

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP091923\
 Data File : PP059969.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2023 21:25
 Operator : YP\AJ
 Sample : 04494-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 01:29:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP091823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 19 09:22:53 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...	4.510	3.668	36735825	27842565	17.659	17.093
2)	SA Decachlor...	10.431	8.747	35802001	34351572	23.471	22.687
Target Compounds							
3)	L1 AR-1016-1	0.000	4.787	0	74064	N.D.	1.232 #
4)	L1 AR-1016-2	0.000	4.787	0	74064	N.D.	0.892 #
5)	L1 AR-1016-3	0.000	4.973	0	64768	N.D.	1.444 #
7)	L1 AR-1016-5	0.000	5.225	0	55895	N.D.	1.202 #
9)	L2 AR-1221-2	4.821	3.974	577374	470859	29.334	30.498
10)	L2 AR-1221-3	0.000	4.047	0	20411	N.D.	0.435 #
11)	L3 AR-1232-1	0.000	4.047	0	20411	N.D.	0.537 #
12)	L3 AR-1232-2	0.000	4.787	0	74064	N.D.	2.009 #
13)	L3 AR-1232-3	0.000	4.973	0	64768	N.D.	3.235 #
14)	L3 AR-1232-4	0.000	5.061	0	4364	N.D.	0.239 #
15)	L3 AR-1232-5	0.000	5.225	0	55895	N.D.	2.788 #
16)	L4 AR-1242-1	0.000	4.787	0	74064	N.D.	1.406 #
17)	L4 AR-1242-2	0.000	4.787	0	74064	N.D.	1.028 #
18)	L4 AR-1242-3	0.000	4.973	0	64768	N.D.	1.655 #
19)	L4 AR-1242-4	0.000	5.061	0	4364	N.D.	0.111 #
20)	L4 AR-1242-5	6.639	5.584	337258	106773	7.377	2.207 #
21)	L5 AR-1248-1	0.000	4.787	0	74064	N.D.	1.896 #
23)	L5 AR-1248-3	0.000	5.061	0	4364	N.D.	0.077 #
24)	L5 AR-1248-4	6.600	5.225	443017	55895	5.728	0.832 #
25)	L5 AR-1248-5	6.639	0.000	337258	0	4.482	N.D. #
26)	L6 AR-1254-1	0.000	5.584	0	106773	N.D.	1.064 #
27)	L6 AR-1254-2	6.807f	5.736	442930	33840	3.698	0.390 #
28)	L6 AR-1254-3	0.000	6.143	0	25229	N.D.	0.180 #
29)	L6 AR-1254-4	7.444	6.365	227637	25698	2.560	0.305 #
30)	L6 AR-1254-5	7.852f	6.795	36576	56223	0.376	0.474 #
31)	L7 AR-1260-1	7.350f	6.271	470312	61442	5.218	0.660 #
32)	L7 AR-1260-2	7.588	6.463	154808	21102	1.509	0.192 #
33)	L7 AR-1260-3	0.000	6.620	0	38968	N.D.	0.379 #
34)	L7 AR-1260-4	0.000	7.104	0	20463	N.D.	0.246 #
35)	L7 AR-1260-5	0.000	7.359	0	30610	N.D.	0.159 #
36)	L8 AR-1262-1	0.000	6.891	0	28168	N.D.	0.558 #
37)	L8 AR-1262-2	0.000	7.090	0	259738	N.D.	2.299 #
38)	L8 AR-1262-3	8.854	7.624	167638	86188	1.164	0.983
39)	L8 AR-1262-4	8.922	7.688	334663	35078	2.947	0.215 #
40)	L8 AR-1262-5	0.000	8.203	0	29036	N.D.	0.389 #
41)	L9 AR-1268-1	8.854f	7.624	167638	86188	0.669	0.331 #
42)	L9 AR-1268-2	8.922	7.688	334663	35078	1.458	0.152 #
43)	L9 AR-1268-3	0.000	7.901	0	74472	N.D.	0.365 #
44)	L9 AR-1268-4	0.000	8.203	0	29036	N.D.	0.360 #

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	0.000	8.488	0	62983	N.D.	0.100 #

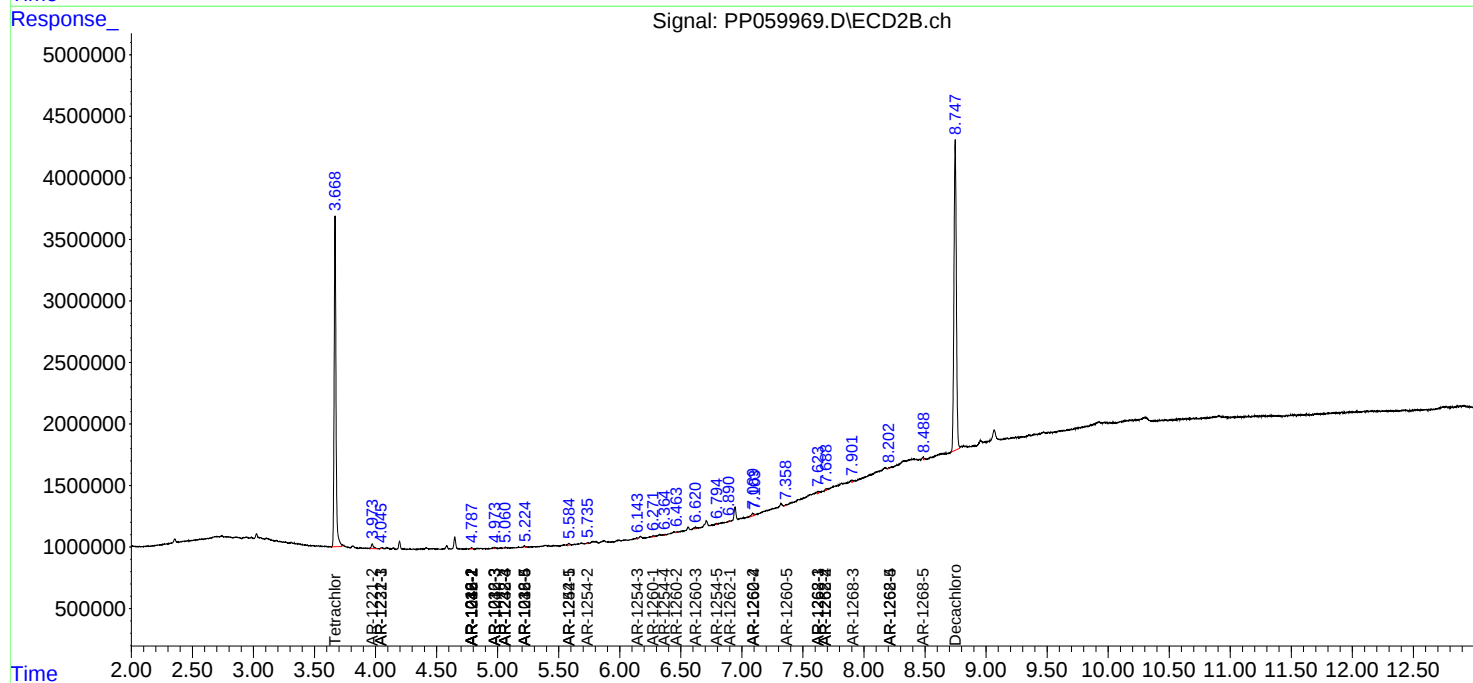
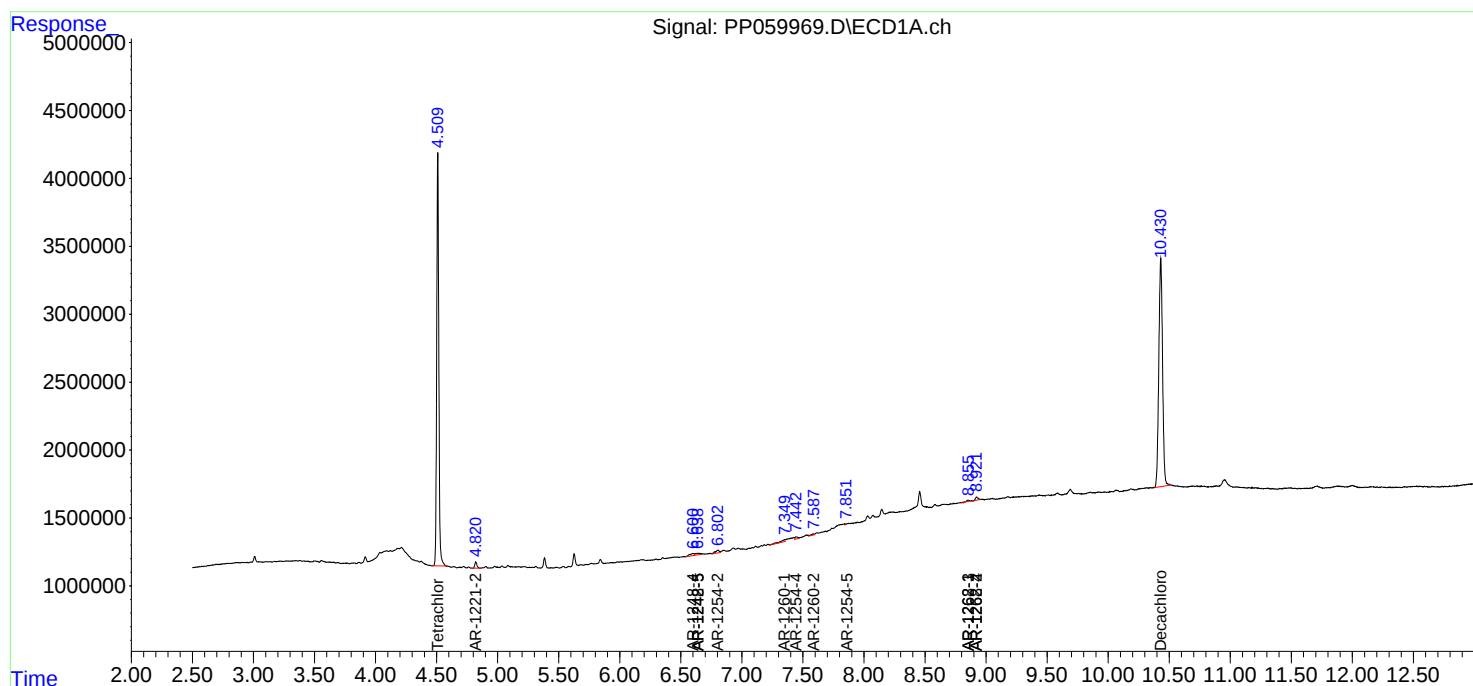
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

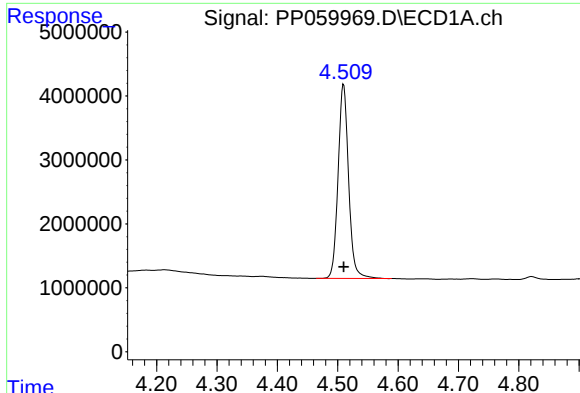
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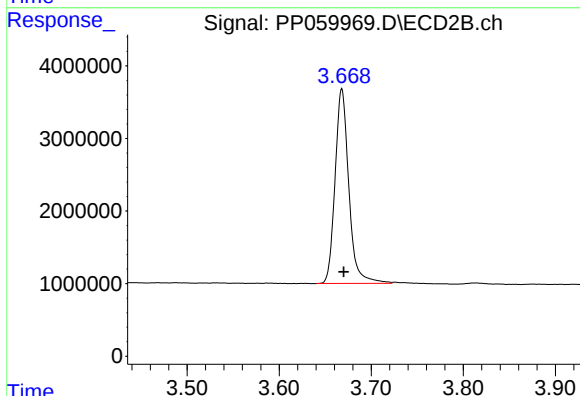




#1 Tetrachloro-m-xylene

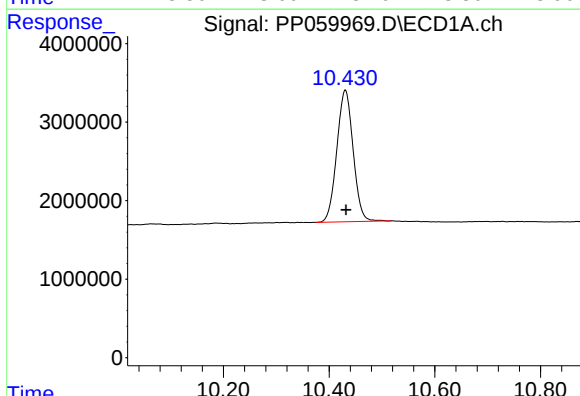
R.T.: 4.510 min
Delta R.T.: 0.000 min
Response: 36735825
Conc: 17.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



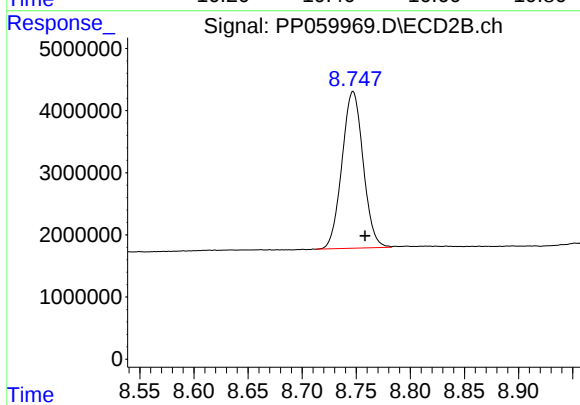
#1 Tetrachloro-m-xylene

R.T.: 3.668 min
Delta R.T.: -0.002 min
Response: 27842565
Conc: 17.09 ng/ml



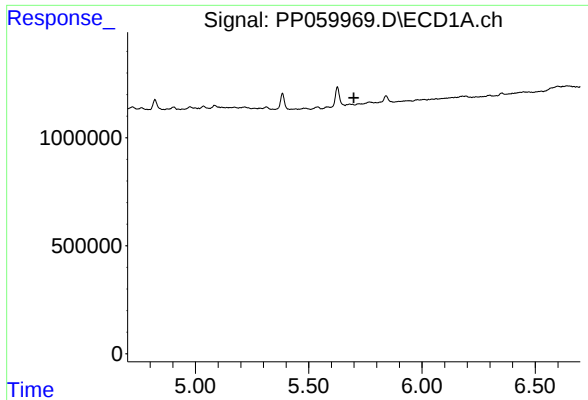
#2 Decachlorobiphenyl

R.T.: 10.431 min
Delta R.T.: -0.001 min
Response: 35802001
Conc: 23.47 ng/ml



#2 Decachlorobiphenyl

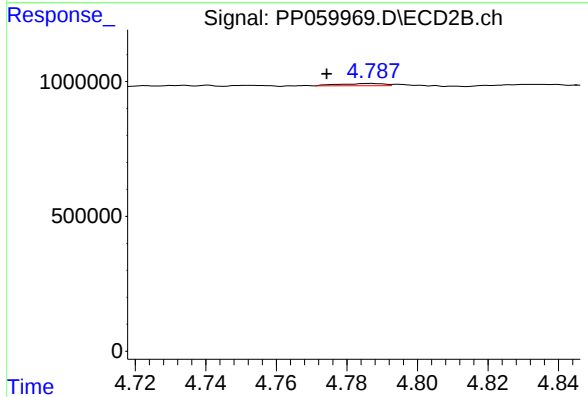
R.T.: 8.747 min
Delta R.T.: -0.011 min
Response: 34351572
Conc: 22.69 ng/ml



#3 AR-1016-1

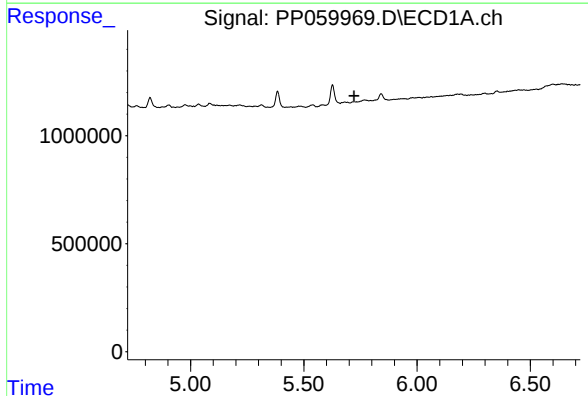
R.T.: 0.000 min
Exp R.T.: 5.699 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



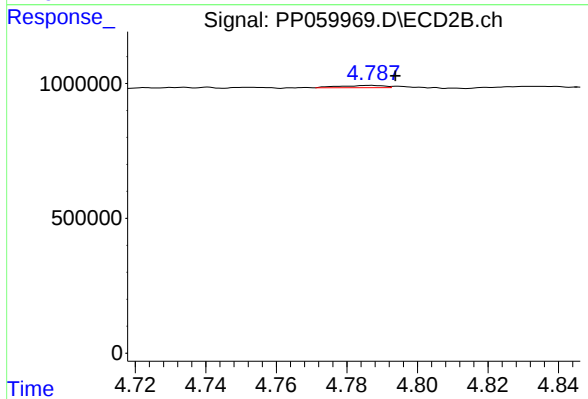
#3 AR-1016-1

R.T.: 4.787 min
Delta R.T.: 0.013 min
Response: 74064
Conc: 1.23 ng/ml



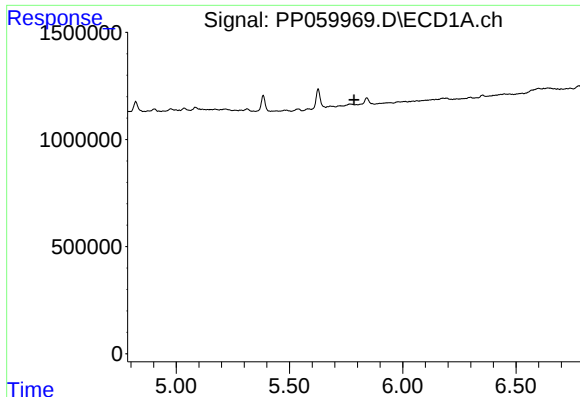
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.721 min
Response: 0
Conc: N.D.



#4 AR-1016-2

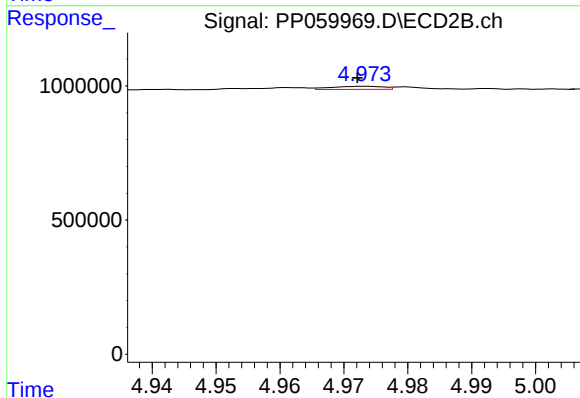
R.T.: 4.787 min
Delta R.T.: -0.007 min
Response: 74064
Conc: 0.89 ng/ml



#5 AR-1016-3

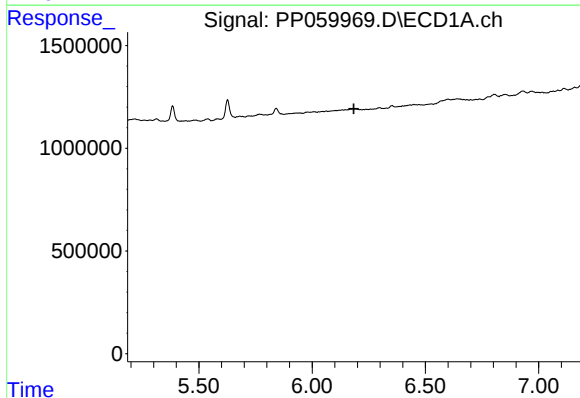
R.T.: 0.000 min
Exp R.T.: 5.785 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



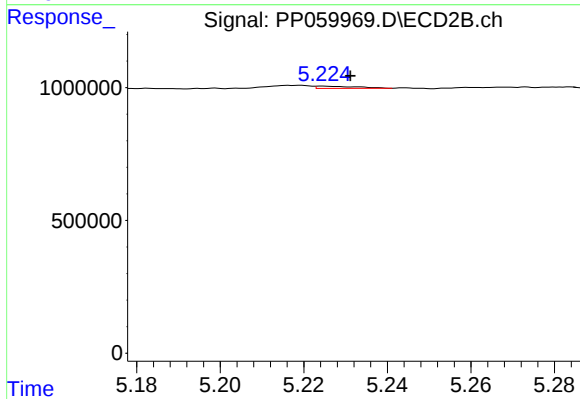
#5 AR-1016-3

R.T.: 4.973 min
Delta R.T.: 0.001 min
Response: 64768
Conc: 1.44 ng/ml



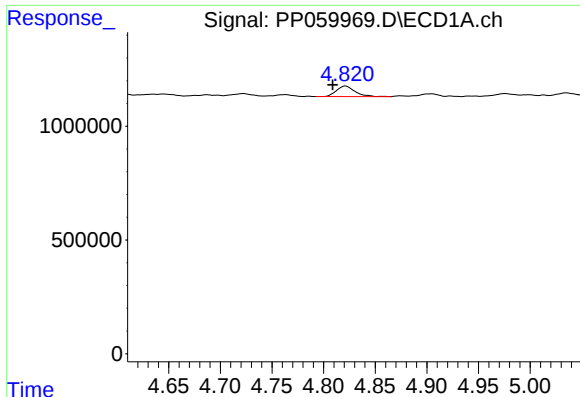
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T.: 6.184 min
Response: 0
Conc: N.D.



#7 AR-1016-5

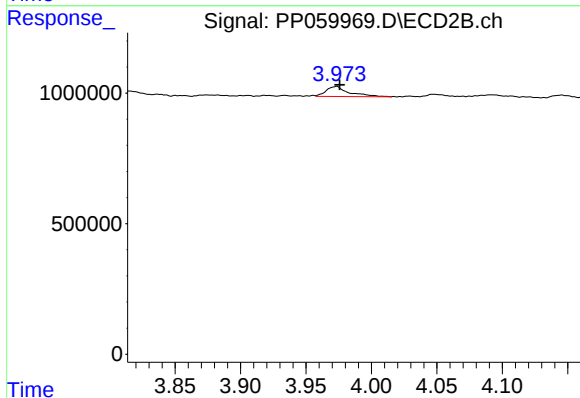
R.T.: 5.225 min
Delta R.T.: -0.007 min
Response: 55895
Conc: 1.20 ng/ml



#9 AR-1221-2

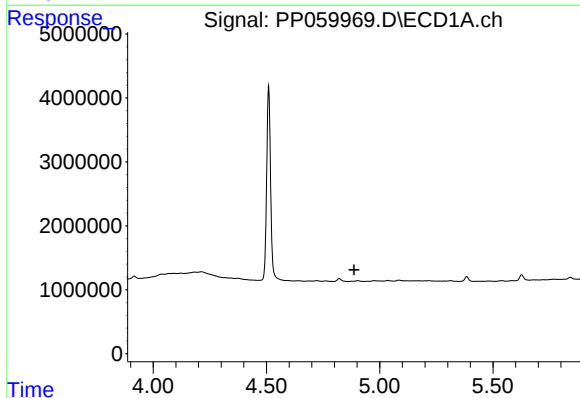
R.T.: 4.821 min
Delta R.T.: 0.012 min
Response: 577374
Conc: 29.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



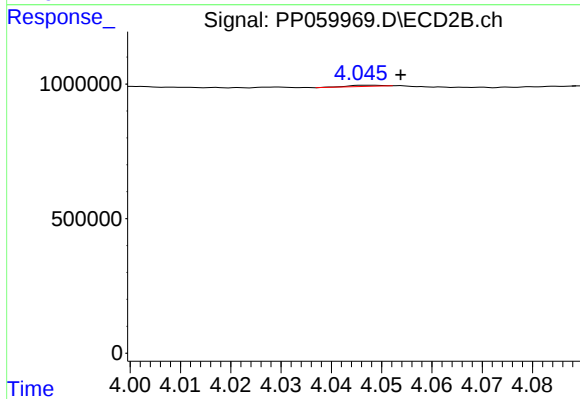
#9 AR-1221-2

R.T.: 3.974 min
Delta R.T.: -0.002 min
Response: 470859
Conc: 30.50 ng/ml



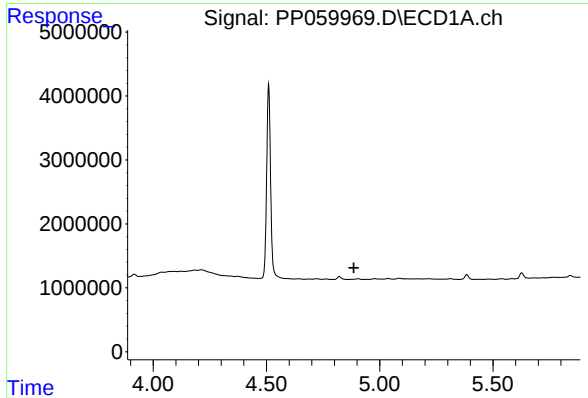
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.887 min
Response: 0
Conc: N.D.



#10 AR-1221-3

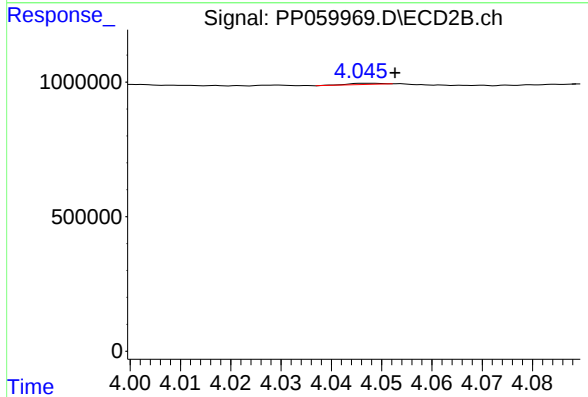
R.T.: 4.047 min
Delta R.T.: -0.007 min
Response: 20411
Conc: 0.44 ng/ml



#11 AR-1232-1

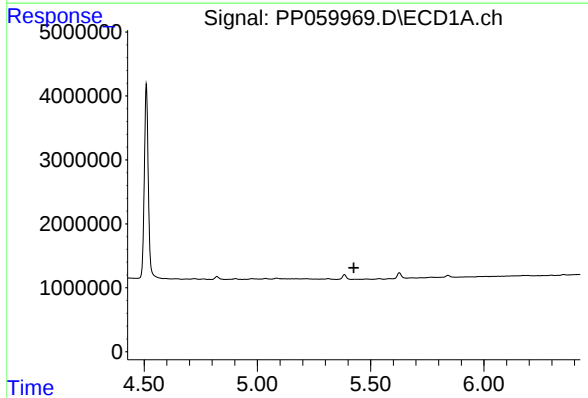
R.T.: 0.000 min
Exp R.T.: 4.886 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



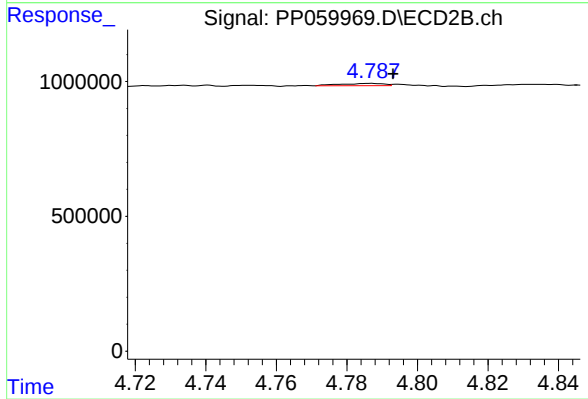
#11 AR-1232-1

R.T.: 4.047 min
Delta R.T.: -0.006 min
Response: 20411
Conc: 0.54 ng/ml



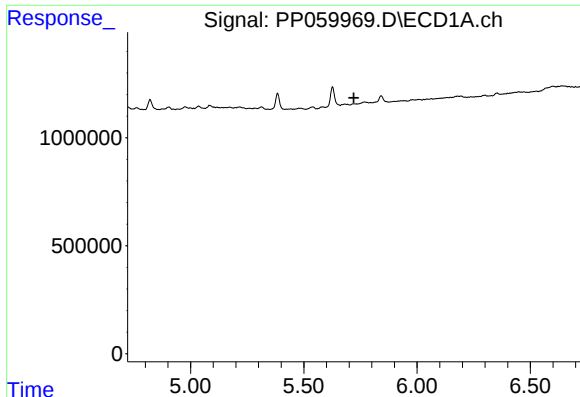
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.426 min
Response: 0
Conc: N.D.



#12 AR-1232-2

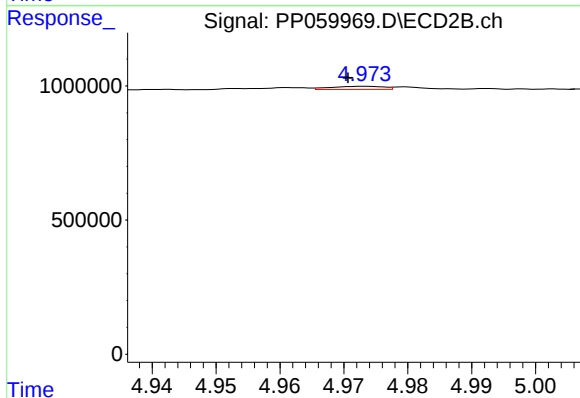
R.T.: 4.787 min
Delta R.T.: -0.006 min
Response: 74064
Conc: 2.01 ng/ml



#13 AR-1232-3

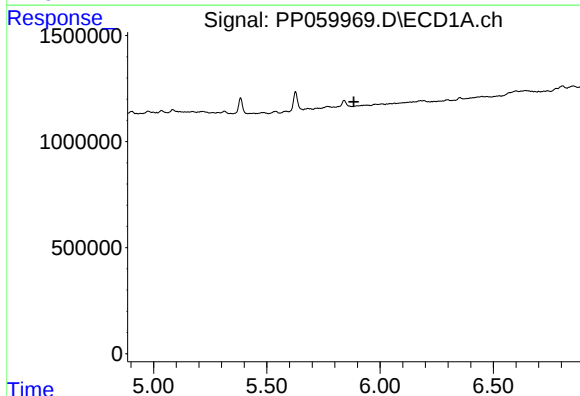
R.T.: 0.000 min
Exp R.T. : 5.721 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



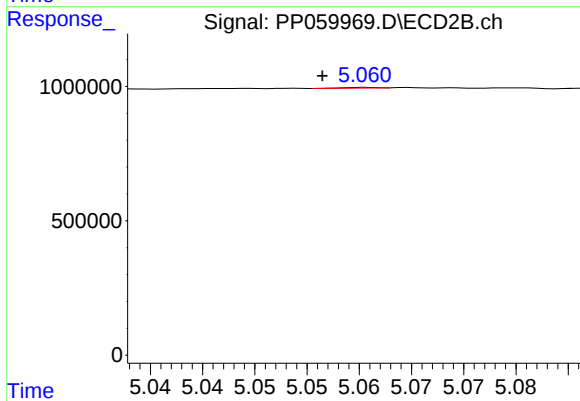
#13 AR-1232-3

R.T.: 4.973 min
Delta R.T.: 0.003 min
Response: 64768
Conc: 3.23 ng/ml



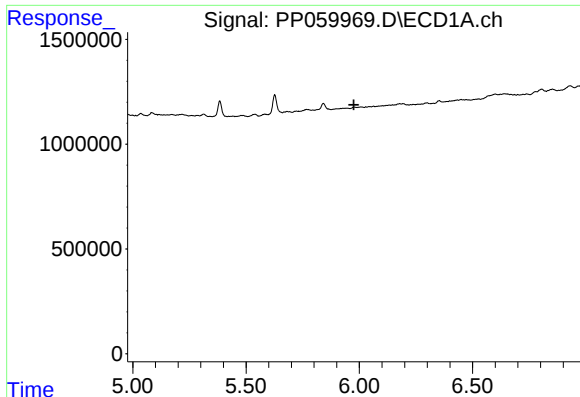
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.884 min
Response: 0
Conc: N.D.



#14 AR-1232-4

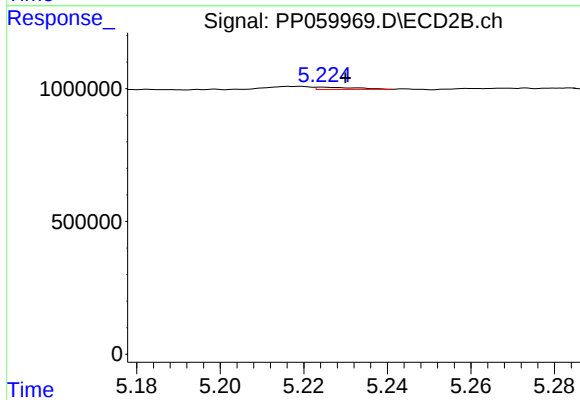
R.T.: 5.061 min
Delta R.T.: 0.004 min
Response: 4364
Conc: 0.24 ng/ml



#15 AR-1232-5

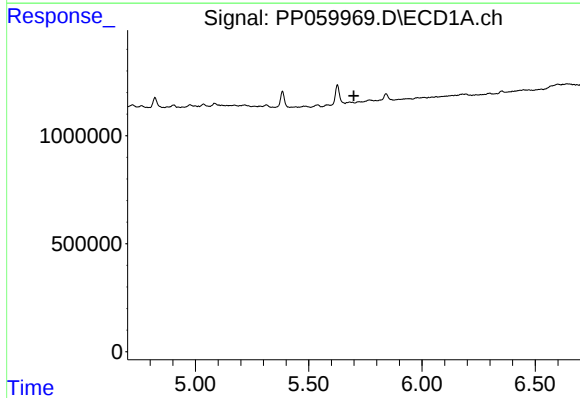
R.T.: 0.000 min
Exp R.T.: 5.976 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



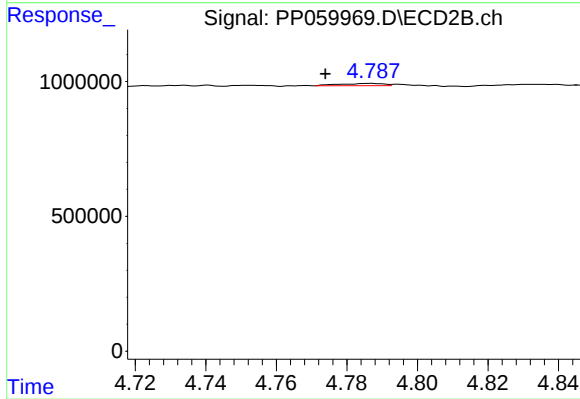
#15 AR-1232-5

R.T.: 5.225 min
Delta R.T.: -0.005 min
Response: 55895
Conc: 2.79 ng/ml



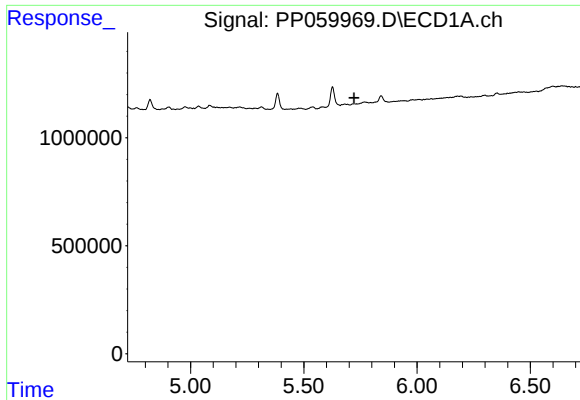
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 5.699 min
Response: 0
Conc: N.D.



#16 AR-1242-1

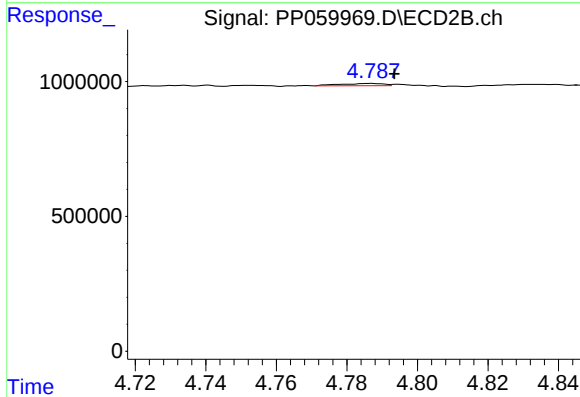
R.T.: 4.787 min
Delta R.T.: 0.013 min
Response: 74064
Conc: 1.41 ng/ml



#17 AR-1242-2

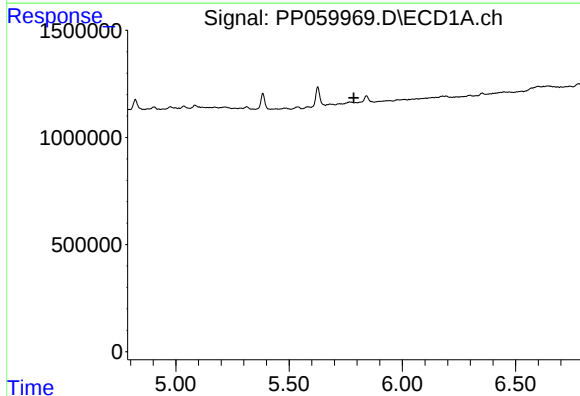
R.T.: 0.000 min
Exp R.T. : 5.721 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



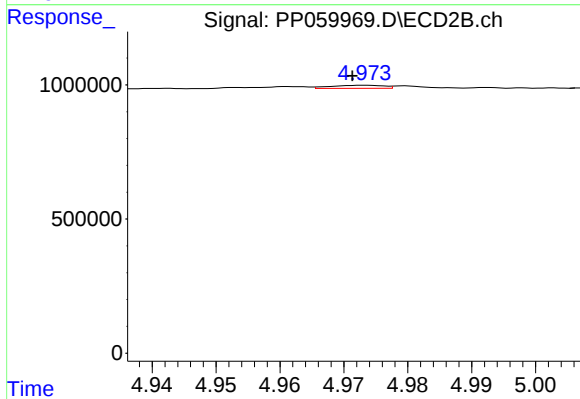
#17 AR-1242-2

R.T.: 4.787 min
Delta R.T.: -0.006 min
Response: 74064
Conc: 1.03 ng/ml



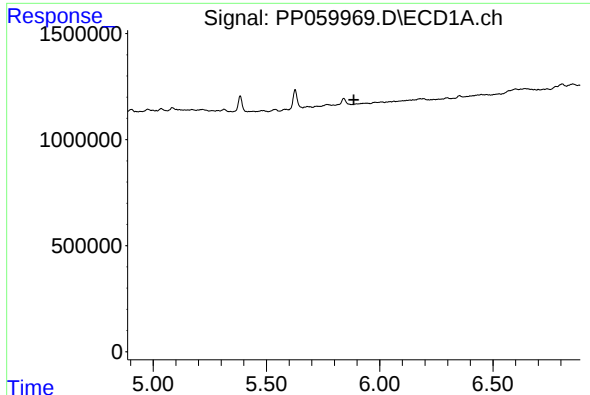
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.785 min
Response: 0
Conc: N.D.



#18 AR-1242-3

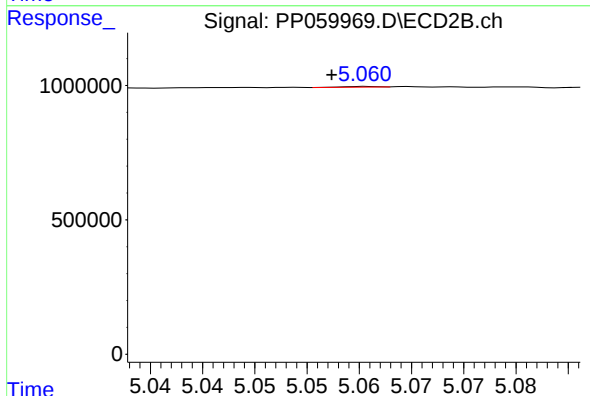
R.T.: 4.973 min
Delta R.T.: 0.002 min
Response: 64768
Conc: 1.66 ng/ml



#19 AR-1242-4

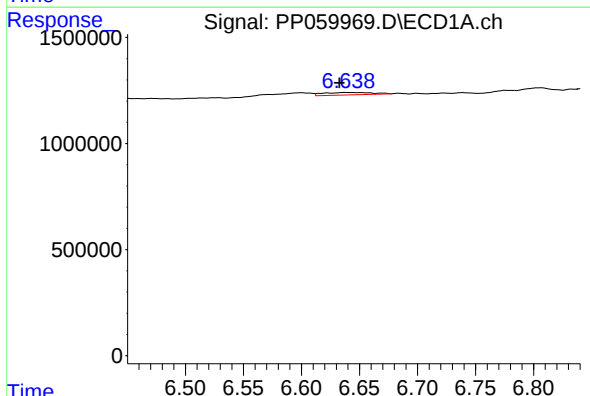
R.T.: 0.000 min
Exp R.T.: 5.885 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



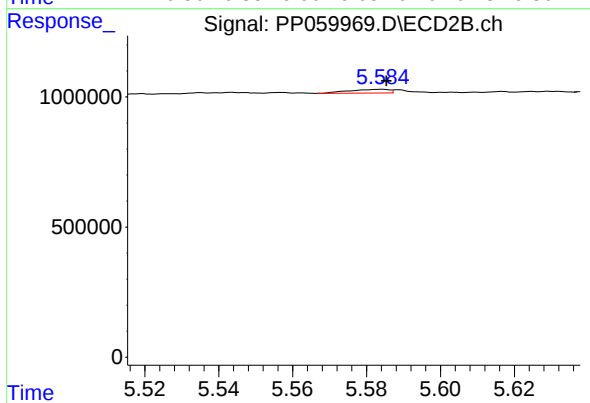
#19 AR-1242-4

R.T.: 5.061 min
Delta R.T.: 0.003 min
Response: 4364
Conc: 0.11 ng/ml



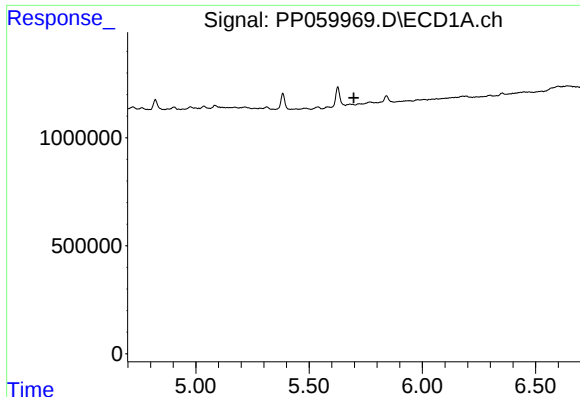
#20 AR-1242-5

R.T.: 6.639 min
Delta R.T.: 0.006 min
Response: 337258
Conc: 7.38 ng/ml



#20 AR-1242-5

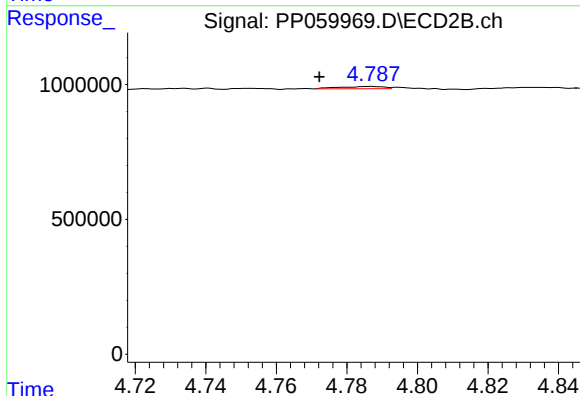
R.T.: 5.584 min
Delta R.T.: -0.001 min
Response: 106773
Conc: 2.21 ng/ml



#21 AR-1248-1

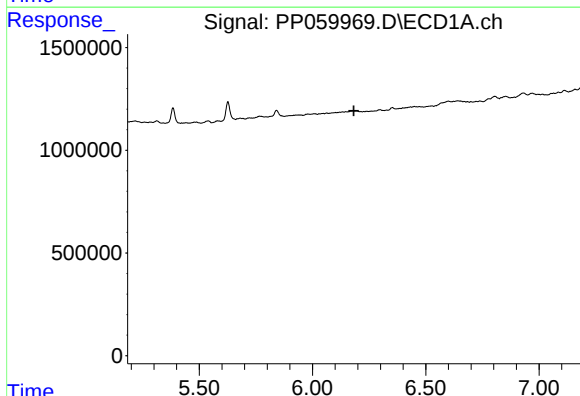
R.T.: 0.000 min
Exp R.T.: 5.697 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



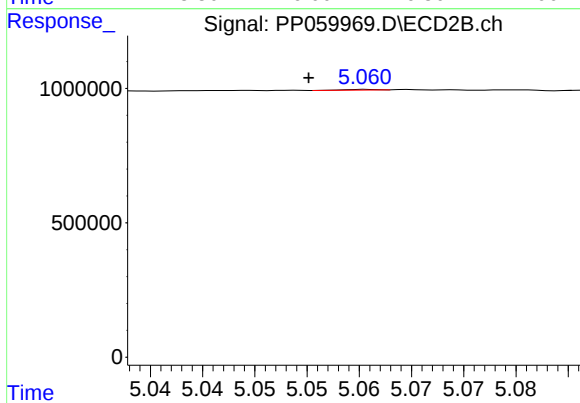
#21 AR-1248-1

R.T.: 4.787 min
Delta R.T.: 0.015 min
Response: 74064
Conc: 1.90 ng/ml



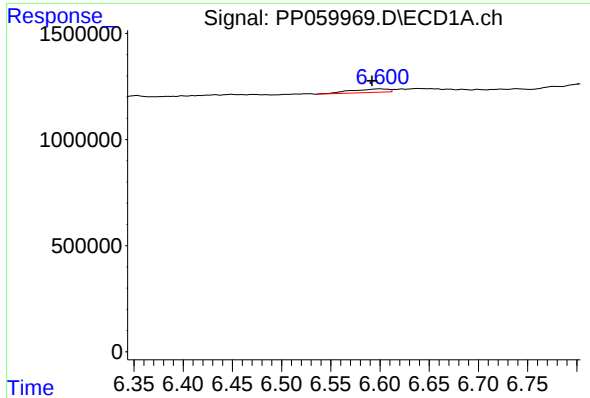
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 6.183 min
Response: 0
Conc: N.D.



#23 AR-1248-3

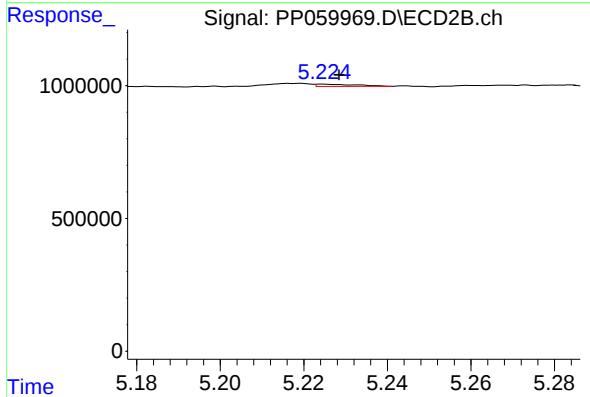
R.T.: 5.061 min
Delta R.T.: 0.005 min
Response: 4364
Conc: 0.08 ng/ml



#24 AR-1248-4

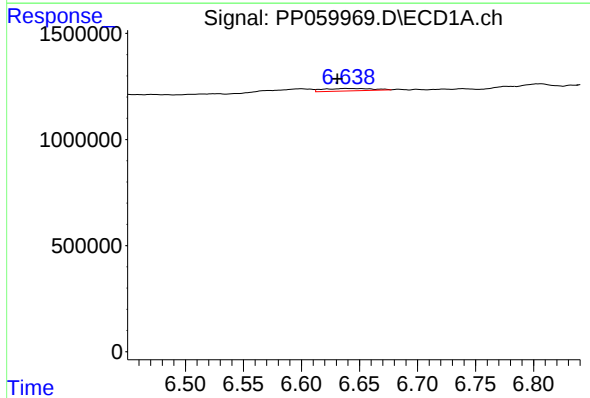
R.T.: 6.600 min
Delta R.T.: 0.008 min
Response: 443017
Conc: 5.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



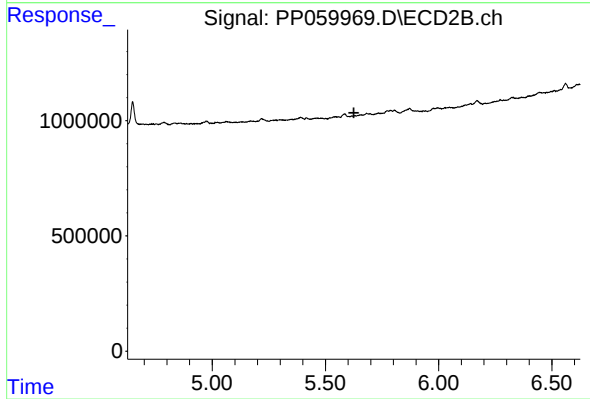
#24 AR-1248-4

R.T.: 5.225 min
Delta R.T.: -0.004 min
Response: 55895
Conc: 0.83 ng/ml



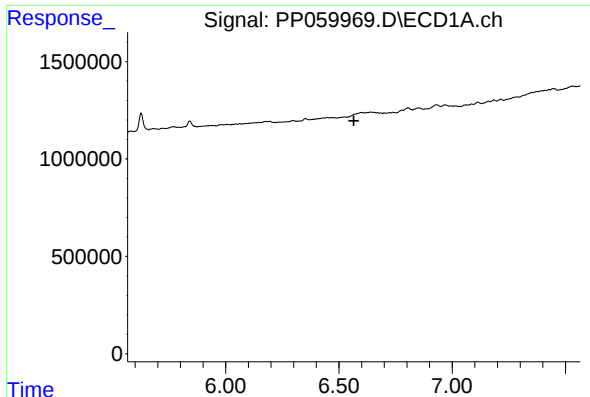
#25 AR-1248-5

R.T.: 6.639 min
Delta R.T.: 0.008 min
Response: 337258
Conc: 4.48 ng/ml



#25 AR-1248-5

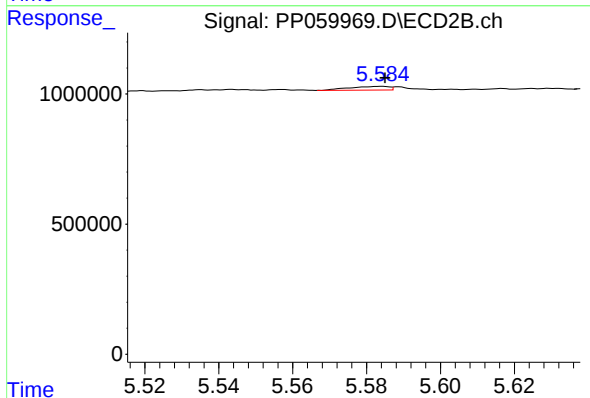
R.T.: 0.000 min
Exp R.T.: 5.626 min
Response: 0
Conc: N.D.



#26 AR-1254-1

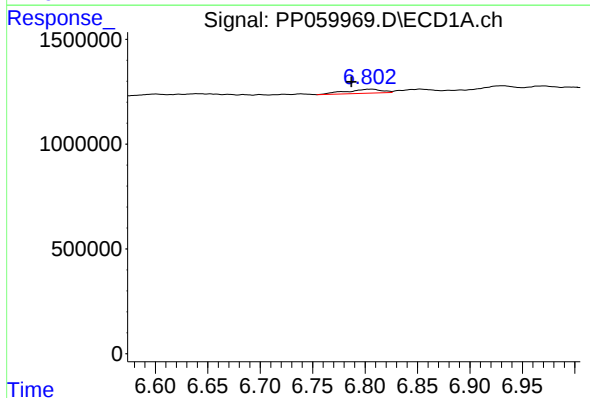
R.T.: 0.000 min
Exp R.T.: 6.565 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



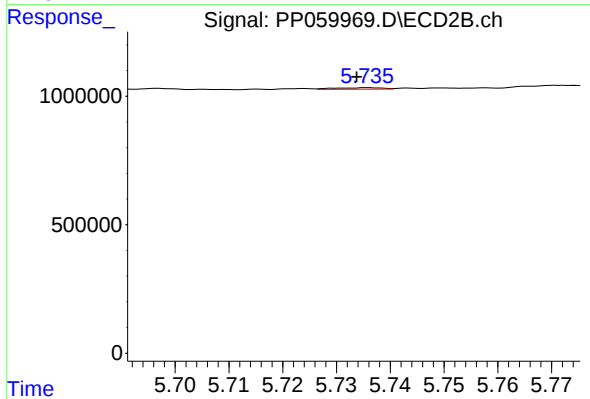
#26 AR-1254-1

R.T.: 5.584 min
Delta R.T.: 0.000 min
Response: 106773
Conc: 1.06 ng/ml



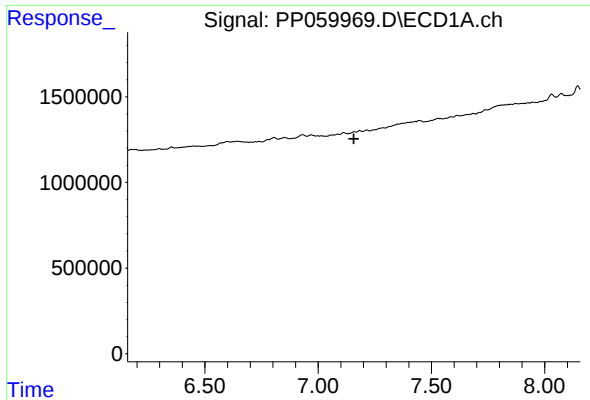
#27 AR-1254-2

R.T.: 6.807 min
Delta R.T.: 0.020 min
Response: 442930
Conc: 3.70 ng/ml



#27 AR-1254-2

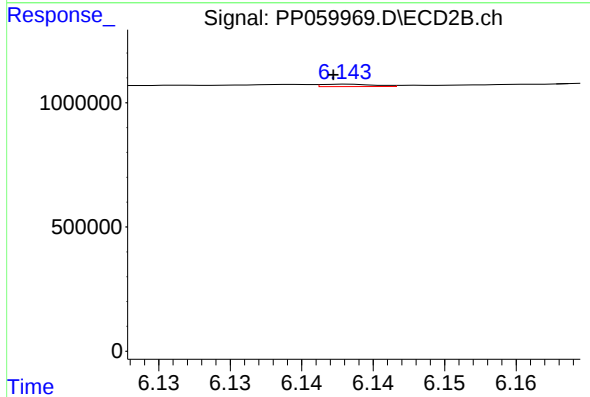
R.T.: 5.736 min
Delta R.T.: 0.002 min
Response: 33840
Conc: 0.39 ng/ml



#28 AR-1254-3

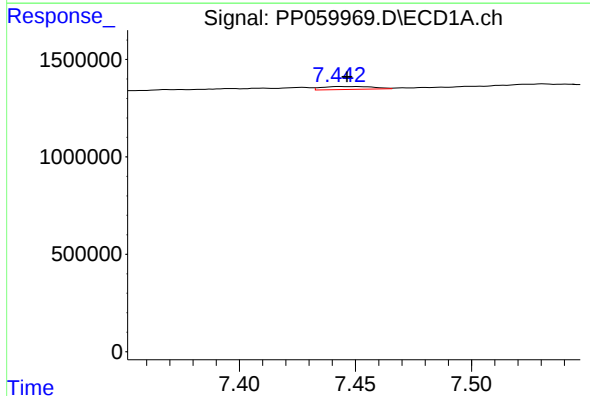
R.T.: 0.000 min
Exp R.T.: 7.158 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



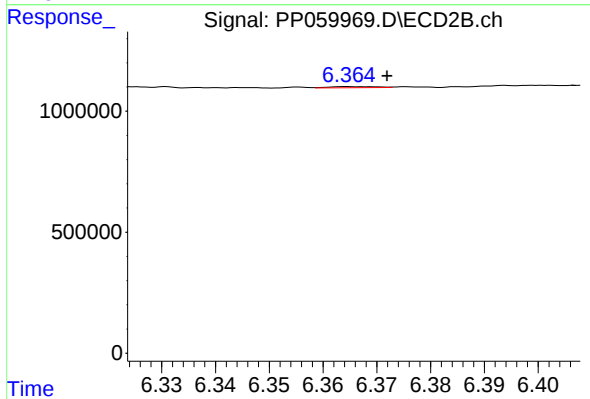
#28 AR-1254-3

R.T.: 6.143 min
Delta R.T.: 0.001 min
Response: 25229
Conc: 0.18 ng/ml



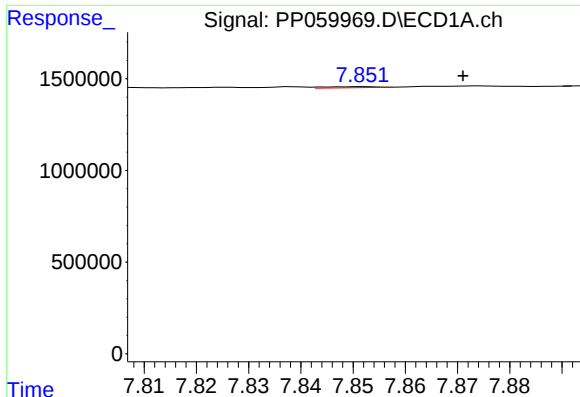
#29 AR-1254-4

R.T.: 7.444 min
Delta R.T.: -0.003 min
Response: 227637
Conc: 2.56 ng/ml



#29 AR-1254-4

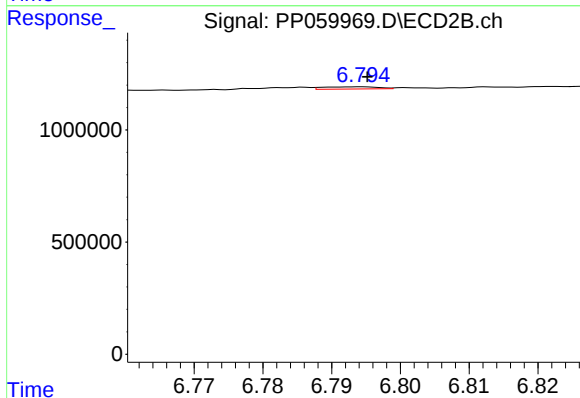
R.T.: 6.365 min
Delta R.T.: -0.007 min
Response: 25698
Conc: 0.31 ng/ml



#30 AR-1254-5

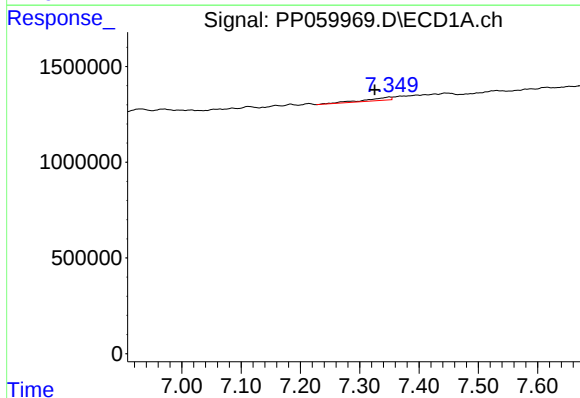
R.T.: 7.852 min
Delta R.T.: -0.019 min
Response: 36576
Conc: 0.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



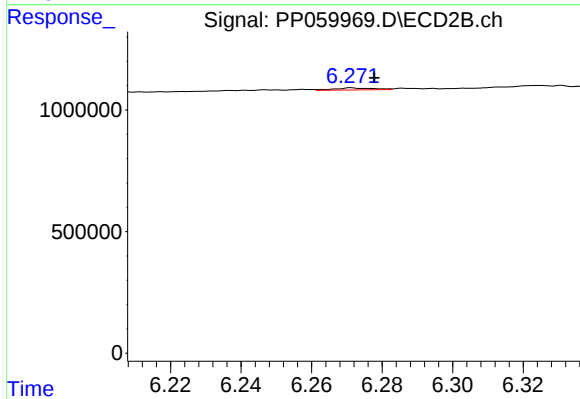
#30 AR-1254-5

R.T.: 6.795 min
Delta R.T.: 0.000 min
Response: 56223
Conc: 0.47 ng/ml



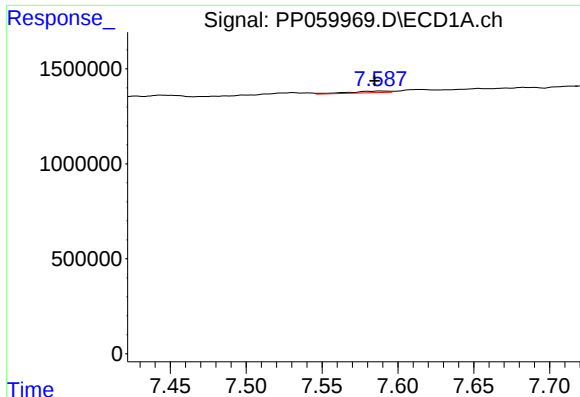
#31 AR-1260-1

R.T.: 7.350 min
Delta R.T.: 0.024 min
Response: 470312
Conc: 5.22 ng/ml



#31 AR-1260-1

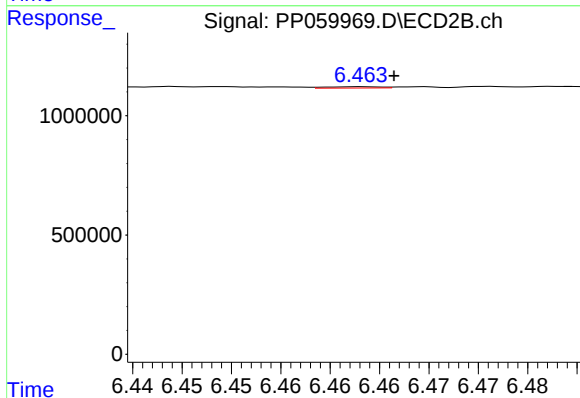
R.T.: 6.271 min
Delta R.T.: -0.007 min
Response: 61442
Conc: 0.66 ng/ml



#32 AR-1260-2

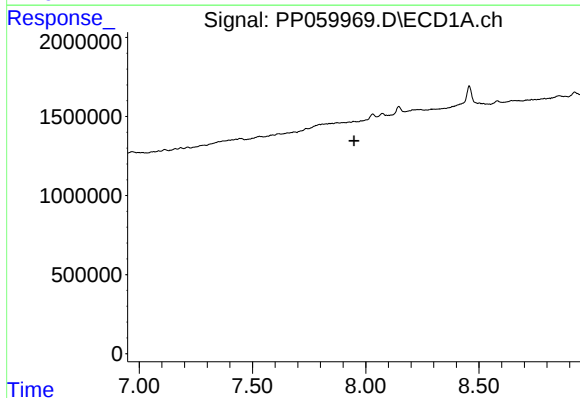
R.T.: 7.588 min
Delta R.T.: 0.004 min
Response: 154808
Conc: 1.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



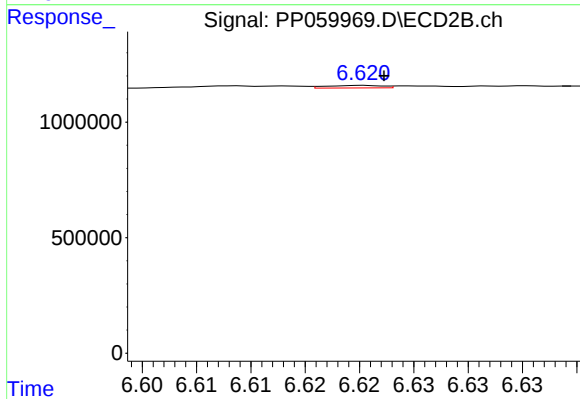
#32 AR-1260-2

R.T.: 6.463 min
Delta R.T.: -0.003 min
Response: 21102
Conc: 0.19 ng/ml



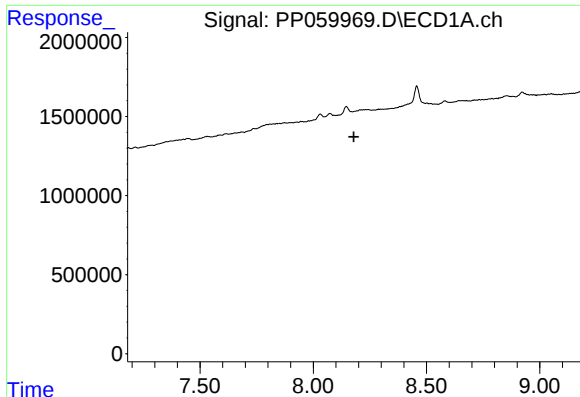
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.948 min
Response: 0
Conc: N.D.



#33 AR-1260-3

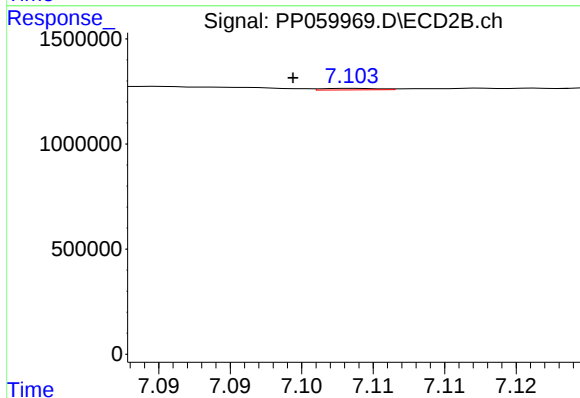
R.T.: 6.620 min
Delta R.T.: -0.002 min
Response: 38968
Conc: 0.38 ng/ml



#34 AR-1260-4

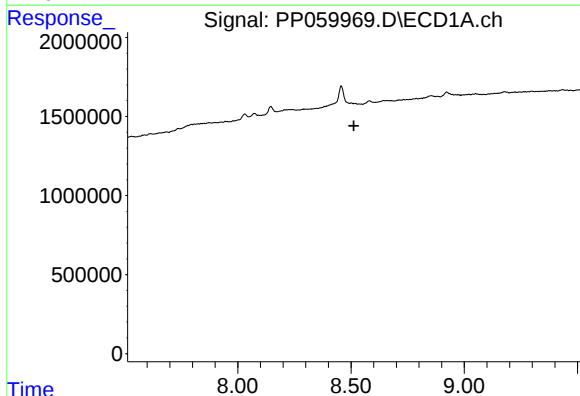
R.T.: 0.000 min
Exp R.T.: 8.179 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



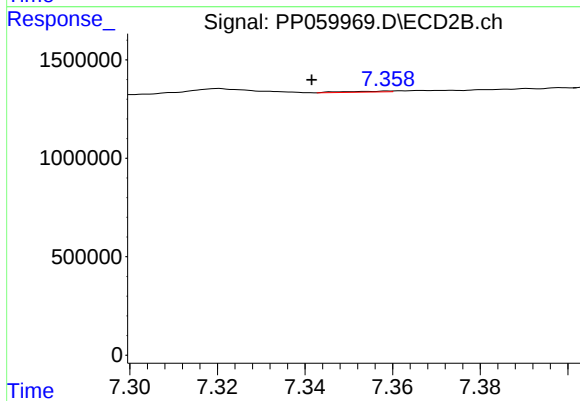
#34 AR-1260-4

R.T.: 7.104 min
Delta R.T.: 0.004 min
Response: 20463
Conc: 0.25 ng/ml



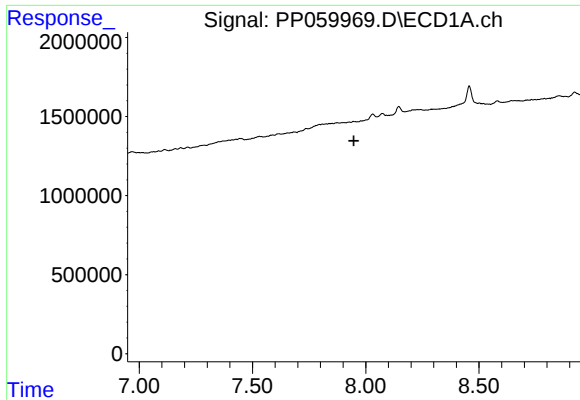
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 8.513 min
Response: 0
Conc: N.D.



#35 AR-1260-5

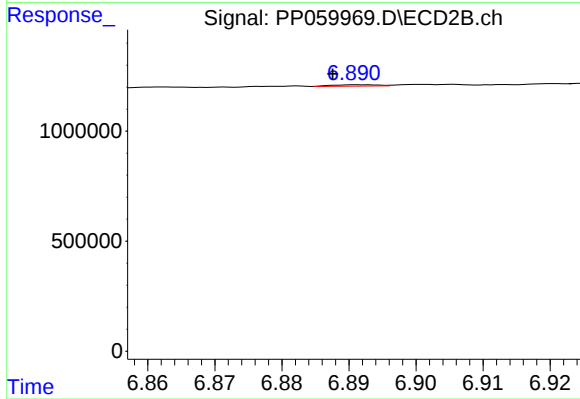
R.T.: 7.359 min
Delta R.T.: 0.017 min
Response: 30610
Conc: 0.16 ng/ml



#36 AR-1262-1

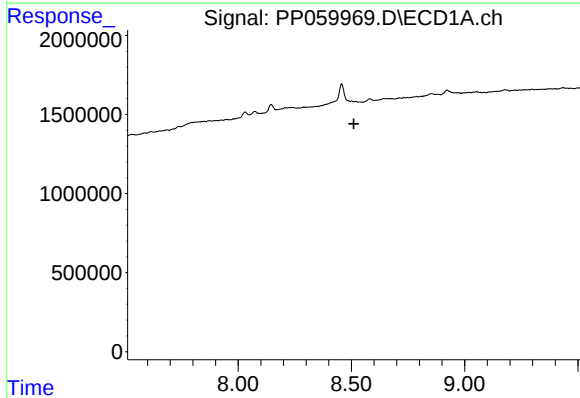
R.T.: 0.000 min
Exp R.T.: 7.947 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



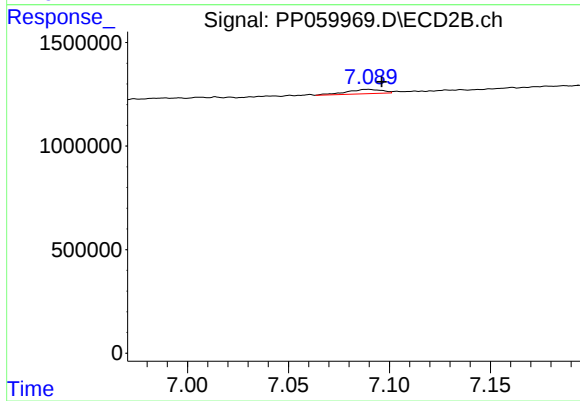
#36 AR-1262-1

R.T.: 6.891 min
Delta R.T.: 0.004 min
Response: 28168
Conc: 0.56 ng/ml



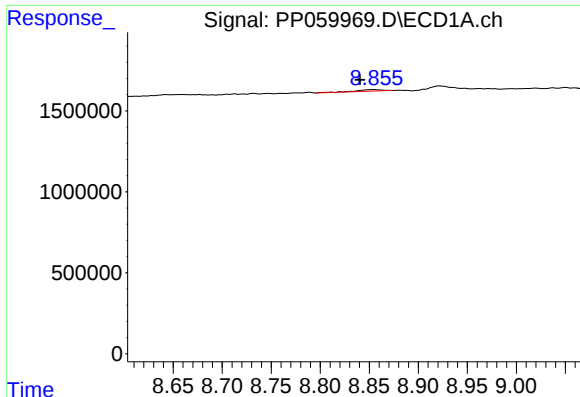
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 8.511 min
Response: 0
Conc: N.D.



#37 AR-1262-2

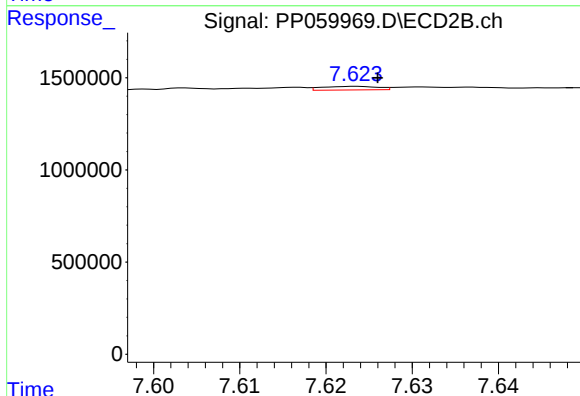
R.T.: 7.090 min
Delta R.T.: -0.006 min
Response: 259738
Conc: 2.30 ng/ml



#38 AR-1262-3

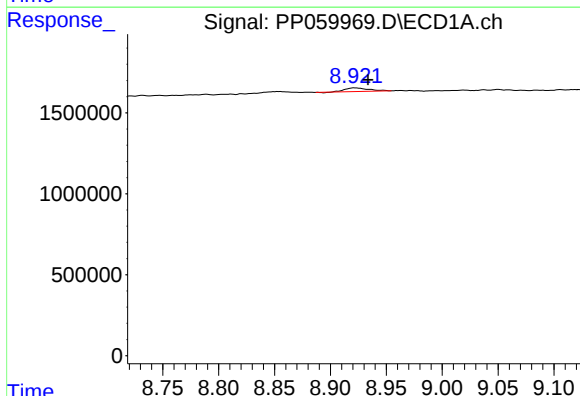
R.T.: 8.854 min
Delta R.T.: 0.014 min
Response: 167638
Conc: 1.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



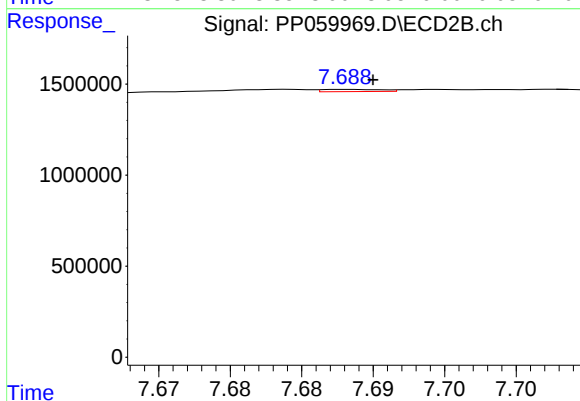
#38 AR-1262-3

R.T.: 7.624 min
Delta R.T.: -0.002 min
Response: 86188
Conc: 0.98 ng/ml



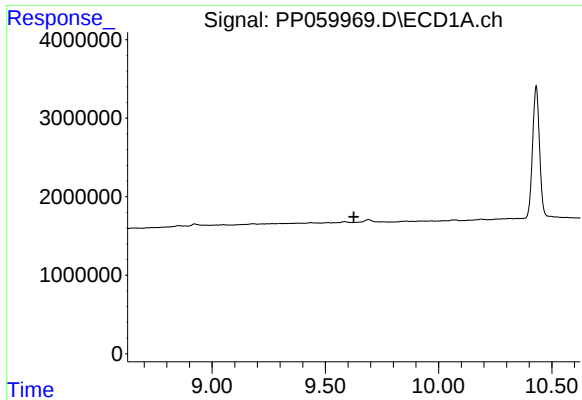
#39 AR-1262-4

R.T.: 8.922 min
Delta R.T.: -0.012 min
Response: 334663
Conc: 2.95 ng/ml



#39 AR-1262-4

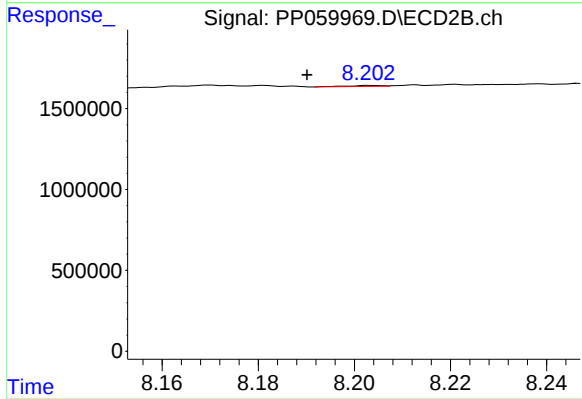
R.T.: 7.688 min
Delta R.T.: -0.002 min
Response: 35078
Conc: 0.21 ng/ml



#40 AR-1262-5

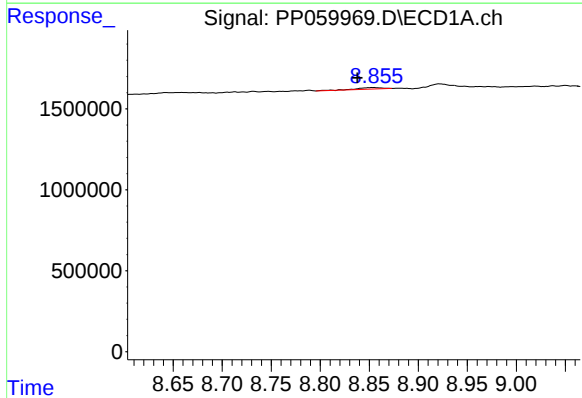
R.T.: 0.000 min
Exp R.T.: 9.626 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



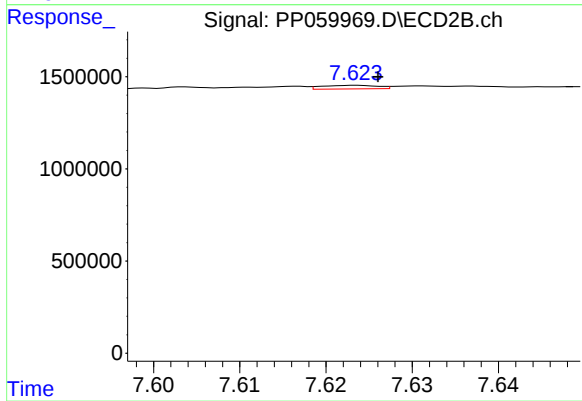
#40 AR-1262-5

R.T.: 8.203 min
Delta R.T.: 0.013 min
Response: 29036
Conc: 0.39 ng/ml



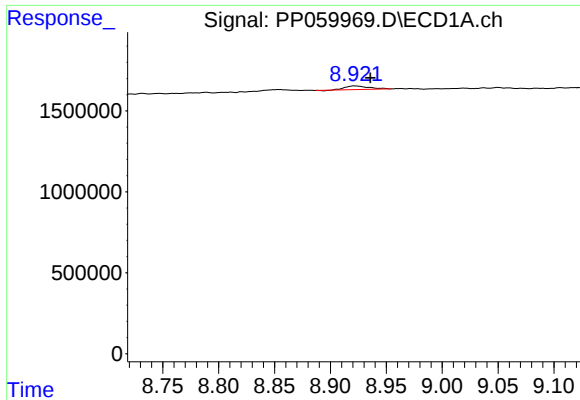
#41 AR-1268-1

R.T.: 8.854 min
Delta R.T.: 0.016 min
Response: 167638
Conc: 0.67 ng/ml



#41 AR-1268-1

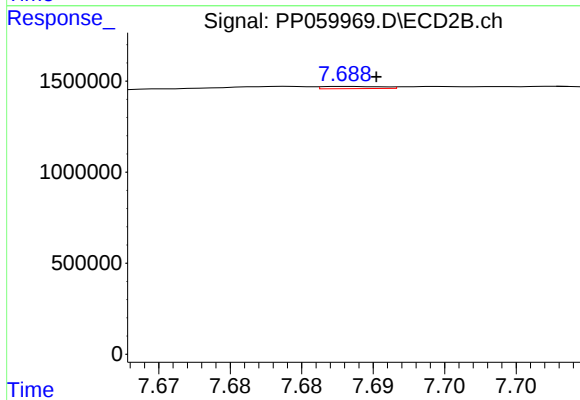
R.T.: 7.624 min
Delta R.T.: -0.002 min
Response: 86188
Conc: 0.33 ng/ml



#42 AR-1268-2

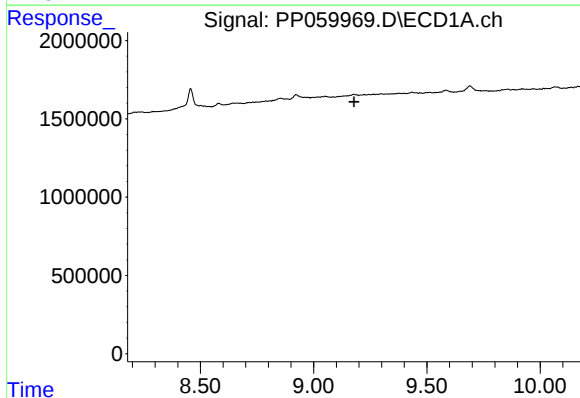
R.T.: 8.922 min
Delta R.T.: -0.014 min
Response: 334663
Conc: 1.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



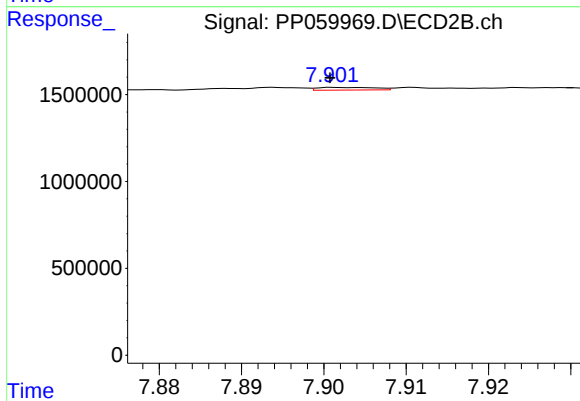
#42 AR-1268-2

R.T.: 7.688 min
Delta R.T.: -0.002 min
Response: 35078
Conc: 0.15 ng/ml



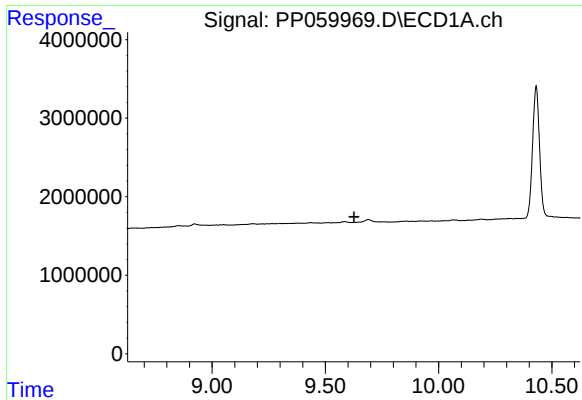
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.178 min
Response: 0
Conc: N.D.



#43 AR-1268-3

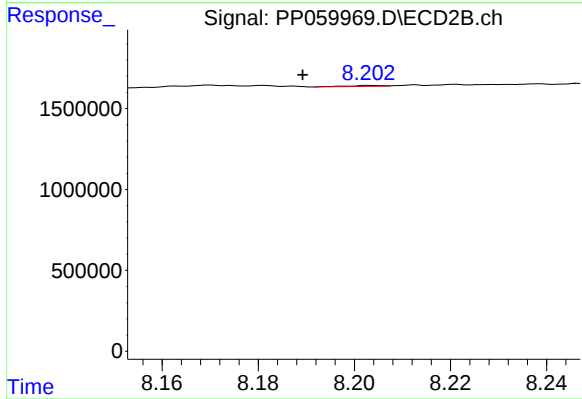
R.T.: 7.901 min
Delta R.T.: 0.000 min
Response: 74472
Conc: 0.36 ng/ml



#44 AR-1268-4

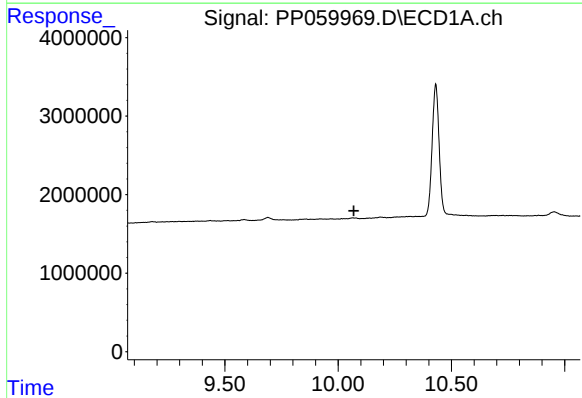
R.T.: 0.000 min
Exp R.T.: 9.627 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



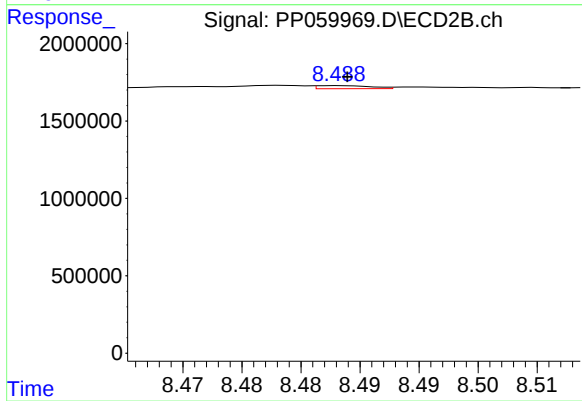
#44 AR-1268-4

R.T.: 8.203 min
Delta R.T.: 0.014 min
Response: 29036
Conc: 0.36 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.069 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.488 min
Delta R.T.: 0.000 min
Response: 62983
Conc: 0.10 ng/ml