

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP011923\
 Data File : PP054722.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jan 2023 15:33
 Operator : YP\AJ
 Sample : 01220-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 19 20:54:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP011723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 18 04:34:06 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...	4.332	3.579	41366681	35333673	22.529	22.074
2)	SA Decachlor...	10.092	8.599	29530156	29065939	22.000	20.297
Target Compounds							
3)	L1 AR-1016-1	5.506	4.683f	149810	229174	2.313	4.550 #
4)	L1 AR-1016-2	5.532	4.683	321328	229174	3.400	3.210
5)	L1 AR-1016-3	5.590	4.862	219220	176121	3.676	4.524
7)	L1 AR-1016-5	5.995	5.104	107317	384371	2.217	8.773 #
8)	L2 AR-1221-1	4.539	0.000	639708	0	27.953	N.D. #
9)	L2 AR-1221-2	4.639	3.877	965552	624953	54.862	41.602
10)	L2 AR-1221-3	4.716	0.000	48755	0	0.917	N.D. #
11)	L3 AR-1232-1	4.716	0.000	48755	0	1.097	N.D. #
12)	L3 AR-1232-2	5.234	4.683	151950	229174	6.303	7.011
13)	L3 AR-1232-3	5.532	4.862	321328	176121	7.455	10.241 #
14)	L3 AR-1232-4	5.696	4.953	-84974	120885	N.D.	6.978 #
15)	L3 AR-1232-5	5.782	5.104	61493	384371	3.574	20.310 #
16)	L4 AR-1242-1	5.506	4.683f	149810	229174	2.771	5.432 #
17)	L4 AR-1242-2	5.532	4.683	321328	229174	4.119	3.903
18)	L4 AR-1242-3	5.590	4.862	219220	176121	4.463	5.490
19)	L4 AR-1242-4	5.696	4.953	-84974	120885	N.D.	3.445 #
20)	L4 AR-1242-5	6.437	5.469	605180	72034	16.773	1.895 #
21)	L5 AR-1248-1	5.506	4.683f	149810	229174	3.762	7.324 #
22)	L5 AR-1248-2	5.782	0.000	61493	0	1.036	N.D. #
23)	L5 AR-1248-3	5.995	4.953	107317	120885	1.626	2.379 #
24)	L5 AR-1248-4	6.367f	5.104	296458	384371	4.437	6.465 #
25)	L5 AR-1248-5	6.437	0.000	605180	0	9.308	N.D. #
26)	L6 AR-1254-1	6.367	5.469	296458	72034	4.194	0.847 #
27)	L6 AR-1254-2	6.585	5.622	206265	53705	2.155	0.738 #
28)	L6 AR-1254-3	6.961	6.020	331887	166140	3.825	1.468 #
29)	L6 AR-1254-4	7.237	6.255	1225587	89173	19.563	1.433 #
30)	L6 AR-1254-5	7.667	6.671	465116	190104	6.647	2.006 #
31)	L7 AR-1260-1	7.116	6.151	158576	132511	2.309	1.596 #
32)	L7 AR-1260-2	7.363	6.346	294053	232298	3.677	2.524 #
33)	L7 AR-1260-3	7.740	6.488	23984	218400	0.398	2.430 #
34)	L7 AR-1260-4	7.963	6.971	73097	111652	1.045	1.483 #
35)	L7 AR-1260-5	8.286	7.212	171977	148598	1.320	0.935 #
36)	L8 AR-1262-1	7.740	6.759	23984	50580	0.293	1.192 #
37)	L8 AR-1262-2	8.286	6.971	171977	111652	1.215	1.214
38)	L8 AR-1262-3	8.598	7.506	52500	108433	0.509	1.509 #
39)	L8 AR-1262-4	8.687	7.555	637987	255157	12.833	1.973 #
40)	L8 AR-1262-5	9.345	0.000	22702	0	0.399	N.D. #
41)	L9 AR-1268-1	8.598	7.506	52500	108433	0.285	0.502 #
42)	L9 AR-1268-2	8.687	7.555	637987	255157	3.764	1.303 #

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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	8.919	7.774	62262	93887	0.418	0.531 #
44) L9	AR-1268-4	9.345	0.000	22702	0	0.352	N.D. #
45) L9	AR-1268-5	9.754	8.348	256704	176975	0.532	0.344 #

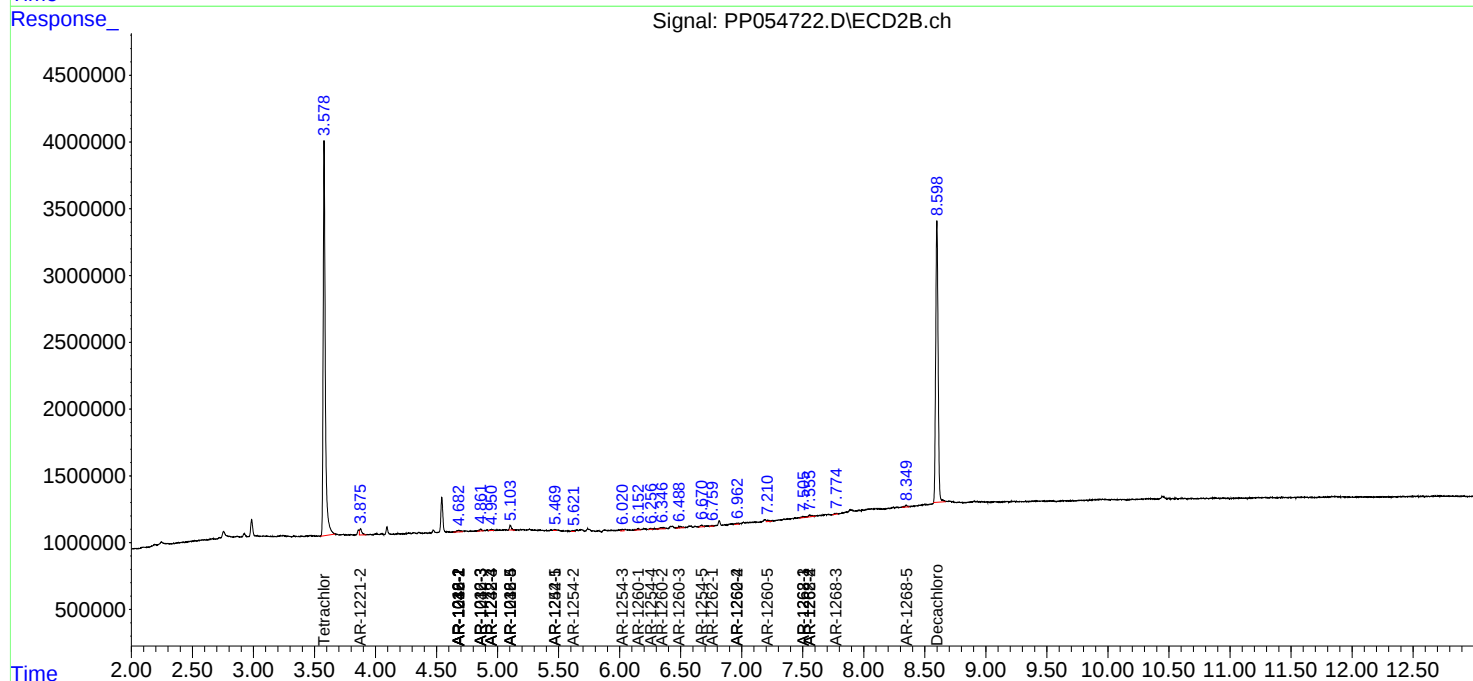
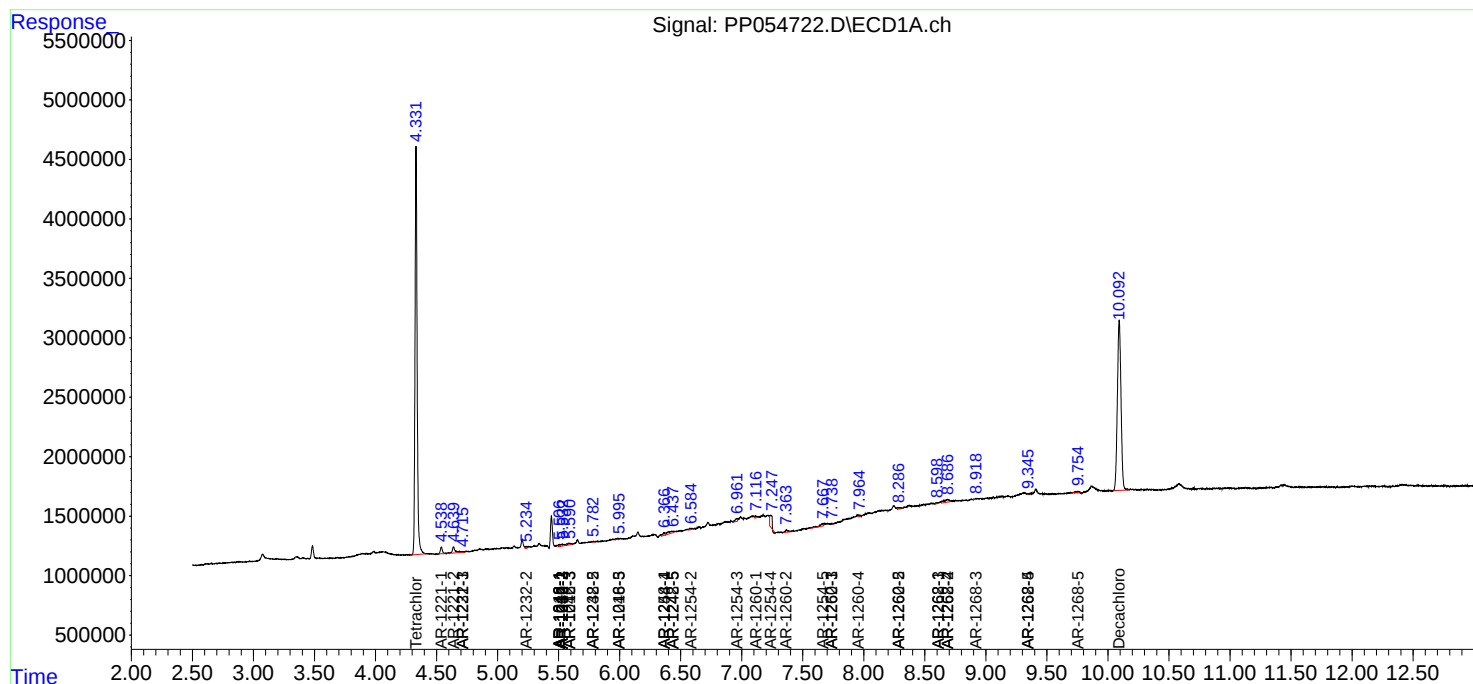
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

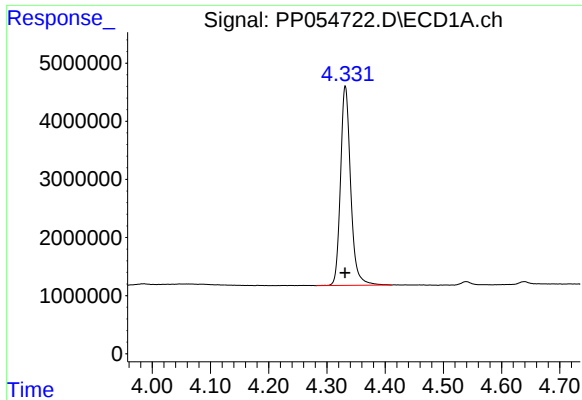
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

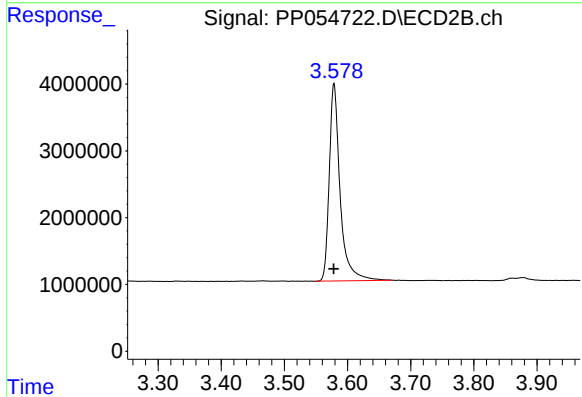




#1 Tetrachloro-m-xylene

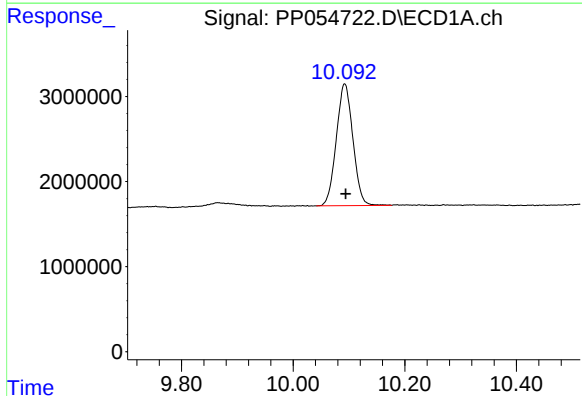
R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 41366681
Conc: 22.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



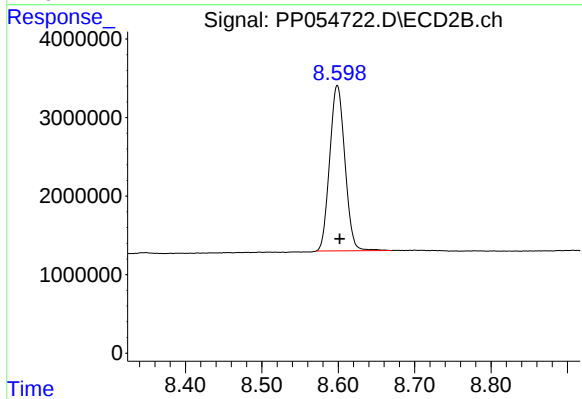
#1 Tetrachloro-m-xylene

R.T.: 3.579 min
Delta R.T.: 0.000 min
Response: 35333673
Conc: 22.07 ng/ml



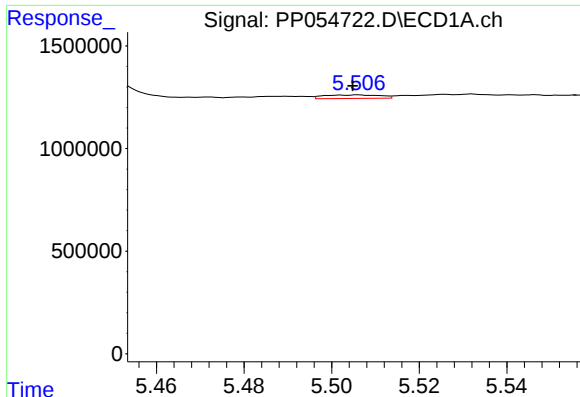
#2 Decachlorobiphenyl

R.T.: 10.092 min
Delta R.T.: -0.002 min
Response: 29530156
Conc: 22.00 ng/ml



#2 Decachlorobiphenyl

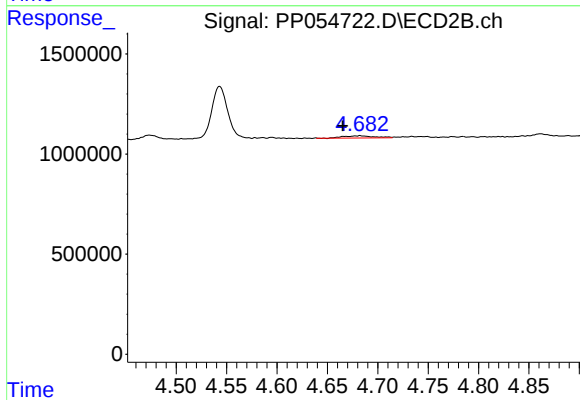
R.T.: 8.599 min
Delta R.T.: -0.003 min
Response: 29065939
Conc: 20.30 ng/ml



#3 AR-1016-1

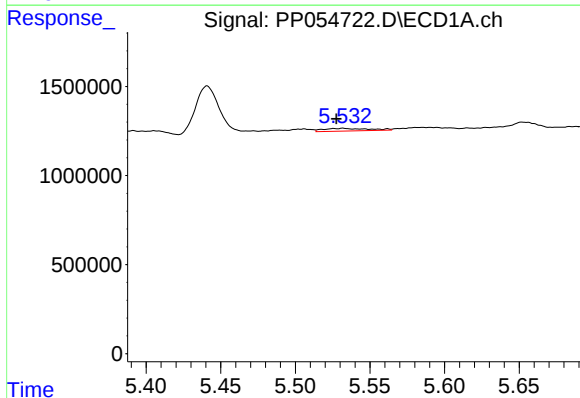
R.T.: 5.506 min
Delta R.T.: 0.001 min
Response: 149810
Conc: 2.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



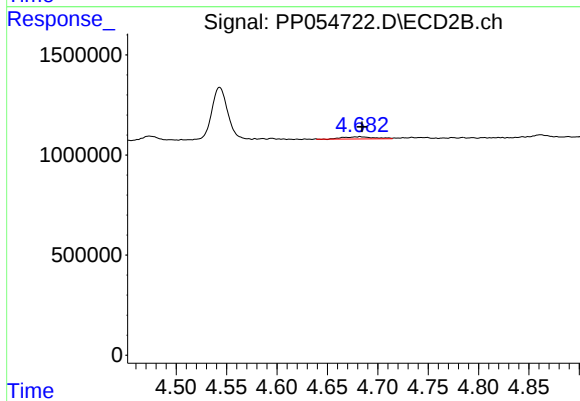
#3 AR-1016-1

R.T.: 4.683 min
Delta R.T.: 0.017 min
Response: 229174
Conc: 4.55 ng/ml



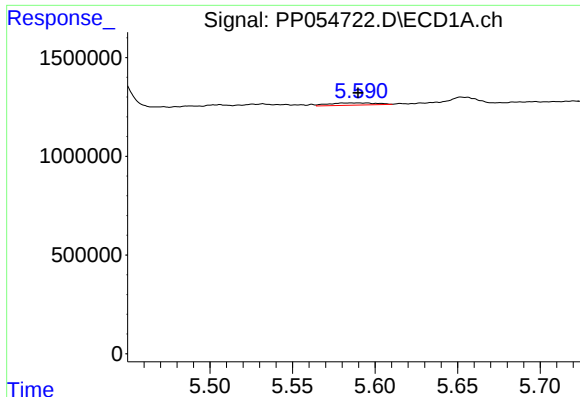
#4 AR-1016-2

R.T.: 5.532 min
Delta R.T.: 0.005 min
Response: 321328
Conc: 3.40 ng/ml



#4 AR-1016-2

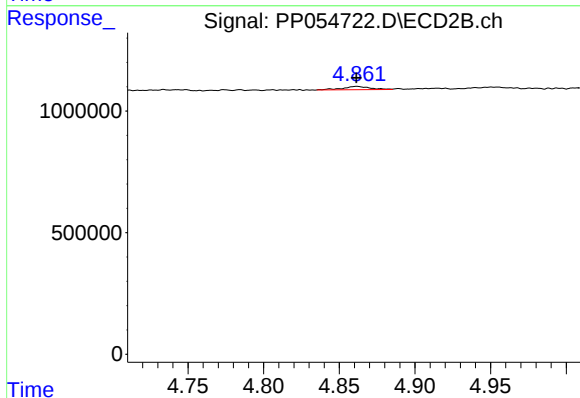
R.T.: 4.683 min
Delta R.T.: -0.002 min
Response: 229174
Conc: 3.21 ng/ml



#5 AR-1016-3

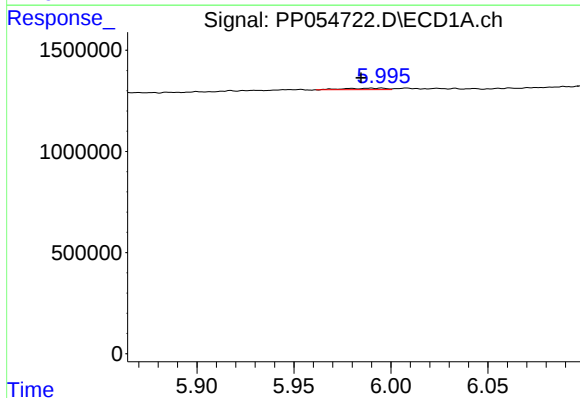
R.T.: 5.590 min
Delta R.T.: 0.000 min
Response: 219220
Conc: 3.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



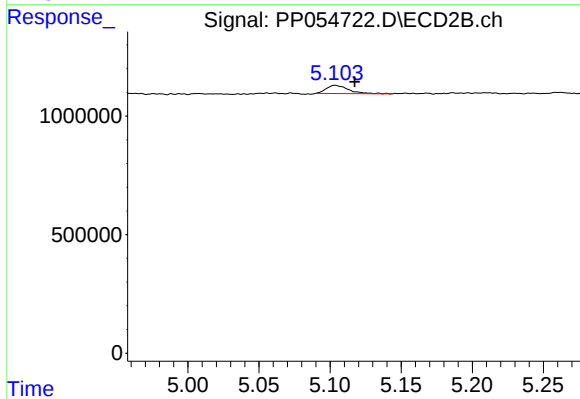
#5 AR-1016-3

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 176121
Conc: 4.52 ng/ml



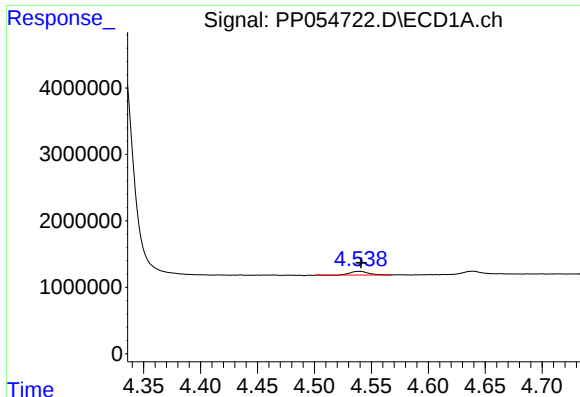
#7 AR-1016-5

R.T.: 5.995 min
Delta R.T.: 0.011 min
Response: 107317
Conc: 2.22 ng/ml



#7 AR-1016-5

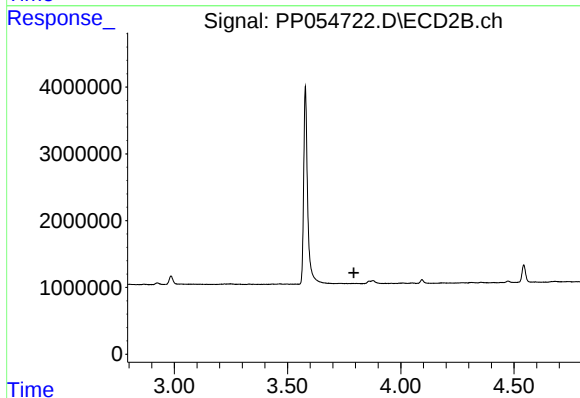
R.T.: 5.104 min
Delta R.T.: -0.014 min
Response: 384371
Conc: 8.77 ng/ml



#8 AR-1221-1

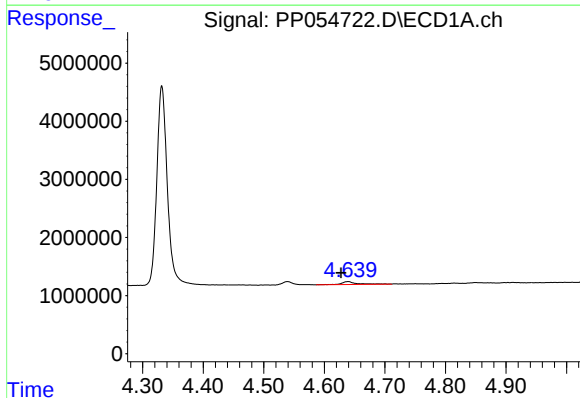
R.T.: 4.539 min
Delta R.T.: -0.002 min
Response: 639708
Conc: 27.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



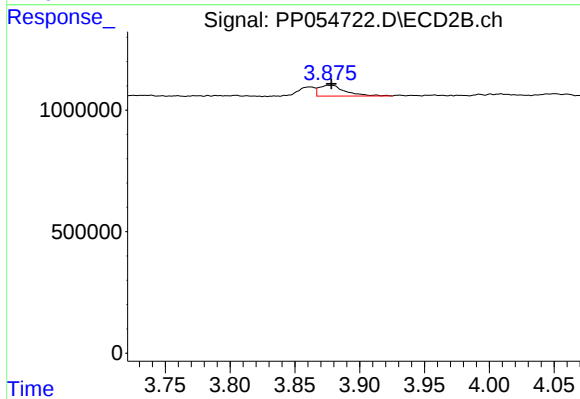
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.793 min
Response: 0
Conc: N.D.



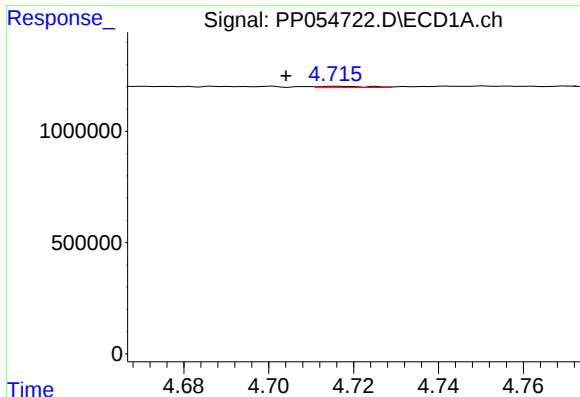
#9 AR-1221-2

R.T.: 4.639 min
Delta R.T.: 0.012 min
Response: 965552
Conc: 54.86 ng/ml



#9 AR-1221-2

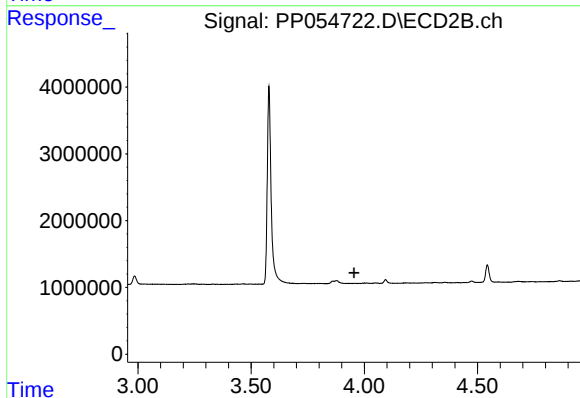
R.T.: 3.877 min
Delta R.T.: -0.001 min
Response: 624953
Conc: 41.60 ng/ml



#10 AR-1221-3

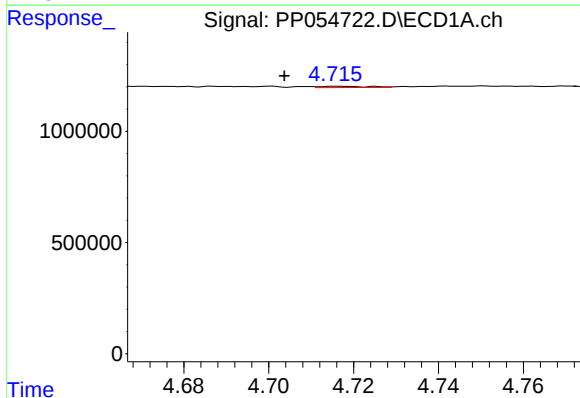
R.T.: 4.716 min
Delta R.T.: 0.012 min
Response: 48755
Conc: 0.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



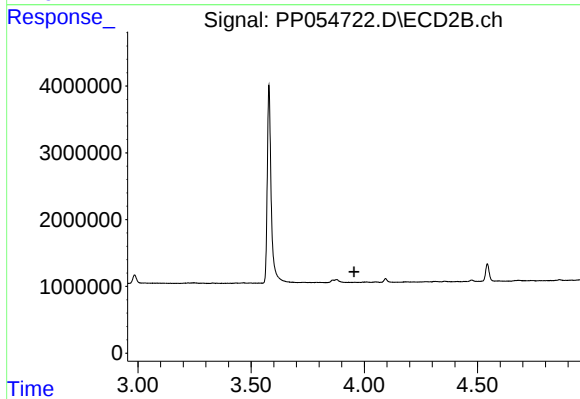
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 3.954 min
Response: 0
Conc: N.D.



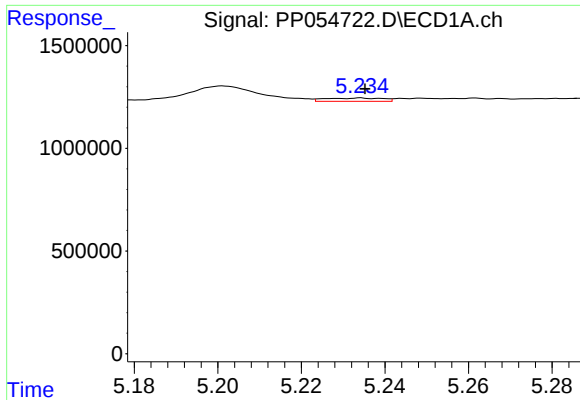
#11 AR-1232-1

R.T.: 4.716 min
Delta R.T.: 0.013 min
Response: 48755
Conc: 1.10 ng/ml



#11 AR-1232-1

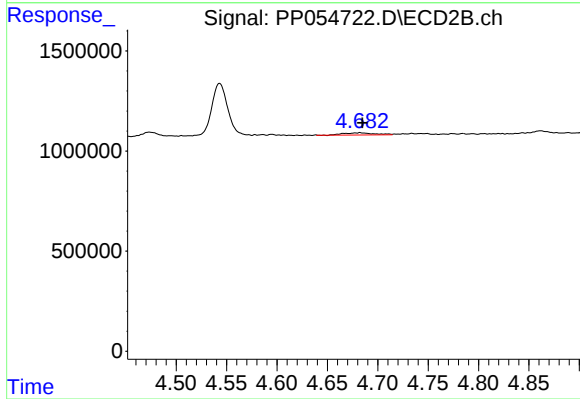
R.T.: 0.000 min
Exp R.T. : 3.954 min
Response: 0
Conc: N.D.



#12 AR-1232-2

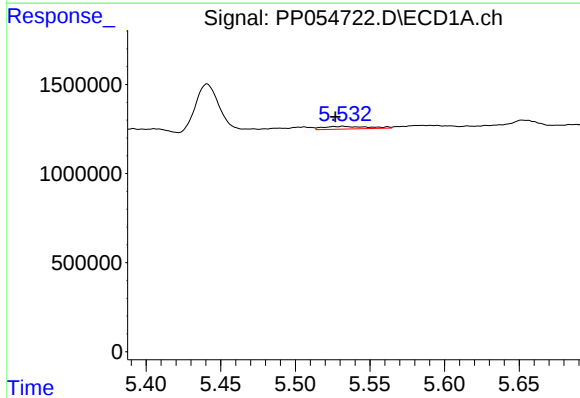
R.T.: 5.234 min
Delta R.T.: 0.000 min
Response: 151950
Conc: 6.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



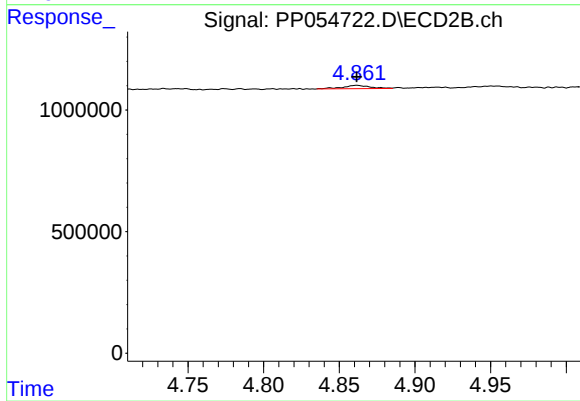
#12 AR-1232-2

R.T.: 4.683 min
Delta R.T.: -0.002 min
Response: 229174
Conc: 7.01 ng/ml



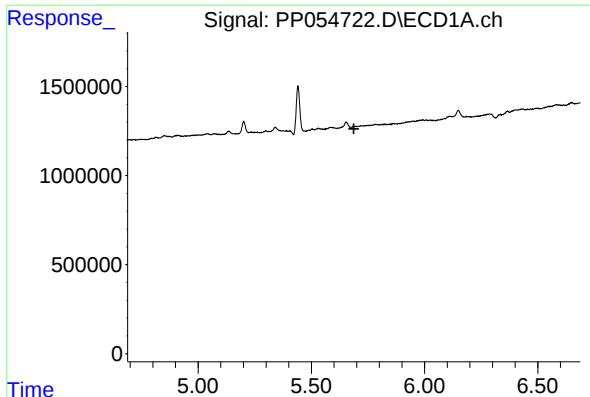
#13 AR-1232-3

R.T.: 5.532 min
Delta R.T.: 0.005 min
Response: 321328
Conc: 7.46 ng/ml



#13 AR-1232-3

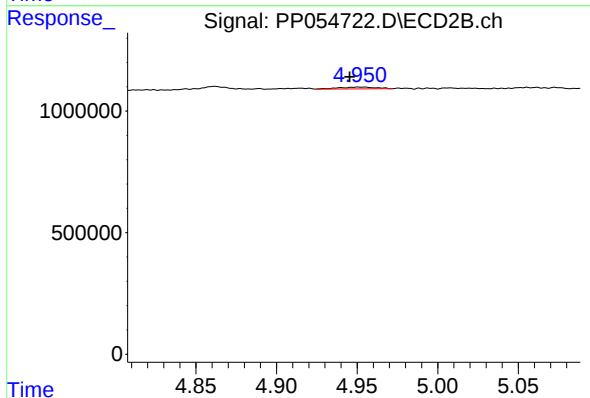
R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 176121
Conc: 10.24 ng/ml



#14 AR-1232-4

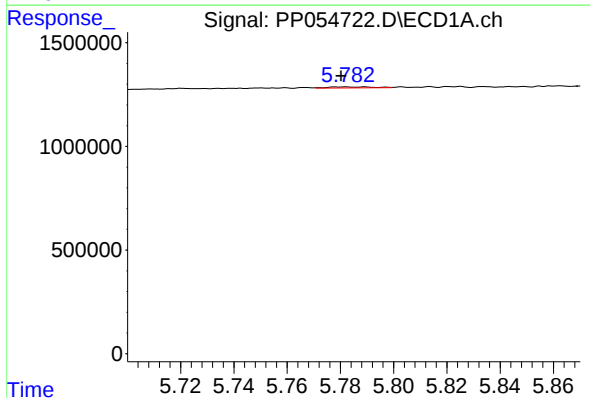
R.T.: 5.696 min
Delta R.T.: 0.008 min
Response: -84974
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



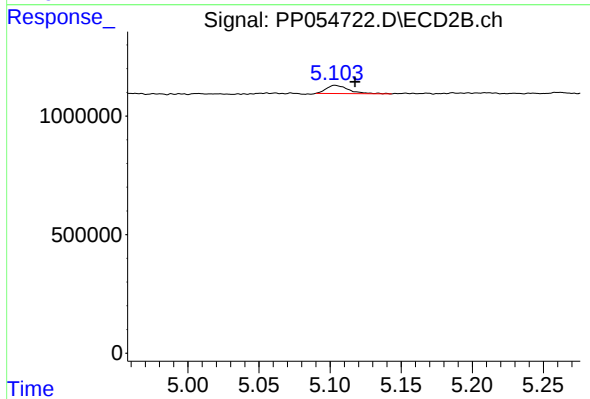
#14 AR-1232-4

R.T.: 4.953 min
Delta R.T.: 0.008 min
Response: 120885
Conc: 6.98 ng/ml



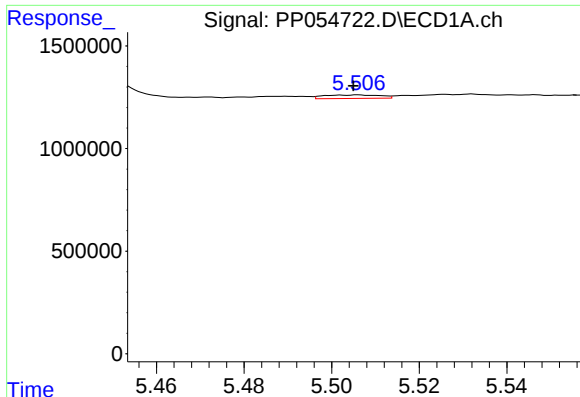
#15 AR-1232-5

R.T.: 5.782 min
Delta R.T.: 0.002 min
Response: 61493
Conc: 3.57 ng/ml



#15 AR-1232-5

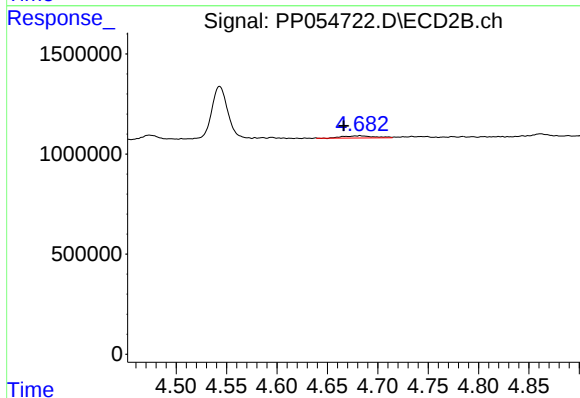
R.T.: 5.104 min
Delta R.T.: -0.014 min
Response: 384371
Conc: 20.31 ng/ml



#16 AR-1242-1

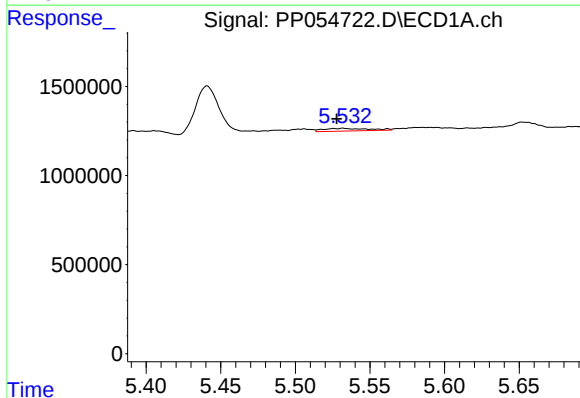
R.T.: 5.506 min
Delta R.T.: 0.000 min
Response: 149810
Conc: 2.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



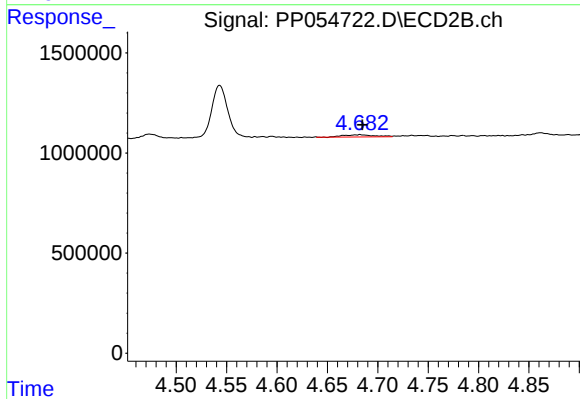
#16 AR-1242-1

R.T.: 4.683 min
Delta R.T.: 0.016 min
Response: 229174
Conc: 5.43 ng/ml



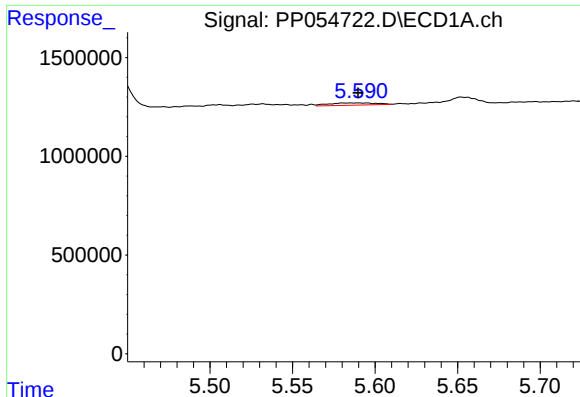
#17 AR-1242-2

R.T.: 5.532 min
Delta R.T.: 0.004 min
Response: 321328
Conc: 4.12 ng/ml



#17 AR-1242-2

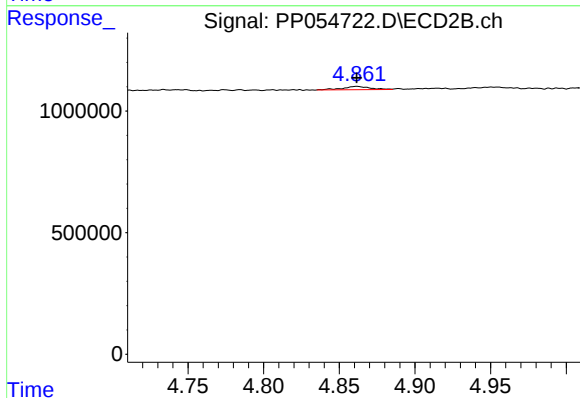
R.T.: 4.683 min
Delta R.T.: -0.002 min
Response: 229174
Conc: 3.90 ng/ml



#18 AR-1242-3

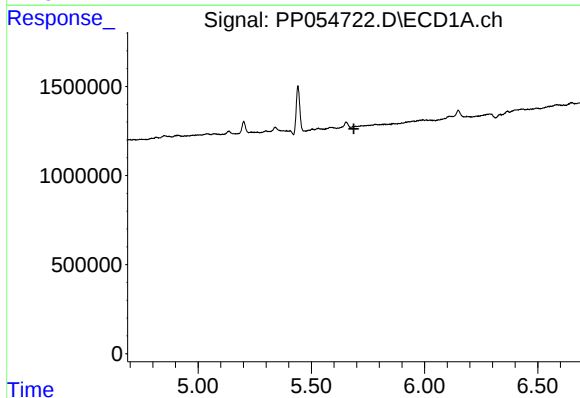
R.T.: 5.590 min
Delta R.T.: 0.000 min
Response: 219220
Conc: 4.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



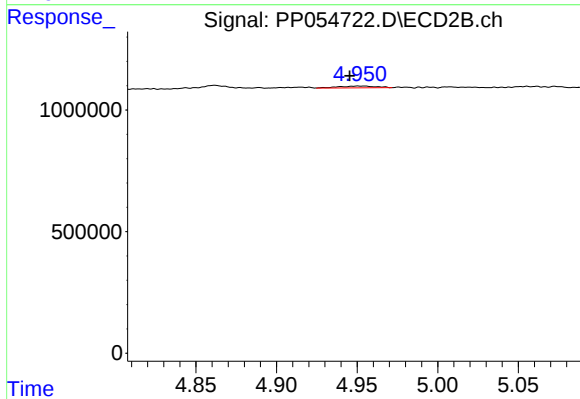
#18 AR-1242-3

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 176121
Conc: 5.49 ng/ml



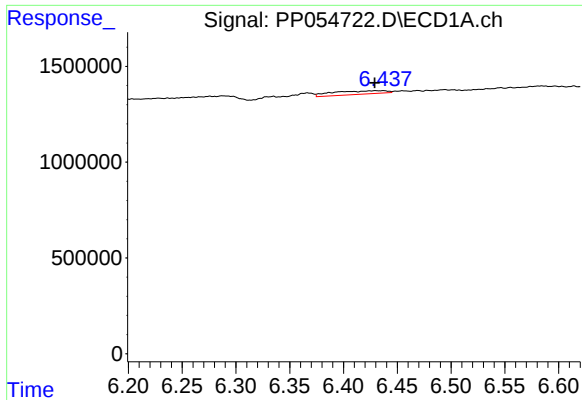
#19 AR-1242-4

R.T.: 5.696 min
Delta R.T.: 0.008 min
Response: -84974
Conc: N.D.



#19 AR-1242-4

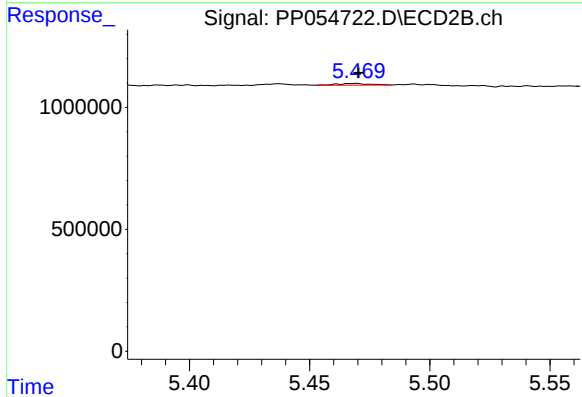
R.T.: 4.953 min
Delta R.T.: 0.008 min
Response: 120885
Conc: 3.45 ng/ml



#20 AR-1242-5

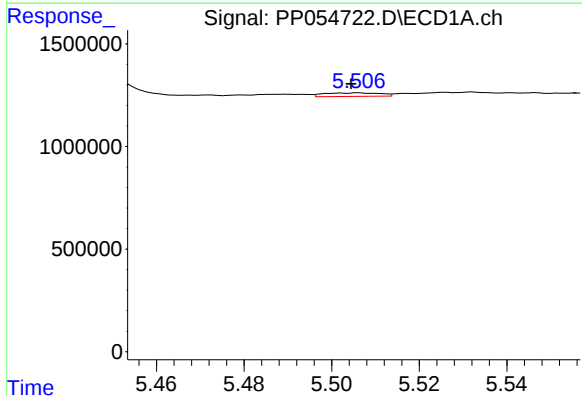
R.T.: 6.437 min
Delta R.T.: 0.008 min
Response: 605180
Conc: 16.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



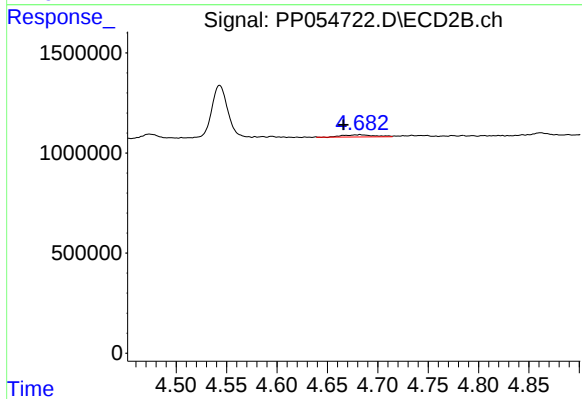
#20 AR-1242-5

R.T.: 5.469 min
Delta R.T.: -0.002 min
Response: 72034
Conc: 1.90 ng/ml



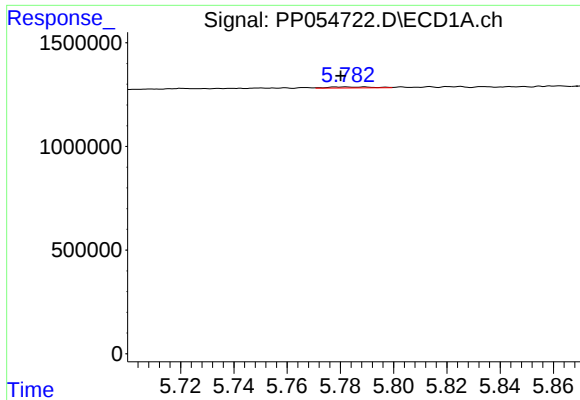
#21 AR-1248-1

R.T.: 5.506 min
Delta R.T.: 0.001 min
Response: 149810
Conc: 3.76 ng/ml



#21 AR-1248-1

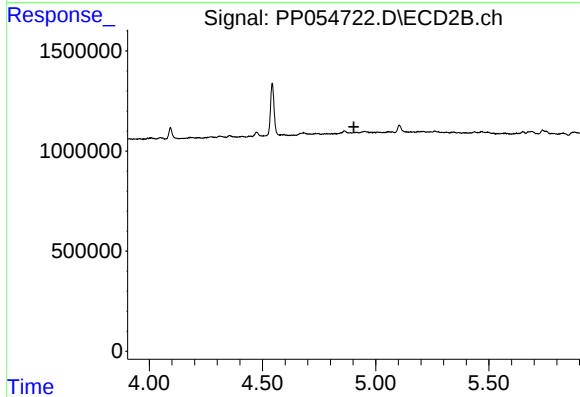
R.T.: 4.683 min
Delta R.T.: 0.017 min
Response: 229174
Conc: 7.32 ng/ml



#22 AR-1248-2

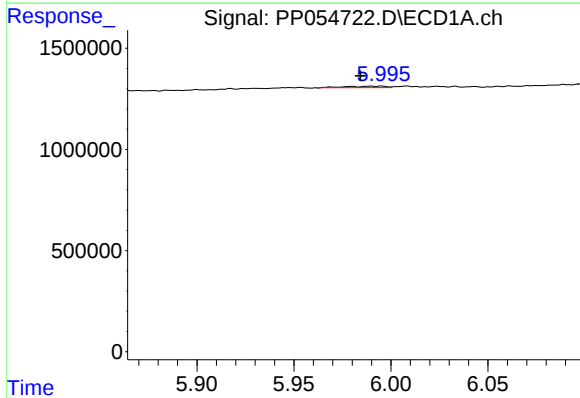
R.T.: 5.782 min
Delta R.T.: 0.002 min
Response: 61493
Conc: 1.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



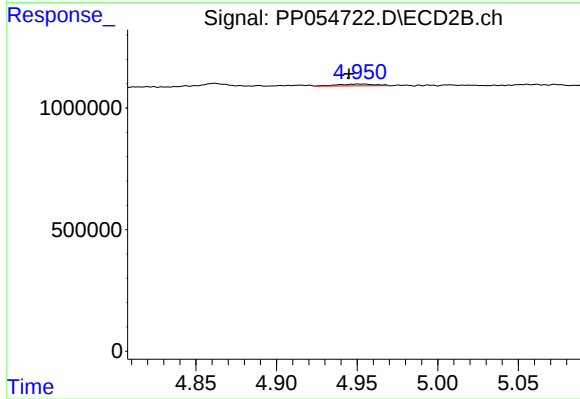
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 4.904 min
Response: 0
Conc: N.D.



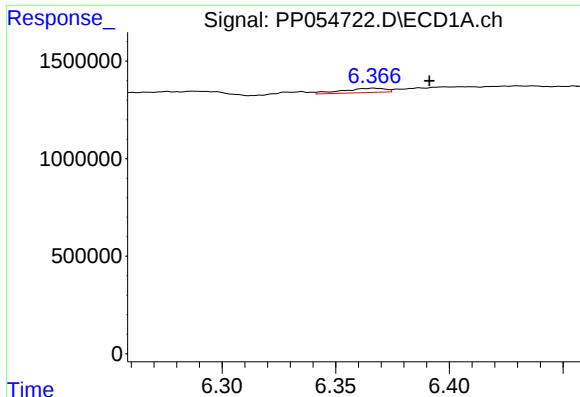
#23 AR-1248-3

R.T.: 5.995 min
Delta R.T.: 0.011 min
Response: 107317
Conc: 1.63 ng/ml



#23 AR-1248-3

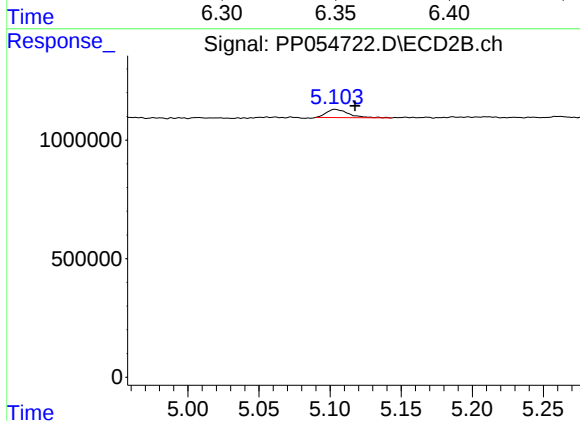
R.T.: 4.953 min
Delta R.T.: 0.008 min
Response: 120885
Conc: 2.38 ng/ml



#24 AR-1248-4

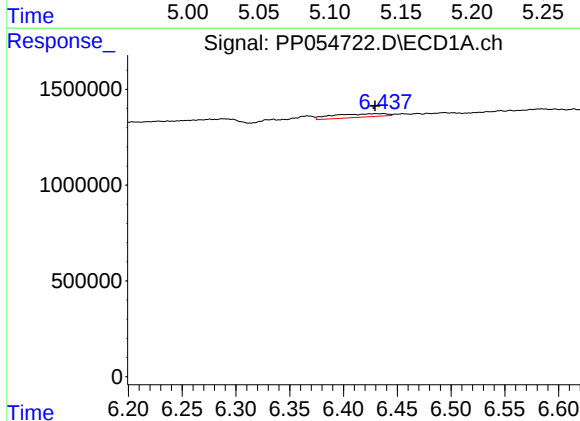
R.T.: 6.367 min
Delta R.T.: -0.024 min
Response: 296458
Conc: 4.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



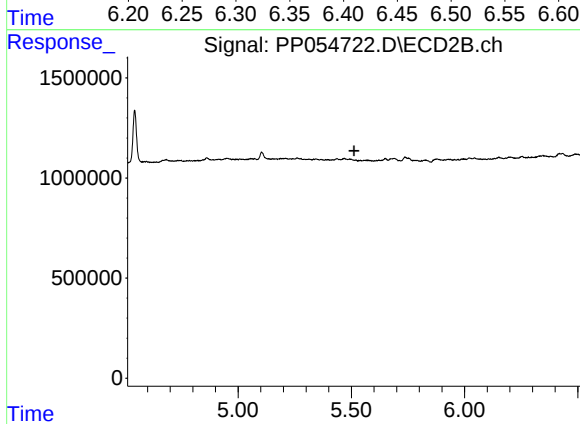
#24 AR-1248-4

R.T.: 5.104 min
Delta R.T.: -0.014 min
Response: 384371
Conc: 6.47 ng/ml



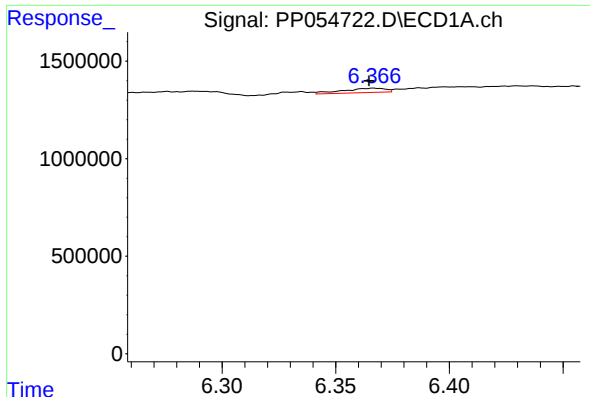
#25 AR-1248-5

R.T.: 6.437 min
Delta R.T.: 0.008 min
Response: 605180
Conc: 9.31 ng/ml



#25 AR-1248-5

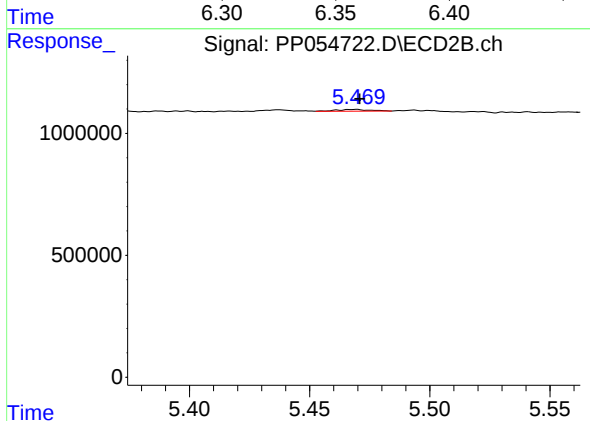
R.T.: 0.000 min
Exp R.T.: 5.512 min
Response: 0
Conc: N.D.



#26 AR-1254-1

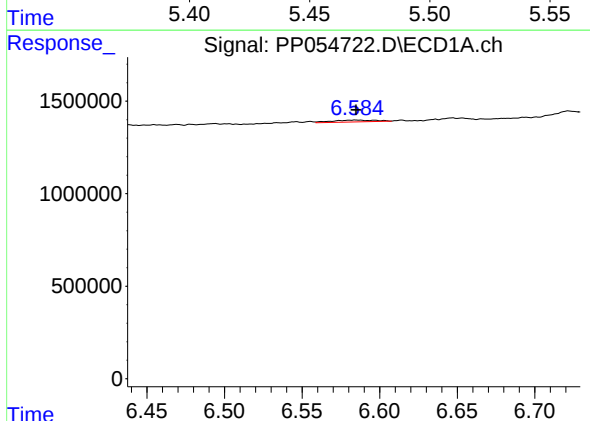
R.T.: 6.367 min
Delta R.T.: 0.002 min
Response: 296458
Conc: 4.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



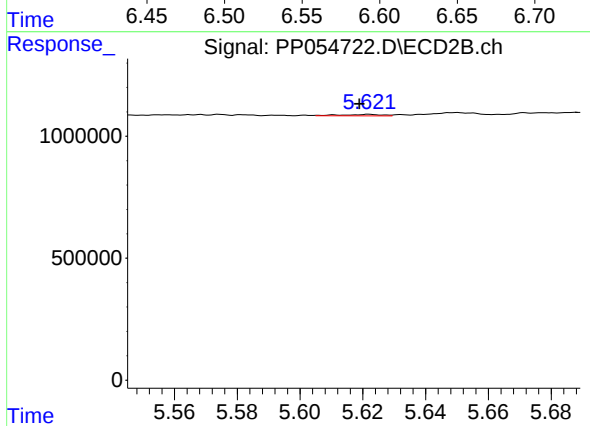
#26 AR-1254-1

R.T.: 5.469 min
Delta R.T.: -0.002 min
Response: 72034
Conc: 0.85 ng/ml



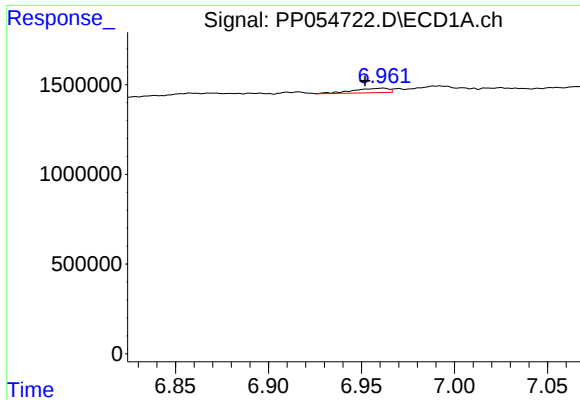
#27 AR-1254-2

R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 206265
Conc: 2.16 ng/ml



#27 AR-1254-2

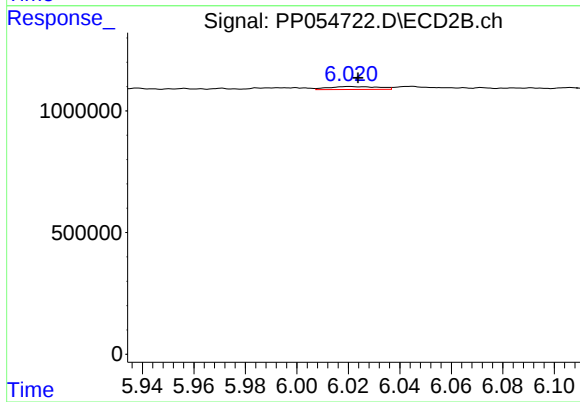
R.T.: 5.622 min
Delta R.T.: 0.003 min
Response: 53705
Conc: 0.74 ng/ml



#28 AR-1254-3

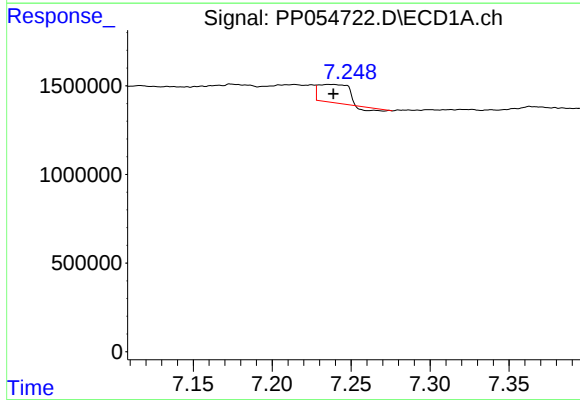
R.T.: 6.961 min
Delta R.T.: 0.009 min
Response: 331887
Conc: 3.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



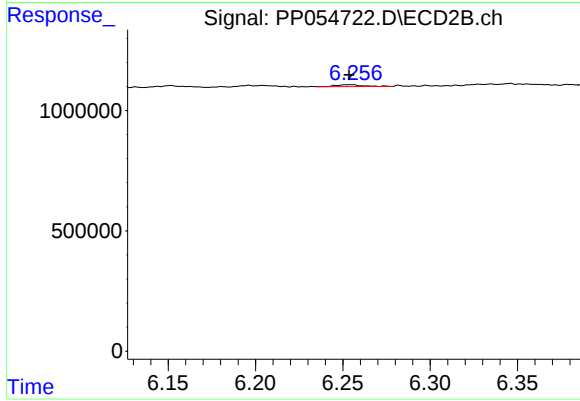
#28 AR-1254-3

R.T.: 6.020 min
Delta R.T.: -0.004 min
Response: 166140
Conc: 1.47 ng/ml



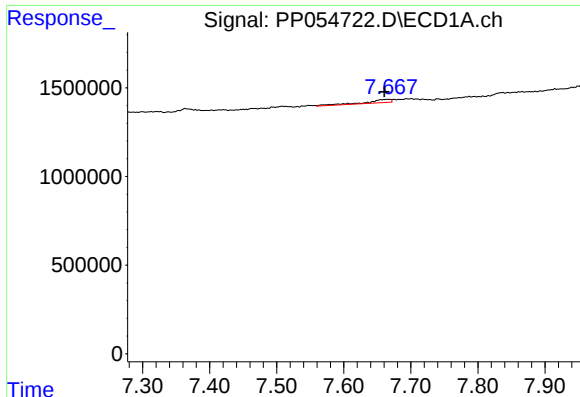
#29 AR-1254-4

R.T.: 7.237 min
Delta R.T.: -0.002 min
Response: 1225587
Conc: 19.56 ng/ml



#29 AR-1254-4

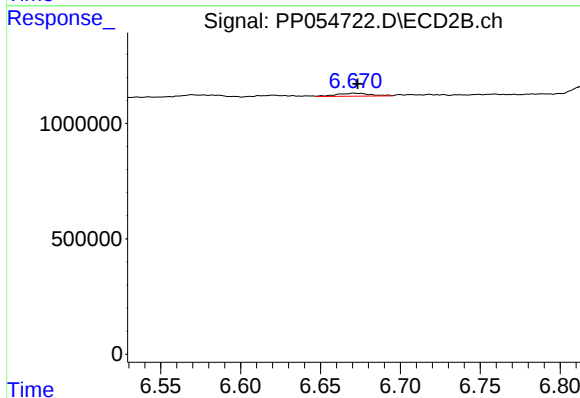
R.T.: 6.255 min
Delta R.T.: 0.001 min
Response: 89173
Conc: 1.43 ng/ml



#30 AR-1254-5

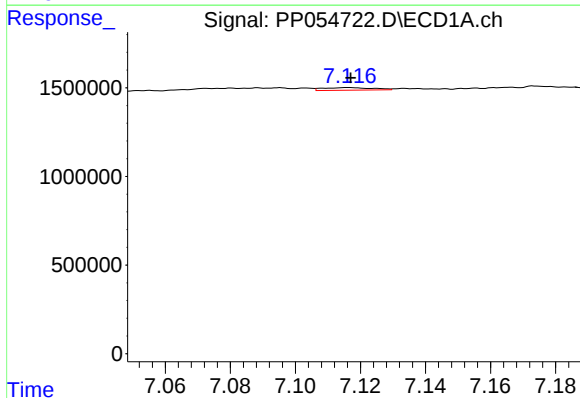
R.T.: 7.667 min
Delta R.T.: 0.006 min
Response: 465116
Conc: 6.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



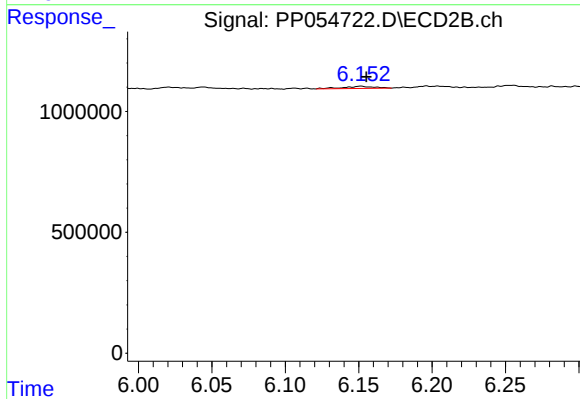
#30 AR-1254-5

R.T.: 6.671 min
Delta R.T.: -0.002 min
Response: 190104
Conc: 2.01 ng/ml



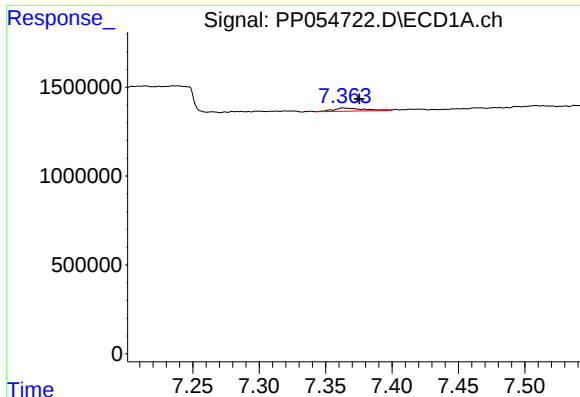
#31 AR-1260-1

R.T.: 7.116 min
Delta R.T.: 0.000 min
Response: 158576
Conc: 2.31 ng/ml



#31 AR-1260-1

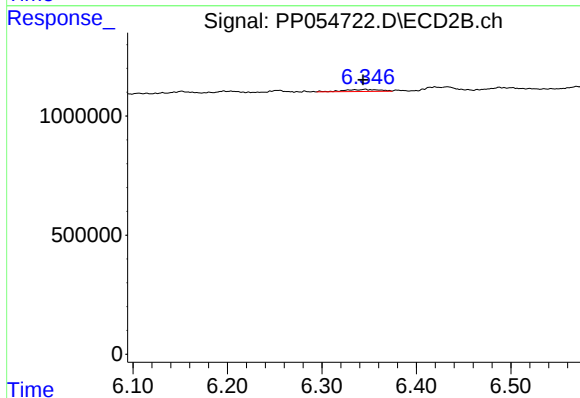
R.T.: 6.151 min
Delta R.T.: -0.004 min
Response: 132511
Conc: 1.60 ng/ml



#32 AR-1260-2

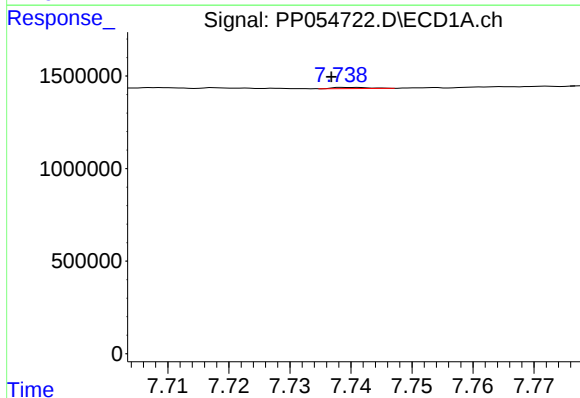
R.T.: 7.363 min
Delta R.T.: -0.012 min
Response: 294053
Conc: 3.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



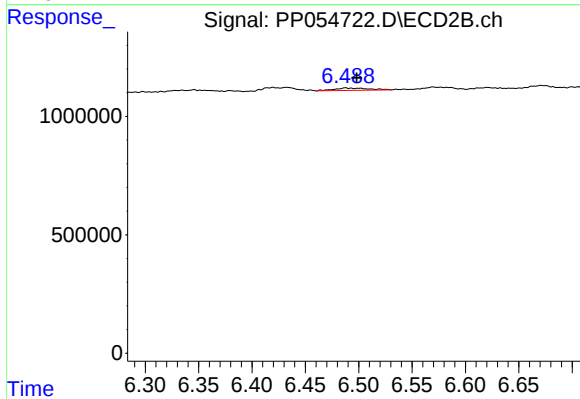
#32 AR-1260-2

R.T.: 6.346 min
Delta R.T.: 0.002 min
Response: 232298
Conc: 2.52 ng/ml



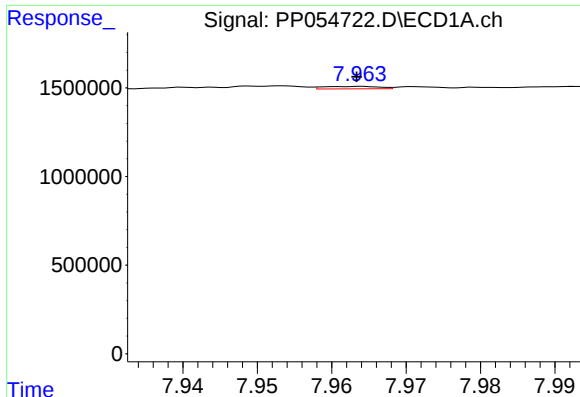
#33 AR-1260-3

R.T.: 7.740 min
Delta R.T.: 0.003 min
Response: 23984
Conc: 0.40 ng/ml



#33 AR-1260-3

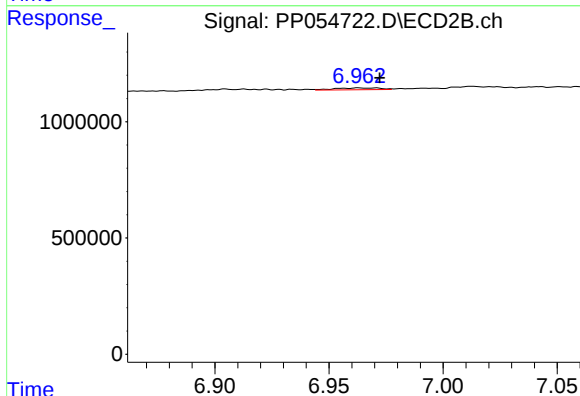
R.T.: 6.488 min
Delta R.T.: -0.011 min
Response: 218400
Conc: 2.43 ng/ml



#34 AR-1260-4

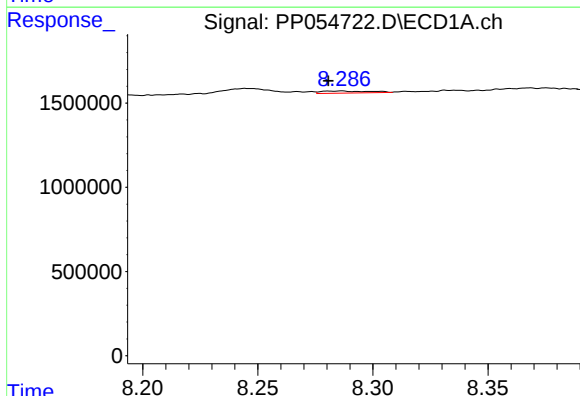
R.T.: 7.963 min
Delta R.T.: 0.000 min
Response: 73097
Conc: 1.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



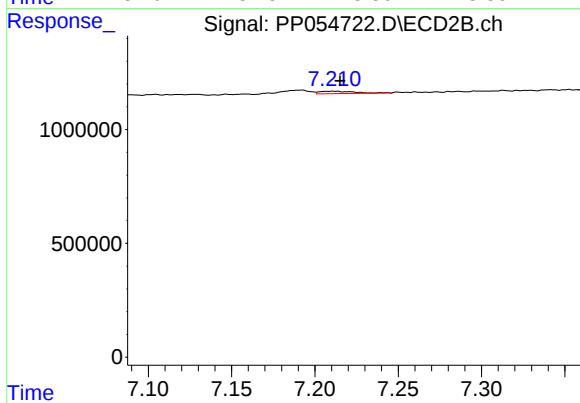
#34 AR-1260-4

R.T.: 6.971 min
Delta R.T.: -0.002 min
Response: 111652
Conc: 1.48 ng/ml



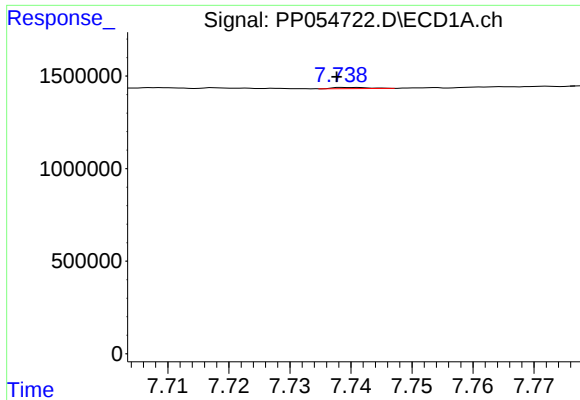
#35 AR-1260-5

R.T.: 8.286 min
Delta R.T.: 0.006 min
Response: 171977
Conc: 1.32 ng/ml



#35 AR-1260-5

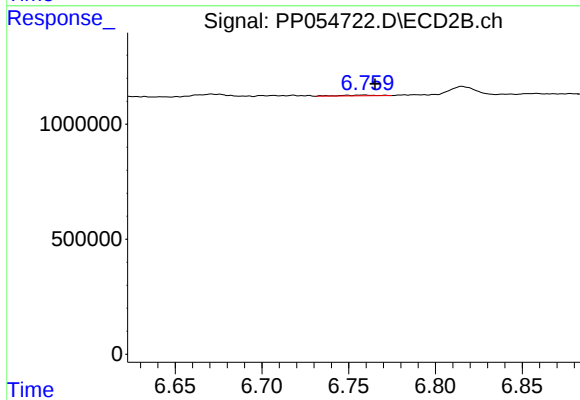
R.T.: 7.212 min
Delta R.T.: -0.003 min
Response: 148598
Conc: 0.94 ng/ml



#36 AR-1262-1

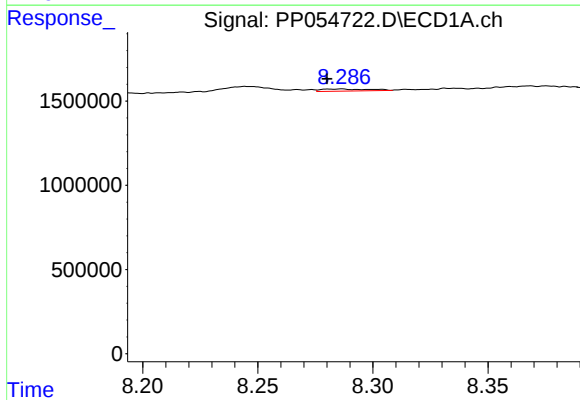
R.T.: 7.740 min
Delta R.T.: 0.002 min
Response: 23984
Conc: 0.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



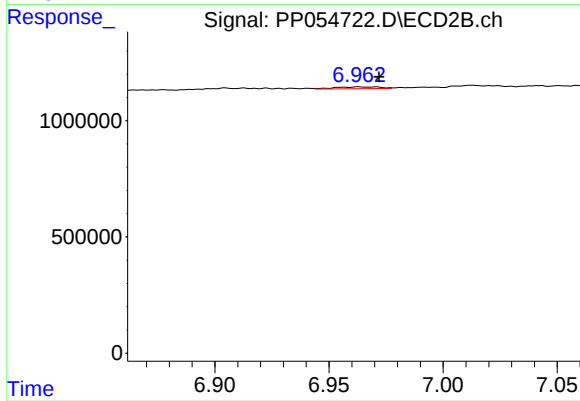
#36 AR-1262-1

R.T.: 6.759 min
Delta R.T.: -0.006 min
Response: 50580
Conc: 1.19 ng/ml



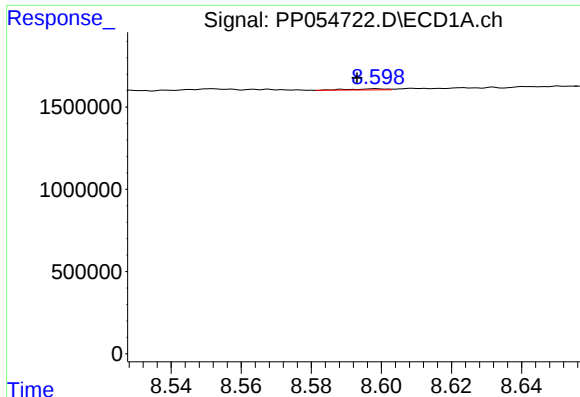
#37 AR-1262-2

R.T.: 8.286 min
Delta R.T.: 0.006 min
Response: 171977
Conc: 1.21 ng/ml



#37 AR-1262-2

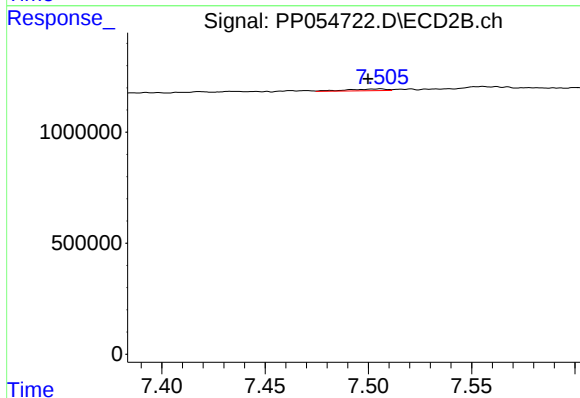
R.T.: 6.971 min
Delta R.T.: -0.001 min
Response: 111652
Conc: 1.21 ng/ml



#38 AR-1262-3

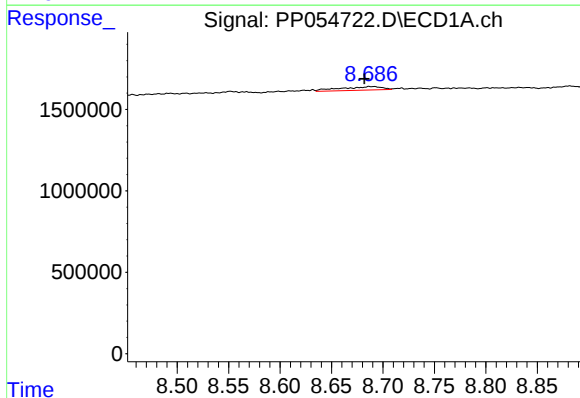
R.T.: 8.598 min
Delta R.T.: 0.005 min
Response: 52500
Conc: 0.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



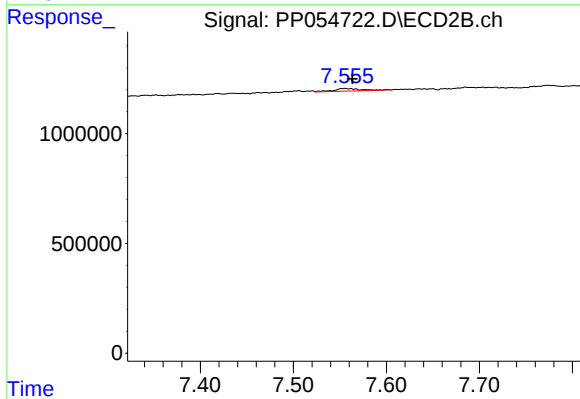
#38 AR-1262-3

R.T.: 7.506 min
Delta R.T.: 0.006 min
Response: 108433
Conc: 1.51 ng/ml



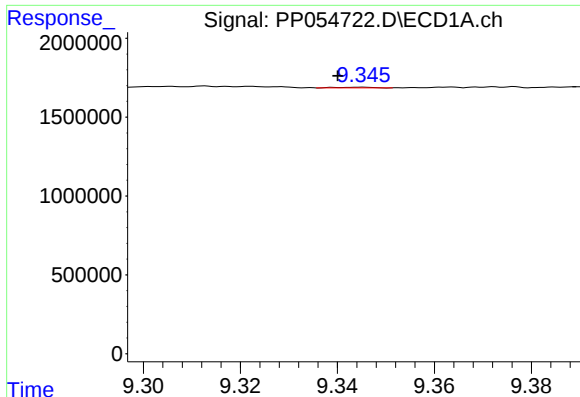
#39 AR-1262-4

R.T.: 8.687 min
Delta R.T.: 0.005 min
Response: 637987
Conc: 12.83 ng/ml



#39 AR-1262-4

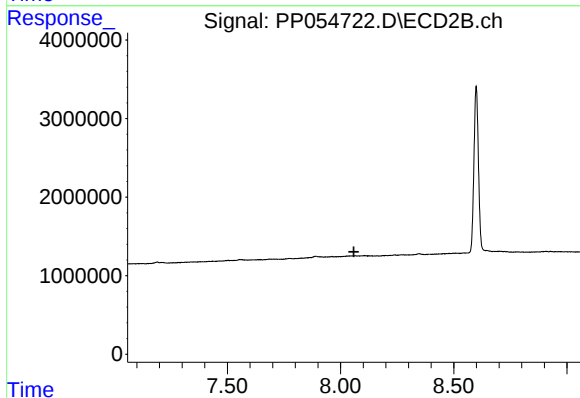
R.T.: 7.555 min
Delta R.T.: -0.008 min
Response: 255157
Conc: 1.97 ng/ml



#40 AR-1262-5

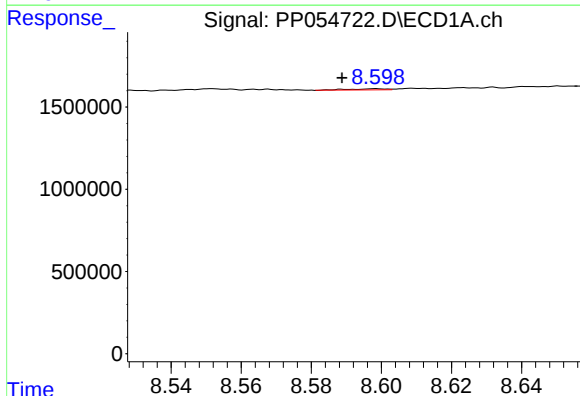
R.T.: 9.345 min
Delta R.T.: 0.005 min
Response: 22702
Conc: 0.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



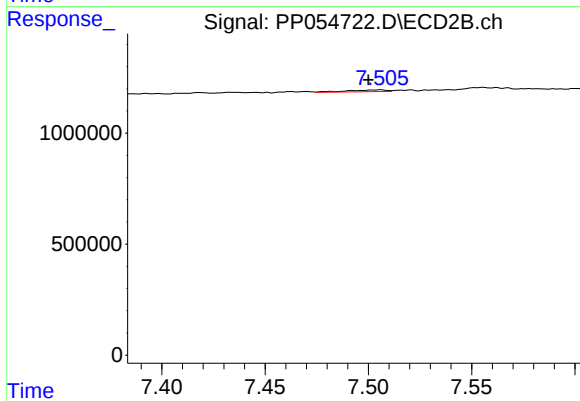
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.059 min
Response: 0
Conc: N.D.



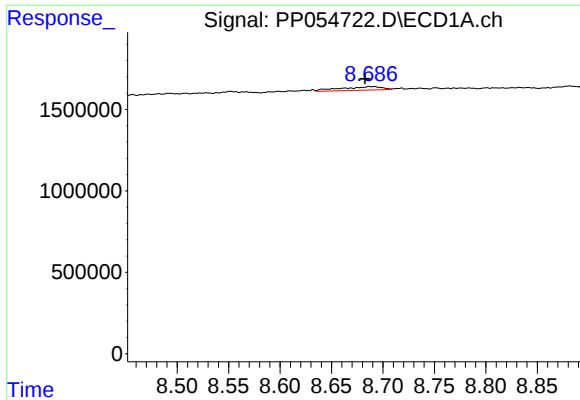
#41 AR-1268-1

R.T.: 8.598 min
Delta R.T.: 0.010 min
Response: 52500
Conc: 0.28 ng/ml



#41 AR-1268-1

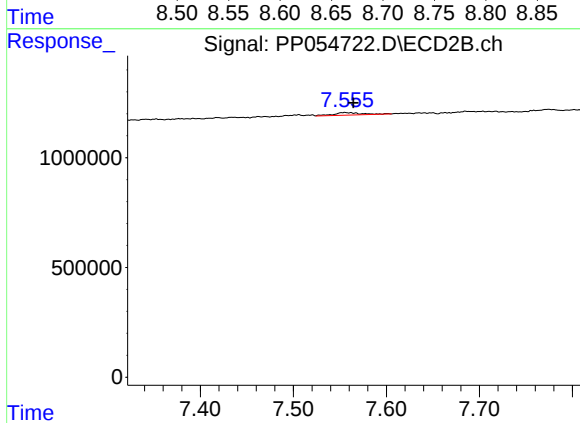
R.T.: 7.506 min
Delta R.T.: 0.006 min
Response: 108433
Conc: 0.50 ng/ml



#42 AR-1268-2

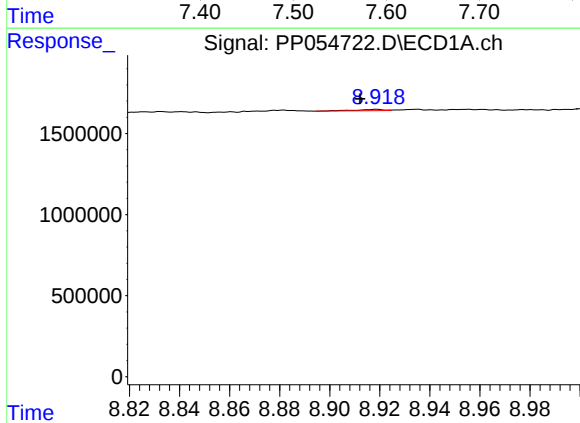
R.T.: 8.687 min
Delta R.T.: 0.004 min
Response: 637987
Conc: 3.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



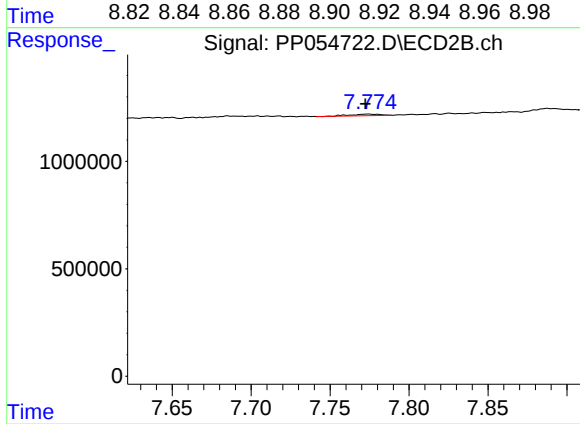
#42 AR-1268-2

R.T.: 7.555 min
Delta R.T.: -0.009 min
Response: 255157
Conc: 1.30 ng/ml



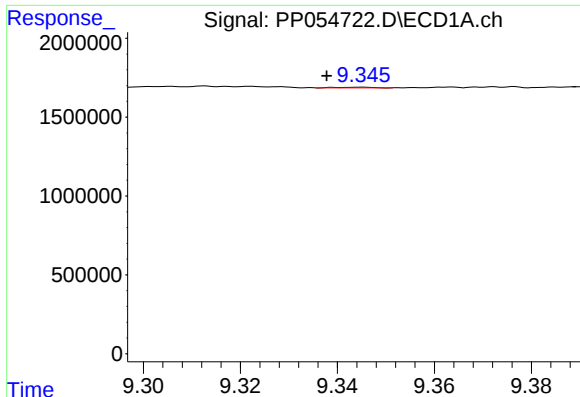
#43 AR-1268-3

R.T.: 8.919 min
Delta R.T.: 0.007 min
Response: 62262
Conc: 0.42 ng/ml



#43 AR-1268-3

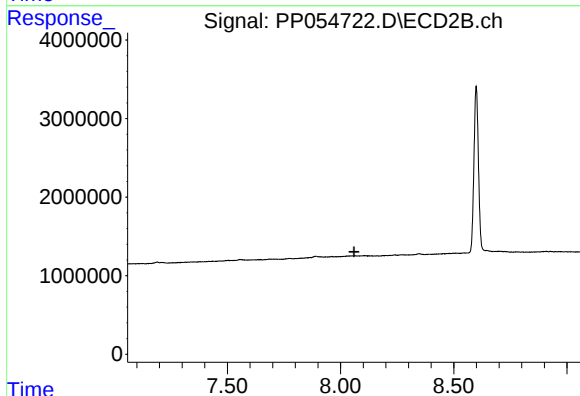
R.T.: 7.774 min
Delta R.T.: 0.002 min
Response: 93887
Conc: 0.53 ng/ml



#44 AR-1268-4

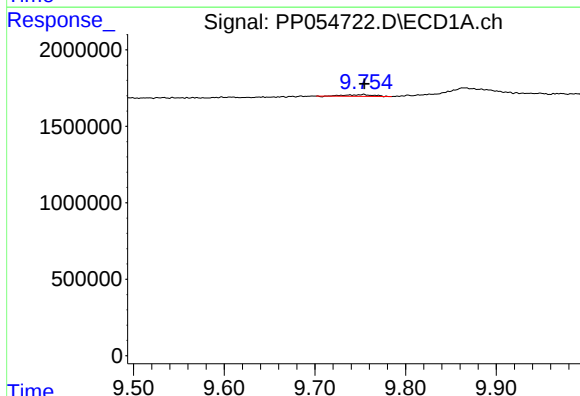
R.T.: 9.345 min
Delta R.T.: 0.007 min
Response: 22702
Conc: 0.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



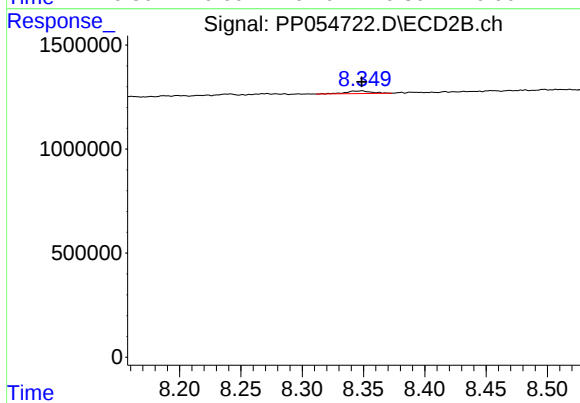
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.059 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.754 min
Delta R.T.: 0.000 min
Response: 256704
Conc: 0.53 ng/ml



#45 AR-1268-5

R.T.: 8.348 min
Delta R.T.: 0.000 min
Response: 176975
Conc: 0.34 ng/ml