

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP011023\
 Data File : PP054386.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jan 2023 15:00
 Operator : YP\AJ
 Sample : 01064-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 S4-03

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 10 20:50:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 05 03:46:53 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...	4.337	3.586	45999659	34245730	22.715	21.231
2)	SA Decachlor...	10.099	8.608	22020049	25878473	15.332	18.345
Target Compounds							
3)	L1 AR-1016-1	5.507	0.000	522738	0	7.074	N.D. #
4)	L1 AR-1016-2	5.528	0.000	648365	0	6.075	N.D. #
5)	L1 AR-1016-3	5.590	4.871	954015	209355	13.945	5.337 #
6)	L1 AR-1016-4	0.000	4.914	0	106522	N.D.	3.095 #
7)	L1 AR-1016-5	5.984	5.111	26358	394102	0.582	8.964 #
8)	L2 AR-1221-1	4.543	0.000	10467872	0	435.359	N.D. #
9)	L2 AR-1221-2	4.643	3.868f	668518	5464005	37.733	370.572 #
10)	L2 AR-1221-3	4.715	0.000	53110	0	0.985	N.D. #
11)	L3 AR-1232-1	4.715	0.000	53110	0	1.181	N.D. #
13)	L3 AR-1232-3	5.528	4.871	648365	209355	14.095	12.610
14)	L3 AR-1232-4	0.000	4.964	0	191256	N.D.	11.401 #
15)	L3 AR-1232-5	0.000	5.111f	0	394102	N.D.	21.828 #
16)	L4 AR-1242-1	5.507	0.000	522738	0	8.804	N.D. #
17)	L4 AR-1242-2	5.528	0.000	648365	0	7.584	N.D. #
18)	L4 AR-1242-3	5.590	4.871	954015	209355	17.461	6.546 #
19)	L4 AR-1242-4	0.000	4.964	0	191256	N.D.	5.483 #
20)	L4 AR-1242-5	6.432	5.477	79564	111178	2.424	2.955
21)	L5 AR-1248-1	5.507	0.000	522738	0	11.643	N.D. #
22)	L5 AR-1248-2	0.000	4.914	0	106522	N.D.	2.157 #
23)	L5 AR-1248-3	5.984	4.964	26358	191256	0.445	3.706 #
24)	L5 AR-1248-4	6.391	5.111f	28310	394102	0.489	6.678 #
25)	L5 AR-1248-5	6.432	5.518	79564	54437	1.434	1.098
26)	L6 AR-1254-1	6.368	5.477	96410	111178	1.552	1.296
27)	L6 AR-1254-2	6.585	0.000	71936	0	0.767	N.D. #
28)	L6 AR-1254-3	6.966	6.057f	83202	486576	0.876	4.192 #
29)	L6 AR-1254-4	7.250	0.000	412564	0	6.082	N.D. #
30)	L6 AR-1254-5	0.000	6.677	0	141117	N.D.	1.476 #
31)	L7 AR-1260-1	7.128	6.162	55090	20723	0.707	0.245 #
32)	L7 AR-1260-2	7.396f	6.339	323059	644414	3.607	6.738 #
33)	L7 AR-1260-3	7.748	6.536f	51046	133917	0.747	1.465 #
34)	L7 AR-1260-4	7.965	0.000	473961	0	5.949	N.D. #
35)	L7 AR-1260-5	8.293	7.214	176159	176542	1.228	1.114
36)	L8 AR-1262-1	7.748	0.000	51046	0	0.607	N.D. #
37)	L8 AR-1262-2	8.293	0.000	176159	0	1.245	N.D. #
38)	L8 AR-1262-3	8.600	0.000	29968	0	0.289	N.D. #
39)	L8 AR-1262-4	8.697	7.565	535055	106904	10.569	0.914 #
40)	L8 AR-1262-5	9.340	0.000	112858	0	2.009	N.D. #
41)	L9 AR-1268-1	8.600	0.000	29968	0	0.154	N.D. #
42)	L9 AR-1268-2	8.697	7.565	535055	106904	3.032	0.580 #

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 ClientSampleId :
 S4-03

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 10 20:50:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010423.M
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 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
44) L9	AR-1268-4	9.340	0.000	112858	0	1.649	N.D. #
45) L9	AR-1268-5	9.750	8.355	244515	-4925	0.480	N.D. #

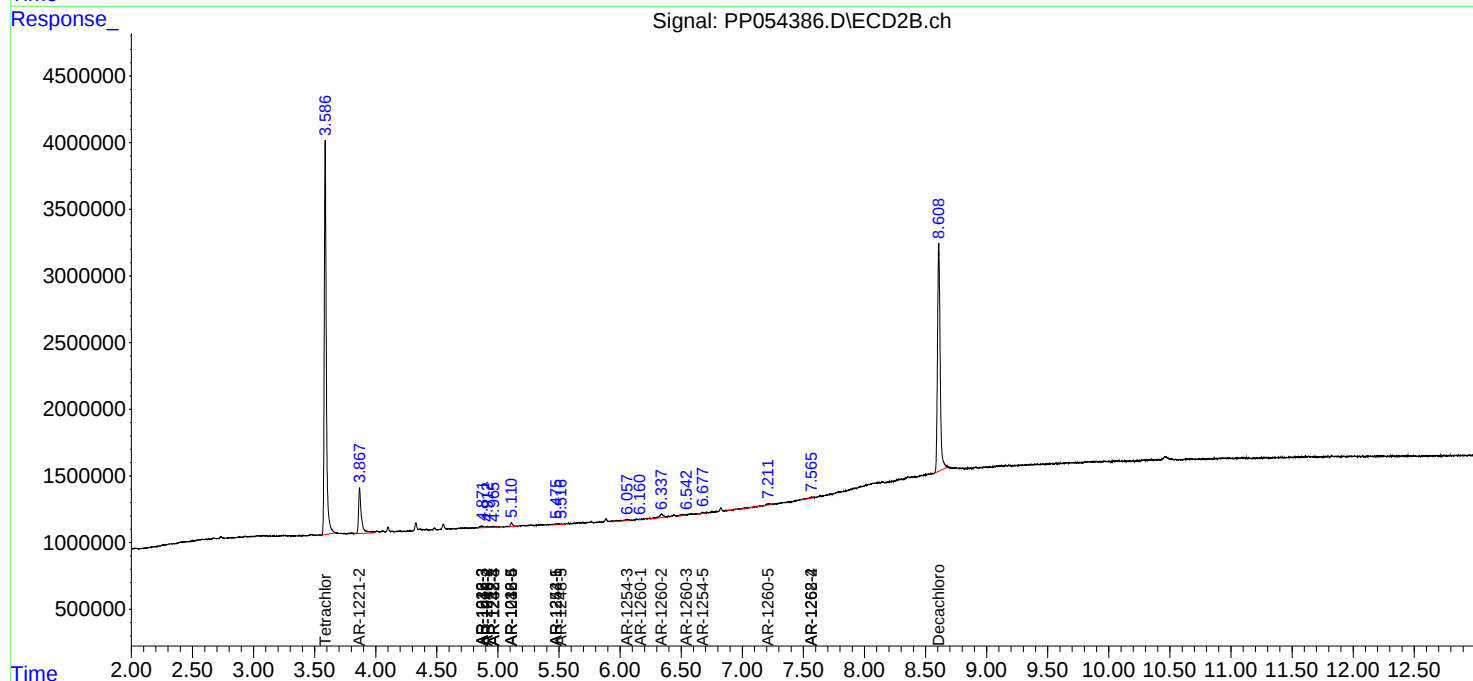
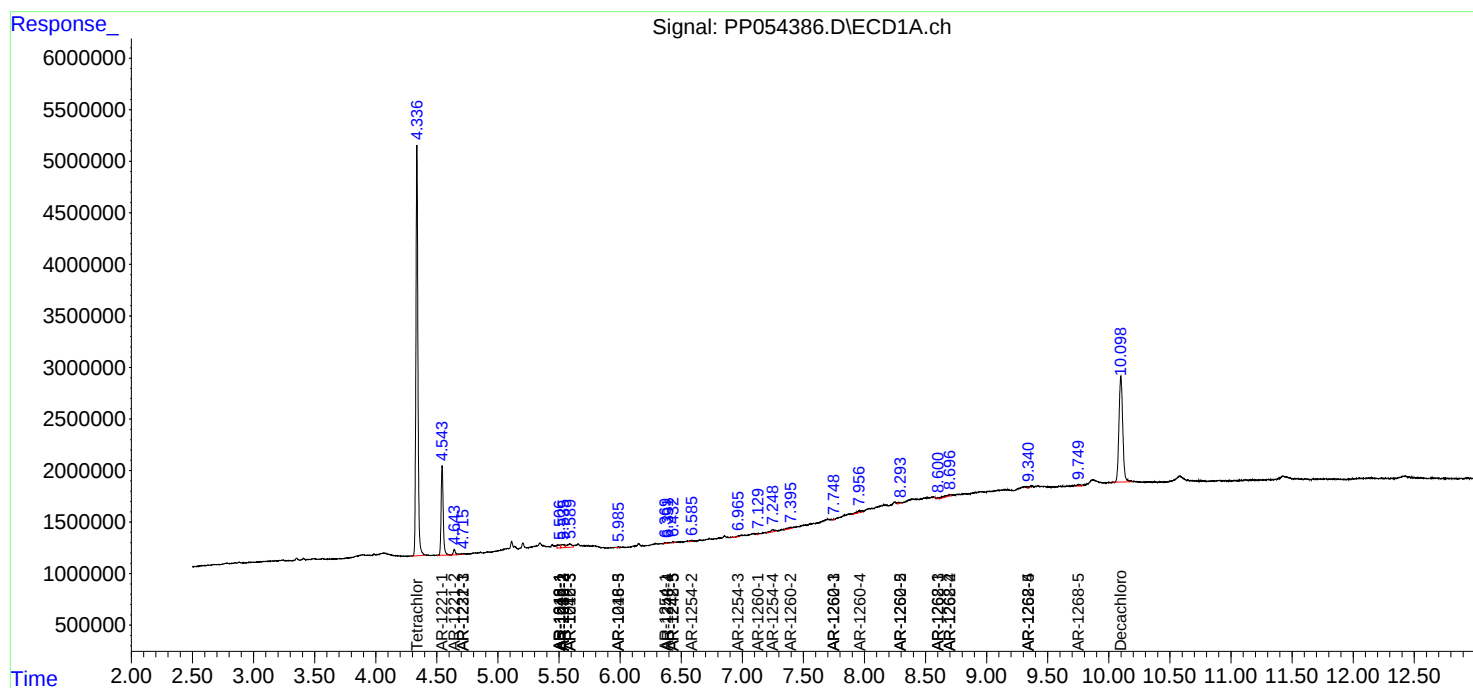
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

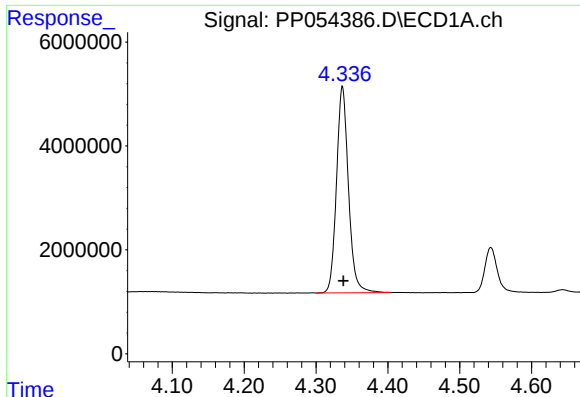
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP011023\
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

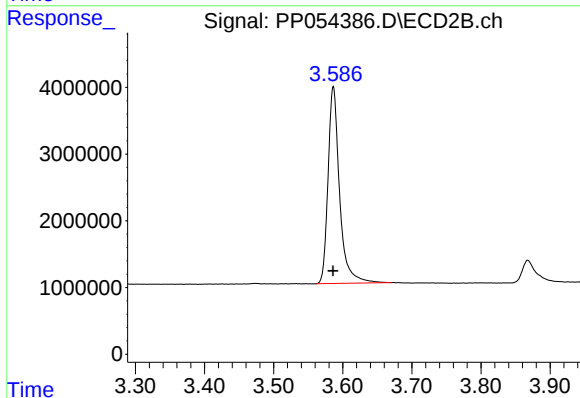




#1 Tetrachloro-m-xylene

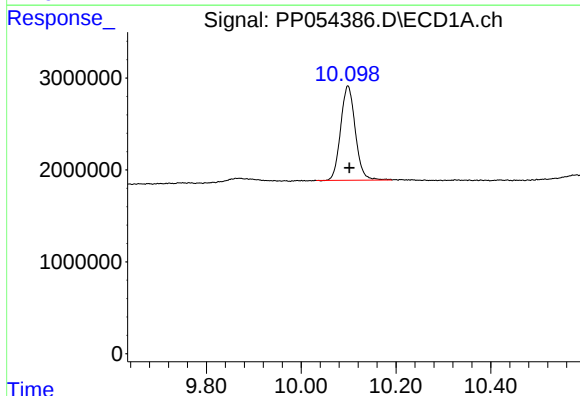
R.T.: 4.337 min
Delta R.T.: -0.001 min
Response: 45999659
Conc: 22.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-03



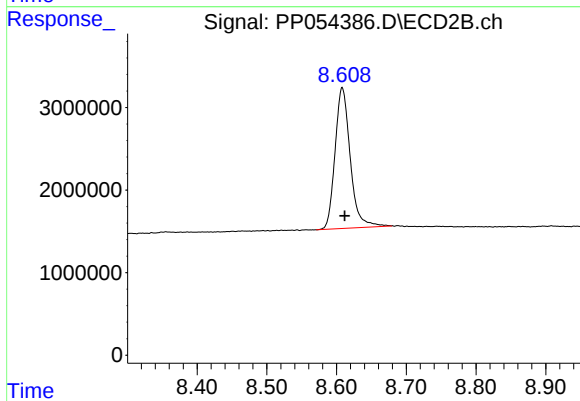
#1 Tetrachloro-m-xylene

R.T.: 3.586 min
Delta R.T.: 0.000 min
Response: 34245730
Conc: 21.23 ng/ml



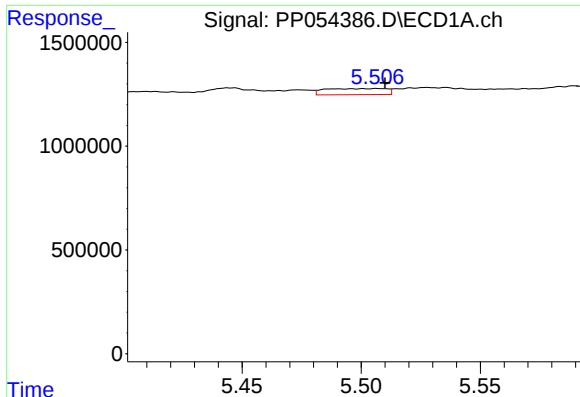
#2 Decachlorobiphenyl

R.T.: 10.099 min
Delta R.T.: -0.003 min
Response: 22020049
Conc: 15.33 ng/ml



#2 Decachlorobiphenyl

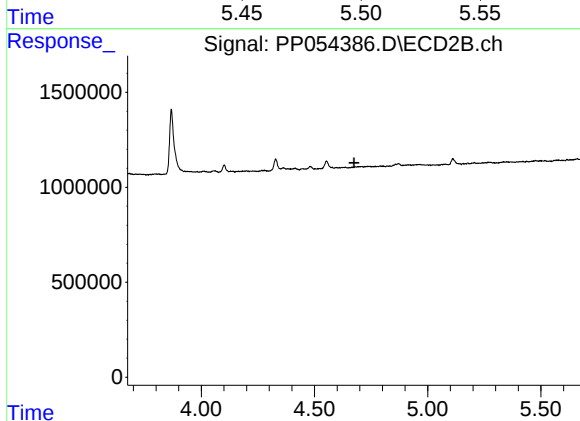
R.T.: 8.608 min
Delta R.T.: -0.004 min
Response: 25878473
Conc: 18.34 ng/ml



#3 AR-1016-1

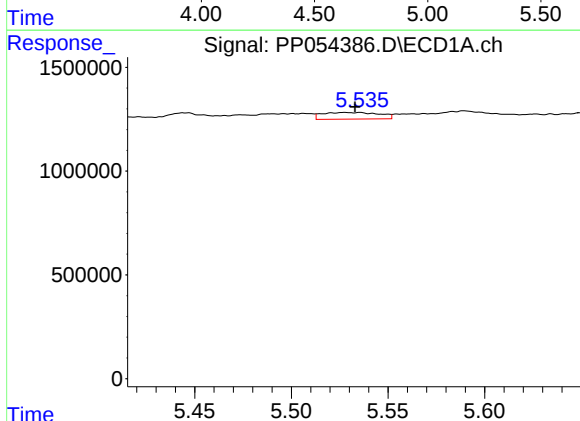
R.T.: 5.507 min
Delta R.T.: -0.003 min
Response: 522738
Conc: 7.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-03



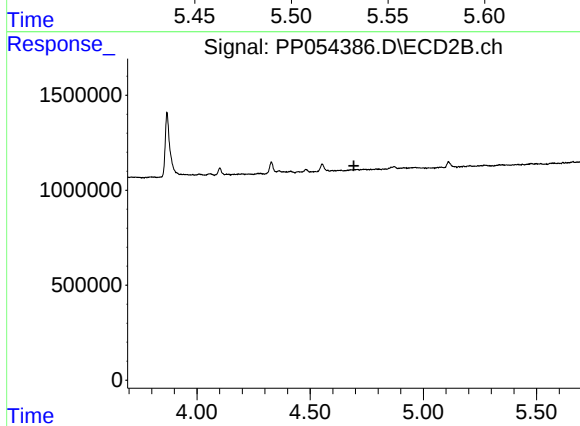
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.674 min
Response: 0
Conc: N.D.



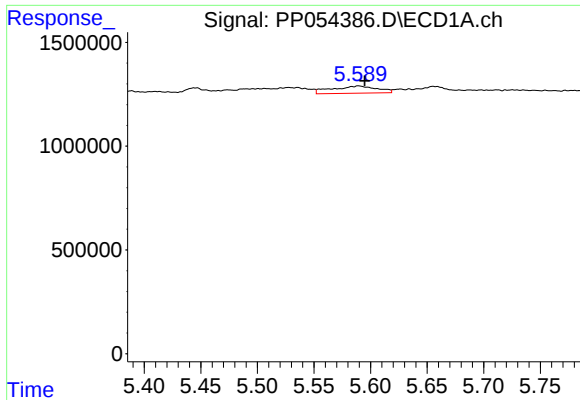
#4 AR-1016-2

R.T.: 5.528 min
Delta R.T.: -0.005 min
Response: 648365
Conc: 6.08 ng/ml



#4 AR-1016-2

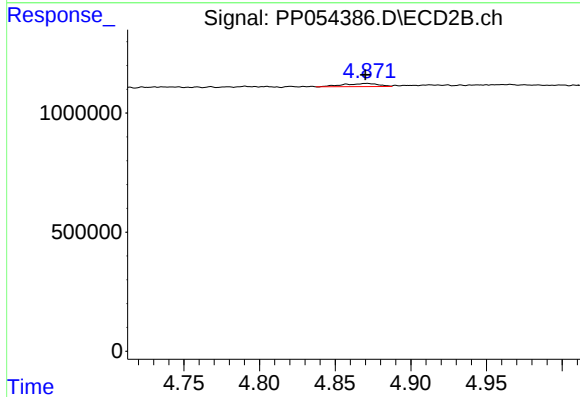
R.T.: 0.000 min
Exp R.T. : 4.693 min
Response: 0
Conc: N.D.



#5 AR-1016-3

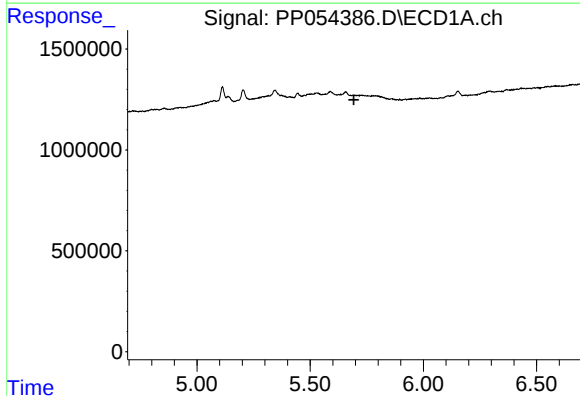
R.T.: 5.590 min
Delta R.T.: -0.005 min
Response: 954015
Conc: 13.94 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-03



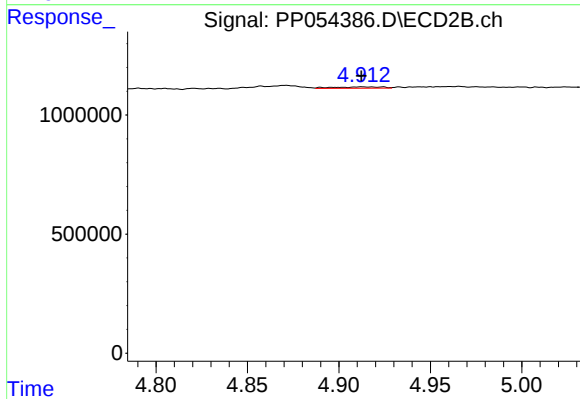
#5 AR-1016-3

R.T.: 4.871 min
Delta R.T.: 0.000 min
Response: 209355
Conc: 5.34 ng/ml



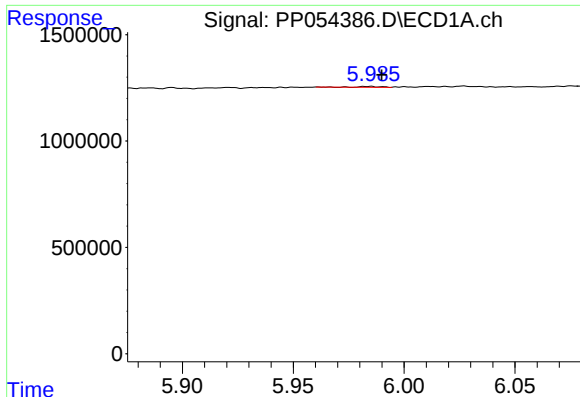
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.694 min
Response: 0
Conc: N.D.



#6 AR-1016-4

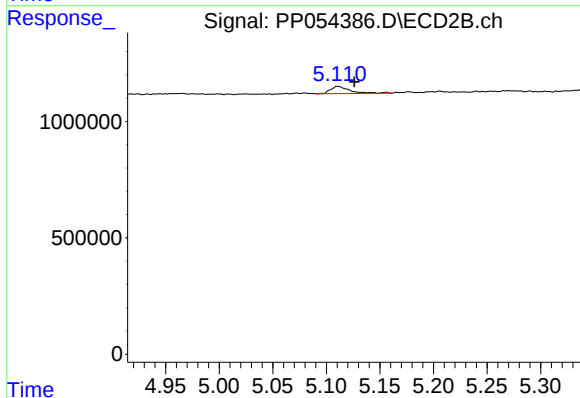
R.T.: 4.914 min
Delta R.T.: 0.001 min
Response: 106522
Conc: 3.10 ng/ml



#7 AR-1016-5

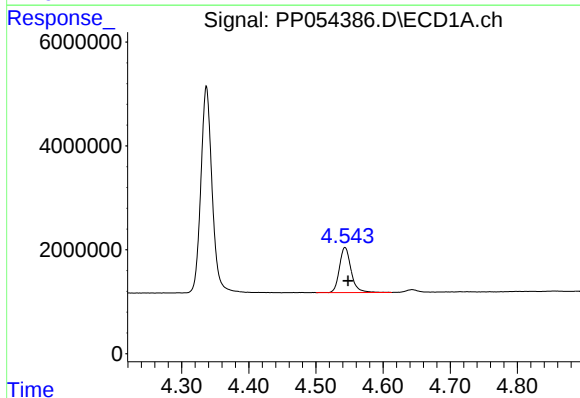
R.T.: 5.984 min
Delta R.T.: -0.006 min
Response: 26358
Conc: 0.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-03



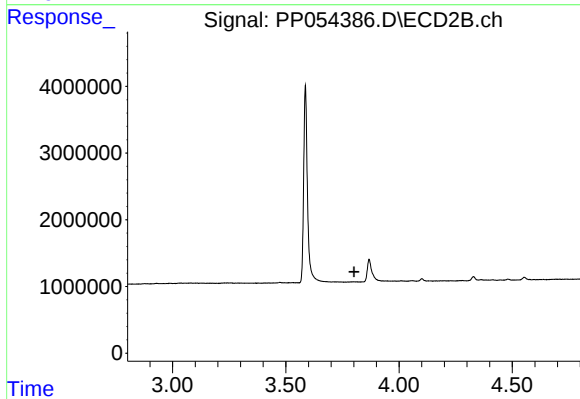
#7 AR-1016-5

R.T.: 5.111 min
Delta R.T.: -0.015 min
Response: 394102
Conc: 8.96 ng/ml



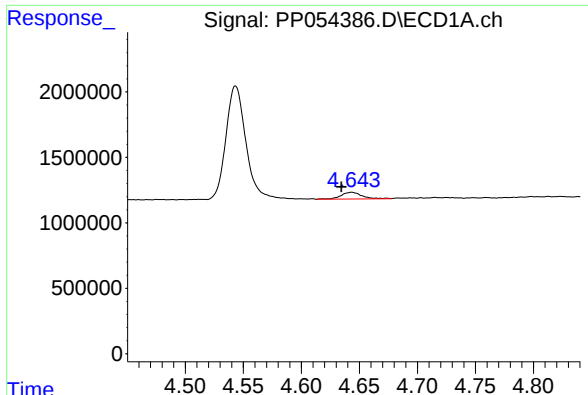
#8 AR-1221-1

R.T.: 4.543 min
Delta R.T.: -0.005 min
Response: 10467872
Conc: 435.36 ng/ml



#8 AR-1221-1

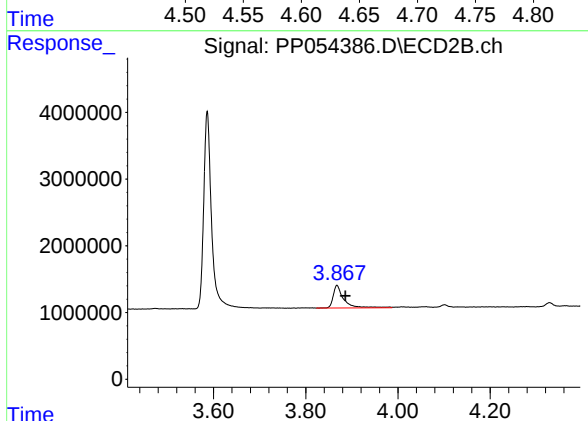
R.T.: 0.000 min
Exp R.T. : 3.801 min
Response: 0
Conc: N.D.



#9 AR-1221-2

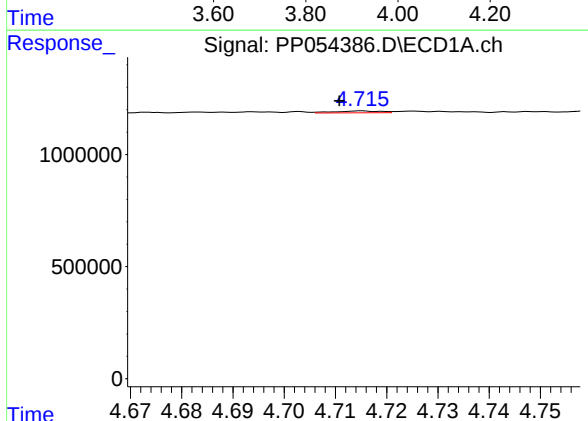
R.T.: 4.643 min
Delta R.T.: 0.009 min
Response: 668518
Conc: 37.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-03



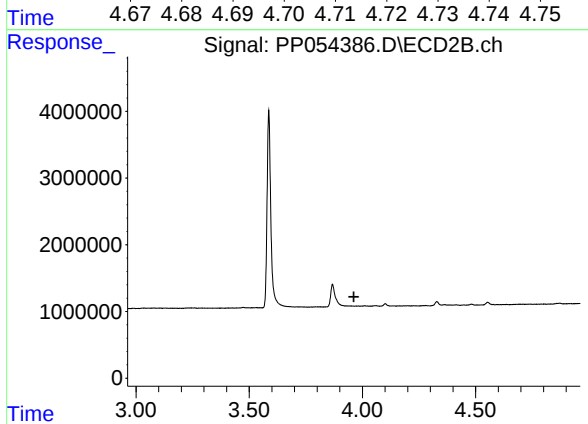
#9 AR-1221-2

R.T.: 3.868 min
Delta R.T.: -0.018 min
Response: 5464005
Conc: 370.57 ng/ml



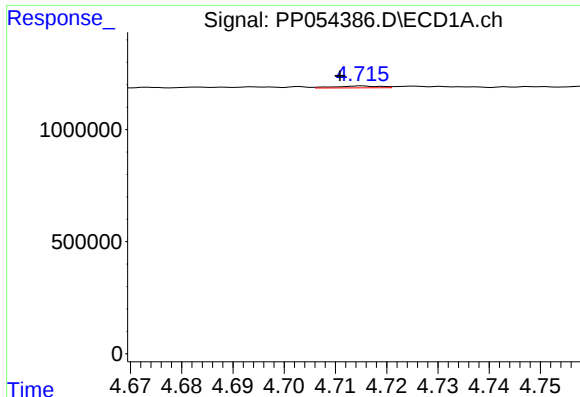
#10 AR-1221-3

R.T.: 4.715 min
Delta R.T.: 0.004 min
Response: 53110
Conc: 0.99 ng/ml



#10 AR-1221-3

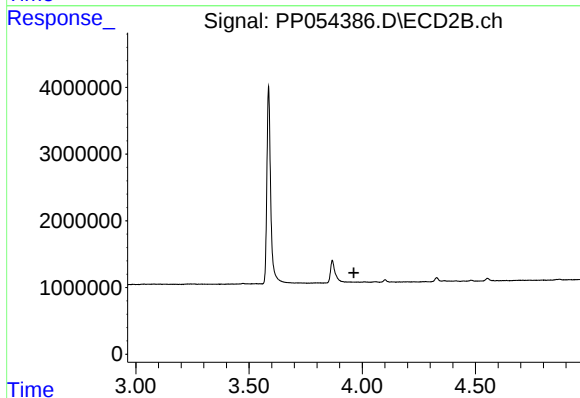
R.T.: 0.000 min
Exp R.T. : 3.963 min
Response: 0
Conc: N.D.



#11 AR-1232-1

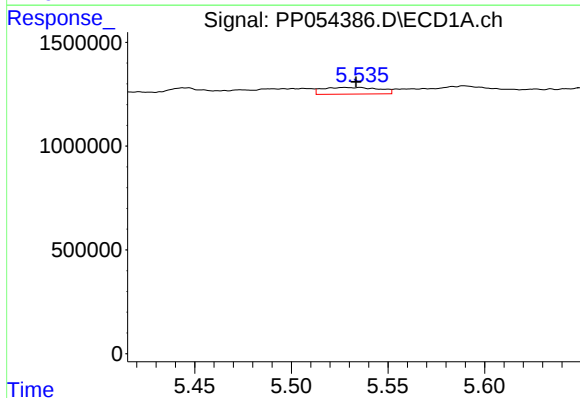
R.T.: 4.715 min
Delta R.T.: 0.004 min
Response: 53110
Conc: 1.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-03



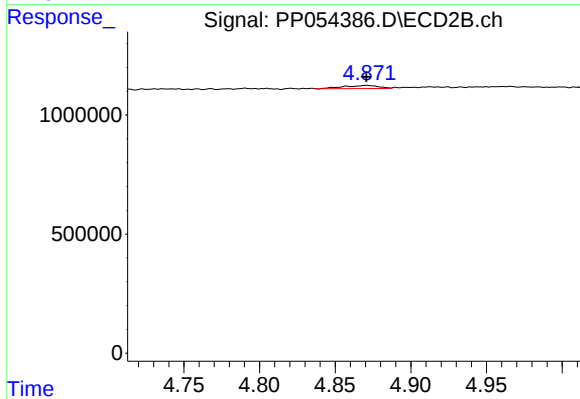
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.963 min
Response: 0
Conc: N.D.



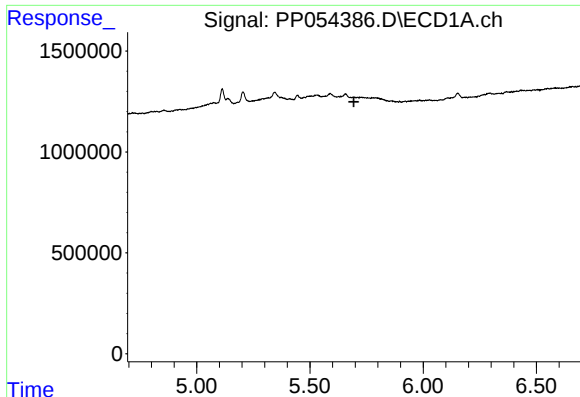
#13 AR-1232-3

R.T.: 5.528 min
Delta R.T.: -0.006 min
Response: 648365
Conc: 14.10 ng/ml



#13 AR-1232-3

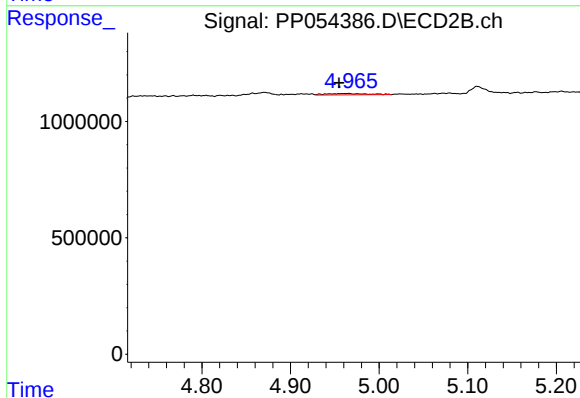
R.T.: 4.871 min
Delta R.T.: 0.000 min
Response: 209355
Conc: 12.61 ng/ml



#14 AR-1232-4

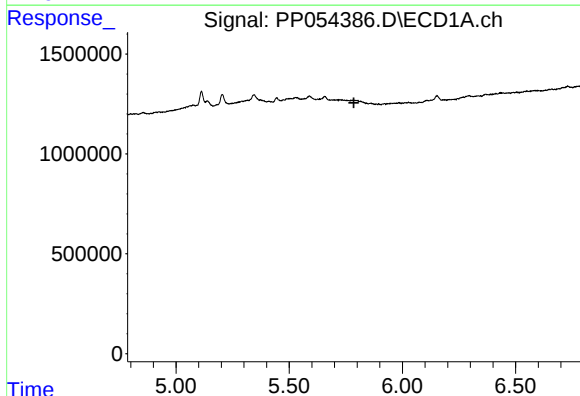
R.T.: 0.000 min
Exp R.T.: 5.694 min
Response: 0
Conc: N.D.

Instrument :
ECD_S
ClientSampleId :
S4-03



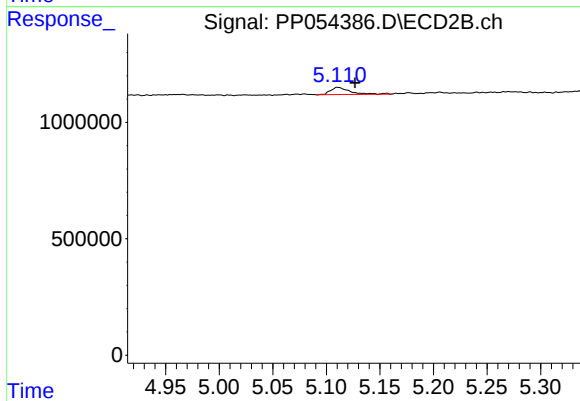
#14 AR-1232-4

R.T.: 4.964 min
Delta R.T.: 0.009 min
Response: 191256
Conc: 11.40 ng/ml



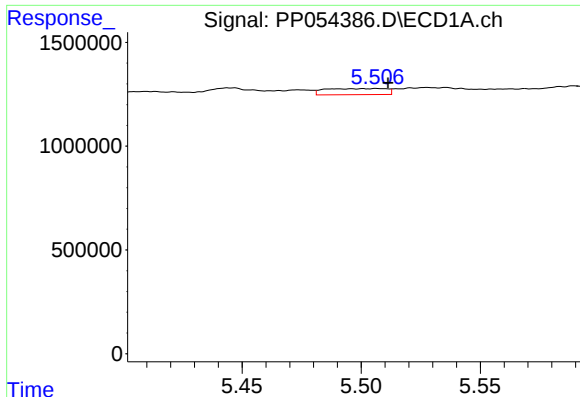
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 5.786 min
Response: 0
Conc: N.D.



#15 AR-1232-5

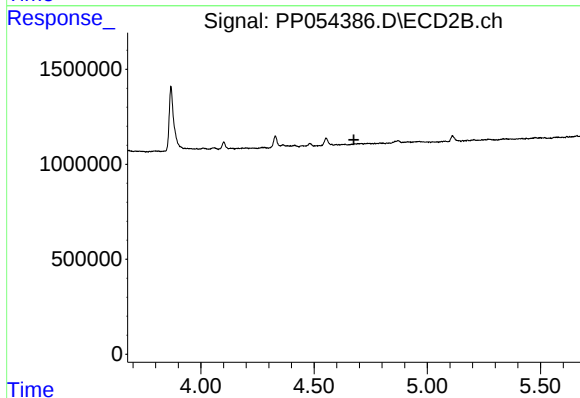
R.T.: 5.111 min
Delta R.T.: -0.015 min
Response: 394102
Conc: 21.83 ng/ml



#16 AR-1242-1

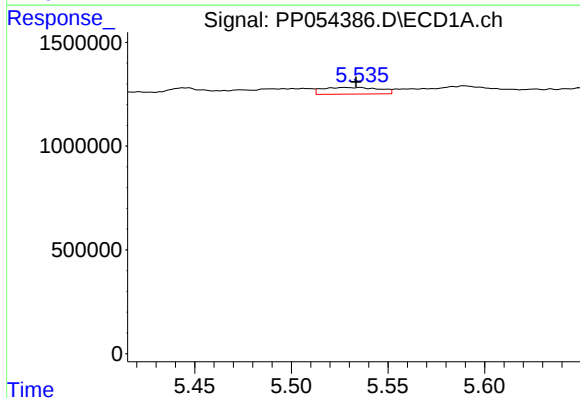
R.T.: 5.507 min
Delta R.T.: -0.004 min
Response: 522738
Conc: 8.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-03



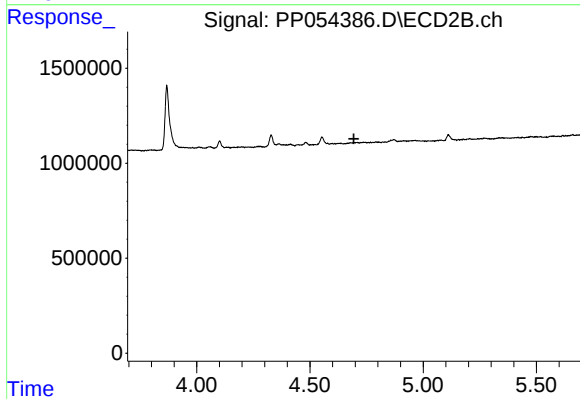
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.675 min
Response: 0
Conc: N.D.



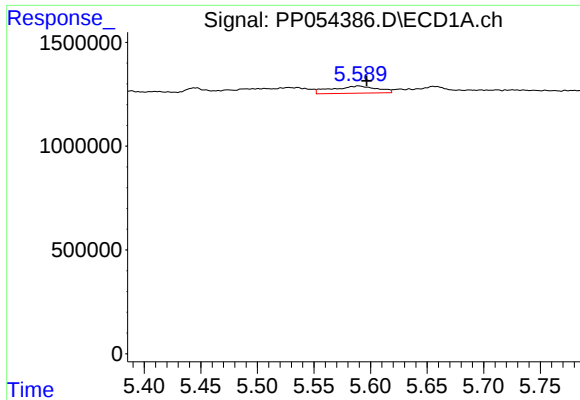
#17 AR-1242-2

R.T.: 5.528 min
Delta R.T.: -0.006 min
Response: 648365
Conc: 7.58 ng/ml



#17 AR-1242-2

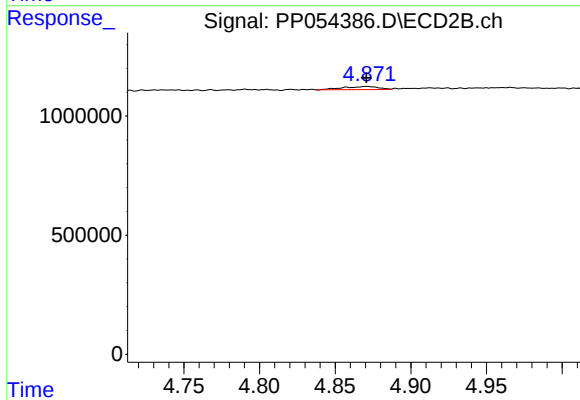
R.T.: 0.000 min
Exp R.T. : 4.694 min
Response: 0
Conc: N.D.



#18 AR-1242-3

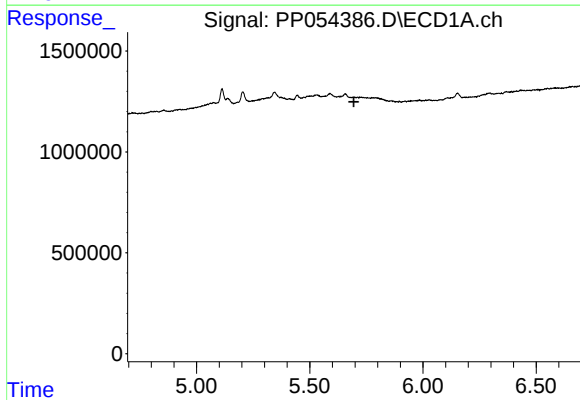
R.T.: 5.590 min
Delta R.T.: -0.007 min
Response: 954015
Conc: 17.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-03



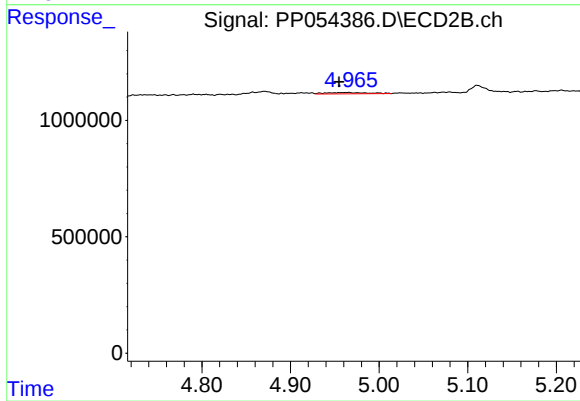
#18 AR-1242-3

R.T.: 4.871 min
Delta R.T.: 0.000 min
Response: 209355
Conc: 6.55 ng/ml



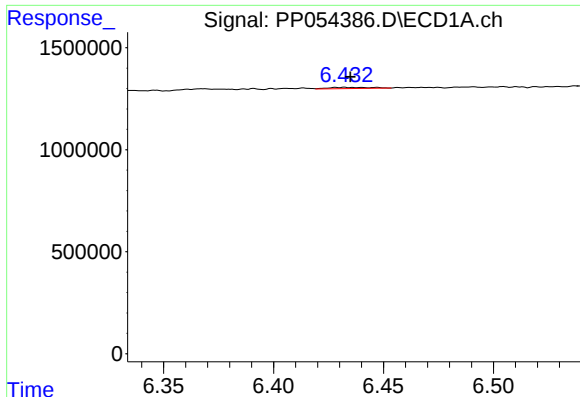
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.695 min
Response: 0
Conc: N.D.



#19 AR-1242-4

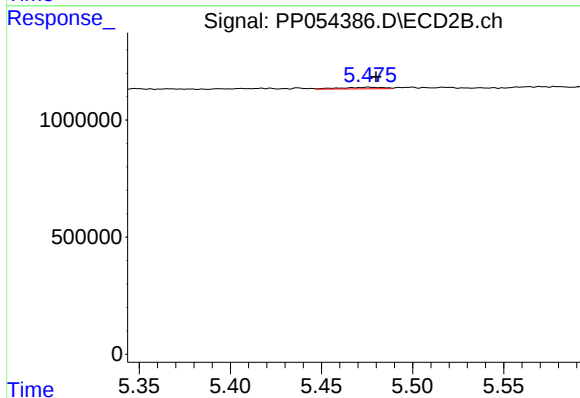
R.T.: 4.964 min
Delta R.T.: 0.009 min
Response: 191256
Conc: 5.48 ng/ml



#20 AR-1242-5

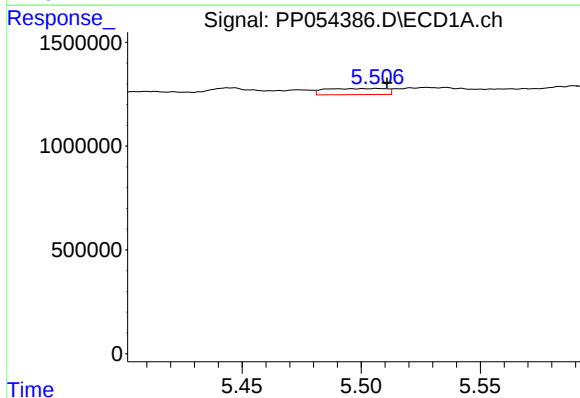
R.T.: 6.432 min
Delta R.T.: -0.003 min
Response: 79564
Conc: 2.42 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-03



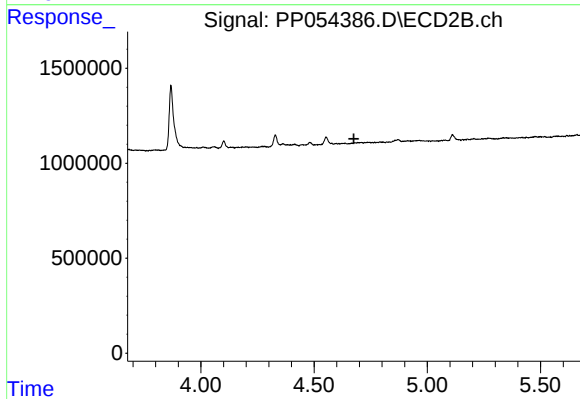
#20 AR-1242-5

R.T.: 5.477 min
Delta R.T.: -0.003 min
Response: 111178
Conc: 2.95 ng/ml



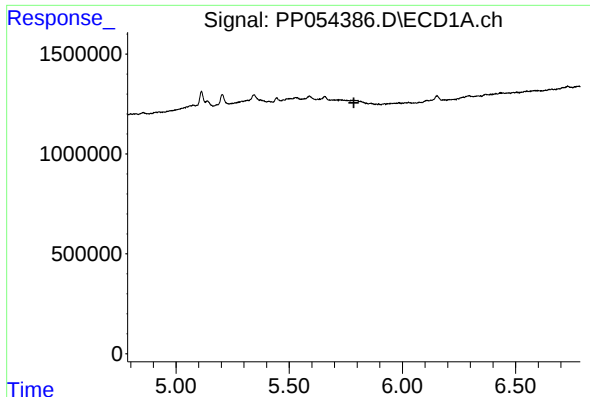
#21 AR-1248-1

R.T.: 5.507 min
Delta R.T.: -0.004 min
Response: 522738
Conc: 11.64 ng/ml



#21 AR-1248-1

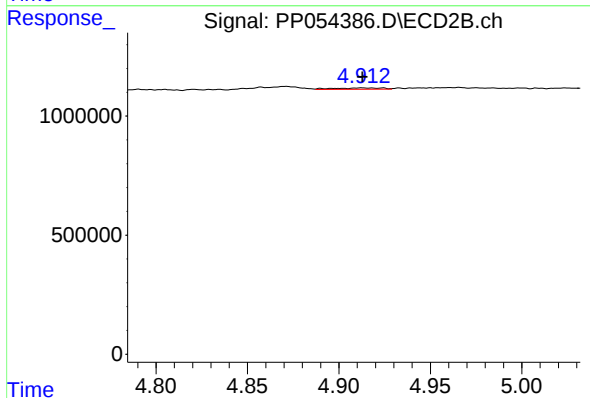
R.T.: 0.000 min
Exp R.T.: 4.675 min
Response: 0
Conc: N.D.



#22 AR-1248-2

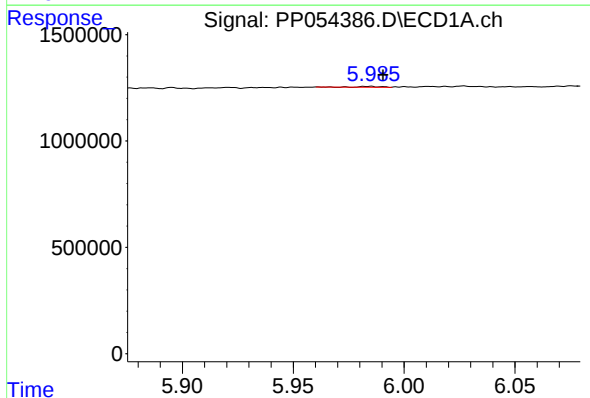
R.T.: 0.000 min
Exp R.T.: 5.786 min
Response: 0
Conc: N.D.

Instrument :
ECD_S
ClientSampleId :
S4-03



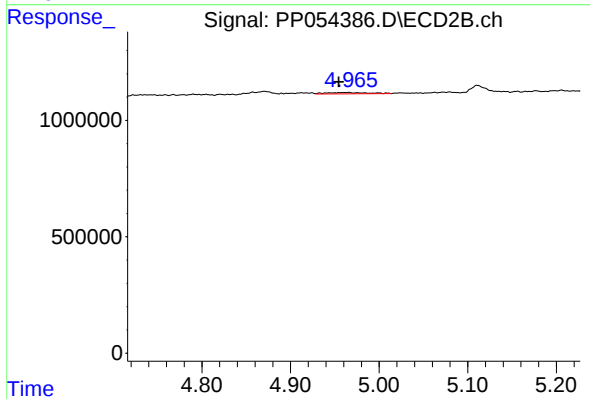
#22 AR-1248-2

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 106522
Conc: 2.16 ng/ml



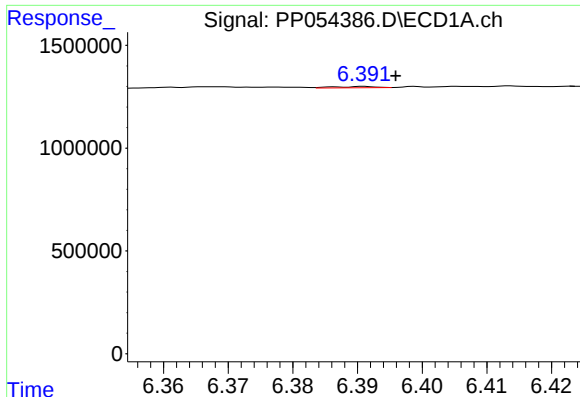
#23 AR-1248-3

R.T.: 5.984 min
Delta R.T.: -0.006 min
Response: 26358
Conc: 0.44 ng/ml



#23 AR-1248-3

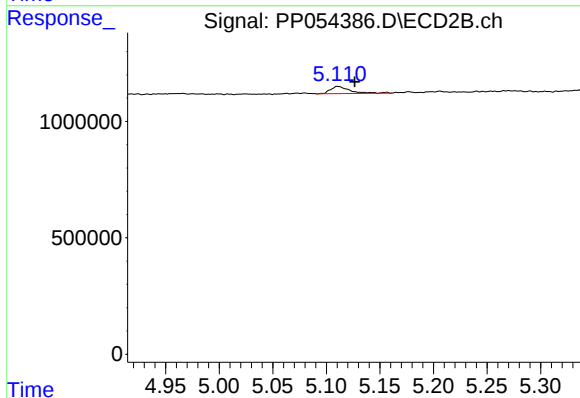
R.T.: 4.964 min
Delta R.T.: 0.009 min
Response: 191256
Conc: 3.71 ng/ml



#24 AR-1248-4

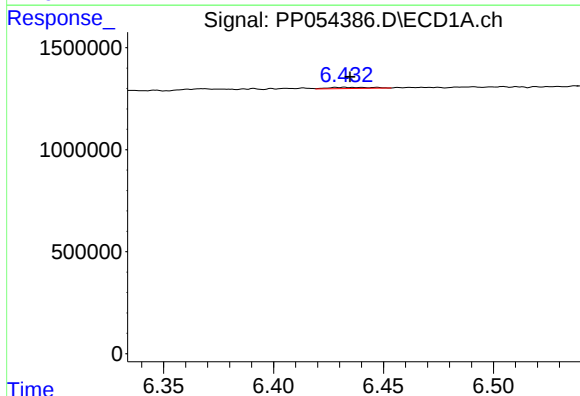
R.T.: 6.391 min
Delta R.T.: -0.005 min
Response: 28310
Conc: 0.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-03



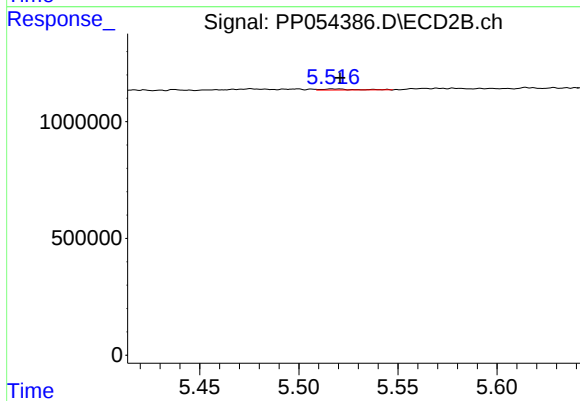
#24 AR-1248-4

R.T.: 5.111 min
Delta R.T.: -0.015 min
Response: 394102
Conc: 6.68 ng/ml



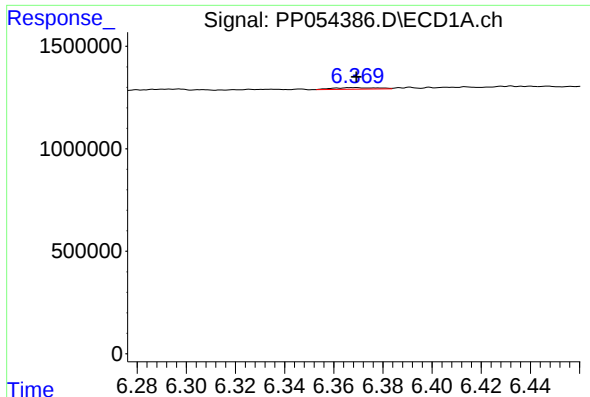
#25 AR-1248-5

R.T.: 6.432 min
Delta R.T.: -0.003 min
Response: 79564
Conc: 1.43 ng/ml



#25 AR-1248-5

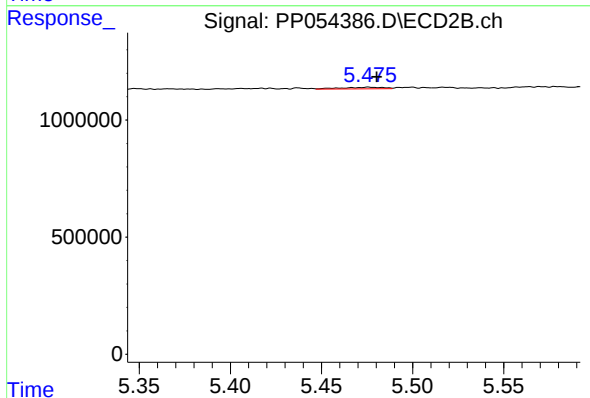
R.T.: 5.518 min
Delta R.T.: -0.003 min
Response: 54437
Conc: 1.10 ng/ml



#26 AR-1254-1

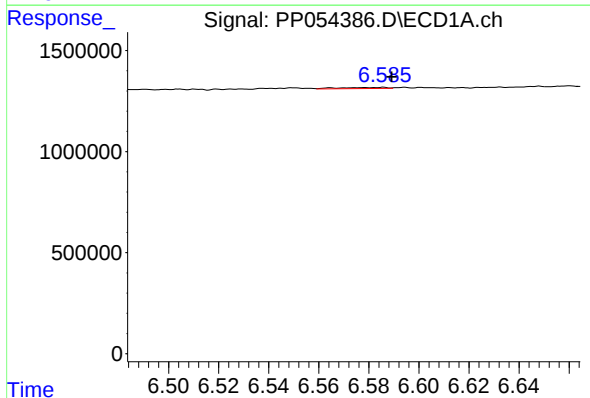
R.T.: 6.368 min
Delta R.T.: -0.001 min
Response: 96410
Conc: 1.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-03



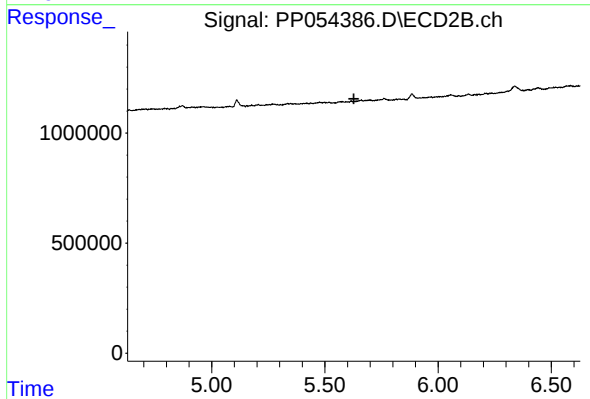
#26 AR-1254-1

R.T.: 5.477 min
Delta R.T.: -0.004 min
Response: 111178
Conc: 1.30 ng/ml



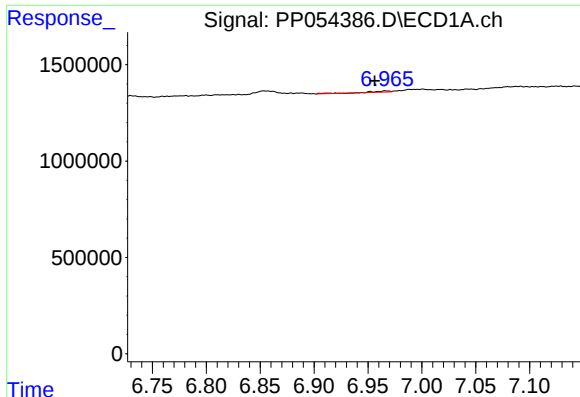
#27 AR-1254-2

R.T.: 6.585 min
Delta R.T.: -0.004 min
Response: 71936
Conc: 0.77 ng/ml



#27 AR-1254-2

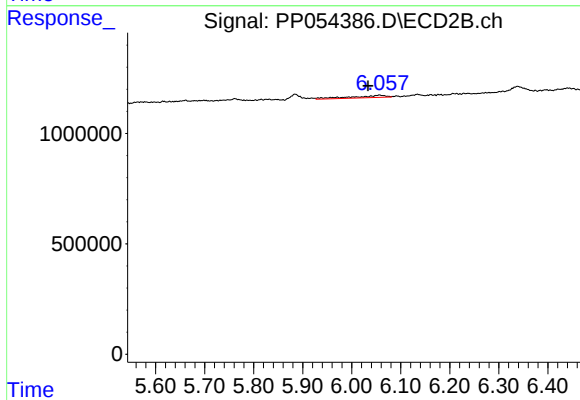
R.T.: 0.000 min
Exp R.T.: 5.628 min
Response: 0
Conc: N.D.



#28 AR-1254-3

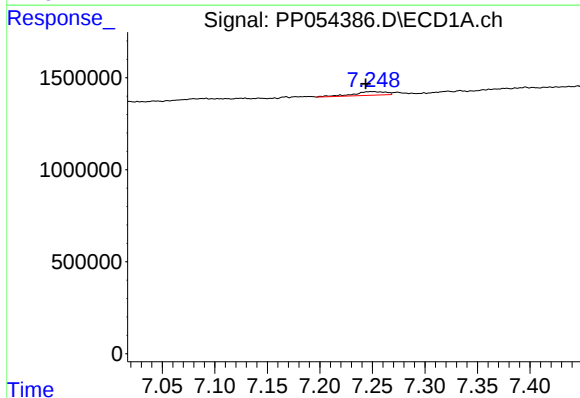
R.T.: 6.966 min
Delta R.T.: 0.010 min
Response: 83202
Conc: 0.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-03



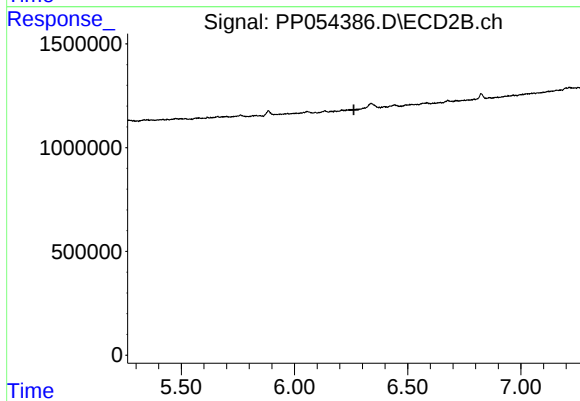
#28 AR-1254-3

R.T.: 6.057 min
Delta R.T.: 0.023 min
Response: 486576
Conc: 4.19 ng/ml



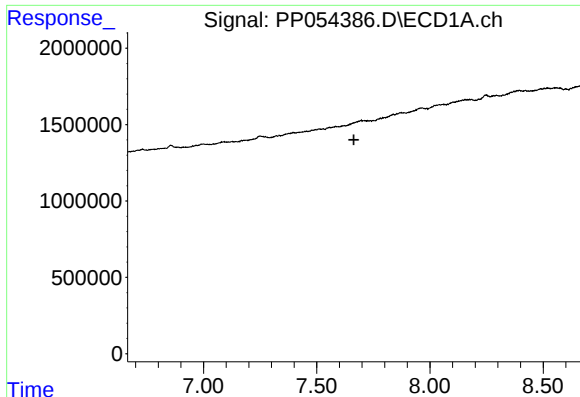
#29 AR-1254-4

R.T.: 7.250 min
Delta R.T.: 0.006 min
Response: 412564
Conc: 6.08 ng/ml



#29 AR-1254-4

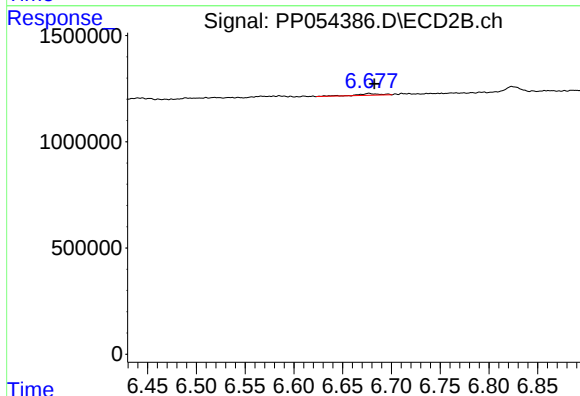
R.T.: 0.000 min
Exp R.T.: 6.263 min
Response: 0
Conc: N.D.



#30 AR-1254-5

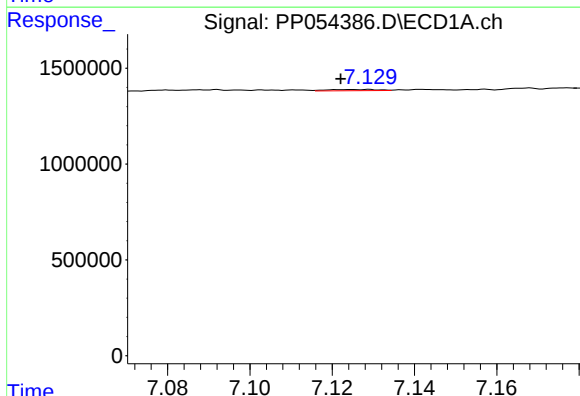
R.T.: 0.000 min
Exp R.T.: 7.664 min
Response: 0
Conc: N.D.

Instrument :
ECD_S
ClientSampleId :
S4-03



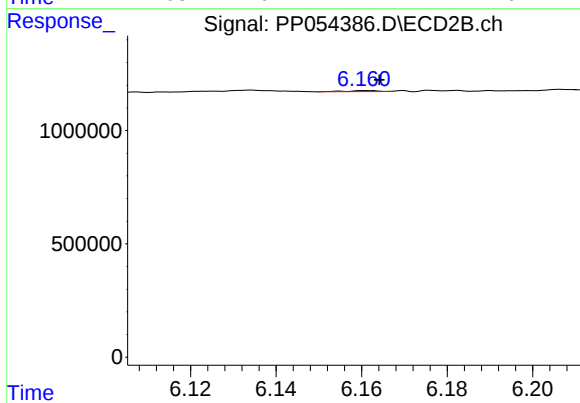
#30 AR-1254-5

R.T.: 6.677 min
Delta R.T.: -0.005 min
Response: 141117
Conc: 1.48 ng/ml



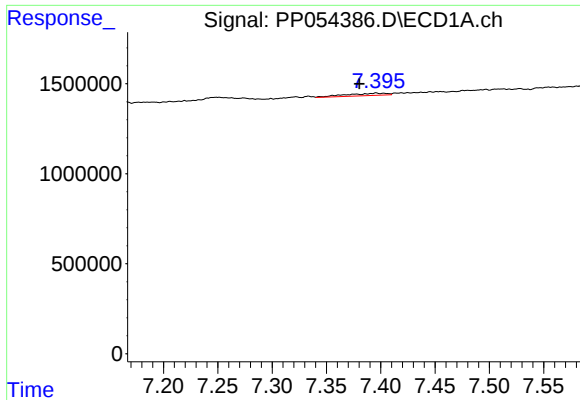
#31 AR-1260-1

R.T.: 7.128 min
Delta R.T.: 0.006 min
Response: 55090
Conc: 0.71 ng/ml



#31 AR-1260-1

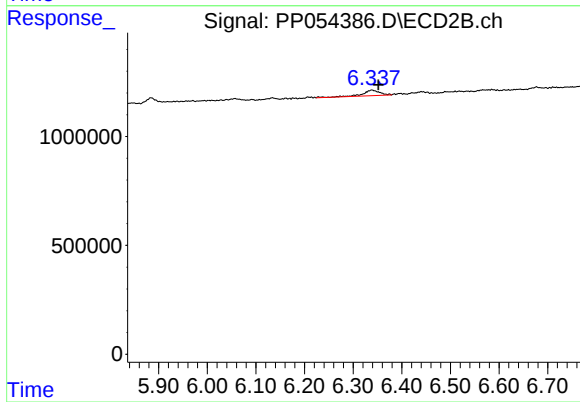
R.T.: 6.162 min
Delta R.T.: -0.003 min
Response: 20723
Conc: 0.24 ng/ml



#32 AR-1260-2

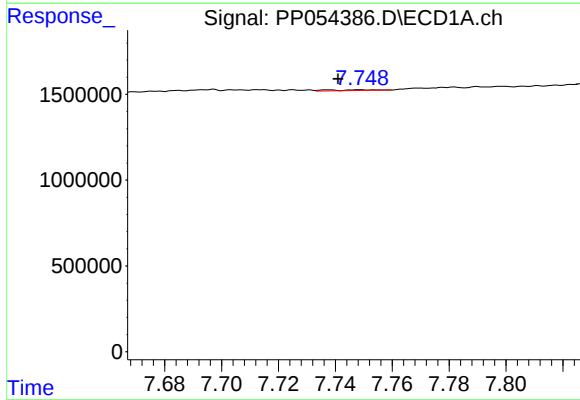
R.T.: 7.396 min
Delta R.T.: 0.016 min
Response: 323059
Conc: 3.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-03



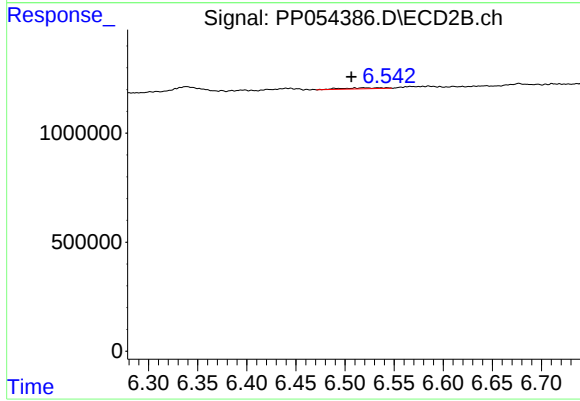
#32 AR-1260-2

R.T.: 6.339 min
Delta R.T.: -0.014 min
Response: 644414
Conc: 6.74 ng/ml



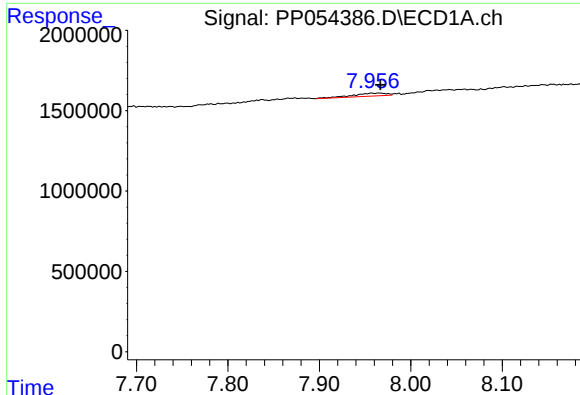
#33 AR-1260-3

R.T.: 7.748 min
Delta R.T.: 0.007 min
Response: 51046
Conc: 0.75 ng/ml



#33 AR-1260-3

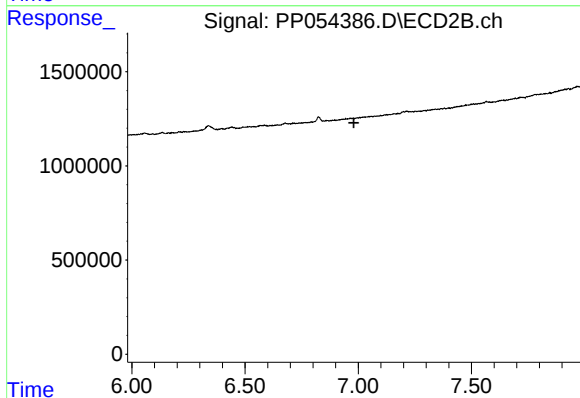
R.T.: 6.536 min
Delta R.T.: 0.029 min
Response: 133917
Conc: 1.47 ng/ml



#34 AR-1260-4

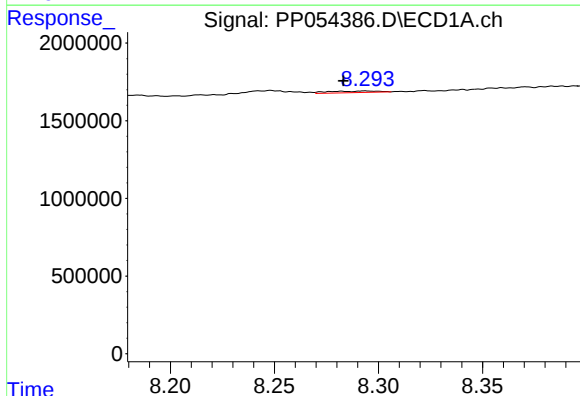
R.T.: 7.965 min
Delta R.T.: -0.001 min
Response: 473961
Conc: 5.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-03



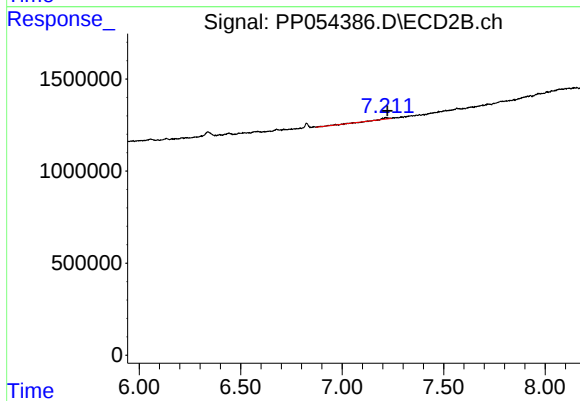
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.981 min
Response: 0
Conc: N.D.



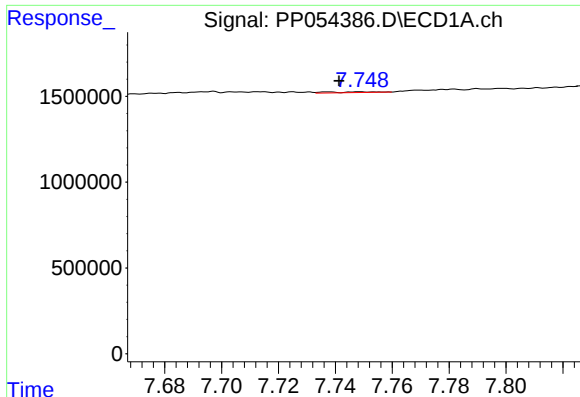
#35 AR-1260-5

R.T.: 8.293 min
Delta R.T.: 0.010 min
Response: 176159
Conc: 1.23 ng/ml



#35 AR-1260-5

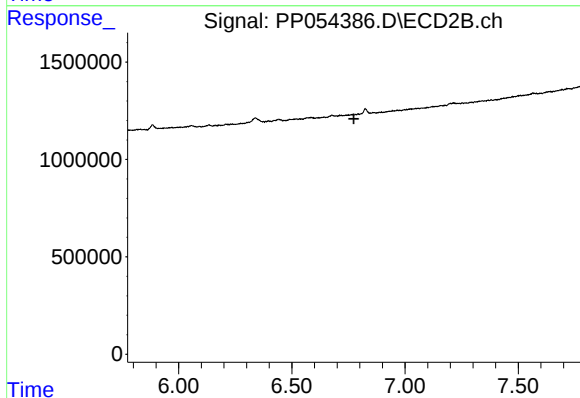
R.T.: 7.214 min
Delta R.T.: -0.009 min
Response: 176542
Conc: 1.11 ng/ml



#36 AR-1262-1

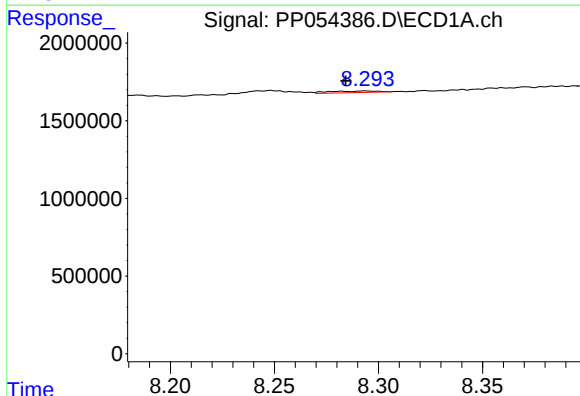
R.T.: 7.748 min
Delta R.T.: 0.007 min
Response: 51046
Conc: 0.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-03



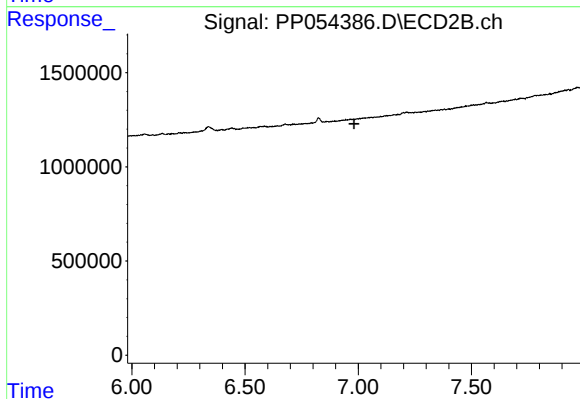
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.774 min
Response: 0
Conc: N.D.



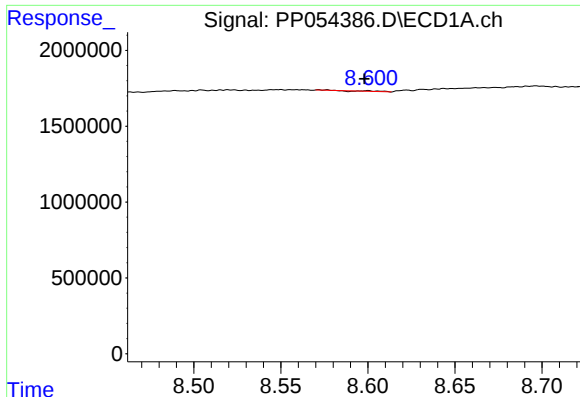
#37 AR-1262-2

R.T.: 8.293 min
Delta R.T.: 0.009 min
Response: 176159
Conc: 1.24 ng/ml



#37 AR-1262-2

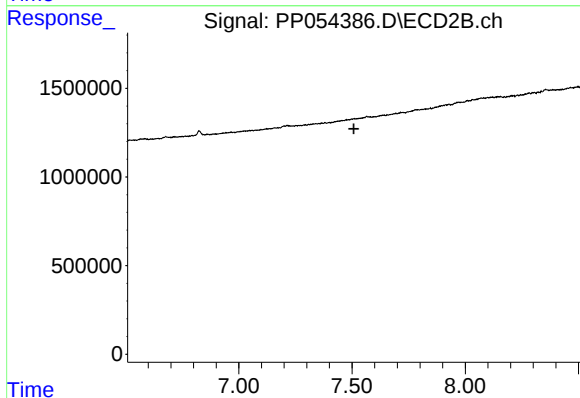
R.T.: 0.000 min
Exp R.T. : 6.981 min
Response: 0
Conc: N.D.



#38 AR-1262-3

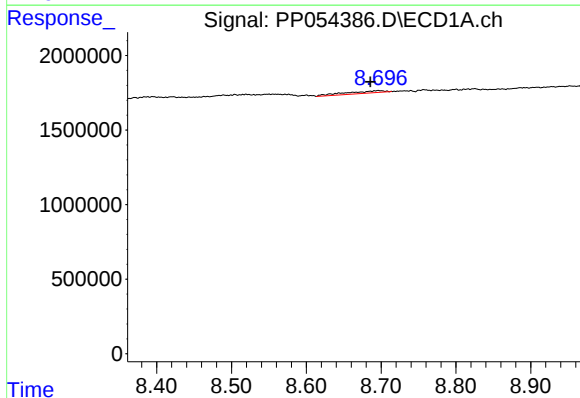
R.T.: 8.600 min
Delta R.T.: 0.002 min
Response: 29968
Conc: 0.29 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-03



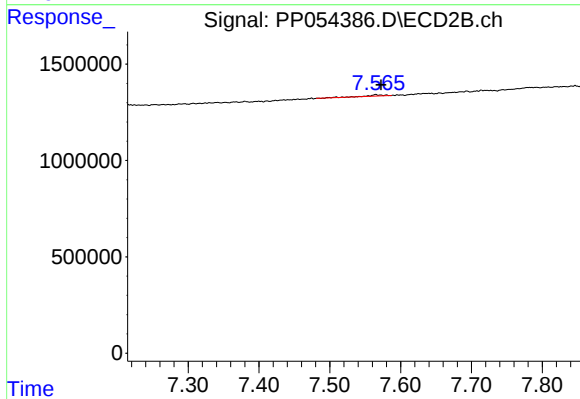
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.508 min
Response: 0
Conc: N.D.



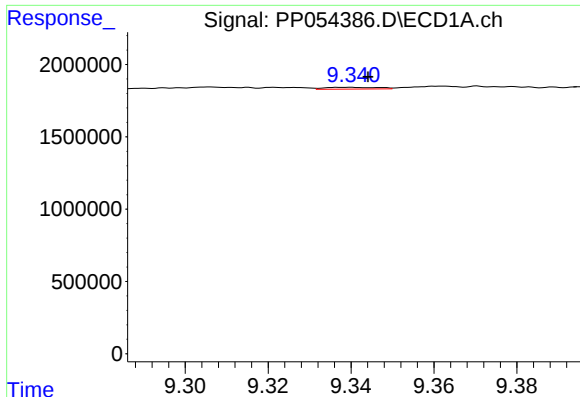
#39 AR-1262-4

R.T.: 8.697 min
Delta R.T.: 0.011 min
Response: 535055
Conc: 10.57 ng/ml



#39 AR-1262-4

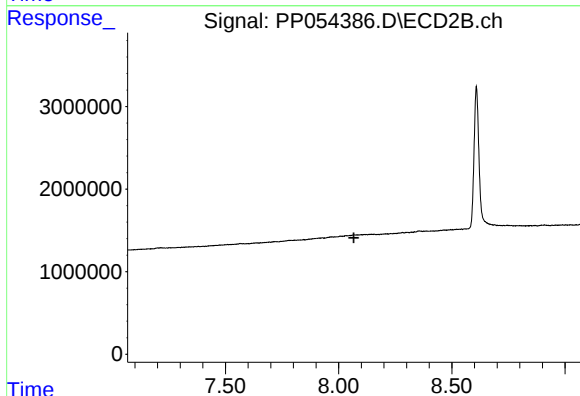
R.T.: 7.565 min
Delta R.T.: -0.008 min
Response: 106904
Conc: 0.91 ng/ml



#40 AR-1262-5

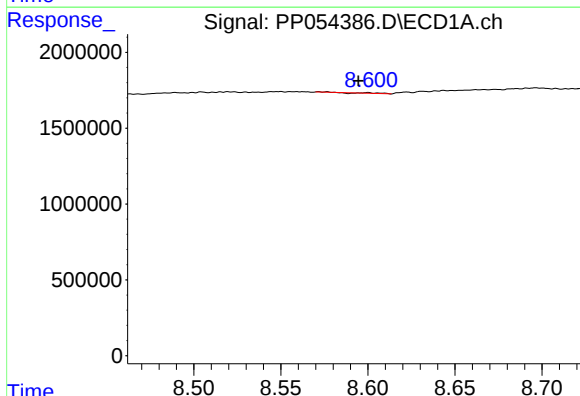
R.T.: 9.340 min
Delta R.T.: -0.004 min
Response: 112858
Conc: 2.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-03



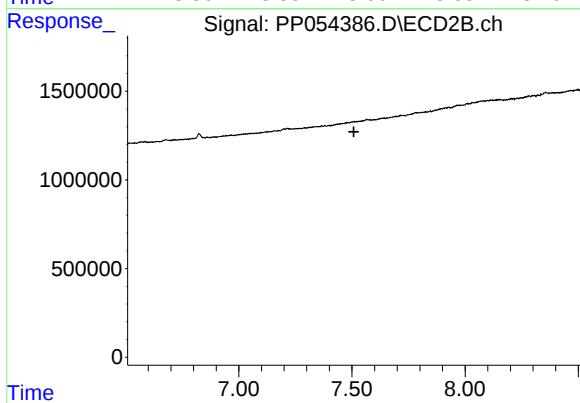
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.067 min
Response: 0
Conc: N.D.



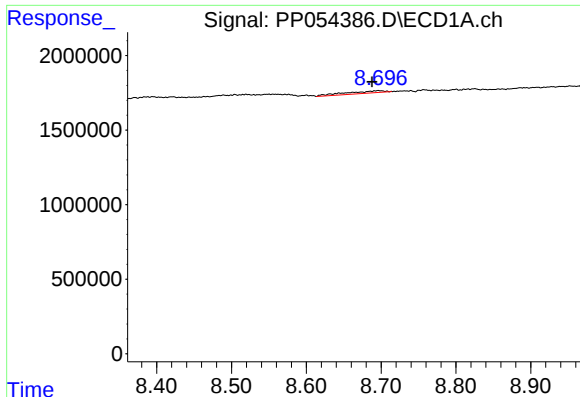
#41 AR-1268-1

R.T.: 8.600 min
Delta R.T.: 0.005 min
Response: 29968
Conc: 0.15 ng/ml



#41 AR-1268-1

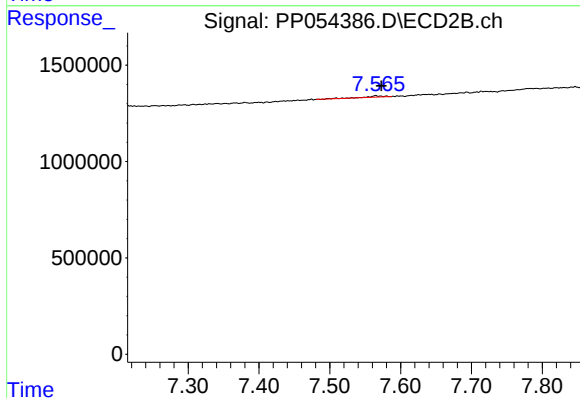
R.T.: 0.000 min
Exp R.T. : 7.509 min
Response: 0
Conc: N.D.



#42 AR-1268-2

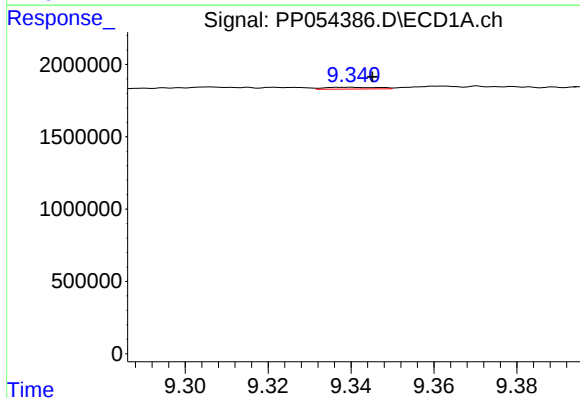
R.T.: 8.697 min
Delta R.T.: 0.009 min
Response: 535055
Conc: 3.03 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-03



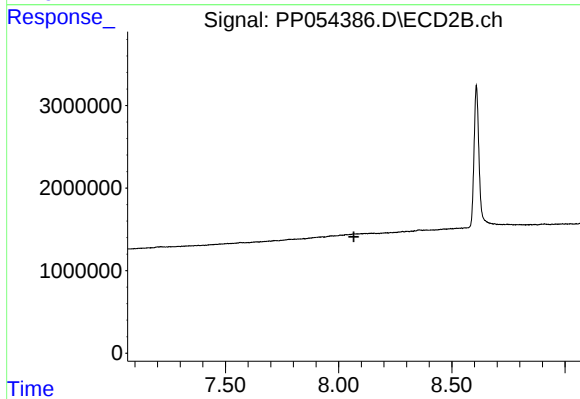
#42 AR-1268-2

R.T.: 7.565 min
Delta R.T.: -0.008 min
Response: 106904
Conc: 0.58 ng/ml



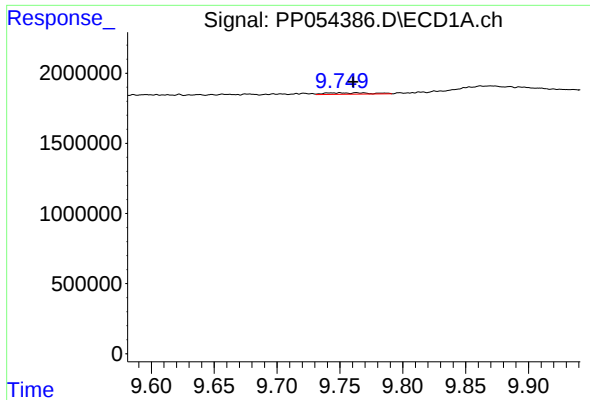
#44 AR-1268-4

R.T.: 9.340 min
Delta R.T.: -0.005 min
Response: 112858
Conc: 1.65 ng/ml



#44 AR-1268-4

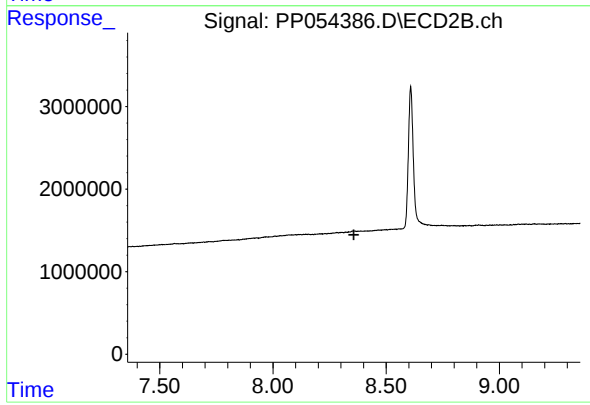
R.T.: 0.000 min
Exp R.T.: 8.067 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.750 min
Delta R.T.: -0.011 min
Response: 244515
Conc: 0.48 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-03



#45 AR-1268-5

R.T.: 8.355 min
Delta R.T.: -0.002 min
Response: -4925
Conc: N.D.