

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP020323\
 Data File : PP055322.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Feb 2023 19:44
 Operator : YP\AJ
 Sample : 01414-04
 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 04 00:11:47 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...	4.327	3.573	29029040	25791110	16.696	17.180
2)	SA Decachlor...	10.080	8.585	26797616	21570828	15.475	15.972
Target Compounds							
3)	L1 AR-1016-1	5.496	4.674	481508	372212	7.164	7.520
4)	L1 AR-1016-2	5.519	4.674	339307	372212	3.541	5.377 #
5)	L1 AR-1016-3	5.579	4.852	365633	109108	6.113	2.933 #
6)	L1 AR-1016-4	5.685	0.000	36756	0	0.767	N.D. #
7)	L1 AR-1016-5	5.979	0.000	67451	0	1.331	N.D. #
8)	L2 AR-1221-1	4.534	0.000	3518280	0	149.618	N.D. #
9)	L2 AR-1221-2	4.631	3.854f	729388	3167089	41.053	213.670 #
10)	L2 AR-1221-3	0.000	3.943	0	251906	N.D.	5.584 #
11)	L3 AR-1232-1	0.000	3.943	0	251906	N.D.	6.834 #
12)	L3 AR-1232-2	5.232	4.674	124054	372212	5.486	11.653 #
13)	L3 AR-1232-3	5.519	4.852	339307	109108	7.726	6.545
14)	L3 AR-1232-4	5.685	0.000	36756	0	1.661	N.D. #
15)	L3 AR-1232-5	5.771	0.000	74056	0	4.230	N.D. #
16)	L4 AR-1242-1	5.496	4.674	481508	372212	8.600	9.087
17)	L4 AR-1242-2	5.519	4.674	339307	372212	4.250	6.518 #
18)	L4 AR-1242-3	5.579	4.852	365633	109108	7.363	3.535 #
19)	L4 AR-1242-4	5.685	0.000	36756	0	0.917	N.D. #
20)	L4 AR-1242-5	6.429	5.444f	250352	220181	5.631	5.892
21)	L5 AR-1248-1	5.496	4.674	481508	372212	11.546	12.006
22)	L5 AR-1248-2	5.771	0.000	74056	0	1.165	N.D. #
23)	L5 AR-1248-3	5.979	0.000	67451	0	0.975	N.D. #
24)	L5 AR-1248-4	6.378	0.000	101008	0	1.332	N.D. #
25)	L5 AR-1248-5	6.429	0.000	250352	0	3.393	N.D. #
26)	L6 AR-1254-1	6.362	5.444f	93034	220181	1.179	2.726 #
27)	L6 AR-1254-2	6.573	5.639f	51723	54739	0.427	0.765 #
28)	L6 AR-1254-3	6.947	0.000	145132	0	1.185	N.D. #
29)	L6 AR-1254-4	7.230	0.000	13988	0	0.159	N.D. #
31)	L7 AR-1260-1	7.109	0.000	60309	0	0.633	N.D. #
32)	L7 AR-1260-2	7.371	6.361f	303277	39648	2.695	0.441 #
33)	L7 AR-1260-3	7.730	0.000	61077	0	0.759	N.D. #
34)	L7 AR-1260-4	7.950	6.948f	772315	68200	7.956	0.952 #
35)	L7 AR-1260-5	8.272	7.197f	254655	36968	1.432	0.240 #
36)	L8 AR-1262-1	7.730	0.000	61077	0	0.518	N.D. #
37)	L8 AR-1262-2	8.272	6.948f	254655	68200	1.264	0.736 #
38)	L8 AR-1262-3	0.000	7.486	0	166624	N.D.	2.287 #
39)	L8 AR-1262-4	8.681	7.543f	117096	170437	1.523	1.303
40)	L8 AR-1262-5	9.356f	0.000	22561	0	0.315	N.D. #
41)	L9 AR-1268-1	0.000	7.486	0	166624	N.D.	0.771 #
42)	L9 AR-1268-2	8.681	7.543f	117096	170437	0.516	0.873 #

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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	8.910	0.000	172339	0	0.863	N.D. #
44) L9	AR-1268-4	9.356f	0.000	22561	0	0.287	N.D. #
45) L9	AR-1268-5	9.727f	8.337	290968	96699	0.457	0.184 #

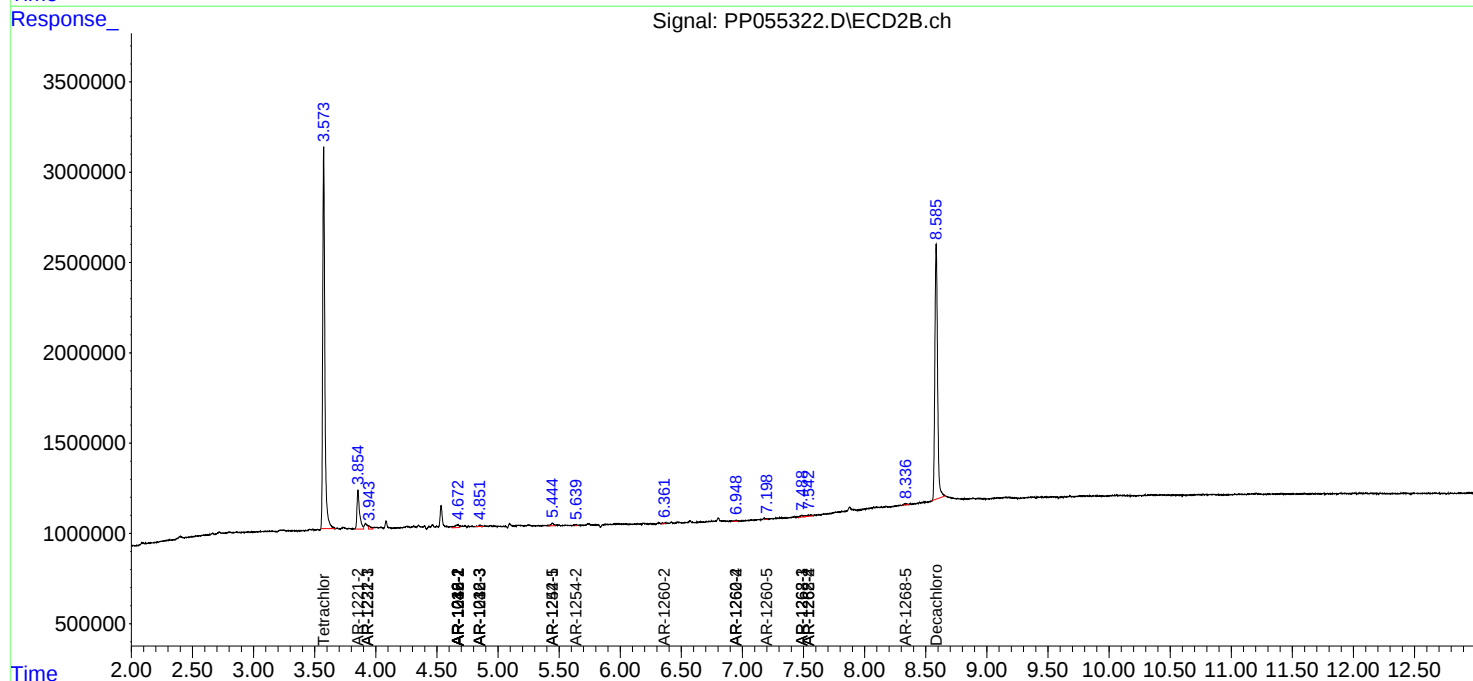
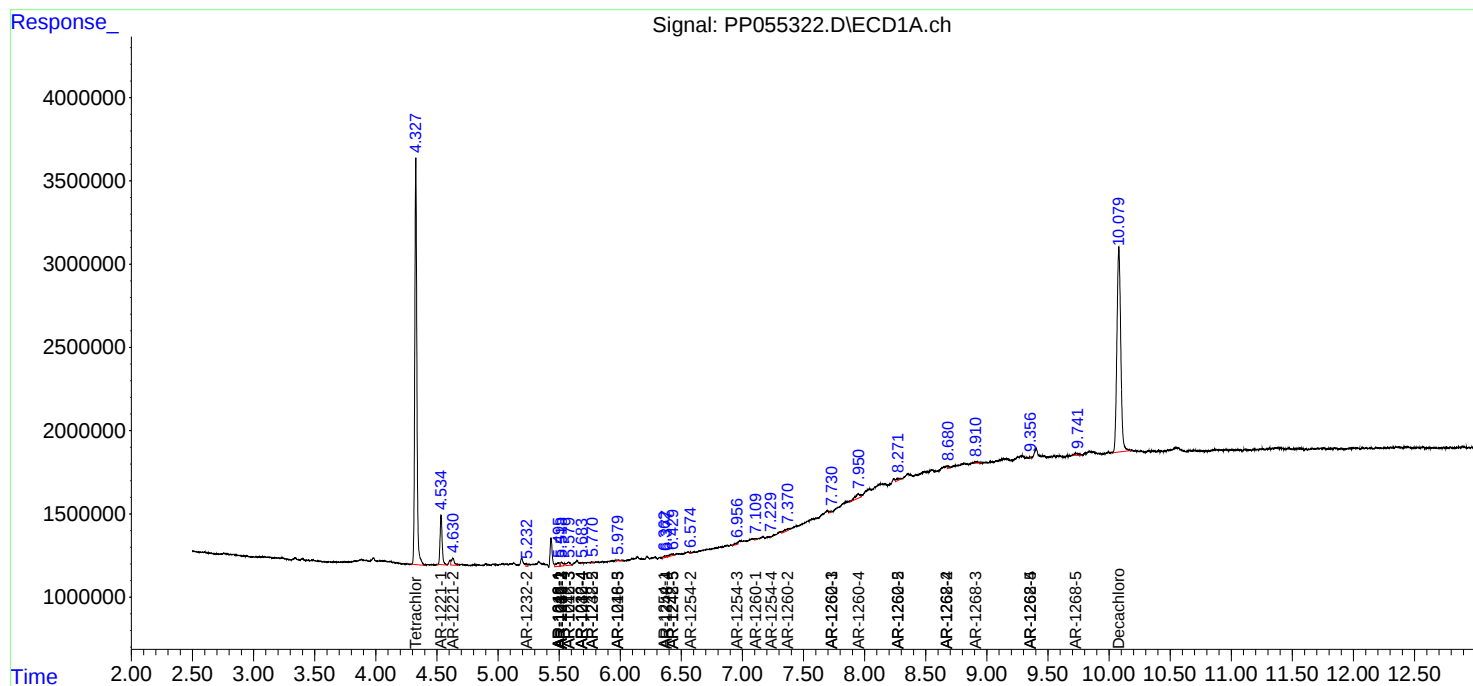
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

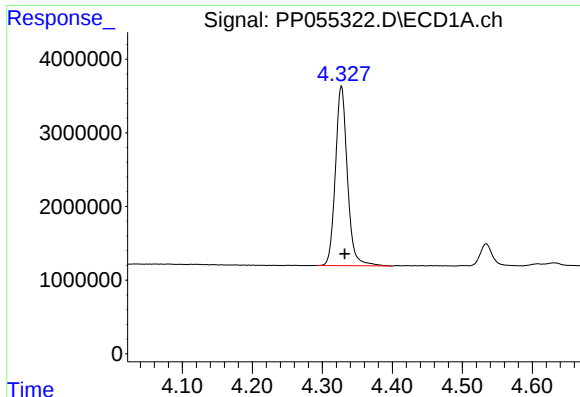
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

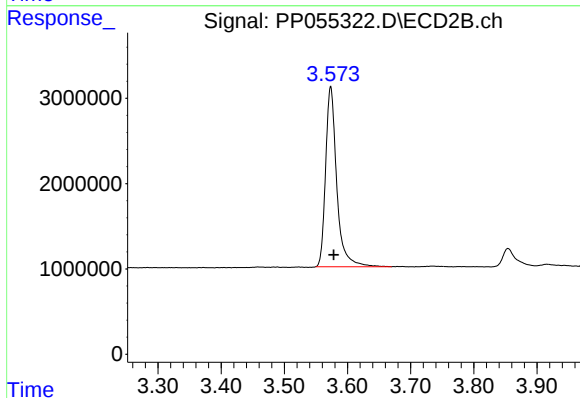




#1 Tetrachloro-m-xylene

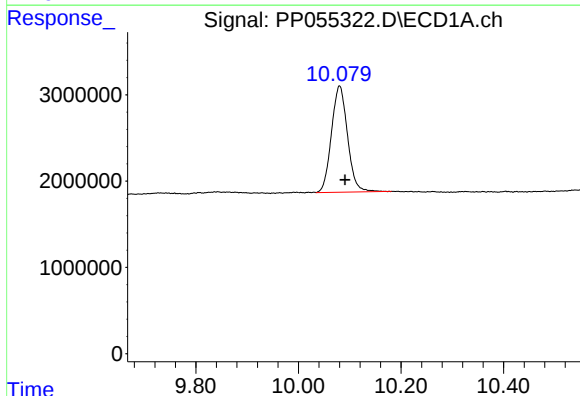
R.T.: 4.327 min
Delta R.T.: -0.005 min
Response: 29029040
Conc: 16.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



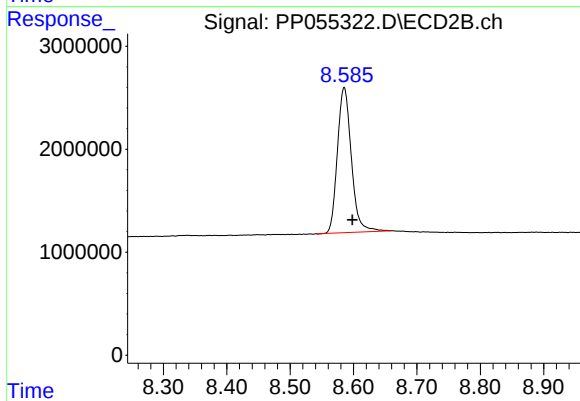
#1 Tetrachloro-m-xylene

R.T.: 3.573 min
Delta R.T.: -0.005 min
Response: 25791110
Conc: 17.18 ng/ml



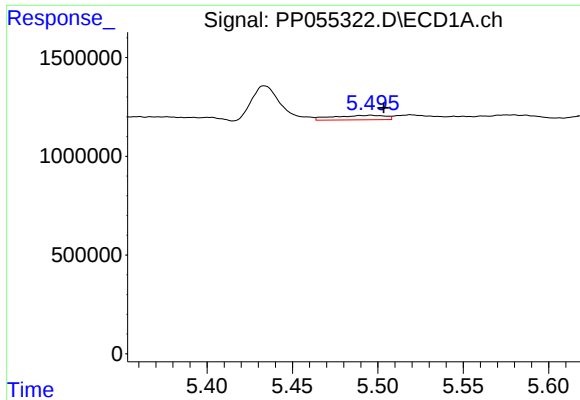
#2 Decachlorobiphenyl

R.T.: 10.080 min
Delta R.T.: -0.011 min
Response: 26797616
Conc: 15.47 ng/ml



#2 Decachlorobiphenyl

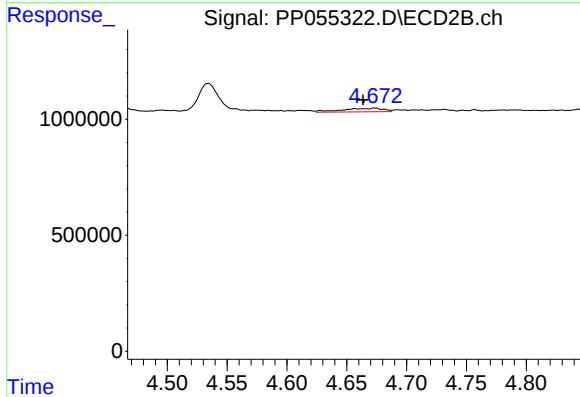
R.T.: 8.585 min
Delta R.T.: -0.013 min
Response: 21570828
Conc: 15.97 ng/ml



#3 AR-1016-1

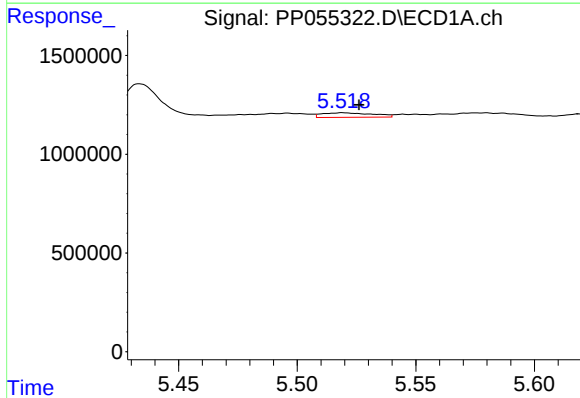
R.T.: 5.496 min
Delta R.T.: -0.007 min
Response: 481508
Conc: 7.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



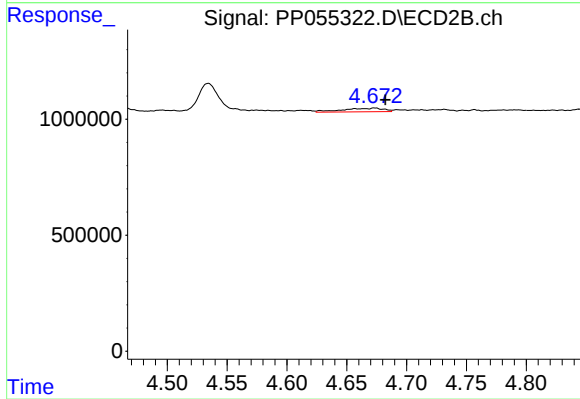
#3 AR-1016-1

R.T.: 4.674 min
Delta R.T.: 0.010 min
Response: 372212
Conc: 7.52 ng/ml



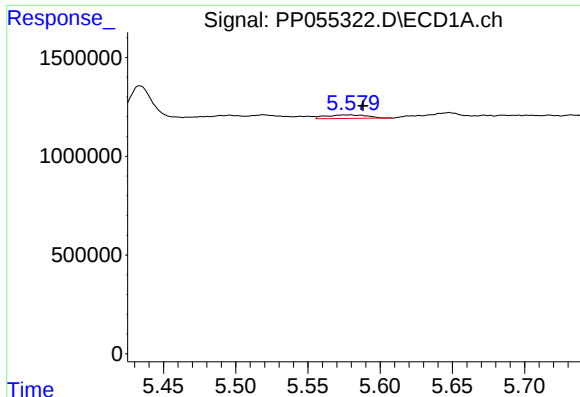
#4 AR-1016-2

R.T.: 5.519 min
Delta R.T.: -0.007 min
Response: 339307
Conc: 3.54 ng/ml



#4 AR-1016-2

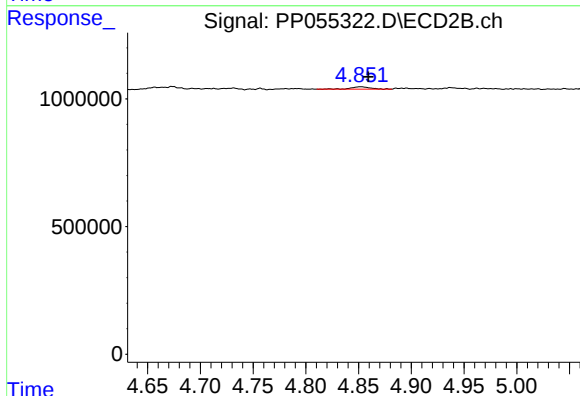
R.T.: 4.674 min
Delta R.T.: -0.009 min
Response: 372212
Conc: 5.38 ng/ml



#5 AR-1016-3

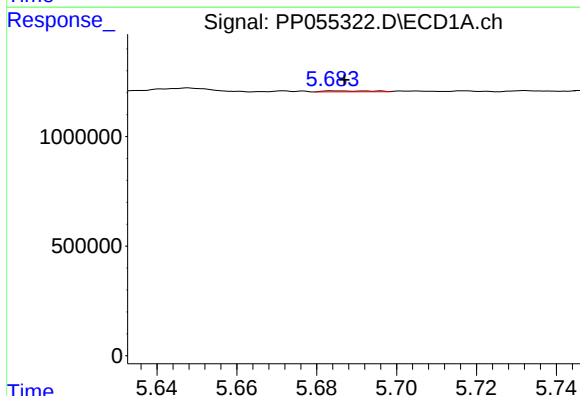
R.T.: 5.579 min
Delta R.T.: -0.009 min
Response: 365633
Conc: 6.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



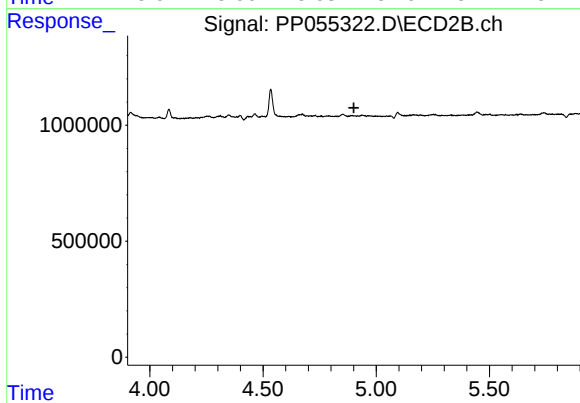
#5 AR-1016-3

R.T.: 4.852 min
Delta R.T.: -0.007 min
Response: 109108
Conc: 2.93 ng/ml



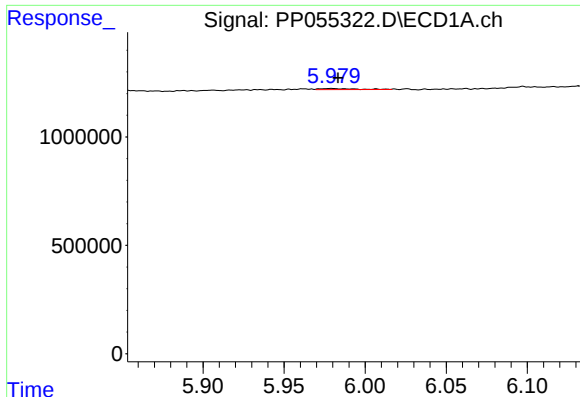
#6 AR-1016-4

R.T.: 5.685 min
Delta R.T.: -0.002 min
Response: 36756
Conc: 0.77 ng/ml



#6 AR-1016-4

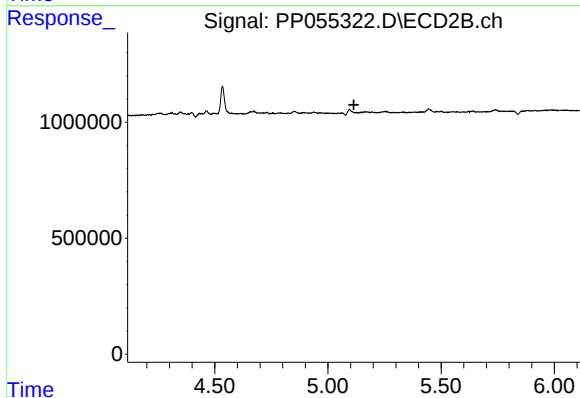
R.T.: 0.000 min
Exp R.T.: 4.901 min
Response: 0
Conc: N.D.



#7 AR-1016-5

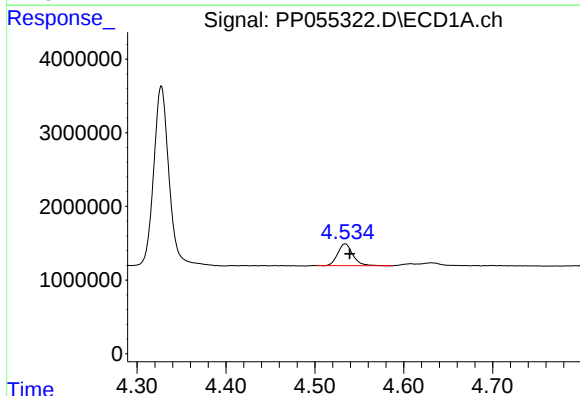
R.T.: 5.979 min
Delta R.T.: -0.004 min
Response: 67451
Conc: 1.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



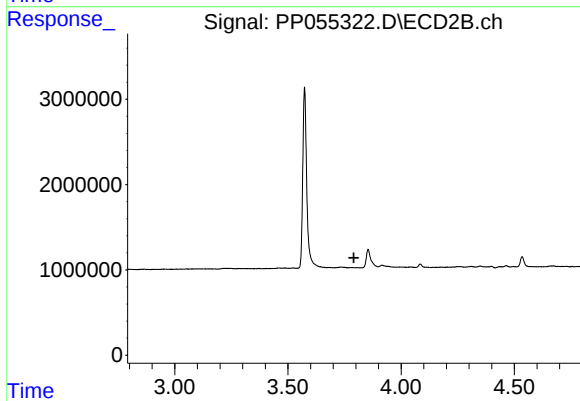
#7 AR-1016-5

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



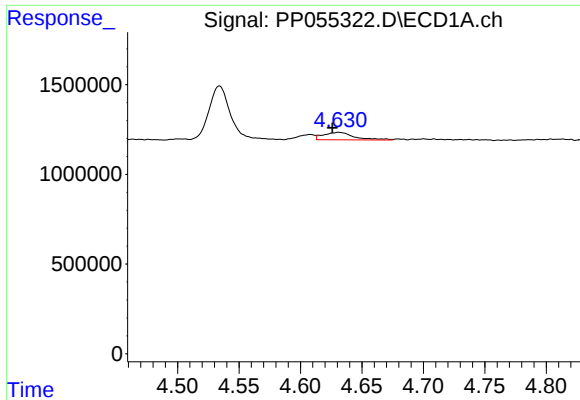
#8 AR-1221-1

R.T.: 4.534 min
Delta R.T.: -0.005 min
Response: 3518280
Conc: 149.62 ng/ml



#8 AR-1221-1

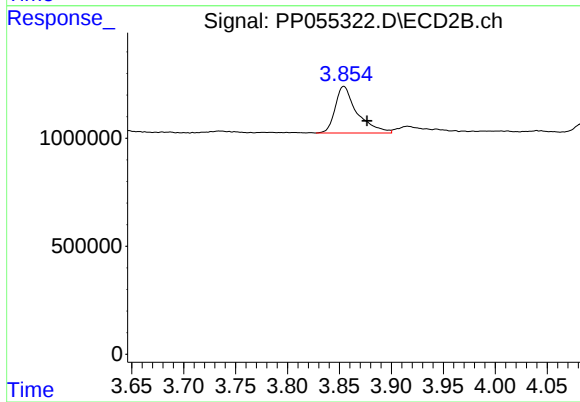
R.T.: 0.000 min
Exp R.T. : 3.791 min
Response: 0
Conc: N.D.



#9 AR-1221-2

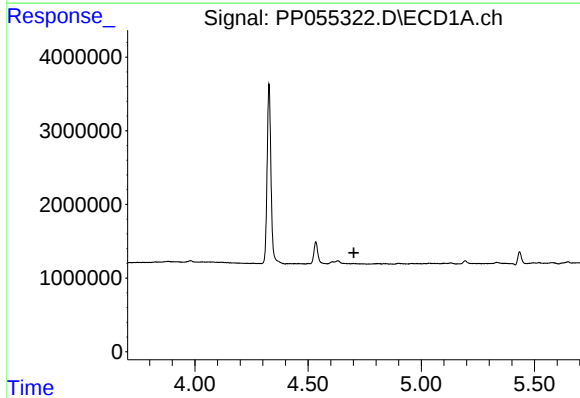
R.T.: 4.631 min
Delta R.T.: 0.005 min
Response: 729388
Conc: 41.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



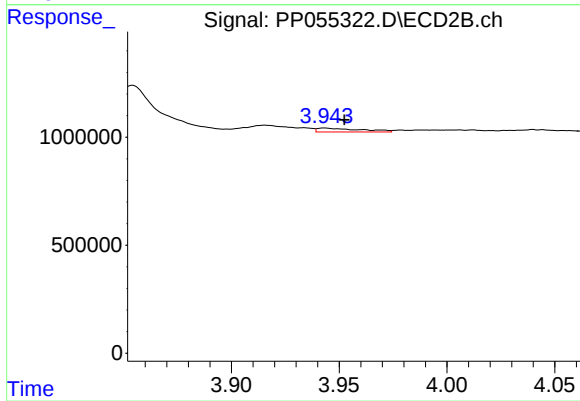
#9 AR-1221-2

R.T.: 3.854 min
Delta R.T.: -0.022 min
Response: 3167089
Conc: 213.67 ng/ml



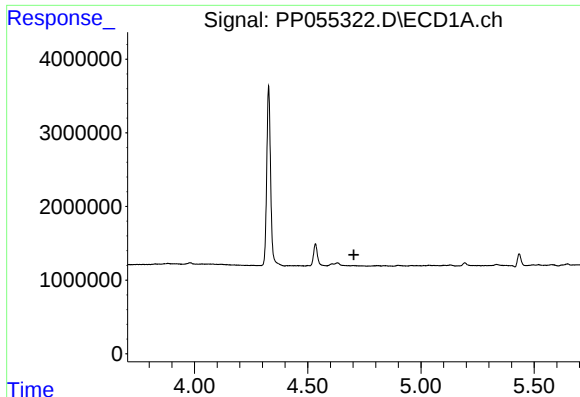
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.702 min
Response: 0
Conc: N.D.



#10 AR-1221-3

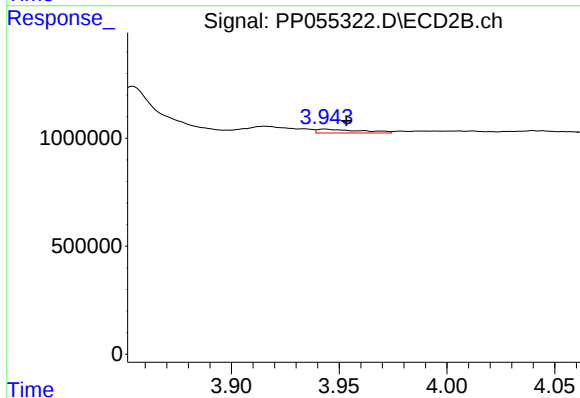
R.T.: 3.943 min
Delta R.T.: -0.009 min
Response: 251906
Conc: 5.58 ng/ml



#11 AR-1232-1

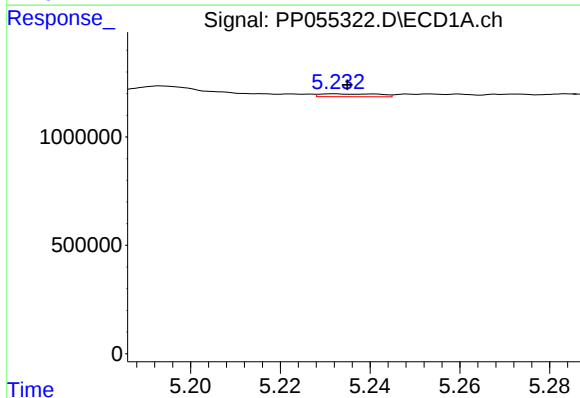
R.T.: 0.000 min
Exp R.T.: 4.704 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



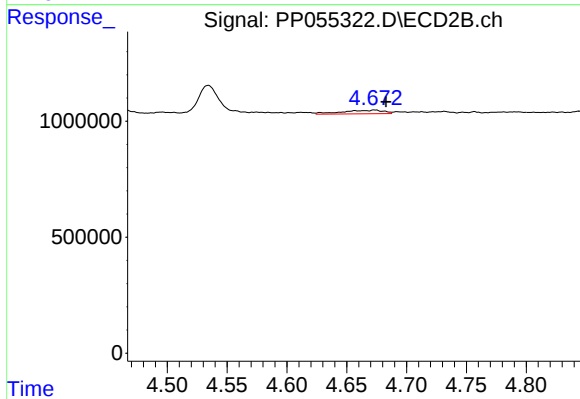
#11 AR-1232-1

R.T.: 3.943 min
Delta R.T.: -0.010 min
Response: 251906
Conc: 6.83 ng/ml



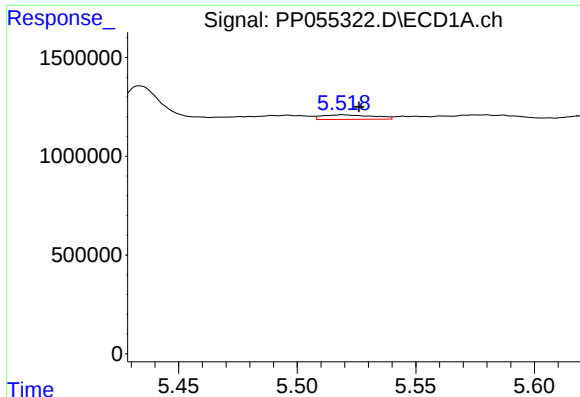
#12 AR-1232-2

R.T.: 5.232 min
Delta R.T.: -0.003 min
Response: 124054
Conc: 5.49 ng/ml



#12 AR-1232-2

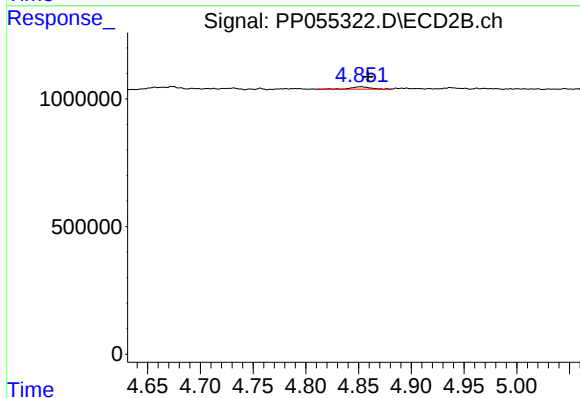
R.T.: 4.674 min
Delta R.T.: -0.009 min
Response: 372212
Conc: 11.65 ng/ml



#13 AR-1232-3

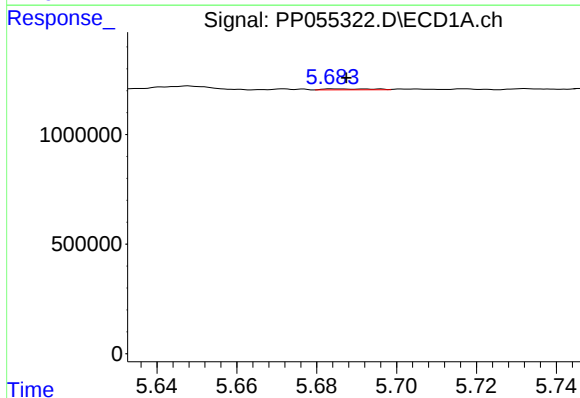
R.T.: 5.519 min
Delta R.T.: -0.007 min
Response: 339307
Conc: 7.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



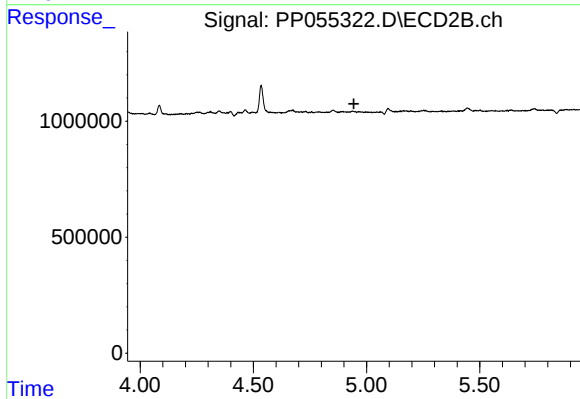
#13 AR-1232-3

R.T.: 4.852 min
Delta R.T.: -0.007 min
Response: 109108
Conc: 6.54 ng/ml



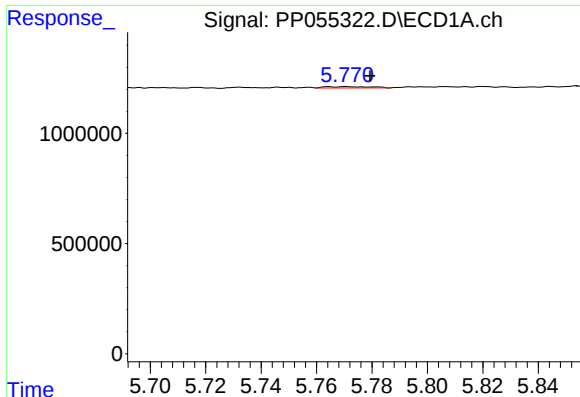
#14 AR-1232-4

R.T.: 5.685 min
Delta R.T.: -0.003 min
Response: 36756
Conc: 1.66 ng/ml



#14 AR-1232-4

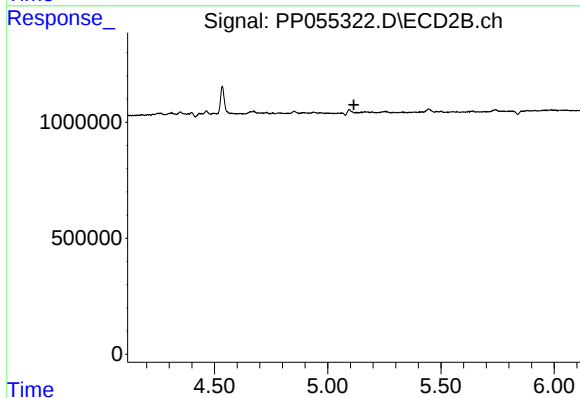
R.T.: 0.000 min
Exp R.T.: 4.944 min
Response: 0
Conc: N.D.



#15 AR-1232-5

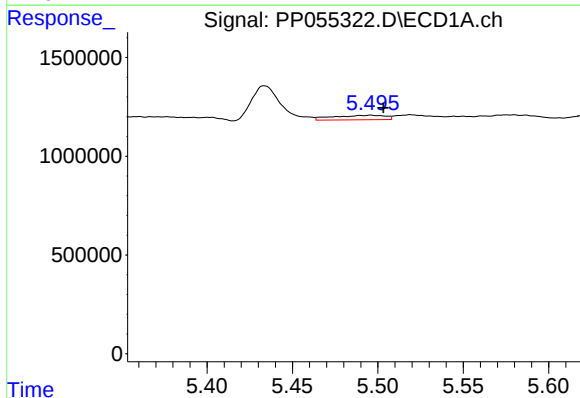
R.T.: 5.771 min
Delta R.T.: -0.008 min
Response: 74056
Conc: 4.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



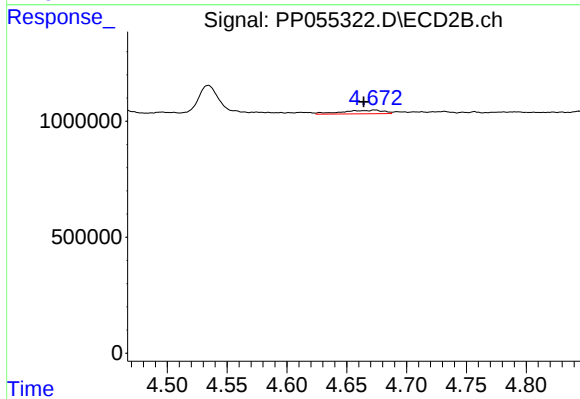
#15 AR-1232-5

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



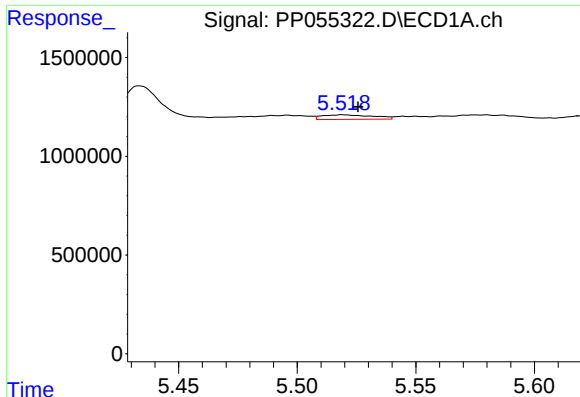
#16 AR-1242-1

R.T.: 5.496 min
Delta R.T.: -0.007 min
Response: 481508
Conc: 8.60 ng/ml



#16 AR-1242-1

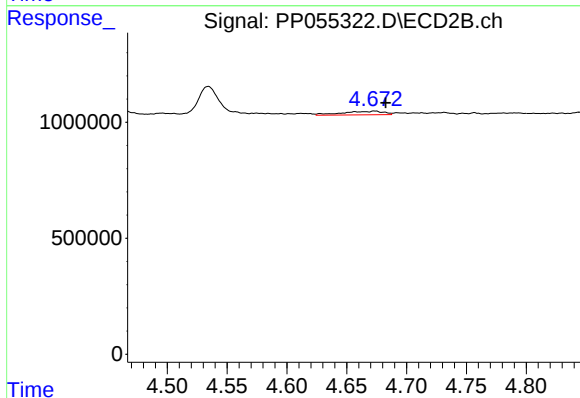
R.T.: 4.674 min
Delta R.T.: 0.009 min
Response: 372212
Conc: 9.09 ng/ml



#17 AR-1242-2

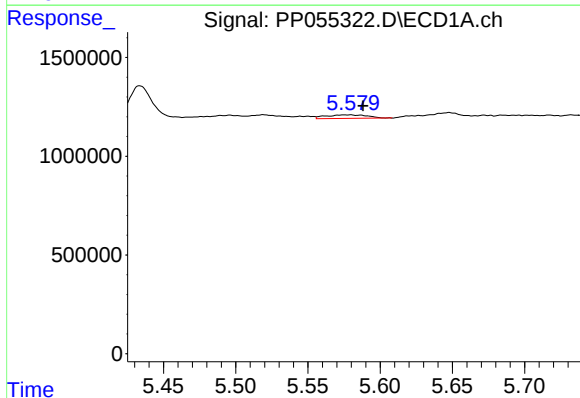
R.T.: 5.519 min
Delta R.T.: -0.006 min
Response: 339307
Conc: 4.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



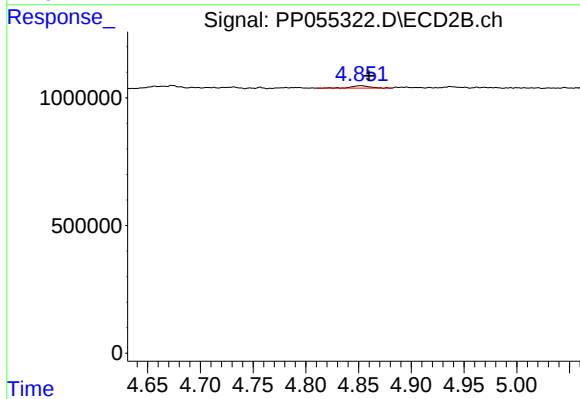
#17 AR-1242-2

R.T.: 4.674 min
Delta R.T.: -0.009 min
Response: 372212
Conc: 6.52 ng/ml



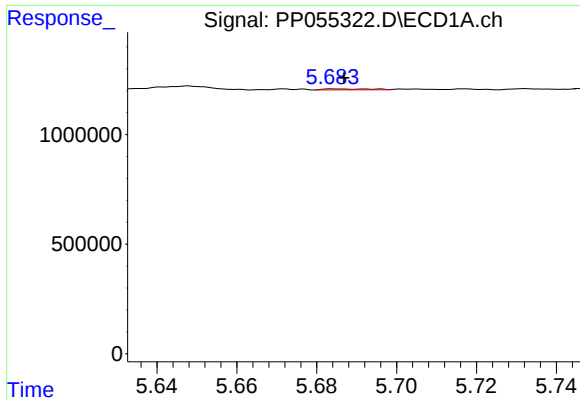
#18 AR-1242-3

R.T.: 5.579 min
Delta R.T.: -0.009 min
Response: 365633
Conc: 7.36 ng/ml



#18 AR-1242-3

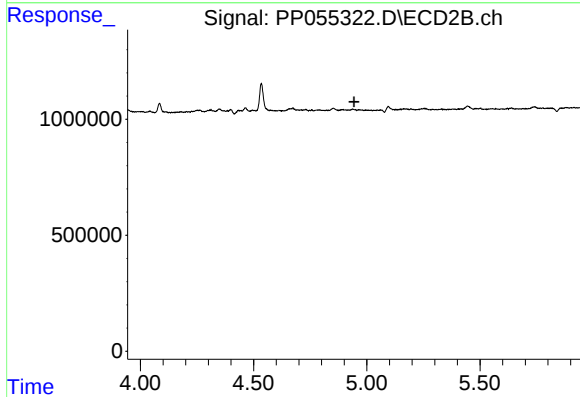
R.T.: 4.852 min
Delta R.T.: -0.008 min
Response: 109108
Conc: 3.53 ng/ml



#19 AR-1242-4

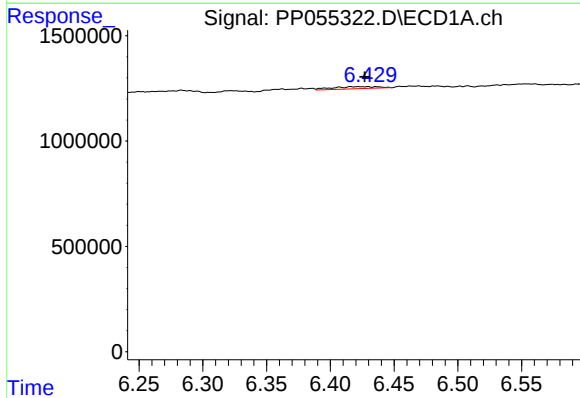
R.T.: 5.685 min
Delta R.T.: -0.002 min
Response: 36756
Conc: 0.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



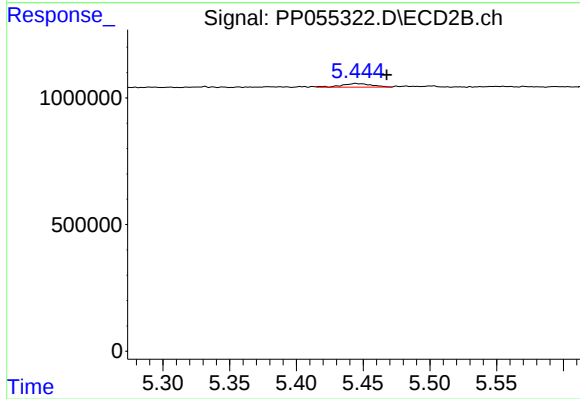
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.943 min
Response: 0
Conc: N.D.



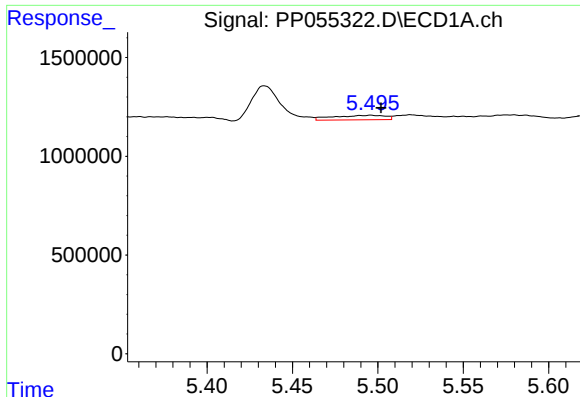
#20 AR-1242-5

R.T.: 6.429 min
Delta R.T.: 0.002 min
Response: 250352
Conc: 5.63 ng/ml



#20 AR-1242-5

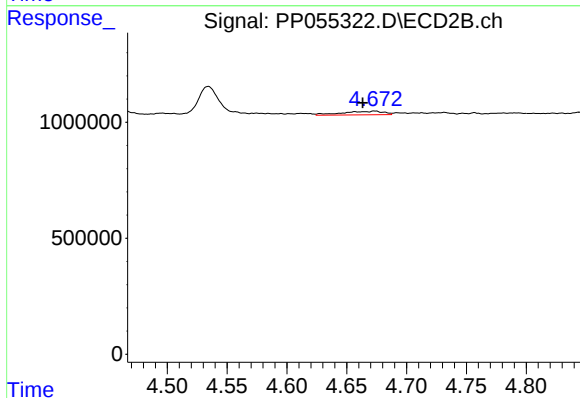
R.T.: 5.444 min
Delta R.T.: -0.023 min
Response: 220181
Conc: 5.89 ng/ml



#21 AR-1248-1

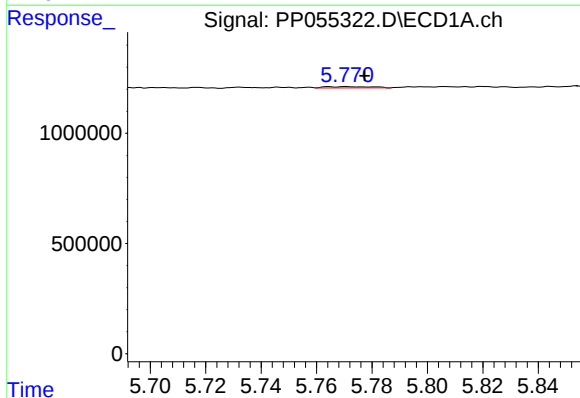
R.T.: 5.496 min
Delta R.T.: -0.006 min
Response: 481508
Conc: 11.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



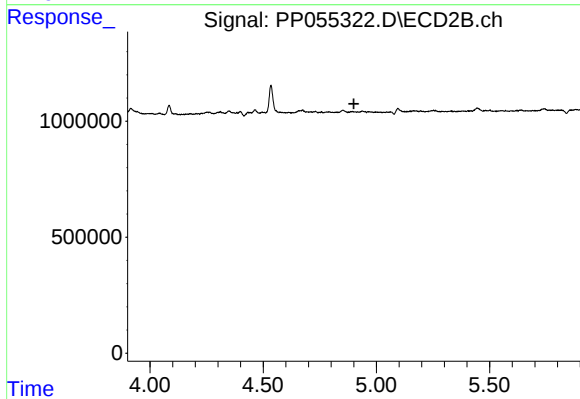
#21 AR-1248-1

R.T.: 4.674 min
Delta R.T.: 0.010 min
Response: 372212
Conc: 12.01 ng/ml



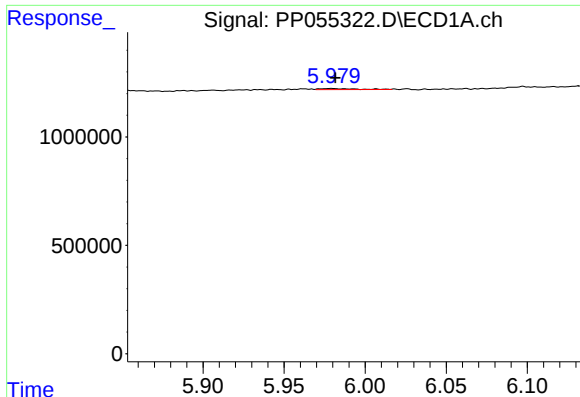
#22 AR-1248-2

R.T.: 5.771 min
Delta R.T.: -0.007 min
Response: 74056
Conc: 1.16 ng/ml



#22 AR-1248-2

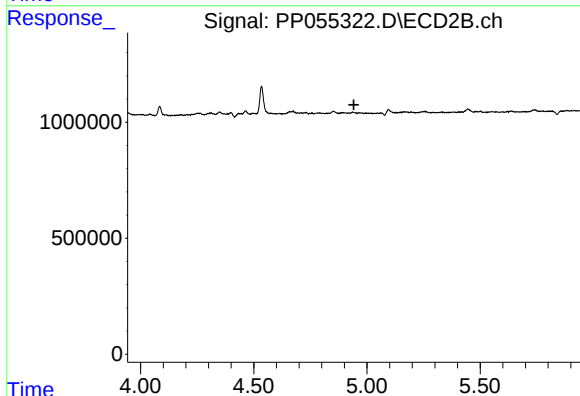
R.T.: 0.000 min
Exp R.T.: 4.901 min
Response: 0
Conc: N.D.



#23 AR-1248-3

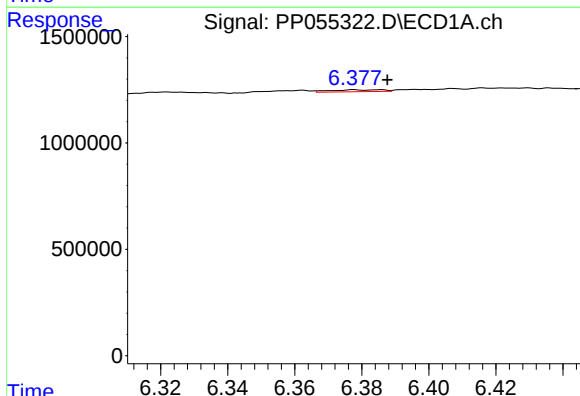
R.T.: 5.979 min
Delta R.T.: -0.002 min
Response: 67451
Conc: 0.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



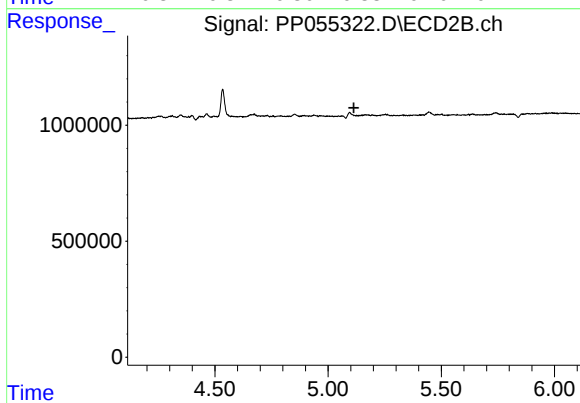
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.942 min
Response: 0
Conc: N.D.



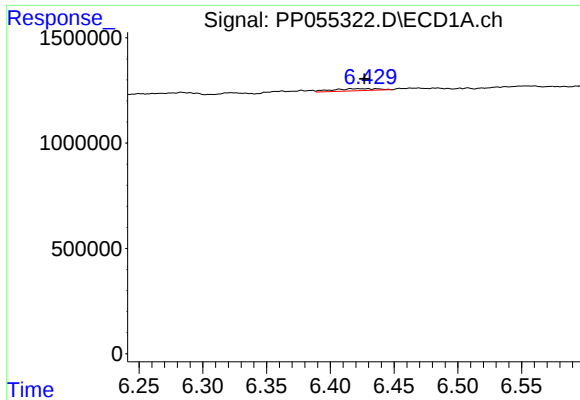
#24 AR-1248-4

R.T.: 6.378 min
Delta R.T.: -0.010 min
Response: 101008
Conc: 1.33 ng/ml



#24 AR-1248-4

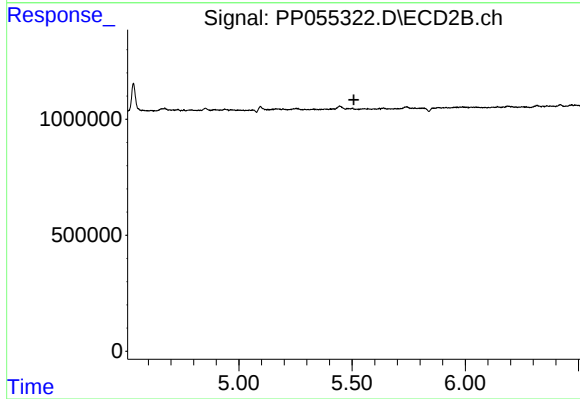
R.T.: 0.000 min
Exp R.T. : 5.114 min
Response: 0
Conc: N.D.



#25 AR-1248-5

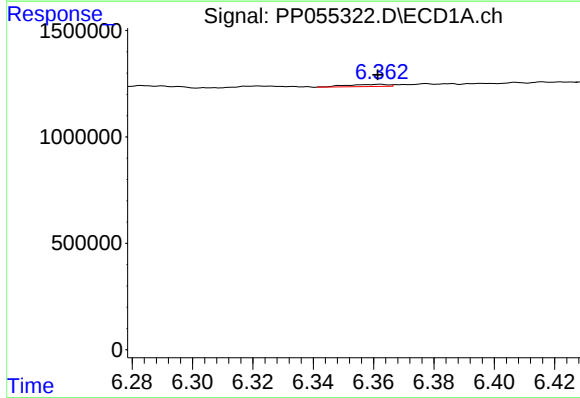
R.T.: 6.429 min
Delta R.T.: 0.003 min
Response: 250352
Conc: 3.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



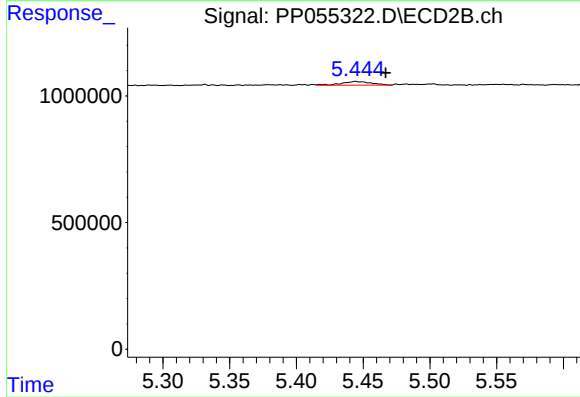
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.508 min
Response: 0
Conc: N.D.



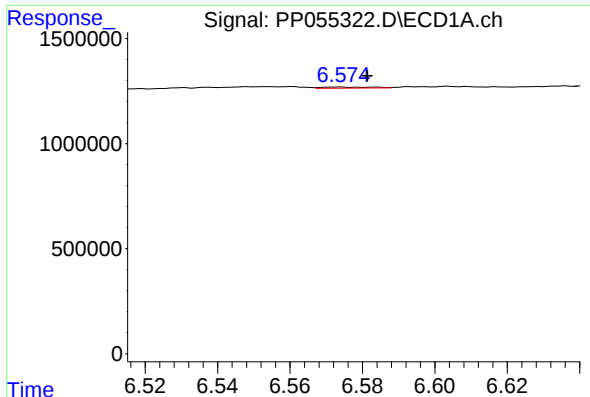
#26 AR-1254-1

R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 93034
Conc: 1.18 ng/ml



#26 AR-1254-1

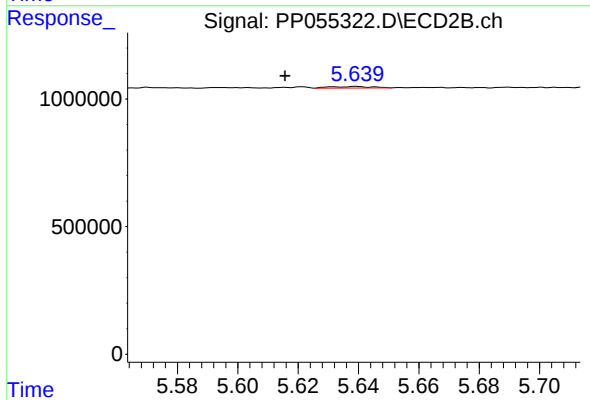
R.T.: 5.444 min
Delta R.T.: -0.023 min
Response: 220181
Conc: 2.73 ng/ml



#27 AR-1254-2

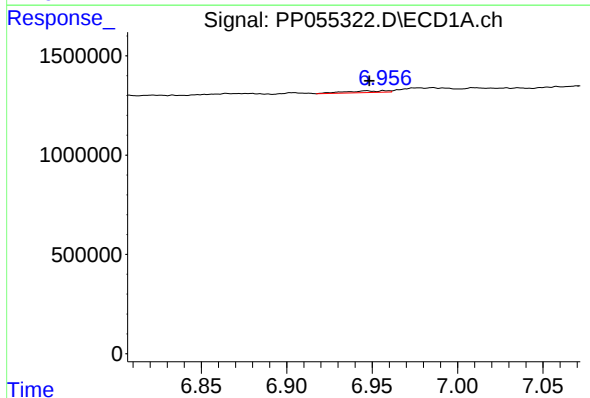
R.T.: 6.573 min
Delta R.T.: -0.008 min
Response: 51723
Conc: 0.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



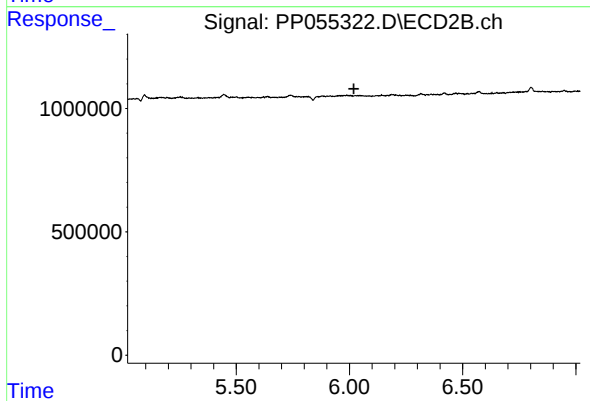
#27 AR-1254-2

R.T.: 5.639 min
Delta R.T.: 0.024 min
Response: 54739
Conc: 0.76 ng/ml



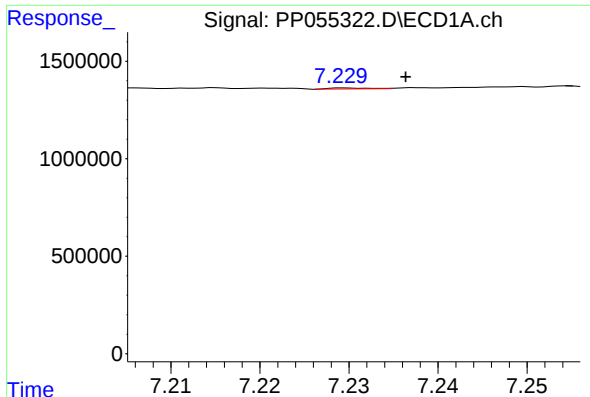
#28 AR-1254-3

R.T.: 6.947 min
Delta R.T.: -0.002 min
Response: 145132
Conc: 1.18 ng/ml



#28 AR-1254-3

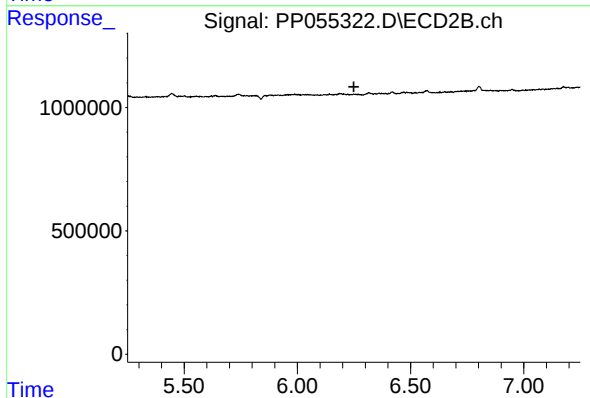
R.T.: 0.000 min
Exp R.T. : 6.020 min
Response: 0
Conc: N.D.



#29 AR-1254-4

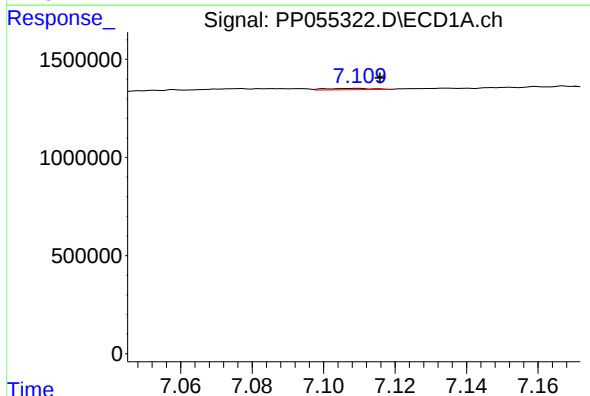
R.T.: 7.230 min
Delta R.T.: -0.006 min
Response: 13988
Conc: 0.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



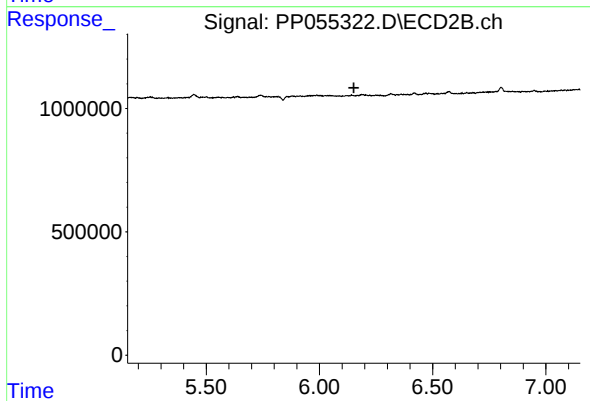
#29 AR-1254-4

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



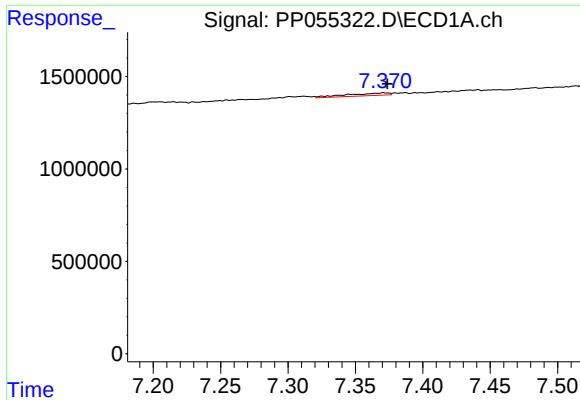
#31 AR-1260-1

R.T.: 7.109 min
Delta R.T.: -0.007 min
Response: 60309
Conc: 0.63 ng/ml



#31 AR-1260-1

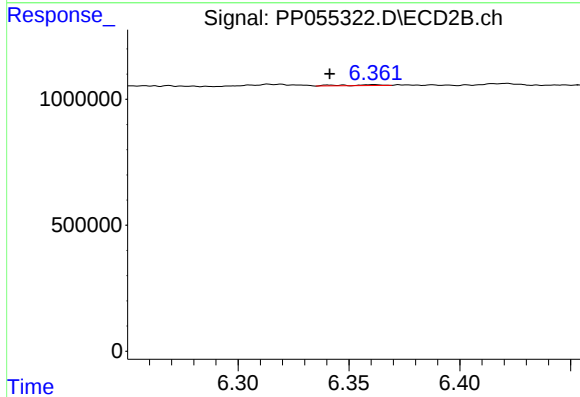
R.T.: 0.000 min
Exp R.T. : 6.152 min
Response: 0
Conc: N.D.



#32 AR-1260-2

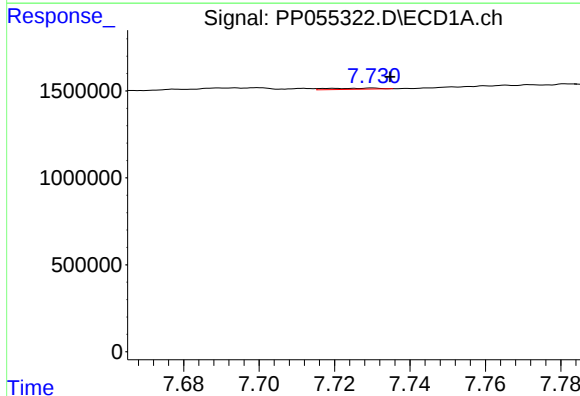
R.T.: 7.371 min
Delta R.T.: -0.002 min
Response: 303277
Conc: 2.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



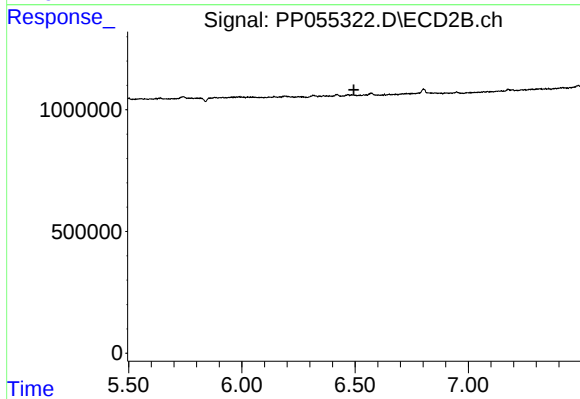
#32 AR-1260-2

R.T.: 6.361 min
Delta R.T.: 0.020 min
Response: 39648
Conc: 0.44 ng/ml



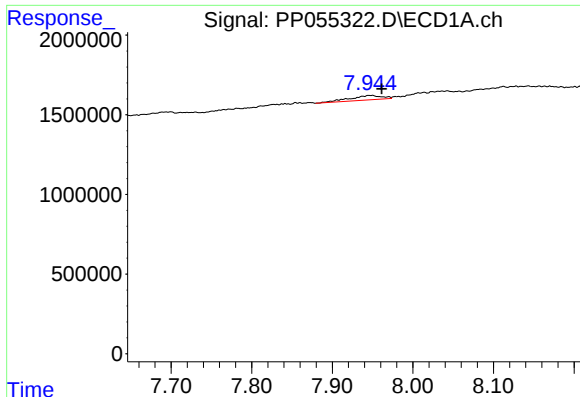
#33 AR-1260-3

R.T.: 7.730 min
Delta R.T.: -0.005 min
Response: 61077
Conc: 0.76 ng/ml



#33 AR-1260-3

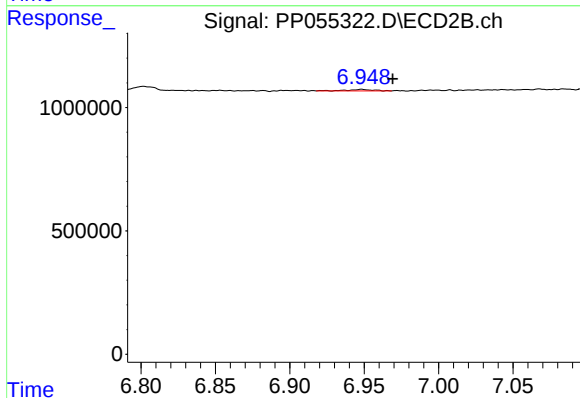
R.T.: 0.000 min
Exp R.T. : 6.495 min
Response: 0
Conc: N.D.



#34 AR-1260-4

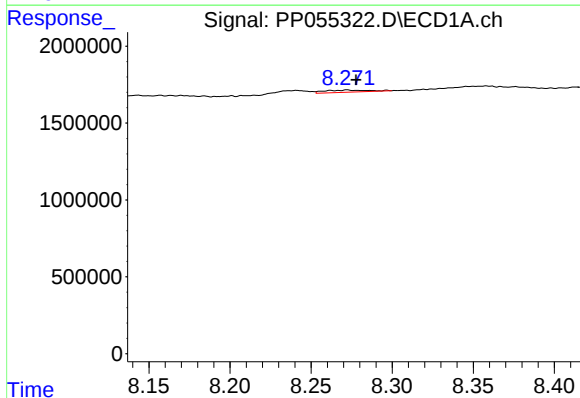
R.T.: 7.950 min
Delta R.T.: -0.012 min
Response: 772315
Conc: 7.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



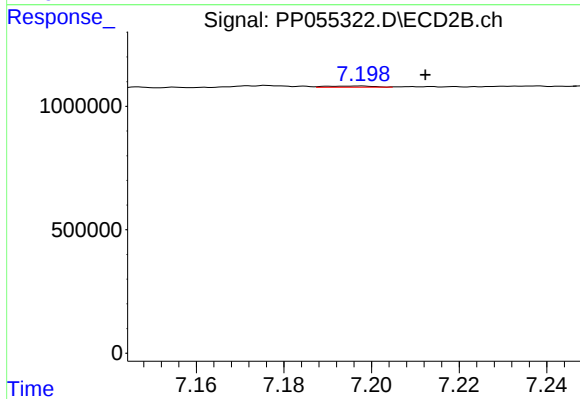
#34 AR-1260-4

R.T.: 6.948 min
Delta R.T.: -0.021 min
Response: 68200
Conc: 0.95 ng/ml



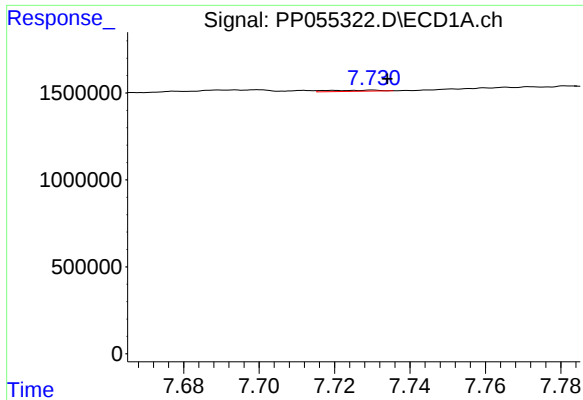
#35 AR-1260-5

R.T.: 8.272 min
Delta R.T.: -0.006 min
Response: 254655
Conc: 1.43 ng/ml



#35 AR-1260-5

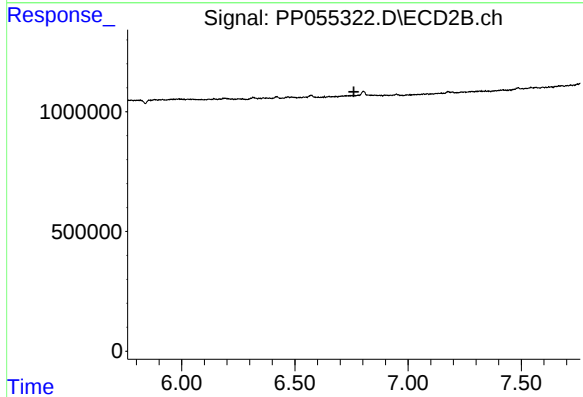
R.T.: 7.197 min
Delta R.T.: -0.015 min
Response: 36968
Conc: 0.24 ng/ml



#36 AR-1262-1

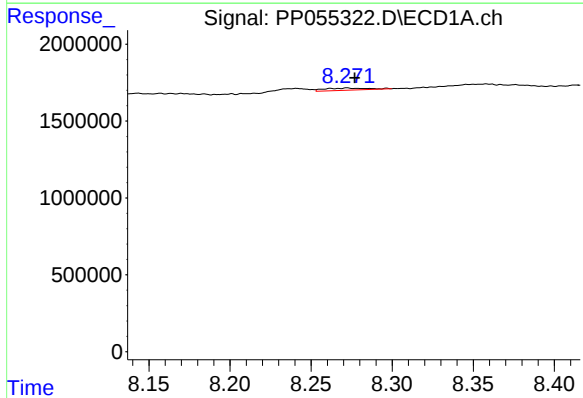
R.T.: 7.730 min
Delta R.T.: -0.004 min
Response: 61077
Conc: 0.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



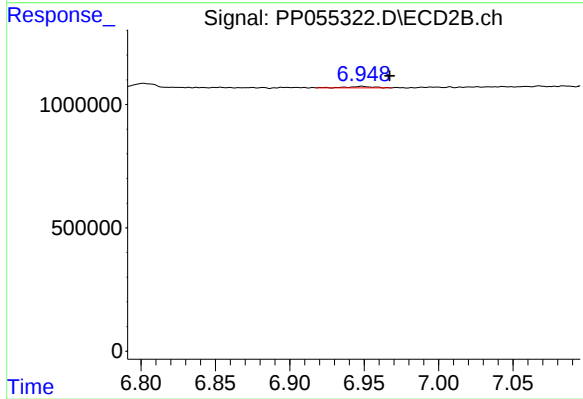
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.760 min
Response: 0
Conc: N.D.



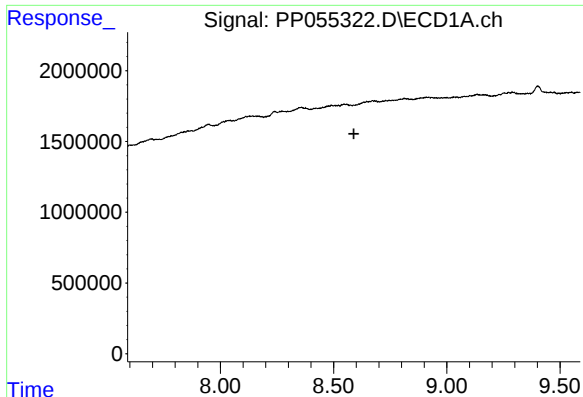
#37 AR-1262-2

R.T.: 8.272 min
Delta R.T.: -0.005 min
Response: 254655
Conc: 1.26 ng/ml



#37 AR-1262-2

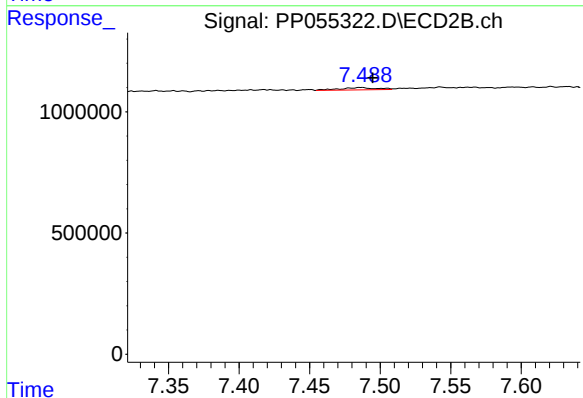
R.T.: 6.948 min
Delta R.T.: -0.019 min
Response: 68200
Conc: 0.74 ng/ml



#38 AR-1262-3

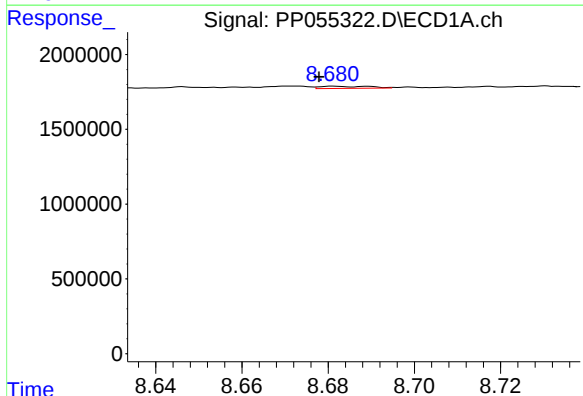
R.T.: 0.000 min
Exp R.T.: 8.589 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



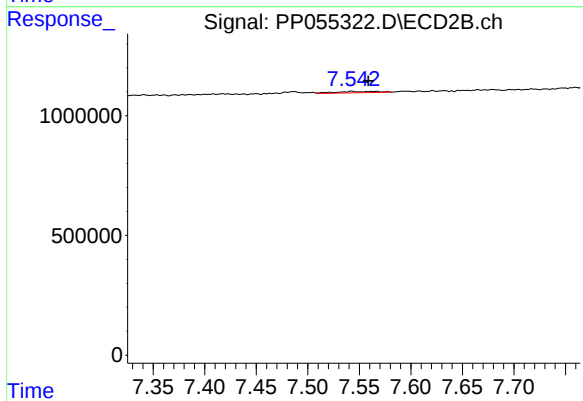
#38 AR-1262-3

R.T.: 7.486 min
Delta R.T.: -0.009 min
Response: 166624
Conc: 2.29 ng/ml



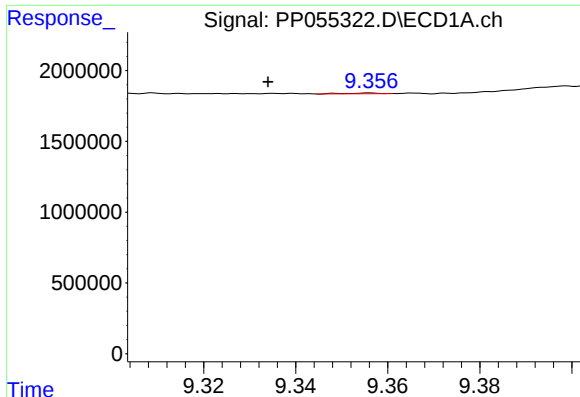
#39 AR-1262-4

R.T.: 8.681 min
Delta R.T.: 0.003 min
Response: 117096
Conc: 1.52 ng/ml



#39 AR-1262-4

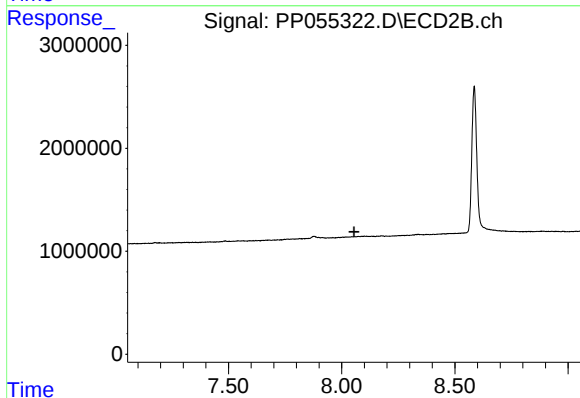
R.T.: 7.543 min
Delta R.T.: -0.016 min
Response: 170437
Conc: 1.30 ng/ml



#40 AR-1262-5

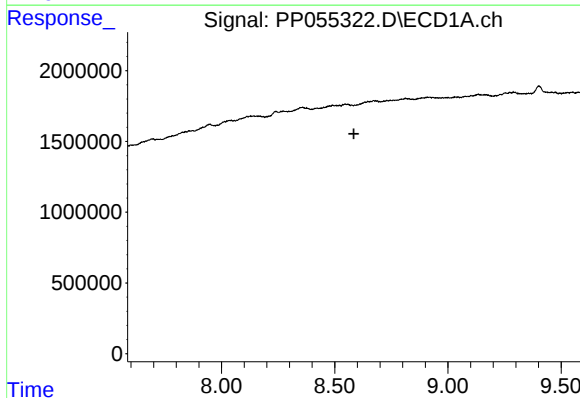
R.T.: 9.356 min
Delta R.T.: 0.022 min
Response: 22561
Conc: 0.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



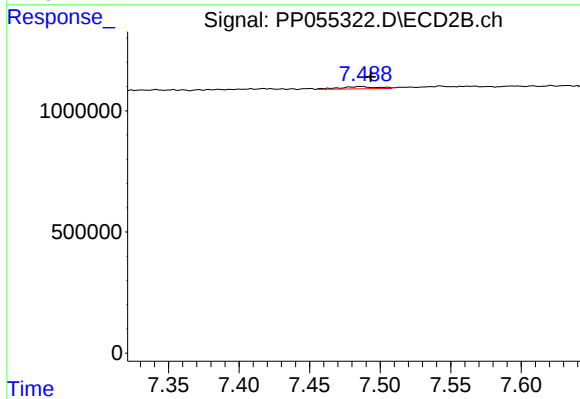
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.054 min
Response: 0
Conc: N.D.



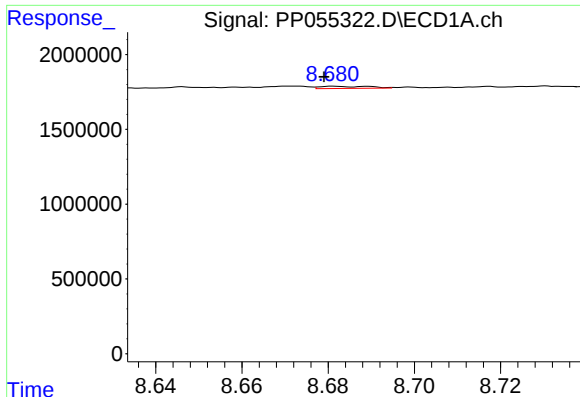
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.585 min
Response: 0
Conc: N.D.



#41 AR-1268-1

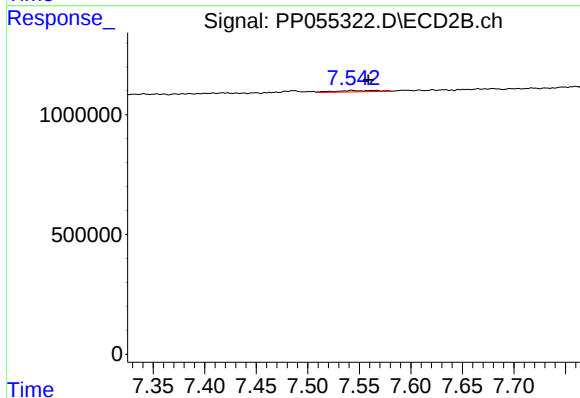
R.T.: 7.486 min
Delta R.T.: -0.007 min
Response: 166624
Conc: 0.77 ng/ml



#42 AR-1268-2

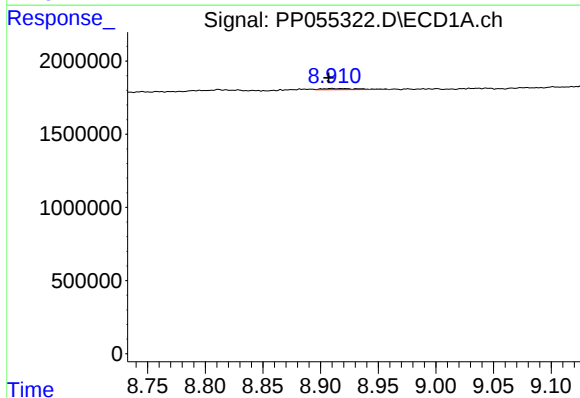
R.T.: 8.681 min
Delta R.T.: 0.002 min
Response: 117096
Conc: 0.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



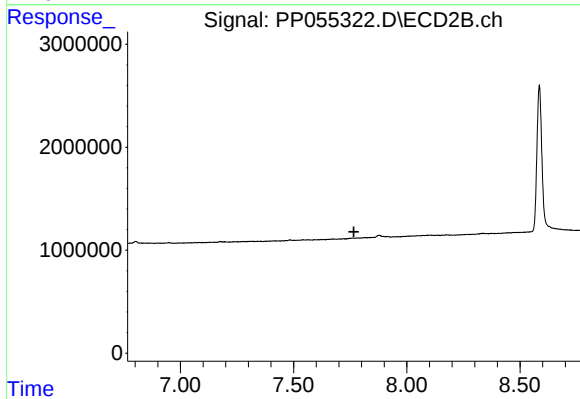
#42 AR-1268-2

R.T.: 7.543 min
Delta R.T.: -0.016 min
Response: 170437
Conc: 0.87 ng/ml



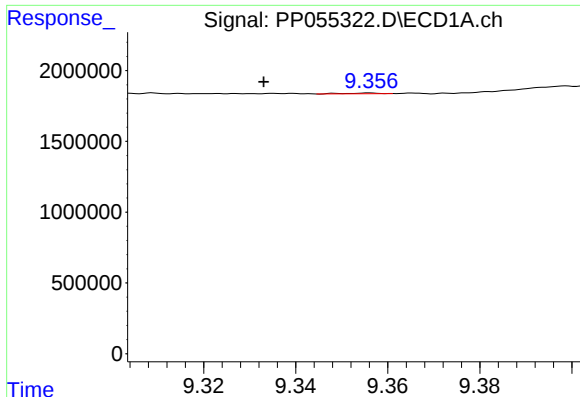
#43 AR-1268-3

R.T.: 8.910 min
Delta R.T.: 0.003 min
Response: 172339
Conc: 0.86 ng/ml



#43 AR-1268-3

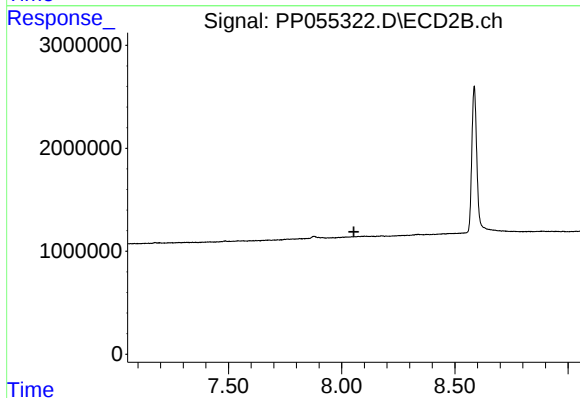
R.T.: 0.000 min
Exp R.T. : 7.766 min
Response: 0
Conc: N.D.



#44 AR-1268-4

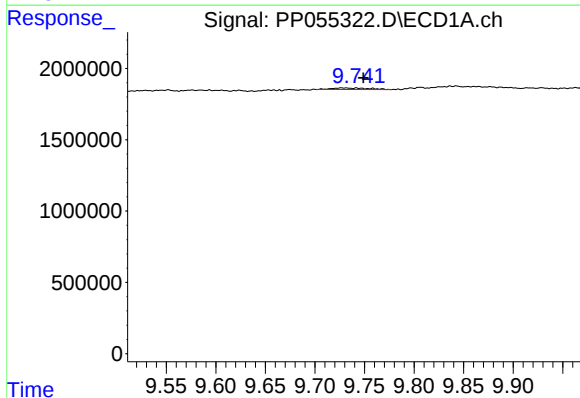
R.T.: 9.356 min
Delta R.T.: 0.023 min
Response: 22561
Conc: 0.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



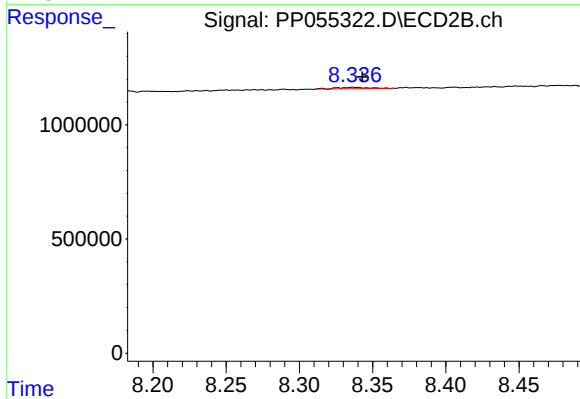
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.054 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.727 min
Delta R.T.: -0.022 min
Response: 290968
Conc: 0.46 ng/ml



#45 AR-1268-5

R.T.: 8.337 min
Delta R.T.: -0.006 min
Response: 96699
Conc: 0.18 ng/ml