

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021423\
 Data File : PP055644.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Feb 2023 17:28
 Operator : YP\AJ
 Sample : 01542-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 14 20:48:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 03:37:45 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.326	3.572	22182746	19682528	12.758	13.111
2)	SA Decachlor...	10.077	8.579	17619052	15657678	10.175	11.593
Target Compounds							
3)	L1 AR-1016-1	5.490	4.668	75357	179383	1.121	3.624 #
4)	L1 AR-1016-2	5.524	4.687	144925	42402	1.512	0.613 #
5)	L1 AR-1016-3	5.582	4.843f	86746	52514	1.450	1.412
6)	L1 AR-1016-4	5.703f	4.911	40693	27922	0.849	0.889
7)	L1 AR-1016-5	5.989	5.108	20138	65479	0.397	1.602 #
8)	L2 AR-1221-1	4.533	0.000	1177148	0	50.059	N.D. #
9)	L2 AR-1221-2	4.633	3.852f	330929	1206349	18.626	81.387 #
10)	L2 AR-1221-3	4.702	0.000	48302	0	0.898	N.D. #
11)	L3 AR-1232-1	4.702	0.000	48302	0	1.088	N.D. #
12)	L3 AR-1232-2	5.241	4.687	53589	42402	2.370	1.327 #
13)	L3 AR-1232-3	5.524	4.843f	144925	52514	3.300	3.150
14)	L3 AR-1232-4	5.703f	0.000	40693	0	1.838	N.D. #
15)	L3 AR-1232-5	5.780	5.108	126349	65479	7.217	3.707 #
16)	L4 AR-1242-1	5.490	4.668	75357	179383	1.346	4.379 #
17)	L4 AR-1242-2	5.524	4.687	144925	42402	1.815	0.743 #
18)	L4 AR-1242-3	5.582	4.843f	86746	52514	1.747	1.701
19)	L4 AR-1242-4	5.703f	0.000	40693	0	1.015	N.D. #
20)	L4 AR-1242-5	6.423	5.481	196843	76263	4.427	2.041 #
21)	L5 AR-1248-1	5.490	4.668	75357	179383	1.807	5.786 #
22)	L5 AR-1248-2	5.780	4.911	126349	27922	1.987	0.611 #
23)	L5 AR-1248-3	5.975	0.000	28910	0	0.418	N.D. #
24)	L5 AR-1248-4	6.387	5.108	100923	65479	1.331	1.186
25)	L5 AR-1248-5	6.423	5.495	196843	24117	2.668	0.490 #
26)	L6 AR-1254-1	6.355	5.481	142871	76263	1.811	0.944 #
27)	L6 AR-1254-2	6.570	5.610	122805	156158	1.015	2.182 #
28)	L6 AR-1254-3	6.942	6.024	252162	32467	2.059	0.291 #
29)	L6 AR-1254-4	7.242	6.236	62964	42914	0.715	0.698
30)	L6 AR-1254-5	0.000	6.659	0	21773	N.D.	0.230 #
31)	L7 AR-1260-1	0.000	6.182f	0	193511	N.D.	2.495 #
32)	L7 AR-1260-2	0.000	6.358f	0	44146	N.D.	0.491 #
33)	L7 AR-1260-3	7.718f	6.493	203889	67525	2.532	0.795 #
34)	L7 AR-1260-4	7.979f	6.975	1250745	83217	12.884	1.162 #
35)	L7 AR-1260-5	8.266	7.217	1949178	16290	10.960	0.106 #
36)	L8 AR-1262-1	7.718f	6.748	203889	104971	1.728	2.443 #
37)	L8 AR-1262-2	8.266	6.975	1949178	83217	9.677	0.898 #
38)	L8 AR-1262-3	8.573f	7.492	48628	273586	0.350	3.755 #
39)	L8 AR-1262-4	8.684	7.564	108910	131092	1.417	1.002 #
40)	L8 AR-1262-5	9.333	0.000	855	0	0.012	N.D. #
41)	L9 AR-1268-1	8.573	7.492	48628	273586	0.199	1.265 #

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Acq On : 14 Feb 2023 17:28
Operator : YP\AJ
Sample : 01542-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

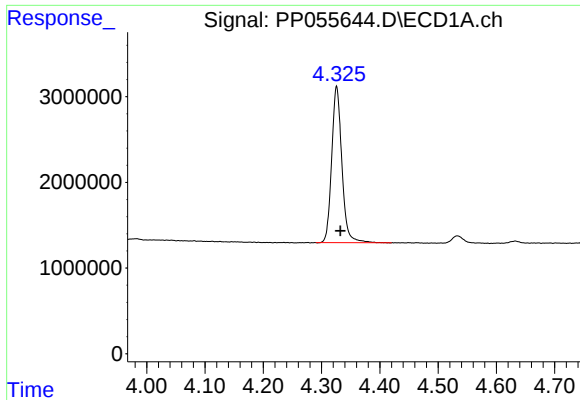
Instrument :
ECD_P
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 14 20:48:33 2023
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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	8.684	7.564	108910	131092	0.480	0.672 #
43)	L9 AR-1268-3	8.905	0.000	193168	0	0.967	N.D. #
44)	L9 AR-1268-4	9.333	0.000	855	0	0.011	N.D. #
45)	L9 AR-1268-5	9.742	8.345	80920	44181	0.127	0.084 #

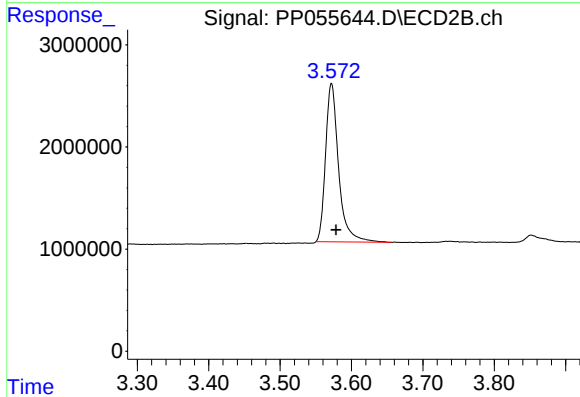
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

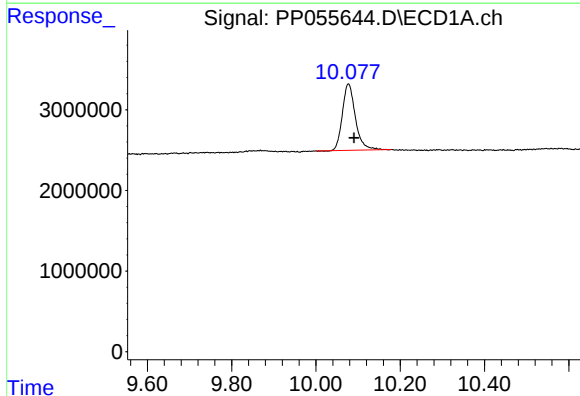
R.T.: 4.326 min
Delta R.T.: -0.006 min
Response: 22182746
Conc: 12.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



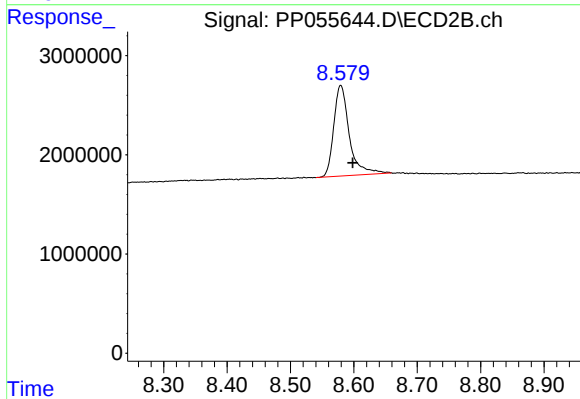
#1 Tetrachloro-m-xylene

R.T.: 3.572 min
Delta R.T.: -0.006 min
Response: 19682528
Conc: 13.11 ng/ml



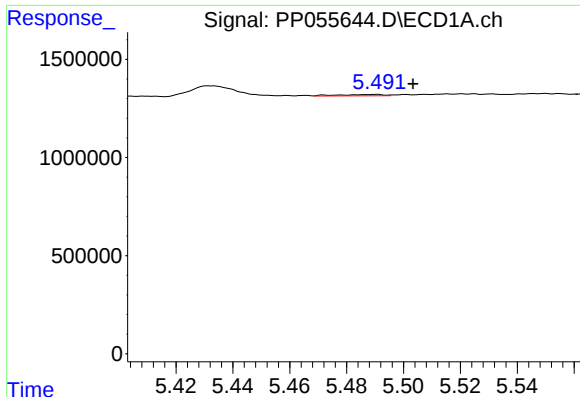
#2 Decachlorobiphenyl

R.T.: 10.077 min
Delta R.T.: -0.014 min
Response: 17619052
Conc: 10.17 ng/ml



#2 Decachlorobiphenyl

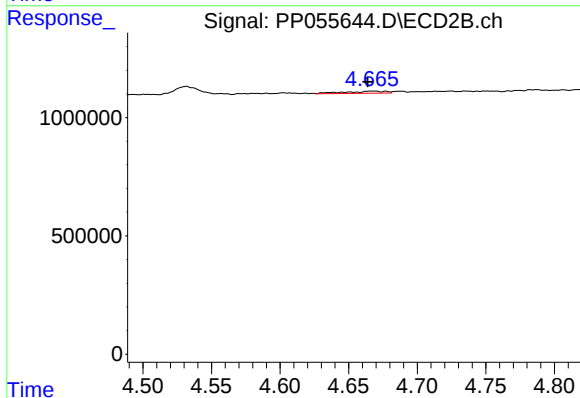
R.T.: 8.579 min
Delta R.T.: -0.019 min
Response: 15657678
Conc: 11.59 ng/ml



#3 AR-1016-1

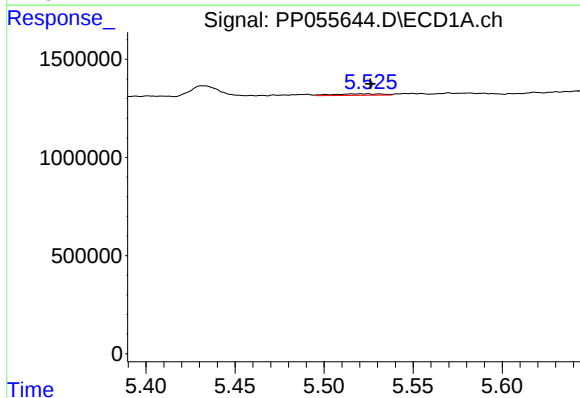
R.T.: 5.490 min
Delta R.T.: -0.013 min
Response: 75357
Conc: 1.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



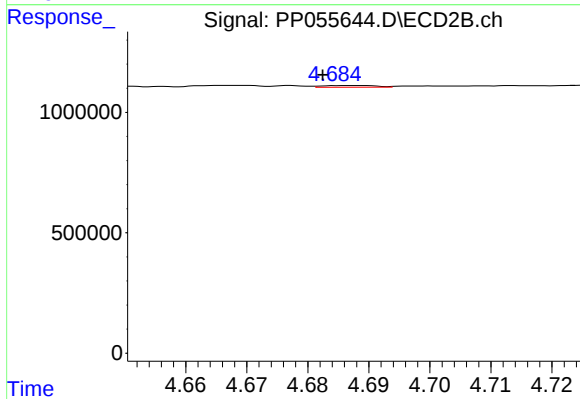
#3 AR-1016-1

R.T.: 4.668 min
Delta R.T.: 0.004 min
Response: 179383
Conc: 3.62 ng/ml



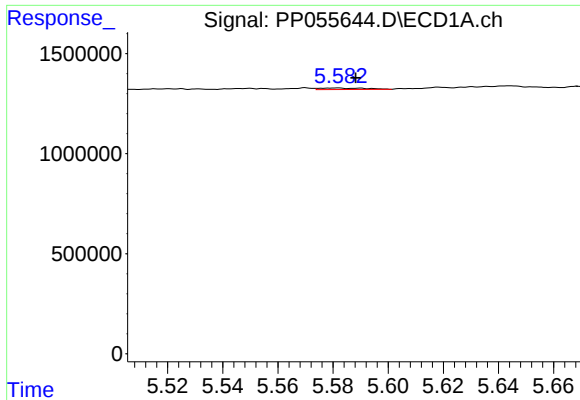
#4 AR-1016-2

R.T.: 5.524 min
Delta R.T.: -0.002 min
Response: 144925
Conc: 1.51 ng/ml



#4 AR-1016-2

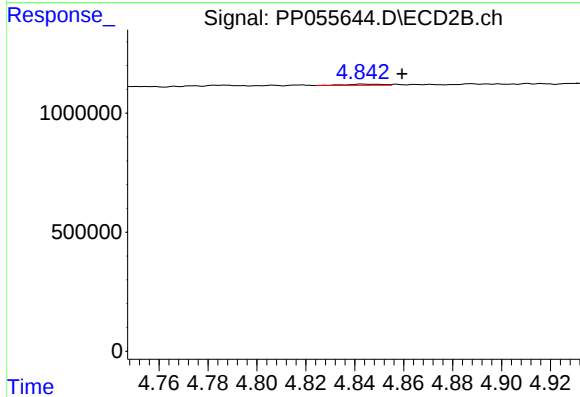
R.T.: 4.687 min
Delta R.T.: 0.005 min
Response: 42402
Conc: 0.61 ng/ml



#5 AR-1016-3

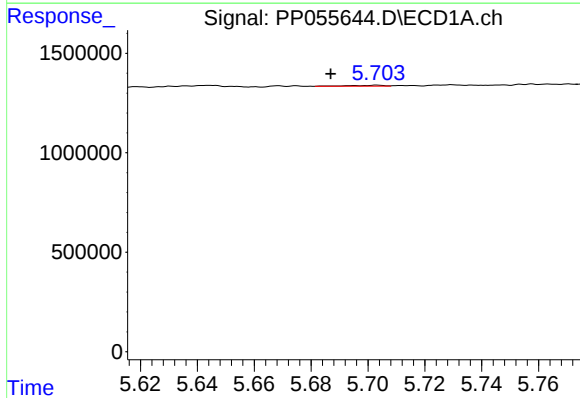
R.T.: 5.582 min
Delta R.T.: -0.007 min
Response: 86746
Conc: 1.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



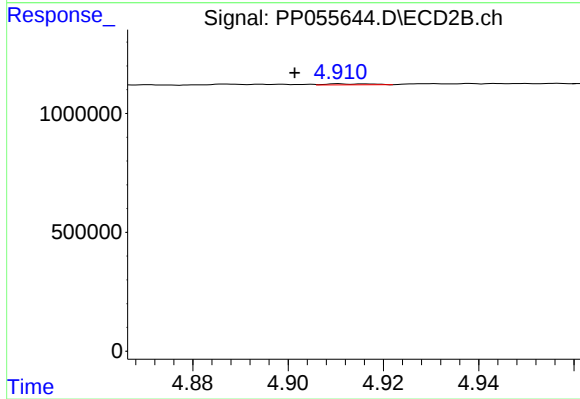
#5 AR-1016-3

R.T.: 4.843 min
Delta R.T.: -0.016 min
Response: 52514
Conc: 1.41 ng/ml



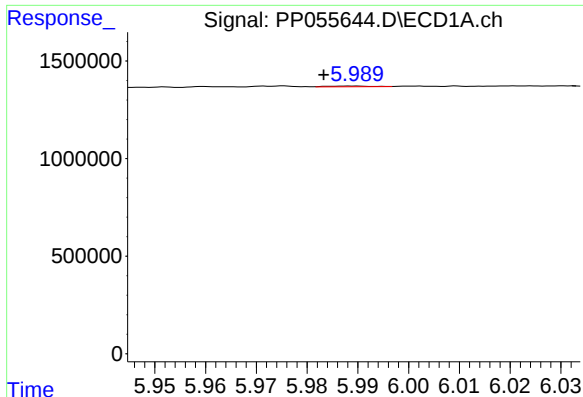
#6 AR-1016-4

R.T.: 5.703 min
Delta R.T.: 0.016 min
Response: 40693
Conc: 0.85 ng/ml



#6 AR-1016-4

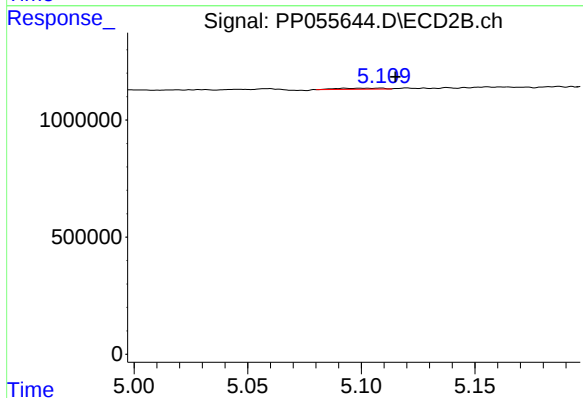
R.T.: 4.911 min
Delta R.T.: 0.009 min
Response: 27922
Conc: 0.89 ng/ml



#7 AR-1016-5

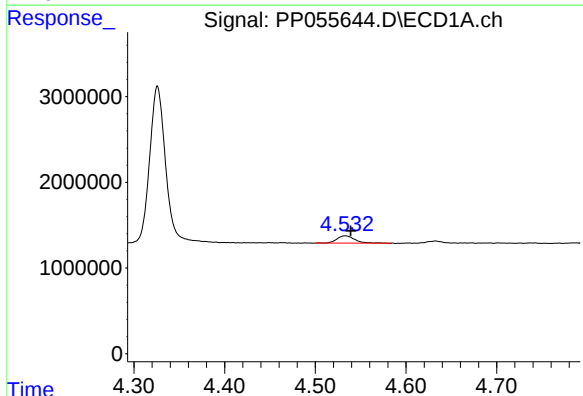
R.T.: 5.989 min
Delta R.T.: 0.005 min
Response: 20138
Conc: 0.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



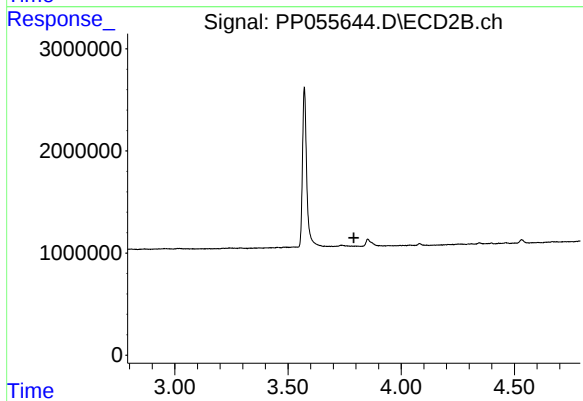
#7 AR-1016-5

R.T.: 5.108 min
Delta R.T.: -0.007 min
Response: 65479
Conc: 1.60 ng/ml



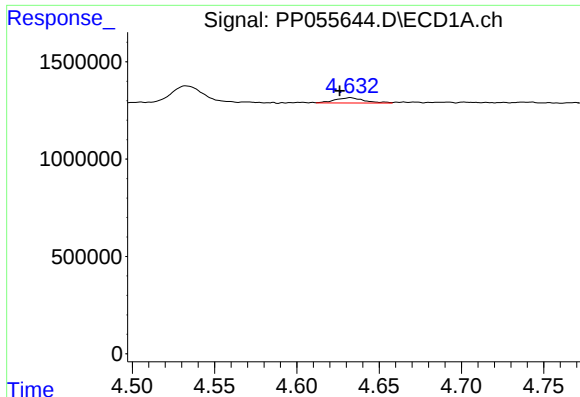
#8 AR-1221-1

R.T.: 4.533 min
Delta R.T.: -0.006 min
Response: 1177148
Conc: 50.06 ng/ml



#8 AR-1221-1

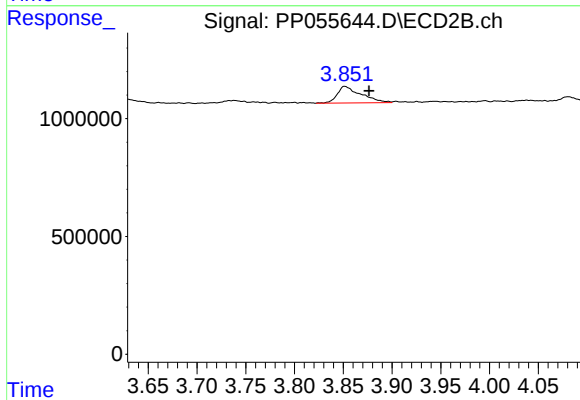
R.T.: 0.000 min
Exp R.T. : 3.791 min
Response: 0
Conc: N.D.



#9 AR-1221-2

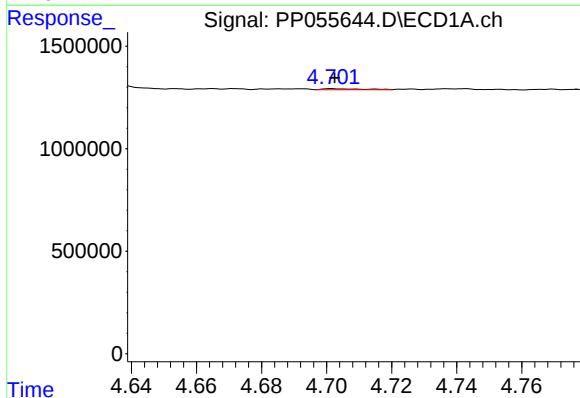
R.T.: 4.633 min
Delta R.T.: 0.007 min
Response: 330929
Conc: 18.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



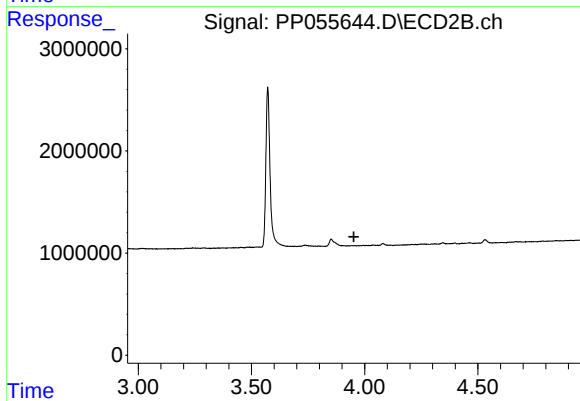
#9 AR-1221-2

R.T.: 3.852 min
Delta R.T.: -0.025 min
Response: 1206349
Conc: 81.39 ng/ml



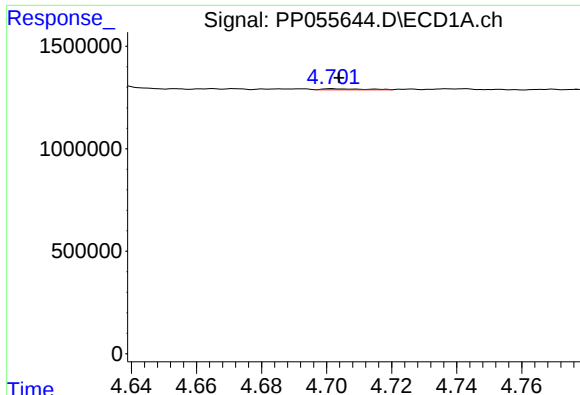
#10 AR-1221-3

R.T.: 4.702 min
Delta R.T.: 0.000 min
Response: 48302
Conc: 0.90 ng/ml



#10 AR-1221-3

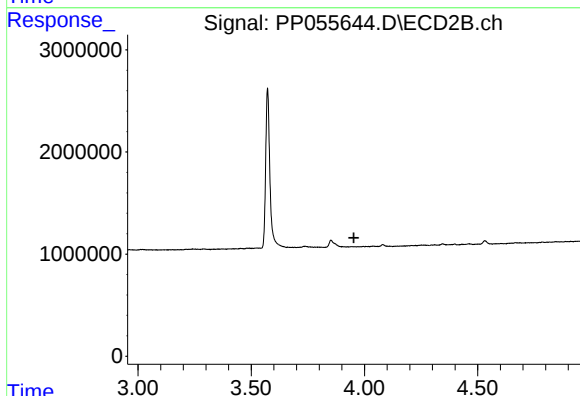
R.T.: 0.000 min
Exp R.T. : 3.952 min
Response: 0
Conc: N.D.



#11 AR-1232-1

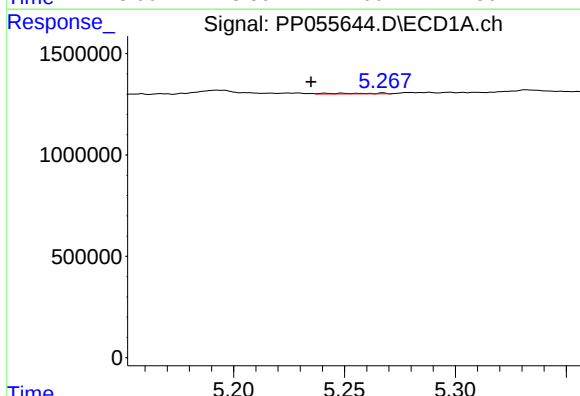
R.T.: 4.702 min
Delta R.T.: -0.002 min
Response: 48302
Conc: 1.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



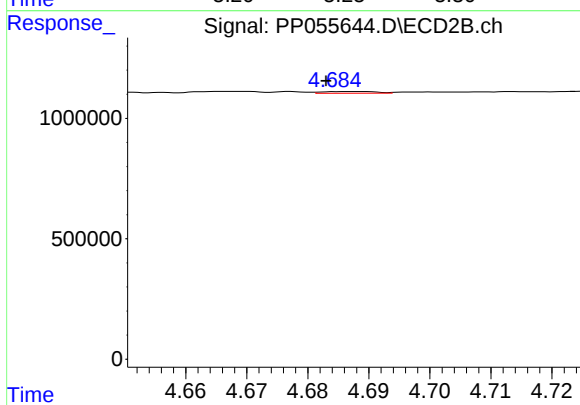
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.953 min
Response: 0
Conc: N.D.



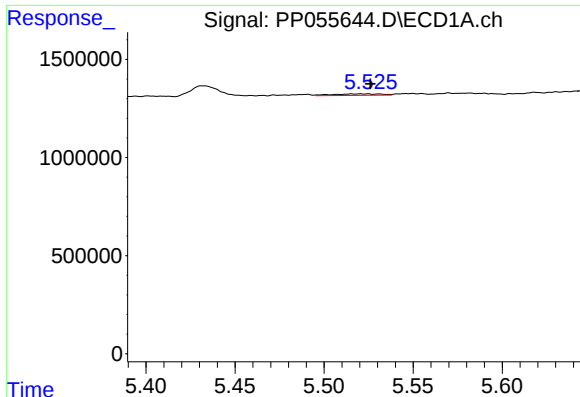
#12 AR-1232-2

R.T.: 5.241 min
Delta R.T.: 0.006 min
Response: 53589
Conc: 2.37 ng/ml



#12 AR-1232-2

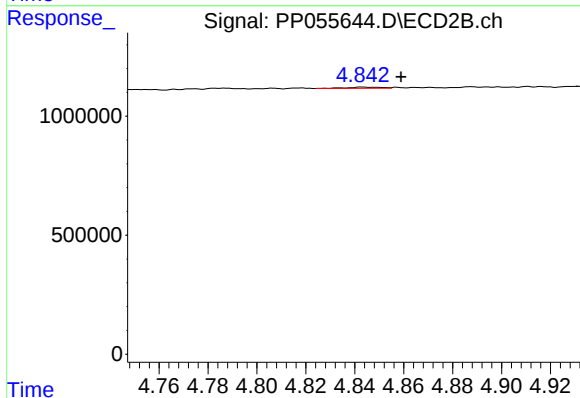
R.T.: 4.687 min
Delta R.T.: 0.004 min
Response: 42402
Conc: 1.33 ng/ml



#13 AR-1232-3

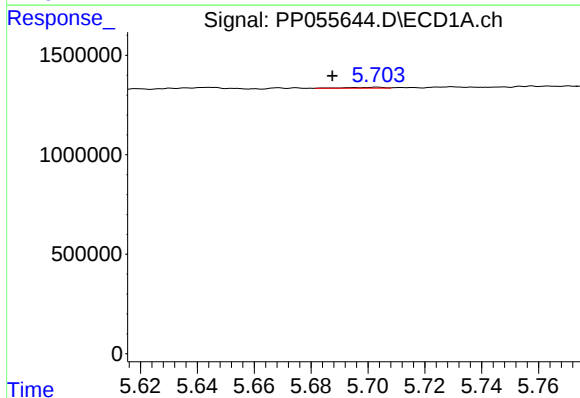
R.T.: 5.524 min
Delta R.T.: -0.002 min
Response: 144925
Conc: 3.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



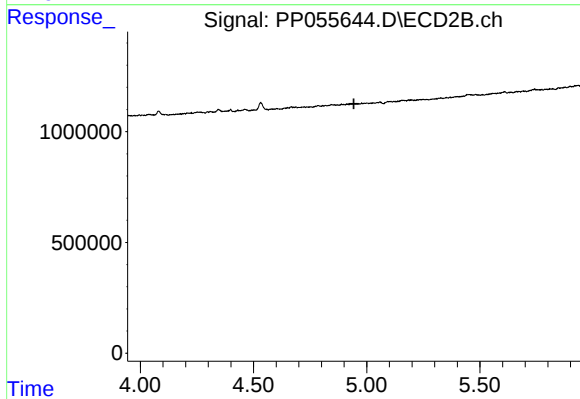
#13 AR-1232-3

R.T.: 4.843 min
Delta R.T.: -0.016 min
Response: 52514
Conc: 3.15 ng/ml



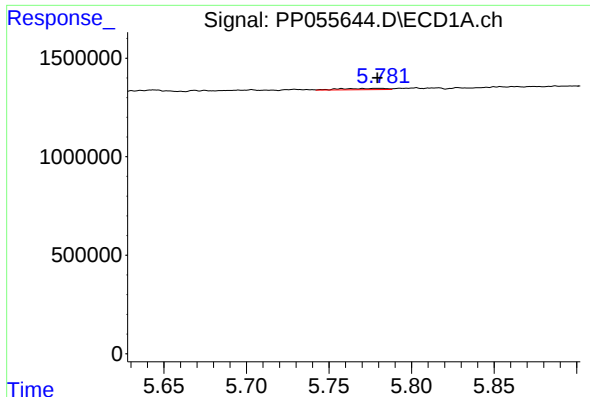
#14 AR-1232-4

R.T.: 5.703 min
Delta R.T.: 0.016 min
Response: 40693
Conc: 1.84 ng/ml



#14 AR-1232-4

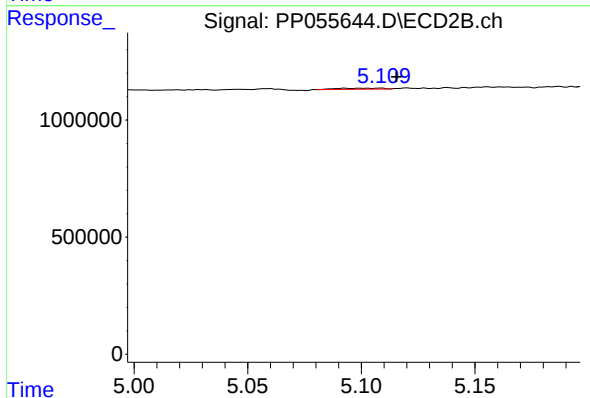
R.T.: 0.000 min
Exp R.T.: 4.944 min
Response: 0
Conc: N.D.



#15 AR-1232-5

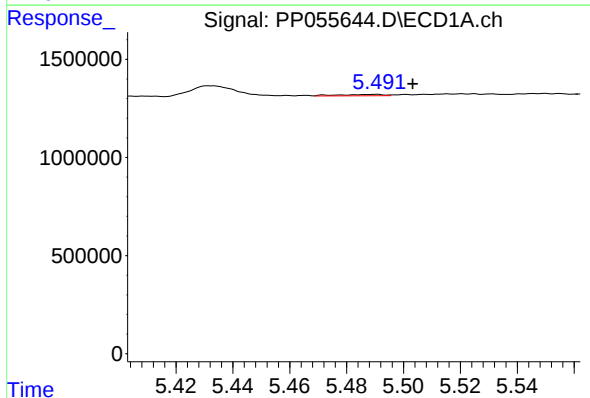
R.T.: 5.780 min
Delta R.T.: 0.001 min
Response: 126349
Conc: 7.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



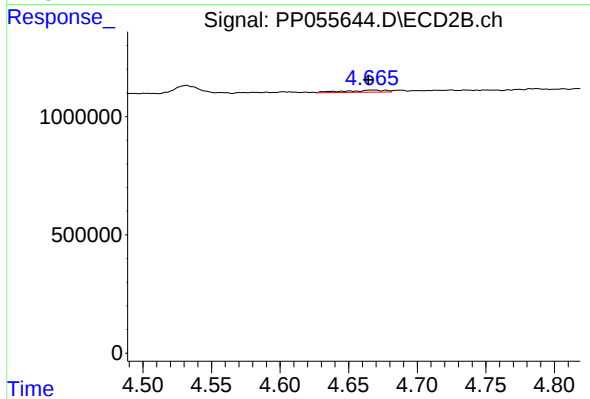
#15 AR-1232-5

R.T.: 5.108 min
Delta R.T.: -0.007 min
Response: 65479
Conc: 3.71 ng/ml



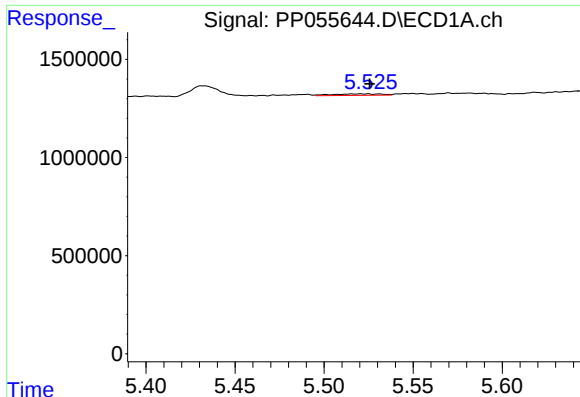
#16 AR-1242-1

R.T.: 5.490 min
Delta R.T.: -0.013 min
Response: 75357
Conc: 1.35 ng/ml



#16 AR-1242-1

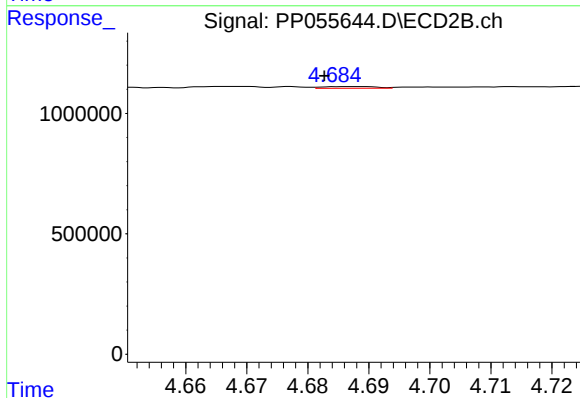
R.T.: 4.668 min
Delta R.T.: 0.004 min
Response: 179383
Conc: 4.38 ng/ml



#17 AR-1242-2

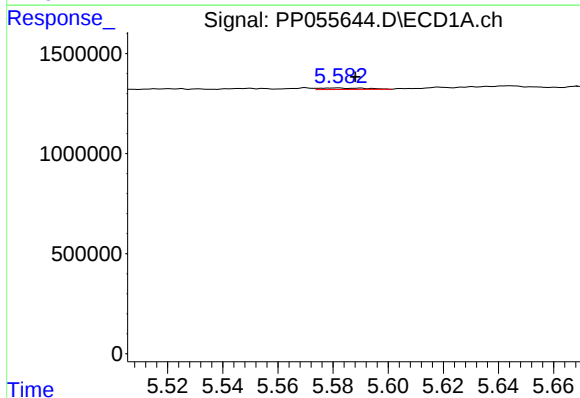
R.T.: 5.524 min
Delta R.T.: -0.001 min
Response: 144925
Conc: 1.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



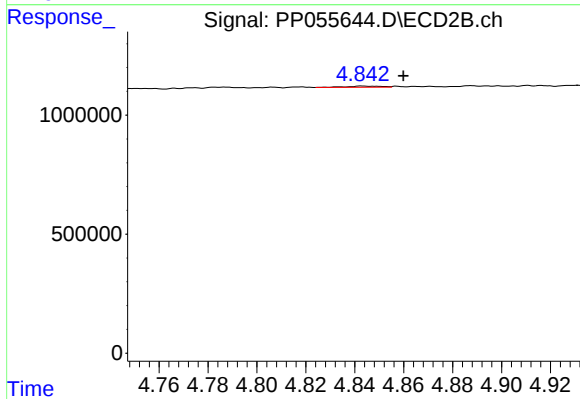
#17 AR-1242-2

R.T.: 4.687 min
Delta R.T.: 0.005 min
Response: 42402
Conc: 0.74 ng/ml



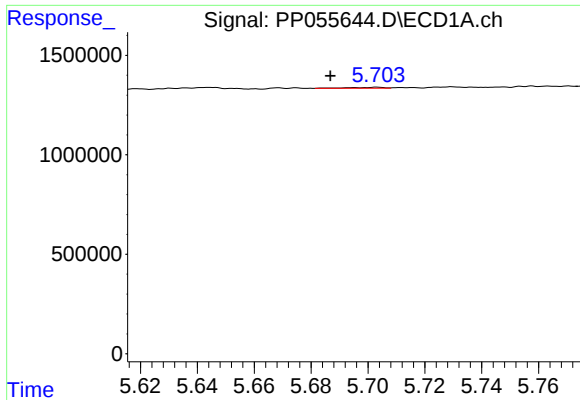
#18 AR-1242-3

R.T.: 5.582 min
Delta R.T.: -0.007 min
Response: 86746
Conc: 1.75 ng/ml



#18 AR-1242-3

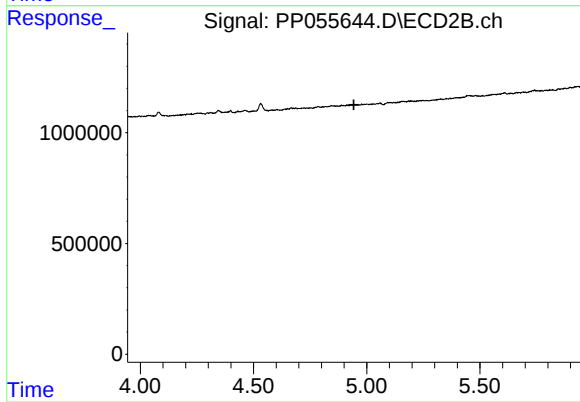
R.T.: 4.843 min
Delta R.T.: -0.017 min
Response: 52514
Conc: 1.70 ng/ml



#19 AR-1242-4

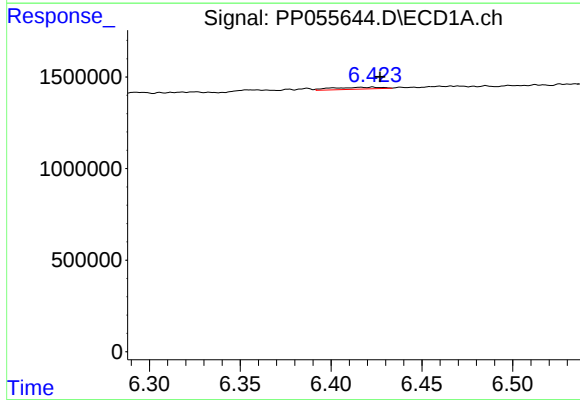
R.T.: 5.703 min
Delta R.T.: 0.016 min
Response: 40693
Conc: 1.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



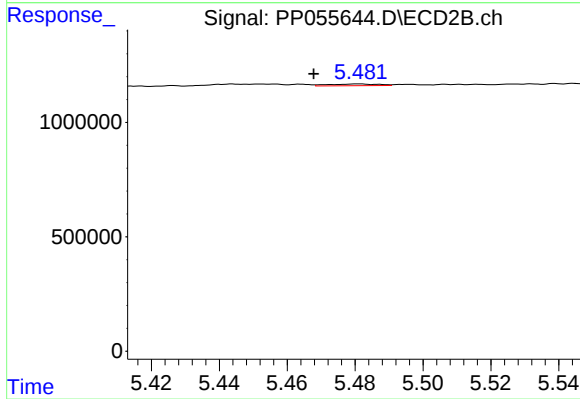
#19 AR-1242-4

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



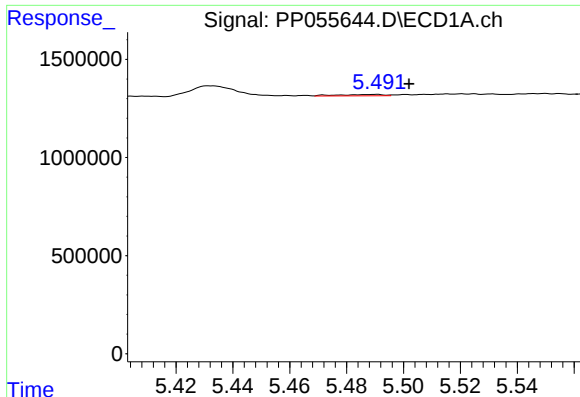
#20 AR-1242-5

R.T.: 6.423 min
Delta R.T.: -0.004 min
Response: 196843
Conc: 4.43 ng/ml



#20 AR-1242-5

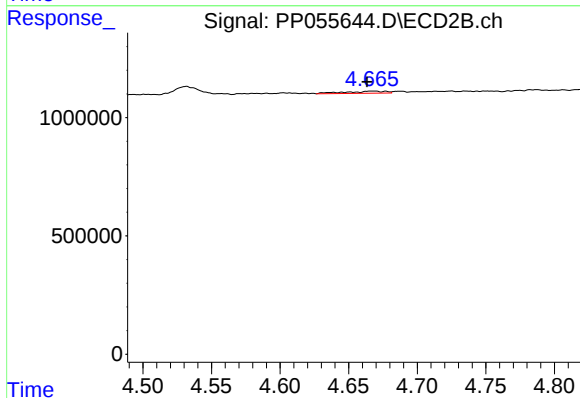
R.T.: 5.481 min
Delta R.T.: 0.013 min
Response: 76263
Conc: 2.04 ng/ml



#21 AR-1248-1

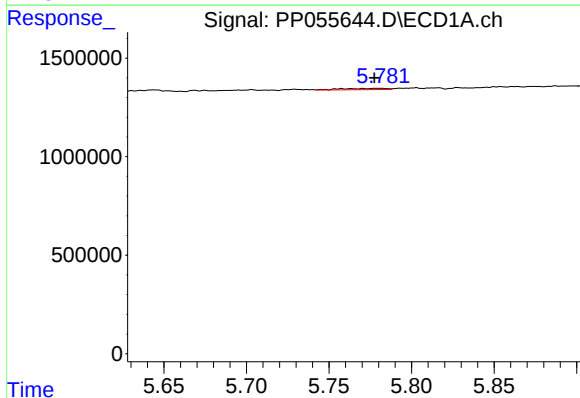
R.T.: 5.490 min
Delta R.T.: -0.012 min
Response: 75357
Conc: 1.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



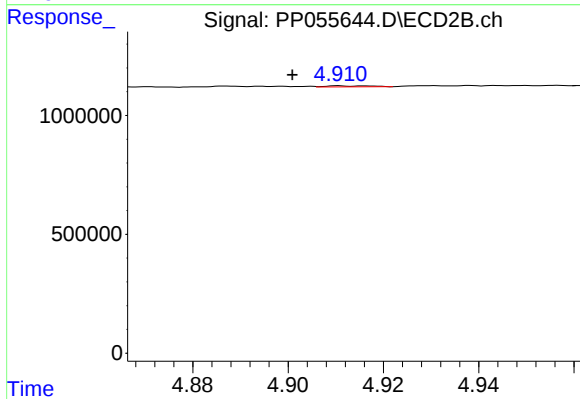
#21 AR-1248-1

R.T.: 4.668 min
Delta R.T.: 0.005 min
Response: 179383
Conc: 5.79 ng/ml



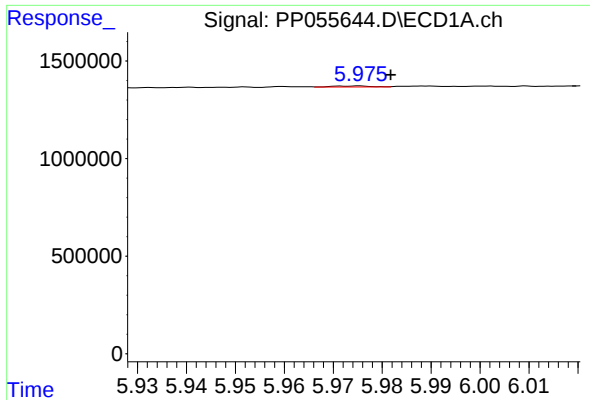
#22 AR-1248-2

R.T.: 5.780 min
Delta R.T.: 0.003 min
Response: 126349
Conc: 1.99 ng/ml



#22 AR-1248-2

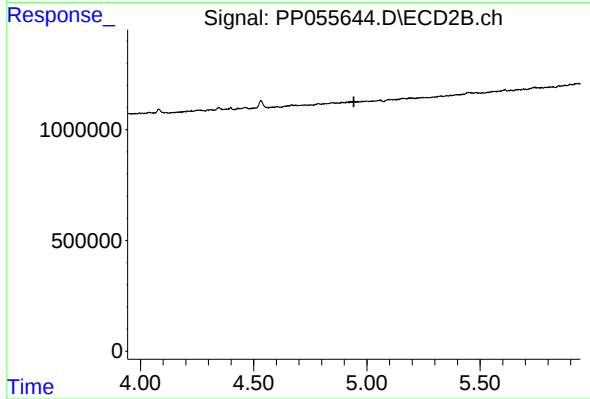
R.T.: 4.911 min
Delta R.T.: 0.010 min
Response: 27922
Conc: 0.61 ng/ml



#23 AR-1248-3

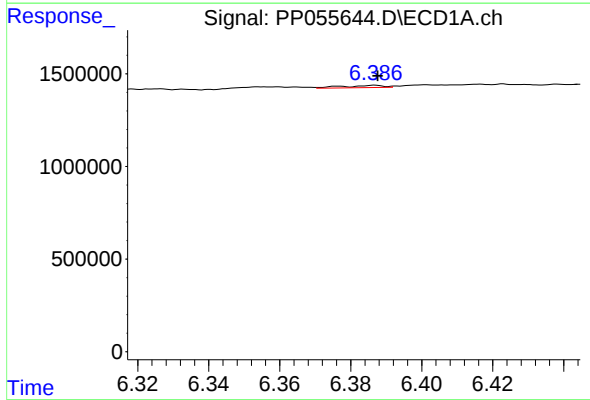
R.T.: 5.975 min
Delta R.T.: -0.007 min
Response: 28910
Conc: 0.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



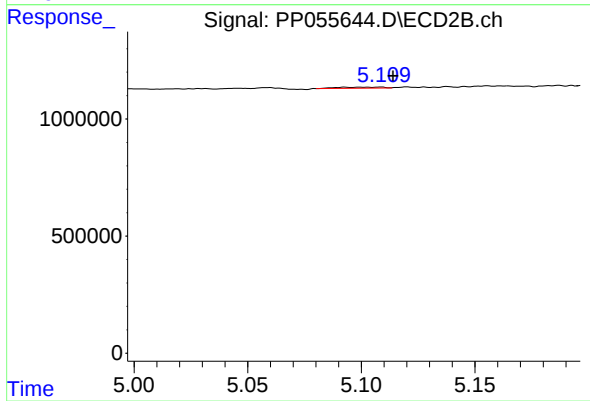
#23 AR-1248-3

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



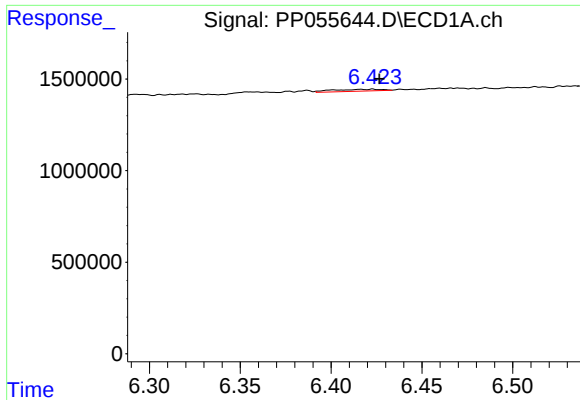
#24 AR-1248-4

R.T.: 6.387 min
Delta R.T.: 0.000 min
Response: 100923
Conc: 1.33 ng/ml



#24 AR-1248-4

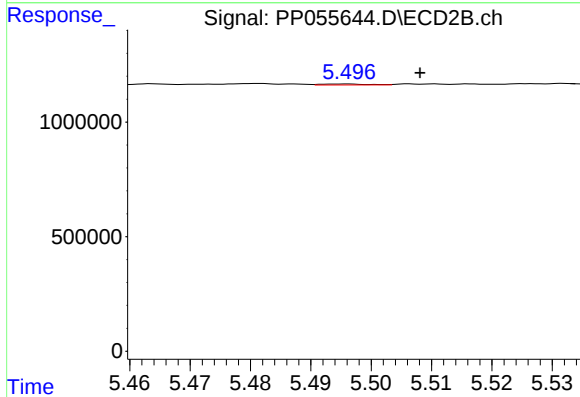
R.T.: 5.108 min
Delta R.T.: -0.006 min
Response: 65479
Conc: 1.19 ng/ml



#25 AR-1248-5

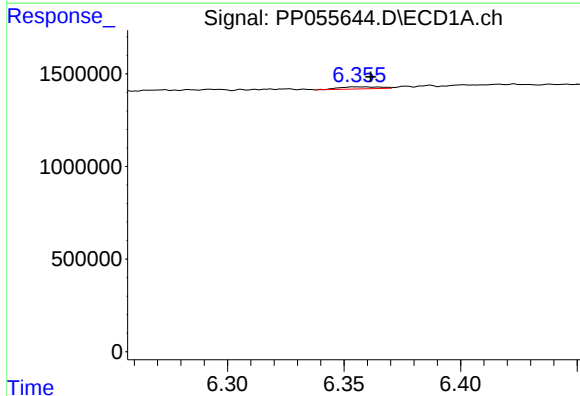
R.T.: 6.423 min
Delta R.T.: -0.003 min
Response: 196843
Conc: 2.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



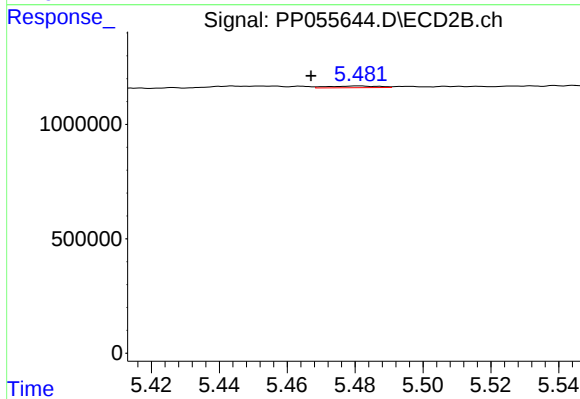
#25 AR-1248-5

R.T.: 5.495 min
Delta R.T.: -0.013 min
Response: 24117
Conc: 0.49 ng/ml



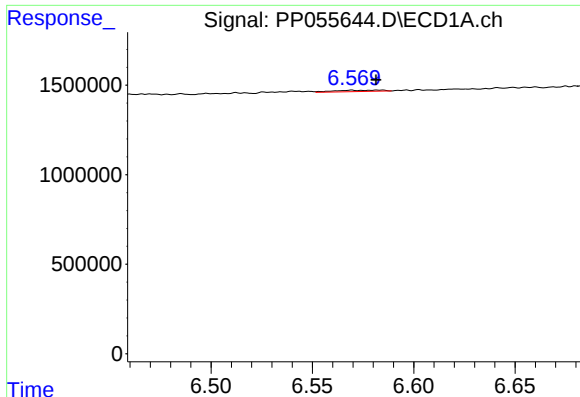
#26 AR-1254-1

R.T.: 6.355 min
Delta R.T.: -0.006 min
Response: 142871
Conc: 1.81 ng/ml



#26 AR-1254-1

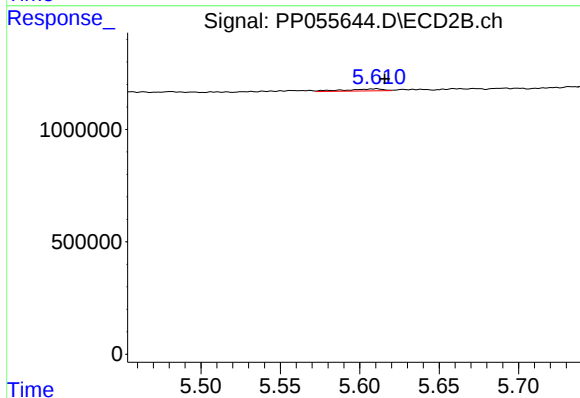
R.T.: 5.481 min
Delta R.T.: 0.014 min
Response: 76263
Conc: 0.94 ng/ml



#27 AR-1254-2

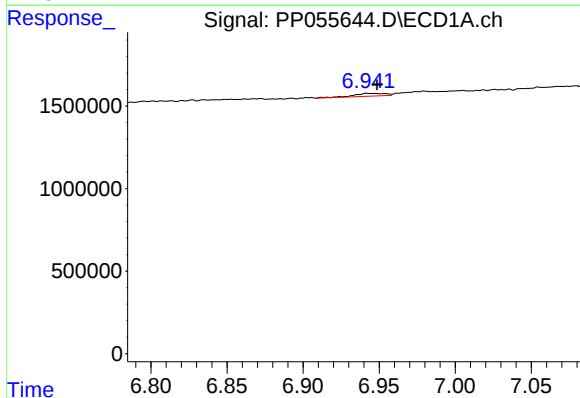
R.T.: 6.570 min
Delta R.T.: -0.012 min
Response: 122805
Conc: 1.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



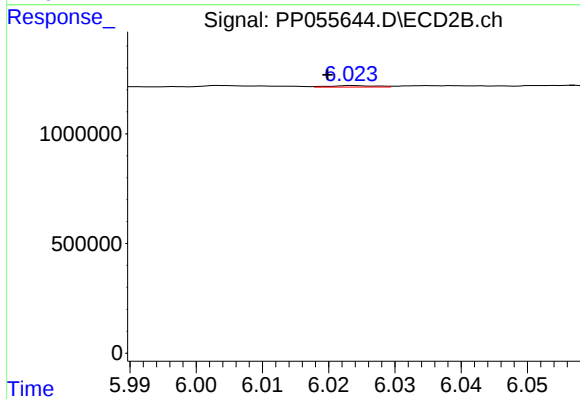
#27 AR-1254-2

R.T.: 5.610 min
Delta R.T.: -0.005 min
Response: 156158
Conc: 2.18 ng/ml



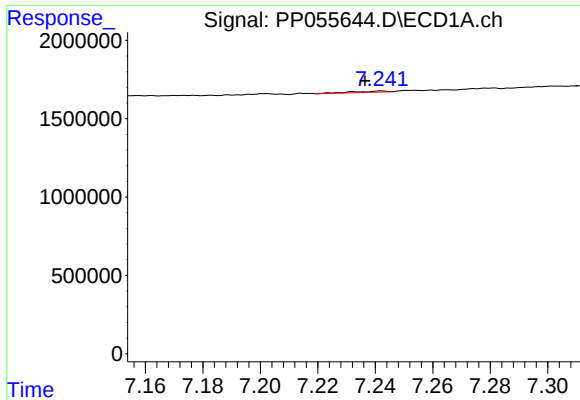
#28 AR-1254-3

R.T.: 6.942 min
Delta R.T.: -0.006 min
Response: 252162
Conc: 2.06 ng/ml



#28 AR-1254-3

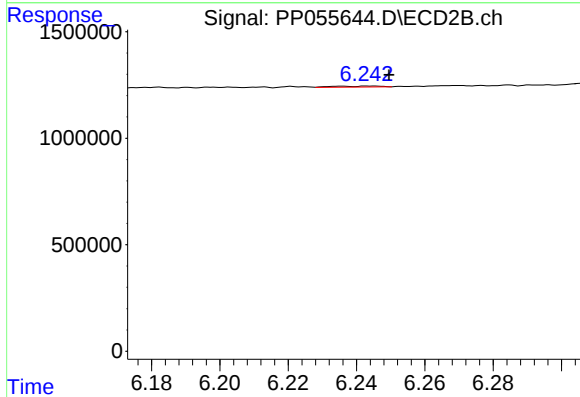
R.T.: 6.024 min
Delta R.T.: 0.004 min
Response: 32467
Conc: 0.29 ng/ml



#29 AR-1254-4

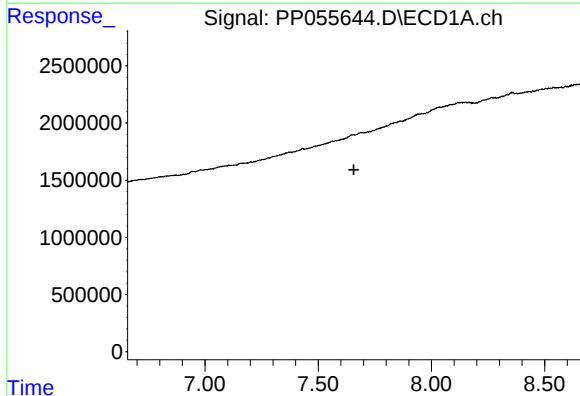
R.T.: 7.242 min
Delta R.T.: 0.006 min
Response: 62964
Conc: 0.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



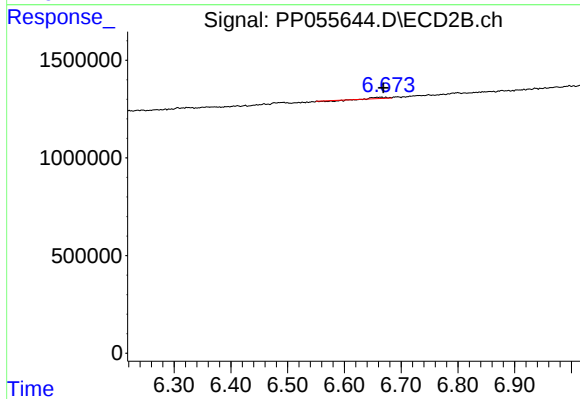
#29 AR-1254-4

R.T.: 6.236 min
Delta R.T.: -0.014 min
Response: 42914
Conc: 0.70 ng/ml



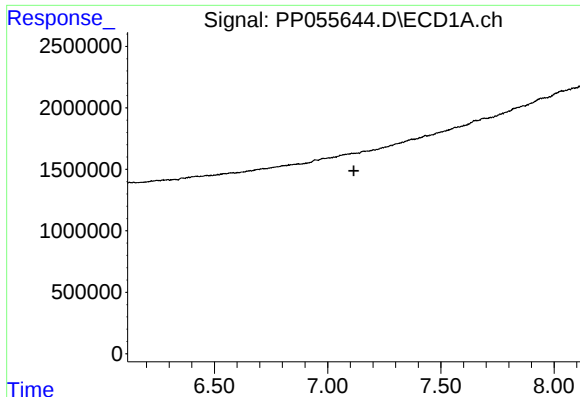
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.657 min
Response: 0
Conc: N.D.



#30 AR-1254-5

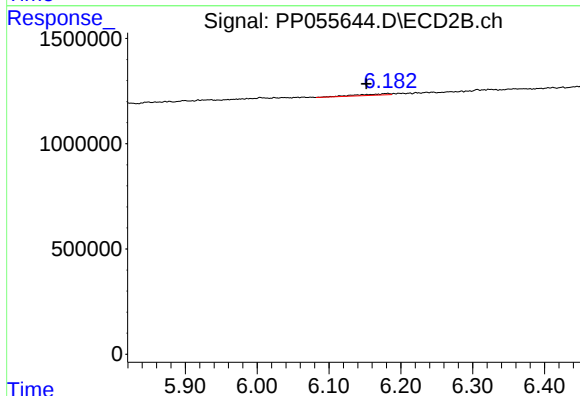
R.T.: 6.659 min
Delta R.T.: -0.010 min
Response: 21773
Conc: 0.23 ng/ml



#31 AR-1260-1

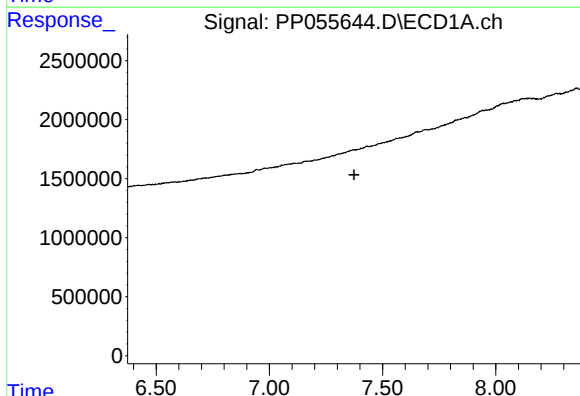
R.T.: 0.000 min
Exp R.T.: 7.116 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



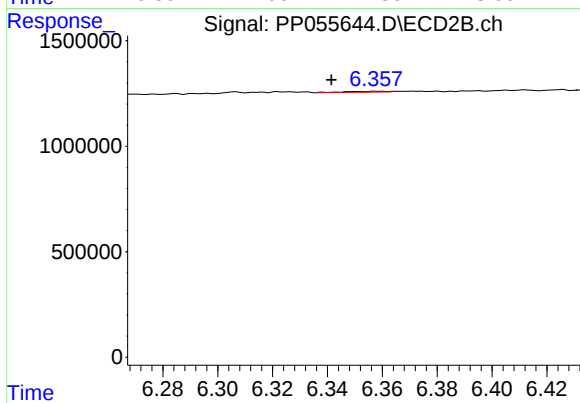
#31 AR-1260-1

R.T.: 6.182 min
Delta R.T.: 0.030 min
Response: 193511
Conc: 2.50 ng/ml



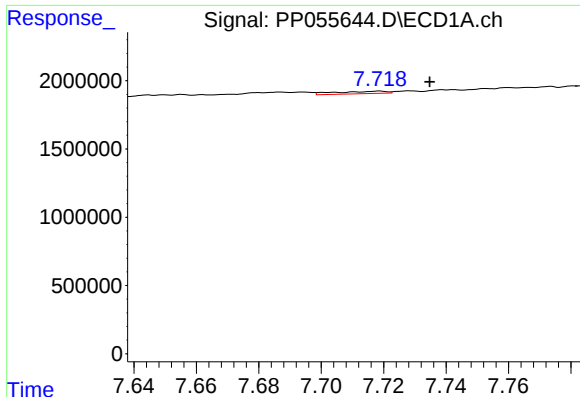
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 7.374 min
Response: 0
Conc: N.D.



#32 AR-1260-2

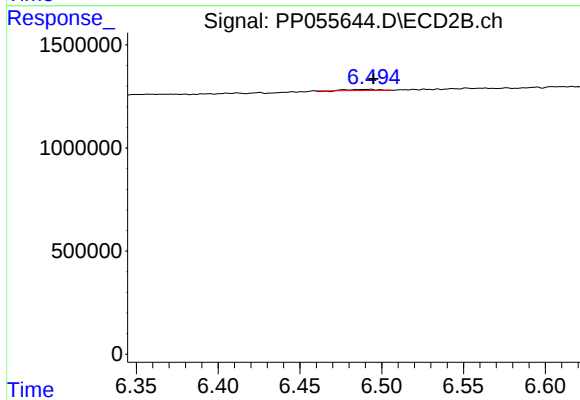
R.T.: 6.358 min
Delta R.T.: 0.017 min
Response: 44146
Conc: 0.49 ng/ml



#33 AR-1260-3

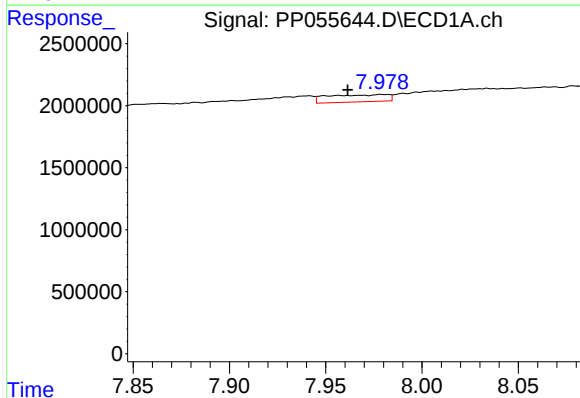
R.T.: 7.718 min
Delta R.T.: -0.016 min
Response: 203889
Conc: 2.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



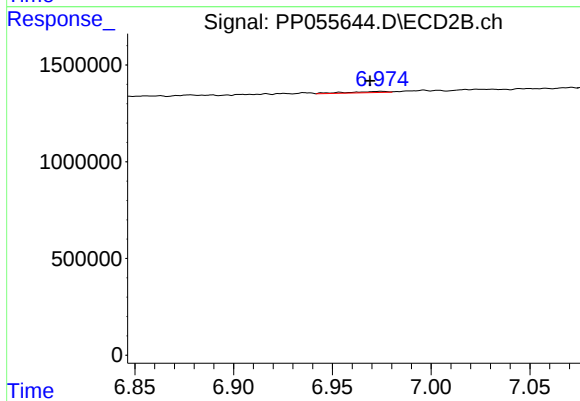
#33 AR-1260-3

R.T.: 6.493 min
Delta R.T.: -0.002 min
Response: 67525
Conc: 0.80 ng/ml



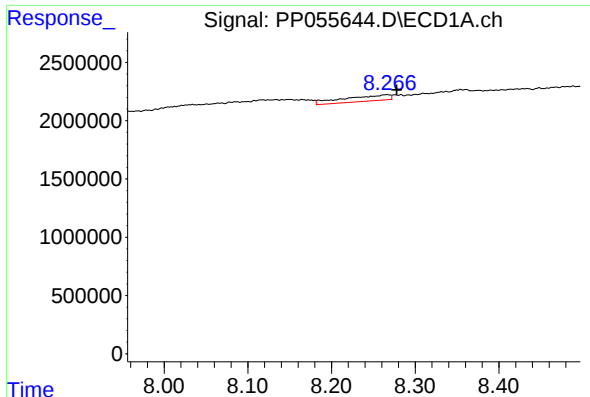
#34 AR-1260-4

R.T.: 7.979 min
Delta R.T.: 0.018 min
Response: 1250745
Conc: 12.88 ng/ml



#34 AR-1260-4

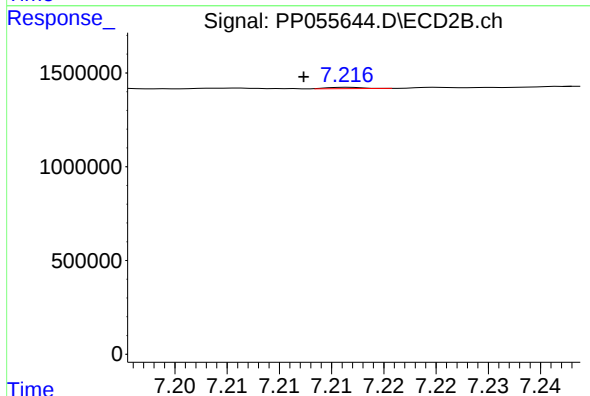
R.T.: 6.975 min
Delta R.T.: 0.006 min
Response: 83217
Conc: 1.16 ng/ml



#35 AR-1260-5

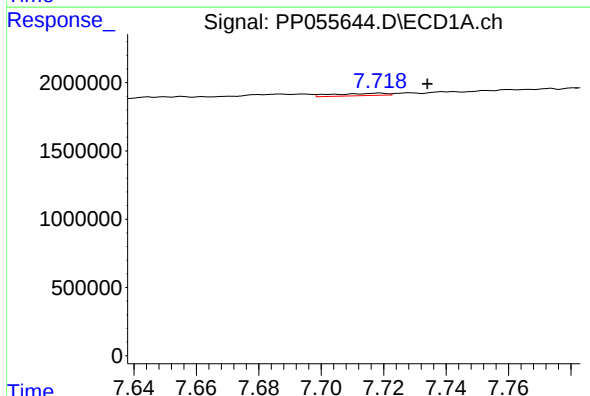
R.T.: 8.266 min
Delta R.T.: -0.012 min
Response: 1949178
Conc: 10.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



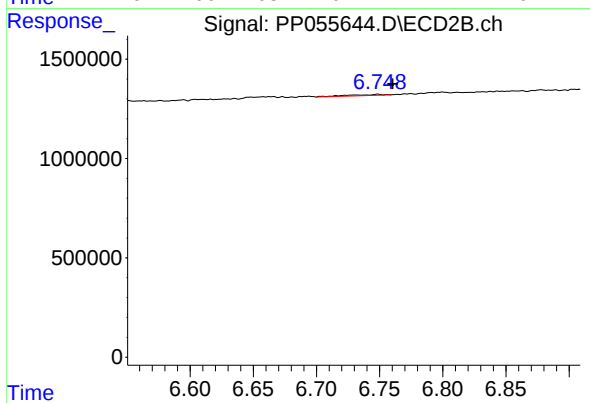
#35 AR-1260-5

R.T.: 7.217 min
Delta R.T.: 0.005 min
Response: 16290
Conc: 0.11 ng/ml



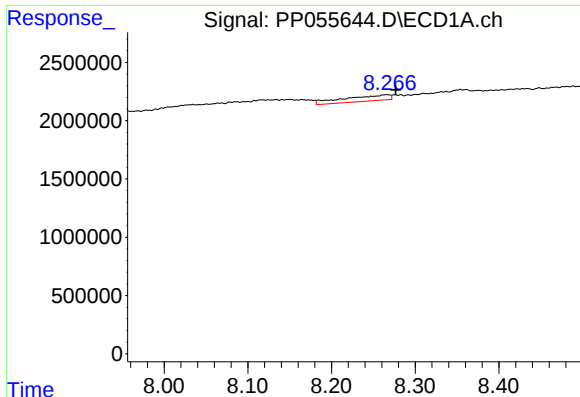
#36 AR-1262-1

R.T.: 7.718 min
Delta R.T.: -0.016 min
Response: 203889
Conc: 1.73 ng/ml



#36 AR-1262-1

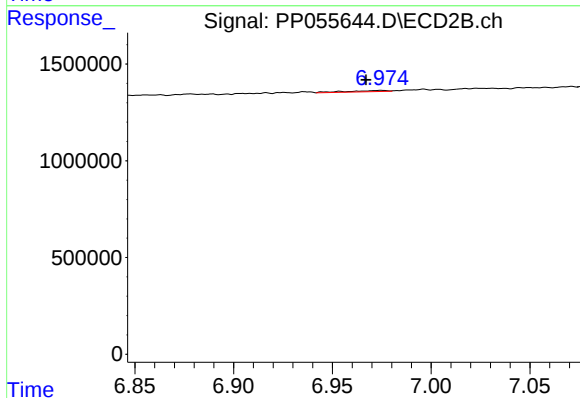
R.T.: 6.748 min
Delta R.T.: -0.012 min
Response: 104971
Conc: 2.44 ng/ml



#37 AR-1262-2

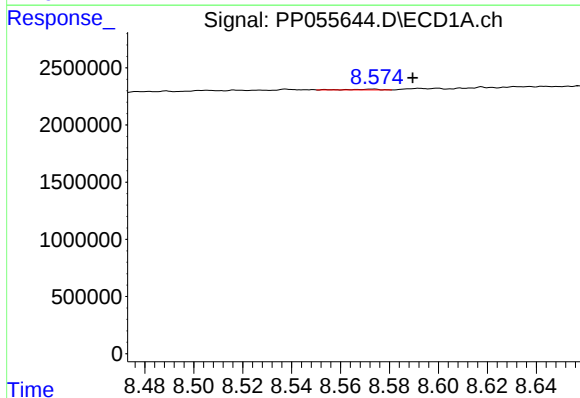
R.T.: 8.266 min
Delta R.T.: -0.011 min
Response: 1949178
Conc: 9.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



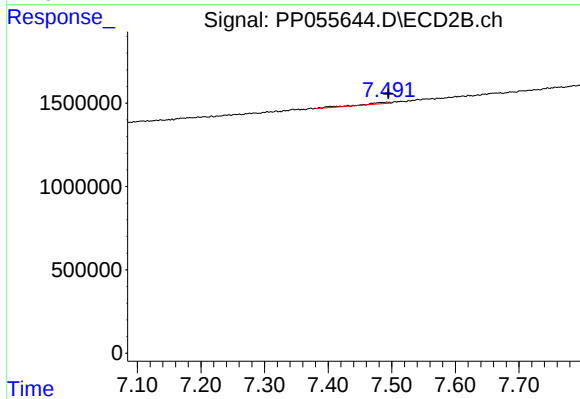
#37 AR-1262-2

R.T.: 6.975 min
Delta R.T.: 0.008 min
Response: 83217
Conc: 0.90 ng/ml



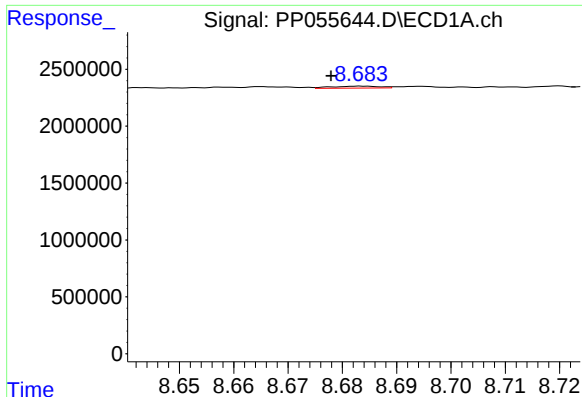
#38 AR-1262-3

R.T.: 8.573 min
Delta R.T.: -0.016 min
Response: 48628
Conc: 0.35 ng/ml



#38 AR-1262-3

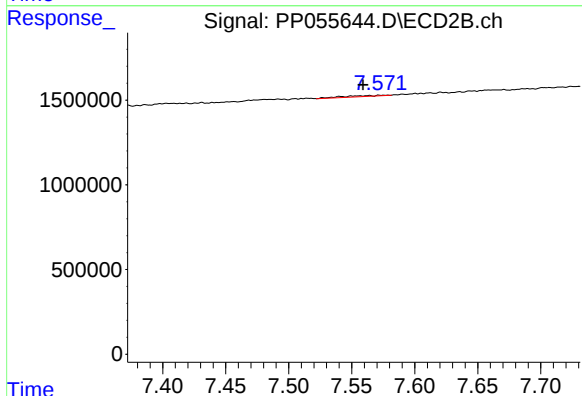
R.T.: 7.492 min
Delta R.T.: -0.003 min
Response: 273586
Conc: 3.75 ng/ml



#39 AR-1262-4

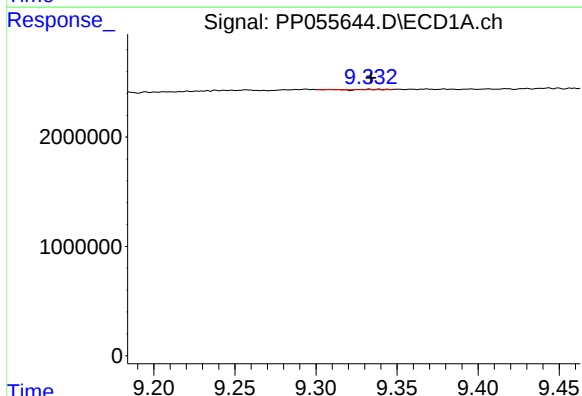
R.T.: 8.684 min
Delta R.T.: 0.006 min
Response: 108910
Conc: 1.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



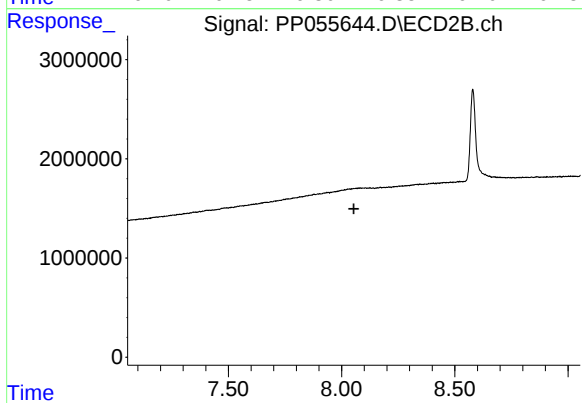
#39 AR-1262-4

R.T.: 7.564 min
Delta R.T.: 0.005 min
Response: 131092
Conc: 1.00 ng/ml



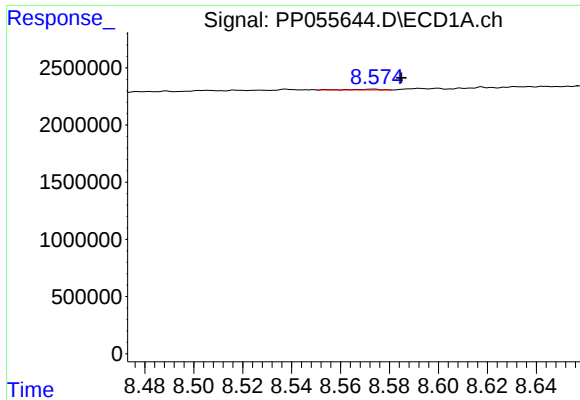
#40 AR-1262-5

R.T.: 9.333 min
Delta R.T.: -0.001 min
Response: 855
Conc: 0.01 ng/ml



#40 AR-1262-5

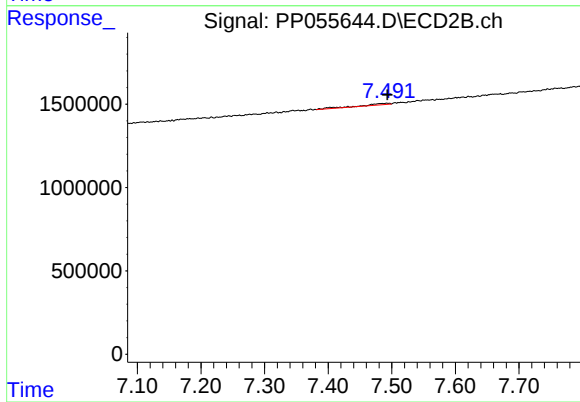
R.T.: 0.000 min
Exp R.T. : 8.054 min
Response: 0
Conc: N.D.



#41 AR-1268-1

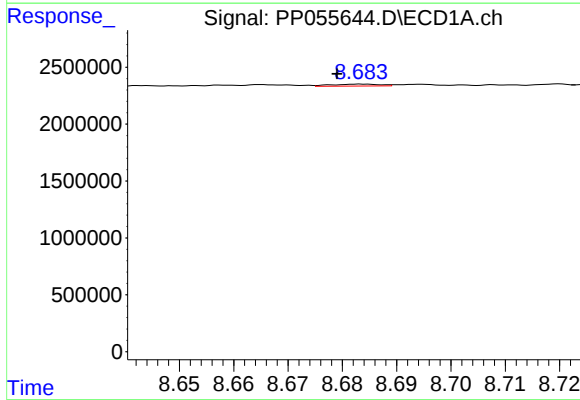
R.T.: 8.573 min
Delta R.T.: -0.012 min
Response: 48628
Conc: 0.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



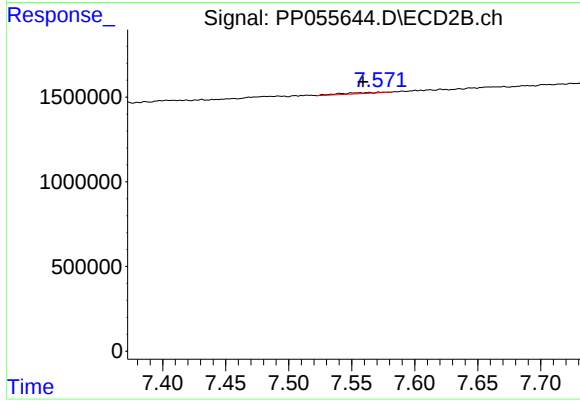
#41 AR-1268-1

R.T.: 7.492 min
Delta R.T.: -0.001 min
Response: 273586
Conc: 1.27 ng/ml



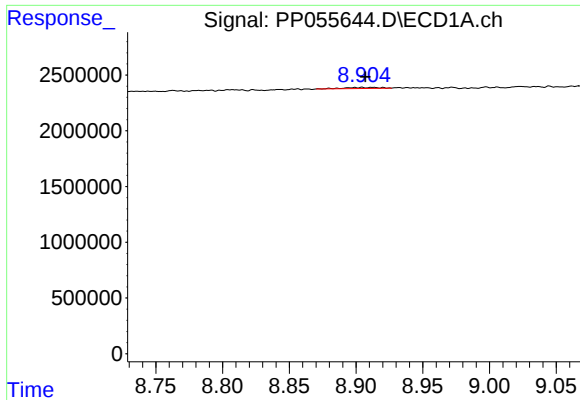
#42 AR-1268-2

R.T.: 8.684 min
Delta R.T.: 0.005 min
Response: 108910
Conc: 0.48 ng/ml



#42 AR-1268-2

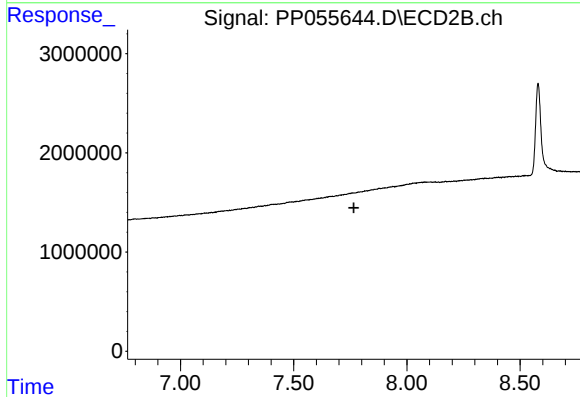
R.T.: 7.564 min
Delta R.T.: 0.005 min
Response: 131092
Conc: 0.67 ng/ml



#43 AR-1268-3

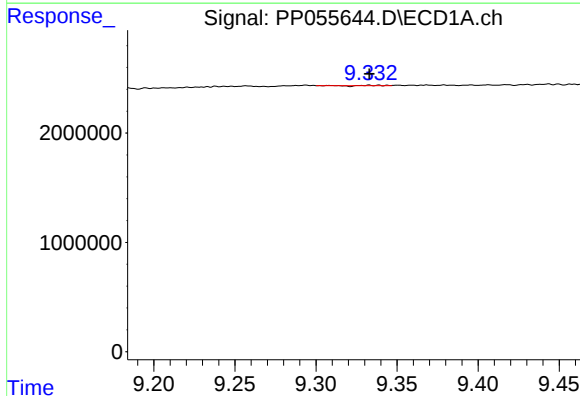
R.T.: 8.905 min
Delta R.T.: -0.003 min
Response: 193168
Conc: 0.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



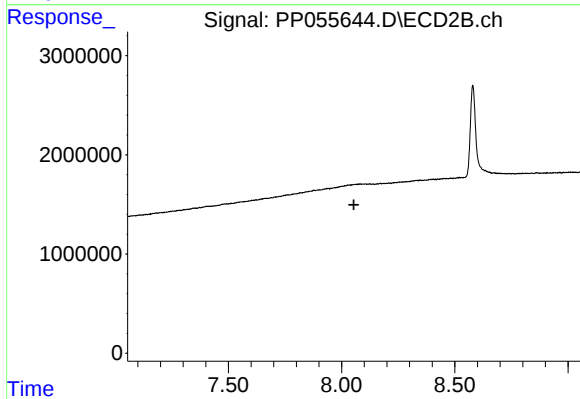
#43 AR-1268-3

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



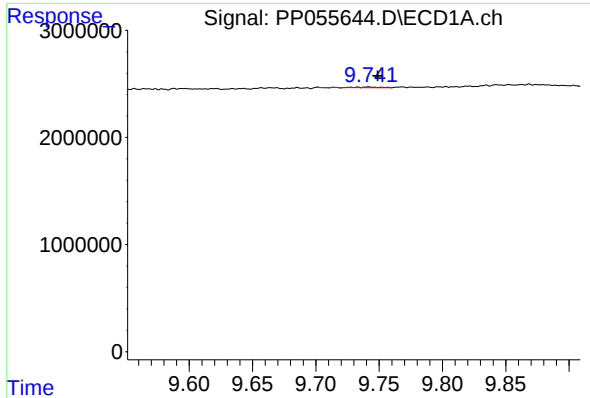
#44 AR-1268-4

R.T.: 9.333 min
Delta R.T.: 0.000 min
Response: 855
Conc: 0.01 ng/ml



#44 AR-1268-4

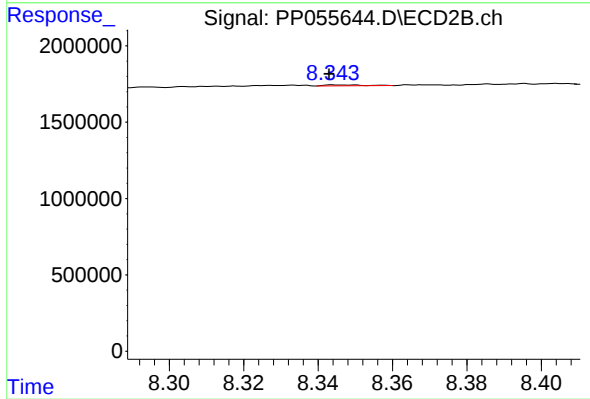
R.T.: 0.000 min
Exp R.T. : 8.054 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.742 min
Delta R.T.: -0.007 min
Response: 80920
Conc: 0.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.345 min
Delta R.T.: 0.002 min
Response: 44181
Conc: 0.08 ng/ml