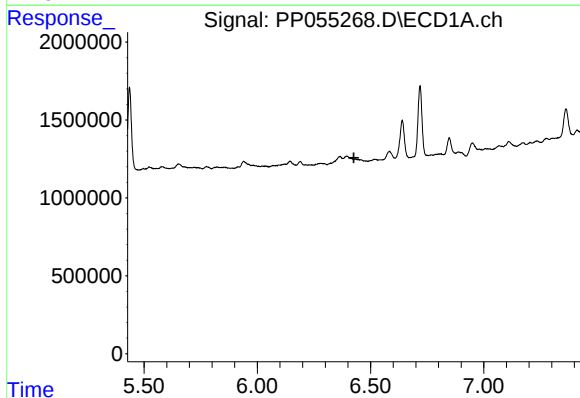
R.T.: 6.394 min
Delta R.T.: 0.007 min
Response: 1170273
Conc: 15.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



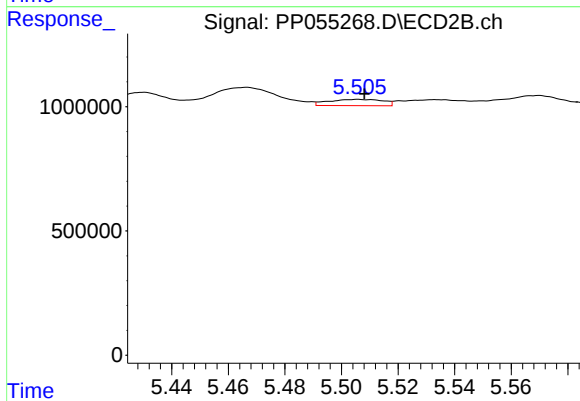
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.114 min
Response: 0
Conc: N.D.



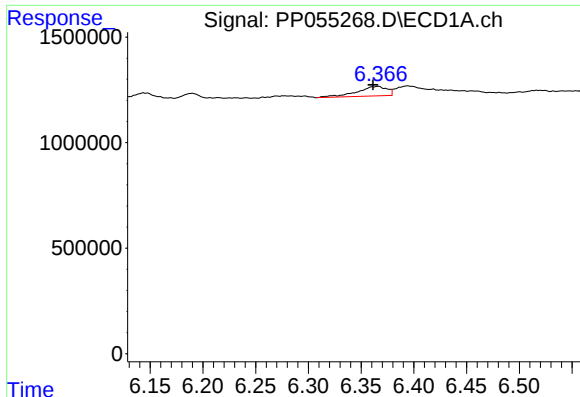
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.427 min
Response: 0
Conc: N.D.



#25 AR-1248-5

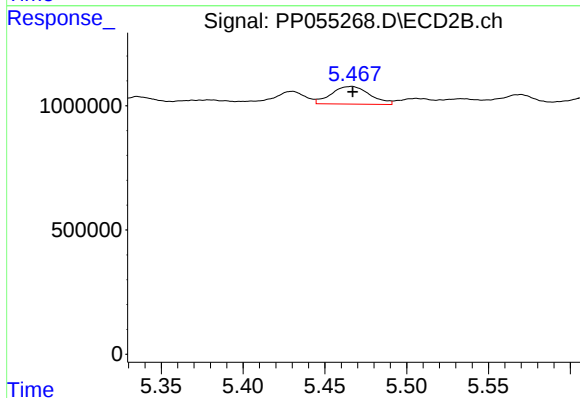
R.T.: 5.506 min
Delta R.T.: -0.002 min
Response: 337435
Conc: 6.86 ng/ml



#26 AR-1254-1

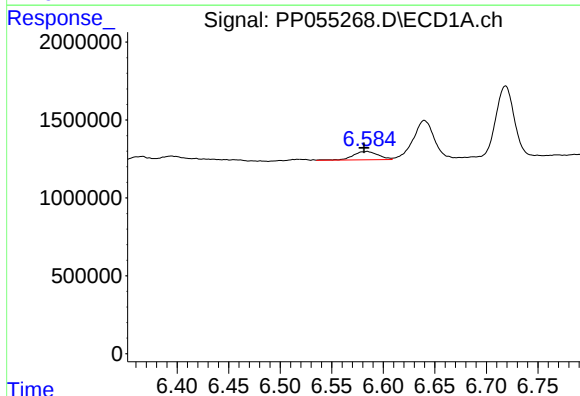
R.T.: 6.366 min
Delta R.T.: 0.005 min
Response: 902671
Conc: 11.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



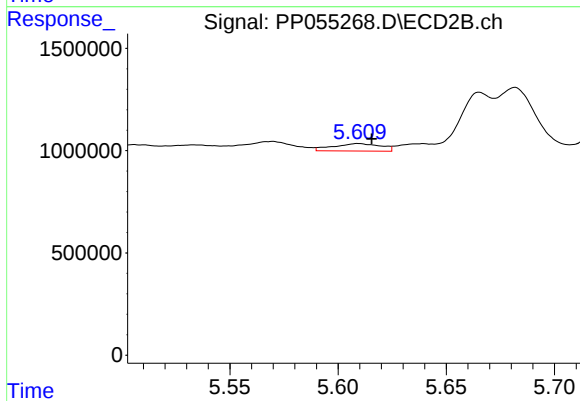
#26 AR-1254-1

R.T.: 5.466 min
Delta R.T.: 0.000 min
Response: 1165273
Conc: 14.43 ng/ml



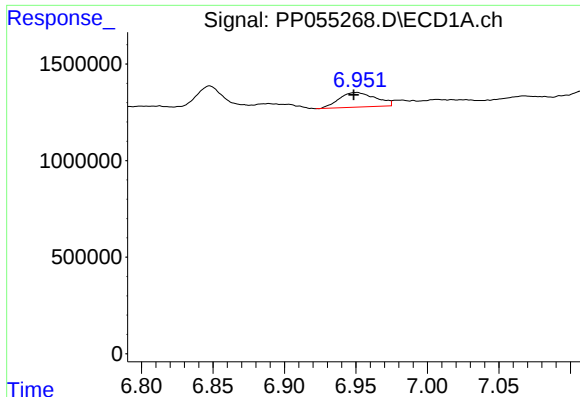
#27 AR-1254-2

R.T.: 6.584 min
Delta R.T.: 0.003 min
Response: 906850
Conc: 7.49 ng/ml



#27 AR-1254-2

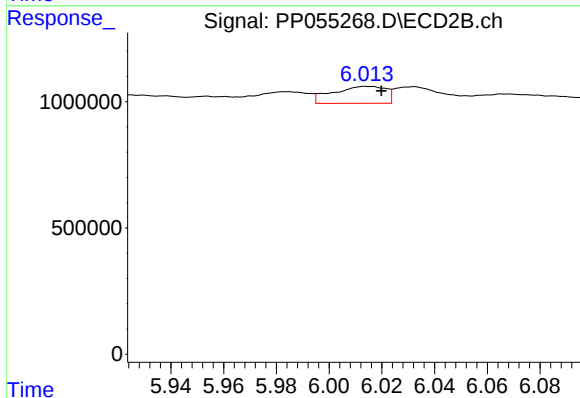
R.T.: 5.609 min
Delta R.T.: -0.006 min
Response: 558855
Conc: 7.81 ng/ml



#28 AR-1254-3

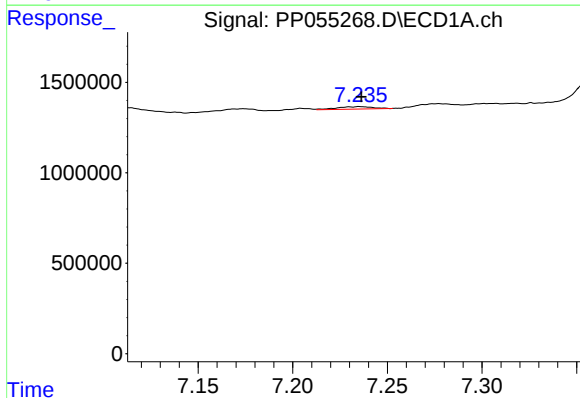
R.T.: 6.950 min
Delta R.T.: 0.002 min
Response: 1345284
Conc: 10.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



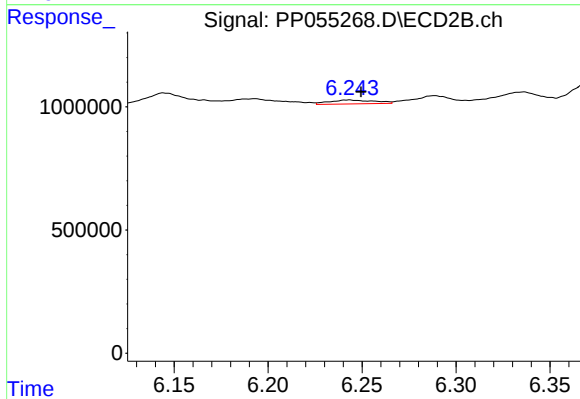
#28 AR-1254-3

R.T.: 6.015 min
Delta R.T.: -0.005 min
Response: 933361
Conc: 8.38 ng/ml



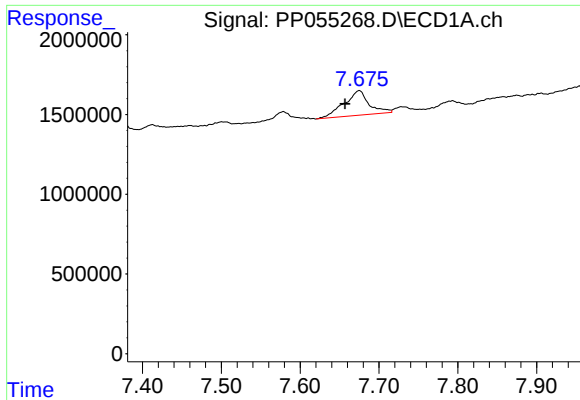
#29 AR-1254-4

R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 180854
Conc: 2.05 ng/ml



#29 AR-1254-4

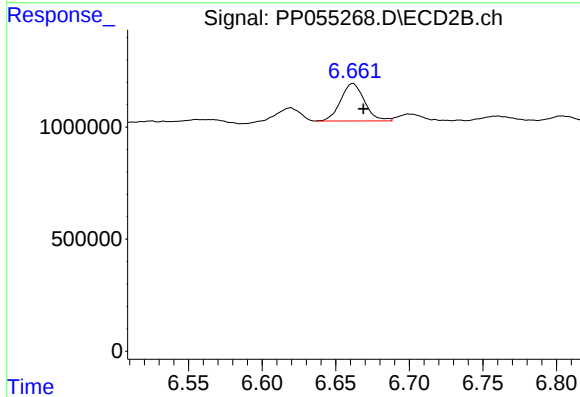
R.T.: 6.243 min
Delta R.T.: -0.007 min
Response: 262246
Conc: 4.26 ng/ml



#30 AR-1254-5

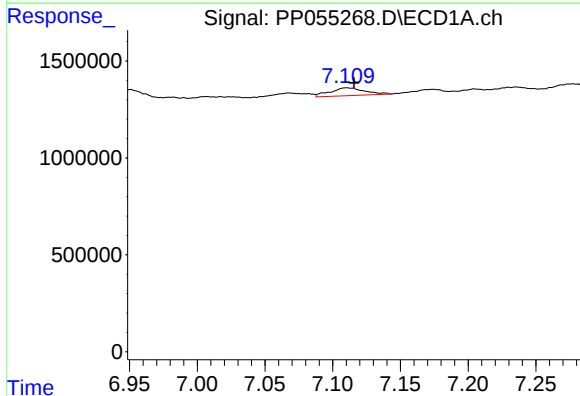
R.T.: 7.675 min
Delta R.T.: 0.018 min
Response: 3390023
Conc: 33.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



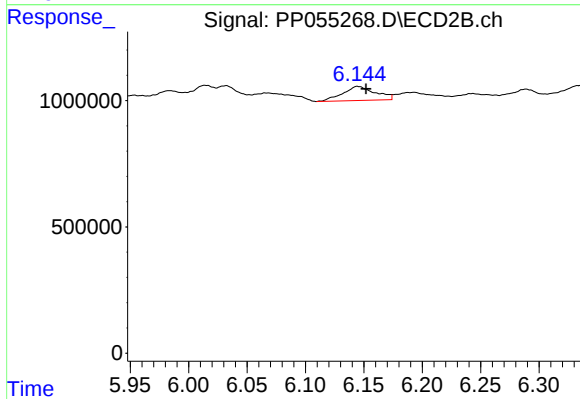
#30 AR-1254-5

R.T.: 6.662 min
Delta R.T.: -0.007 min
Response: 1890511
Conc: 19.94 ng/ml



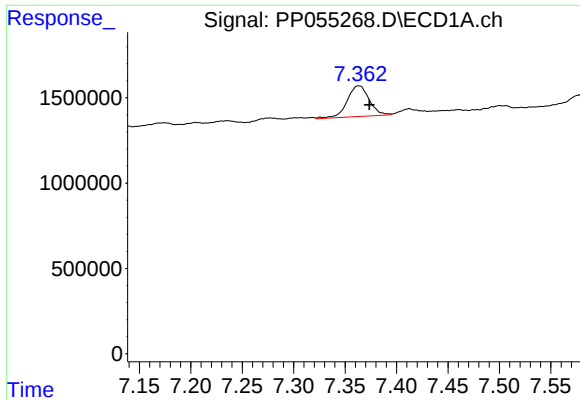
#31 AR-1260-1

R.T.: 7.110 min
Delta R.T.: -0.006 min
Response: 719952
Conc: 7.55 ng/ml



#31 AR-1260-1

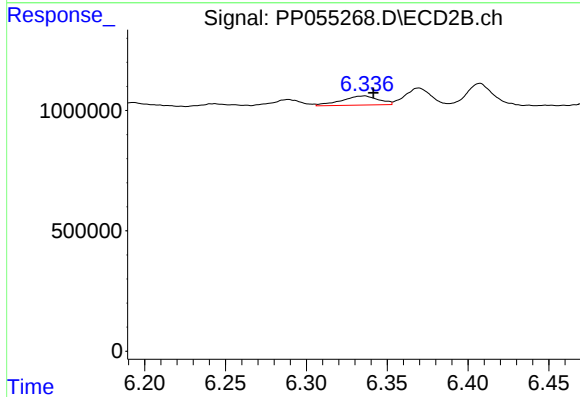
R.T.: 6.145 min
Delta R.T.: -0.007 min
Response: 1078986
Conc: 13.91 ng/ml



#32 AR-1260-2

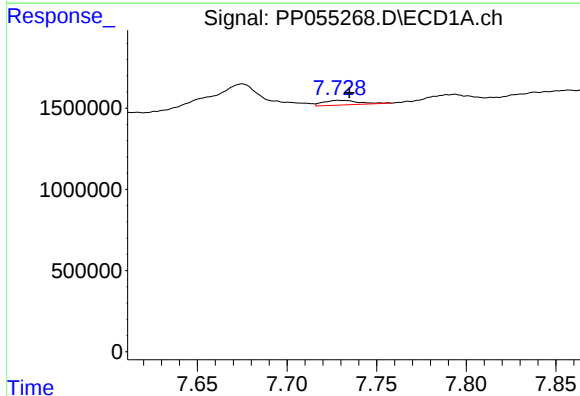
R.T.: 7.363 min
Delta R.T.: -0.010 min
Response: 2674731
Conc: 23.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



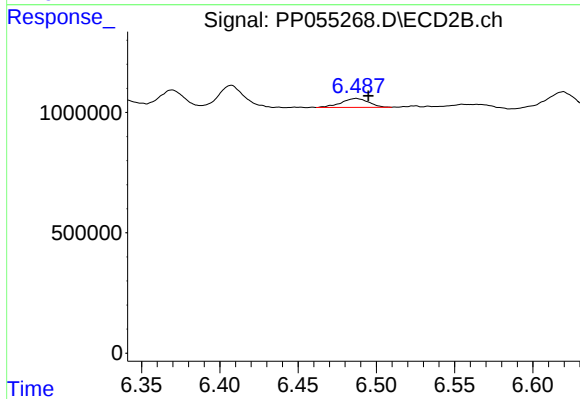
#32 AR-1260-2

R.T.: 6.336 min
Delta R.T.: -0.006 min
Response: 610253
Conc: 6.79 ng/ml



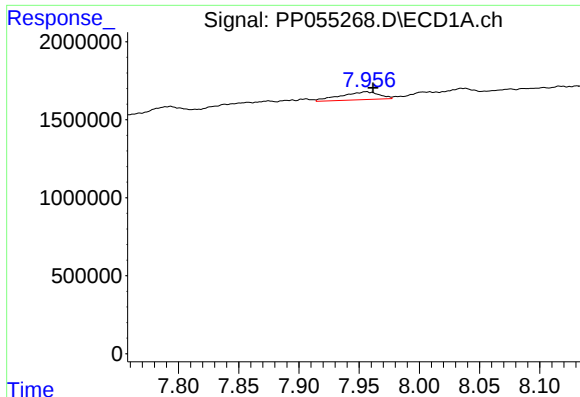
#33 AR-1260-3

R.T.: 7.729 min
Delta R.T.: -0.006 min
Response: 397099
Conc: 4.93 ng/ml



#33 AR-1260-3

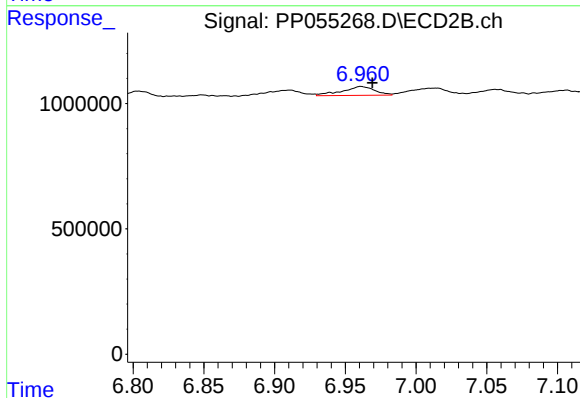
R.T.: 6.487 min
Delta R.T.: -0.008 min
Response: 449288
Conc: 5.29 ng/ml



#34 AR-1260-4

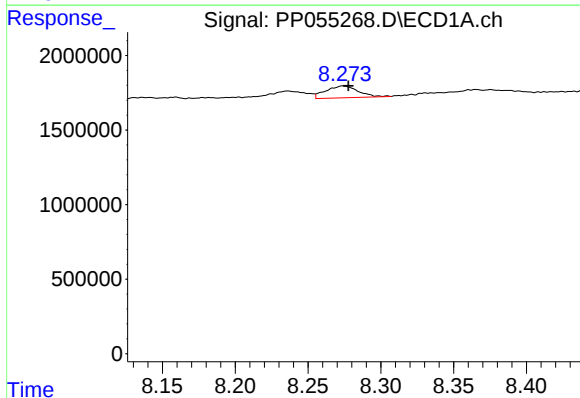
R.T.: 7.956 min
Delta R.T.: -0.006 min
Response: 1137869
Conc: 11.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



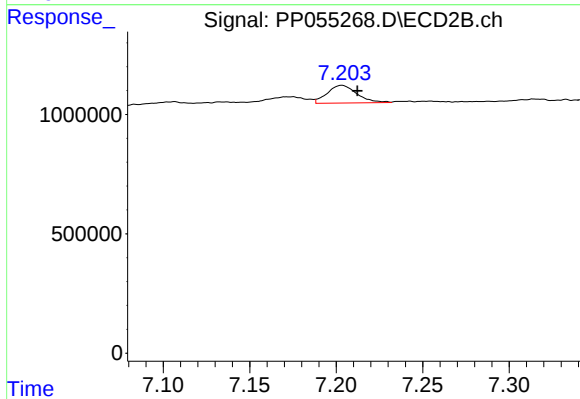
#34 AR-1260-4

R.T.: 6.961 min
Delta R.T.: -0.008 min
Response: 562025
Conc: 7.85 ng/ml



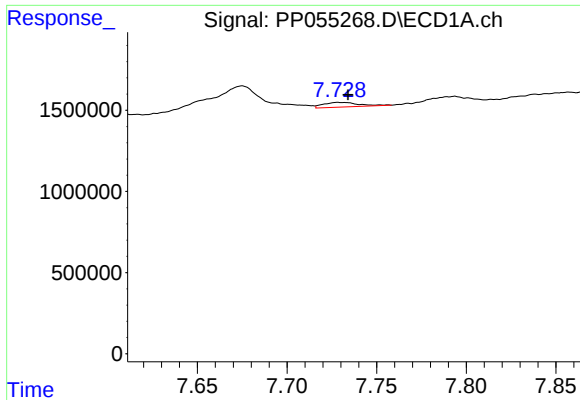
#35 AR-1260-5

R.T.: 8.274 min
Delta R.T.: -0.004 min
Response: 1229679
Conc: 6.91 ng/ml



#35 AR-1260-5

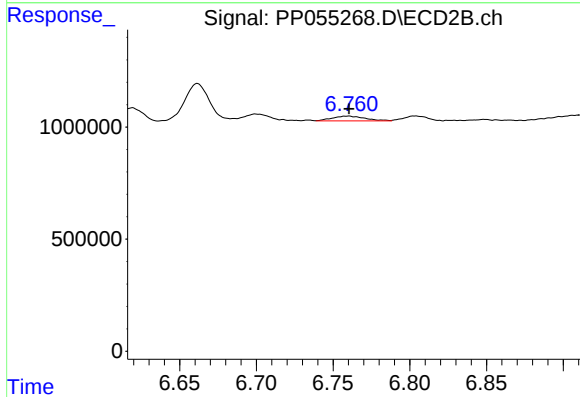
R.T.: 7.203 min
Delta R.T.: -0.009 min
Response: 890728
Conc: 5.79 ng/ml



#36 AR-1262-1

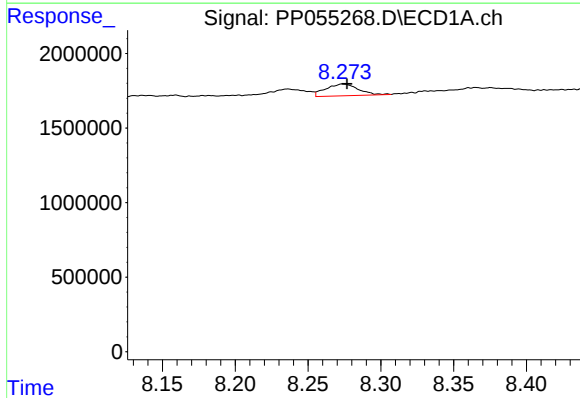
R.T.: 7.729 min
Delta R.T.: -0.005 min
Response: 397099
Conc: 3.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



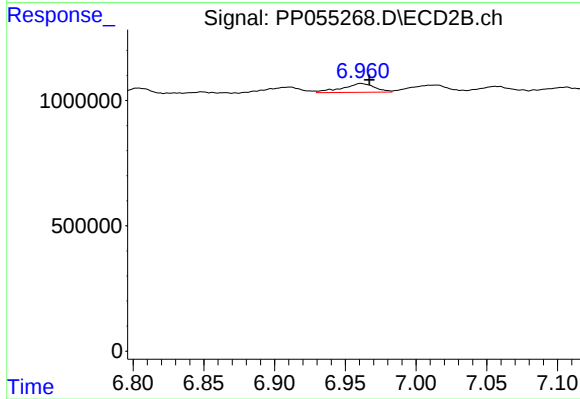
#36 AR-1262-1

R.T.: 6.759 min
Delta R.T.: 0.000 min
Response: 318427
Conc: 7.41 ng/ml



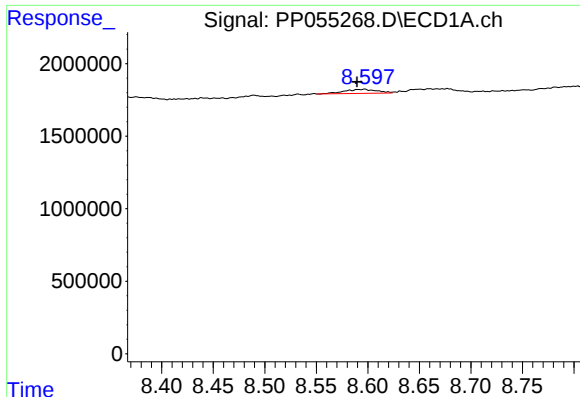
#37 AR-1262-2

R.T.: 8.274 min
Delta R.T.: -0.003 min
Response: 1229679
Conc: 6.11 ng/ml



#37 AR-1262-2

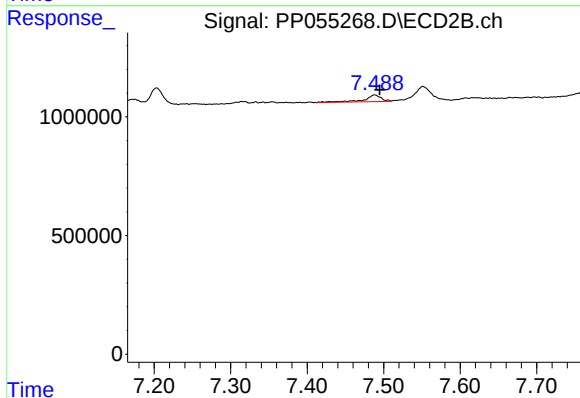
R.T.: 6.961 min
Delta R.T.: -0.006 min
Response: 562025
Conc: 6.07 ng/ml



#38 AR-1262-3

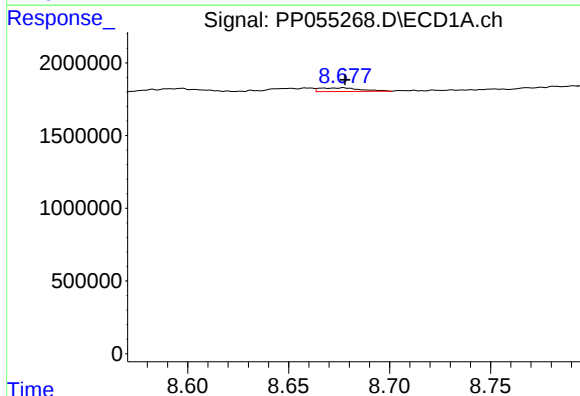
R.T.: 8.597 min
Delta R.T.: 0.007 min
Response: 604572
Conc: 4.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



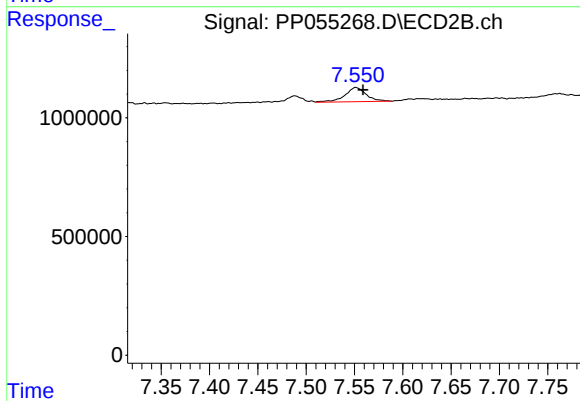
#38 AR-1262-3

R.T.: 7.488 min
Delta R.T.: -0.007 min
Response: 425688
Conc: 5.84 ng/ml



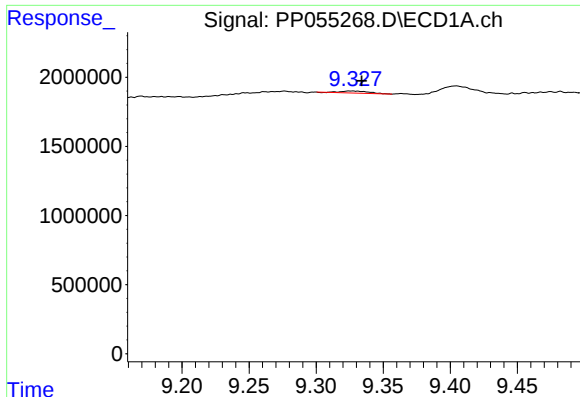
#39 AR-1262-4

R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 355854
Conc: 4.63 ng/ml



#39 AR-1262-4

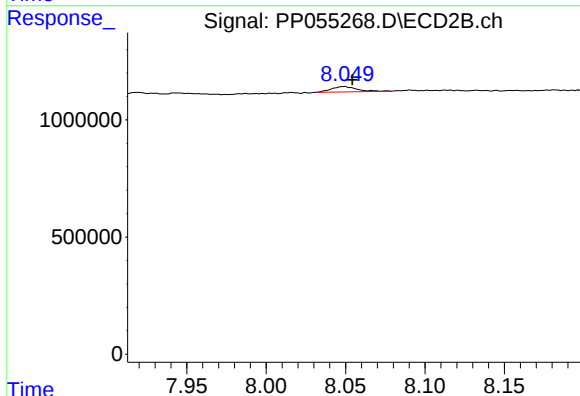
R.T.: 7.551 min
Delta R.T.: -0.007 min
Response: 914613
Conc: 6.99 ng/ml



#40 AR-1262-5

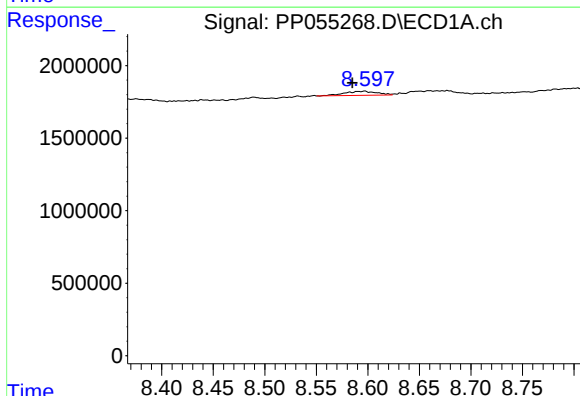
R.T.: 9.326 min
Delta R.T.: -0.008 min
Response: 220824
Conc: 3.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



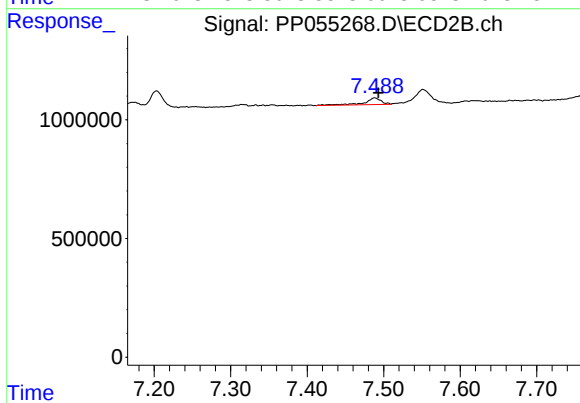
#40 AR-1262-5

R.T.: 8.049 min
Delta R.T.: -0.005 min
Response: 258228
Conc: 4.35 ng/ml



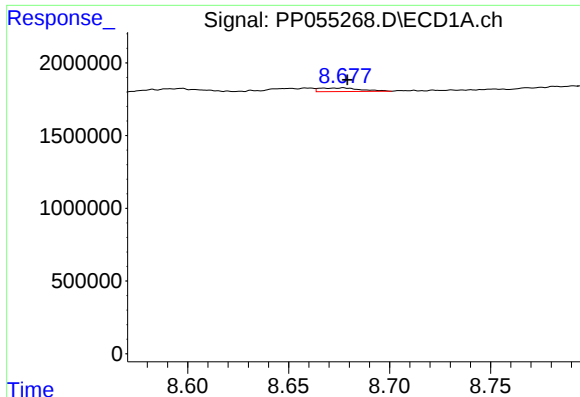
#41 AR-1268-1

R.T.: 8.597 min
Delta R.T.: 0.012 min
Response: 604572
Conc: 2.47 ng/ml



#41 AR-1268-1

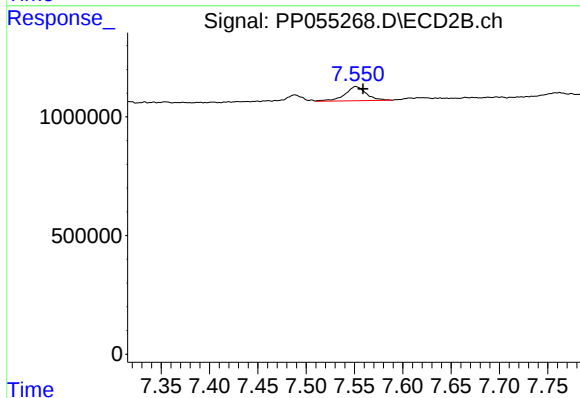
R.T.: 7.488 min
Delta R.T.: -0.005 min
Response: 425688
Conc: 1.97 ng/ml



#42 AR-1268-2

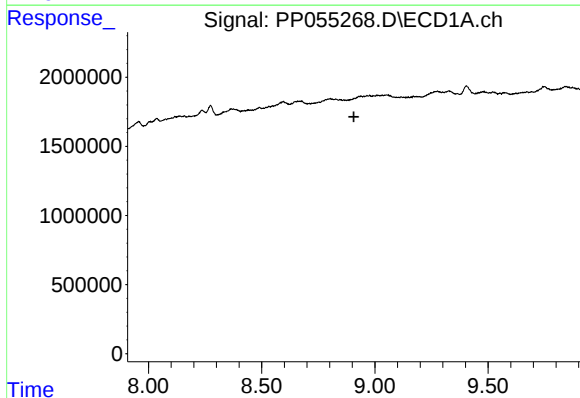
R.T.: 8.677 min
Delta R.T.: -0.002 min
Response: 355854
Conc: 1.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



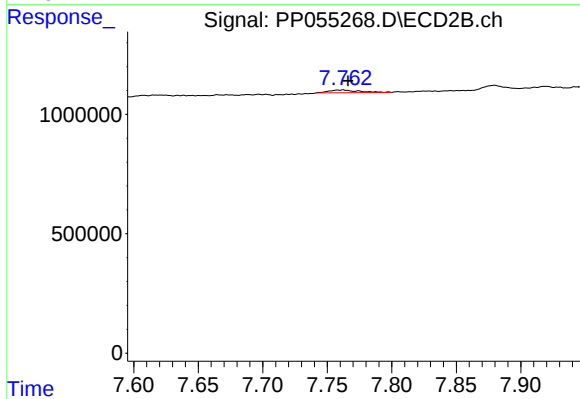
#42 AR-1268-2

R.T.: 7.551 min
Delta R.T.: -0.007 min
Response: 914613
Conc: 4.69 ng/ml



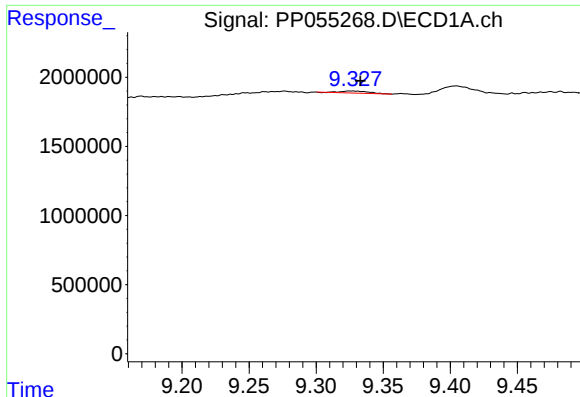
#43 AR-1268-3

R.T.: 8.910 min
Delta R.T.: 0.003 min
Response: -35561
Conc: N.D.



#43 AR-1268-3

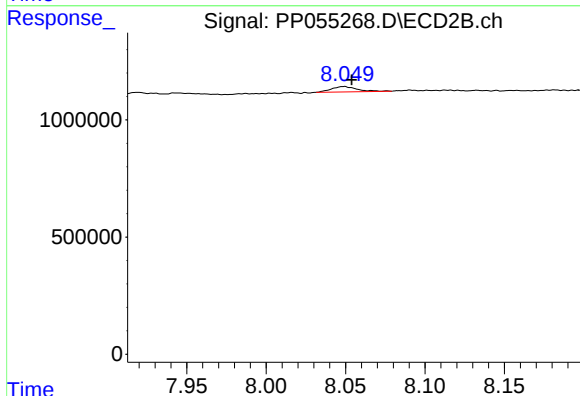
R.T.: 7.762 min
Delta R.T.: -0.004 min
Response: 187280
Conc: 1.09 ng/ml



#44 AR-1268-4

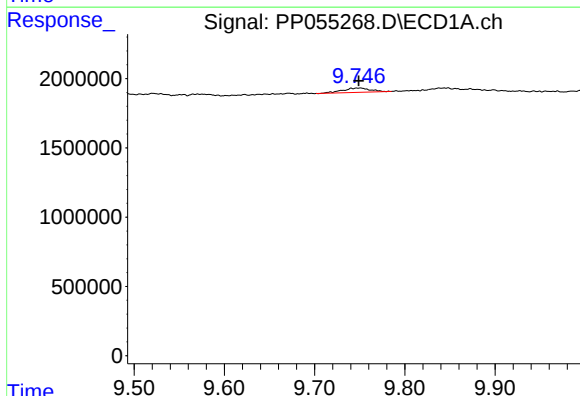
R.T.: 9.326 min
Delta R.T.: -0.007 min
Response: 220824
Conc: 2.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



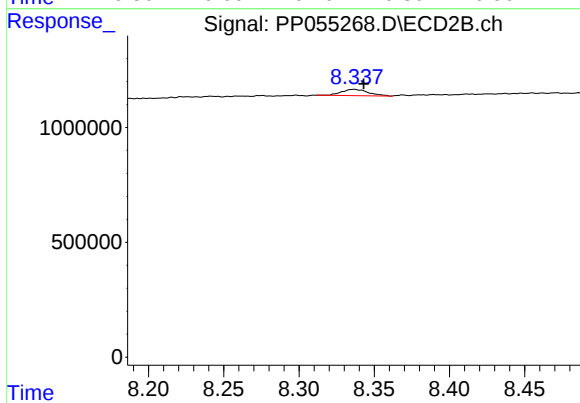
#44 AR-1268-4

R.T.: 8.049 min
Delta R.T.: -0.005 min
Response: 258228
Conc: 4.05 ng/ml



#45 AR-1268-5

R.T.: 9.750 min
Delta R.T.: 0.001 min
Response: 679972
Conc: 1.07 ng/ml



#45 AR-1268-5

R.T.: 8.336 min
Delta R.T.: -0.007 min
Response: 342387
Conc: 0.65 ng/ml