

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021422\
 Data File : PP043696.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Feb 2022 18:59
 Operator : YP\AJ
 Sample : N1521-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 15 00:38:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021022.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 11 04:48:05 2022
 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...	3.918	3.174	45474438	41843368	20.567	22.278
2)	SA Decachlor...	10.068	8.552	23693983	32225487	19.946	19.863
Target Compounds							
3)	L1 AR-1016-1	5.180	4.324	62765	36070	0.865	0.589 #
4)	L1 AR-1016-2	5.205	4.342	129688	212590	1.230	2.516 #
5)	L1 AR-1016-3	5.270	4.521	138345	60304	2.101	1.291 #
6)	L1 AR-1016-4	5.366	4.568	74414	49231	1.372	1.317
7)	L1 AR-1016-5	5.696	4.803	320437	18276	6.100	0.400 #
8)	L2 AR-1221-1	4.138	3.405	4332242	16910	170.163	0.709 #
9)	L2 AR-1221-2	4.245	3.469f	1030176	5271121	53.660	291.866 #
10)	L2 AR-1221-3	4.321	3.564	44498	340728	0.775	6.605 #
11)	L3 AR-1232-1	4.321	3.564	44498	340728	0.917	7.919 #
12)	L3 AR-1232-2	4.860f	4.342	948188	212590	40.013	5.955 #
13)	L3 AR-1232-3	5.205	4.521	129688	60304	3.012	3.084
14)	L3 AR-1232-4	5.366	4.618	74414	25069	3.409	1.450 #
15)	L3 AR-1232-5	5.452f	4.803	229157	18276	14.208	0.973 #
16)	L4 AR-1242-1	5.180	4.324	62765	36070	1.117	0.740 #
17)	L4 AR-1242-2	5.189	4.342	107694	212590	1.302	3.157 #
18)	L4 AR-1242-3	5.270	4.521	138345	60304	2.673	1.606 #
19)	L4 AR-1242-4	5.366	4.618	74414	25069	1.742	0.694 #
20)	L4 AR-1242-5	6.172	5.178	253855	173184	5.879	4.023 #
21)	L5 AR-1248-1	5.180	4.324	62765	36070	1.531	0.968 #
22)	L5 AR-1248-2	5.452f	4.568	229157	49231	4.034	1.006 #
23)	L5 AR-1248-3	5.696	4.618	320437	25069	4.803	0.489 #
24)	L5 AR-1248-4	6.149f	4.803	154709	18276	2.214	0.312 #
25)	L5 AR-1248-5	6.172	5.219	253855	160234	3.672	2.797
26)	L6 AR-1254-1	6.101	5.178	230034	173184	3.045	1.983 #
27)	L6 AR-1254-2	6.347	5.341	381783	29703	3.404	0.389 #
28)	L6 AR-1254-3	6.744	5.773	319570	53754	2.762	0.439 #
29)	L6 AR-1254-4	7.061	6.022	120109	10828	1.504	0.137 #
30)	L6 AR-1254-5	0.000	6.477	0	15427	N.D.	0.133 #
31)	L7 AR-1260-1	6.948f	5.908	580896	76570	6.937	0.957 #
32)	L7 AR-1260-2	0.000	6.123	0	97466	N.D.	0.998 #
33)	L7 AR-1260-3	7.601	6.277	135391	106663	1.868	1.168 #
34)	L7 AR-1260-4	7.844	6.791	621252	222757	7.236	2.753 #
35)	L7 AR-1260-5	0.000	7.067	0	11832	N.D.	0.064 #
36)	L8 AR-1262-1	7.601	6.514	135391	16270	1.371	0.148 #
37)	L8 AR-1262-2	0.000	6.791	0	222757	N.D.	2.184 #
38)	L8 AR-1262-3	0.000	7.376	0	265793	N.D.	3.119 #
39)	L8 AR-1262-4	8.595f	7.436	293990	55809	6.130	0.359 #
40)	L8 AR-1262-5	9.296	7.984	124516	23151	2.236	0.298 #
41)	L9 AR-1268-1	0.000	7.376	0	265793	N.D.	1.049 #

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 Misc :
 ALS Vial : 21 Sample Multiplier: 1

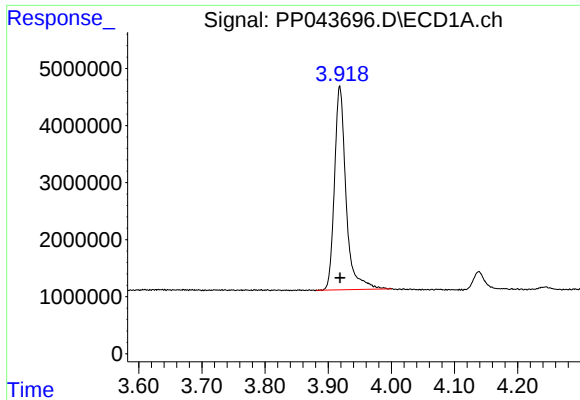
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 15 00:38:56 2022
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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
42) L9	AR-1268-2	8.595f	7.436	293990	55809	1.680	0.247 #
43) L9	AR-1268-3	8.851	7.662	136552	85978	0.885	0.442 #
44) L9	AR-1268-4	9.296	7.984	124516	23151	1.990	0.257 #
45) L9	AR-1268-5	9.721	8.284	350752	252890	0.772	0.421 #

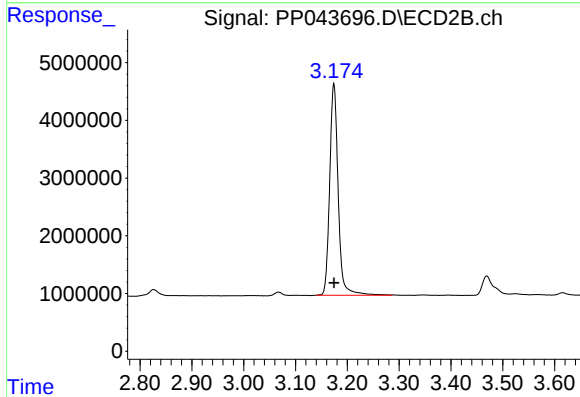
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

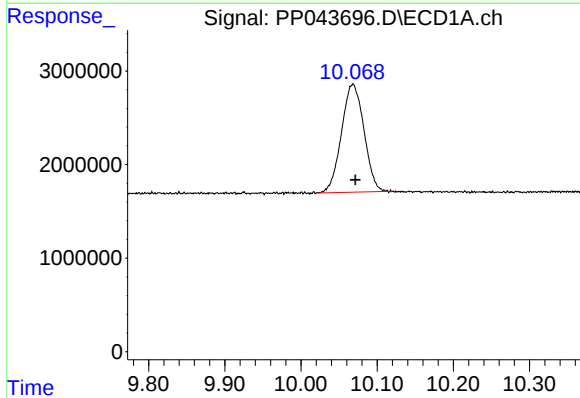
R.T.: 3.918 min
Delta R.T.: 0.000 min
Response: 45474438
Conc: 20.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



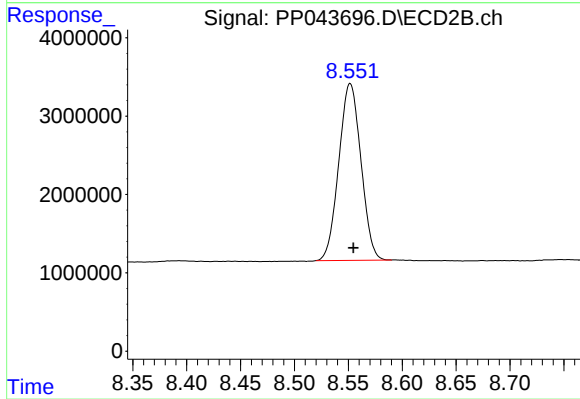
#1 Tetrachloro-m-xylene

R.T.: 3.174 min
Delta R.T.: 0.000 min
Response: 41843368
Conc: 22.28 ng/ml



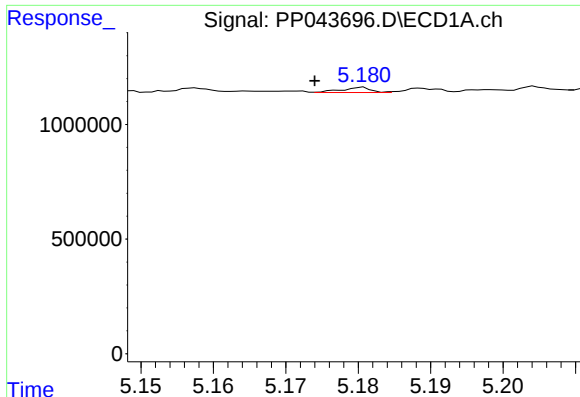
#2 Decachlorobiphenyl

R.T.: 10.068 min
Delta R.T.: -0.003 min
Response: 23693983
Conc: 19.95 ng/ml



#2 Decachlorobiphenyl

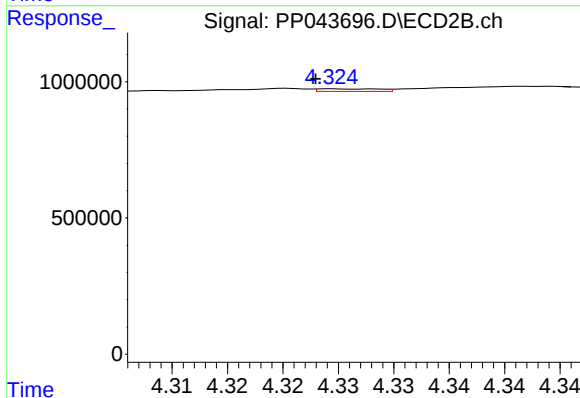
R.T.: 8.552 min
Delta R.T.: -0.003 min
Response: 32225487
Conc: 19.86 ng/ml



#3 AR-1016-1

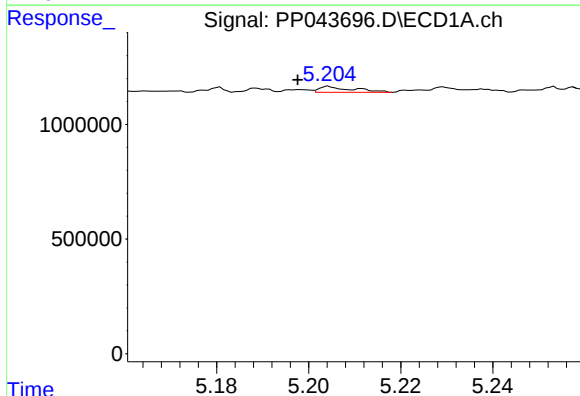
R.T.: 5.180 min
Delta R.T.: 0.006 min
Response: 62765
Conc: 0.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



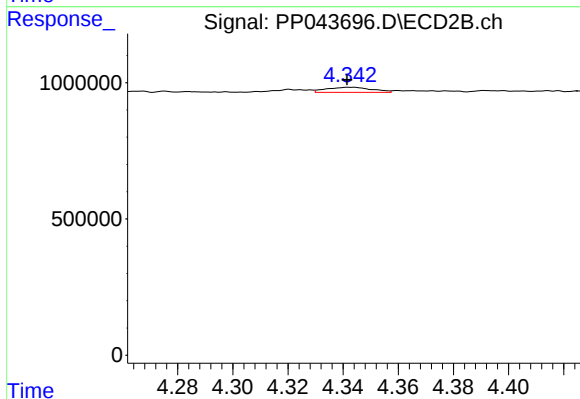
#3 AR-1016-1

R.T.: 4.324 min
Delta R.T.: 0.001 min
Response: 36070
Conc: 0.59 ng/ml



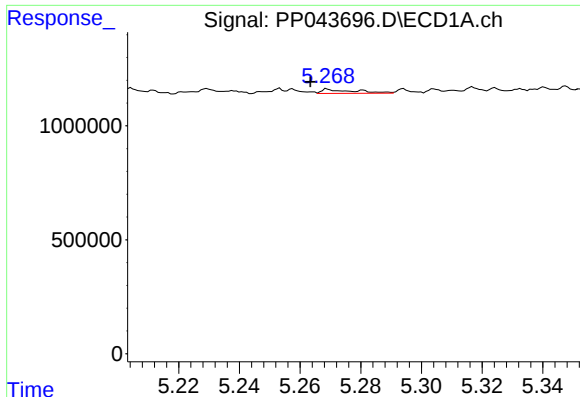
#4 AR-1016-2

R.T.: 5.205 min
Delta R.T.: 0.007 min
Response: 129688
Conc: 1.23 ng/ml



#4 AR-1016-2

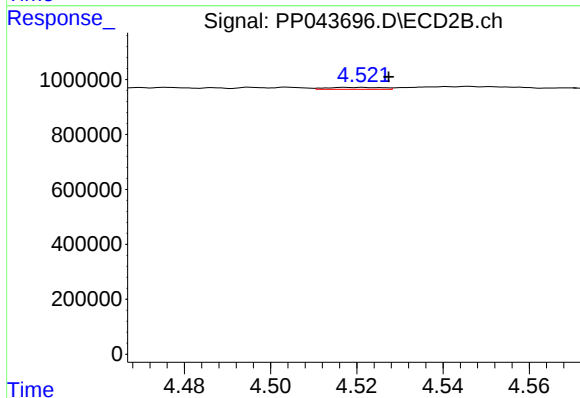
R.T.: 4.342 min
Delta R.T.: 0.000 min
Response: 212590
Conc: 2.52 ng/ml



#5 AR-1016-3

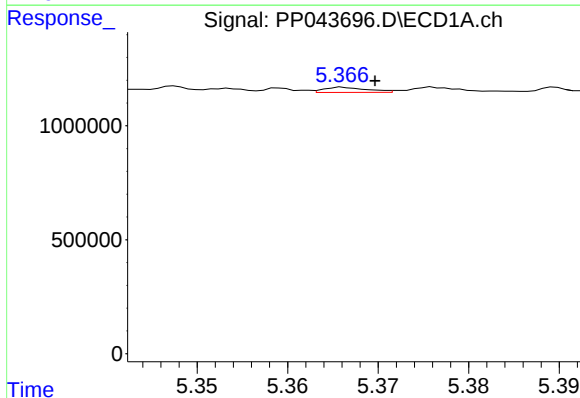
R.T.: 5.270 min
Delta R.T.: 0.006 min
Response: 138345
Conc: 2.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



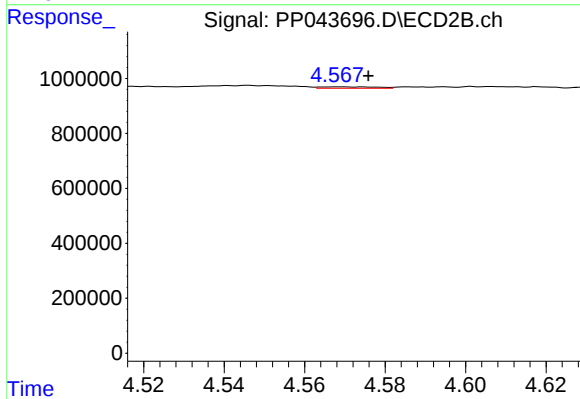
#5 AR-1016-3

R.T.: 4.521 min
Delta R.T.: -0.006 min
Response: 60304
Conc: 1.29 ng/ml



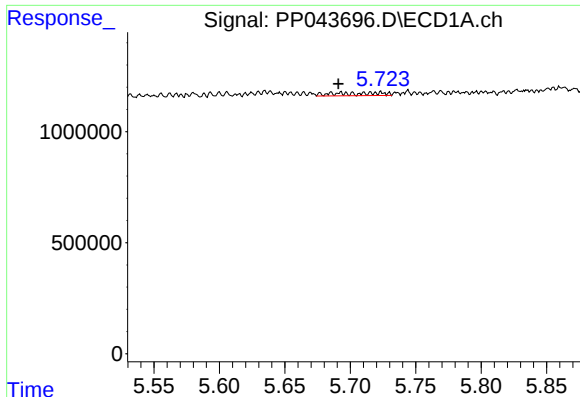
#6 AR-1016-4

R.T.: 5.366 min
Delta R.T.: -0.003 min
Response: 74414
Conc: 1.37 ng/ml



#6 AR-1016-4

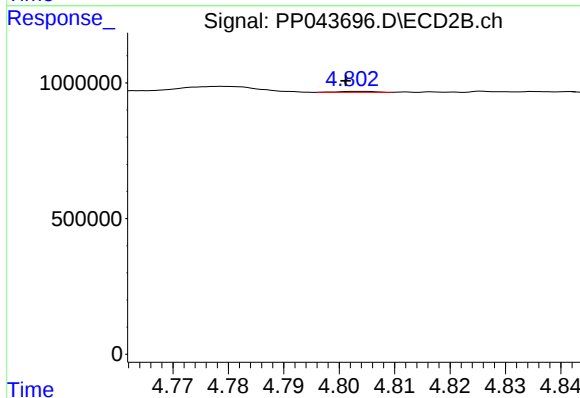
R.T.: 4.568 min
Delta R.T.: -0.008 min
Response: 49231
Conc: 1.32 ng/ml



#7 AR-1016-5

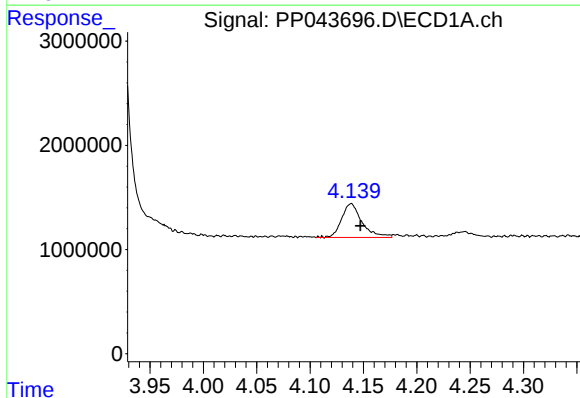
R.T.: 5.696 min
Delta R.T.: 0.005 min
Response: 320437
Conc: 6.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



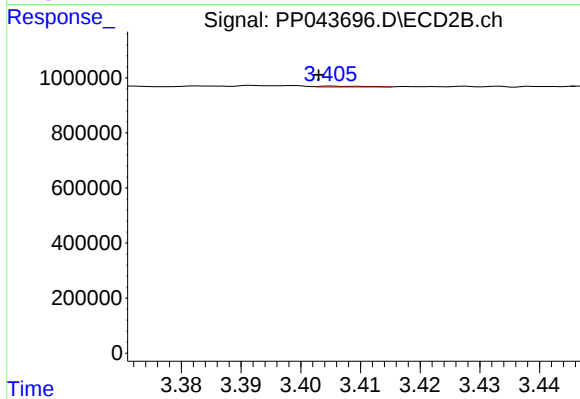
#7 AR-1016-5

R.T.: 4.803 min
Delta R.T.: 0.002 min
Response: 18276
Conc: 0.40 ng/ml



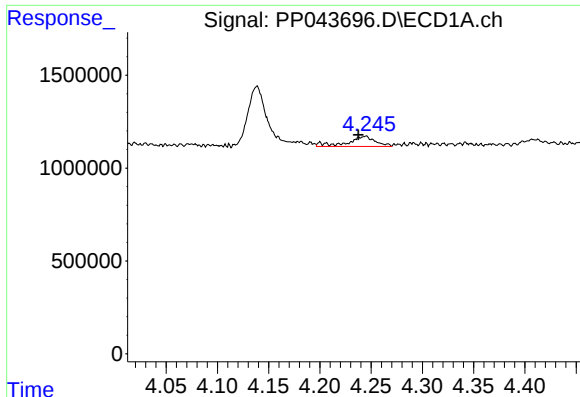
#8 AR-1221-1

R.T.: 4.138 min
Delta R.T.: -0.009 min
Response: 4332242
Conc: 170.16 ng/ml



#8 AR-1221-1

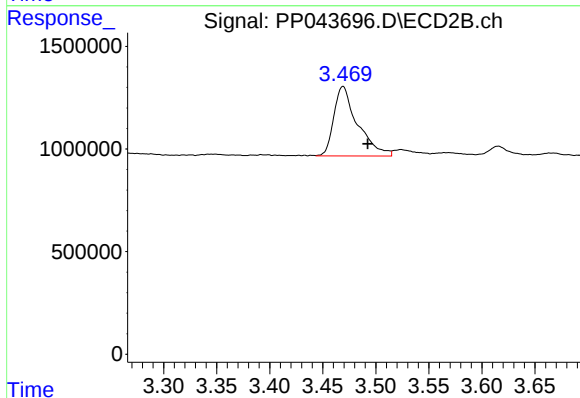
R.T.: 3.405 min
Delta R.T.: 0.002 min
Response: 16910
Conc: 0.71 ng/ml



#9 AR-1221-2

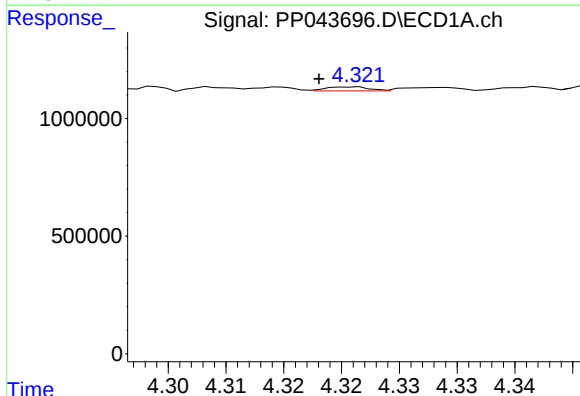
R.T.: 4.245 min
Delta R.T.: 0.007 min
Response: 1030176
Conc: 53.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



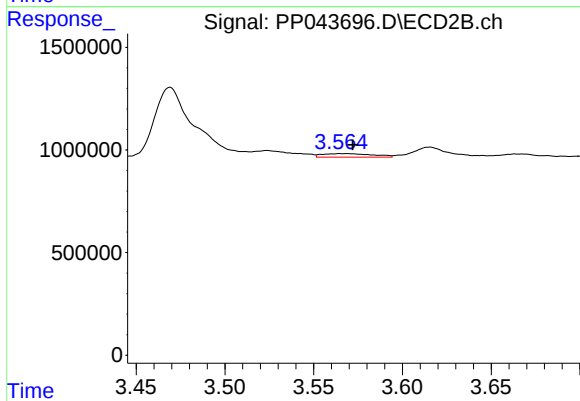
#9 AR-1221-2

R.T.: 3.469 min
Delta R.T.: -0.023 min
Response: 5271121
Conc: 291.87 ng/ml



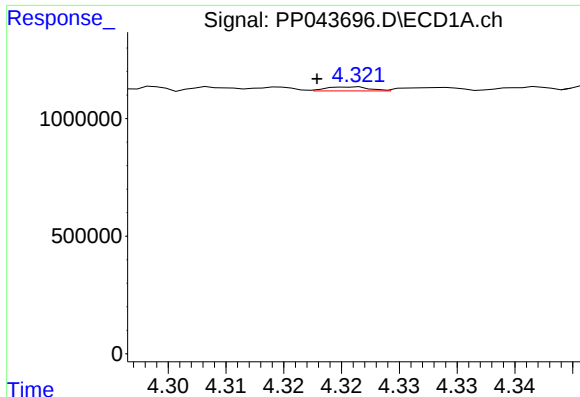
#10 AR-1221-3

R.T.: 4.321 min
Delta R.T.: 0.003 min
Response: 44498
Conc: 0.77 ng/ml



#10 AR-1221-3

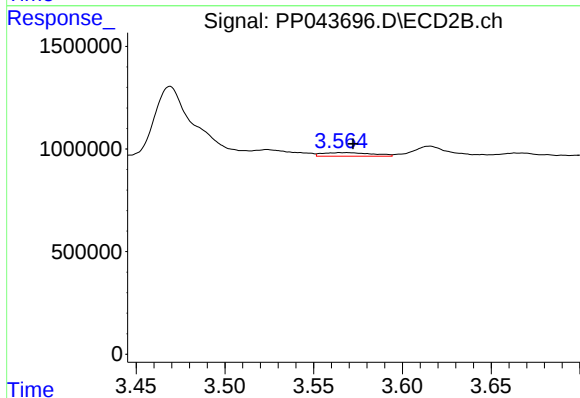
R.T.: 3.564 min
Delta R.T.: -0.008 min
Response: 340728
Conc: 6.60 ng/ml



#11 AR-1232-1

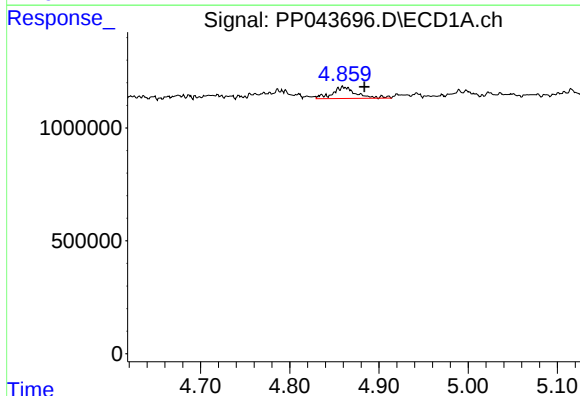
R.T.: 4.321 min
Delta R.T.: 0.003 min
Response: 44498
Conc: 0.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



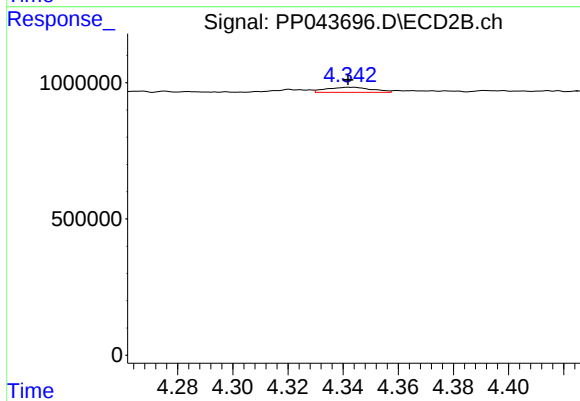
#11 AR-1232-1

R.T.: 3.564 min
Delta R.T.: -0.008 min
Response: 340728
Conc: 7.92 ng/ml



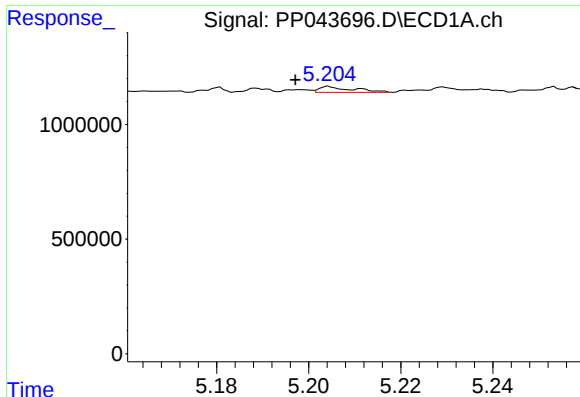
#12 AR-1232-2

R.T.: 4.860 min
Delta R.T.: -0.024 min
Response: 948188
Conc: 40.01 ng/ml



#12 AR-1232-2

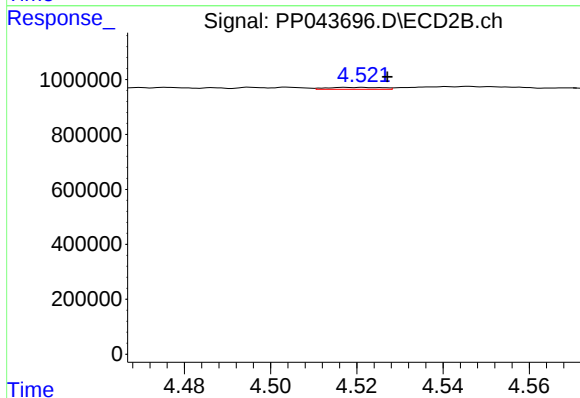
R.T.: 4.342 min
Delta R.T.: 0.000 min
Response: 212590
Conc: 5.96 ng/ml



#13 AR-1232-3

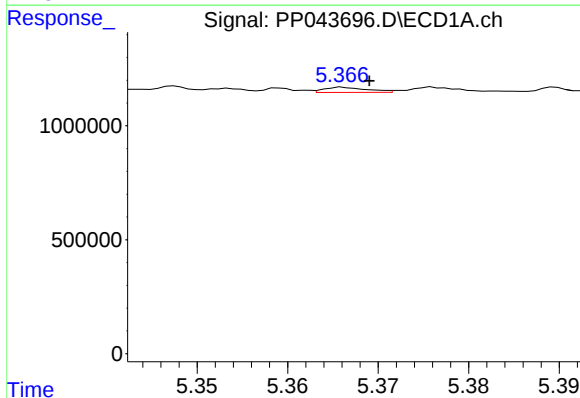
R.T.: 5.205 min
Delta R.T.: 0.008 min
Response: 129688
Conc: 3.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



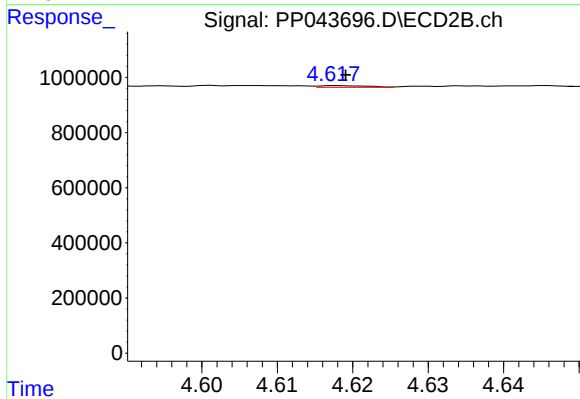
#13 AR-1232-3

R.T.: 4.521 min
Delta R.T.: -0.006 min
Response: 60304
Conc: 3.08 ng/ml



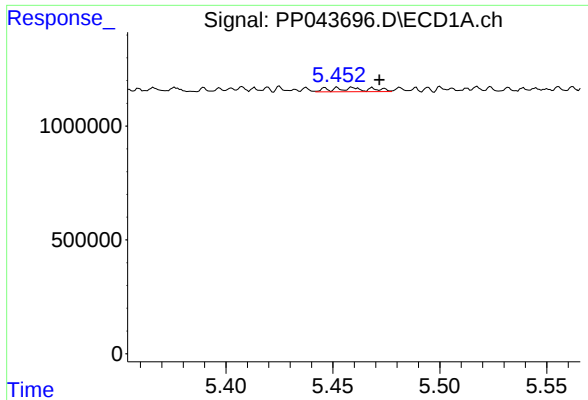
#14 AR-1232-4

R.T.: 5.366 min
Delta R.T.: -0.003 min
Response: 74414
Conc: 3.41 ng/ml



#14 AR-1232-4

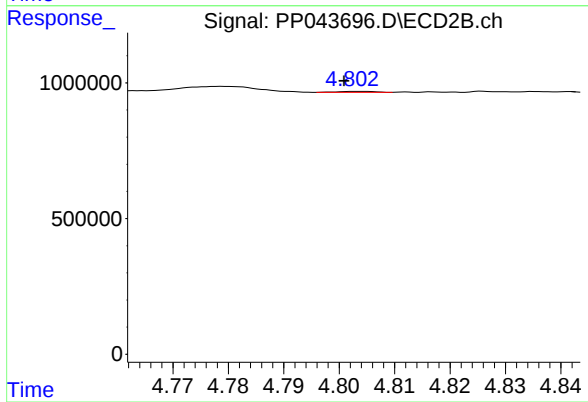
R.T.: 4.618 min
Delta R.T.: -0.001 min
Response: 25069
Conc: 1.45 ng/ml



#15 AR-1232-5

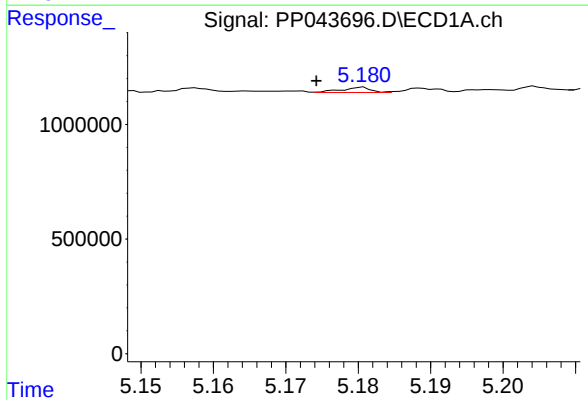
R.T.: 5.452 min
Delta R.T.: -0.019 min
Response: 229157
Conc: 14.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



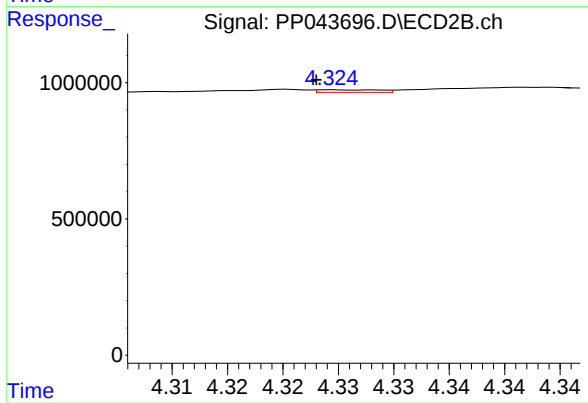
#15 AR-1232-5

R.T.: 4.803 min
Delta R.T.: 0.002 min
Response: 18276
Conc: 0.97 ng/ml



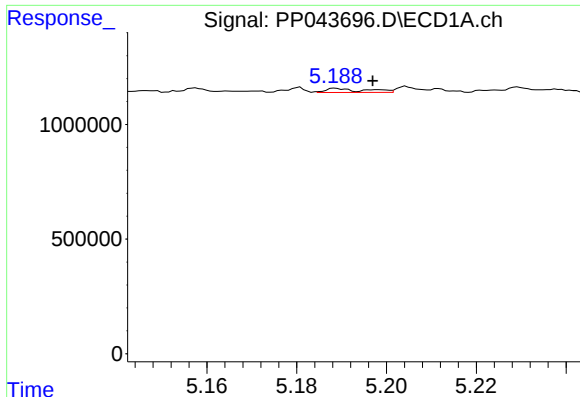
#16 AR-1242-1

R.T.: 5.180 min
Delta R.T.: 0.006 min
Response: 62765
Conc: 1.12 ng/ml



#16 AR-1242-1

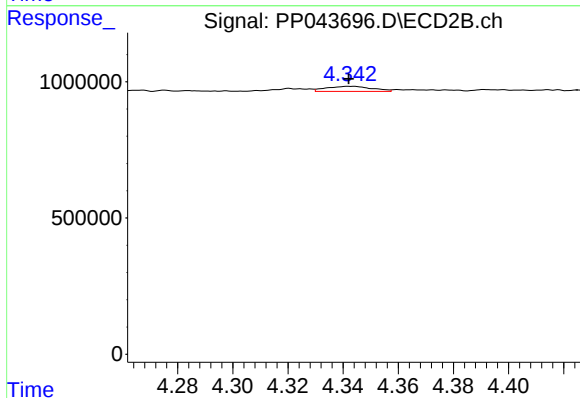
R.T.: 4.324 min
Delta R.T.: 0.001 min
Response: 36070
Conc: 0.74 ng/ml



#17 AR-1242-2

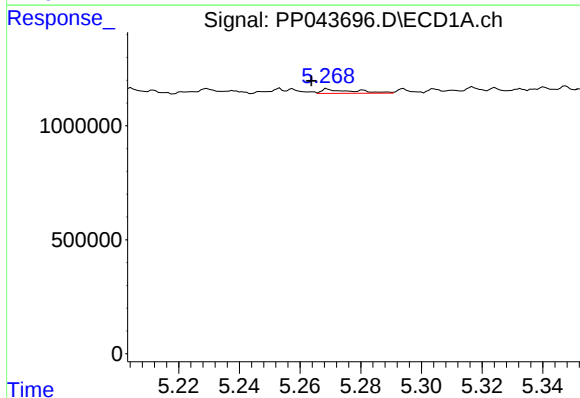
R.T.: 5.189 min
Delta R.T.: -0.008 min
Response: 107694
Conc: 1.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



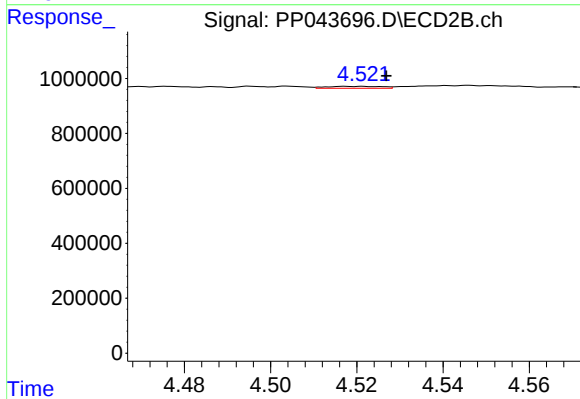
#17 AR-1242-2

R.T.: 4.342 min
Delta R.T.: 0.000 min
Response: 212590
Conc: 3.16 ng/ml



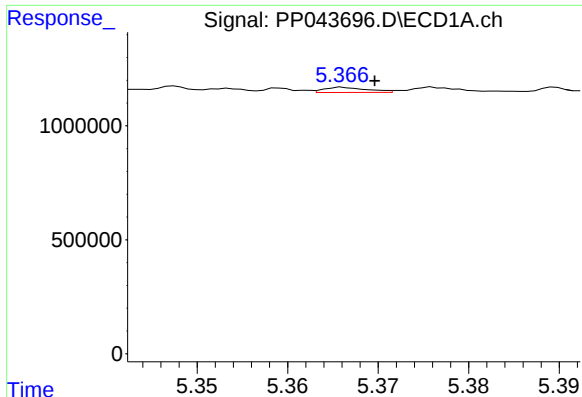
#18 AR-1242-3

R.T.: 5.270 min
Delta R.T.: 0.006 min
Response: 138345
Conc: 2.67 ng/ml



#18 AR-1242-3

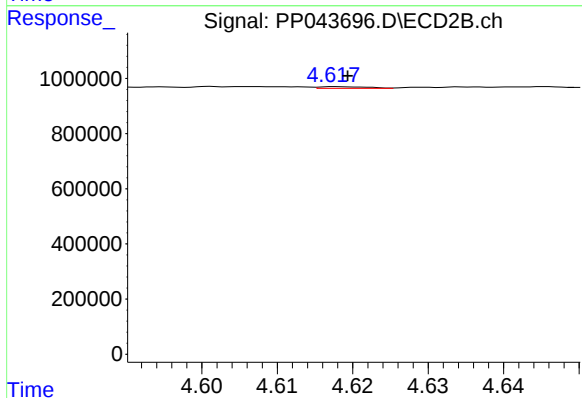
R.T.: 4.521 min
Delta R.T.: -0.006 min
Response: 60304
Conc: 1.61 ng/ml



#19 AR-1242-4

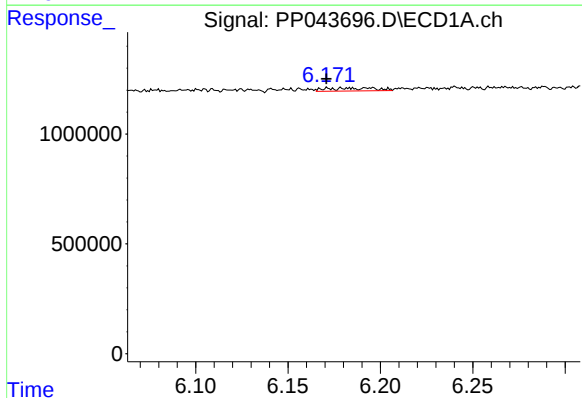
R.T.: 5.366 min
Delta R.T.: -0.003 min
Response: 74414
Conc: 1.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



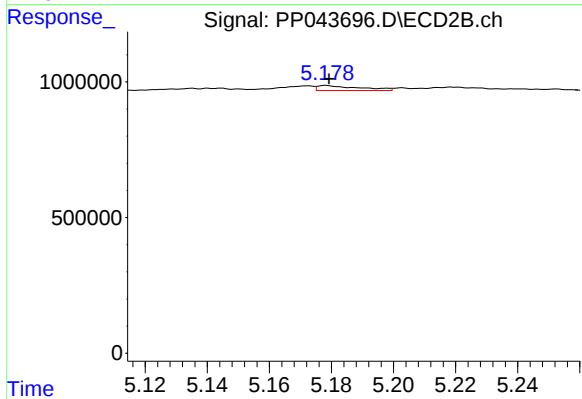
#19 AR-1242-4

R.T.: 4.618 min
Delta R.T.: -0.002 min
Response: 25069
Conc: 0.69 ng/ml



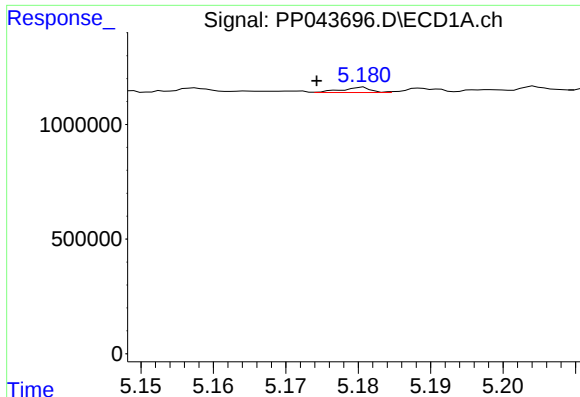
#20 AR-1242-5

R.T.: 6.172 min
Delta R.T.: 0.000 min
Response: 253855
Conc: 5.88 ng/ml



#20 AR-1242-5

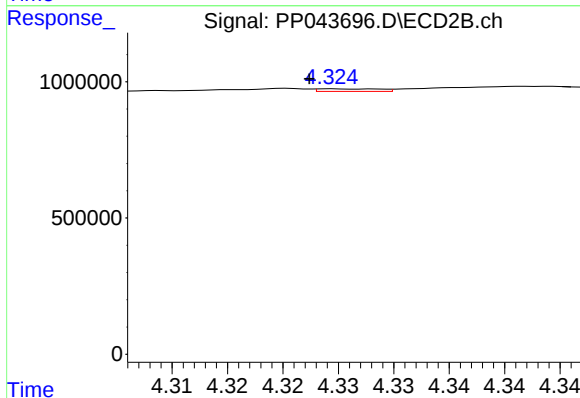
R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 173184
Conc: 4.02 ng/ml



#21 AR-1248-1

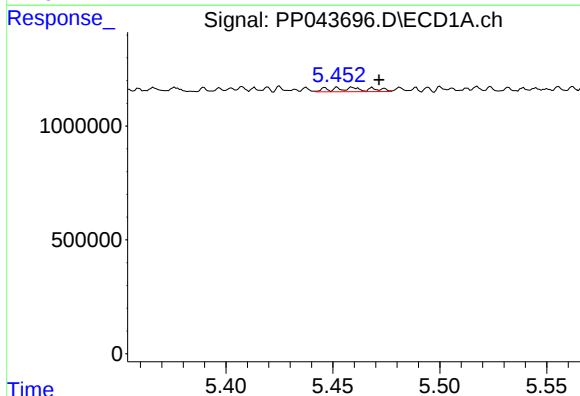
R.T.: 5.180 min
Delta R.T.: 0.006 min
Response: 62765
Conc: 1.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



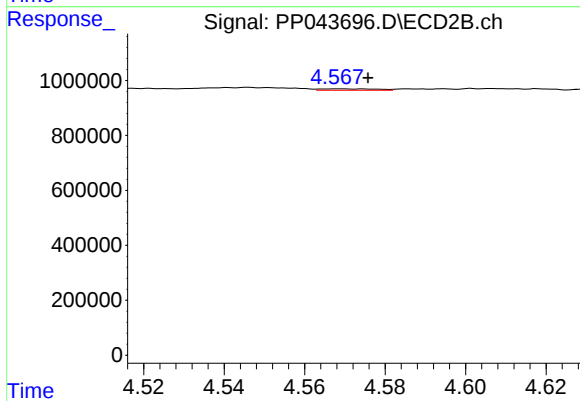
#21 AR-1248-1

R.T.: 4.324 min
Delta R.T.: 0.002 min
Response: 36070
Conc: 0.97 ng/ml



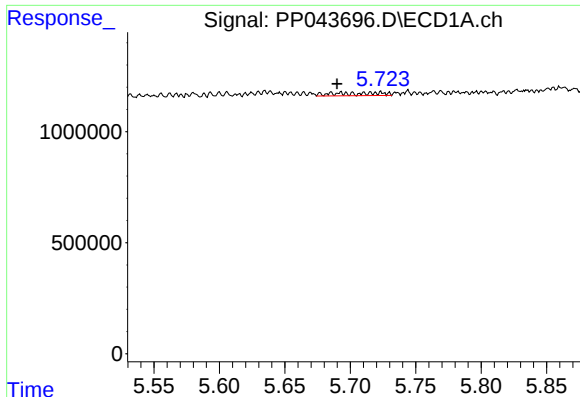
#22 AR-1248-2

R.T.: 5.452 min
Delta R.T.: -0.019 min
Response: 229157
Conc: 4.03 ng/ml



#22 AR-1248-2

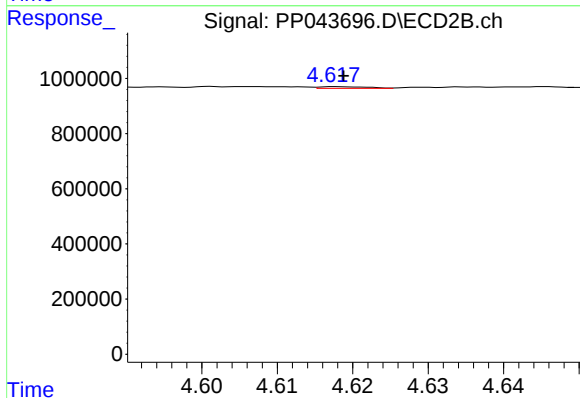
R.T.: 4.568 min
Delta R.T.: -0.008 min
Response: 49231
Conc: 1.01 ng/ml



#23 AR-1248-3

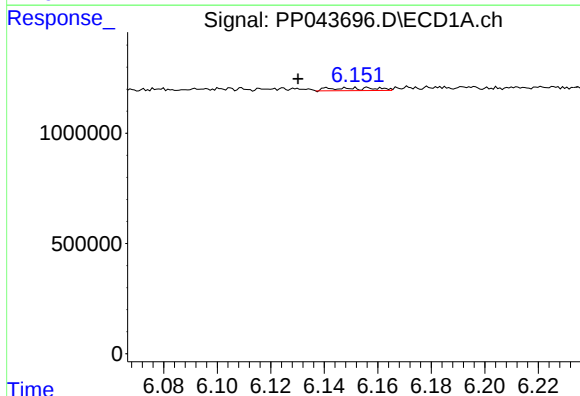
R.T.: 5.696 min
Delta R.T.: 0.006 min
Response: 320437
Conc: 4.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



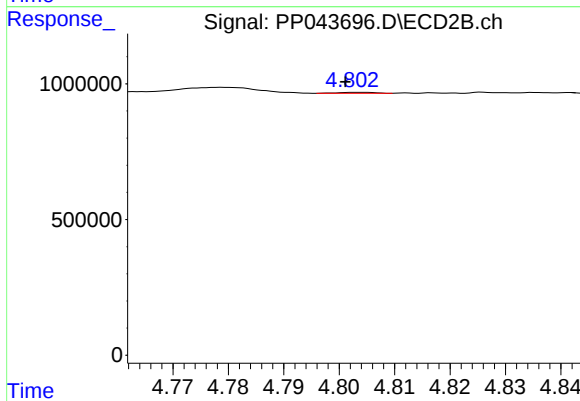
#23 AR-1248-3

R.T.: 4.618 min
Delta R.T.: 0.000 min
Response: 25069
Conc: 0.49 ng/ml



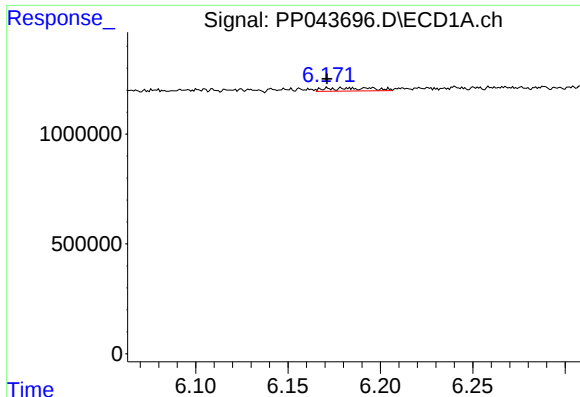
#24 AR-1248-4

R.T.: 6.149 min
Delta R.T.: 0.019 min
Response: 154709
Conc: 2.21 ng/ml



#24 AR-1248-4

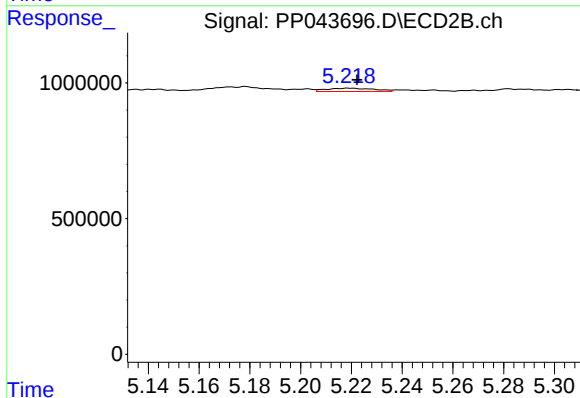
R.T.: 4.803 min
Delta R.T.: 0.002 min
Response: 18276
Conc: 0.31 ng/ml



#25 AR-1248-5

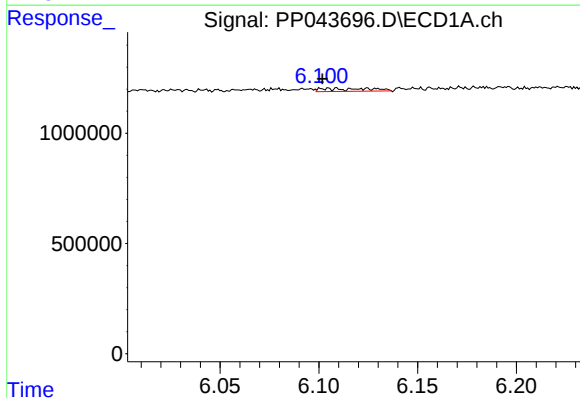
R.T.: 6.172 min
Delta R.T.: 0.000 min
Response: 253855
Conc: 3.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



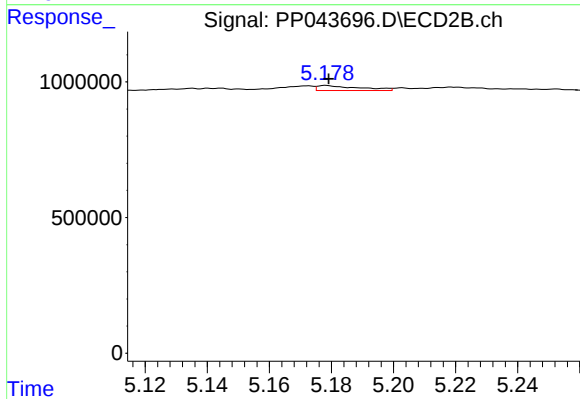
#25 AR-1248-5

R.T.: 5.219 min
Delta R.T.: -0.004 min
Response: 160234
Conc: 2.80 ng/ml



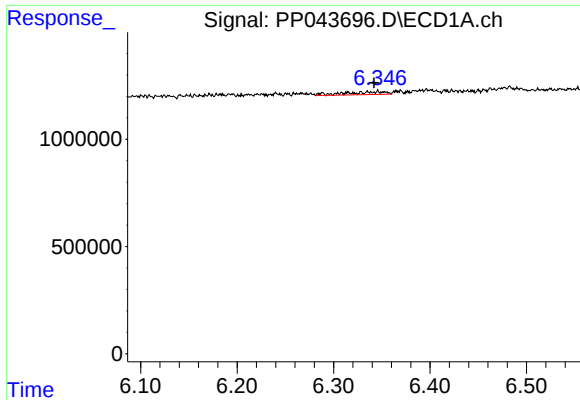
#26 AR-1254-1

R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 230034
Conc: 3.04 ng/ml



#26 AR-1254-1

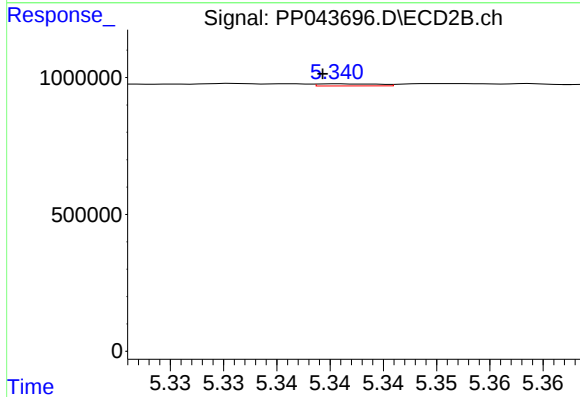
R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 173184
Conc: 1.98 ng/ml



#27 AR-1254-2

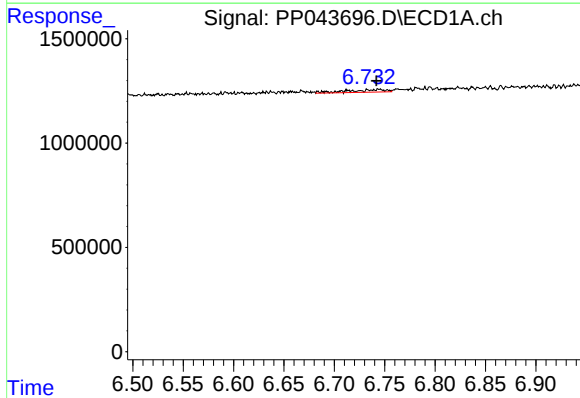
R.T.: 6.347 min
Delta R.T.: 0.005 min
Response: 381783
Conc: 3.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



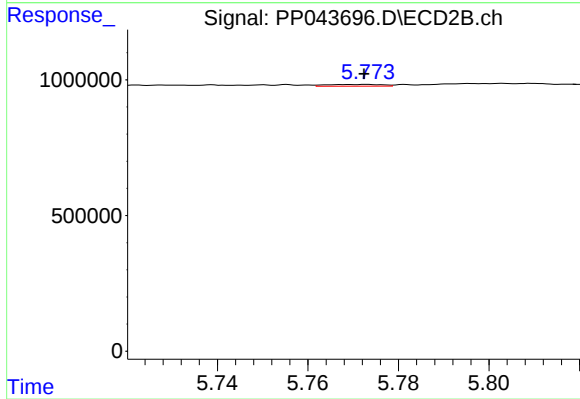
#27 AR-1254-2

R.T.: 5.341 min
Delta R.T.: 0.001 min
Response: 29703
Conc: 0.39 ng/ml



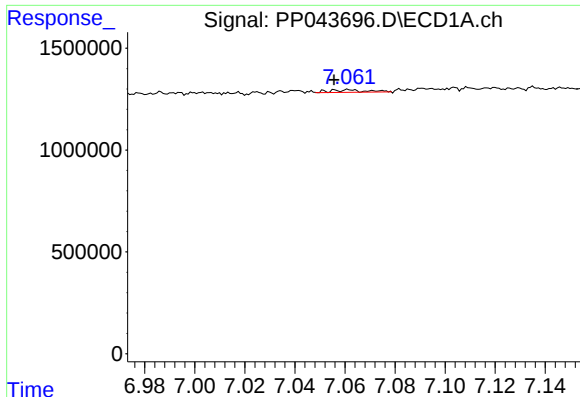
#28 AR-1254-3

R.T.: 6.744 min
Delta R.T.: 0.002 min
Response: 319570
Conc: 2.76 ng/ml



#28 AR-1254-3

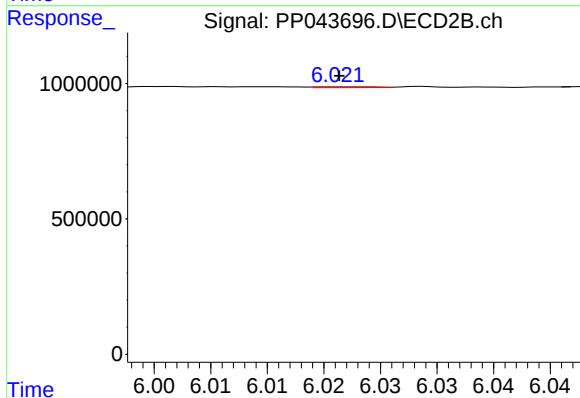
R.T.: 5.773 min
Delta R.T.: 0.000 min
Response: 53754
Conc: 0.44 ng/ml



#29 AR-1254-4

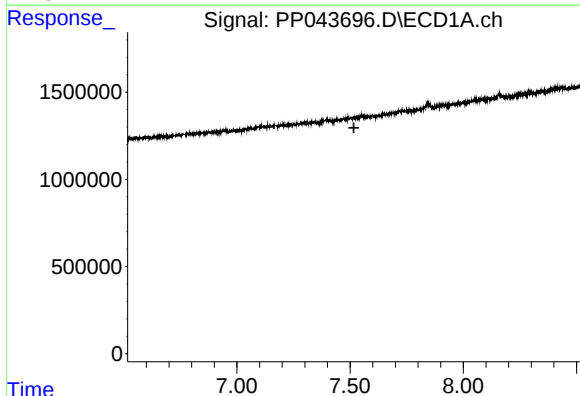
R.T.: 7.061 min
Delta R.T.: 0.005 min
Response: 120109
Conc: 1.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



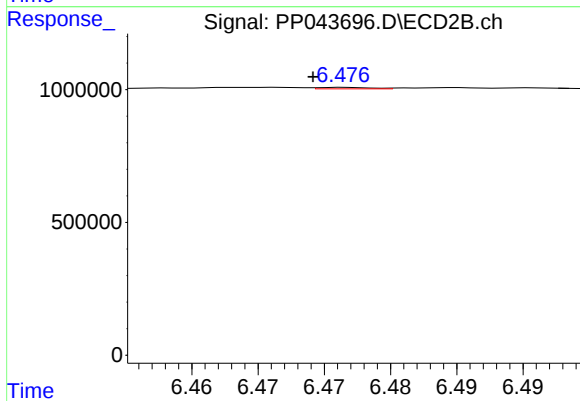
#29 AR-1254-4

R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 10828
Conc: 0.14 ng/ml



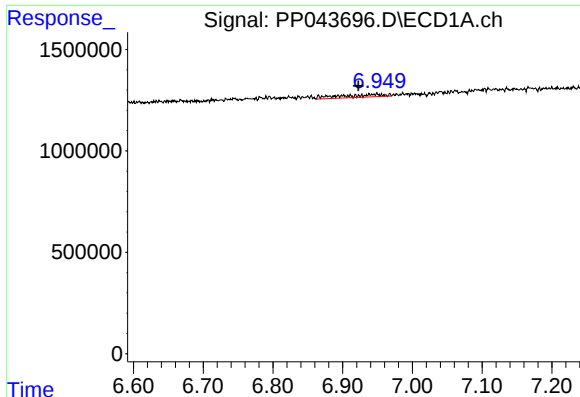
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.517 min
Response: 0
Conc: N.D.



#30 AR-1254-5

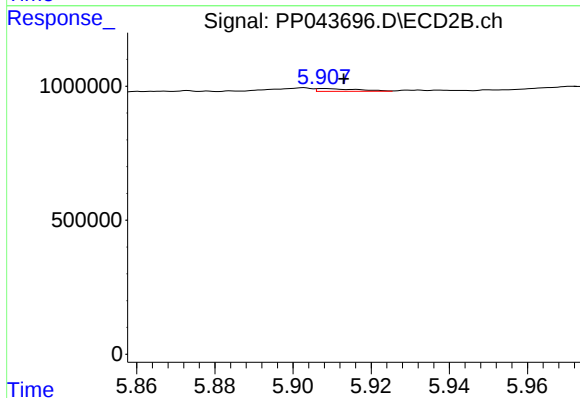
R.T.: 6.477 min
Delta R.T.: 0.002 min
Response: 15427
Conc: 0.13 ng/ml



#31 AR-1260-1

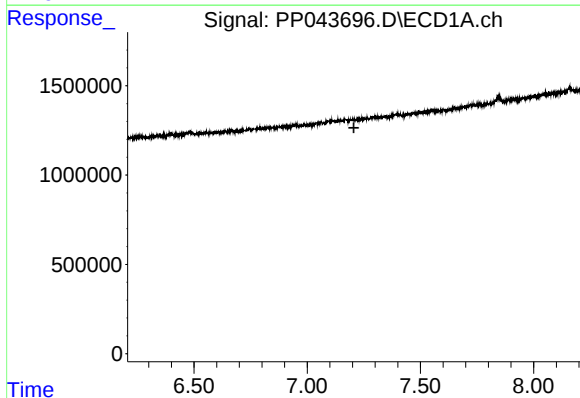
R.T.: 6.948 min
Delta R.T.: 0.026 min
Response: 580896
Conc: 6.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



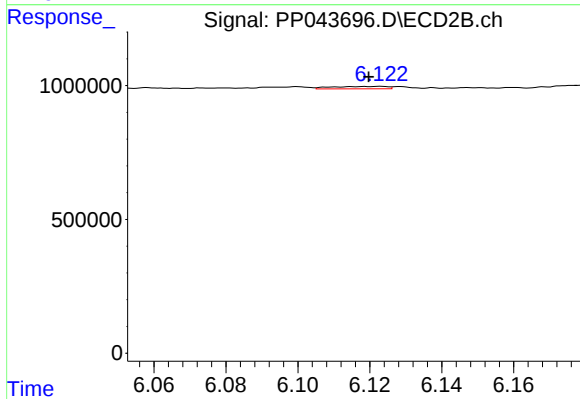
#31 AR-1260-1

R.T.: 5.908 min
Delta R.T.: -0.005 min
Response: 76570
Conc: 0.96 ng/ml



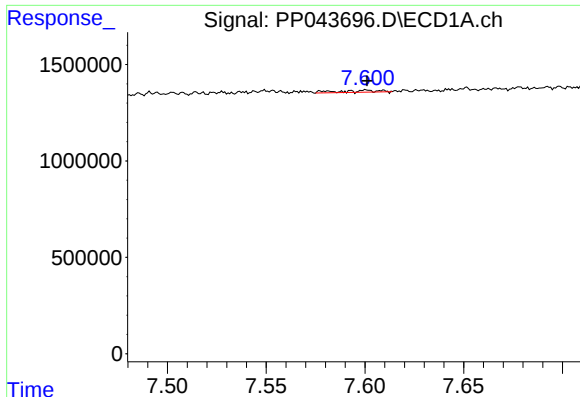
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 7.206 min
Response: 0
Conc: N.D.



#32 AR-1260-2

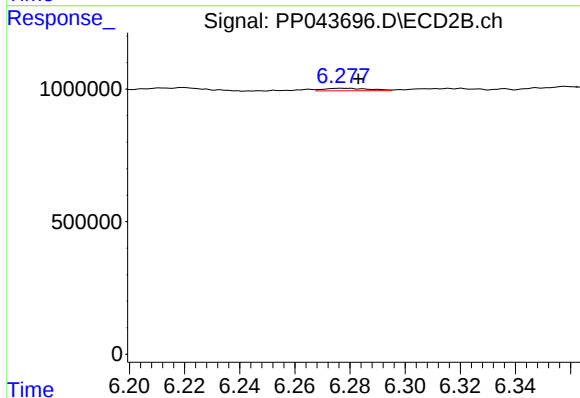
R.T.: 6.123 min
Delta R.T.: 0.003 min
Response: 97466
Conc: 1.00 ng/ml



#33 AR-1260-3

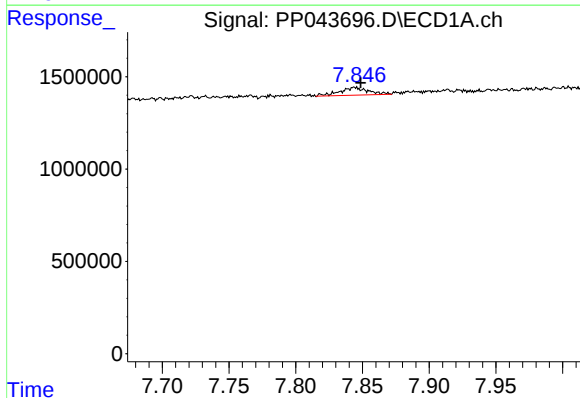
R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 135391
Conc: 1.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



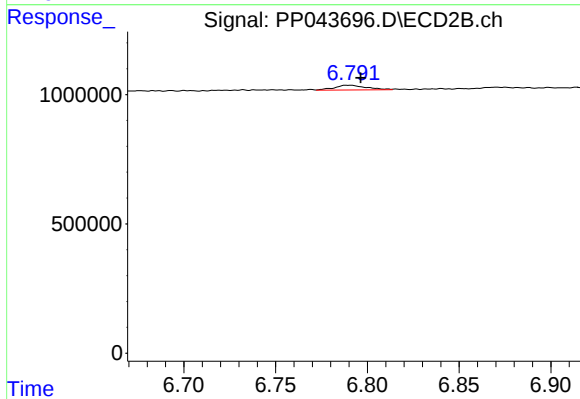
#33 AR-1260-3

R.T.: 6.277 min
Delta R.T.: -0.006 min
Response: 106663
Conc: 1.17 ng/ml



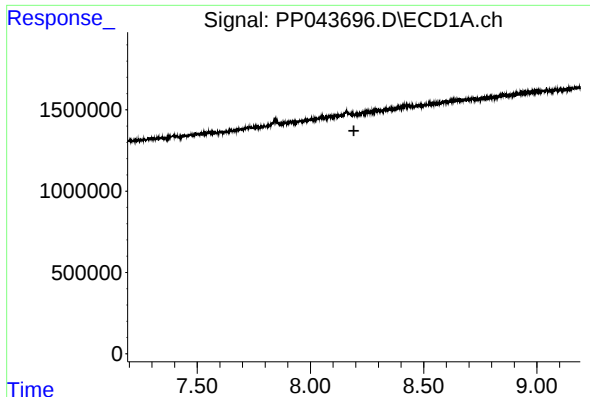
#34 AR-1260-4

R.T.: 7.844 min
Delta R.T.: -0.005 min
Response: 621252
Conc: 7.24 ng/ml



#34 AR-1260-4

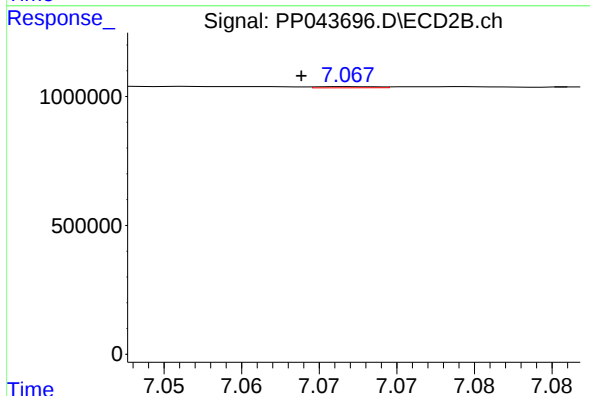
R.T.: 6.791 min
Delta R.T.: -0.005 min
Response: 222757
Conc: 2.75 ng/ml



#35 AR-1260-5

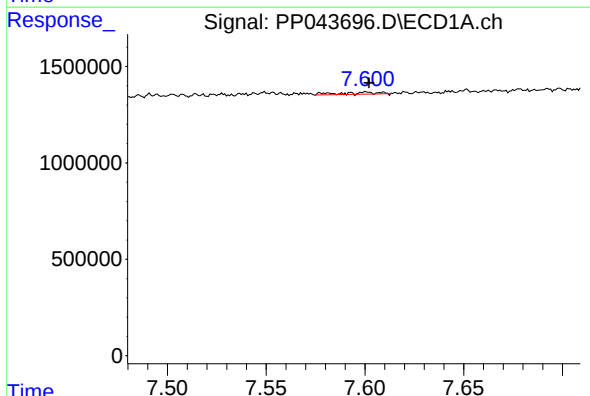
R.T.: 0.000 min
Exp R.T.: 8.192 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



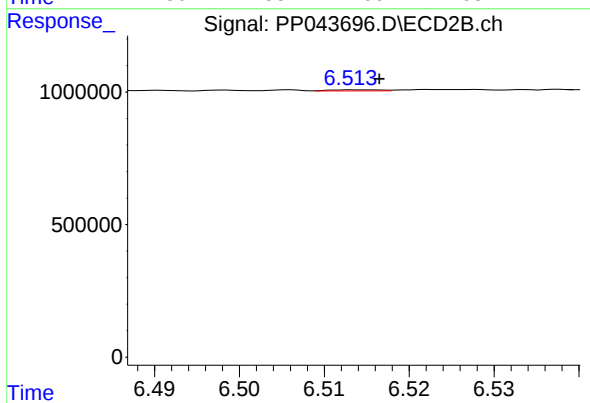
#35 AR-1260-5

R.T.: 7.067 min
Delta R.T.: 0.003 min
Response: 11832
Conc: 0.06 ng/ml



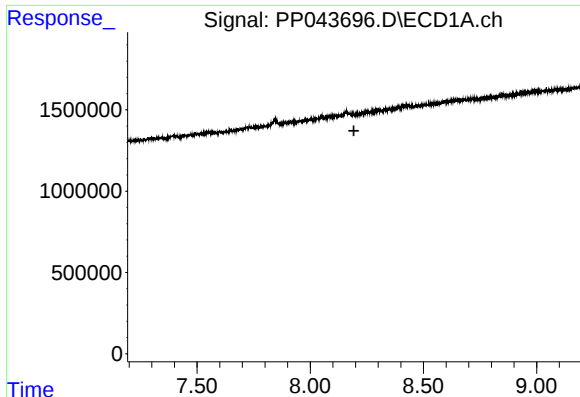
#36 AR-1262-1

R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 135391
Conc: 1.37 ng/ml



#36 AR-1262-1

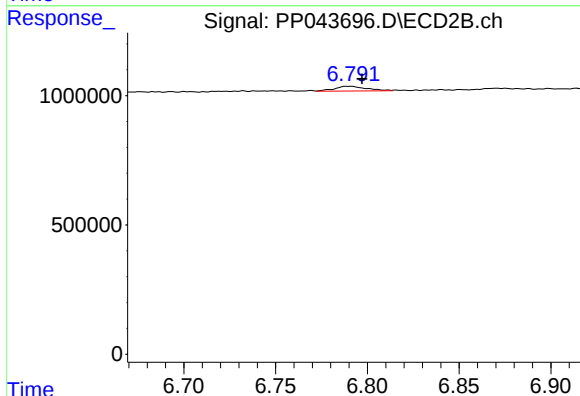
R.T.: 6.514 min
Delta R.T.: -0.003 min
Response: 16270
Conc: 0.15 ng/ml



#37 AR-1262-2

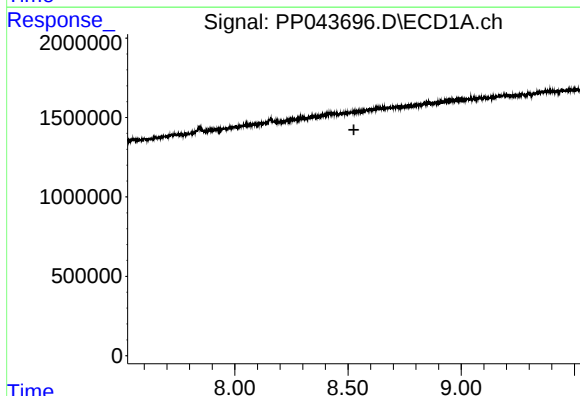
R.T.: 0.000 min
Exp R.T.: 8.193 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



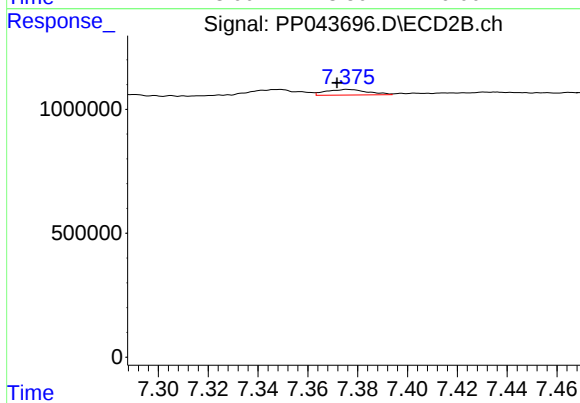
#37 AR-1262-2

R.T.: 6.791 min
Delta R.T.: -0.006 min
Response: 222757
Conc: 2.18 ng/ml



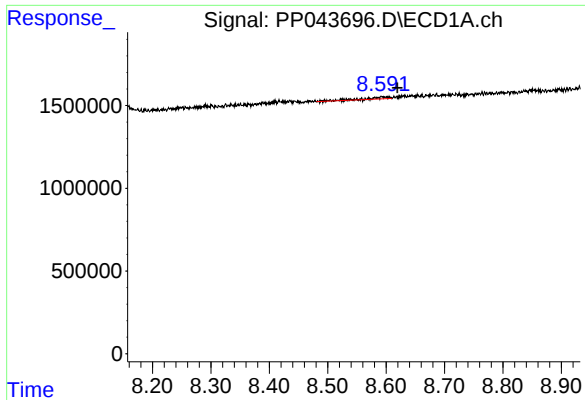
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.526 min
Response: 0
Conc: N.D.



#38 AR-1262-3

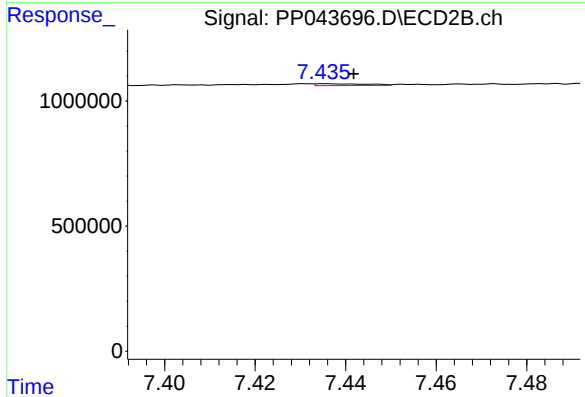
R.T.: 7.376 min
Delta R.T.: 0.004 min
Response: 265793
Conc: 3.12 ng/ml



#39 AR-1262-4

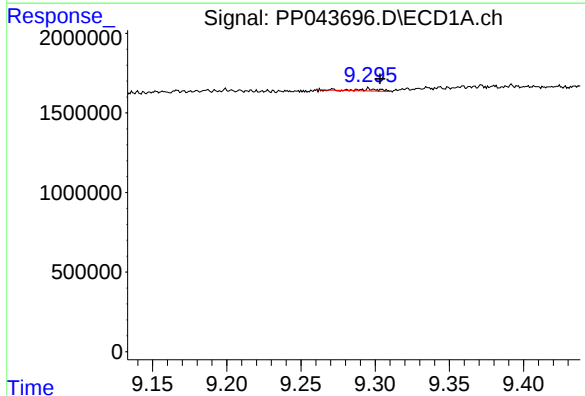
R.T.: 8.595 min
Delta R.T.: -0.024 min
Response: 293990
Conc: 6.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



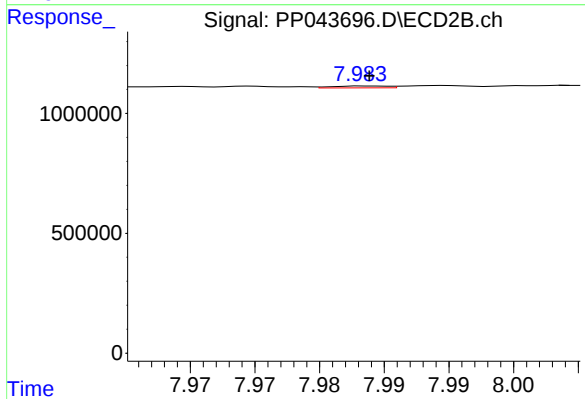
#39 AR-1262-4

R.T.: 7.436 min
Delta R.T.: -0.006 min
Response: 55809
Conc: 0.36 ng/ml



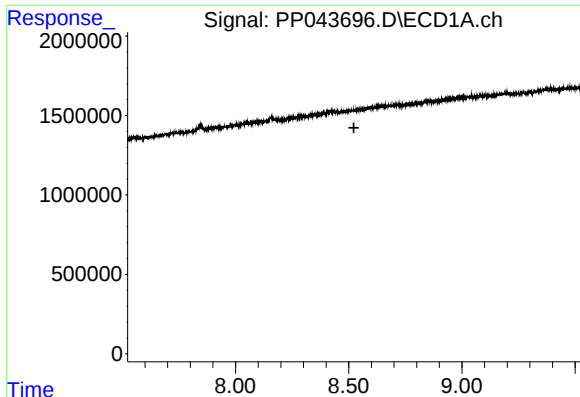
#40 AR-1262-5

R.T.: 9.296 min
Delta R.T.: -0.008 min
Response: 124516
Conc: 2.24 ng/ml



#40 AR-1262-5

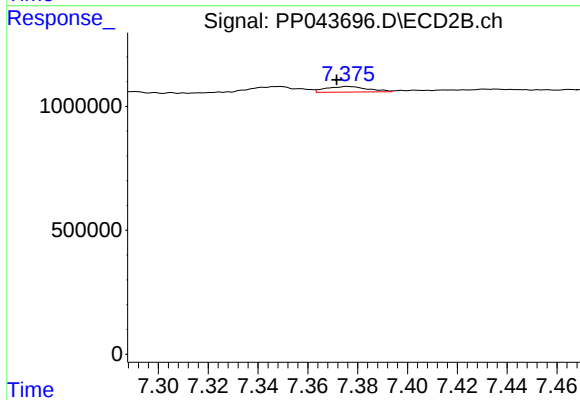
R.T.: 7.984 min
Delta R.T.: 0.000 min
Response: 23151
Conc: 0.30 ng/ml



#41 AR-1268-1

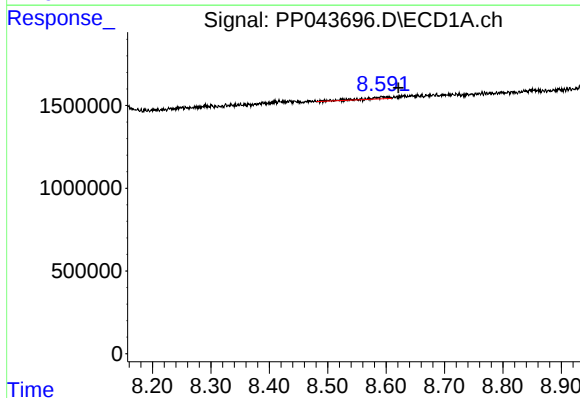
R.T.: 0.000 min
Exp R.T.: 8.523 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



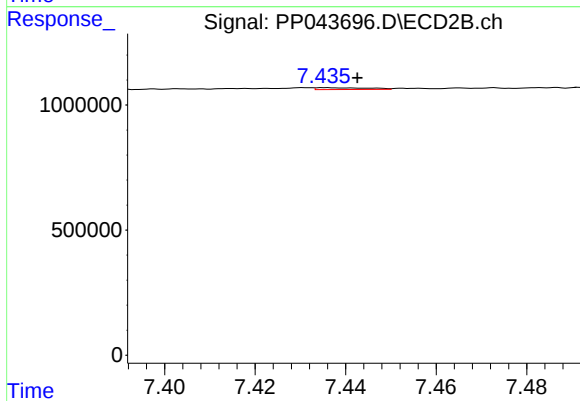
#41 AR-1268-1

R.T.: 7.376 min
Delta R.T.: 0.004 min
Response: 265793
Conc: 1.05 ng/ml



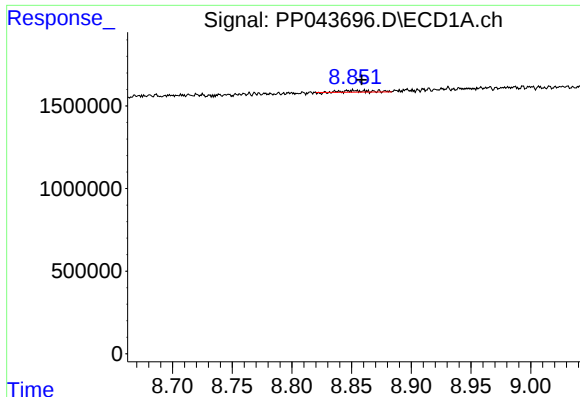
#42 AR-1268-2

R.T.: 8.595 min
Delta R.T.: -0.026 min
Response: 293990
Conc: 1.68 ng/ml



#42 AR-1268-2

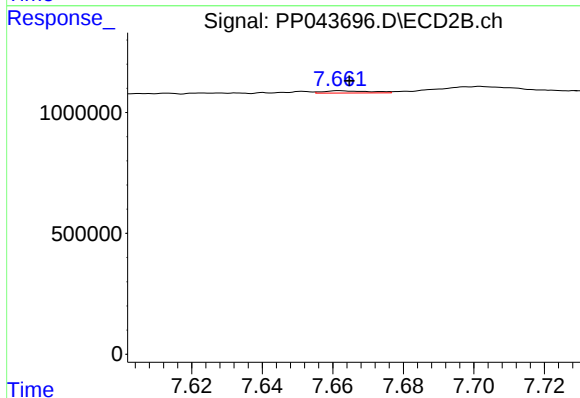
R.T.: 7.436 min
Delta R.T.: -0.007 min
Response: 55809
Conc: 0.25 ng/ml



#43 AR-1268-3

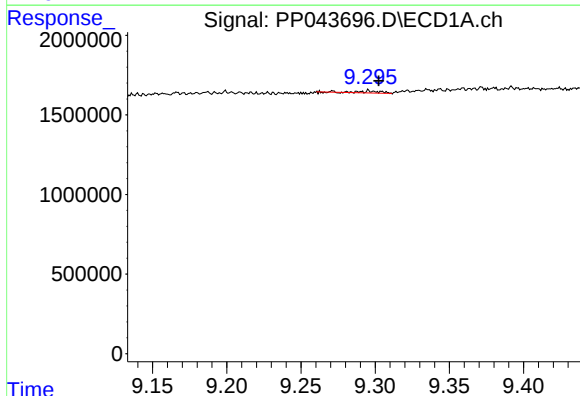
R.T.: 8.851 min
Delta R.T.: -0.008 min
Response: 136552
Conc: 0.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



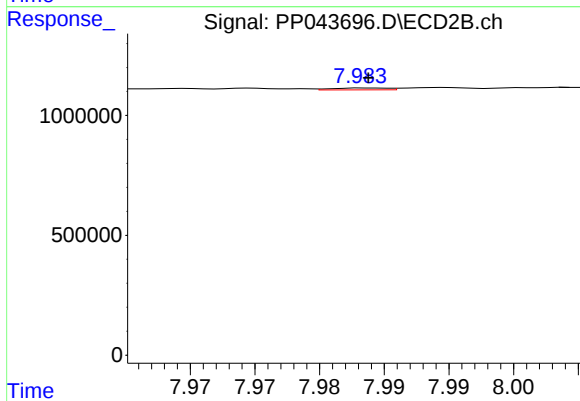
#43 AR-1268-3

R.T.: 7.662 min
Delta R.T.: -0.003 min
Response: 85978
Conc: 0.44 ng/ml



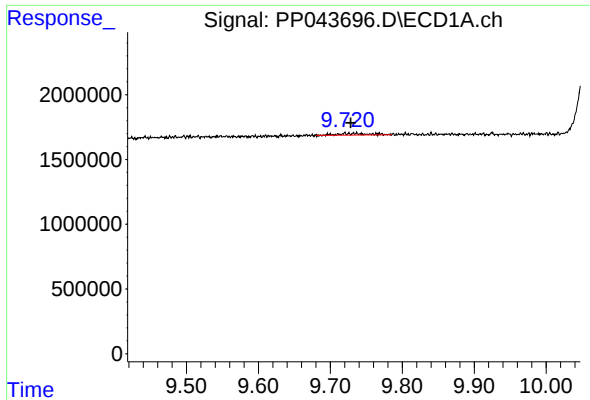
#44 AR-1268-4

R.T.: 9.296 min
Delta R.T.: -0.007 min
Response: 124516
Conc: 1.99 ng/ml



#44 AR-1268-4

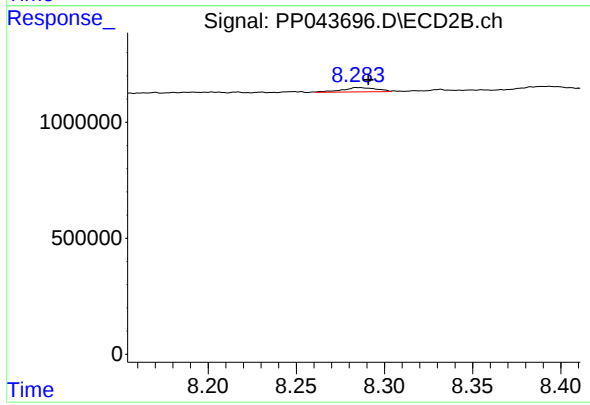
R.T.: 7.984 min
Delta R.T.: 0.000 min
Response: 23151
Conc: 0.26 ng/ml



#45 AR-1268-5

R.T.: 9.721 min
Delta R.T.: -0.007 min
Response: 350752
Conc: 0.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.284 min
Delta R.T.: -0.007 min
Response: 252890
Conc: 0.42 ng/ml