

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP011923\
 Data File : PP054716.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jan 2023 13:54
 Operator : YP\AJ
 Sample : 01198-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 19 20:49:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP011723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 18 04:34:06 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...	4.330	3.577	34013206	28107893	18.524	17.560
2)	SA Decachlor...	10.091	8.598	26359264	24239226	19.638	16.926
Target Compounds							
3)	L1 AR-1016-1	5.500	4.672	1217777	844344	18.804	16.763
4)	L1 AR-1016-2	5.526	4.697	650559	1260398	6.885	17.655 #
5)	L1 AR-1016-3	5.587	4.865	533387	1140213	8.944	29.286 #
6)	L1 AR-1016-4	5.689	4.913	44696	2251416	0.941	66.288 #
7)	L1 AR-1016-5	5.967f	5.122	846728	142610	17.490	3.255 #
8)	L2 AR-1221-1	4.537	3.779	1297872	589218	56.712	29.779 #
9)	L2 AR-1221-2	4.640	3.877	1328778	2210592	75.500	147.155 #
10)	L2 AR-1221-3	4.701	3.953	282324	1786672	5.312	38.875 #
11)	L3 AR-1232-1	4.701	3.953	282324	1786672	6.352	46.313 #
12)	L3 AR-1232-2	5.254f	4.697	2324174	1260398	96.411	38.556 #
13)	L3 AR-1232-3	5.526	4.865	650559	1140213	15.094	66.304 #
14)	L3 AR-1232-4	5.689	4.948	44696	2429352	2.082	140.236 #
15)	L3 AR-1232-5	5.779	5.122	1729564	142610	100.523	7.535 #
16)	L4 AR-1242-1	5.500	4.672	1217777	844344	22.522	20.013
17)	L4 AR-1242-2	5.526	4.697	650559	1260398	8.338	21.466 #
18)	L4 AR-1242-3	5.587	4.865	533387	1140213	10.858	35.545 #
19)	L4 AR-1242-4	5.689	4.948	44696	2429352	1.127	69.239 #
20)	L4 AR-1242-5	0.000	5.467	0	1998311	N.D.	52.572 #
21)	L5 AR-1248-1	5.500	4.672	1217777	844344	30.579	26.985
22)	L5 AR-1248-2	5.779	4.913	1729564	2251416	29.139	46.894 #
23)	L5 AR-1248-3	5.967f	4.948	846728	2429352	12.831	47.805 #
24)	L5 AR-1248-4	6.399	5.122	3569281	142610	53.418	2.399 #
25)	L5 AR-1248-5	0.000	5.512	0	738110	N.D.	14.527 #
26)	L6 AR-1254-1	6.362	5.467	1298587	1998311	18.373	23.504 #
27)	L6 AR-1254-2	6.585	5.616	1908956	931391	19.944	12.799 #
28)	L6 AR-1254-3	6.951	6.023	1767186	2088961	20.368	18.458
29)	L6 AR-1254-4	7.237	6.252	448987	692347	7.167	11.124 #
30)	L6 AR-1254-5	7.659	6.670	1128719	1832588	16.129	19.337
31)	L7 AR-1260-1	7.113	6.153	1000474	1233920	14.566	14.863
32)	L7 AR-1260-2	7.369	6.342	1839926	655987	23.008	7.127 #
33)	L7 AR-1260-3	7.734	6.495	291268	674282	4.835	7.502 #
34)	L7 AR-1260-4	7.948f	6.976	1285986	598717	18.379	7.955 #
35)	L7 AR-1260-5	8.276	7.212	516206	438620	3.962	2.760 #
36)	L8 AR-1262-1	7.734	6.769	291268	281652	3.558	6.640 #
37)	L8 AR-1262-2	8.276	6.976	516206	598717	3.646	6.512 #
38)	L8 AR-1262-3	8.589	7.493	30382	180272	0.295	2.509 #
39)	L8 AR-1262-4	8.684	7.558	625782	562715	12.587	4.352 #
40)	L8 AR-1262-5	9.331	8.055	115244	36768	2.023	0.617 #
41)	L9 AR-1268-1	8.589	7.493	30382	180272	0.165	0.834 #

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 Acq On : 19 Jan 2023 13:54
 Operator : YP\AJ
 Sample : 01198-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

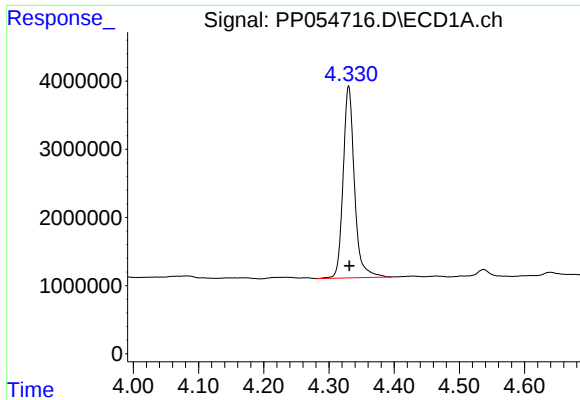
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 19 20:49:55 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	7.558	625782	562715	3.692	2.873
43) L9	AR-1268-3	8.917	7.773	171507	195372	1.151	1.104
44) L9	AR-1268-4	9.331	8.055	115244	36768	1.785	0.544 #
45) L9	AR-1268-5	9.751	8.347	367114	297870	0.761	0.579

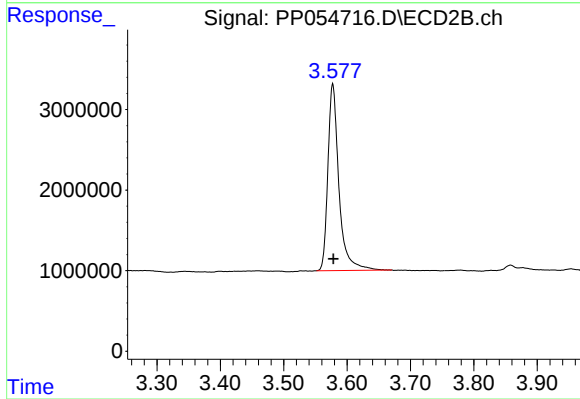
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

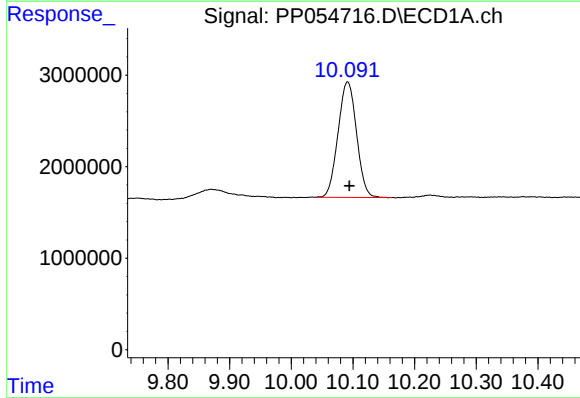
R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 34013206
Conc: 18.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



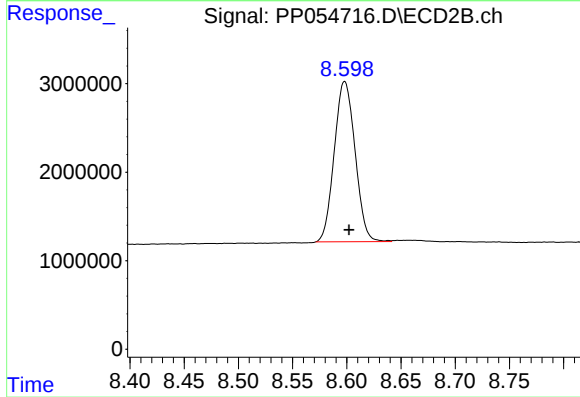
#1 Tetrachloro-m-xylene

R.T.: 3.577 min
Delta R.T.: 0.000 min
Response: 28107893
Conc: 17.56 ng/ml



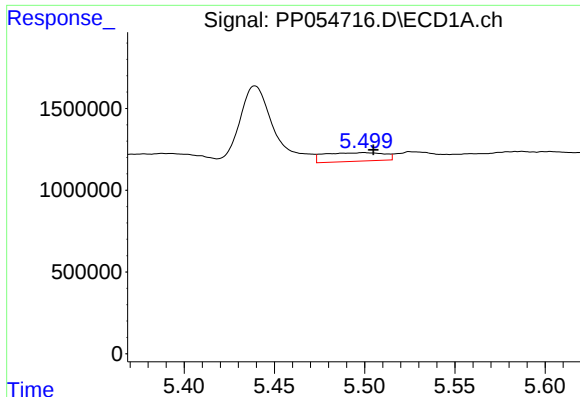
#2 Decachlorobiphenyl

R.T.: 10.091 min
Delta R.T.: -0.003 min
Response: 26359264
Conc: 19.64 ng/ml



#2 Decachlorobiphenyl

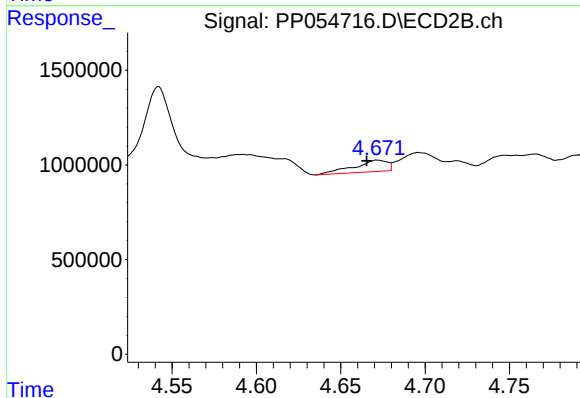
R.T.: 8.598 min
Delta R.T.: -0.004 min
Response: 24239226
Conc: 16.93 ng/ml



#3 AR-1016-1

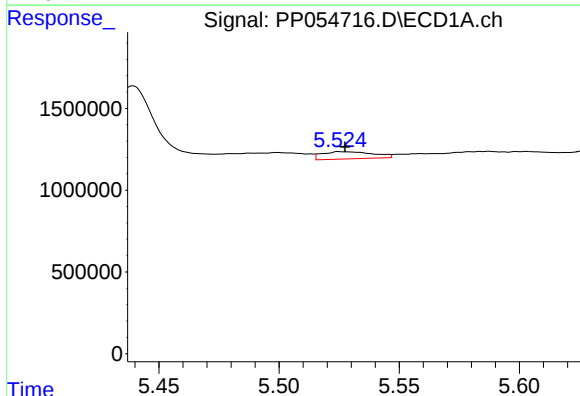
R.T.: 5.500 min
Delta R.T.: -0.005 min
Response: 1217777
Conc: 18.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



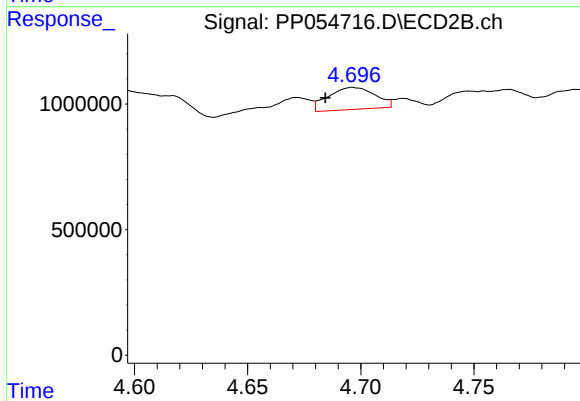
#3 AR-1016-1

R.T.: 4.672 min
Delta R.T.: 0.006 min
Response: 844344
Conc: 16.76 ng/ml



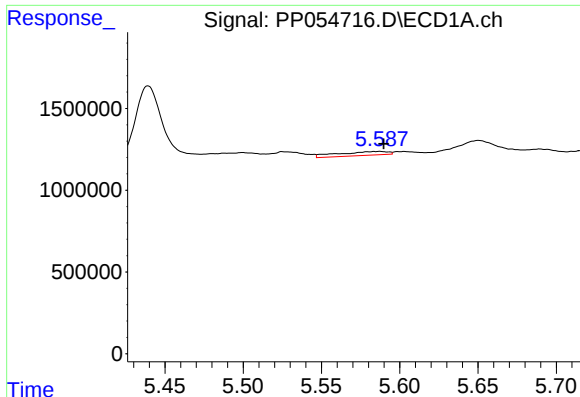
#4 AR-1016-2

R.T.: 5.526 min
Delta R.T.: -0.002 min
Response: 650559
Conc: 6.88 ng/ml



#4 AR-1016-2

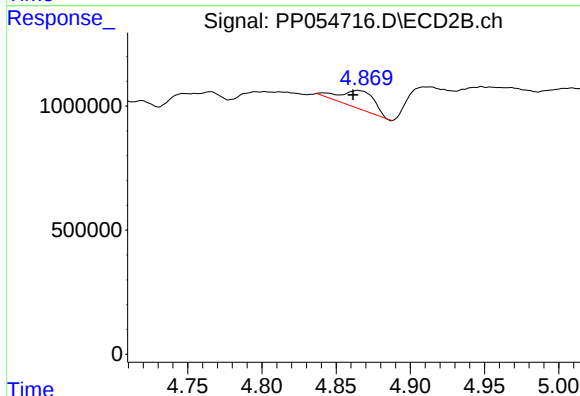
R.T.: 4.697 min
Delta R.T.: 0.012 min
Response: 1260398
Conc: 17.66 ng/ml



#5 AR-1016-3

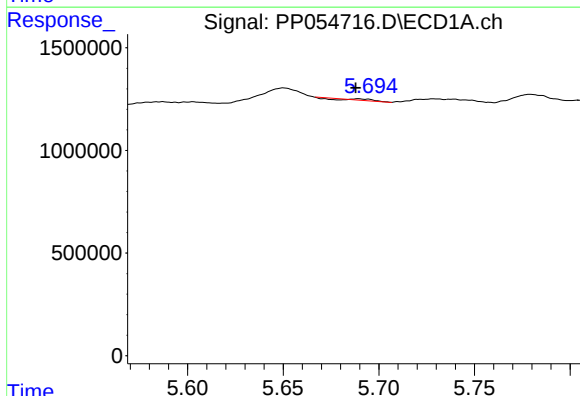
R.T.: 5.587 min
Delta R.T.: -0.003 min
Response: 533387
Conc: 8.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



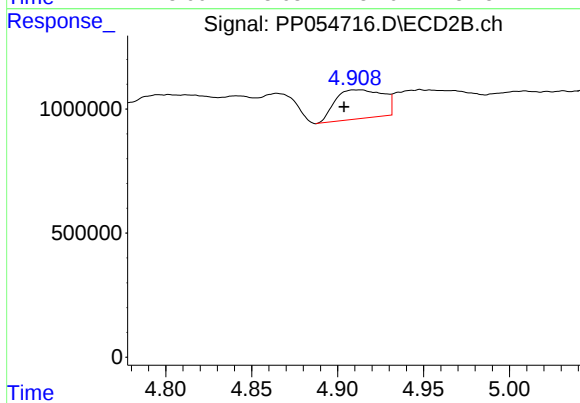
#5 AR-1016-3

R.T.: 4.865 min
Delta R.T.: 0.004 min
Response: 1140213
Conc: 29.29 ng/ml



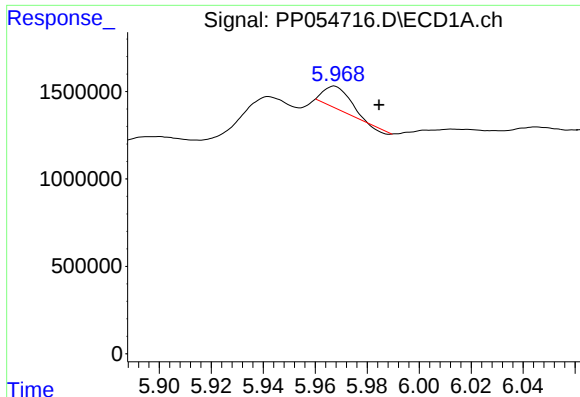
#6 AR-1016-4

R.T.: 5.689 min
Delta R.T.: 0.001 min
Response: 44696
Conc: 0.94 ng/ml



#6 AR-1016-4

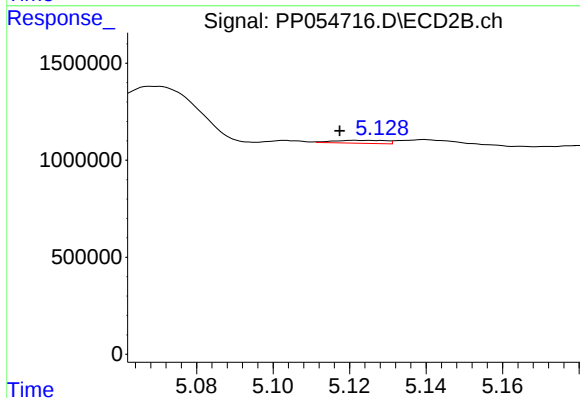
R.T.: 4.913 min
Delta R.T.: 0.009 min
Response: 2251416
Conc: 66.29 ng/ml



#7 AR-1016-5

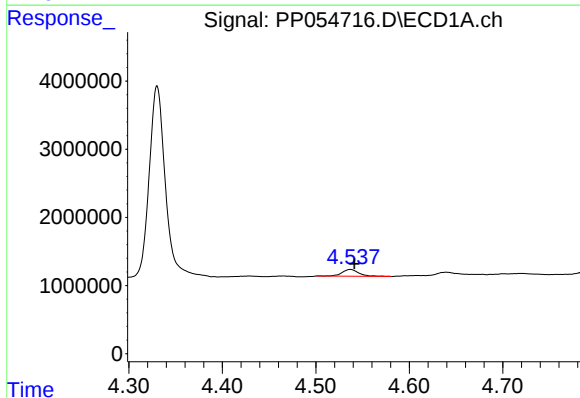
R.T.: 5.967 min
Delta R.T.: -0.017 min
Response: 846728
Conc: 17.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



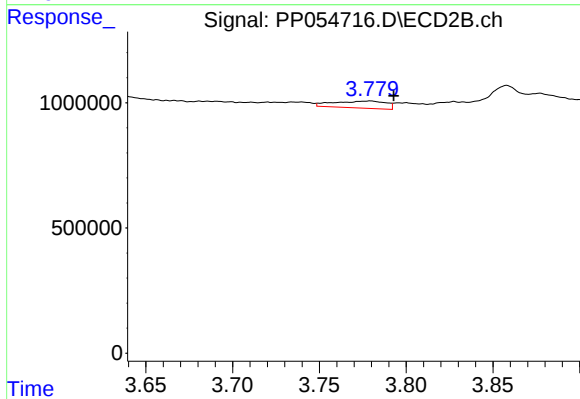
#7 AR-1016-5

R.T.: 5.122 min
Delta R.T.: 0.005 min
Response: 142610
Conc: 3.25 ng/ml



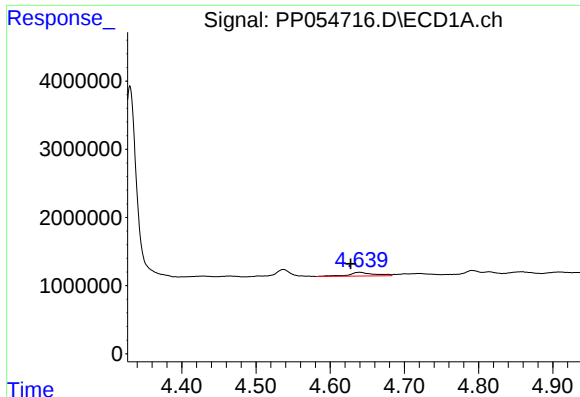
#8 AR-1221-1

R.T.: 4.537 min
Delta R.T.: -0.004 min
Response: 1297872
Conc: 56.71 ng/ml



#8 AR-1221-1

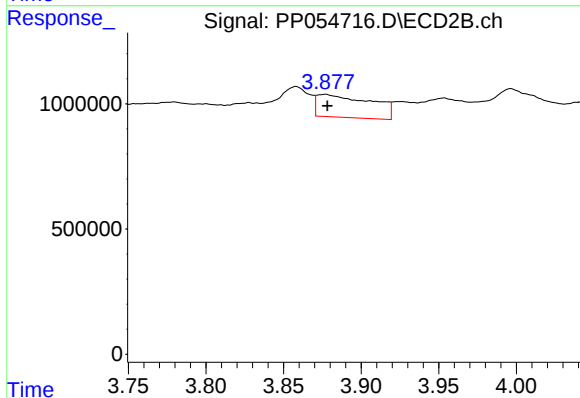
R.T.: 3.779 min
Delta R.T.: -0.014 min
Response: 589218
Conc: 29.78 ng/ml



#9 AR-1221-2

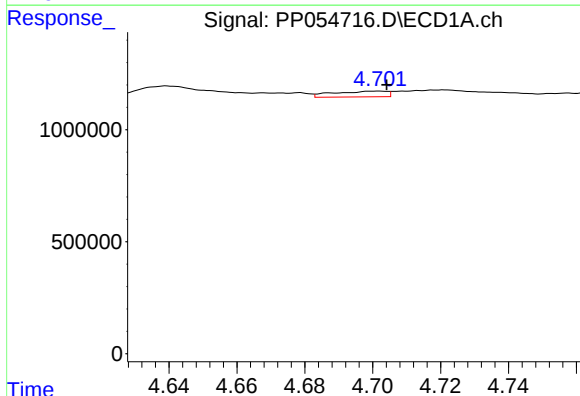
R.T.: 4.640 min
Delta R.T.: 0.012 min
Response: 1328778
Conc: 75.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



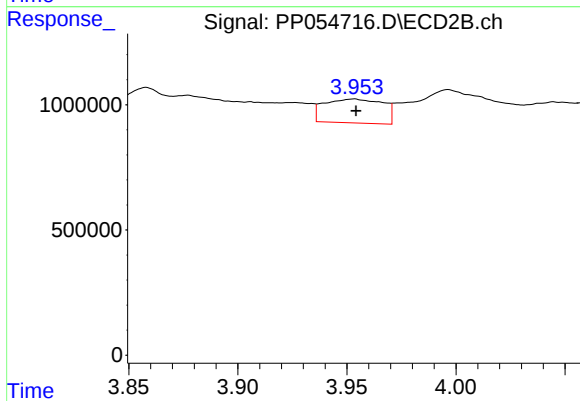
#9 AR-1221-2

R.T.: 3.877 min
Delta R.T.: -0.001 min
Response: 2210592
Conc: 147.15 ng/ml



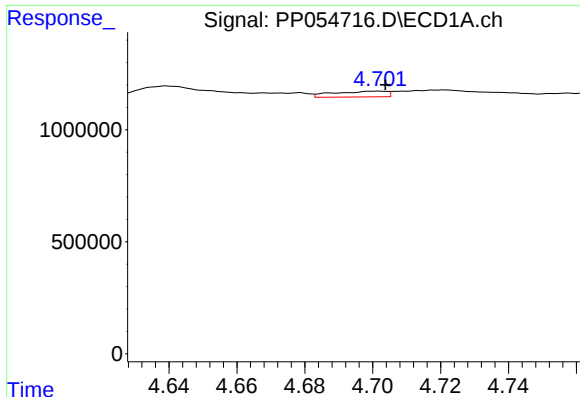
#10 AR-1221-3

R.T.: 4.701 min
Delta R.T.: -0.003 min
Response: 282324
Conc: 5.31 ng/ml



#10 AR-1221-3

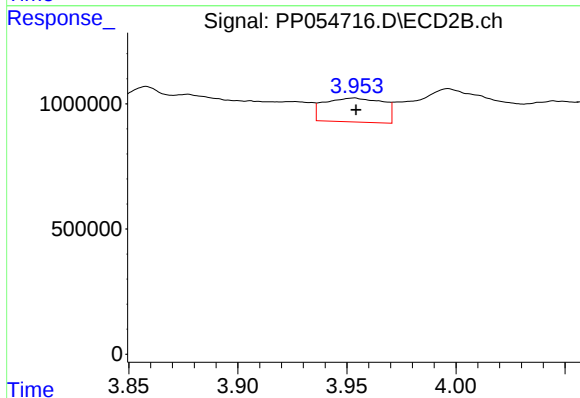
R.T.: 3.953 min
Delta R.T.: -0.001 min
Response: 1786672
Conc: 38.87 ng/ml



#11 AR-1232-1

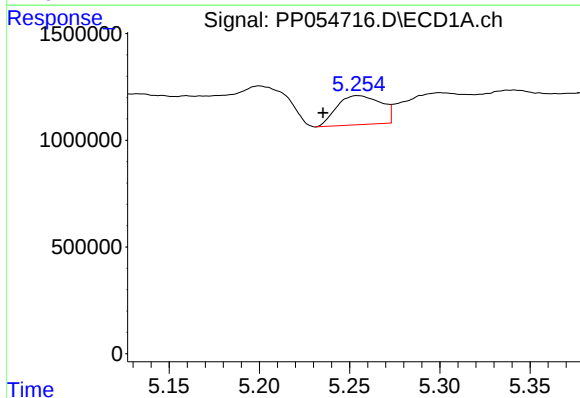
R.T.: 4.701 min
Delta R.T.: -0.002 min
Response: 282324
Conc: 6.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



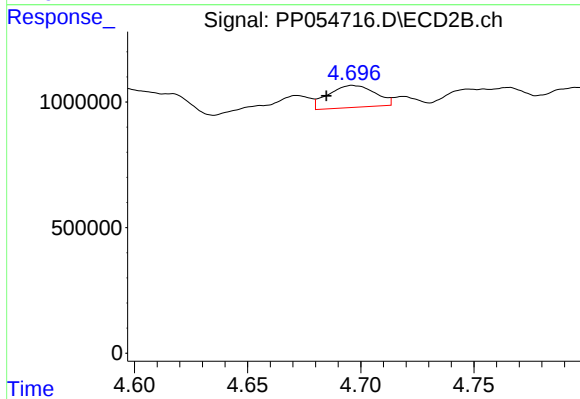
#11 AR-1232-1

R.T.: 3.953 min
Delta R.T.: -0.001 min
Response: 1786672
Conc: 46.31 ng/ml



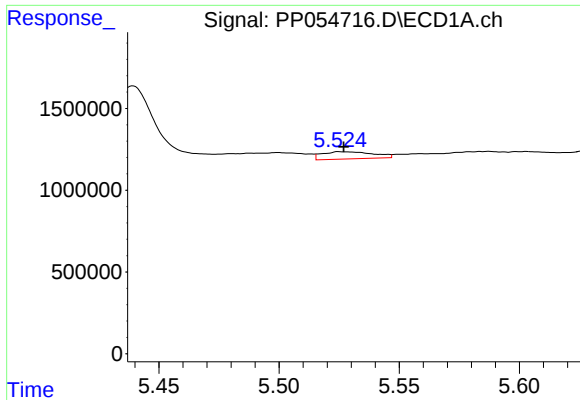
#12 AR-1232-2

R.T.: 5.254 min
Delta R.T.: 0.019 min
Response: 2324174
Conc: 96.41 ng/ml



#12 AR-1232-2

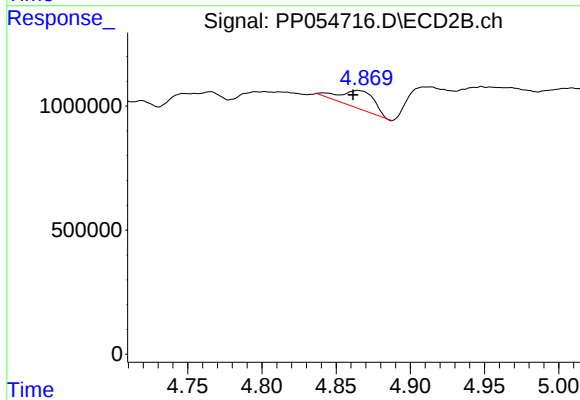
R.T.: 4.697 min
Delta R.T.: 0.012 min
Response: 1260398
Conc: 38.56 ng/ml



#13 AR-1232-3

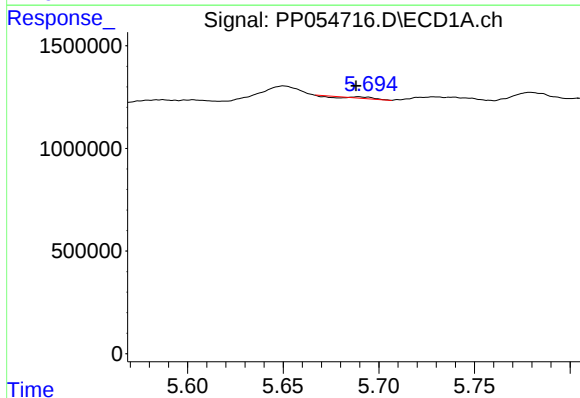
R.T.: 5.526 min
Delta R.T.: -0.001 min
Response: 650559
Conc: 15.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



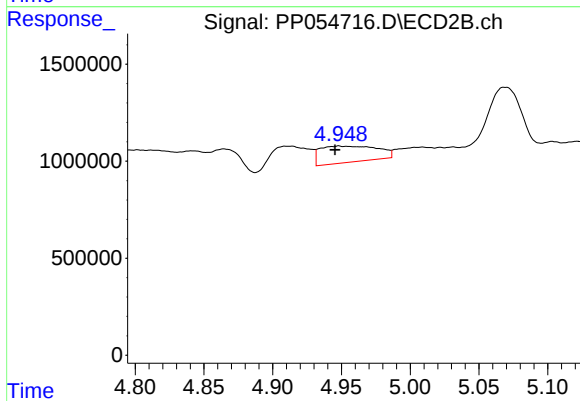
#13 AR-1232-3

R.T.: 4.865 min
Delta R.T.: 0.003 min
Response: 1140213
Conc: 66.30 ng/ml



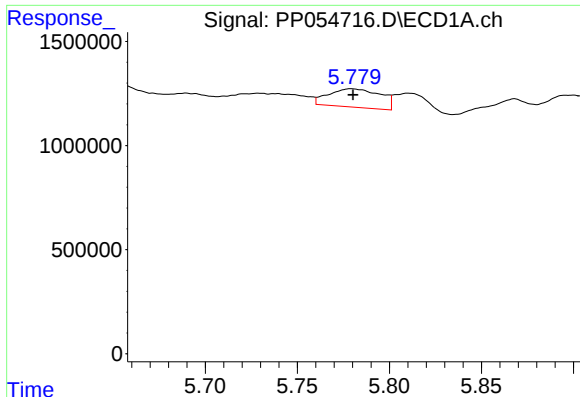
#14 AR-1232-4

R.T.: 5.689 min
Delta R.T.: 0.001 min
Response: 44696
Conc: 2.08 ng/ml



#14 AR-1232-4

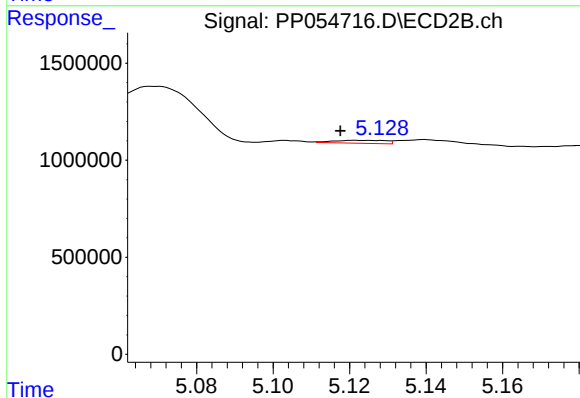
R.T.: 4.948 min
Delta R.T.: 0.003 min
Response: 2429352
Conc: 140.24 ng/ml



#15 AR-1232-5

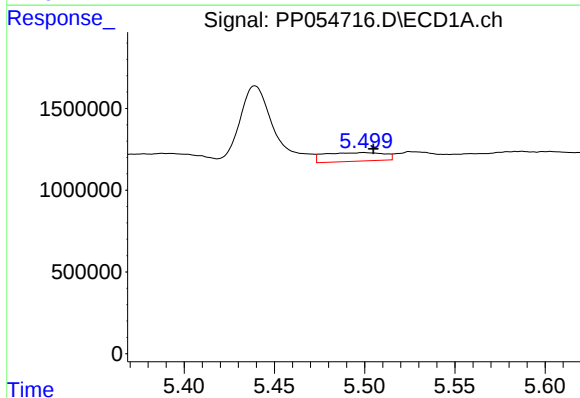
R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 1729564
Conc: 100.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



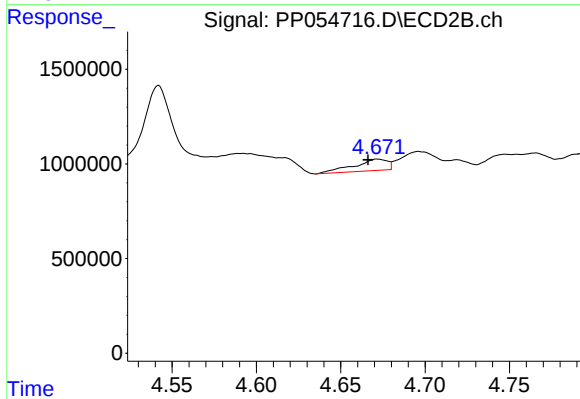
#15 AR-1232-5

R.T.: 5.122 min
Delta R.T.: 0.005 min
Response: 142610
Conc: 7.54 ng/ml



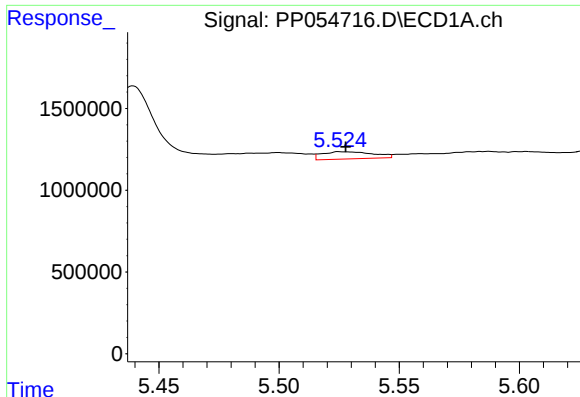
#16 AR-1242-1

R.T.: 5.500 min
Delta R.T.: -0.005 min
Response: 1217777
Conc: 22.52 ng/ml



#16 AR-1242-1

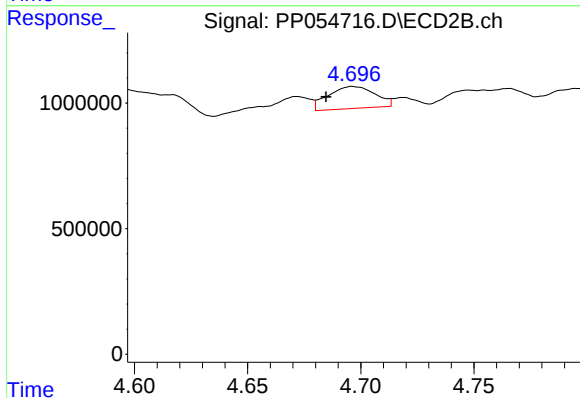
R.T.: 4.672 min
Delta R.T.: 0.006 min
Response: 844344
Conc: 20.01 ng/ml



#17 AR-1242-2

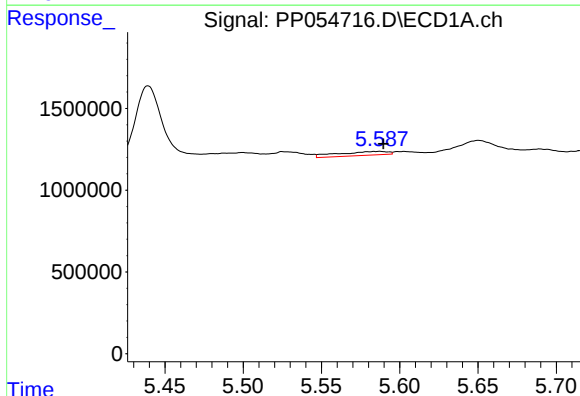
R.T.: 5.526 min
Delta R.T.: -0.002 min
Response: 650559
Conc: 8.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



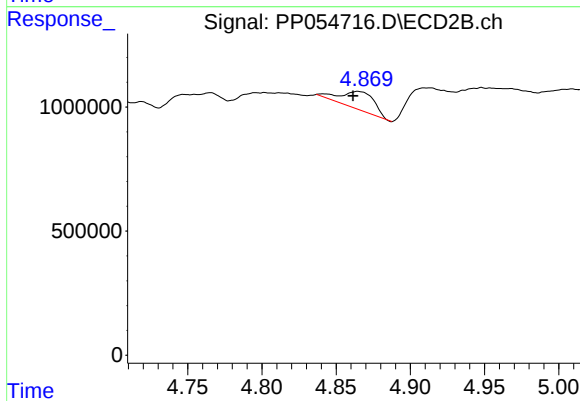
#17 AR-1242-2

R.T.: 4.697 min
Delta R.T.: 0.012 min
Response: 1260398
Conc: 21.47 ng/ml



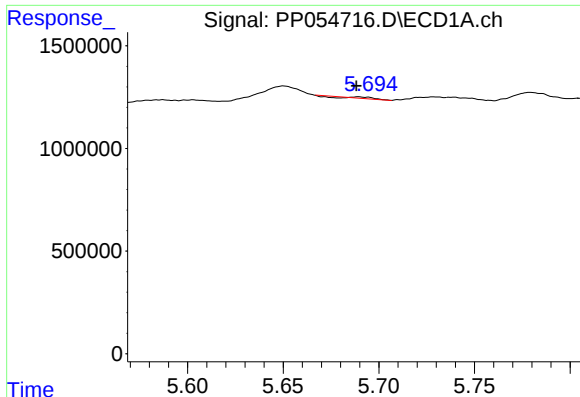
#18 AR-1242-3

R.T.: 5.587 min
Delta R.T.: -0.003 min
Response: 533387
Conc: 10.86 ng/ml



#18 AR-1242-3

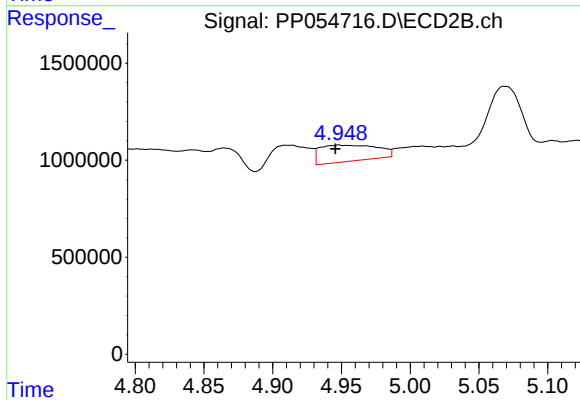
R.T.: 4.865 min
Delta R.T.: 0.003 min
Response: 1140213
Conc: 35.54 ng/ml



#19 AR-1242-4

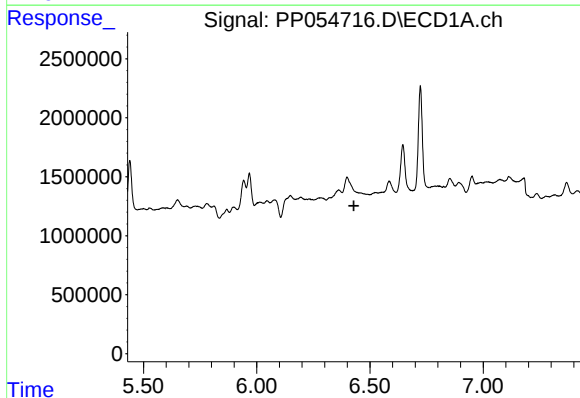
R.T.: 5.689 min
Delta R.T.: 0.001 min
Response: 44696
Conc: 1.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



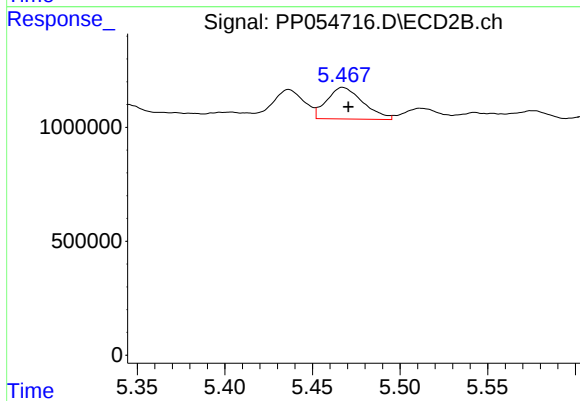
#19 AR-1242-4

R.T.: 4.948 min
Delta R.T.: 0.003 min
Response: 2429352
Conc: 69.24 ng/ml



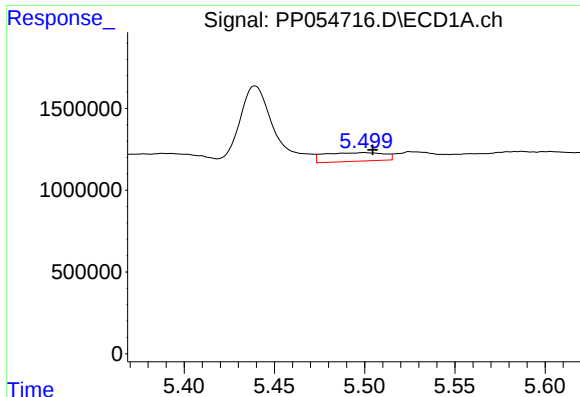
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.429 min
Response: 0
Conc: N.D.



#20 AR-1242-5

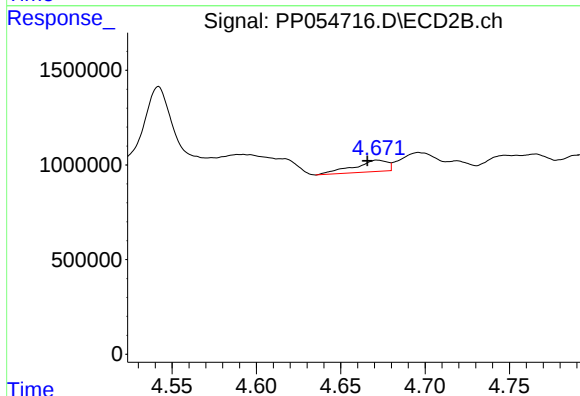
R.T.: 5.467 min
Delta R.T.: -0.003 min
Response: 1998311
Conc: 52.57 ng/ml



#21 AR-1248-1

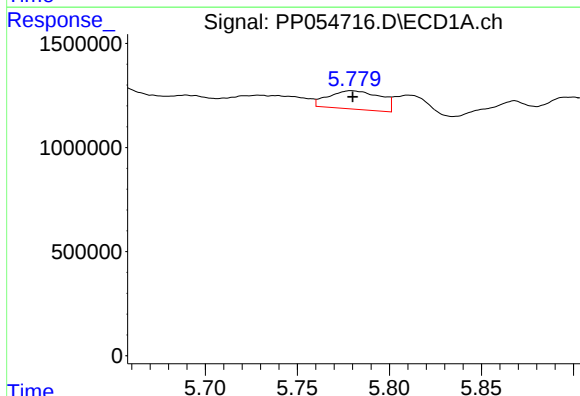
R.T.: 5.500 min
Delta R.T.: -0.005 min
Response: 1217777
Conc: 30.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



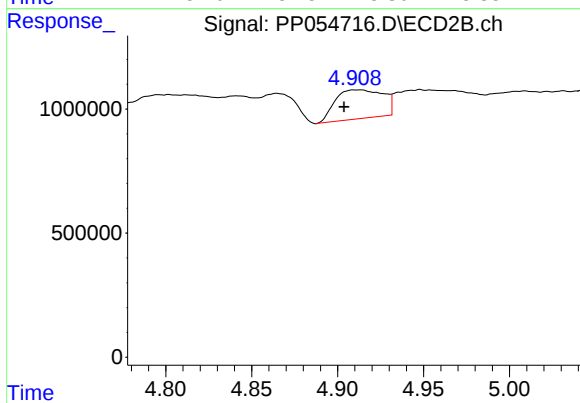
#21 AR-1248-1

R.T.: 4.672 min
Delta R.T.: 0.006 min
Response: 844344
Conc: 26.99 ng/ml



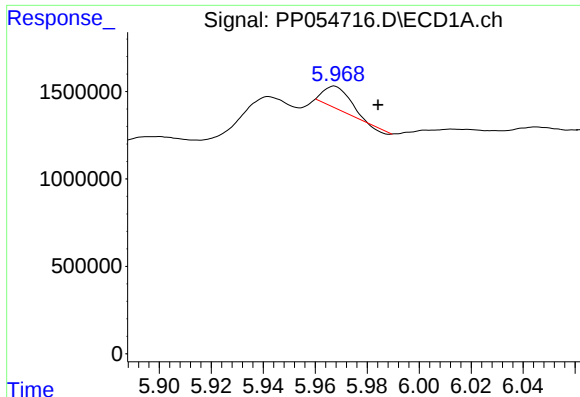
#22 AR-1248-2

R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 1729564
Conc: 29.14 ng/ml



#22 AR-1248-2

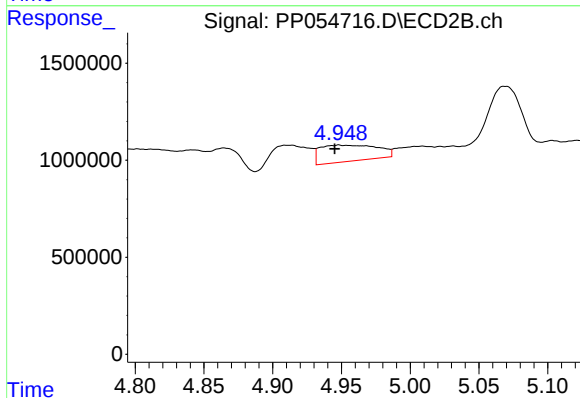
R.T.: 4.913 min
Delta R.T.: 0.009 min
Response: 2251416
Conc: 46.89 ng/ml



#23 AR-1248-3

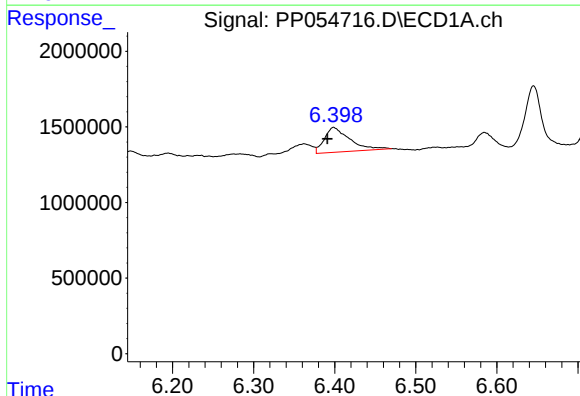
R.T.: 5.967 min
Delta R.T.: -0.017 min
Response: 846728
Conc: 12.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



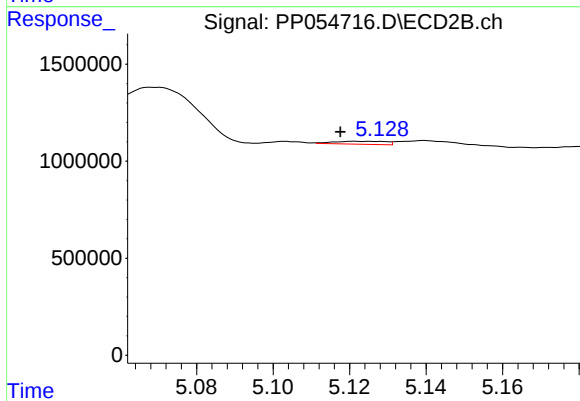
#23 AR-1248-3

R.T.: 4.948 min
Delta R.T.: 0.003 min
Response: 2429352
Conc: 47.81 ng/ml



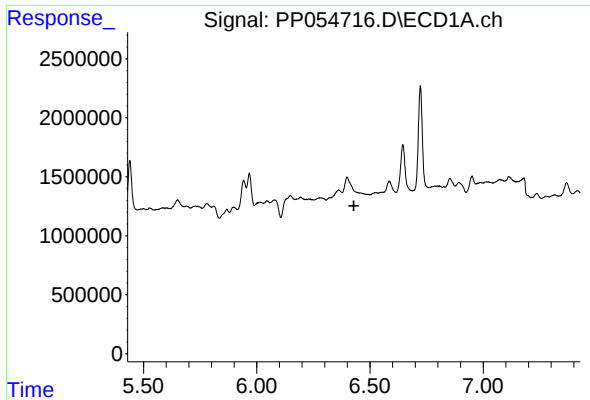
#24 AR-1248-4

R.T.: 6.399 min
Delta R.T.: 0.008 min
Response: 3569281
Conc: 53.42 ng/ml



#24 AR-1248-4

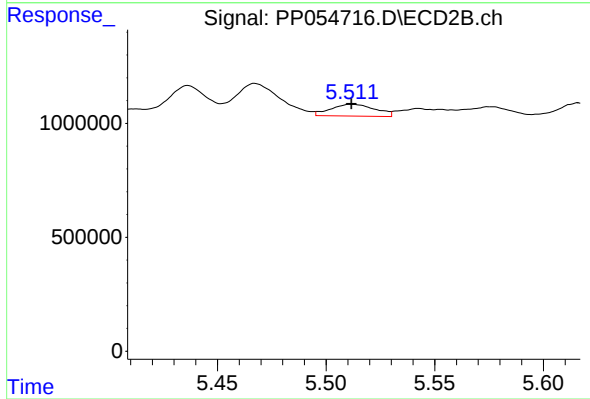
R.T.: 5.122 min
Delta R.T.: 0.005 min
Response: 142610
Conc: 2.40 ng/ml



#25 AR-1248-5

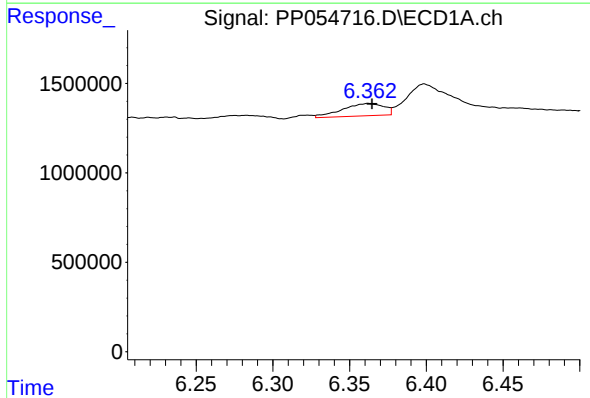
R.T.: 0.000 min
Exp R.T.: 6.429 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



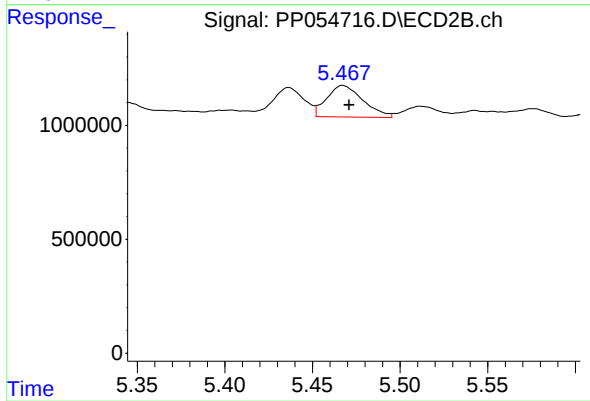
#25 AR-1248-5

R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 738110
Conc: 14.53 ng/ml



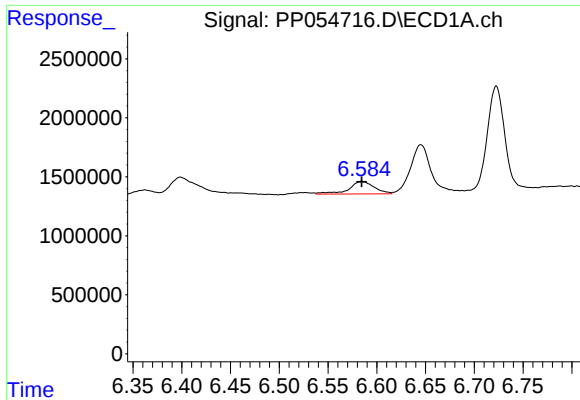
#26 AR-1254-1

R.T.: 6.362 min
Delta R.T.: -0.002 min
Response: 1298587
Conc: 18.37 ng/ml



#26 AR-1254-1

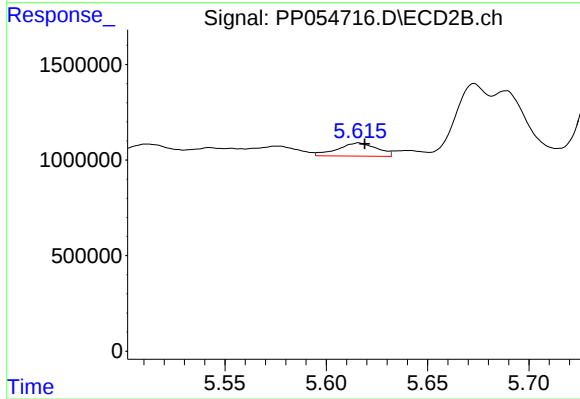
R.T.: 5.467 min
Delta R.T.: -0.003 min
Response: 1998311
Conc: 23.50 ng/ml



#27 AR-1254-2

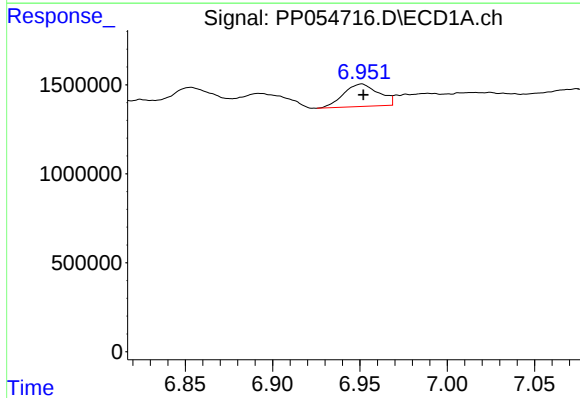
R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 1908956
Conc: 19.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



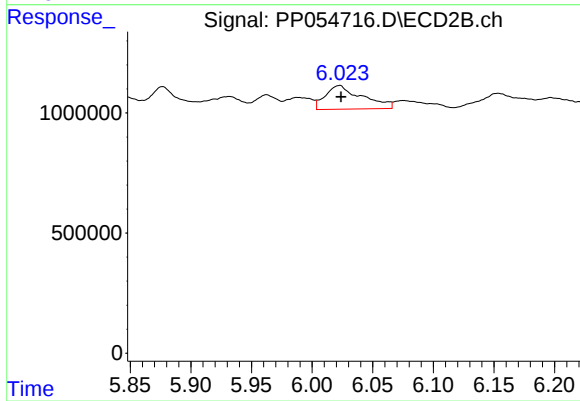
#27 AR-1254-2

R.T.: 5.616 min
Delta R.T.: -0.003 min
Response: 931391
Conc: 12.80 ng/ml



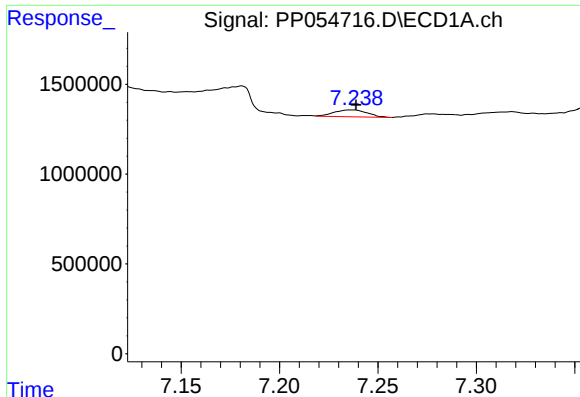
#28 AR-1254-3

R.T.: 6.951 min
Delta R.T.: 0.000 min
Response: 1767186
Conc: 20.37 ng/ml



#28 AR-1254-3

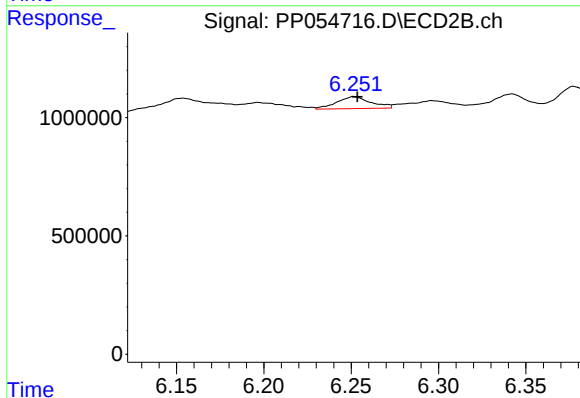
R.T.: 6.023 min
Delta R.T.: -0.001 min
Response: 2088961
Conc: 18.46 ng/ml



#29 AR-1254-4

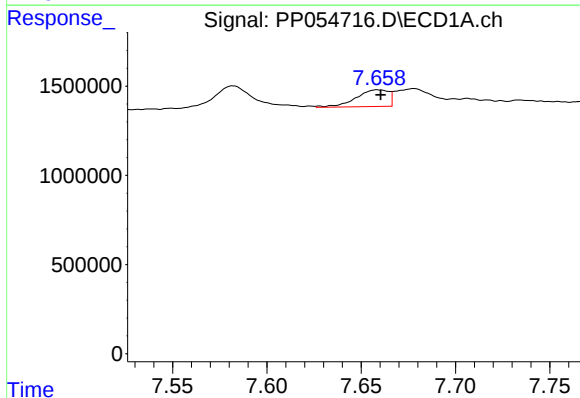
R.T.: 7.237 min
Delta R.T.: -0.002 min
Response: 448987
Conc: 7.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



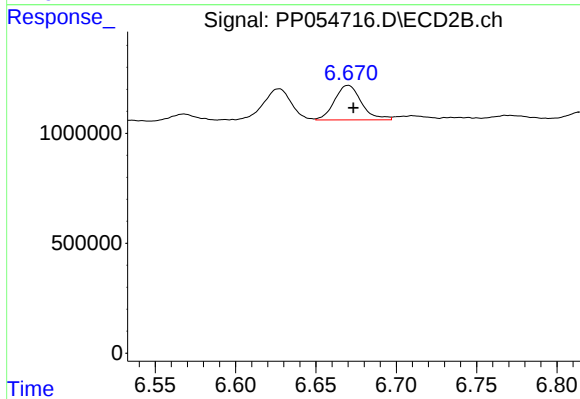
#29 AR-1254-4

R.T.: 6.252 min
Delta R.T.: -0.002 min
Response: 692347
Conc: 11.12 ng/ml



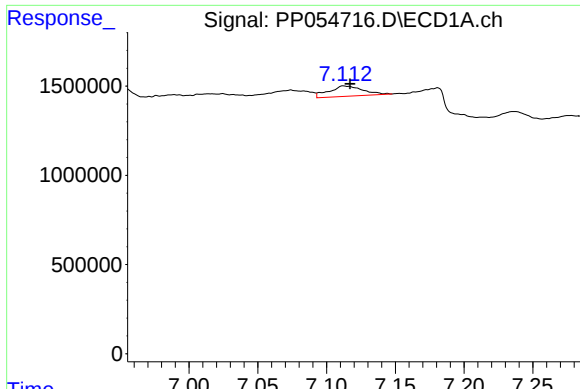
#30 AR-1254-5

R.T.: 7.659 min
Delta R.T.: -0.002 min
Response: 1128719
Conc: 16.13 ng/ml



#30 AR-1254-5

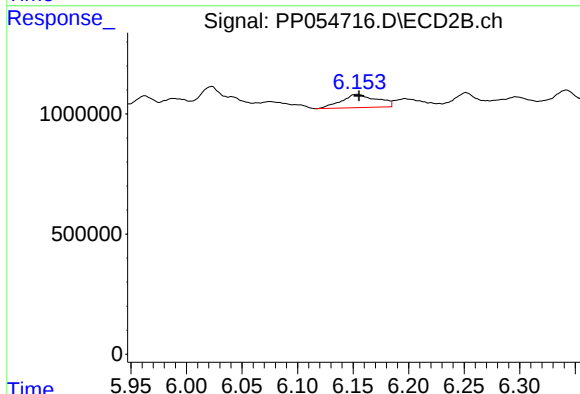
R.T.: 6.670 min
Delta R.T.: -0.003 min
Response: 1832588
Conc: 19.34 ng/ml



#31 AR-1260-1

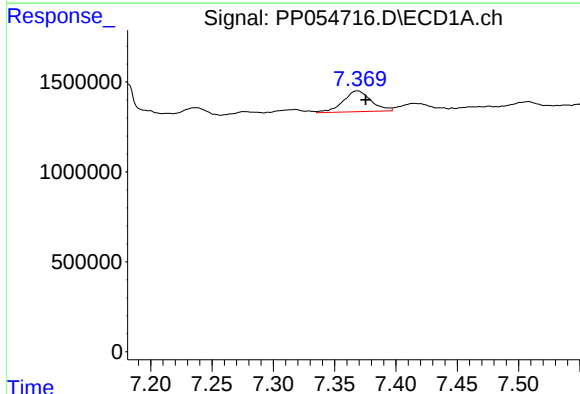
R.T.: 7.113 min
Delta R.T.: -0.005 min
Response: 1000474
Conc: 14.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



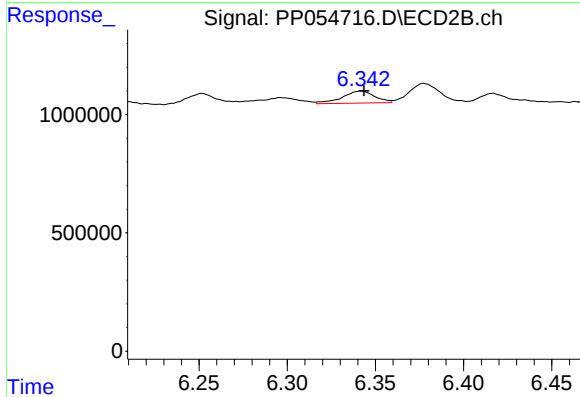
#31 AR-1260-1

R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 1233920
Conc: 14.86 ng/ml



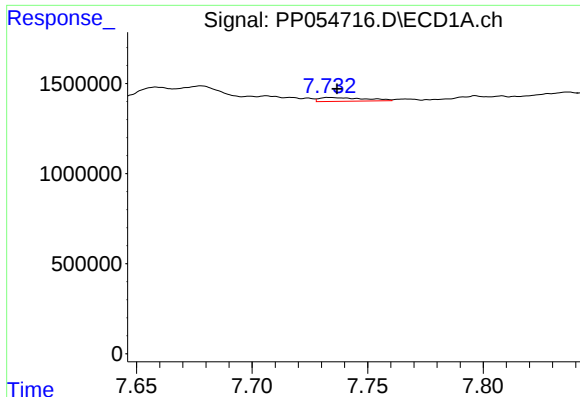
#32 AR-1260-2

R.T.: 7.369 min
Delta R.T.: -0.007 min
Response: 1839926
Conc: 23.01 ng/ml



#32 AR-1260-2

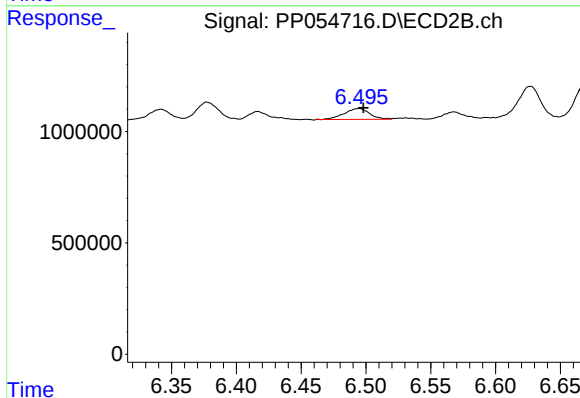
R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 655987
Conc: 7.13 ng/ml



#33 AR-1260-3

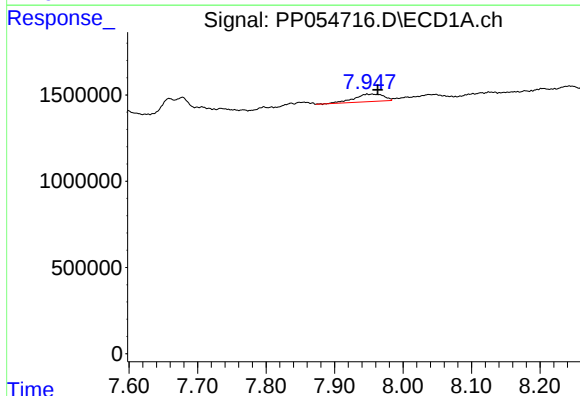
R.T.: 7.734 min
Delta R.T.: -0.003 min
Response: 291268
Conc: 4.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



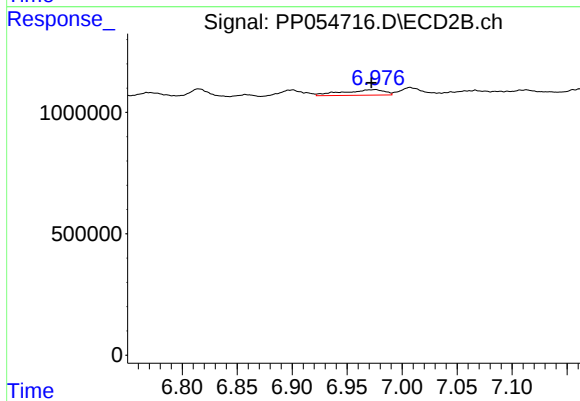
#33 AR-1260-3

R.T.: 6.495 min
Delta R.T.: -0.004 min
Response: 674282
Conc: 7.50 ng/ml



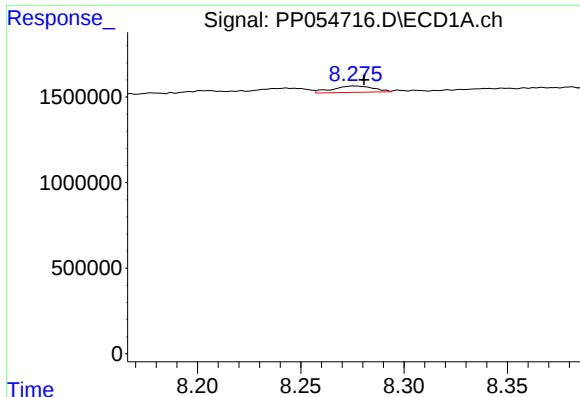
#34 AR-1260-4

R.T.: 7.948 min
Delta R.T.: -0.016 min
Response: 1285986
Conc: 18.38 ng/ml



#34 AR-1260-4

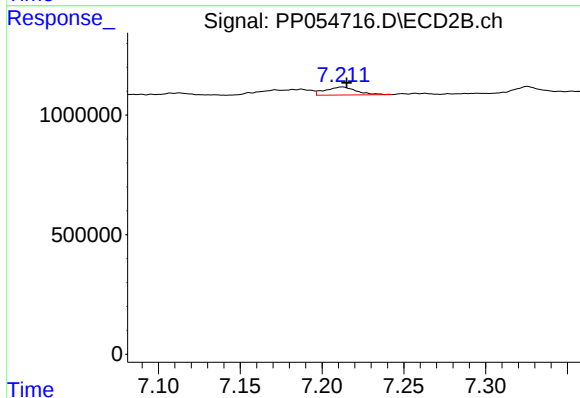
R.T.: 6.976 min
Delta R.T.: 0.003 min
Response: 598717
Conc: 7.95 ng/ml



#35 AR-1260-5

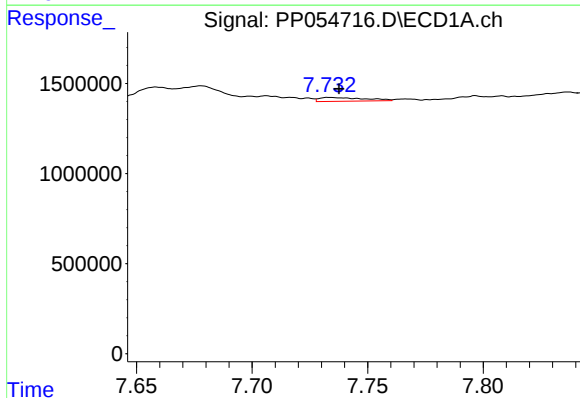
R.T.: 8.276 min
Delta R.T.: -0.005 min
Response: 516206
Conc: 3.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



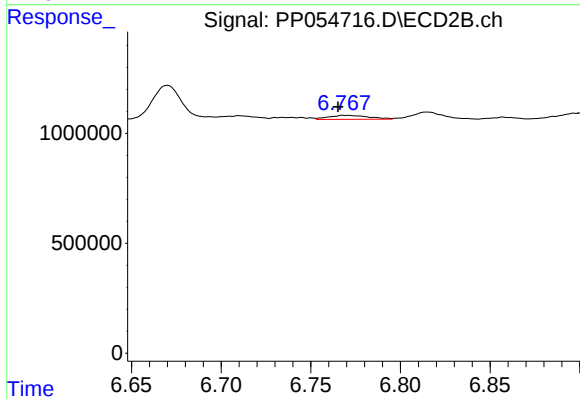
#35 AR-1260-5

R.T.: 7.212 min
Delta R.T.: -0.003 min
Response: 438620
Conc: 2.76 ng/ml



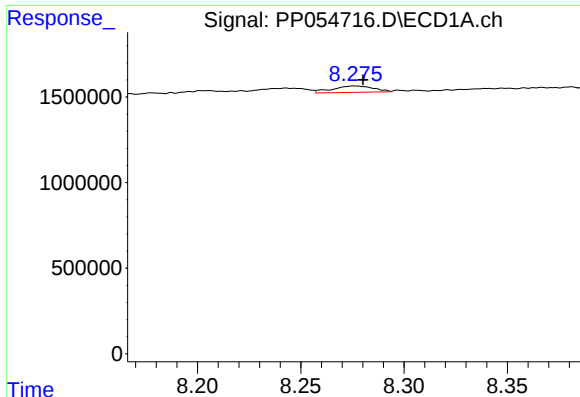
#36 AR-1262-1

R.T.: 7.734 min
Delta R.T.: -0.004 min
Response: 291268
Conc: 3.56 ng/ml



#36 AR-1262-1

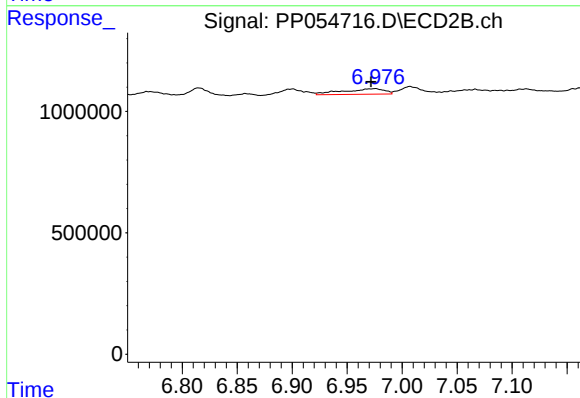
R.T.: 6.769 min
Delta R.T.: 0.004 min
Response: 281652
Conc: 6.64 ng/ml



#37 AR-1262-2

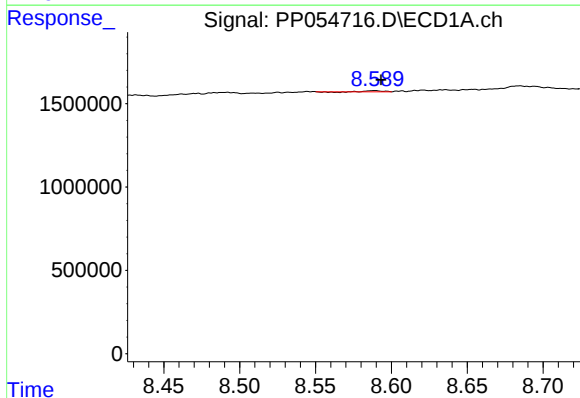
R.T.: 8.276 min
Delta R.T.: -0.004 min
Response: 516206
Conc: 3.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



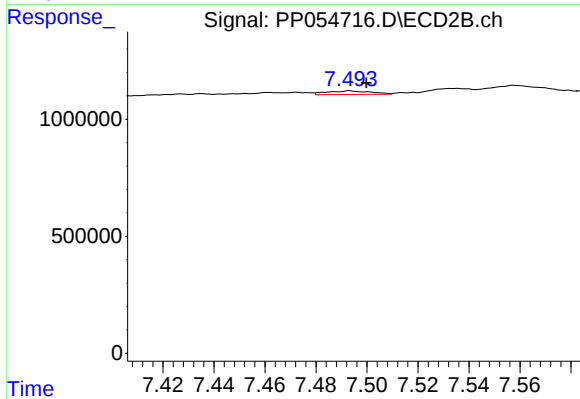
#37 AR-1262-2

R.T.: 6.976 min
Delta R.T.: 0.004 min
Response: 598717
Conc: 6.51 ng/ml



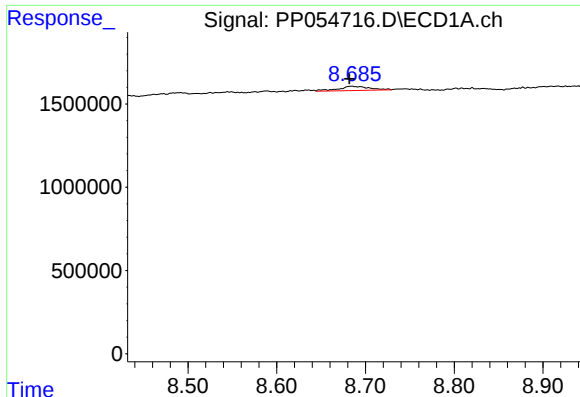
#38 AR-1262-3

R.T.: 8.589 min
Delta R.T.: -0.004 min
Response: 30382
Conc: 0.29 ng/ml



#38 AR-1262-3

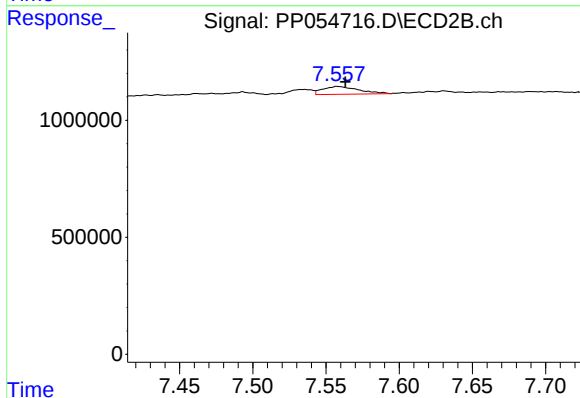
R.T.: 7.493 min
Delta R.T.: -0.007 min
Response: 180272
Conc: 2.51 ng/ml



#39 AR-1262-4

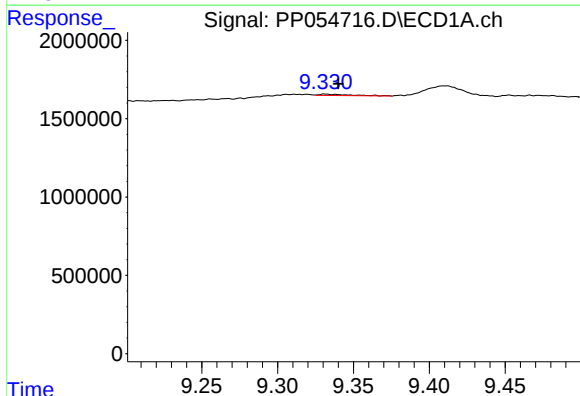
R.T.: 8.684 min
Delta R.T.: 0.003 min
Response: 625782
Conc: 12.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



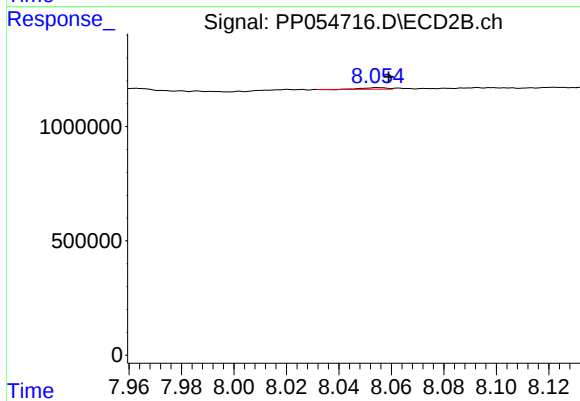
#39 AR-1262-4

R.T.: 7.558 min
Delta R.T.: -0.005 min
Response: 562715
Conc: 4.35 ng/ml



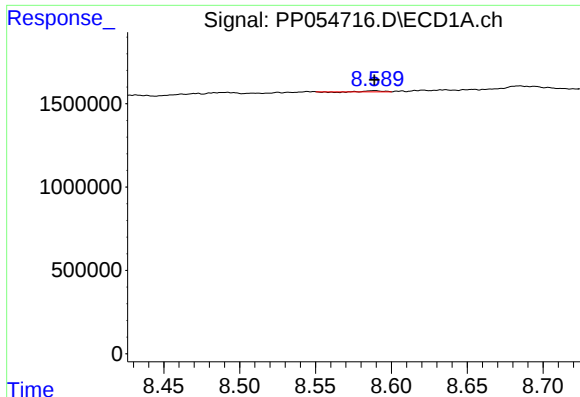
#40 AR-1262-5

R.T.: 9.331 min
Delta R.T.: -0.009 min
Response: 115244
Conc: 2.02 ng/ml



#40 AR-1262-5

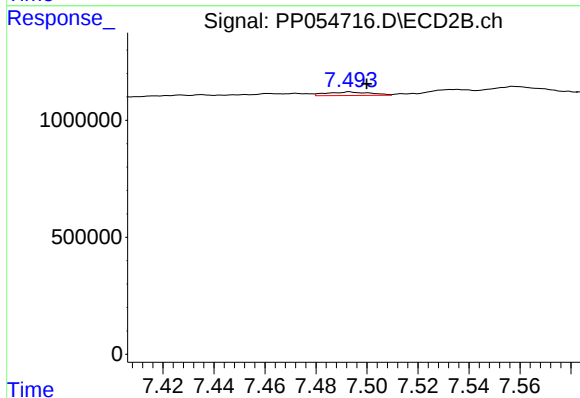
R.T.: 8.055 min
Delta R.T.: -0.004 min
Response: 36768
Conc: 0.62 ng/ml



#41 AR-1268-1

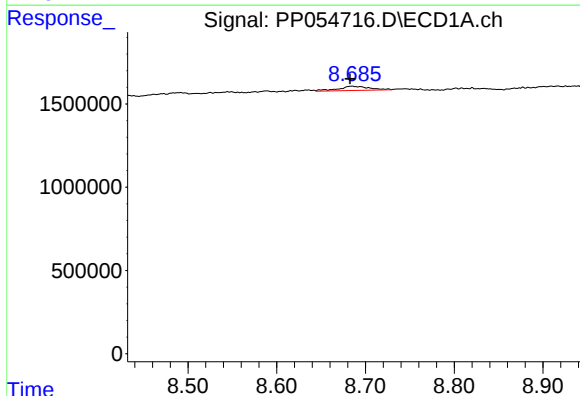
R.T.: 8.589 min
Delta R.T.: 0.000 min
Response: 30382
Conc: 0.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



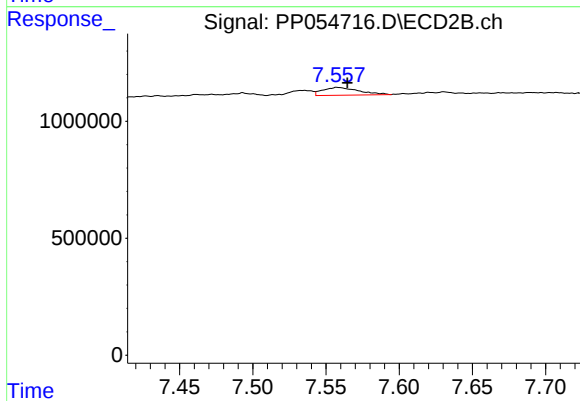
#41 AR-1268-1

R.T.: 7.493 min
Delta R.T.: -0.007 min
Response: 180272
Conc: 0.83 ng/ml



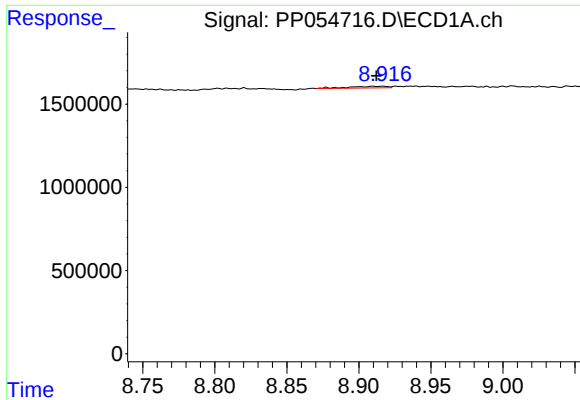
#42 AR-1268-2

R.T.: 8.684 min
Delta R.T.: 0.002 min
Response: 625782
Conc: 3.69 ng/ml



#42 AR-1268-2

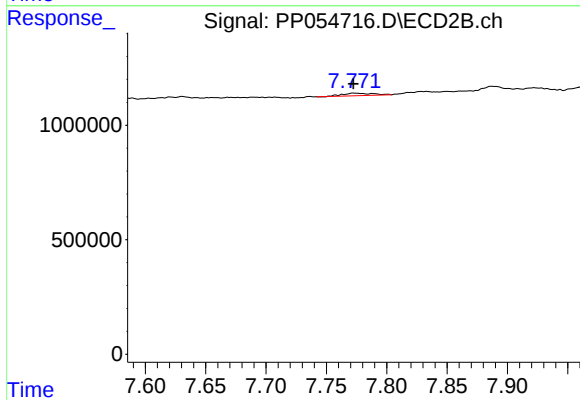
R.T.: 7.558 min
Delta R.T.: -0.006 min
Response: 562715
Conc: 2.87 ng/ml



#43 AR-1268-3

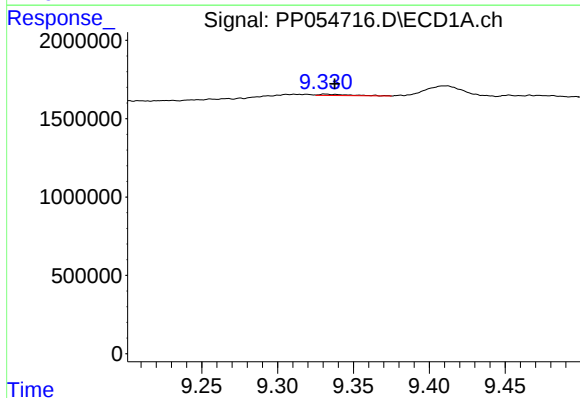
R.T.: 8.917 min
Delta R.T.: 0.005 min
Response: 171507
Conc: 1.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



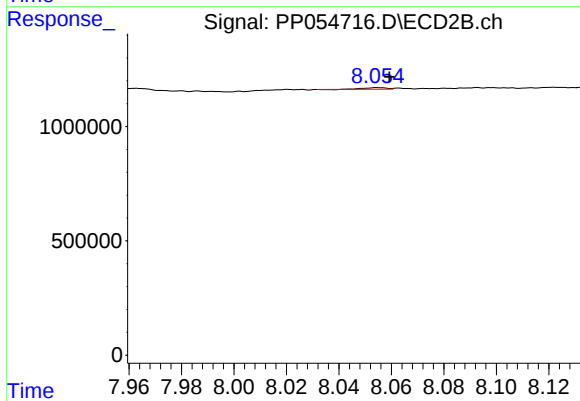
#43 AR-1268-3

R.T.: 7.773 min
Delta R.T.: 0.000 min
Response: 195372
Conc: 1.10 ng/ml



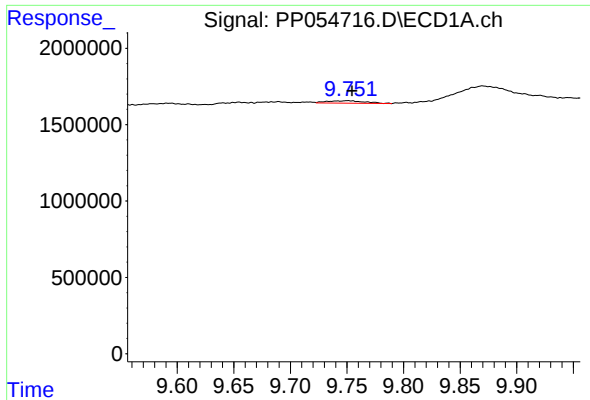
#44 AR-1268-4

R.T.: 9.331 min
Delta R.T.: -0.006 min
Response: 115244
Conc: 1.79 ng/ml



#44 AR-1268-4

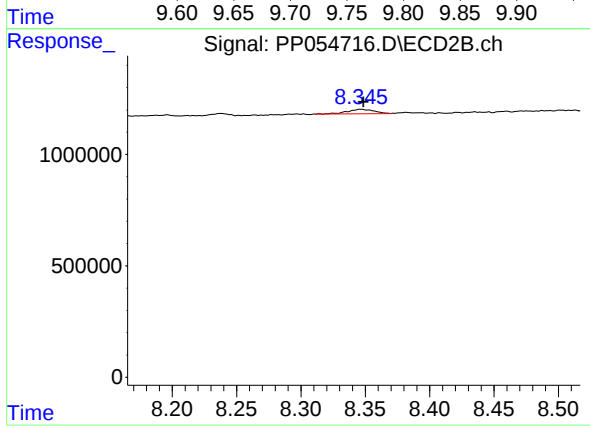
R.T.: 8.055 min
Delta R.T.: -0.004 min
Response: 36768
Conc: 0.54 ng/ml



#45 AR-1268-5

R.T.: 9.751 min
Delta R.T.: -0.004 min
Response: 367114
Conc: 0.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.347 min
Delta R.T.: -0.002 min
Response: 297870
Conc: 0.58 ng/ml