

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP060723\
 Data File : PP058291.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jun 2023 23:00
 Operator : YP\AJ
 Sample : 03046-01
 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: Jun 07 05:40:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP060623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 06 04:59:28 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...	4.380	3.619	51834138	48863673	22.648	22.646
2)	SA Decachlor...	10.206	8.678	20891880	24923830	18.703	15.117
Target Compounds							
3)	L1 AR-1016-1	5.535f	4.702	1688197	694037	26.522	9.893 #
4)	L1 AR-1016-2	5.600f	4.728	440805	546049	4.774	5.548
5)	L1 AR-1016-3	5.642	4.913	927444	196019	15.799	3.487 #
6)	L1 AR-1016-4	5.727f	4.959	479772	628597	10.074	14.058 #
7)	L1 AR-1016-5	6.037	0.000	180001	0	3.556	N.D. #
8)	L2 AR-1221-1	4.588	3.827	16157096	64501	570.755	2.427 #
9)	L2 AR-1221-2	4.689	3.906	1594657	10786807	75.464	532.238 #
10)	L2 AR-1221-3	4.748	4.003	860932	710044	14.474	11.989
11)	L3 AR-1232-1	4.748	4.003	860932	710044	19.051	16.262
12)	L3 AR-1232-2	0.000	4.728	0	546049	N.D.	12.022 #
13)	L3 AR-1232-3	5.600f	4.913	440805	196019	10.157	7.491 #
14)	L3 AR-1232-4	5.727f	4.994	479772	426787	21.109	18.056
15)	L3 AR-1232-5	5.834	0.000	1321926	0	66.466	N.D. #
16)	L4 AR-1242-1	5.535f	4.702	1688197	694037	33.212	12.555 #
17)	L4 AR-1242-2	5.600f	4.728	440805	546049	5.994	7.103
18)	L4 AR-1242-3	5.642	4.913	927444	196019	19.810	4.436 #
19)	L4 AR-1242-4	5.727f	4.994	479772	426787	12.587	9.607
20)	L4 AR-1242-5	6.499	5.533	417407	607706	11.787	10.996
21)	L5 AR-1248-1	5.535f	4.702	1688197	694037	42.200	15.752 #
22)	L5 AR-1248-2	5.834	4.959	1321926	628597	20.622	10.139 #
23)	L5 AR-1248-3	6.037	4.994	180001	426787	2.615	6.508 #
24)	L5 AR-1248-4	6.435	0.000	1255345	0	19.897	N.D. #
25)	L5 AR-1248-5	6.499	5.580	417407	178162	6.534	2.413 #
26)	L6 AR-1254-1	6.435	5.533	1255345	607706	17.180	5.605 #
27)	L6 AR-1254-2	6.647	5.675	902520	305707	8.788	3.149 #
28)	L6 AR-1254-3	7.018	6.085	676000	444749	6.857	2.872 #
29)	L6 AR-1254-4	7.308	6.316	404129	305659	6.090	3.257 #
30)	L6 AR-1254-5	7.724	6.731	300127	680760	4.101	4.683
31)	L7 AR-1260-1	7.175	6.210	153547	258205	1.832	2.372 #
32)	L7 AR-1260-2	7.426	6.403	448872	604394	5.381	4.692
33)	L7 AR-1260-3	7.825f	6.552	310825	88467	5.414	0.717 #
34)	L7 AR-1260-4	8.022	7.027	551518	128979	8.161	1.425 #
35)	L7 AR-1260-5	8.377f	7.279	463525	337715	4.321	1.665 #
36)	L8 AR-1262-1	7.825f	6.823	310825	114118	3.379	1.824 #
37)	L8 AR-1262-2	8.377f	7.027	463525	128979	3.526	1.026 #
38)	L8 AR-1262-3	8.674	0.000	246929	0	2.617	N.D. #
39)	L8 AR-1262-4	8.773	7.628	15803	156876	0.215	0.868 #
40)	L8 AR-1262-5	9.433	8.154f	171504	40757	3.865	0.505 #
41)	L9 AR-1268-1	8.674	0.000	246929	0	1.544	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP060723\
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 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 06 04:59:28 2023
 Response via : Initial Calibration
 Integrator: ChemStation

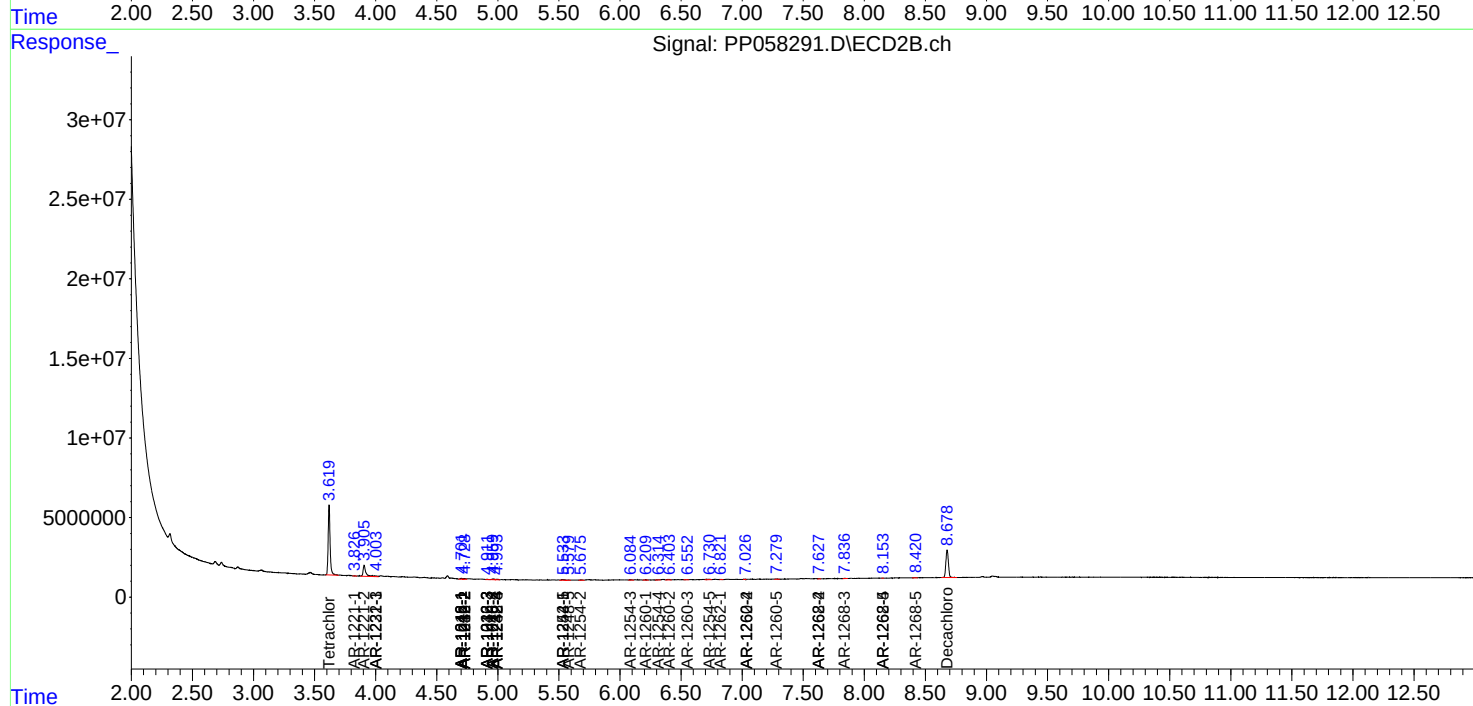
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

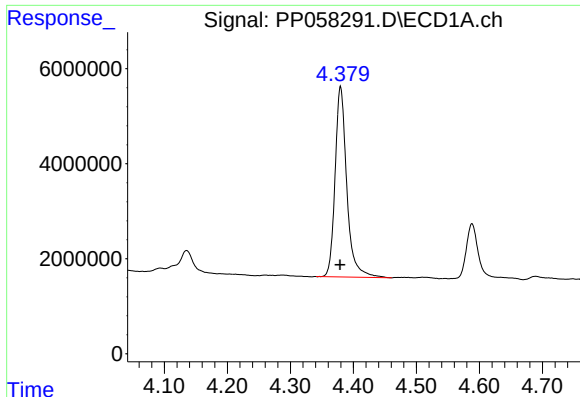
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.773	7.628	15803	156876	0.114	0.617 #
43) L9	AR-1268-3	9.000	7.845	395929	207293	3.064	0.969 #
44) L9	AR-1268-4	9.433	8.154f	171504	40757	3.629	0.466 #
45) L9	AR-1268-5	9.858	8.421	59308	144851	0.178	0.252 #

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

Instrument :
ECD_P
ClientSampleId :

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

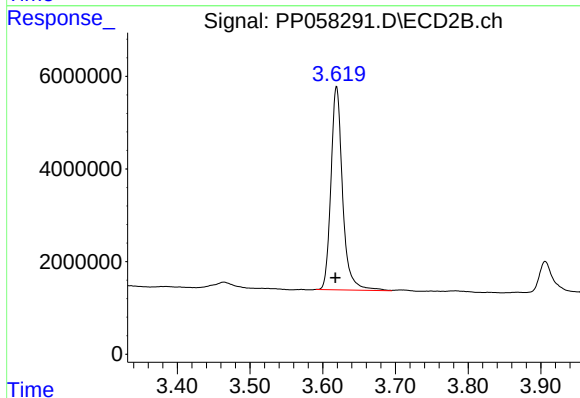




#1 Tetrachloro-m-xylene

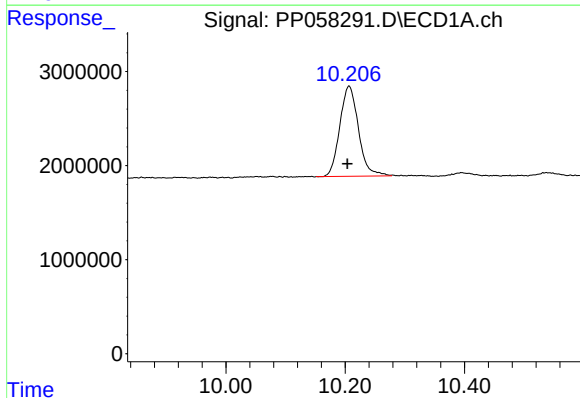
R.T.: 4.380 min
Delta R.T.: 0.000 min
Response: 51834138
Conc: 22.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



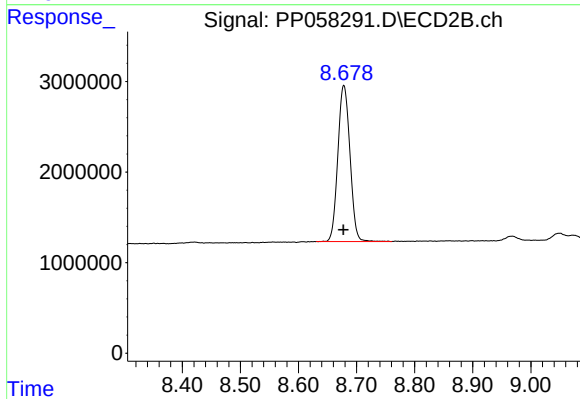
#1 Tetrachloro-m-xylene

R.T.: 3.619 min
Delta R.T.: 0.002 min
Response: 48863673
Conc: 22.65 ng/ml



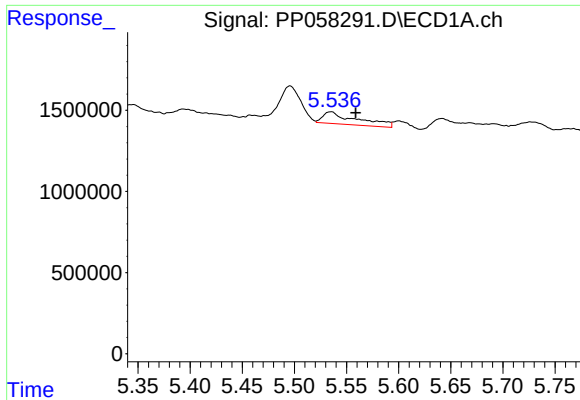
#2 Decachlorobiphenyl

R.T.: 10.206 min
Delta R.T.: 0.003 min
Response: 20891880
Conc: 18.70 ng/ml



#2 Decachlorobiphenyl

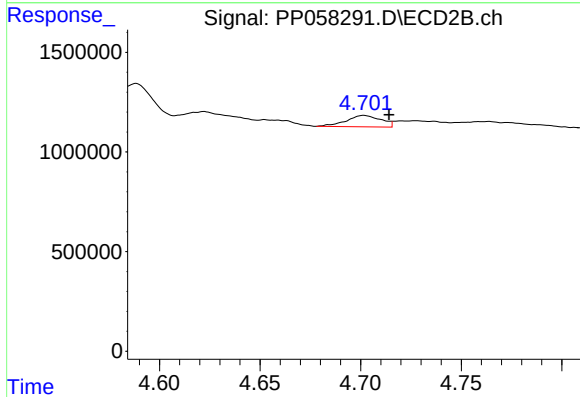
R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 24923830
Conc: 15.12 ng/ml



#3 AR-1016-1

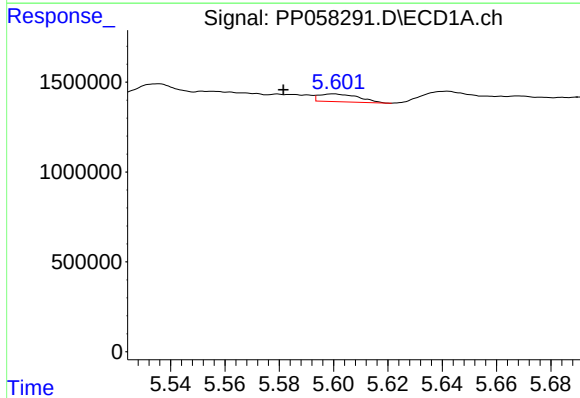
R.T.: 5.535 min
Delta R.T.: -0.024 min
Response: 1688197
Conc: 26.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



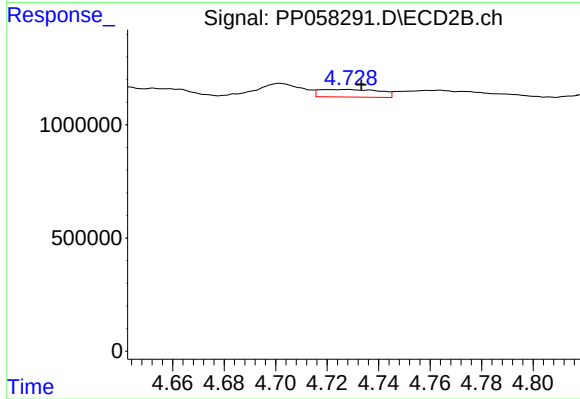
#3 AR-1016-1

R.T.: 4.702 min
Delta R.T.: -0.012 min
Response: 694037
Conc: 9.89 ng/ml



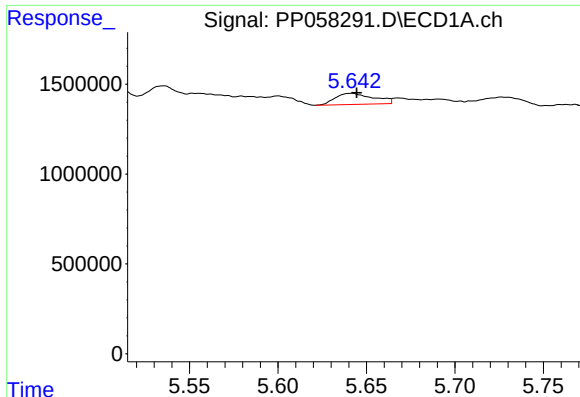
#4 AR-1016-2

R.T.: 5.600 min
Delta R.T.: 0.019 min
Response: 440805
Conc: 4.77 ng/ml



#4 AR-1016-2

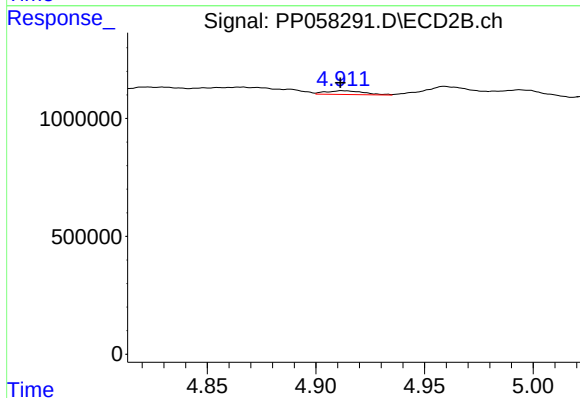
R.T.: 4.728 min
Delta R.T.: -0.006 min
Response: 546049
Conc: 5.55 ng/ml



#5 AR-1016-3

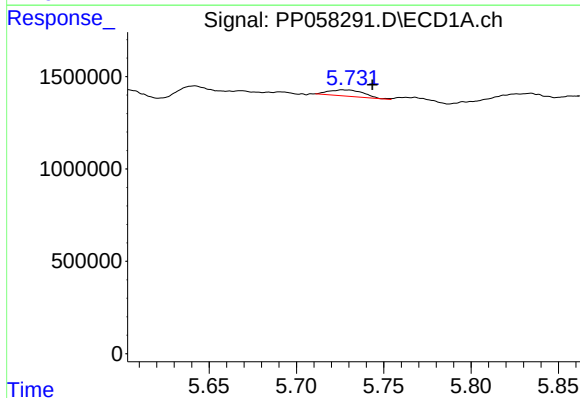
R.T.: 5.642 min
Delta R.T.: -0.003 min
Response: 927444
Conc: 15.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



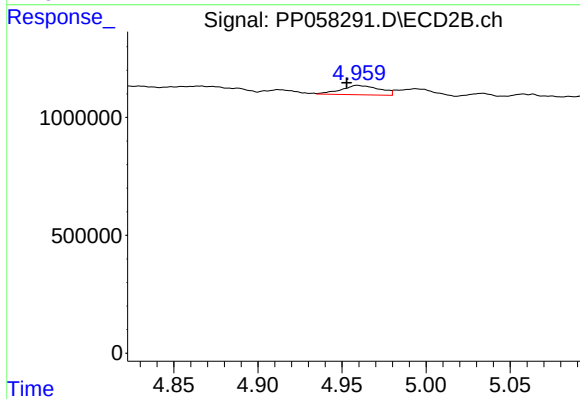
#5 AR-1016-3

R.T.: 4.913 min
Delta R.T.: 0.001 min
Response: 196019
Conc: 3.49 ng/ml



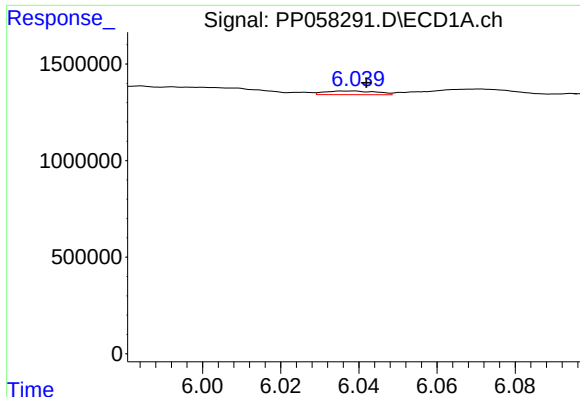
#6 AR-1016-4

R.T.: 5.727 min
Delta R.T.: -0.017 min
Response: 479772
Conc: 10.07 ng/ml



#6 AR-1016-4

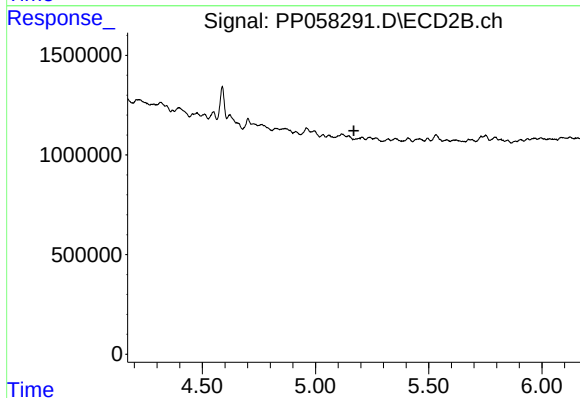
R.T.: 4.959 min
Delta R.T.: 0.006 min
Response: 628597
Conc: 14.06 ng/ml



#7 AR-1016-5

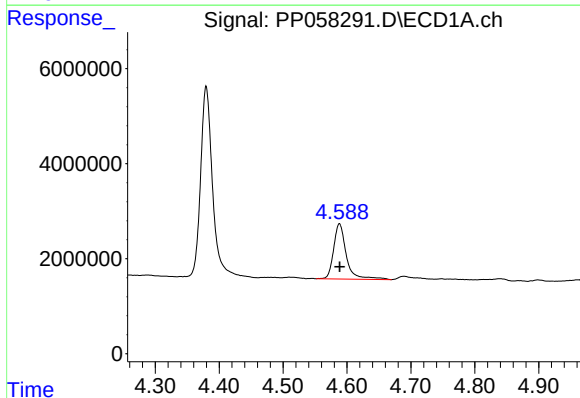
R.T.: 6.037 min
Delta R.T.: -0.005 min
Response: 180001
Conc: 3.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



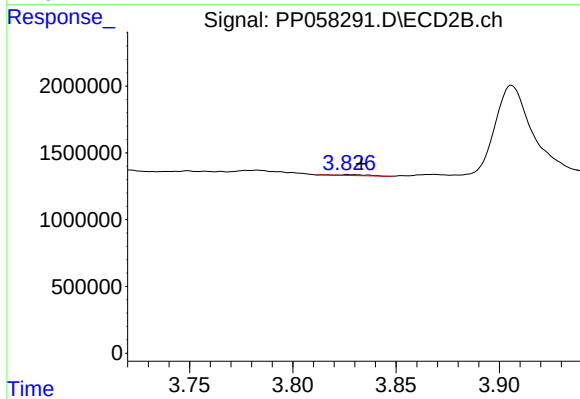
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.169 min
Response: 0
Conc: N.D.



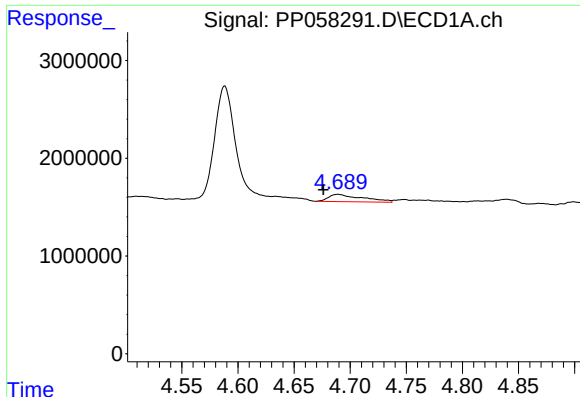
#8 AR-1221-1

R.T.: 4.588 min
Delta R.T.: 0.000 min
Response: 16157096
Conc: 570.76 ng/ml



#8 AR-1221-1

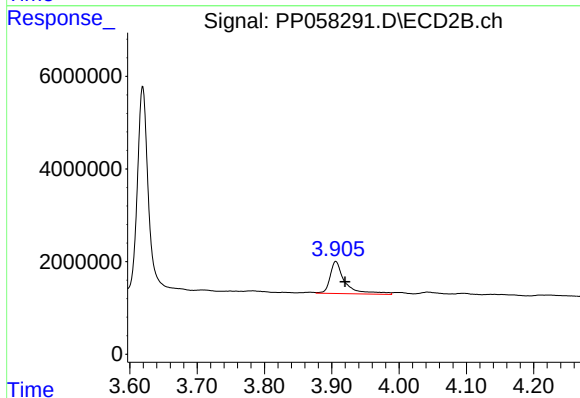
R.T.: 3.827 min
Delta R.T.: -0.006 min
Response: 64501
Conc: 2.43 ng/ml



#9 AR-1221-2

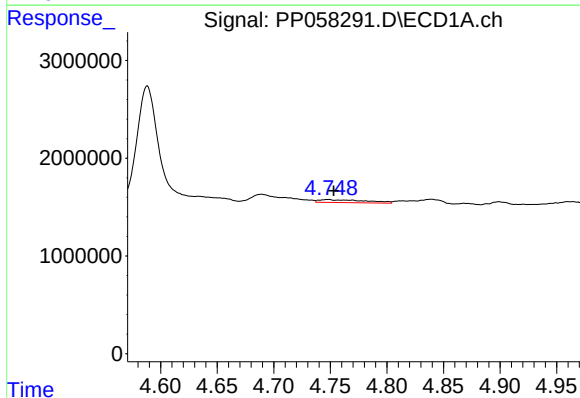
R.T.: 4.689 min
Delta R.T.: 0.013 min
Response: 1594657
Conc: 75.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



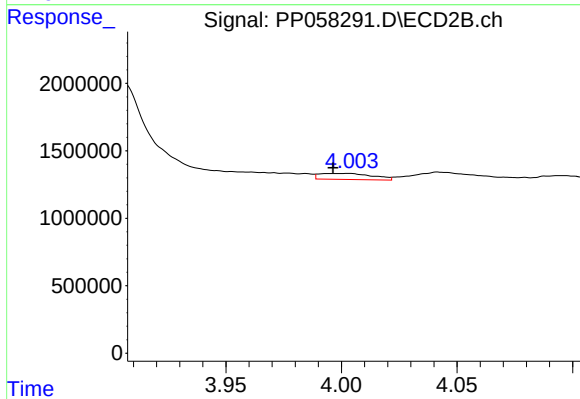
#9 AR-1221-2

R.T.: 3.906 min
Delta R.T.: -0.014 min
Response: 10786807
Conc: 532.24 ng/ml



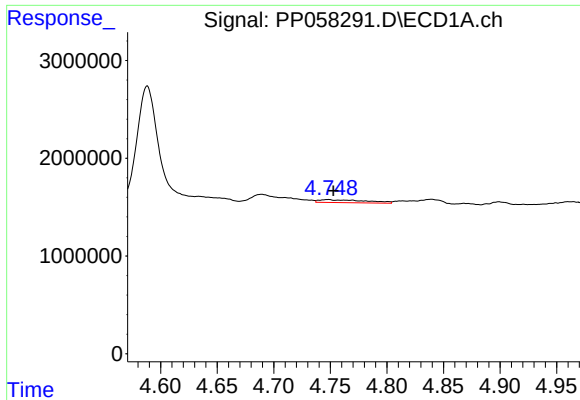
#10 AR-1221-3

R.T.: 4.748 min
Delta R.T.: -0.005 min
Response: 860932
Conc: 14.47 ng/ml



#10 AR-1221-3

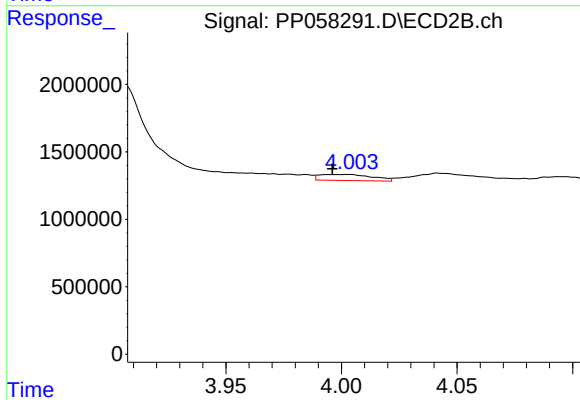
R.T.: 4.003 min
Delta R.T.: 0.007 min
Response: 710044
Conc: 11.99 ng/ml



#11 AR-1232-1

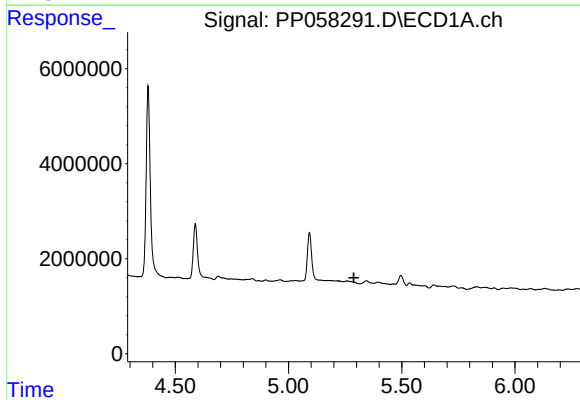
R.T.: 4.748 min
Delta R.T.: -0.005 min
Response: 860932
Conc: 19.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



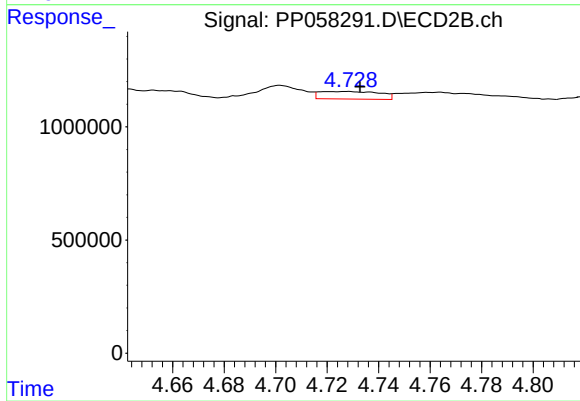
#11 AR-1232-1

R.T.: 4.003 min
Delta R.T.: 0.007 min
Response: 710044
Conc: 16.26 ng/ml



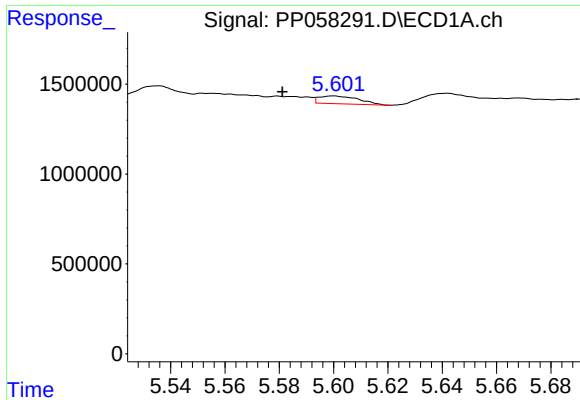
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.289 min
Response: 0
Conc: N.D.



#12 AR-1232-2

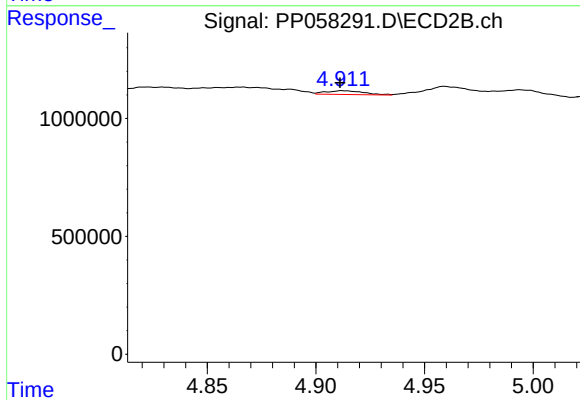
R.T.: 4.728 min
Delta R.T.: -0.005 min
Response: 546049
Conc: 12.02 ng/ml



#13 AR-1232-3

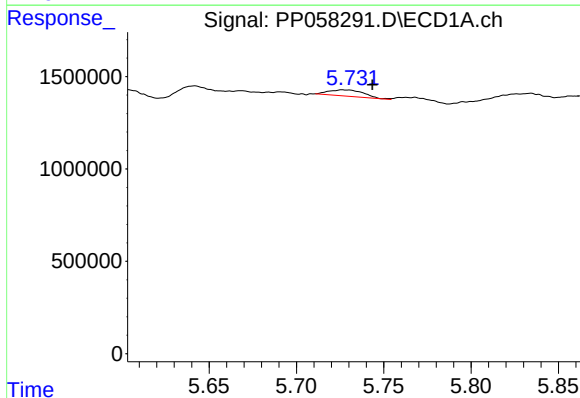
R.T.: 5.600 min
Delta R.T.: 0.019 min
Response: 440805
Conc: 10.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



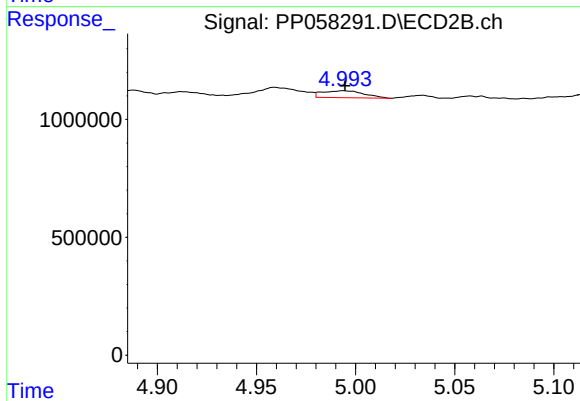
#13 AR-1232-3

R.T.: 4.913 min
Delta R.T.: 0.002 min
Response: 196019
Conc: 7.49 ng/ml



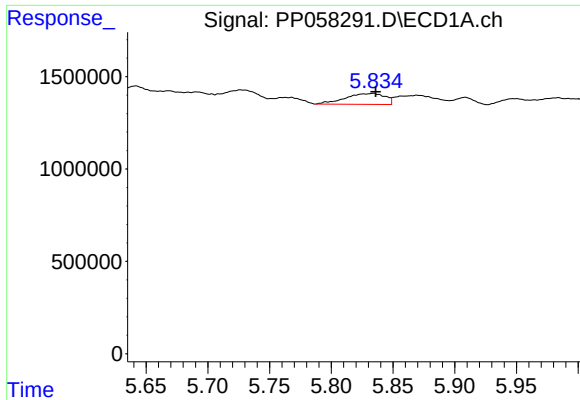
#14 AR-1232-4

R.T.: 5.727 min
Delta R.T.: -0.017 min
Response: 479772
Conc: 21.11 ng/ml



#14 AR-1232-4

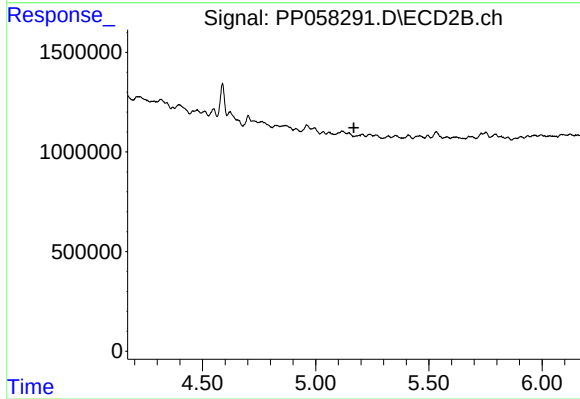
R.T.: 4.994 min
Delta R.T.: 0.000 min
Response: 426787
Conc: 18.06 ng/ml



#15 AR-1232-5

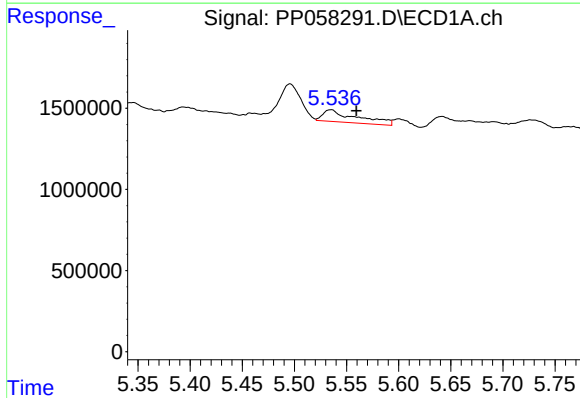
R.T.: 5.834 min
Delta R.T.: -0.002 min
Response: 1321926
Conc: 66.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



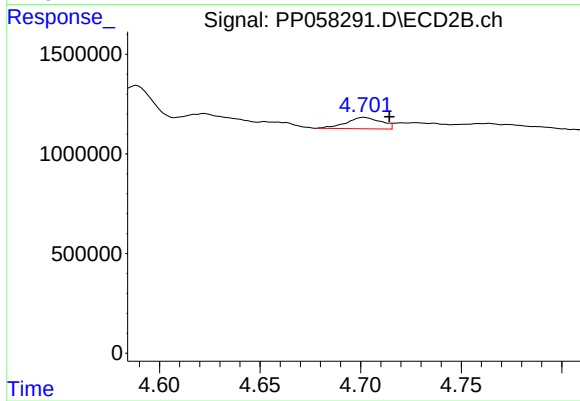
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.169 min
Response: 0
Conc: N.D.



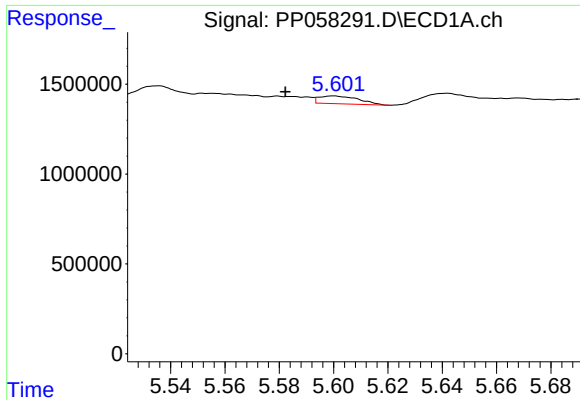
#16 AR-1242-1

R.T.: 5.535 min
Delta R.T.: -0.024 min
Response: 1688197
Conc: 33.21 ng/ml



#16 AR-1242-1

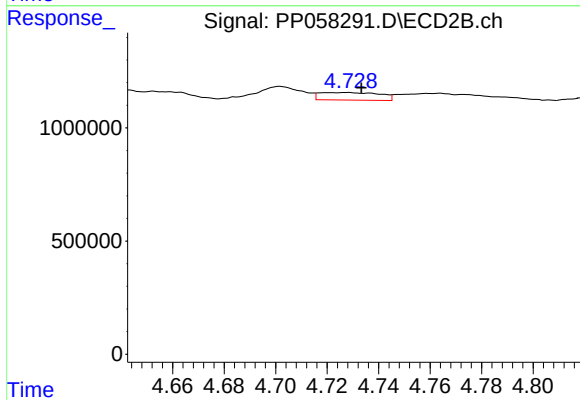
R.T.: 4.702 min
Delta R.T.: -0.013 min
Response: 694037
Conc: 12.56 ng/ml



#17 AR-1242-2

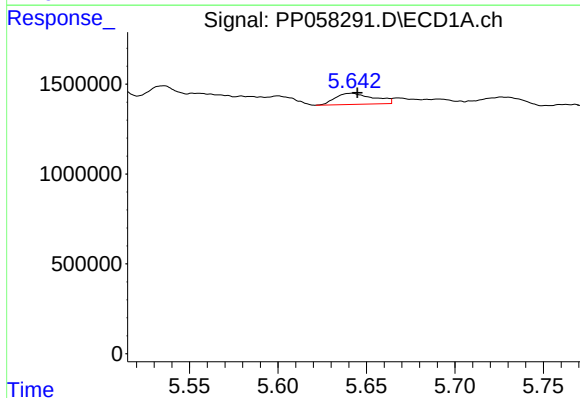
R.T.: 5.600 min
Delta R.T.: 0.018 min
Response: 440805
Conc: 5.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



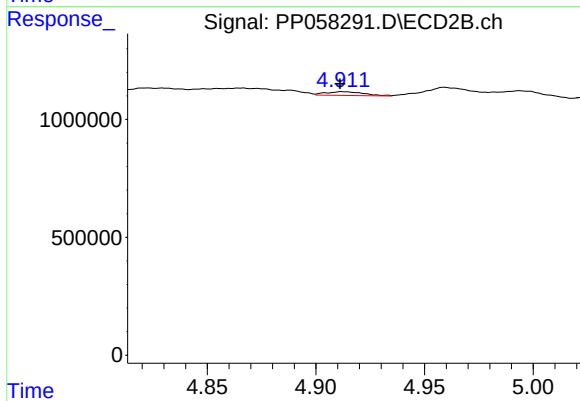
#17 AR-1242-2

R.T.: 4.728 min
Delta R.T.: -0.006 min
Response: 546049
Conc: 7.10 ng/ml



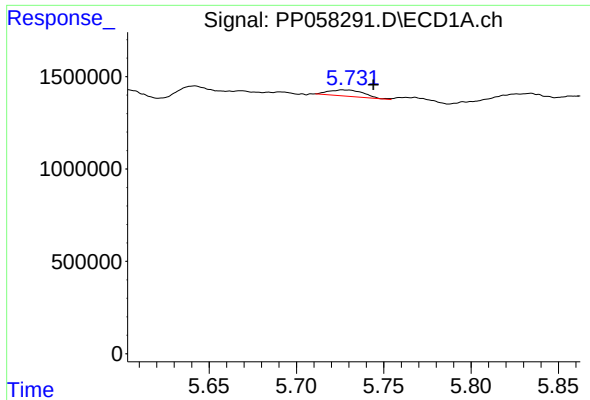
#18 AR-1242-3

R.T.: 5.642 min
Delta R.T.: -0.003 min
Response: 927444
Conc: 19.81 ng/ml



#18 AR-1242-3

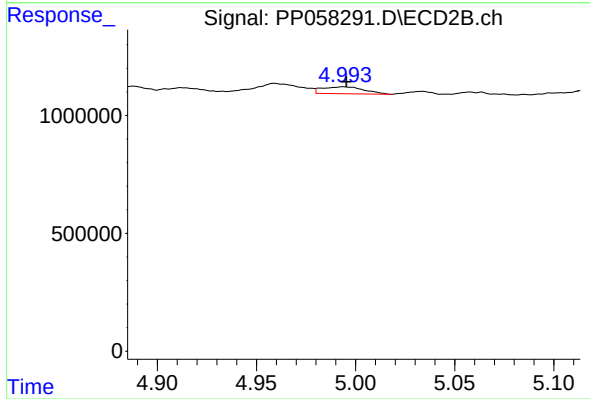
R.T.: 4.913 min
Delta R.T.: 0.002 min
Response: 196019
Conc: 4.44 ng/ml



#19 AR-1242-4

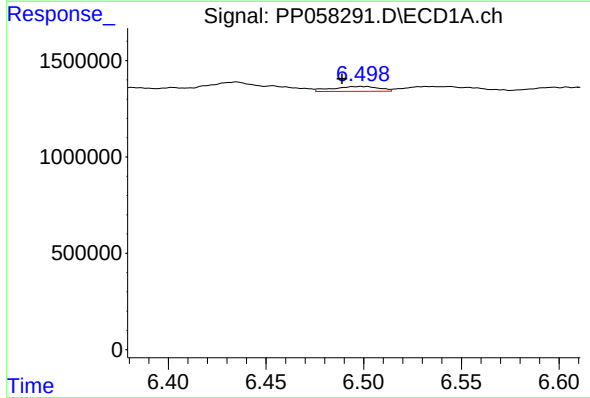
R.T.: 5.727 min
Delta R.T.: -0.017 min
Response: 479772
Conc: 12.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



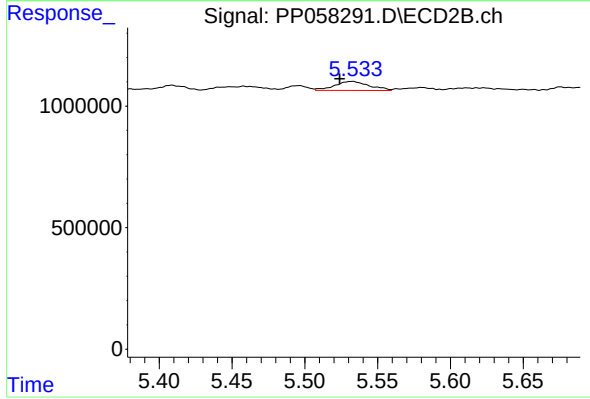
#19 AR-1242-4

R.T.: 4.994 min
Delta R.T.: -0.002 min
Response: 426787
Conc: 9.61 ng/ml



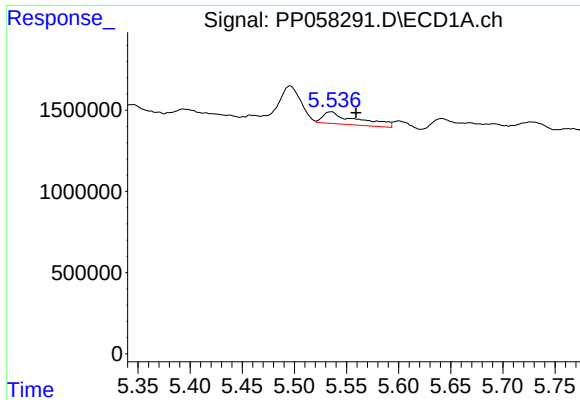
#20 AR-1242-5

R.T.: 6.499 min
Delta R.T.: 0.011 min
Response: 417407
Conc: 11.79 ng/ml



#20 AR-1242-5

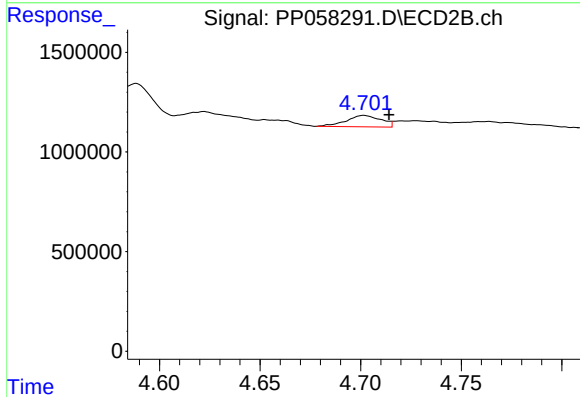
R.T.: 5.533 min
Delta R.T.: 0.009 min
Response: 607706
Conc: 11.00 ng/ml



#21 AR-1248-1

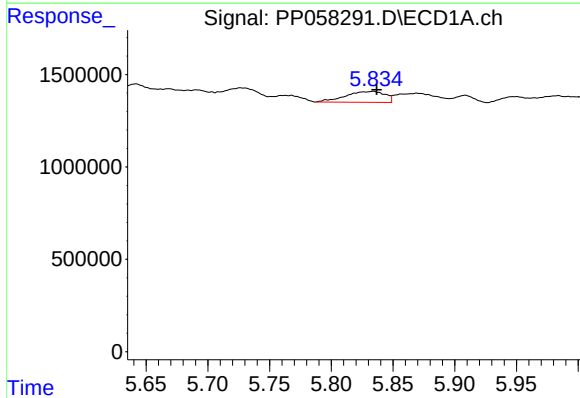
R.T.: 5.535 min
Delta R.T.: -0.024 min
Response: 1688197
Conc: 42.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



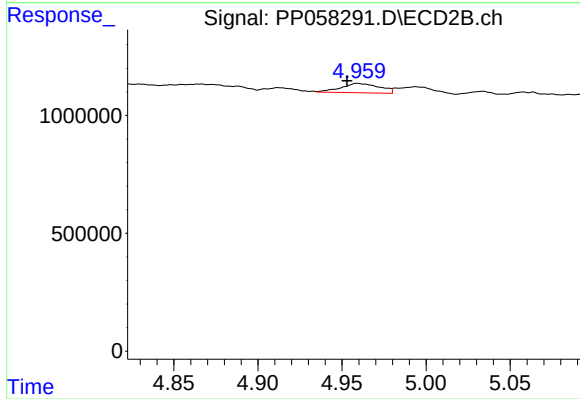
#21 AR-1248-1

R.T.: 4.702 min
Delta R.T.: -0.012 min
Response: 694037
Conc: 15.75 ng/ml



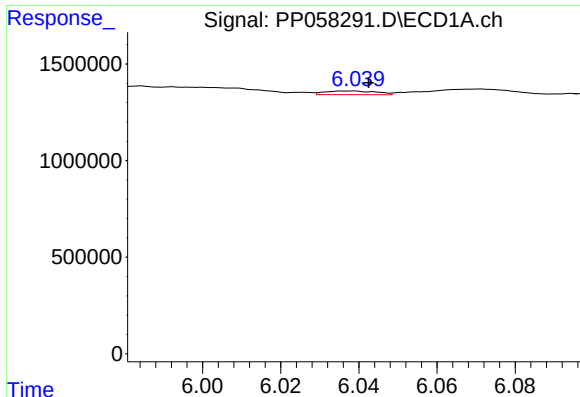
#22 AR-1248-2

R.T.: 5.834 min
Delta R.T.: -0.003 min
Response: 1321926
Conc: 20.62 ng/ml



#22 AR-1248-2

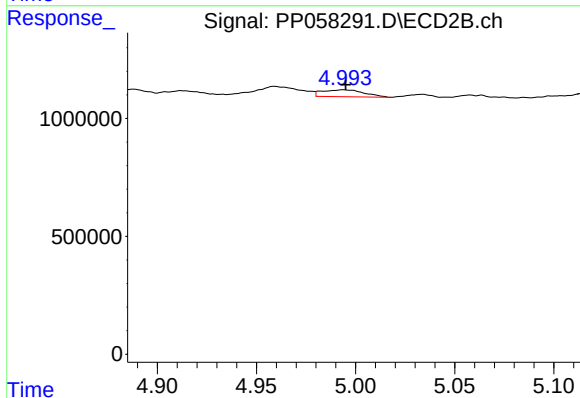
R.T.: 4.959 min
Delta R.T.: 0.006 min
Response: 628597
Conc: 10.14 ng/ml



#23 AR-1248-3

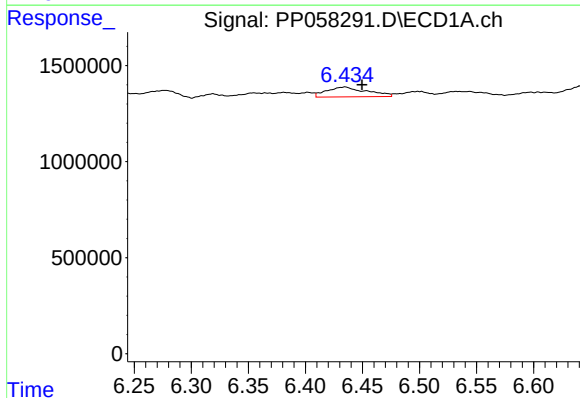
R.T.: 6.037 min
Delta R.T.: -0.005 min
Response: 180001
Conc: 2.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



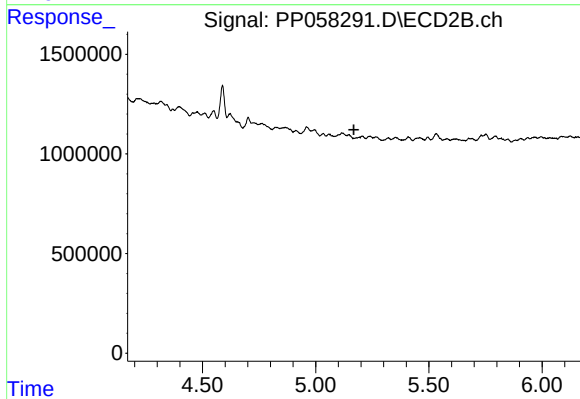
#23 AR-1248-3

R.T.: 4.994 min
Delta R.T.: -0.001 min
Response: 426787
Conc: 6.51 ng/ml



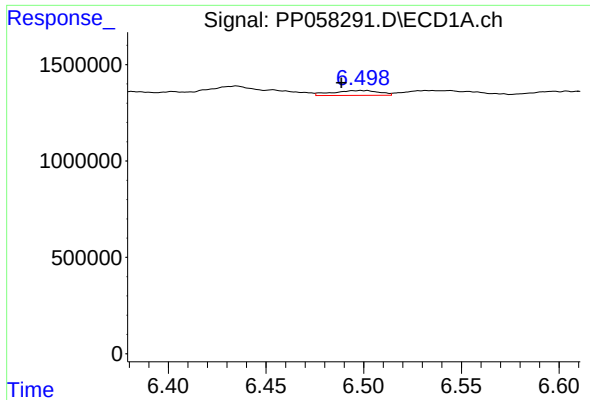
#24 AR-1248-4

R.T.: 6.435 min
Delta R.T.: -0.015 min
Response: 1255345
Conc: 19.90 ng/ml



#24 AR-1248-4

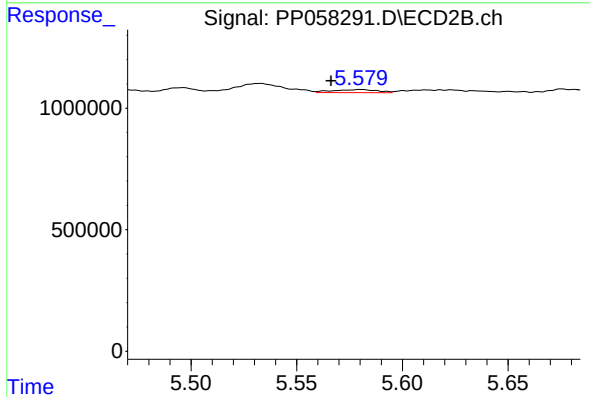
R.T.: 0.000 min
Exp R.T.: 5.169 min
Response: 0
Conc: N.D.



#25 AR-1248-5

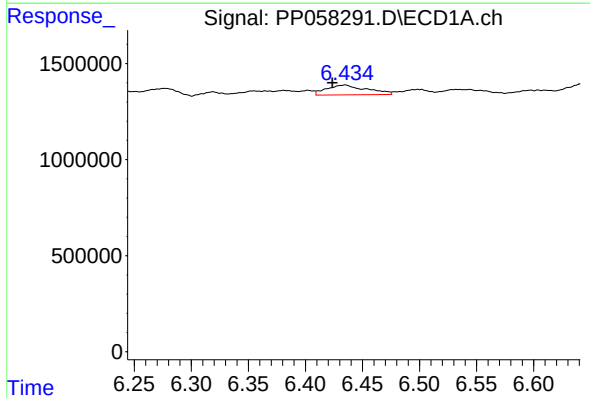
R.T.: 6.499 min
Delta R.T.: 0.011 min
Response: 417407
Conc: 6.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



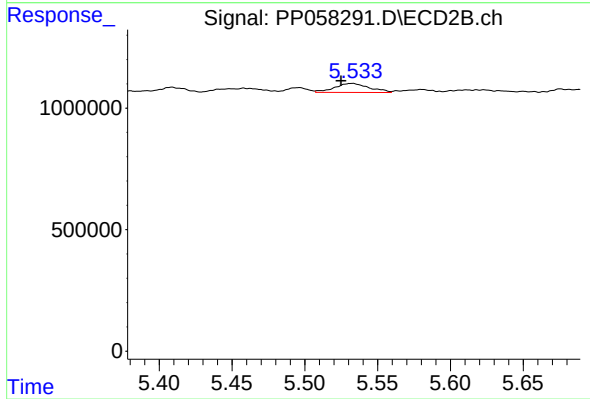
#25 AR-1248-5

R.T.: 5.580 min
Delta R.T.: 0.014 min
Response: 178162
Conc: 2.41 ng/ml



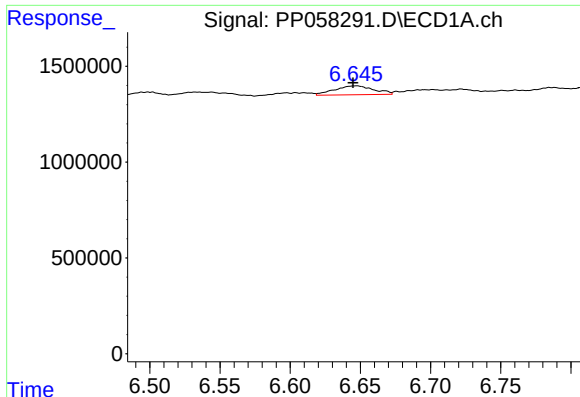
#26 AR-1254-1

R.T.: 6.435 min
Delta R.T.: 0.011 min
Response: 1255345
Conc: 17.18 ng/ml



#26 AR-1254-1

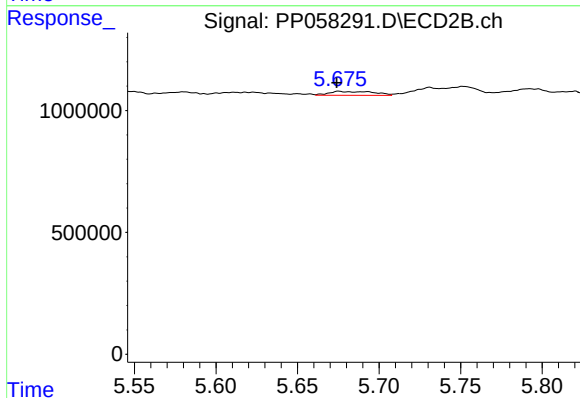
R.T.: 5.533 min
Delta R.T.: 0.007 min
Response: 607706
Conc: 5.60 ng/ml



#27 AR-1254-2

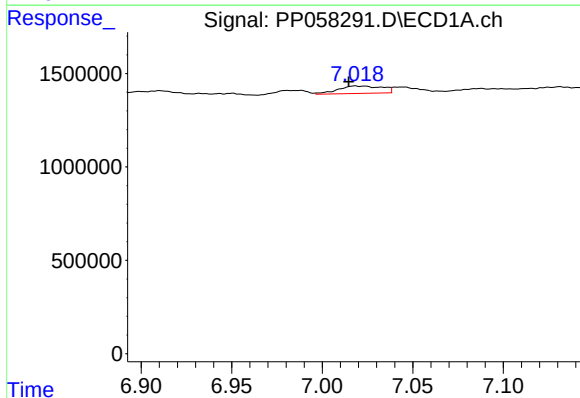
R.T.: 6.647 min
Delta R.T.: 0.002 min
Response: 902520
Conc: 8.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



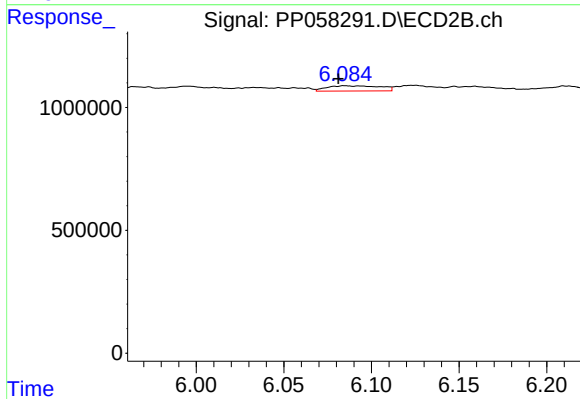
#27 AR-1254-2

R.T.: 5.675 min
Delta R.T.: 0.002 min
Response: 305707
Conc: 3.15 ng/ml



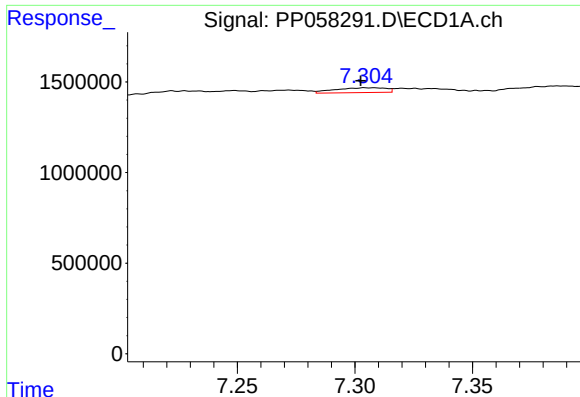
#28 AR-1254-3

R.T.: 7.018 min
Delta R.T.: 0.004 min
Response: 676000
Conc: 6.86 ng/ml



#28 AR-1254-3

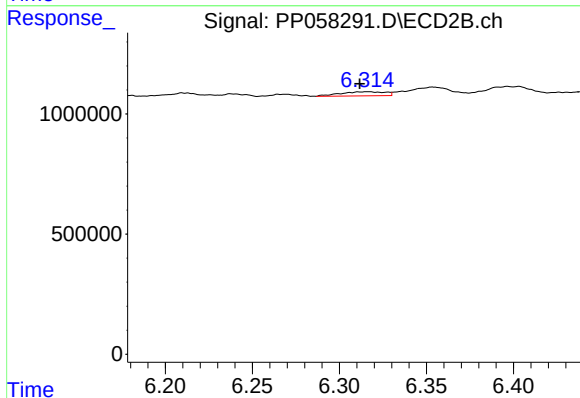
R.T.: 6.085 min
Delta R.T.: 0.004 min
Response: 444749
Conc: 2.87 ng/ml



#29 AR-1254-4

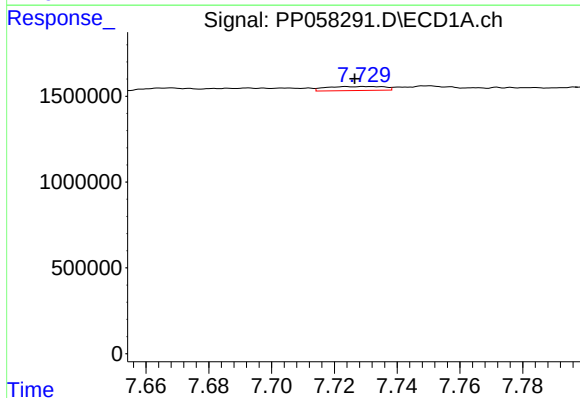
R.T.: 7.308 min
Delta R.T.: 0.006 min
Response: 404129
Conc: 6.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



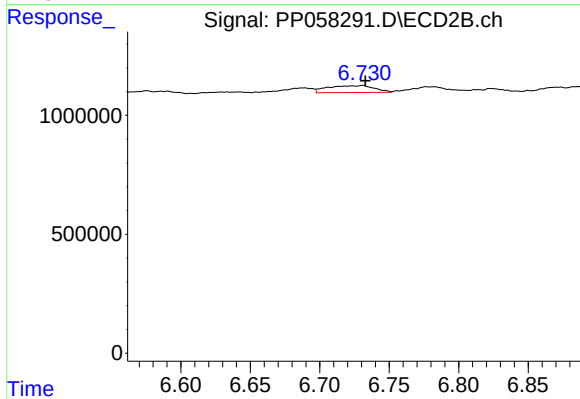
#29 AR-1254-4

R.T.: 6.316 min
Delta R.T.: 0.005 min
Response: 305659
Conc: 3.26 ng/ml



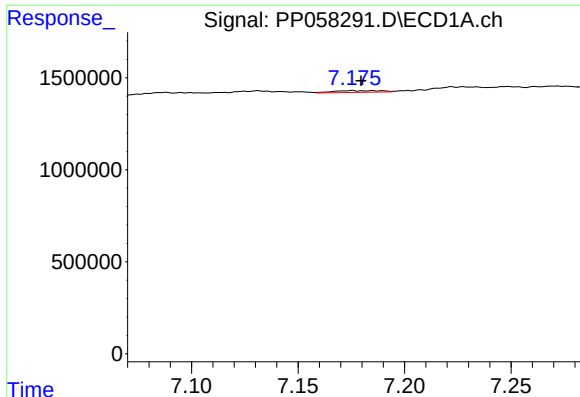
#30 AR-1254-5

R.T.: 7.724 min
Delta R.T.: -0.002 min
Response: 300127
Conc: 4.10 ng/ml



#30 AR-1254-5

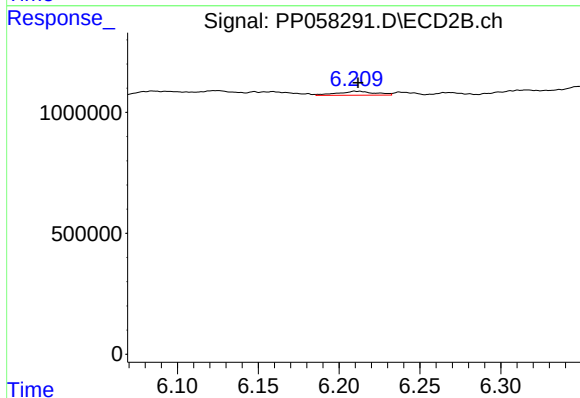
R.T.: 6.731 min
Delta R.T.: -0.002 min
Response: 680760
Conc: 4.68 ng/ml



#31 AR-1260-1

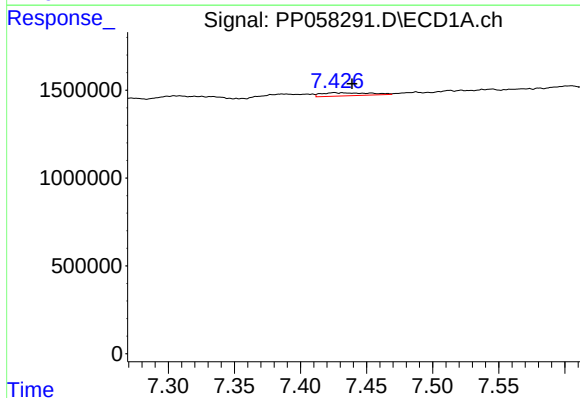
R.T.: 7.175 min
Delta R.T.: -0.004 min
Response: 153547
Conc: 1.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



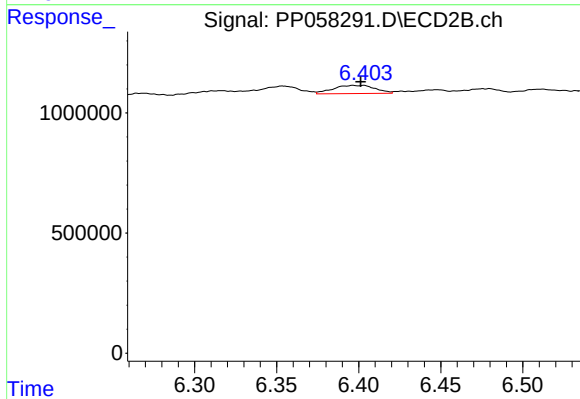
#31 AR-1260-1

R.T.: 6.210 min
Delta R.T.: -0.001 min
Response: 258205
Conc: 2.37 ng/ml



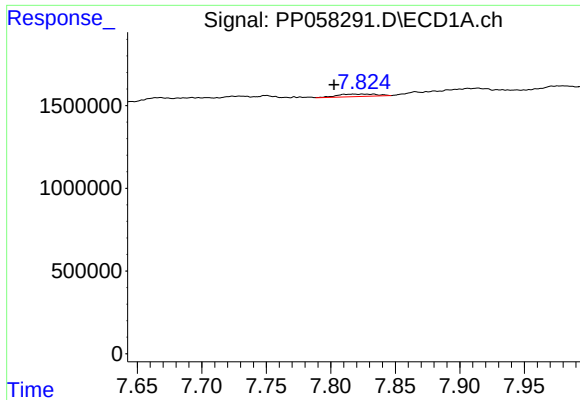
#32 AR-1260-2

R.T.: 7.426 min
Delta R.T.: -0.013 min
Response: 448872
Conc: 5.38 ng/ml



#32 AR-1260-2

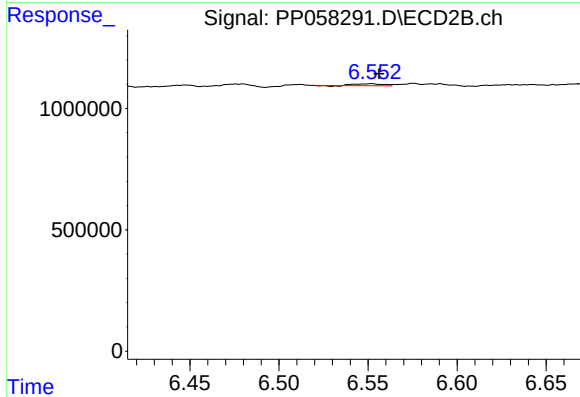
R.T.: 6.403 min
Delta R.T.: 0.002 min
Response: 604394
Conc: 4.69 ng/ml



#33 AR-1260-3

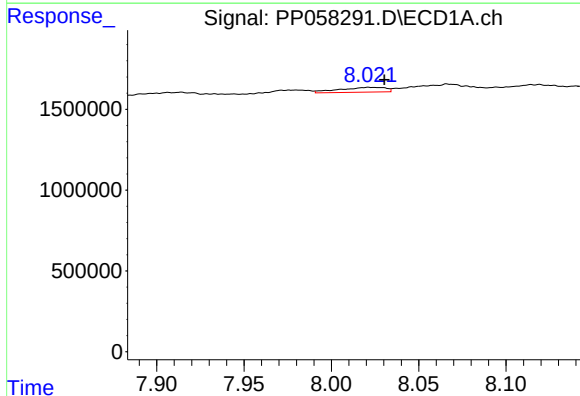
R.T.: 7.825 min
Delta R.T.: 0.022 min
Response: 310825
Conc: 5.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



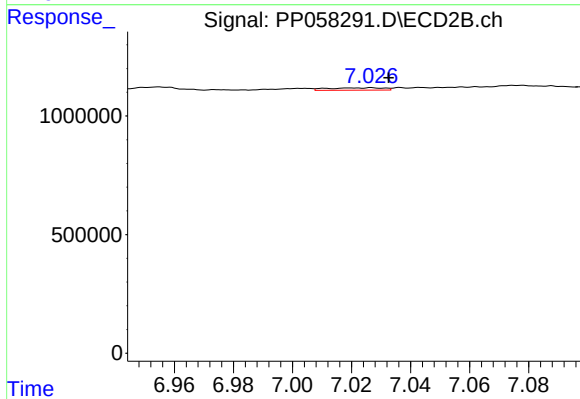
#33 AR-1260-3

R.T.: 6.552 min
Delta R.T.: -0.004 min
Response: 88467
Conc: 0.72 ng/ml



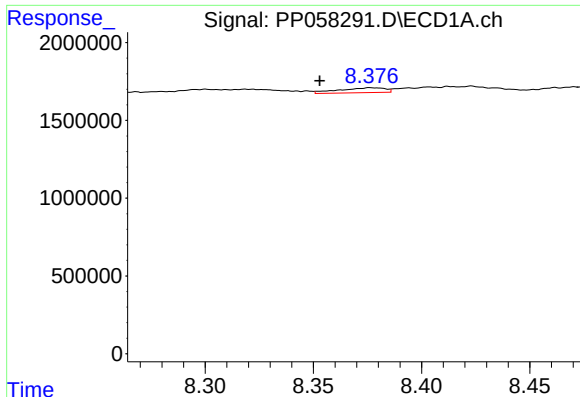
#34 AR-1260-4

R.T.: 8.022 min
Delta R.T.: -0.009 min
Response: 551518
Conc: 8.16 ng/ml



#34 AR-1260-4

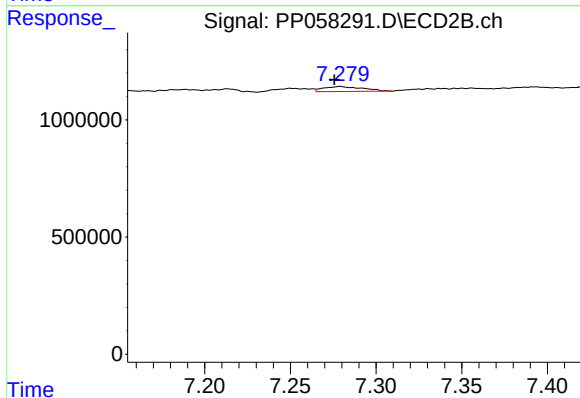
R.T.: 7.027 min
Delta R.T.: -0.006 min
Response: 128979
Conc: 1.42 ng/ml



#35 AR-1260-5

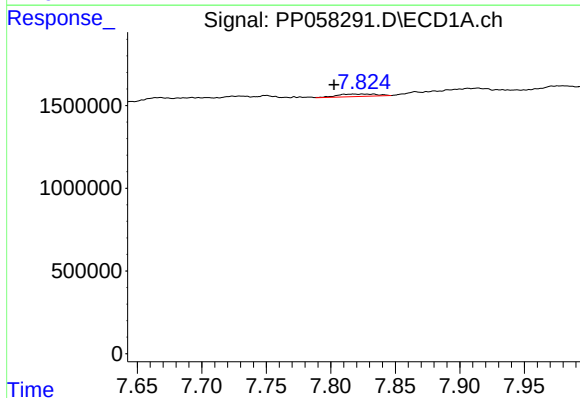
R.T.: 8.377 min
Delta R.T.: 0.024 min
Response: 463525
Conc: 4.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



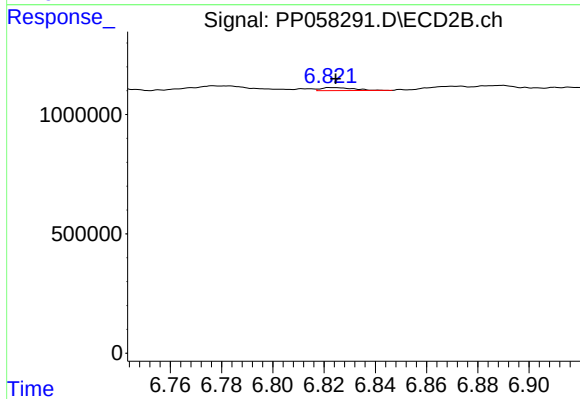
#35 AR-1260-5

R.T.: 7.279 min
Delta R.T.: 0.003 min
Response: 337715
Conc: 1.67 ng/ml



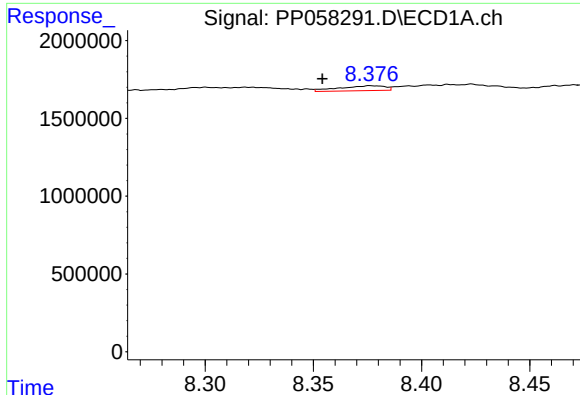
#36 AR-1262-1

R.T.: 7.825 min
Delta R.T.: 0.022 min
Response: 310825
Conc: 3.38 ng/ml



#36 AR-1262-1

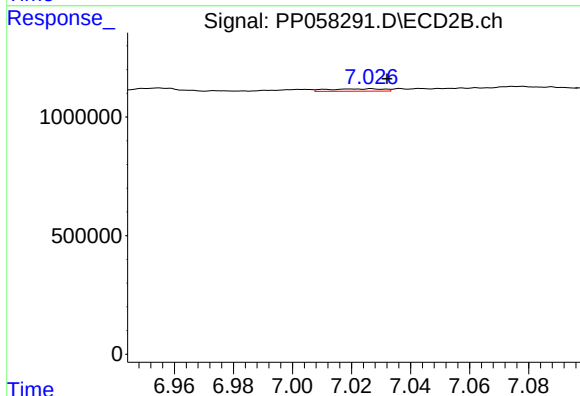
R.T.: 6.823 min
Delta R.T.: -0.001 min
Response: 114118
Conc: 1.82 ng/ml



#37 AR-1262-2

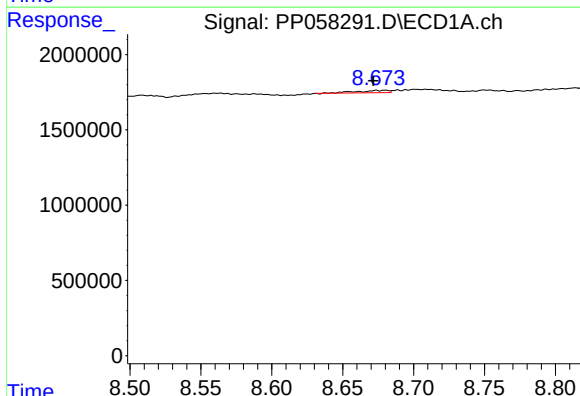
R.T.: 8.377 min
Delta R.T.: 0.023 min
Response: 463525
Conc: 3.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



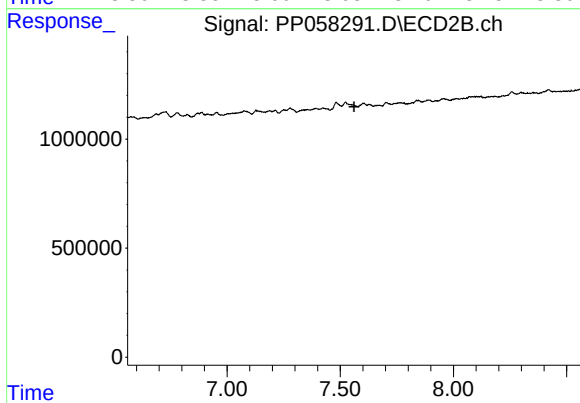
#37 AR-1262-2

R.T.: 7.027 min
Delta R.T.: -0.005 min
Response: 128979
Conc: 1.03 ng/ml



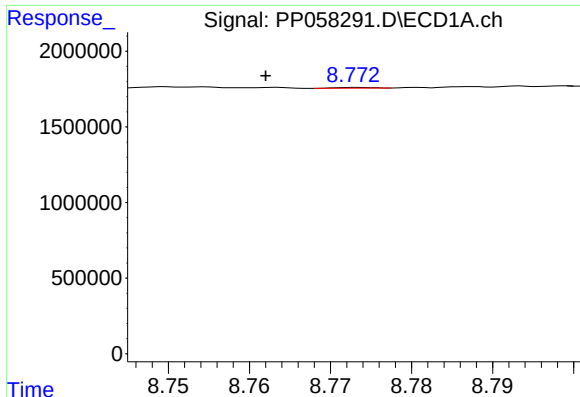
#38 AR-1262-3

R.T.: 8.674 min
Delta R.T.: 0.002 min
Response: 246929
Conc: 2.62 ng/ml



#38 AR-1262-3

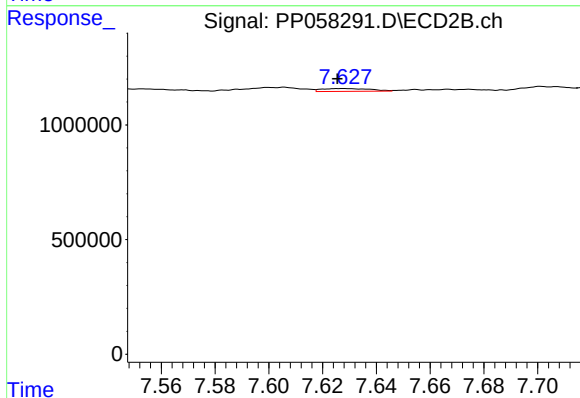
R.T.: 0.000 min
Exp R.T.: 7.561 min
Response: 0
Conc: N.D.



#39 AR-1262-4

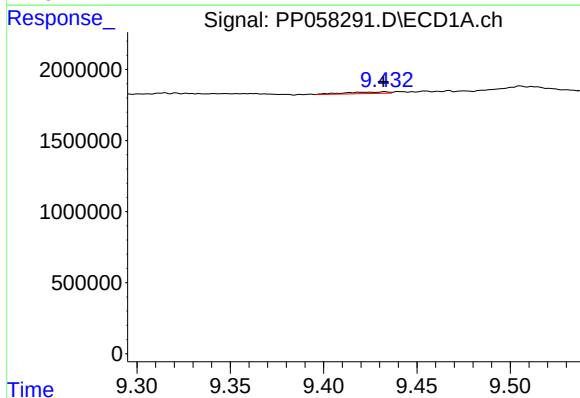
R.T.: 8.773 min
Delta R.T.: 0.011 min
Response: 15803
Conc: 0.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



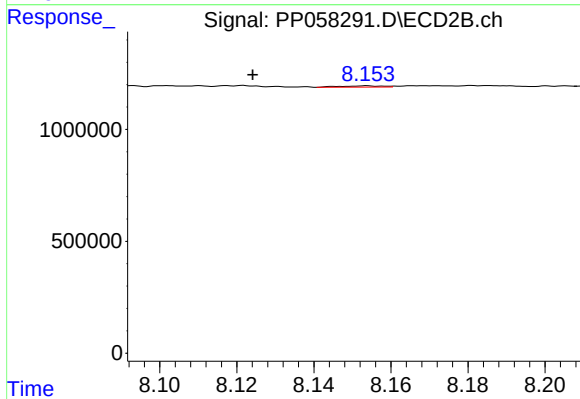
#39 AR-1262-4

R.T.: 7.628 min
Delta R.T.: 0.002 min
Response: 156876
Conc: 0.87 ng/ml



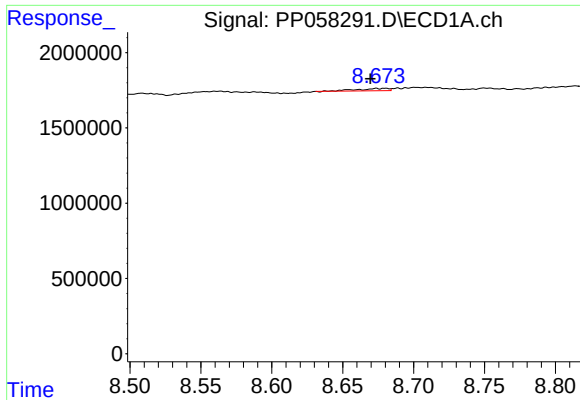
#40 AR-1262-5

R.T.: 9.433 min
Delta R.T.: 0.000 min
Response: 171504
Conc: 3.86 ng/ml



#40 AR-1262-5

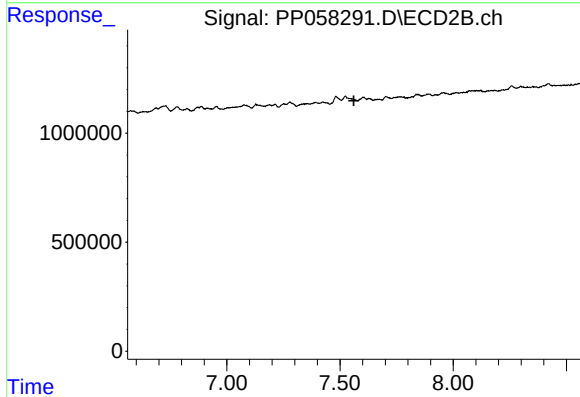
R.T.: 8.154 min
Delta R.T.: 0.030 min
Response: 40757
Conc: 0.50 ng/ml



#41 AR-1268-1

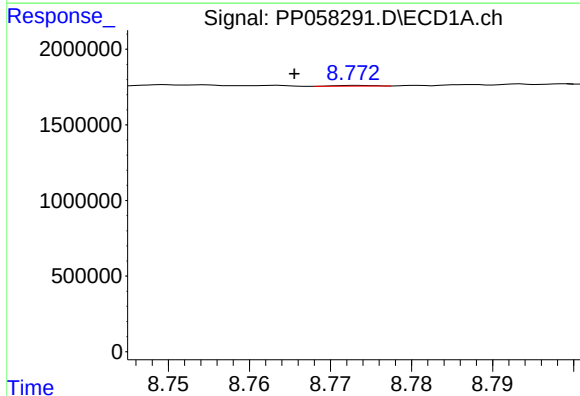
R.T.: 8.674 min
Delta R.T.: 0.004 min
Response: 246929
Conc: 1.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



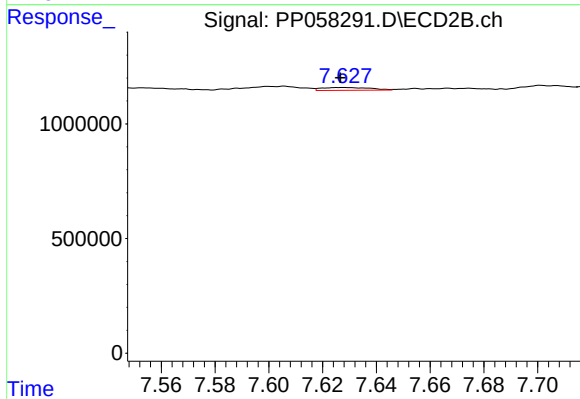
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.561 min
Response: 0
Conc: N.D.



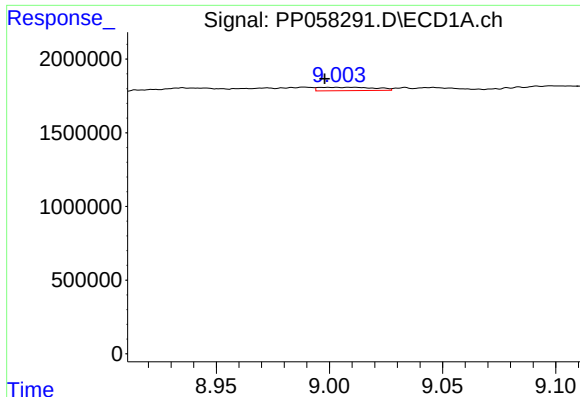
#42 AR-1268-2

R.T.: 8.773 min
Delta R.T.: 0.008 min
Response: 15803
Conc: 0.11 ng/ml



#42 AR-1268-2

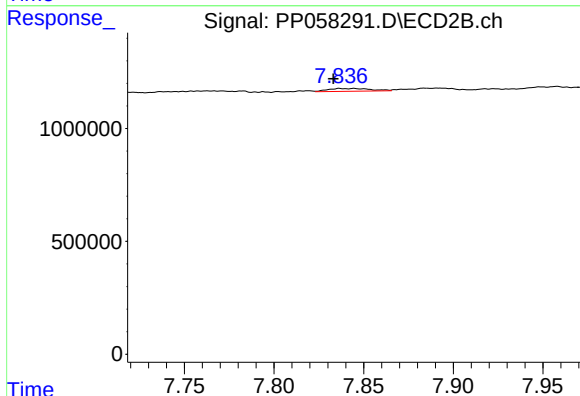
R.T.: 7.628 min
Delta R.T.: 0.000 min
Response: 156876
Conc: 0.62 ng/ml



#43 AR-1268-3

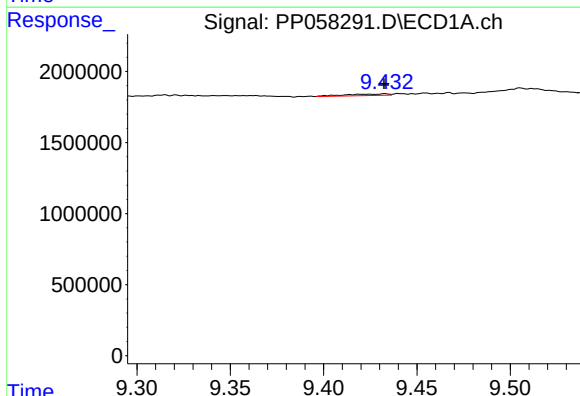
R.T.: 9.000 min
Delta R.T.: 0.002 min
Response: 395929
Conc: 3.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



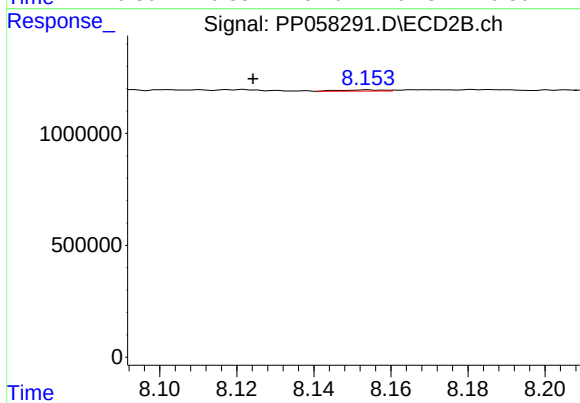
#43 AR-1268-3

R.T.: 7.845 min
Delta R.T.: 0.011 min
Response: 207293
Conc: 0.97 ng/ml



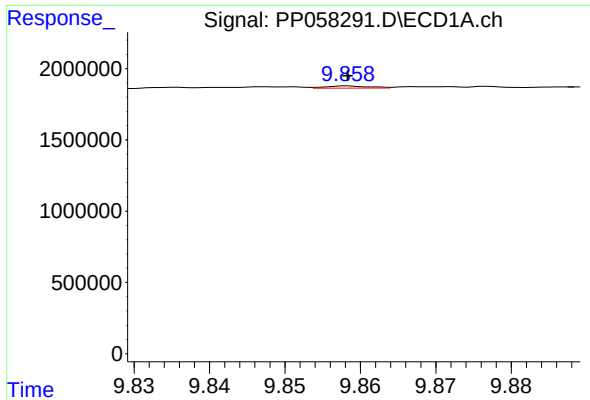
#44 AR-1268-4

R.T.: 9.433 min
Delta R.T.: 0.000 min
Response: 171504
Conc: 3.63 ng/ml



#44 AR-1268-4

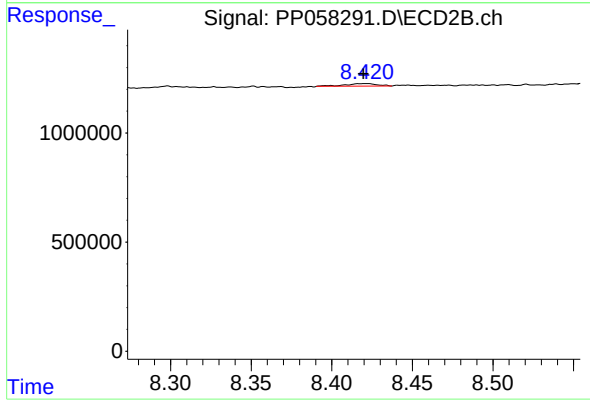
R.T.: 8.154 min
Delta R.T.: 0.030 min
Response: 40757
Conc: 0.47 ng/ml



#45 AR-1268-5

R.T.: 9.858 min
Delta R.T.: 0.000 min
Response: 59308
Conc: 0.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.421 min
Delta R.T.: 0.002 min
Response: 144851
Conc: 0.25 ng/ml