

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP020223\
 Data File : PP055256.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Feb 2023 14:09
 Operator : YP\AJ
 Sample : 01386-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 02 23:46:36 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	33711201	29863674	19.388	19.893
2)	SA Decachlor...	10.081	8.586	32747344	27554334	18.911	20.402
Target Compounds							
3)	L1 AR-1016-1	5.497	4.662	651921	2334903	9.700	47.176 #
4)	L1 AR-1016-2	5.521	4.662f	952719	2334903	9.942	33.732 #
5)	L1 AR-1016-3	5.578	4.851	437772	446738	7.319	12.010 #
6)	L1 AR-1016-4	5.684	4.900	230978	805782	4.820	25.644 #
7)	L1 AR-1016-5	5.976	0.000	716371	0	14.137	N.D. #
8)	L2 AR-1221-1	4.534	3.789	221770	554623	9.431	27.973 #
9)	L2 AR-1221-2	4.635	3.872	960132	2503879	54.040	168.926 #
10)	L2 AR-1221-3	4.714	3.948	712553	625700	13.242	13.869
11)	L3 AR-1232-1	4.714	3.948	712553	625700	16.055	16.975
12)	L3 AR-1232-2	5.239	4.662f	2391203	2334903	105.736	73.097 #
13)	L3 AR-1232-3	5.521	4.851	952719	446738	21.693	26.797
14)	L3 AR-1232-4	5.684	4.956	230978	907711	10.435	56.288 #
15)	L3 AR-1232-5	5.778	0.000	545143	0	31.138	N.D. #
16)	L4 AR-1242-1	5.497	4.662	651921	2334903	11.644	57.001 #
17)	L4 AR-1242-2	5.521	4.662f	952719	2334903	11.934	40.891 #
18)	L4 AR-1242-3	5.578	4.851	437772	446738	8.815	14.473 #
19)	L4 AR-1242-4	5.684	4.956	230978	907711	5.763	27.941 #
20)	L4 AR-1242-5	6.434	5.464	450345	1176539	10.128	31.482 #
21)	L5 AR-1248-1	5.497	4.662	651921	2334903	15.632	75.312 #
22)	L5 AR-1248-2	5.778	4.900	545143	805782	8.575	17.621 #
23)	L5 AR-1248-3	5.976	4.956	716371	907711	10.358	19.040 #
24)	L5 AR-1248-4	6.392	0.000	259371	0	3.420	N.D. #
25)	L5 AR-1248-5	6.434	5.509	450345	698320	6.103	14.202 #
26)	L6 AR-1254-1	6.355	5.464	310124	1176539	3.931	14.569 #
27)	L6 AR-1254-2	6.578	5.609	2173046	1041506	17.956	14.554
28)	L6 AR-1254-3	6.940	6.006	12074432	3704321	98.575	33.250 #
29)	L6 AR-1254-4	7.228	0.000	238428	0	2.706	N.D. #
30)	L6 AR-1254-5	7.673f	6.660	3020518	1254671	29.859	13.234 #
31)	L7 AR-1260-1	7.101	6.143	1954558	2488573	20.504	32.092 #
32)	L7 AR-1260-2	7.359f	6.344	1072675	2108729	9.531	23.457 #
33)	L7 AR-1260-3	7.730	6.488	525921	532600	6.532	6.272
34)	L7 AR-1260-4	7.958	6.958	1155641	323917	11.904	4.524 #
35)	L7 AR-1260-5	8.273	7.202	977768	938044	5.498	6.102
36)	L8 AR-1262-1	7.730	6.759	525921	482782	4.458	11.238 #
37)	L8 AR-1262-2	8.273	6.958	977768	323917	4.855	3.497 #
38)	L8 AR-1262-3	8.586	7.486	83491	885217	0.600	12.150 #
39)	L8 AR-1262-4	8.677	7.551	457422	1015073	5.950	7.762 #
40)	L8 AR-1262-5	9.323	8.047	172301	142624	2.409	2.404
41)	L9 AR-1268-1	8.586	7.486	83491	885217	0.342	4.094 #

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 Misc :
 ALS Vial : 16 Sample Multiplier: 1

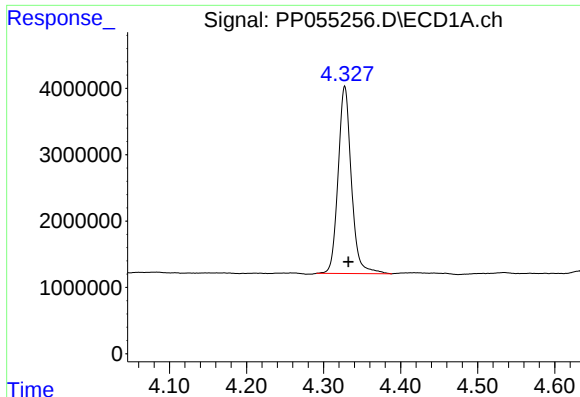
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 02 23:46:36 2023
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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
42) L9	AR-1268-2	8.677	7.551	457422	1015073	2.014	5.202 #
43) L9	AR-1268-3	8.905	7.754	67674	249090	0.339	1.450 #
44) L9	AR-1268-4	9.323	8.047	172301	142624	2.194	2.236
45) L9	AR-1268-5	9.747	8.336	422701	407518	0.664	0.774

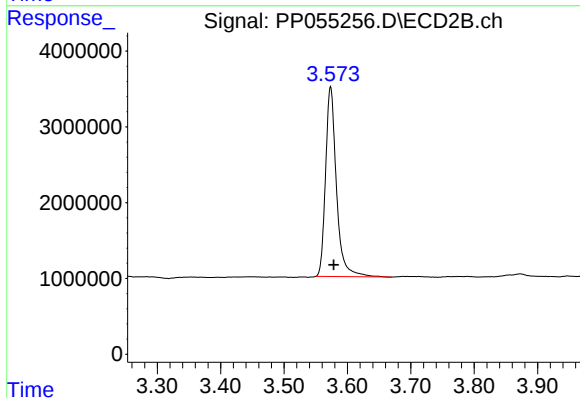
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

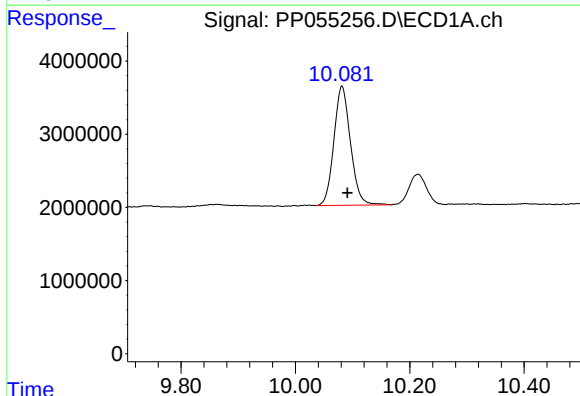
R.T.: 4.328 min
Delta R.T.: -0.004 min
Response: 33711201
Conc: 19.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



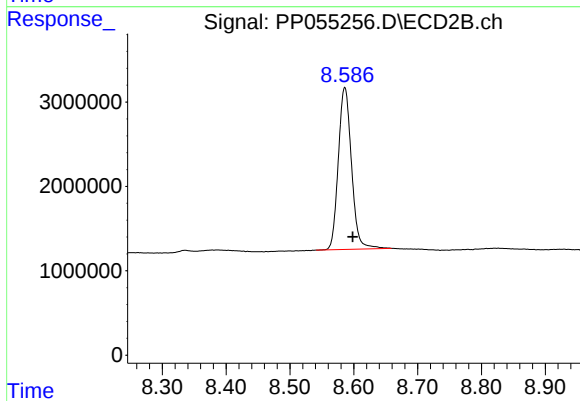
#1 Tetrachloro-m-xylene

R.T.: 3.574 min
Delta R.T.: -0.005 min
Response: 29863674
Conc: 19.89 ng/ml



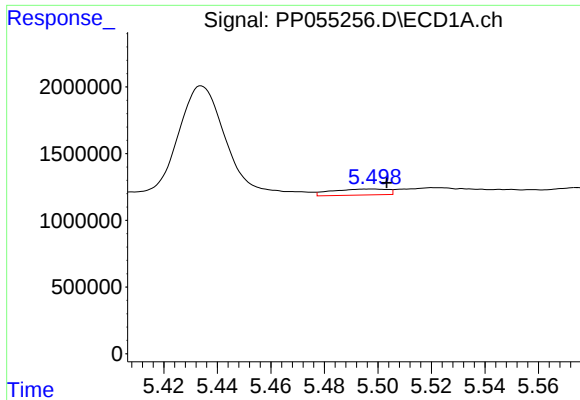
#2 Decachlorobiphenyl

R.T.: 10.081 min
Delta R.T.: -0.010 min
Response: 32747344
Conc: 18.91 ng/ml



#2 Decachlorobiphenyl

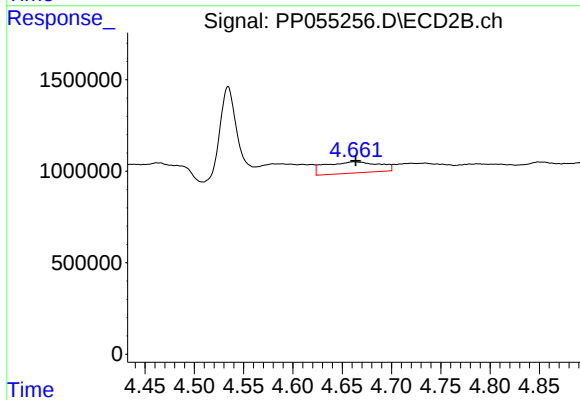
R.T.: 8.586 min
Delta R.T.: -0.012 min
Response: 27554334
Conc: 20.40 ng/ml



#3 AR-1016-1

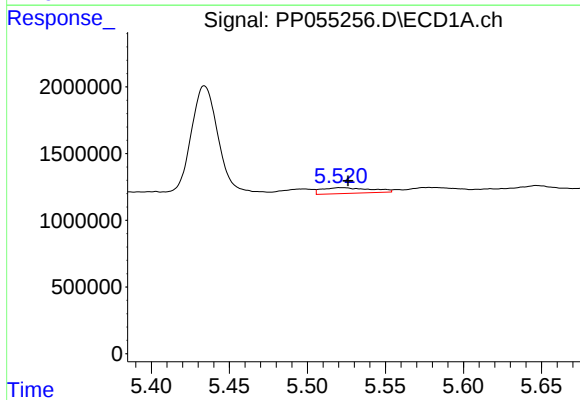
R.T.: 5.497 min
Delta R.T.: -0.006 min
Response: 651921
Conc: 9.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



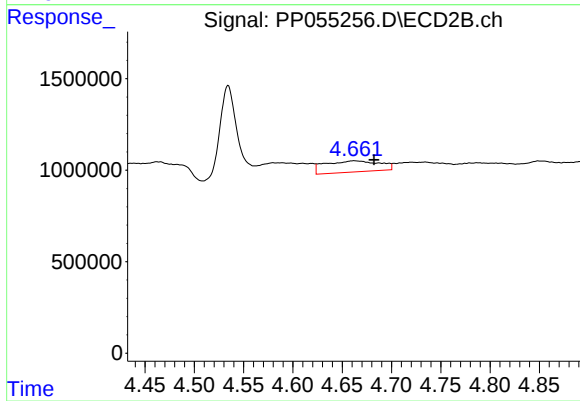
#3 AR-1016-1

R.T.: 4.662 min
Delta R.T.: -0.001 min
Response: 2334903
Conc: 47.18 ng/ml



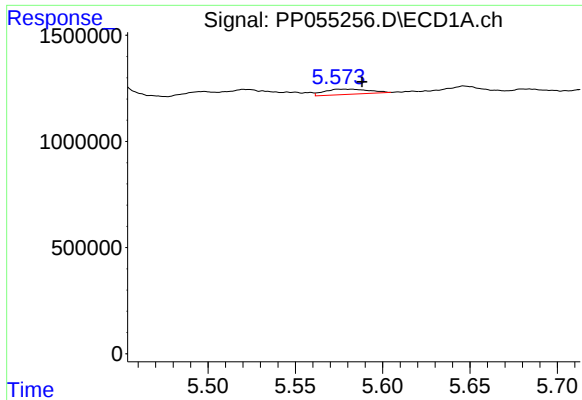
#4 AR-1016-2

R.T.: 5.521 min
Delta R.T.: -0.005 min
Response: 952719
Conc: 9.94 ng/ml



#4 AR-1016-2

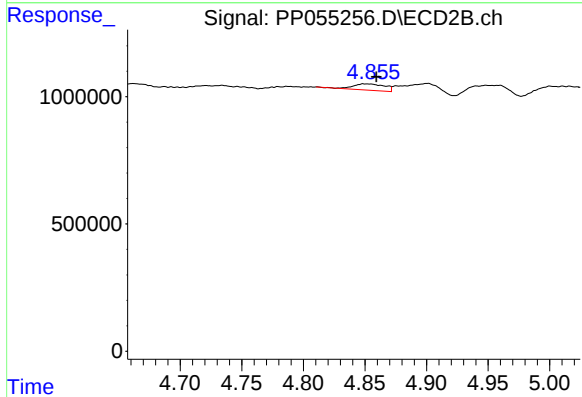
R.T.: 4.662 min
Delta R.T.: -0.020 min
Response: 2334903
Conc: 33.73 ng/ml



#5 AR-1016-3

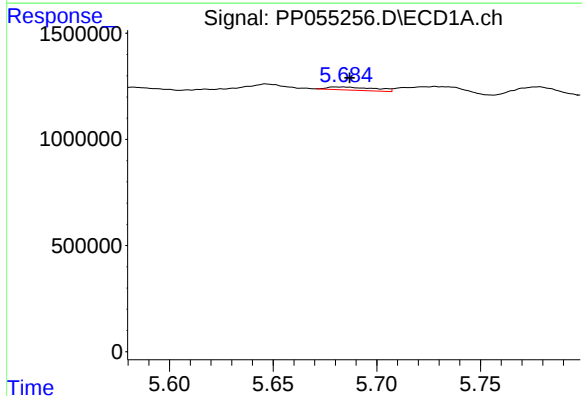
R.T.: 5.578 min
Delta R.T.: -0.010 min
Response: 437772
Conc: 7.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



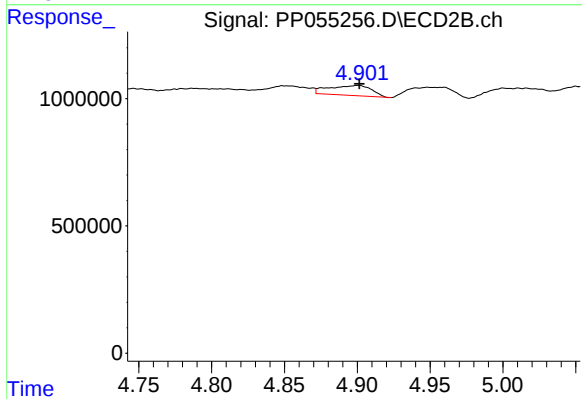
#5 AR-1016-3

R.T.: 4.851 min
Delta R.T.: -0.008 min
Response: 446738
Conc: 12.01 ng/ml



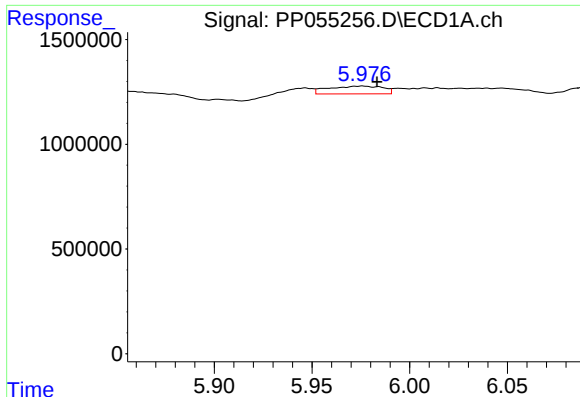
#6 AR-1016-4

R.T.: 5.684 min
Delta R.T.: -0.003 min
Response: 230978
Conc: 4.82 ng/ml



#6 AR-1016-4

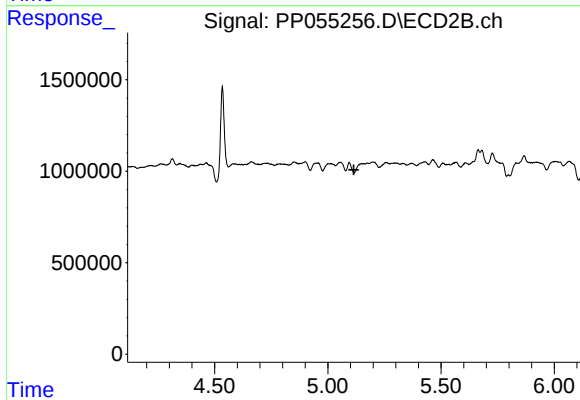
R.T.: 4.900 min
Delta R.T.: -0.002 min
Response: 805782
Conc: 25.64 ng/ml



#7 AR-1016-5

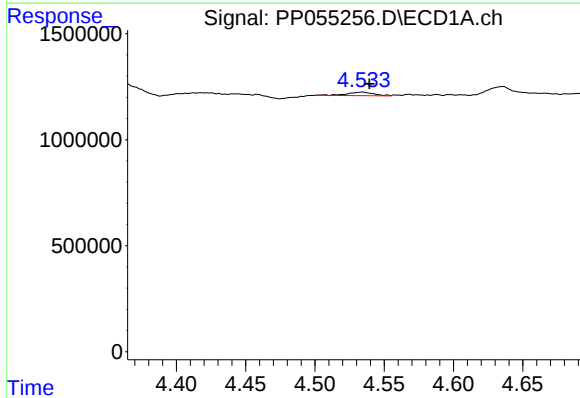
R.T.: 5.976 min
Delta R.T.: -0.007 min
Response: 716371
Conc: 14.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



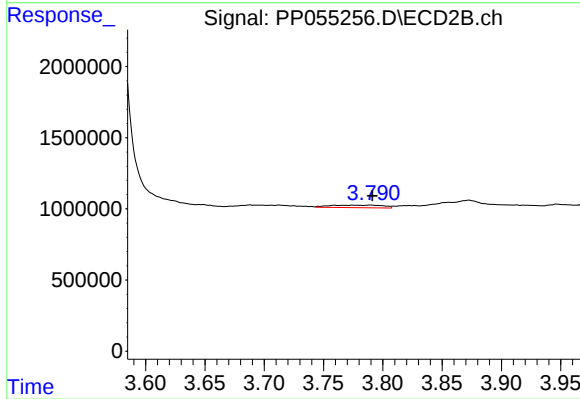
#7 AR-1016-5

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



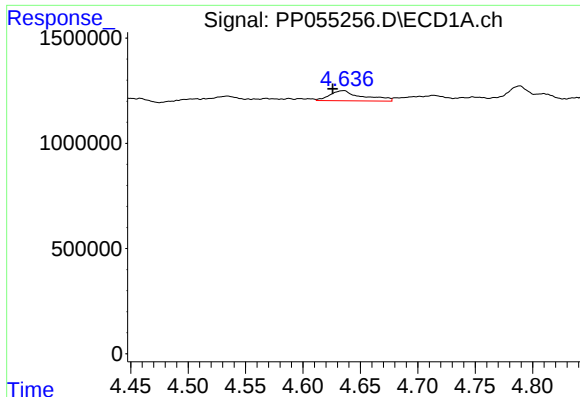
#8 AR-1221-1

R.T.: 4.534 min
Delta R.T.: -0.005 min
Response: 221770
Conc: 9.43 ng/ml



#8 AR-1221-1

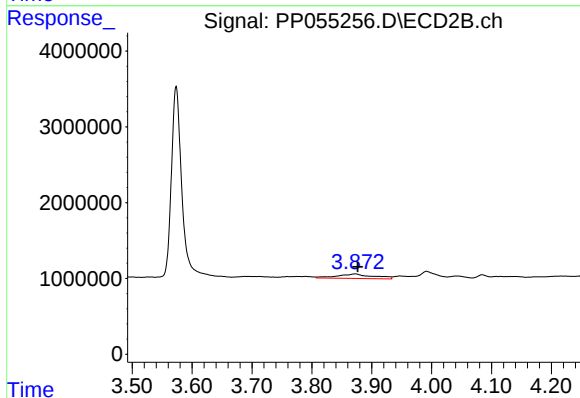
R.T.: 3.789 min
Delta R.T.: -0.002 min
Response: 554623
Conc: 27.97 ng/ml



#9 AR-1221-2

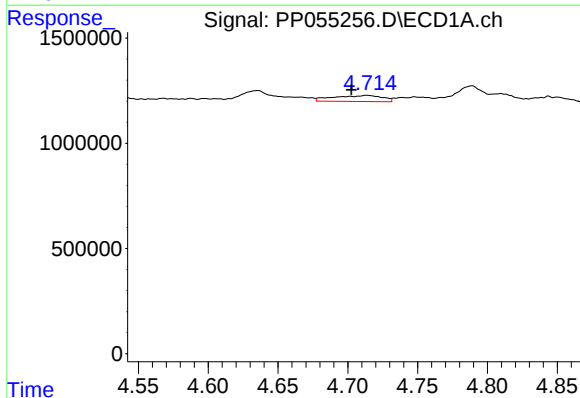
R.T.: 4.635 min
Delta R.T.: 0.009 min
Response: 960132
Conc: 54.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



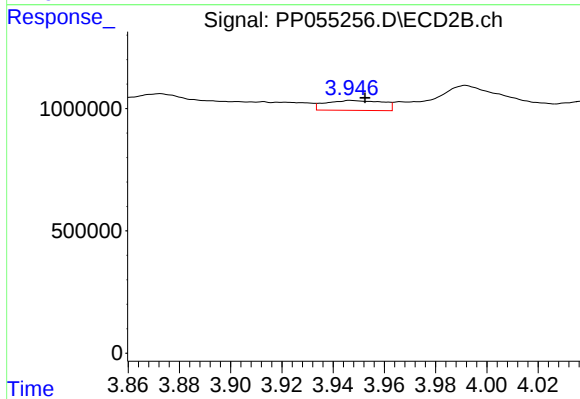
#9 AR-1221-2

R.T.: 3.872 min
Delta R.T.: -0.005 min
Response: 2503879
Conc: 168.93 ng/ml



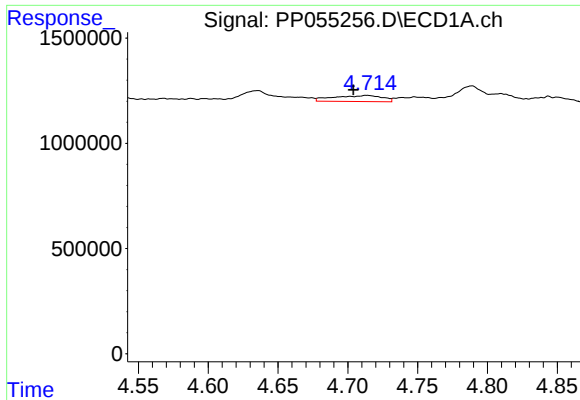
#10 AR-1221-3

R.T.: 4.714 min
Delta R.T.: 0.011 min
Response: 712553
Conc: 13.24 ng/ml



#10 AR-1221-3

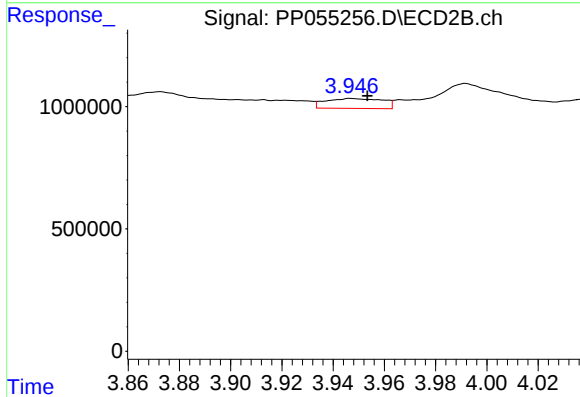
R.T.: 3.948 min
Delta R.T.: -0.005 min
Response: 625700
Conc: 13.87 ng/ml



#11 AR-1232-1

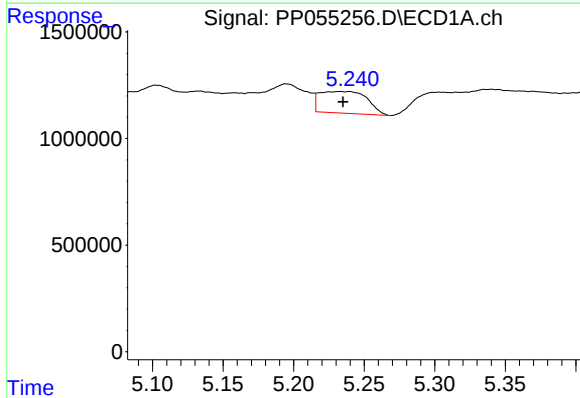
R.T.: 4.714 min
Delta R.T.: 0.010 min
Response: 712553
Conc: 16.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



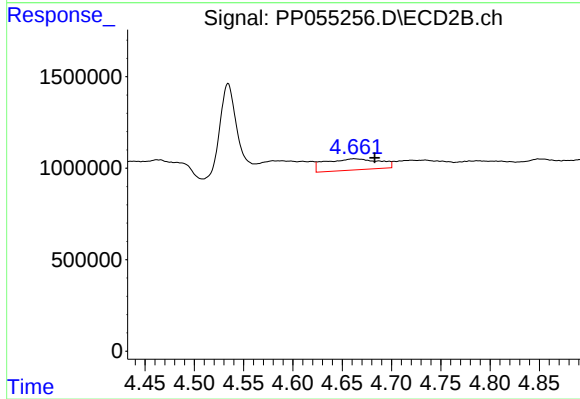
#11 AR-1232-1

R.T.: 3.948 min
Delta R.T.: -0.006 min
Response: 625700
Conc: 16.98 ng/ml



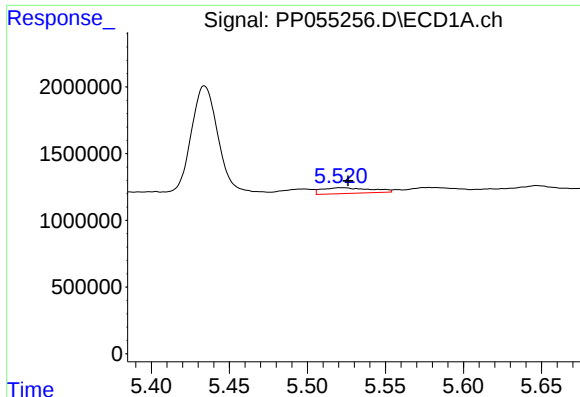
#12 AR-1232-2

R.T.: 5.239 min
Delta R.T.: 0.004 min
Response: 2391203
Conc: 105.74 ng/ml



#12 AR-1232-2

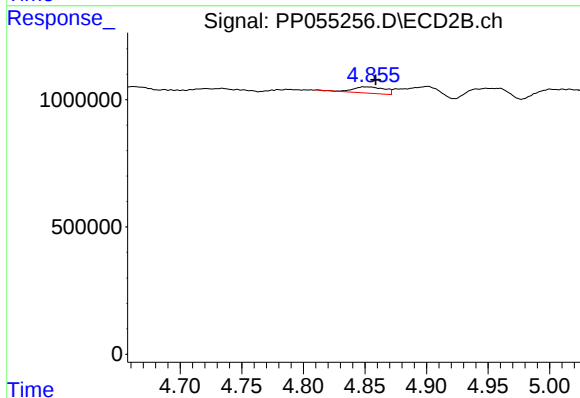
R.T.: 4.662 min
Delta R.T.: -0.021 min
Response: 2334903
Conc: 73.10 ng/ml



#13 AR-1232-3

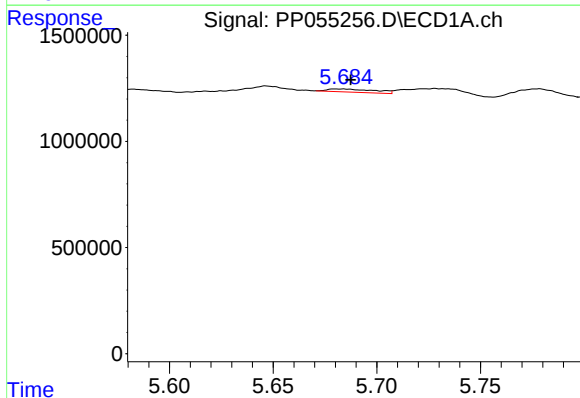
R.T.: 5.521 min
Delta R.T.: -0.005 min
Response: 952719
Conc: 21.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



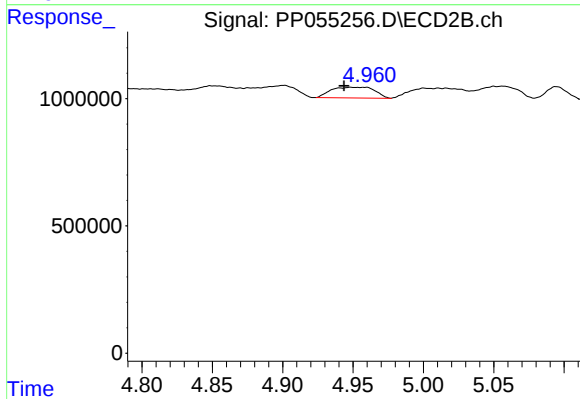
#13 AR-1232-3

R.T.: 4.851 min
Delta R.T.: -0.008 min
Response: 446738
Conc: 26.80 ng/ml



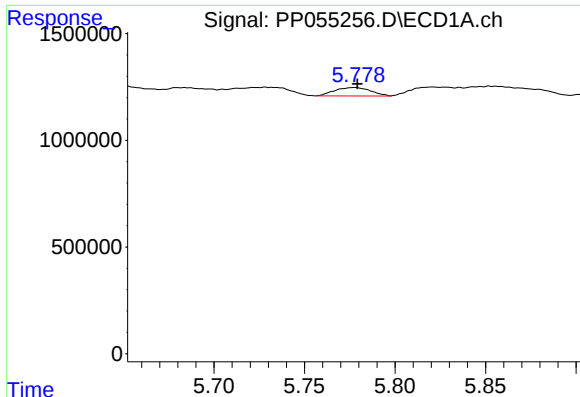
#14 AR-1232-4

R.T.: 5.684 min
Delta R.T.: -0.004 min
Response: 230978
Conc: 10.44 ng/ml



#14 AR-1232-4

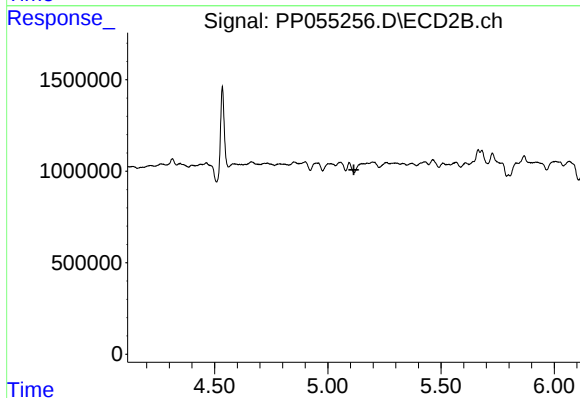
R.T.: 4.956 min
Delta R.T.: 0.012 min
Response: 907711
Conc: 56.29 ng/ml



#15 AR-1232-5

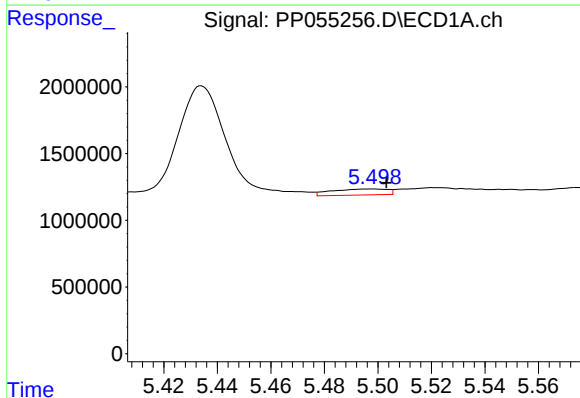
R.T.: 5.778 min
Delta R.T.: -0.002 min
Response: 545143
Conc: 31.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



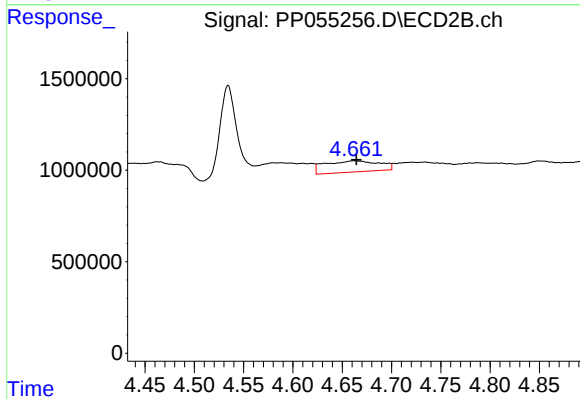
#15 AR-1232-5

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



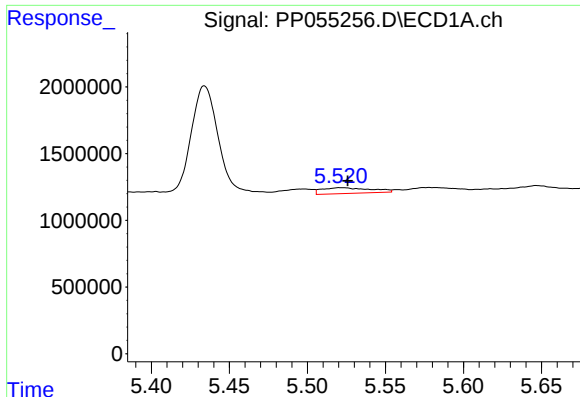
#16 AR-1242-1

R.T.: 5.497 min
Delta R.T.: -0.006 min
Response: 651921
Conc: 11.64 ng/ml



#16 AR-1242-1

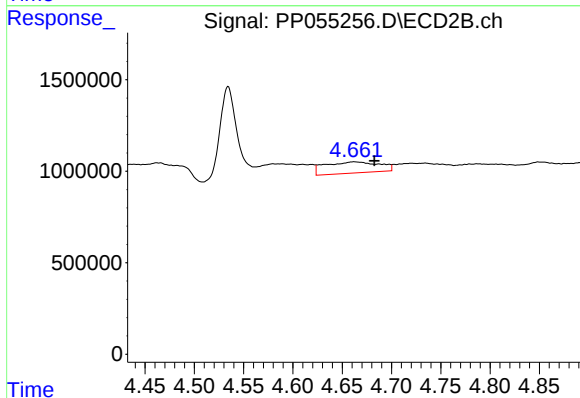
R.T.: 4.662 min
Delta R.T.: -0.002 min
Response: 2334903
Conc: 57.00 ng/ml



#17 AR-1242-2

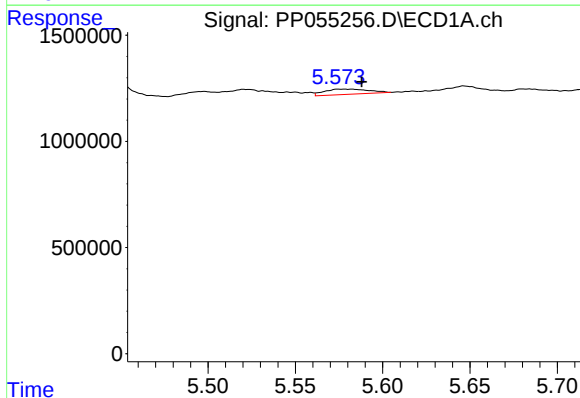
R.T.: 5.521 min
Delta R.T.: -0.005 min
Response: 952719
Conc: 11.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



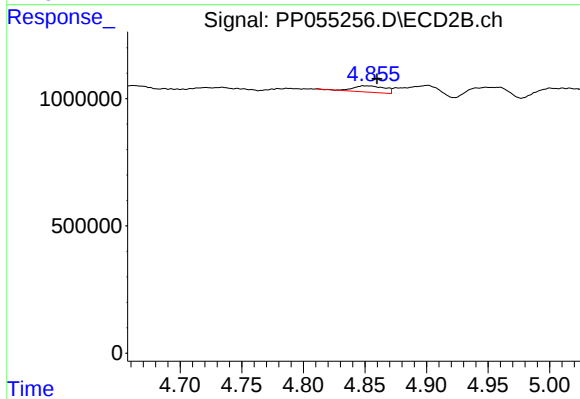
#17 AR-1242-2

R.T.: 4.662 min
Delta R.T.: -0.020 min
Response: 2334903
Conc: 40.89 ng/ml



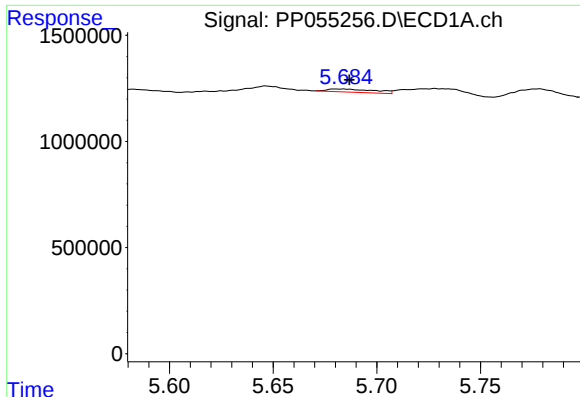
#18 AR-1242-3

R.T.: 5.578 min
Delta R.T.: -0.010 min
Response: 437772
Conc: 8.82 ng/ml



#18 AR-1242-3

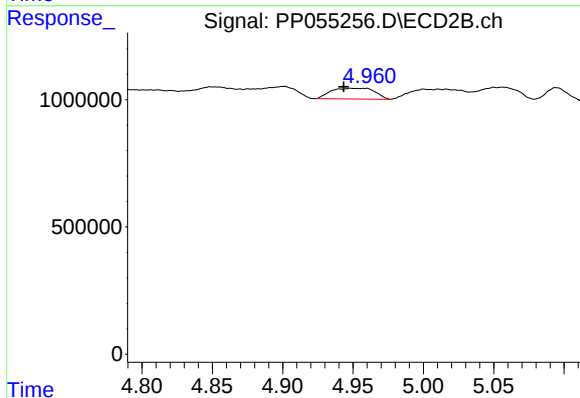
R.T.: 4.851 min
Delta R.T.: -0.009 min
Response: 446738
Conc: 14.47 ng/ml



#19 AR-1242-4

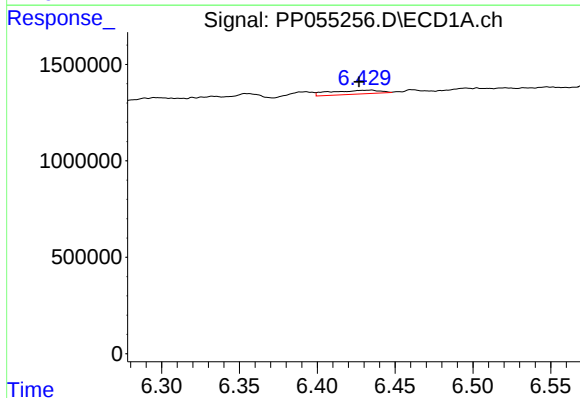
R.T.: 5.684 min
Delta R.T.: -0.003 min
Response: 230978
Conc: 5.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



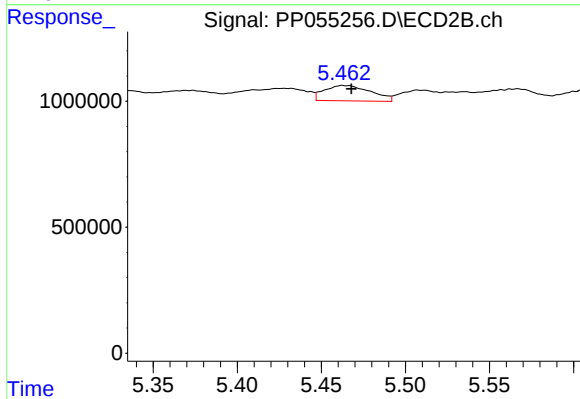
#19 AR-1242-4

R.T.: 4.956 min
Delta R.T.: 0.013 min
Response: 907711
Conc: 27.94 ng/ml



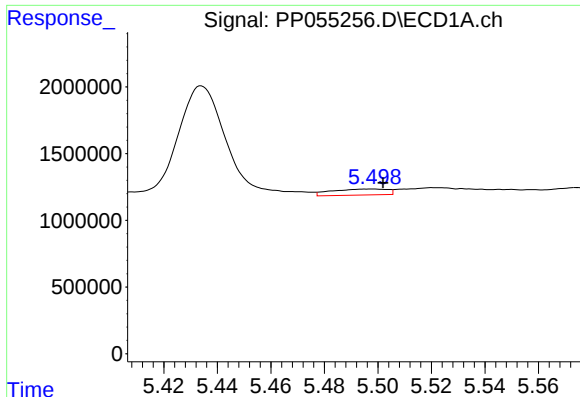
#20 AR-1242-5

R.T.: 6.434 min
Delta R.T.: 0.007 min
Response: 450345
Conc: 10.13 ng/ml



#20 AR-1242-5

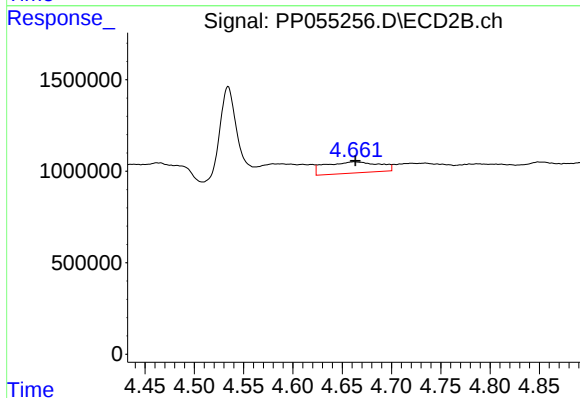
R.T.: 5.464 min
Delta R.T.: -0.004 min
Response: 1176539
Conc: 31.48 ng/ml



#21 AR-1248-1

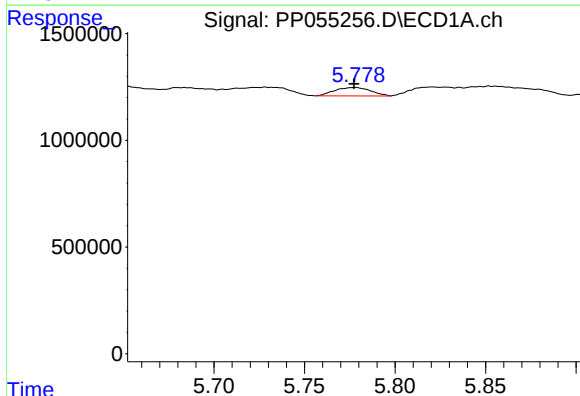
R.T.: 5.497 min
Delta R.T.: -0.004 min
Response: 651921
Conc: 15.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



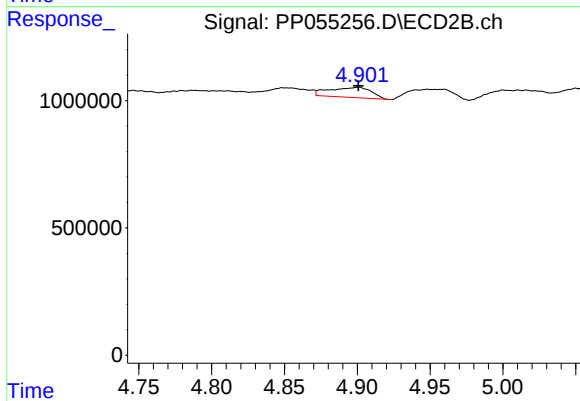
#21 AR-1248-1

R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 2334903
Conc: 75.31 ng/ml



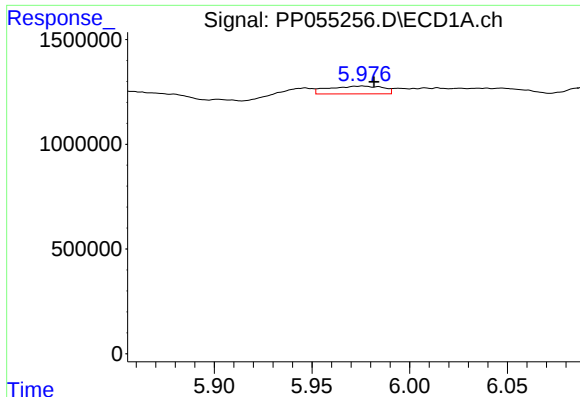
#22 AR-1248-2

R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 545143
Conc: 8.57 ng/ml



#22 AR-1248-2

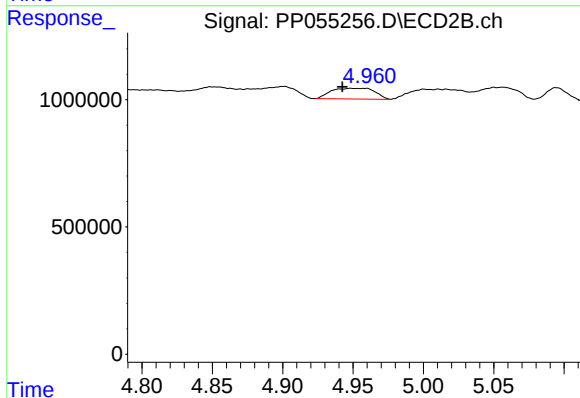
R.T.: 4.900 min
Delta R.T.: -0.001 min
Response: 805782
Conc: 17.62 ng/ml



#23 AR-1248-3

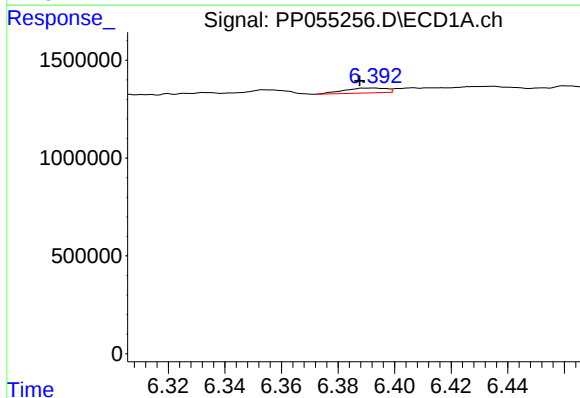
R.T.: 5.976 min
Delta R.T.: -0.006 min
Response: 716371
Conc: 10.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



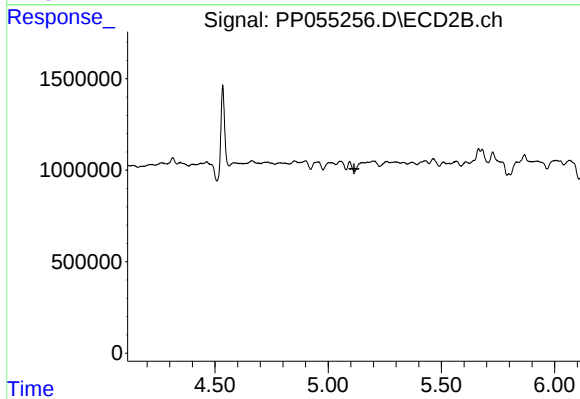
#23 AR-1248-3

R.T.: 4.956 min
Delta R.T.: 0.014 min
Response: 907711
Conc: 19.04 ng/ml



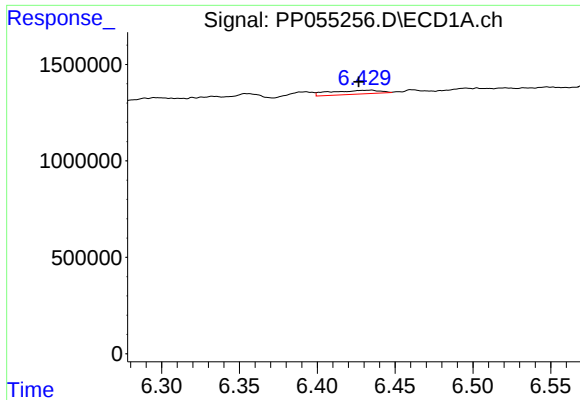
#24 AR-1248-4

R.T.: 6.392 min
Delta R.T.: 0.005 min
Response: 259371
Conc: 3.42 ng/ml



#24 AR-1248-4

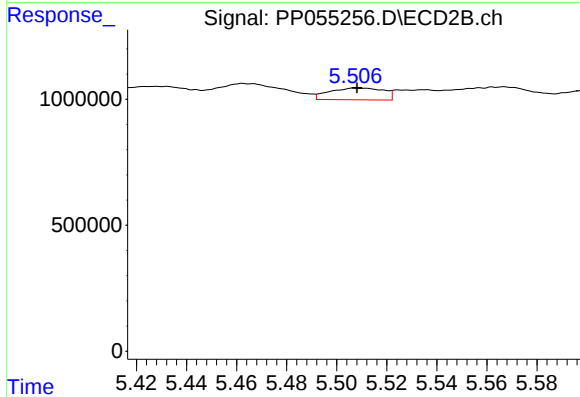
R.T.: 0.000 min
Exp R.T. : 5.114 min
Response: 0
Conc: N.D.



#25 AR-1248-5

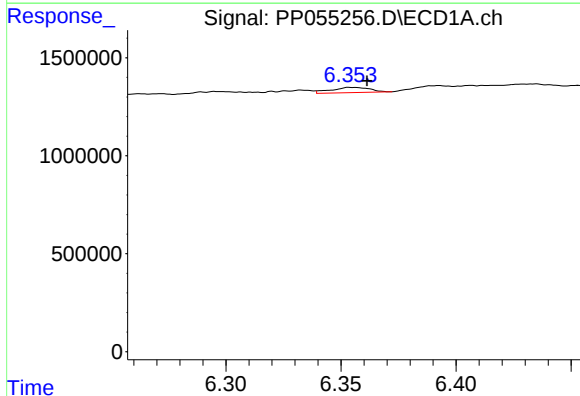
R.T.: 6.434 min
Delta R.T.: 0.008 min
Response: 450345
Conc: 6.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



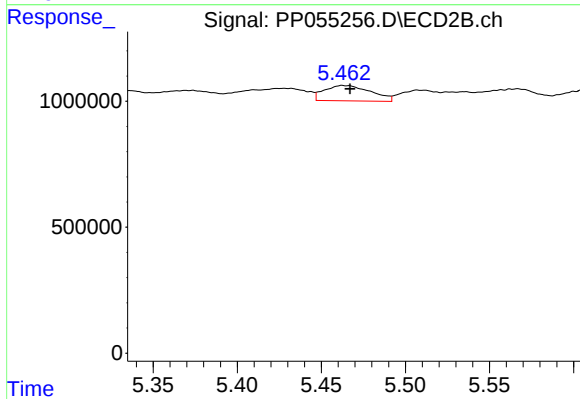
#25 AR-1248-5

R.T.: 5.509 min
Delta R.T.: 0.001 min
Response: 698320
Conc: 14.20 ng/ml



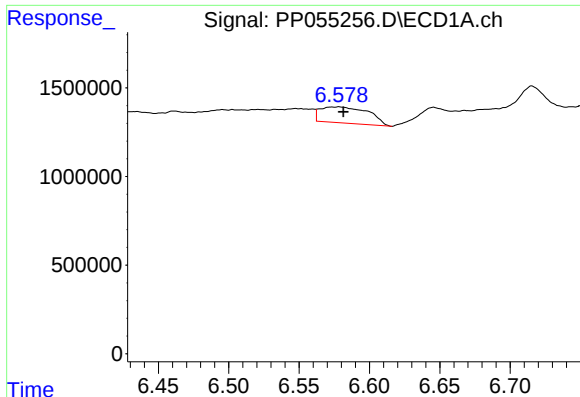
#26 AR-1254-1

R.T.: 6.355 min
Delta R.T.: -0.007 min
Response: 310124
Conc: 3.93 ng/ml



#26 AR-1254-1

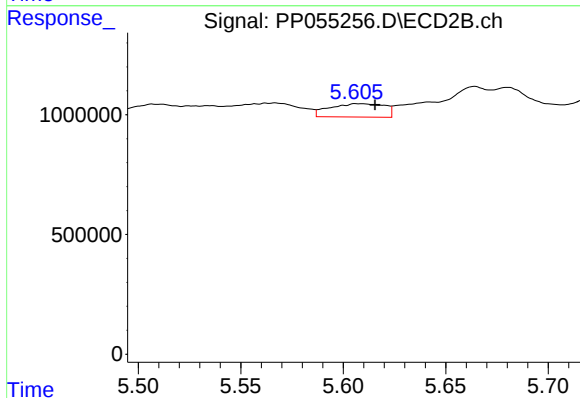
R.T.: 5.464 min
Delta R.T.: -0.003 min
Response: 1176539
Conc: 14.57 ng/ml



#27 AR-1254-2

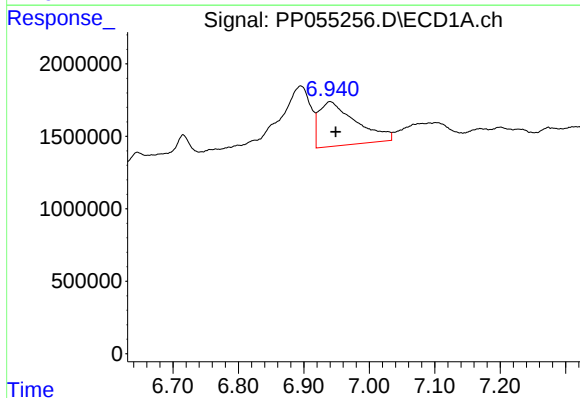
R.T.: 6.578 min
Delta R.T.: -0.003 min
Response: 2173046
Conc: 17.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



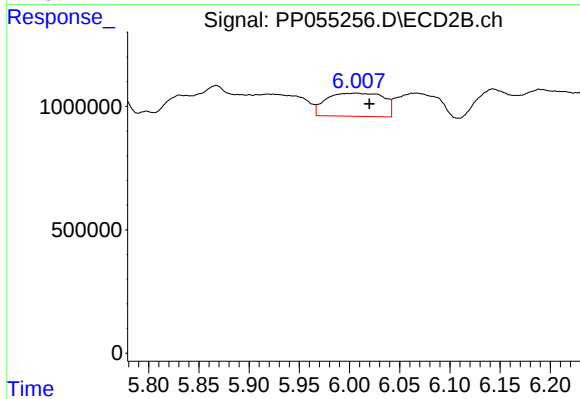
#27 AR-1254-2

R.T.: 5.609 min
Delta R.T.: -0.007 min
Response: 1041506
Conc: 14.55 ng/ml



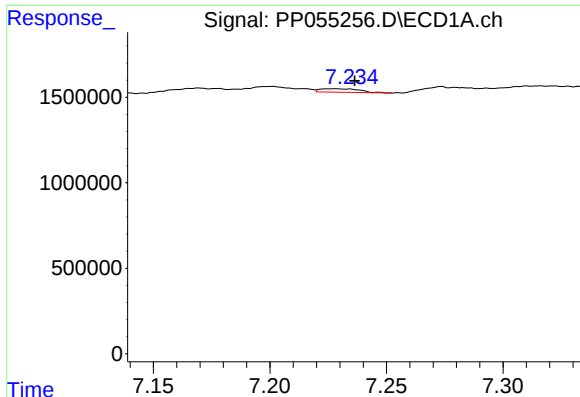
#28 AR-1254-3

R.T.: 6.940 min
Delta R.T.: -0.008 min
Response: 12074432
Conc: 98.57 ng/ml



#28 AR-1254-3

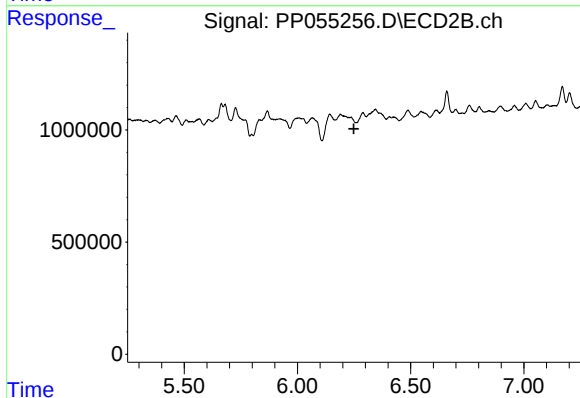
R.T.: 6.006 min
Delta R.T.: -0.013 min
Response: 3704321
Conc: 33.25 ng/ml



#29 AR-1254-4

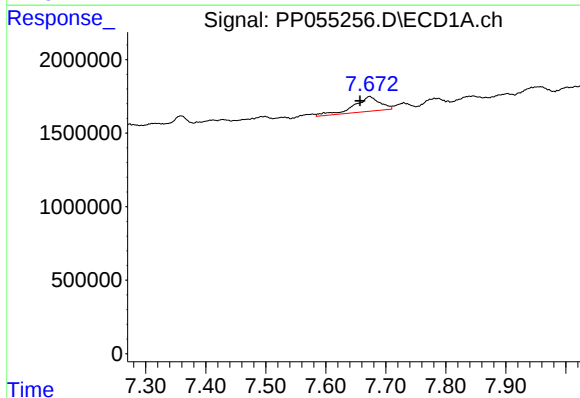
R.T.: 7.228 min
Delta R.T.: -0.008 min
Response: 238428
Conc: 2.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



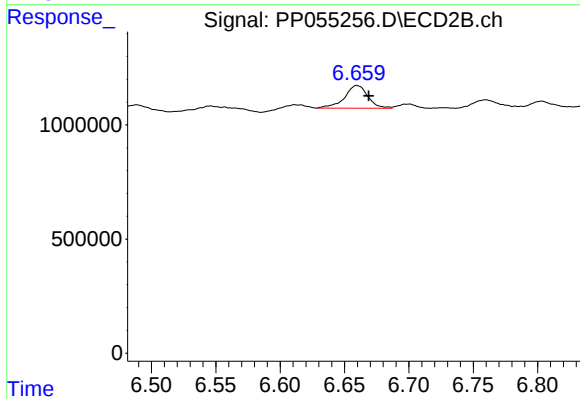
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.250 min
Response: 0
Conc: N.D.



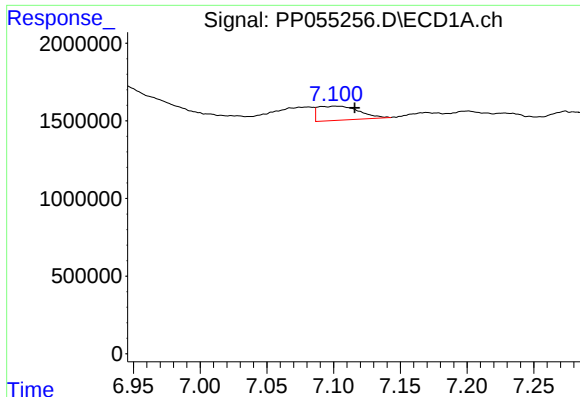
#30 AR-1254-5

R.T.: 7.673 min
Delta R.T.: 0.016 min
Response: 3020518
Conc: 29.86 ng/ml



#30 AR-1254-5

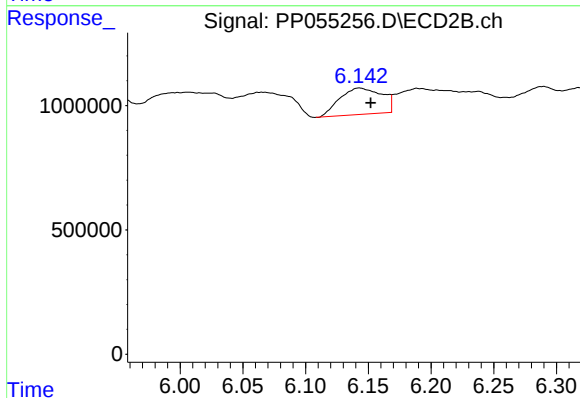
R.T.: 6.660 min
Delta R.T.: -0.009 min
Response: 1254671
Conc: 13.23 ng/ml



#31 AR-1260-1

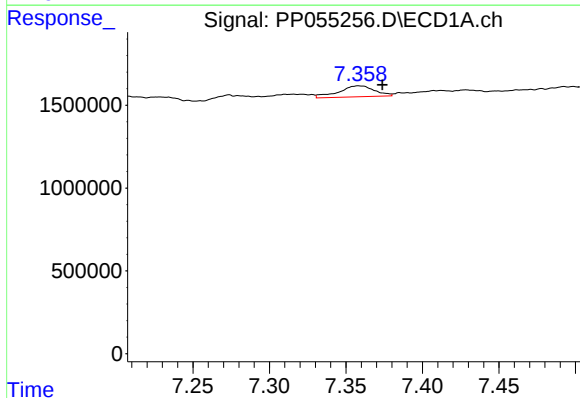
R.T.: 7.101 min
Delta R.T.: -0.015 min
Response: 1954558
Conc: 20.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



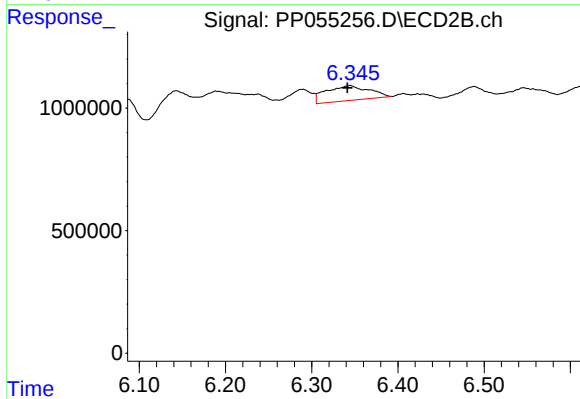
#31 AR-1260-1

R.T.: 6.143 min
Delta R.T.: -0.009 min
Response: 2488573
Conc: 32.09 ng/ml



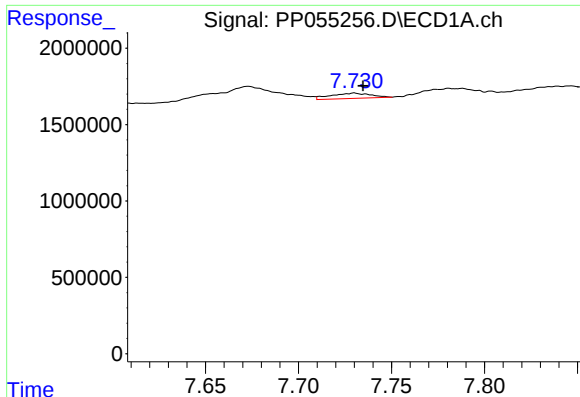
#32 AR-1260-2

R.T.: 7.359 min
Delta R.T.: -0.015 min
Response: 1072675
Conc: 9.53 ng/ml



#32 AR-1260-2

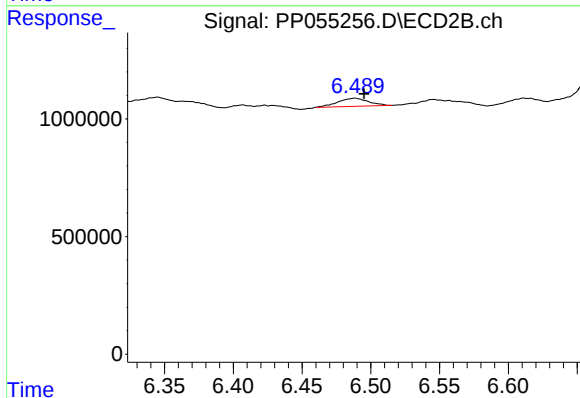
R.T.: 6.344 min
Delta R.T.: 0.003 min
Response: 2108729
Conc: 23.46 ng/ml



#33 AR-1260-3

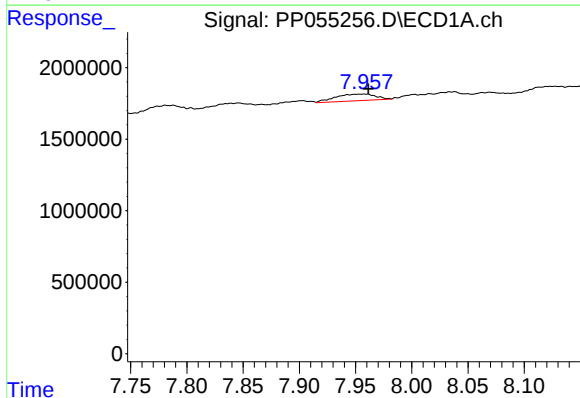
R.T.: 7.730 min
Delta R.T.: -0.005 min
Response: 525921
Conc: 6.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



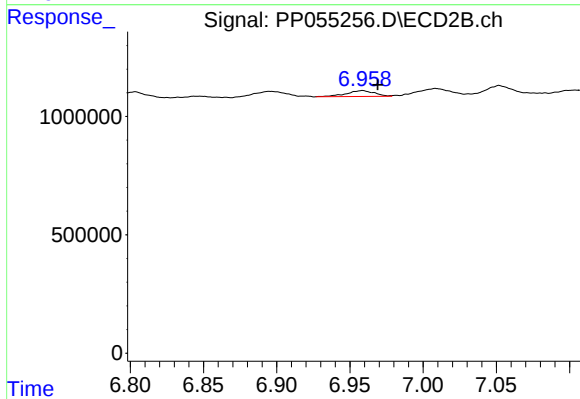
#33 AR-1260-3

R.T.: 6.488 min
Delta R.T.: -0.007 min
Response: 532600
Conc: 6.27 ng/ml



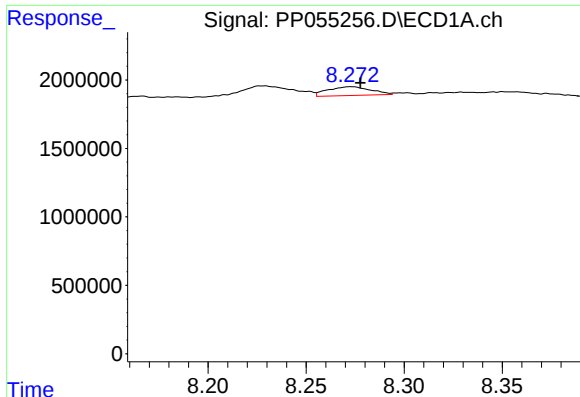
#34 AR-1260-4

R.T.: 7.958 min
Delta R.T.: -0.004 min
Response: 1155641
Conc: 11.90 ng/ml



#34 AR-1260-4

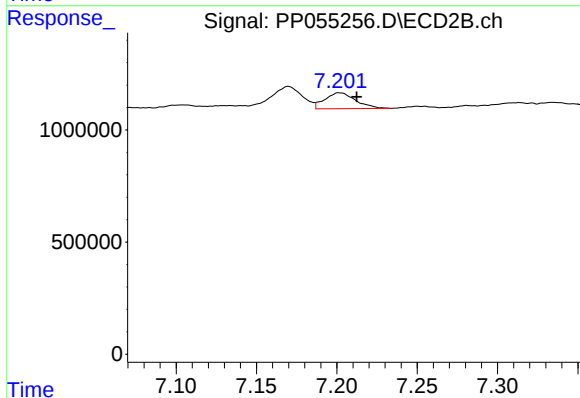
R.T.: 6.958 min
Delta R.T.: -0.011 min
Response: 323917
Conc: 4.52 ng/ml



#35 AR-1260-5

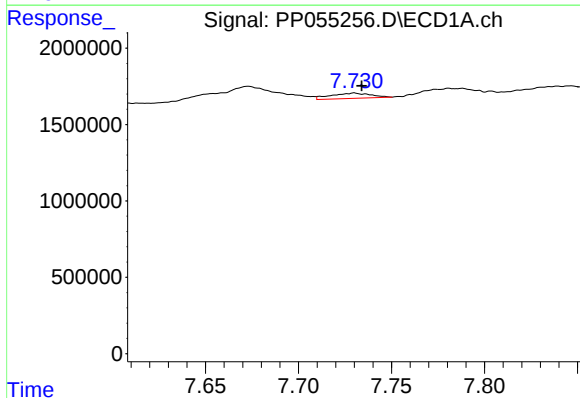
R.T.: 8.273 min
Delta R.T.: -0.005 min
Response: 977768
Conc: 5.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



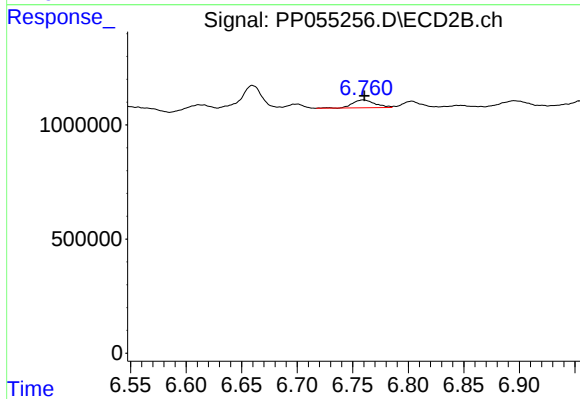
#35 AR-1260-5

R.T.: 7.202 min
Delta R.T.: -0.010 min
Response: 938044
Conc: 6.10 ng/ml



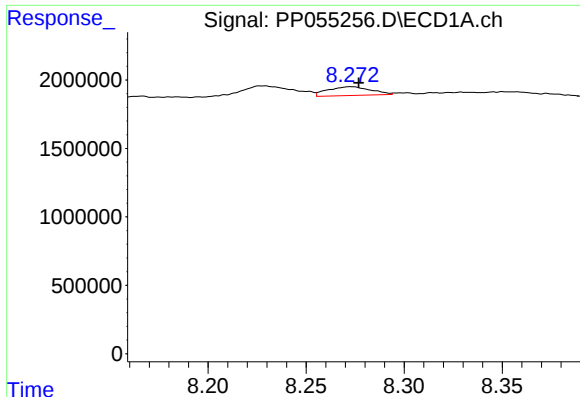
#36 AR-1262-1

R.T.: 7.730 min
Delta R.T.: -0.004 min
Response: 525921
Conc: 4.46 ng/ml



#36 AR-1262-1

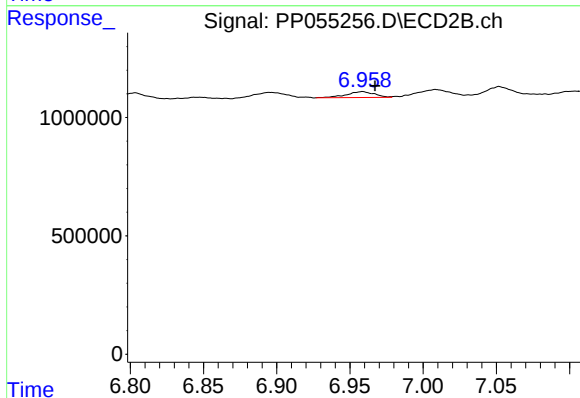
R.T.: 6.759 min
Delta R.T.: 0.000 min
Response: 482782
Conc: 11.24 ng/ml



#37 AR-1262-2

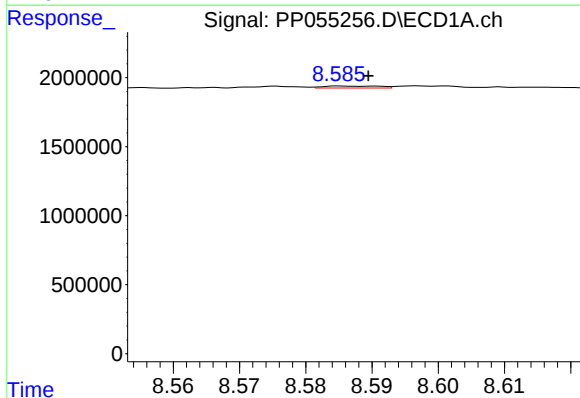
R.T.: 8.273 min
Delta R.T.: -0.004 min
Response: 977768
Conc: 4.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



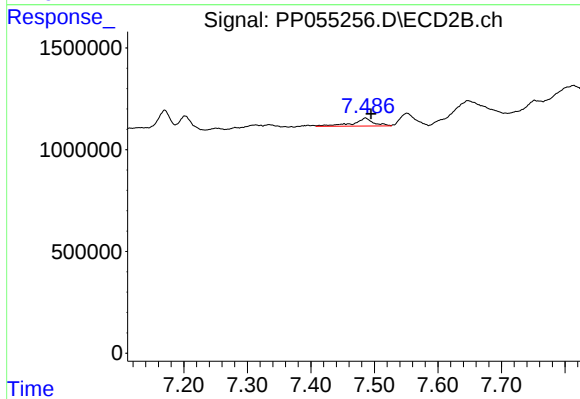
#37 AR-1262-2

R.T.: 6.958 min
Delta R.T.: -0.009 min
Response: 323917
Conc: 3.50 ng/ml



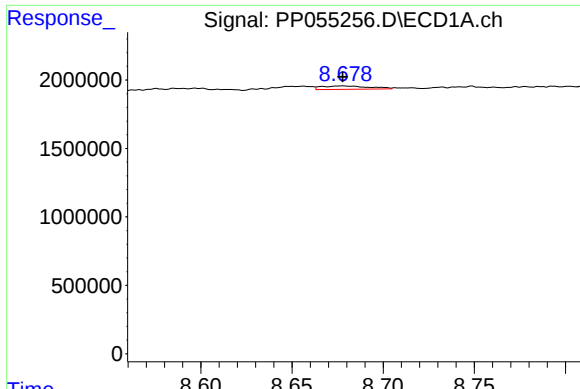
#38 AR-1262-3

R.T.: 8.586 min
Delta R.T.: -0.004 min
Response: 83491
Conc: 0.60 ng/ml



#38 AR-1262-3

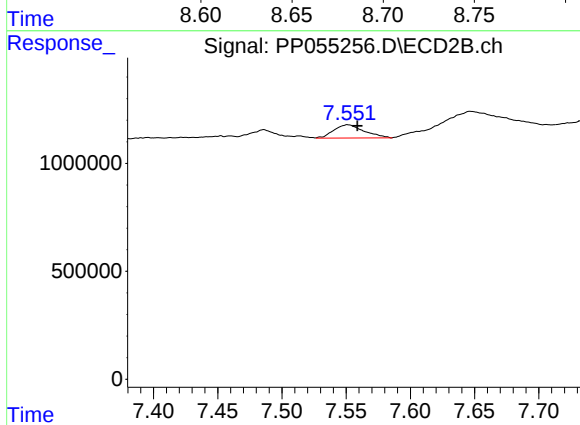
R.T.: 7.486 min
Delta R.T.: -0.009 min
Response: 885217
Conc: 12.15 ng/ml



#39 AR-1262-4

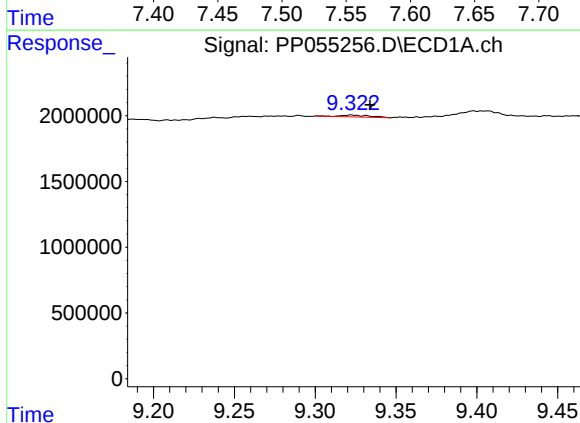
R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 457422
Conc: 5.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



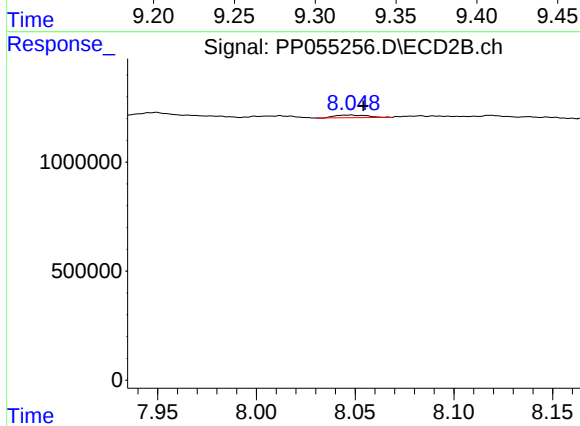
#39 AR-1262-4

R.T.: 7.551 min
Delta R.T.: -0.008 min
Response: 1015073
Conc: 7.76 ng/ml



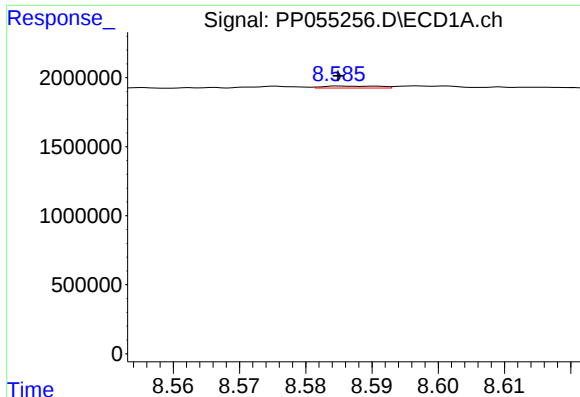
#40 AR-1262-5

R.T.: 9.323 min
Delta R.T.: -0.011 min
Response: 172301
Conc: 2.41 ng/ml



#40 AR-1262-5

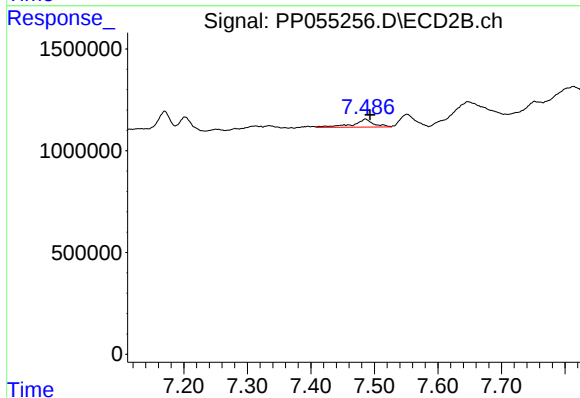
R.T.: 8.047 min
Delta R.T.: -0.007 min
Response: 142624
Conc: 2.40 ng/ml



#41 AR-1268-1

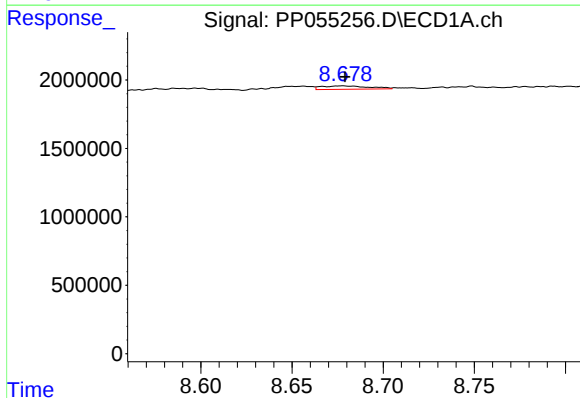
R.T.: 8.586 min
Delta R.T.: 0.000 min
Response: 83491
Conc: 0.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



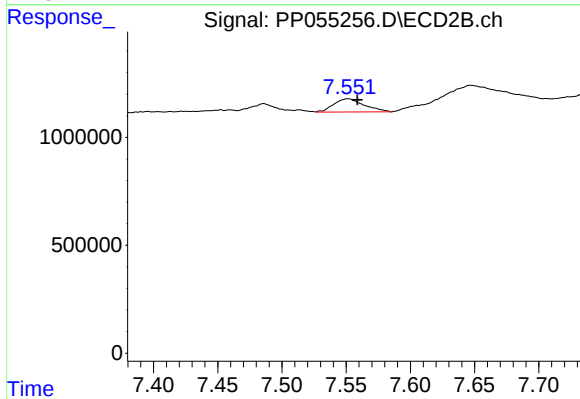
#41 AR-1268-1

R.T.: 7.486 min
Delta R.T.: -0.007 min
Response: 885217
Conc: 4.09 ng/ml



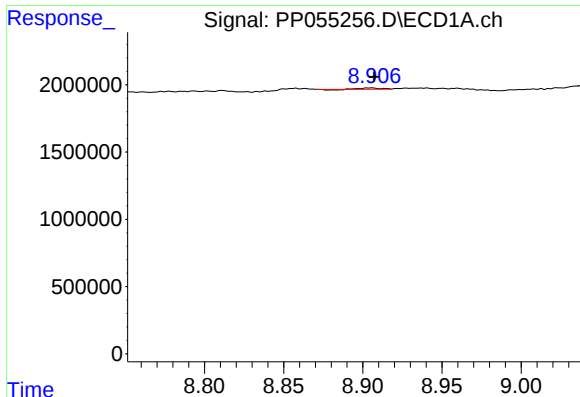
#42 AR-1268-2

R.T.: 8.677 min
Delta R.T.: -0.002 min
Response: 457422
Conc: 2.01 ng/ml



#42 AR-1268-2

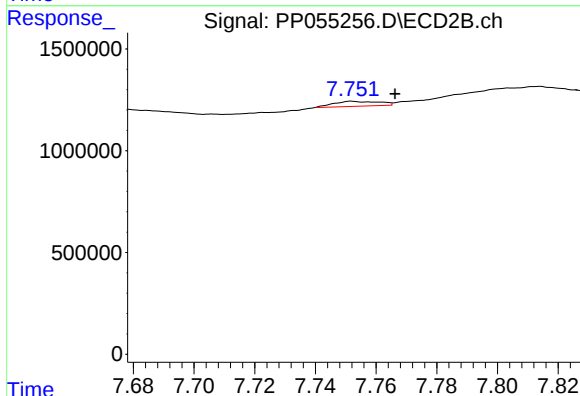
R.T.: 7.551 min
Delta R.T.: -0.008 min
Response: 1015073
Conc: 5.20 ng/ml



#43 AR-1268-3

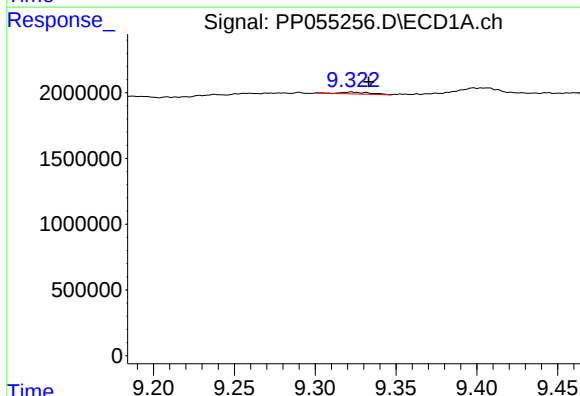
R.T.: 8.905 min
Delta R.T.: -0.002 min
Response: 67674
Conc: 0.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



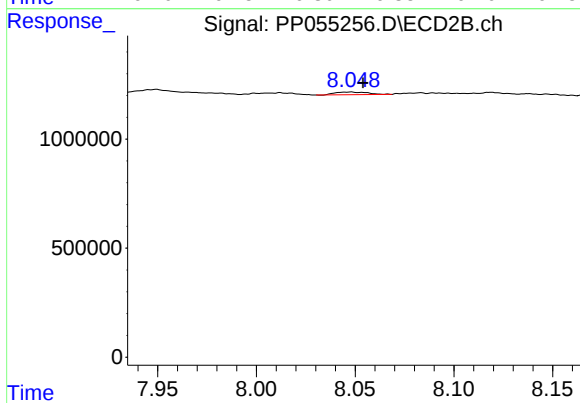
#43 AR-1268-3

R.T.: 7.754 min
Delta R.T.: -0.013 min
Response: 249090
Conc: 1.45 ng/ml



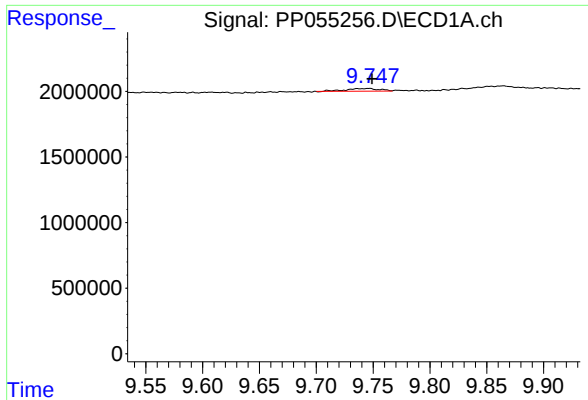
#44 AR-1268-4

R.T.: 9.323 min
Delta R.T.: -0.010 min
Response: 172301
Conc: 2.19 ng/ml



#44 AR-1268-4

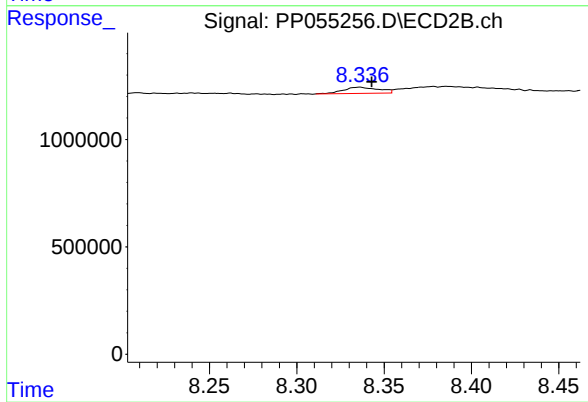
R.T.: 8.047 min
Delta R.T.: -0.007 min
Response: 142624
Conc: 2.24 ng/ml



#45 AR-1268-5

R.T.: 9.747 min
Delta R.T.: -0.002 min
Response: 422701
Conc: 0.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.336 min
Delta R.T.: -0.007 min
Response: 407518
Conc: 0.77 ng/ml