

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010923\
 Data File : PP054343.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jan 2023 20:12
 Operator : YP\AJ
 Sample : 01055-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 09 23:34:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 05 03:46:53 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.337	3.586	44475909	32557364	21.963	20.184
2)	SA Decachlor...	10.098	8.610	25178690	25924747	17.532	18.378
Target Compounds							
3)	L1 AR-1016-1	5.517	0.000	277890	0	3.761	N.D. #
4)	L1 AR-1016-2	5.529	0.000	260099	0	2.437	N.D. #
5)	L1 AR-1016-3	5.579f	0.000	819825	0	11.983	N.D. #
6)	L1 AR-1016-4	5.667f	0.000	272987	0	5.243	N.D. #
7)	L1 AR-1016-5	5.986	5.113	28456	139202	0.628	3.166 #
8)	L2 AR-1221-1	4.543	3.783f	9142365	97540	380.231	5.105 #
9)	L2 AR-1221-2	4.644	3.867f	632324	4702380	35.690	318.918 #
10)	L2 AR-1221-3	4.702	0.000	244988	0	4.545	N.D. #
11)	L3 AR-1232-1	4.702	0.000	244988	0	5.446	N.D. #
12)	L3 AR-1232-2	5.245	0.000	399613	0	15.314	N.D. #
13)	L3 AR-1232-3	5.529	0.000	260099	0	5.654	N.D. #
14)	L3 AR-1232-4	5.667f	0.000	272987	0	12.191	N.D. #
15)	L3 AR-1232-5	5.783	5.113	111646	139202	6.274	7.710
16)	L4 AR-1242-1	5.517	0.000	277890	0	4.680	N.D. #
17)	L4 AR-1242-2	5.529	0.000	260099	0	3.042	N.D. #
18)	L4 AR-1242-3	5.579f	0.000	819825	0	15.005	N.D. #
19)	L4 AR-1242-4	5.667f	0.000	272987	0	6.513	N.D. #
20)	L4 AR-1242-5	6.441	5.482	316140	269807	9.631	7.171 #
21)	L5 AR-1248-1	5.517	0.000	277890	0	6.190	N.D. #
22)	L5 AR-1248-2	5.783	0.000	111646	0	1.757	N.D. #
23)	L5 AR-1248-3	5.986	0.000	28456	0	0.480	N.D. #
24)	L5 AR-1248-4	6.394	5.113	206014	139202	3.556	2.359 #
25)	L5 AR-1248-5	6.441	5.498f	316140	285341	5.698	5.753
26)	L6 AR-1254-1	6.368	5.482	490444	269807	7.893	3.146 #
27)	L6 AR-1254-2	6.590	5.625	417870	315673	4.453	4.249
28)	L6 AR-1254-3	6.958	6.030	475759	613461	5.012	5.285
29)	L6 AR-1254-4	7.237	6.264	177495	159324	2.617	2.531
30)	L6 AR-1254-5	7.677	6.678	666974	424481	8.774	4.439 #
31)	L7 AR-1260-1	7.120	6.160	177201	271494	2.273	3.205 #
32)	L7 AR-1260-2	7.369	6.350	786399	284805	8.780	2.978 #
33)	L7 AR-1260-3	7.748	6.503	48728	397044	0.713	4.344 #
34)	L7 AR-1260-4	7.967	6.962f	283578	138912	3.559	1.832 #
35)	L7 AR-1260-5	8.276	7.220	321925	293242	2.245	1.851
36)	L8 AR-1262-1	7.748	0.000	48728	0	0.579	N.D. #
37)	L8 AR-1262-2	8.276	6.962f	321925	138912	2.275	1.604 #
38)	L8 AR-1262-3	8.606	7.500	91747	54587	0.886	0.818
39)	L8 AR-1262-4	8.700	7.569	56561	76621	1.117	0.655 #
40)	L8 AR-1262-5	9.346	0.000	23340	0	0.415	N.D. #
41)	L9 AR-1268-1	8.606	7.500	91747	54587	0.471	0.269 #

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 Sample : 01055-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

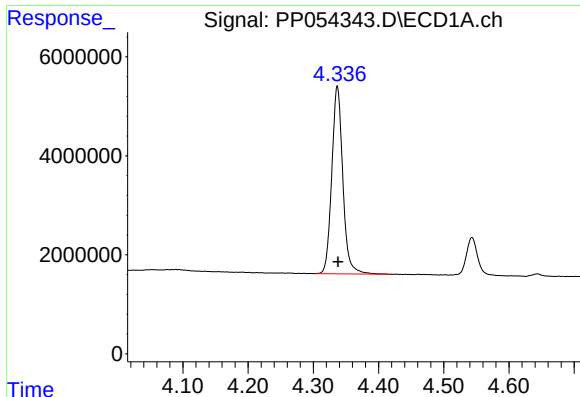
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 09 23:34:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010423.M
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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	8.700	7.569	56561	76621	0.321	0.416 #
43) L9	AR-1268-3	8.918	7.784	98605	48455	0.636	0.283 #
44) L9	AR-1268-4	9.346	0.000	23340	0	0.341	N.D. #
45) L9	AR-1268-5	9.757	8.358	279127	282722	0.548	0.578

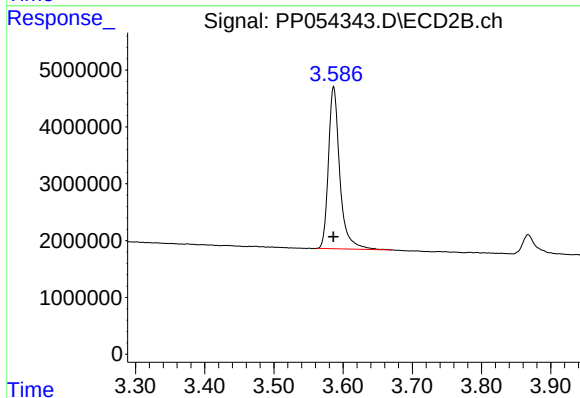
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

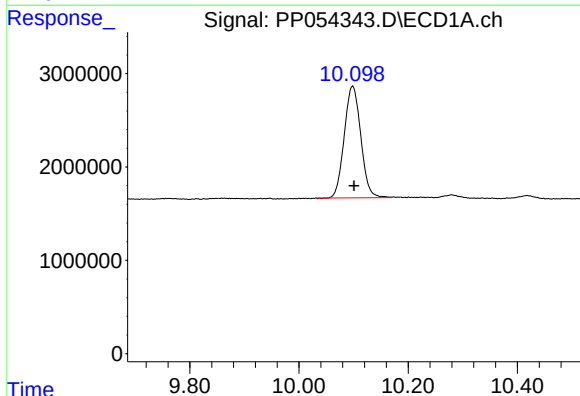
R.T.: 4.337 min
Delta R.T.: -0.001 min
Response: 44475909
Conc: 21.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



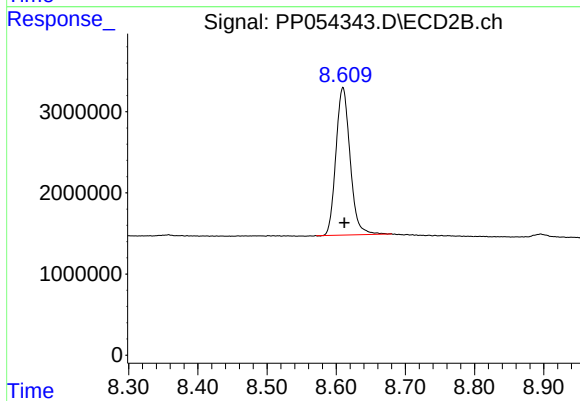
#1 Tetrachloro-m-xylene

R.T.: 3.586 min
Delta R.T.: 0.000 min
Response: 32557364
Conc: 20.18 ng/ml



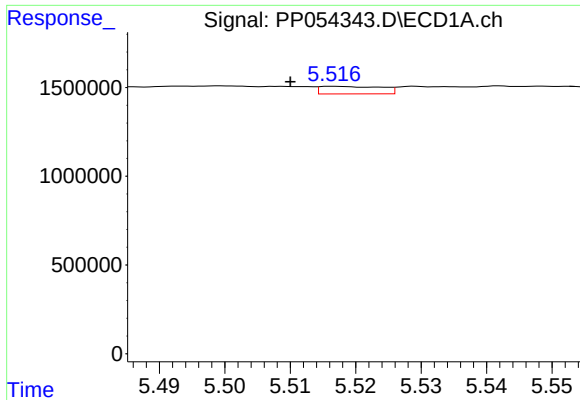
#2 Decachlorobiphenyl

R.T.: 10.098 min
Delta R.T.: -0.003 min
Response: 25178690
Conc: 17.53 ng/ml



#2 Decachlorobiphenyl

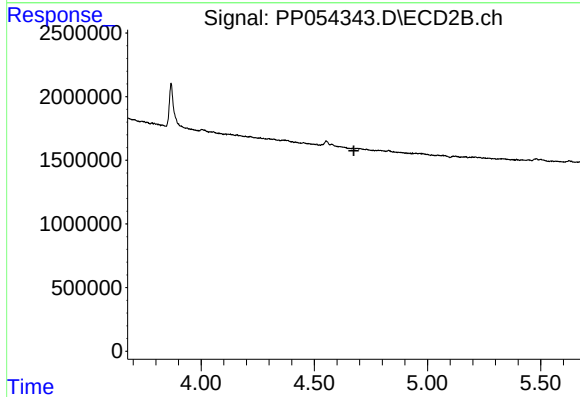
R.T.: 8.610 min
Delta R.T.: -0.002 min
Response: 25924747
Conc: 18.38 ng/ml



#3 AR-1016-1

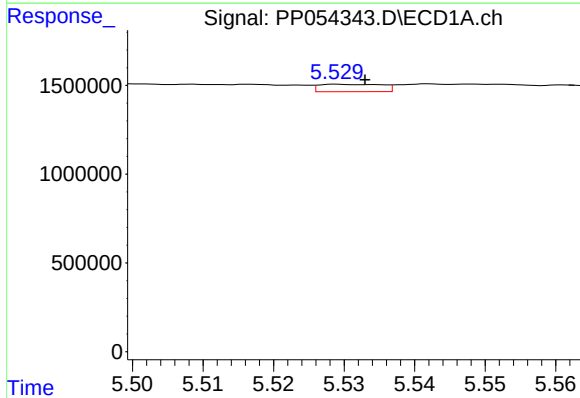
R.T.: 5.517 min
Delta R.T.: 0.007 min
Response: 277890
Conc: 3.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



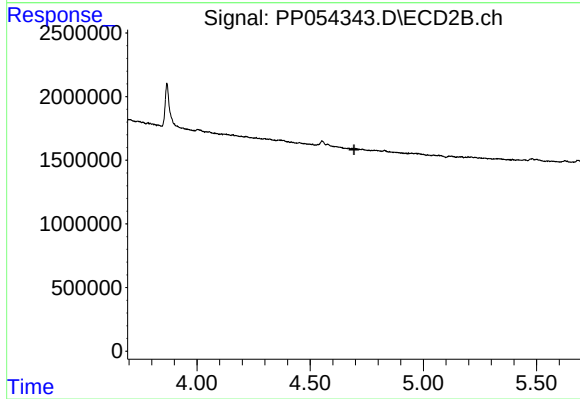
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.674 min
Response: 0
Conc: N.D.



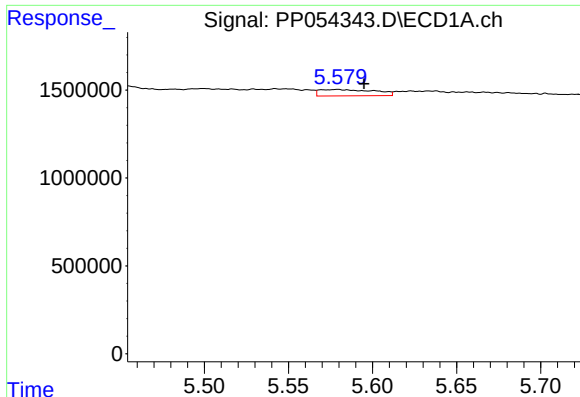
#4 AR-1016-2

R.T.: 5.529 min
Delta R.T.: -0.004 min
Response: 260099
Conc: 2.44 ng/ml



#4 AR-1016-2

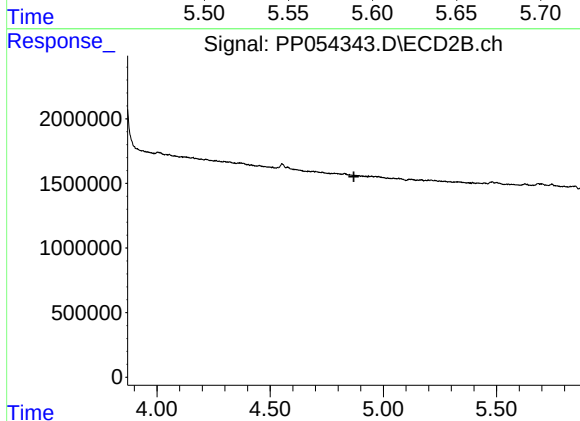
R.T.: 0.000 min
Exp R.T. : 4.693 min
Response: 0
Conc: N.D.



#5 AR-1016-3

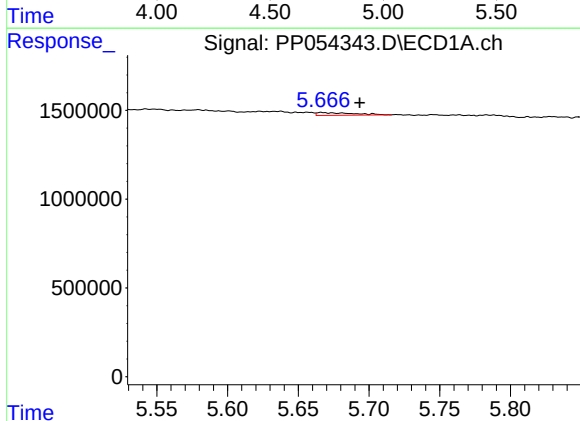
R.T.: 5.579 min
Delta R.T.: -0.016 min
Response: 819825
Conc: 11.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



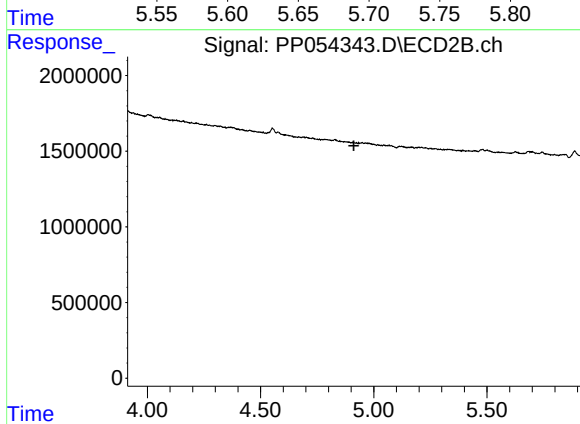
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.870 min
Response: 0
Conc: N.D.



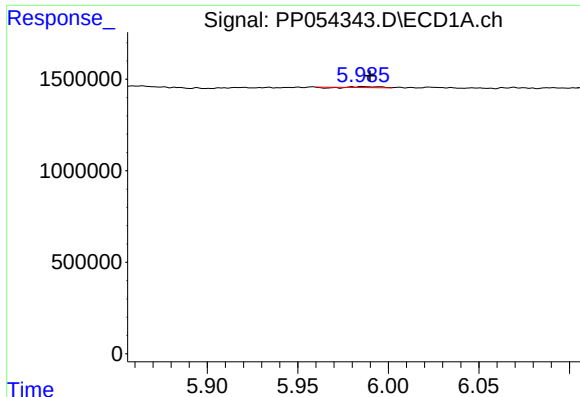
#6 AR-1016-4

R.T.: 5.667 min
Delta R.T.: -0.027 min
Response: 272987
Conc: 5.24 ng/ml



#6 AR-1016-4

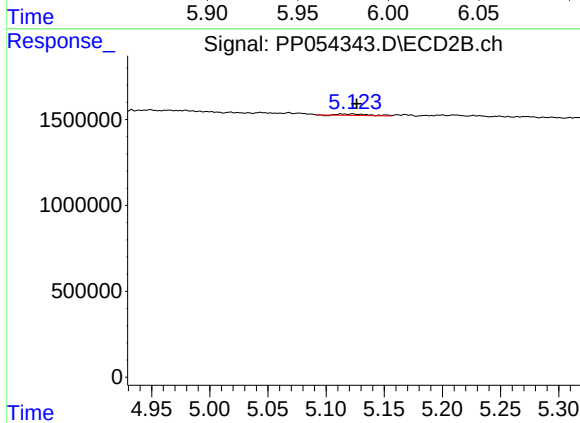
R.T.: 0.000 min
Exp R.T. : 4.912 min
Response: 0
Conc: N.D.



#7 AR-1016-5

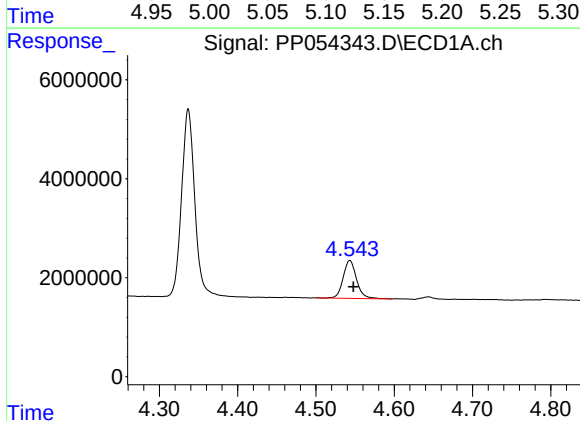
R.T.: 5.986 min
Delta R.T.: -0.004 min
Response: 28456
Conc: 0.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



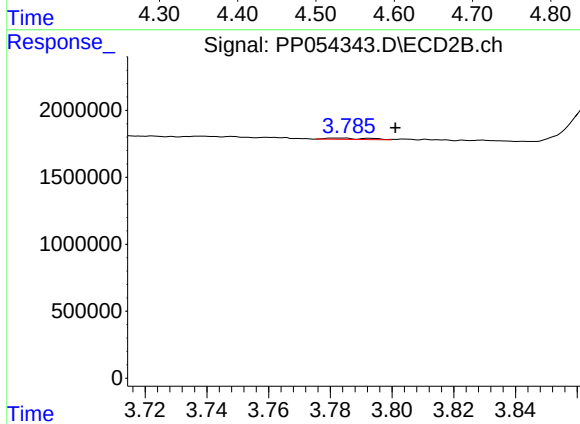
#7 AR-1016-5

R.T.: 5.113 min
Delta R.T.: -0.013 min
Response: 139202
Conc: 3.17 ng/ml



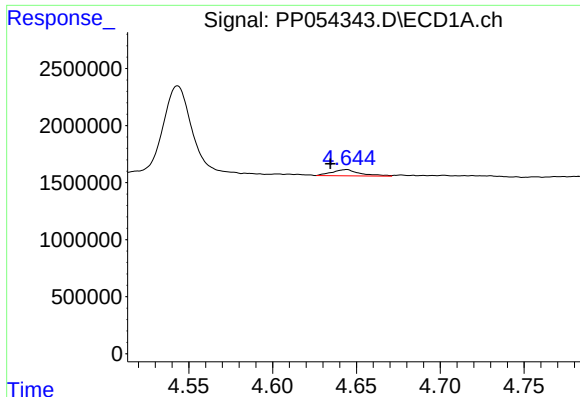
#8 AR-1221-1

R.T.: 4.543 min
Delta R.T.: -0.005 min
Response: 9142365
Conc: 380.23 ng/ml



#8 AR-1221-1

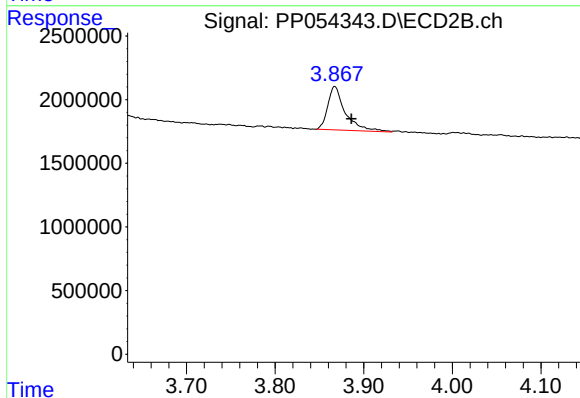
R.T.: 3.783 min
Delta R.T.: -0.018 min
Response: 97540
Conc: 5.10 ng/ml



#9 AR-1221-2

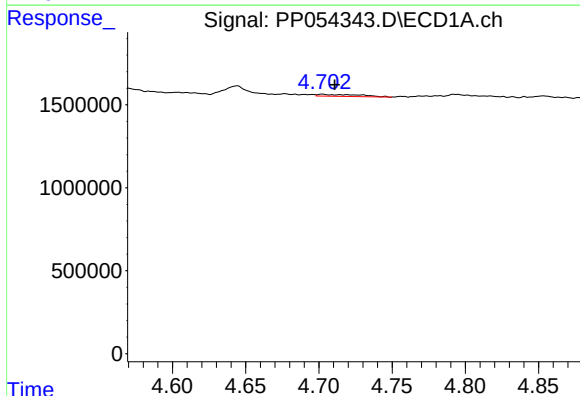
R.T.: 4.644 min
Delta R.T.: 0.009 min
Response: 632324
Conc: 35.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



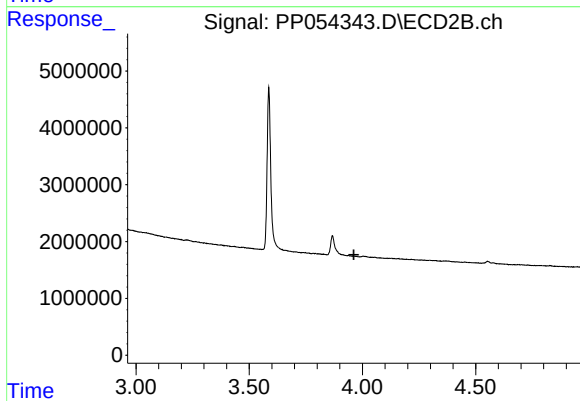
#9 AR-1221-2

R.T.: 3.867 min
Delta R.T.: -0.019 min
Response: 4702380
Conc: 318.92 ng/ml



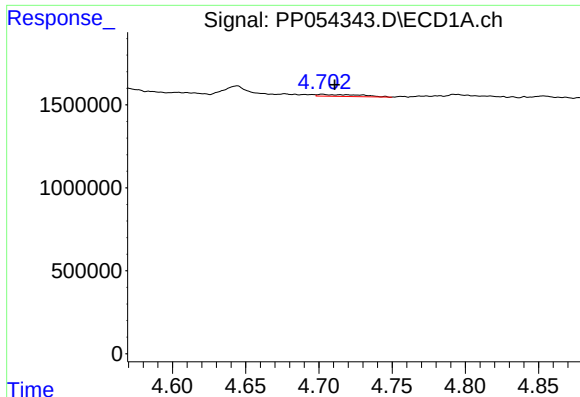
#10 AR-1221-3

R.T.: 4.702 min
Delta R.T.: -0.008 min
Response: 244988
Conc: 4.55 ng/ml



#10 AR-1221-3

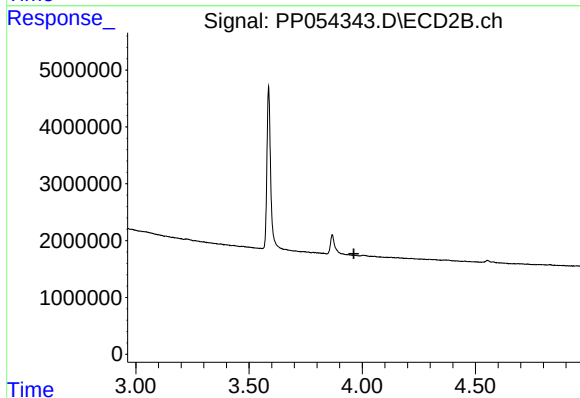
R.T.: 0.000 min
Exp R.T. : 3.963 min
Response: 0
Conc: N.D.



#11 AR-1232-1

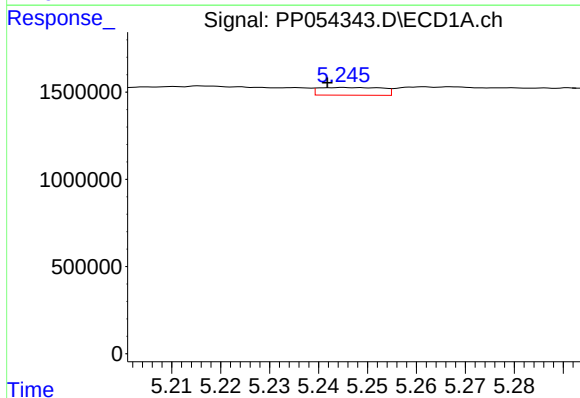
R.T.: 4.702 min
Delta R.T.: -0.009 min
Response: 244988
Conc: 5.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



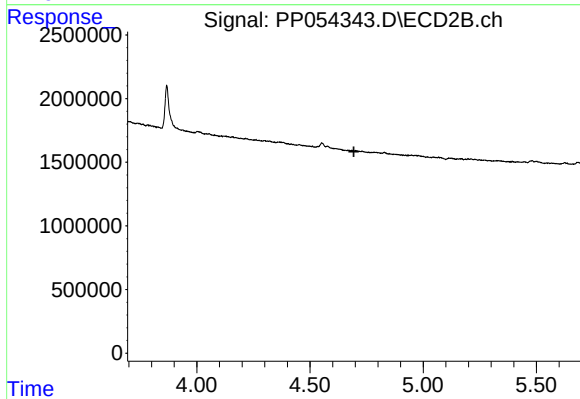
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.963 min
Response: 0
Conc: N.D.



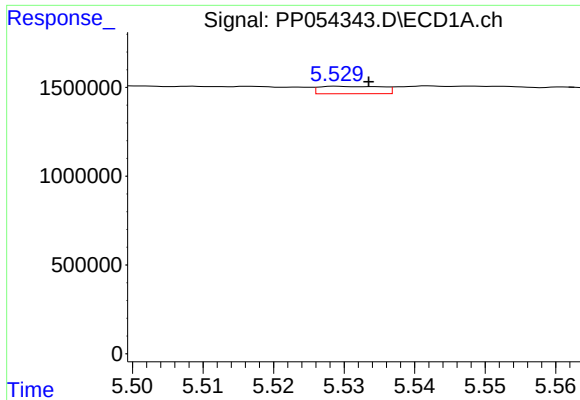
#12 AR-1232-2

R.T.: 5.245 min
Delta R.T.: 0.003 min
Response: 399613
Conc: 15.31 ng/ml



#12 AR-1232-2

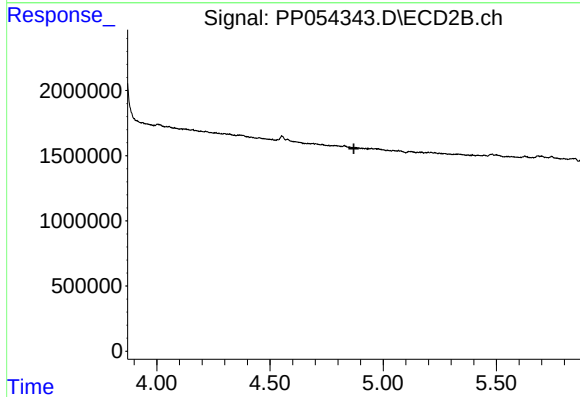
R.T.: 0.000 min
Exp R.T. : 4.694 min
Response: 0
Conc: N.D.



#13 AR-1232-3

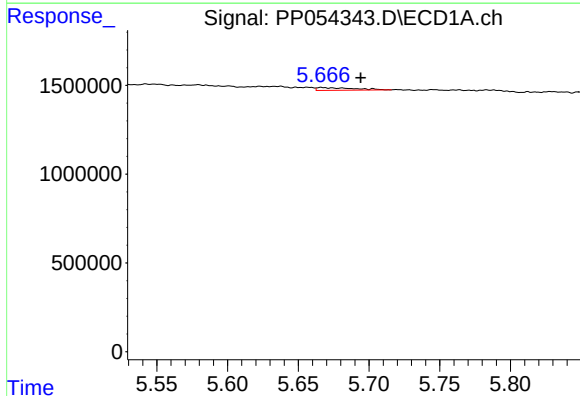
R.T.: 5.529 min
Delta R.T.: -0.004 min
Response: 260099
Conc: 5.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



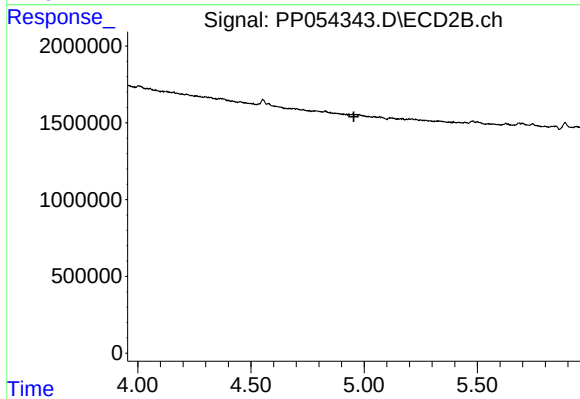
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.871 min
Response: 0
Conc: N.D.



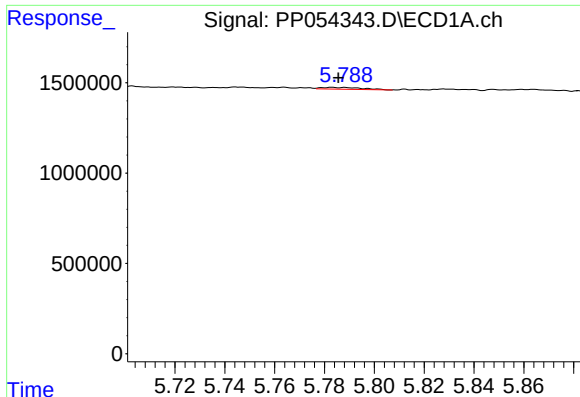
#14 AR-1232-4

R.T.: 5.667 min
Delta R.T.: -0.028 min
Response: 272987
Conc: 12.19 ng/ml



#14 AR-1232-4

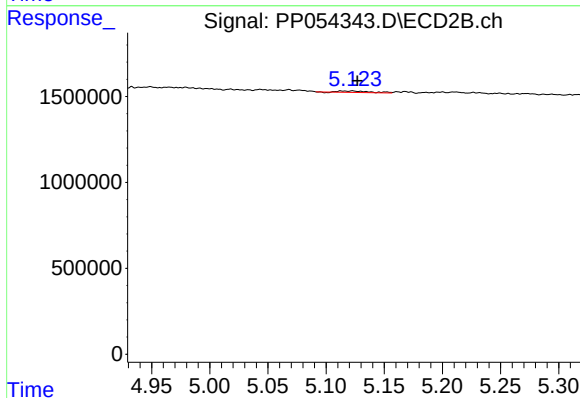
R.T.: 0.000 min
Exp R.T. : 4.955 min
Response: 0
Conc: N.D.



#15 AR-1232-5

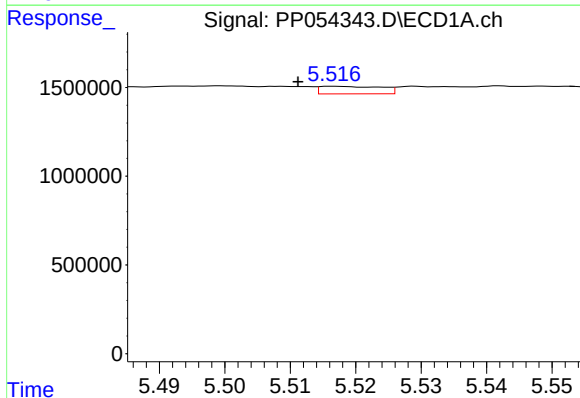
R.T.: 5.783 min
Delta R.T.: -0.002 min
Response: 111646
Conc: 6.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



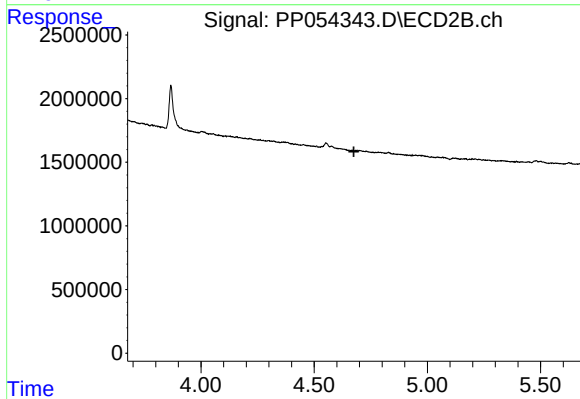
#15 AR-1232-5

R.T.: 5.113 min
Delta R.T.: -0.014 min
Response: 139202
Conc: 7.71 ng/ml



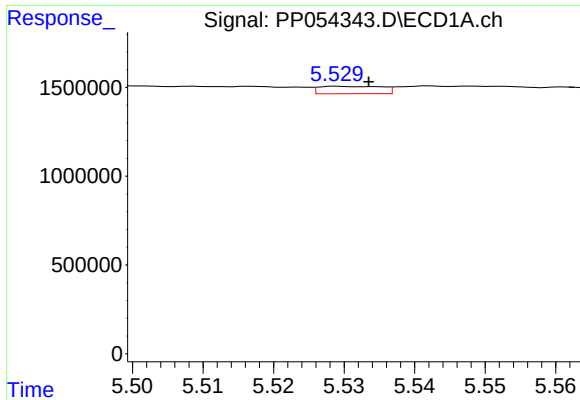
#16 AR-1242-1

R.T.: 5.517 min
Delta R.T.: 0.005 min
Response: 277890
Conc: 4.68 ng/ml



#16 AR-1242-1

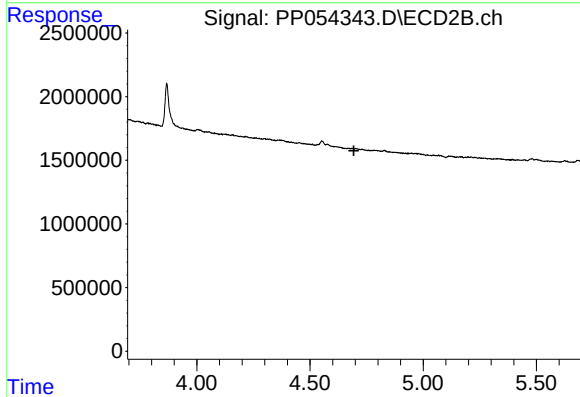
R.T.: 0.000 min
Exp R.T. : 4.675 min
Response: 0
Conc: N.D.



#17 AR-1242-2

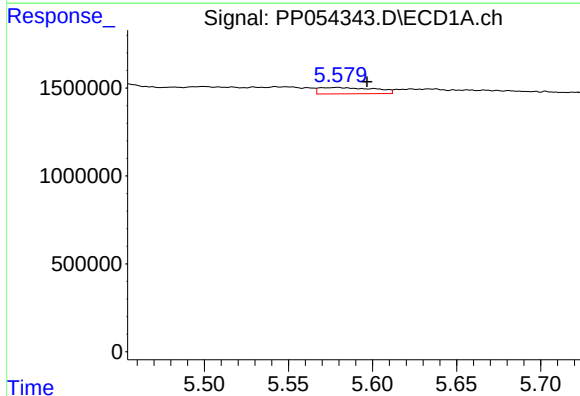
R.T.: 5.529 min
Delta R.T.: -0.004 min
Response: 260099
Conc: 3.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



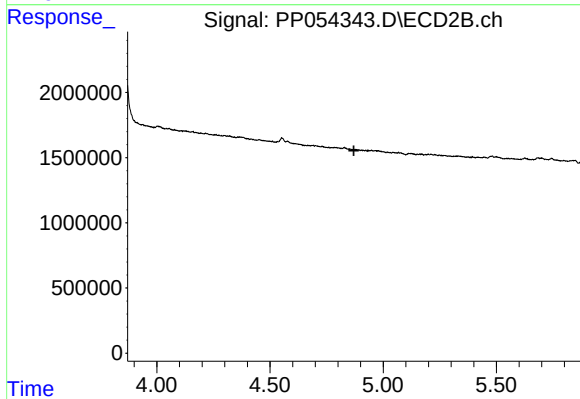
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.694 min
Response: 0
Conc: N.D.



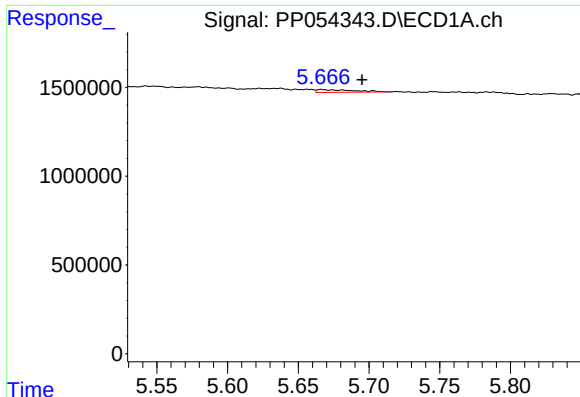
#18 AR-1242-3

R.T.: 5.579 min
Delta R.T.: -0.018 min
Response: 819825
Conc: 15.00 ng/ml



#18 AR-1242-3

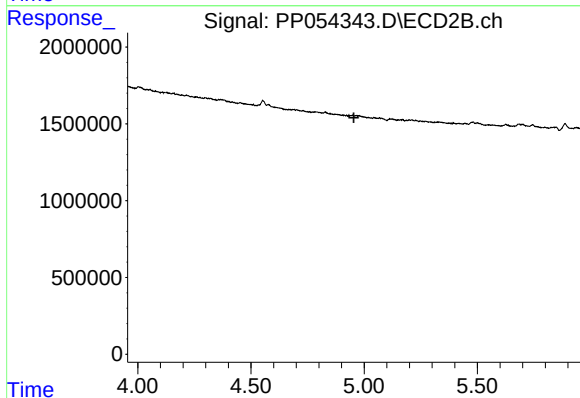
R.T.: 0.000 min
Exp R.T. : 4.871 min
Response: 0
Conc: N.D.



#19 AR-1242-4

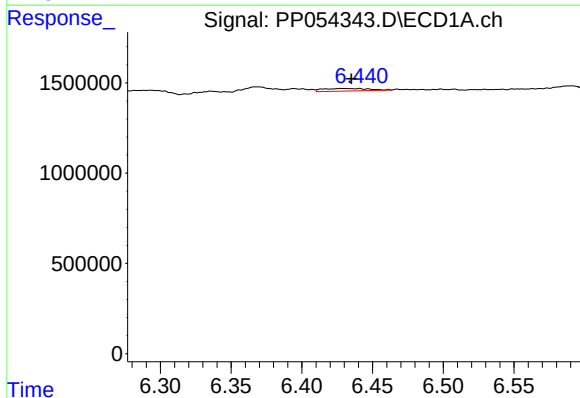
R.T.: 5.667 min
Delta R.T.: -0.029 min
Response: 272987
Conc: 6.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



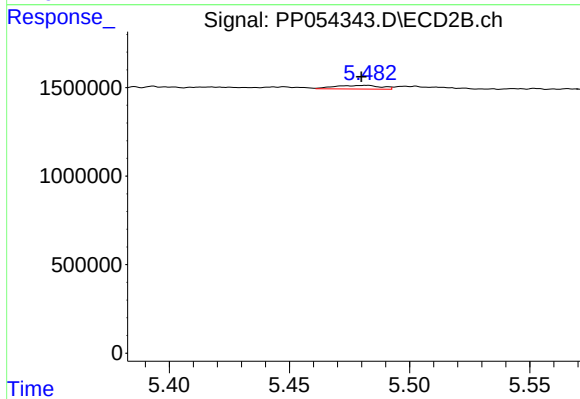
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.955 min
Response: 0
Conc: N.D.



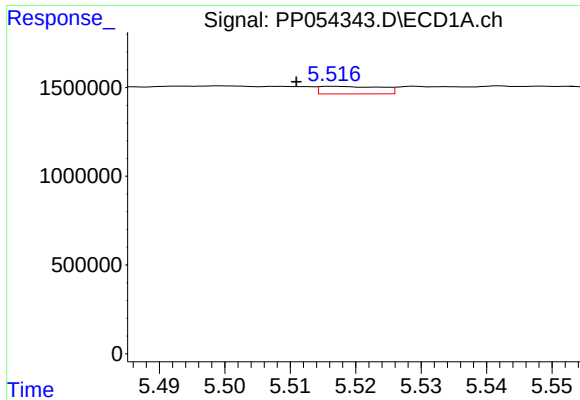
#20 AR-1242-5

R.T.: 6.441 min
Delta R.T.: 0.006 min
Response: 316140
Conc: 9.63 ng/ml



#20 AR-1242-5

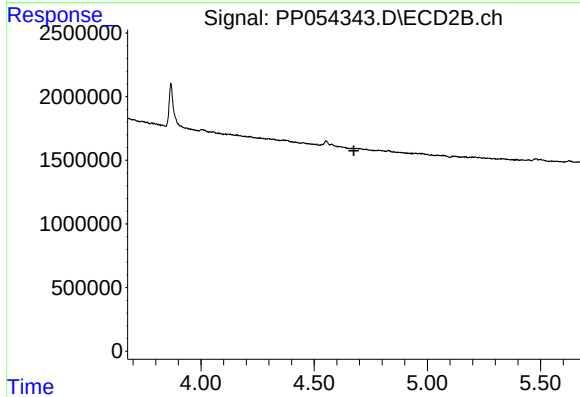
R.T.: 5.482 min
Delta R.T.: 0.002 min
Response: 269807
Conc: 7.17 ng/ml



#21 AR-1248-1

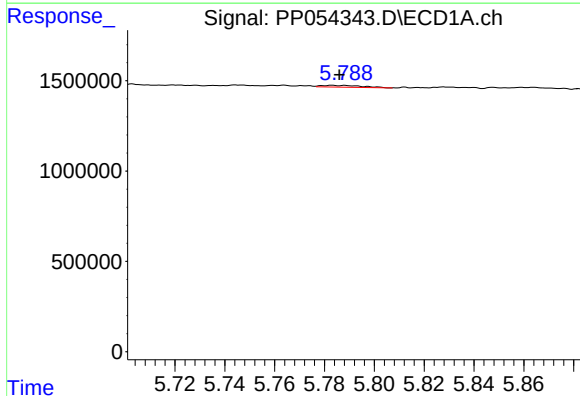
R.T.: 5.517 min
Delta R.T.: 0.006 min
Response: 277890
Conc: 6.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



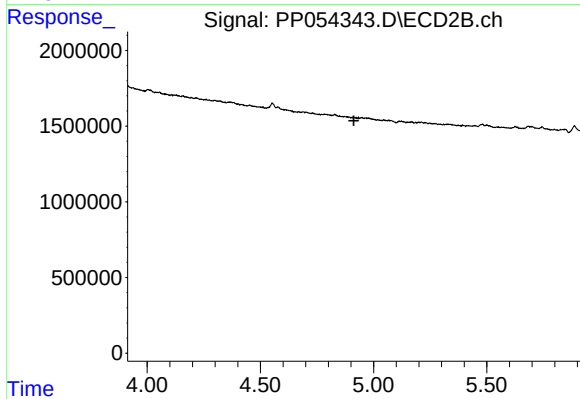
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.675 min
Response: 0
Conc: N.D.



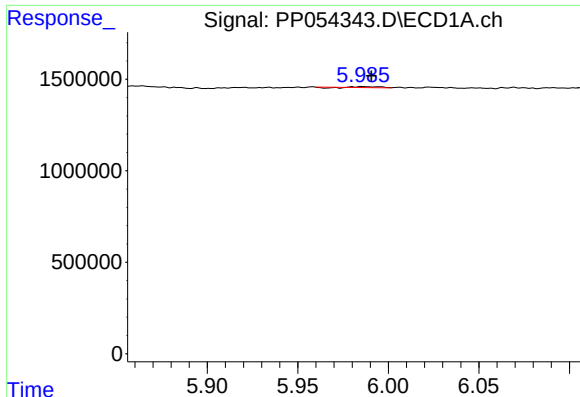
#22 AR-1248-2

R.T.: 5.783 min
Delta R.T.: -0.003 min
Response: 111646
Conc: 1.76 ng/ml



#22 AR-1248-2

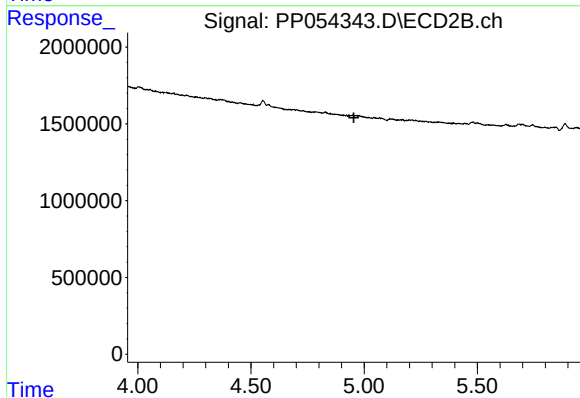
R.T.: 0.000 min
Exp R.T. : 4.913 min
Response: 0
Conc: N.D.



#23 AR-1248-3

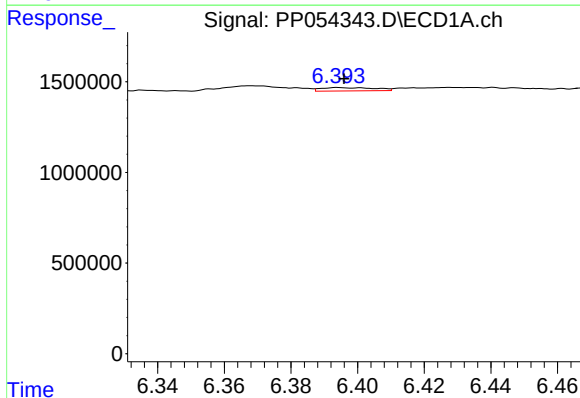
R.T.: 5.986 min
Delta R.T.: -0.005 min
Response: 28456
Conc: 0.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



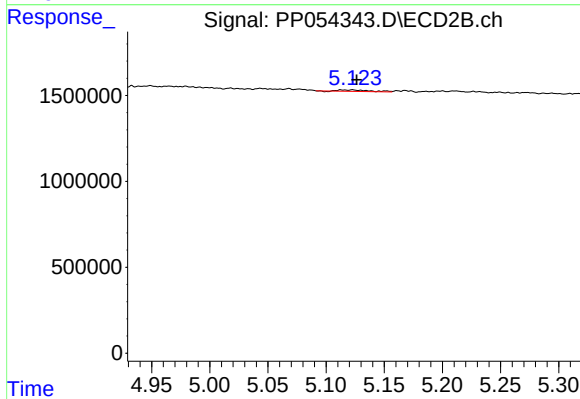
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.954 min
Response: 0
Conc: N.D.



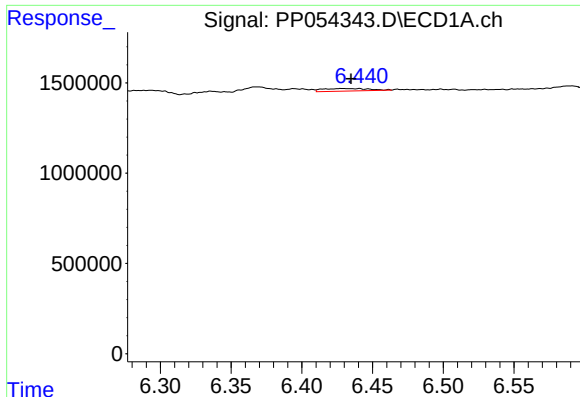
#24 AR-1248-4

R.T.: 6.394 min
Delta R.T.: -0.002 min
Response: 206014
Conc: 3.56 ng/ml



#24 AR-1248-4

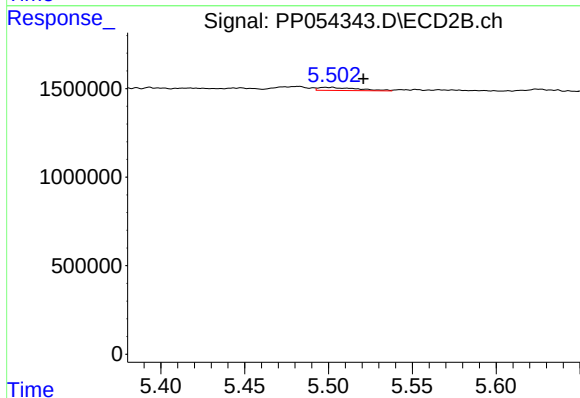
R.T.: 5.113 min
Delta R.T.: -0.013 min
Response: 139202
Conc: 2.36 ng/ml



#25 AR-1248-5

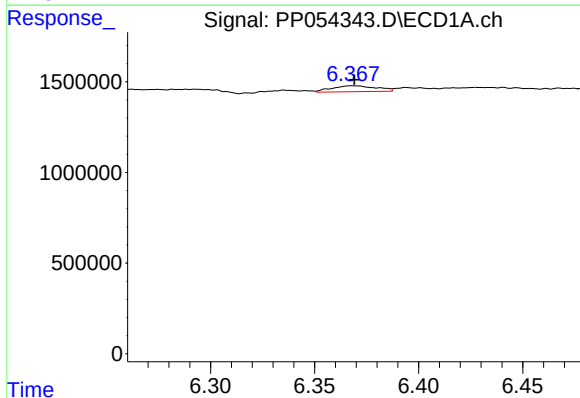
R.T.: 6.441 min
Delta R.T.: 0.006 min
Response: 316140
Conc: 5.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



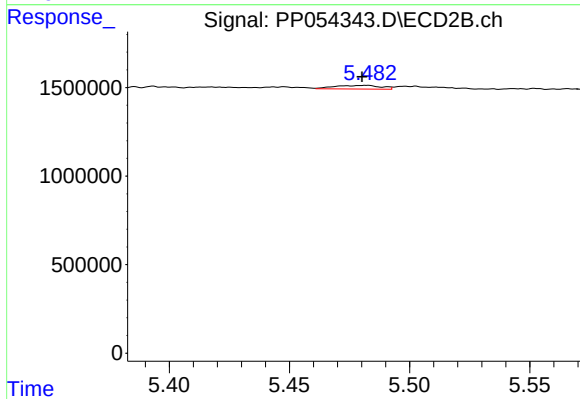
#25 AR-1248-5

R.T.: 5.498 min
Delta R.T.: -0.022 min
Response: 285341
Conc: 5.75 ng/ml



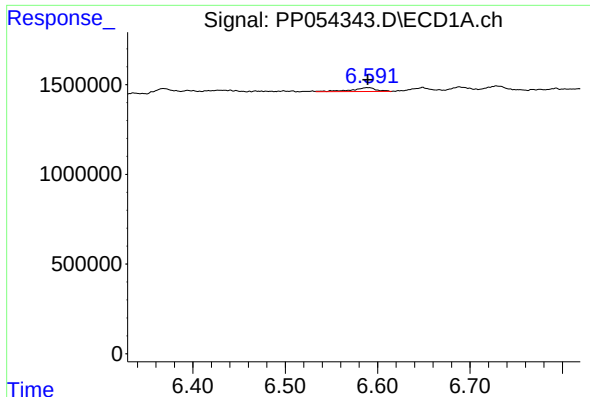
#26 AR-1254-1

R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 490444
Conc: 7.89 ng/ml



#26 AR-1254-1

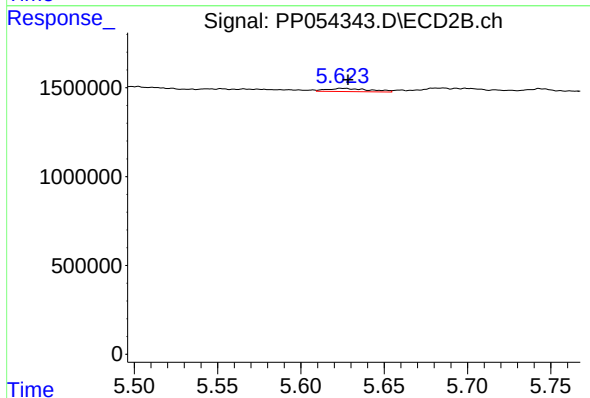
R.T.: 5.482 min
Delta R.T.: 0.002 min
Response: 269807
Conc: 3.15 ng/ml



#27 AR-1254-2

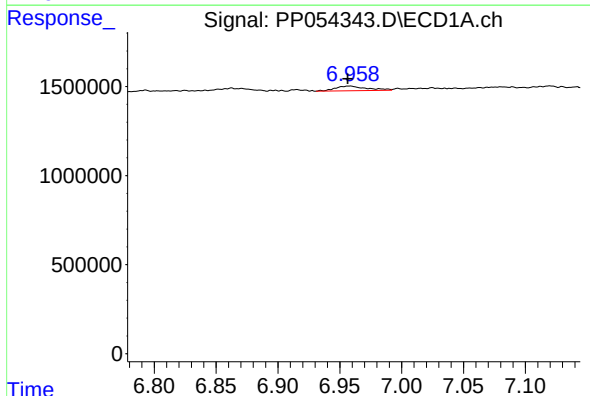
R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 417870
Conc: 4.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



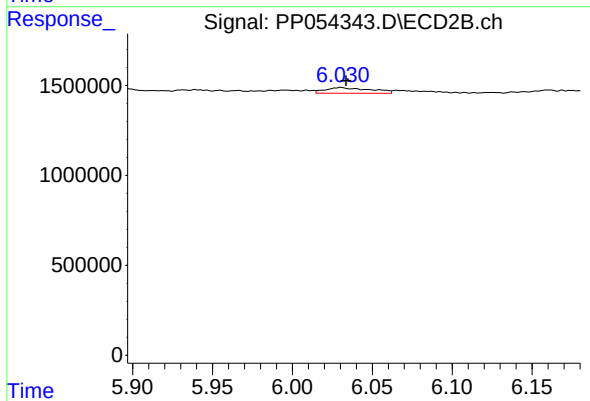
#27 AR-1254-2

R.T.: 5.625 min
Delta R.T.: -0.003 min
Response: 315673
Conc: 4.25 ng/ml



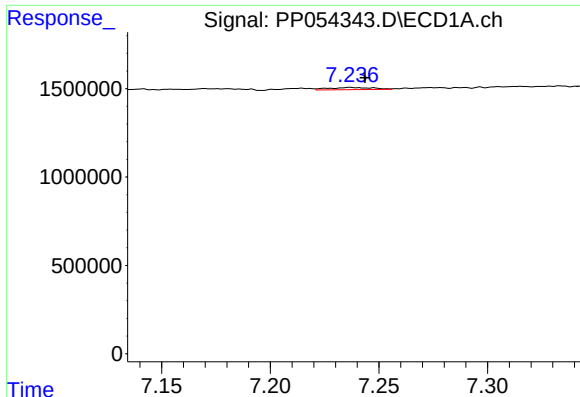
#28 AR-1254-3

R.T.: 6.958 min
Delta R.T.: 0.002 min
Response: 475759
Conc: 5.01 ng/ml



#28 AR-1254-3

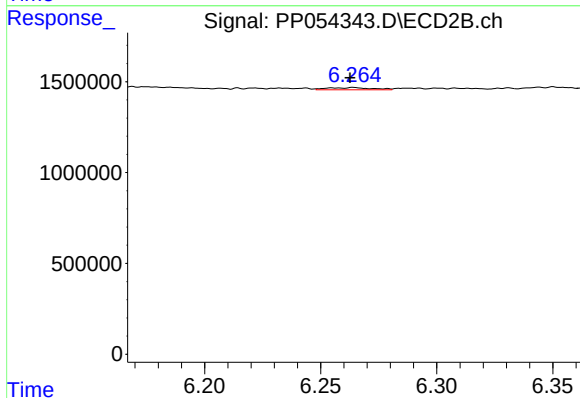
R.T.: 6.030 min
Delta R.T.: -0.003 min
Response: 613461
Conc: 5.29 ng/ml



#29 AR-1254-4

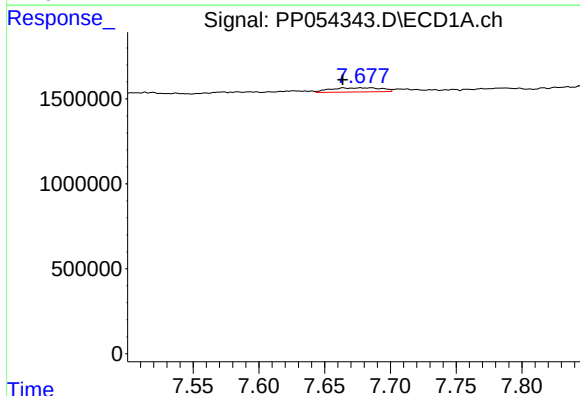
R.T.: 7.237 min
Delta R.T.: -0.007 min
Response: 177495
Conc: 2.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



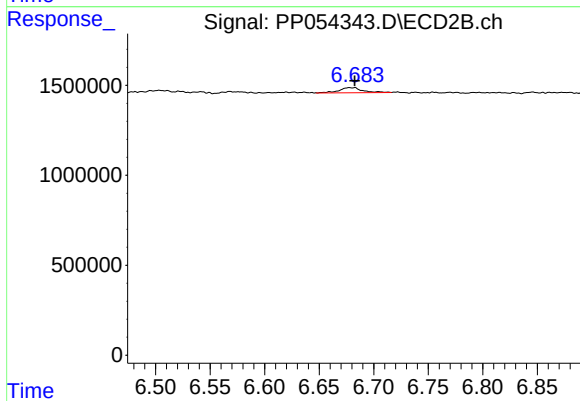
#29 AR-1254-4

R.T.: 6.264 min
Delta R.T.: 0.002 min
Response: 159324
Conc: 2.53 ng/ml



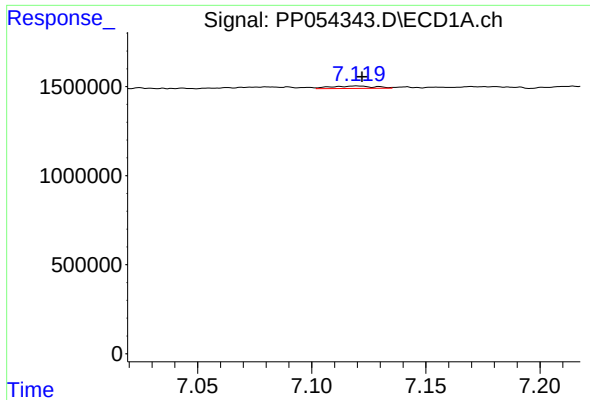
#30 AR-1254-5

R.T.: 7.677 min
Delta R.T.: 0.014 min
Response: 666974
Conc: 8.77 ng/ml



#30 AR-1254-5

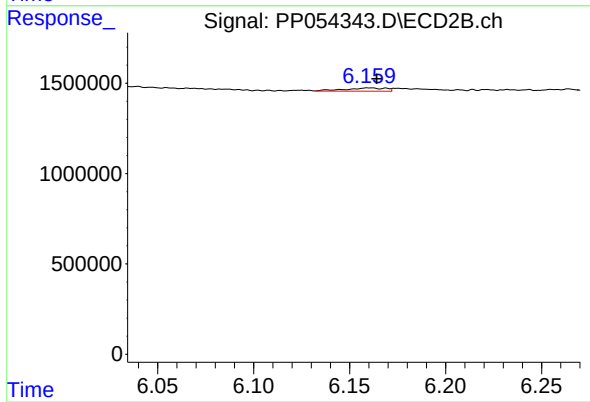
R.T.: 6.678 min
Delta R.T.: -0.005 min
Response: 424481
Conc: 4.44 ng/ml



#31 AR-1260-1

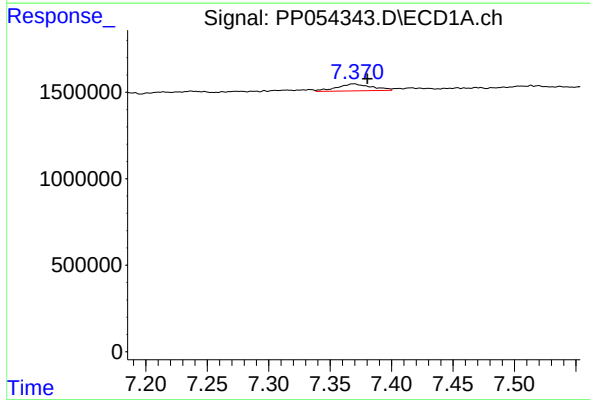
R.T.: 7.120 min
Delta R.T.: -0.002 min
Response: 177201
Conc: 2.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



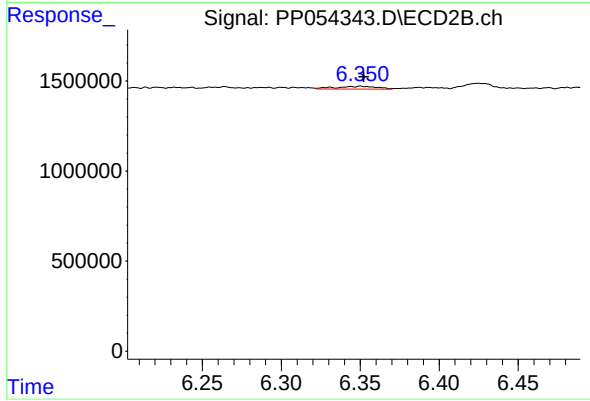
#31 AR-1260-1

R.T.: 6.160 min
Delta R.T.: -0.004 min
Response: 271494
Conc: 3.20 ng/ml



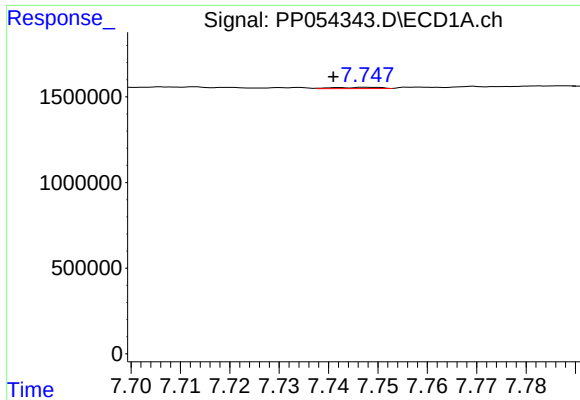
#32 AR-1260-2

R.T.: 7.369 min
Delta R.T.: -0.011 min
Response: 786399
Conc: 8.78 ng/ml



#32 AR-1260-2

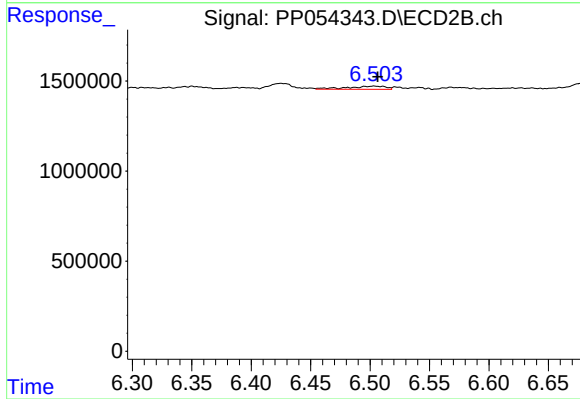
R.T.: 6.350 min
Delta R.T.: -0.002 min
Response: 284805
Conc: 2.98 ng/ml



#33 AR-1260-3

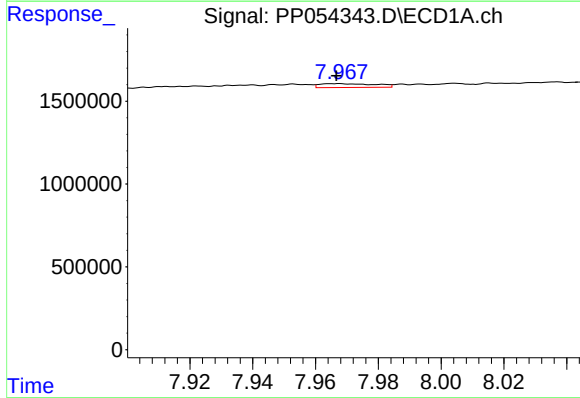
R.T.: 7.748 min
Delta R.T.: 0.007 min
Response: 48728
Conc: 0.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



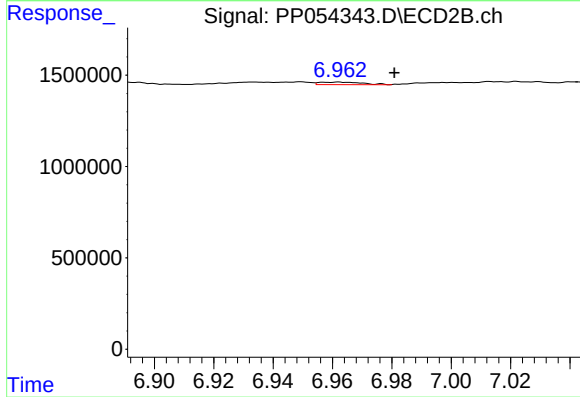
#33 AR-1260-3

R.T.: 6.503 min
Delta R.T.: -0.003 min
Response: 397044
Conc: 4.34 ng/ml



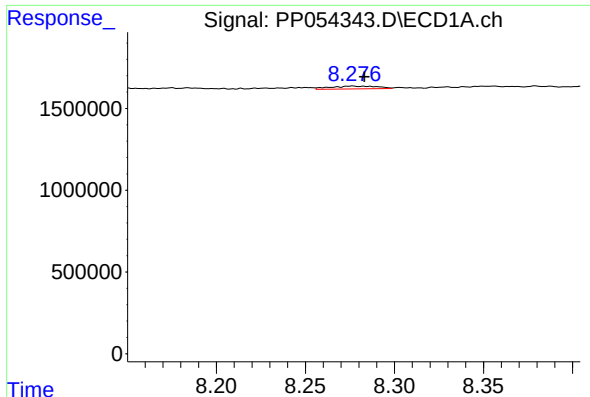
#34 AR-1260-4

R.T.: 7.967 min
Delta R.T.: 0.000 min
Response: 283578
Conc: 3.56 ng/ml



#34 AR-1260-4

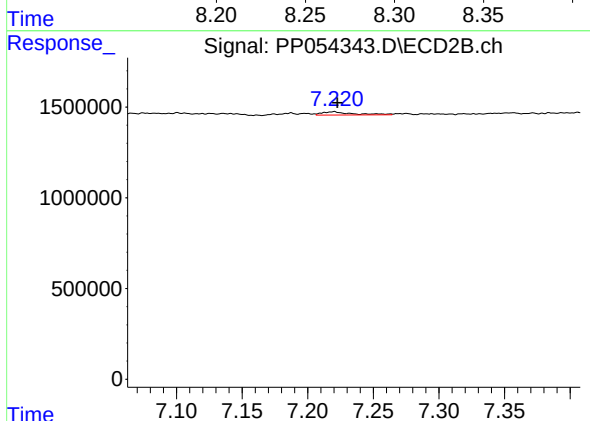
R.T.: 6.962 min
Delta R.T.: -0.019 min
Response: 138912
Conc: 1.83 ng/ml



#35 AR-1260-5

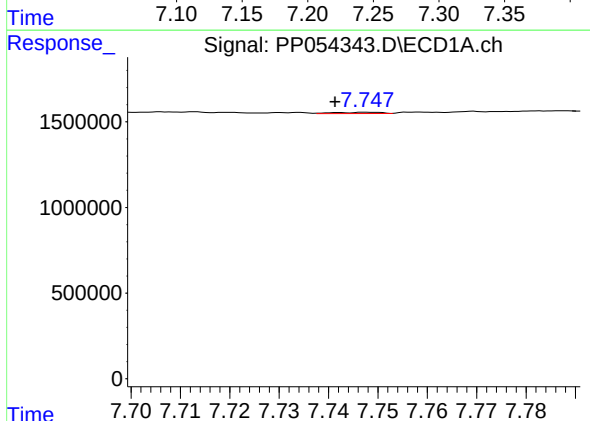
R.T.: 8.276 min
Delta R.T.: -0.007 min
Response: 321925
Conc: 2.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



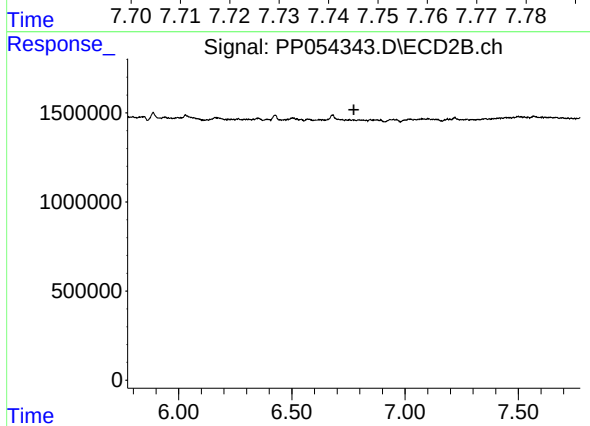
#35 AR-1260-5

R.T.: 7.220 min
Delta R.T.: -0.003 min
Response: 293242
Conc: 1.85 ng/ml



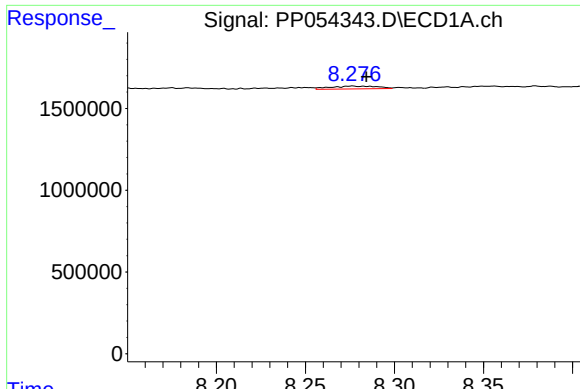
#36 AR-1262-1

R.T.: 7.748 min
Delta R.T.: 0.007 min
Response: 48728
Conc: 0.58 ng/ml



#36 AR-1262-1

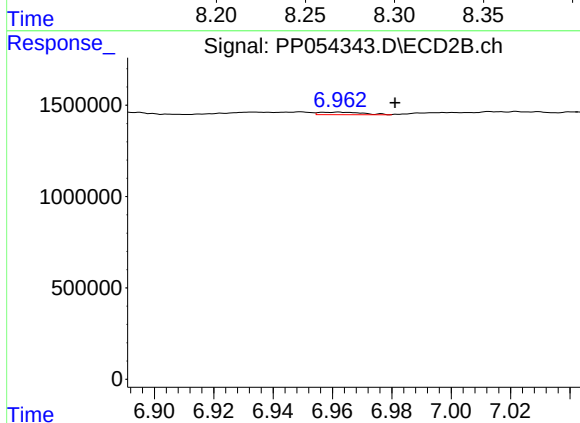
R.T.: 0.000 min
Exp R.T. : 6.774 min
Response: 0
Conc: N.D.



#37 AR-1262-2

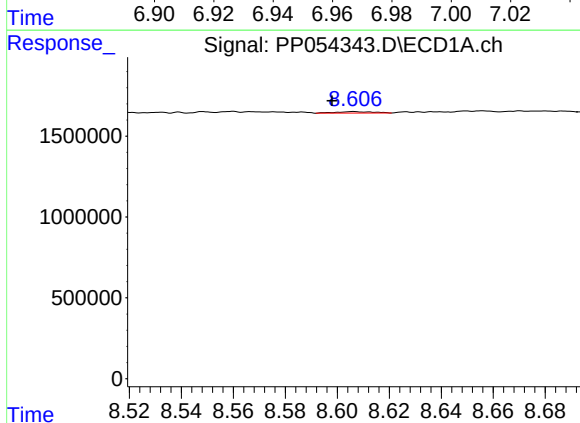
R.T.: 8.276 min
Delta R.T.: -0.008 min
Response: 321925
Conc: 2.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



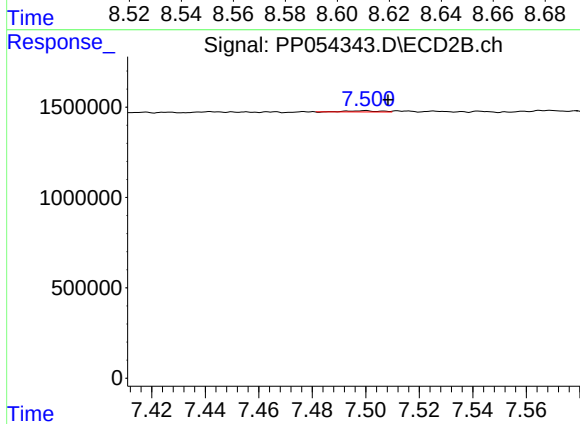
#37 AR-1262-2

R.T.: 6.962 min
Delta R.T.: -0.019 min
Response: 138912
Conc: 1.60 ng/ml



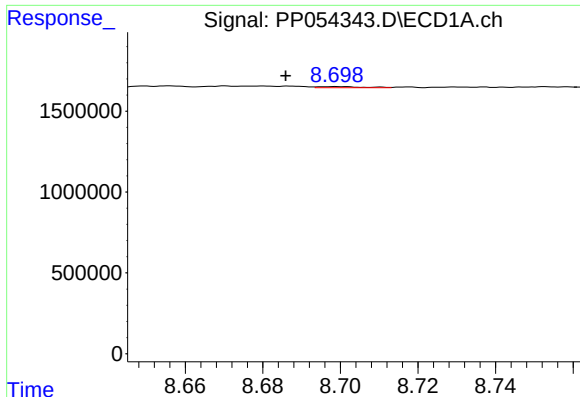
#38 AR-1262-3

R.T.: 8.606 min
Delta R.T.: 0.008 min
Response: 91747
Conc: 0.89 ng/ml



#38 AR-1262-3

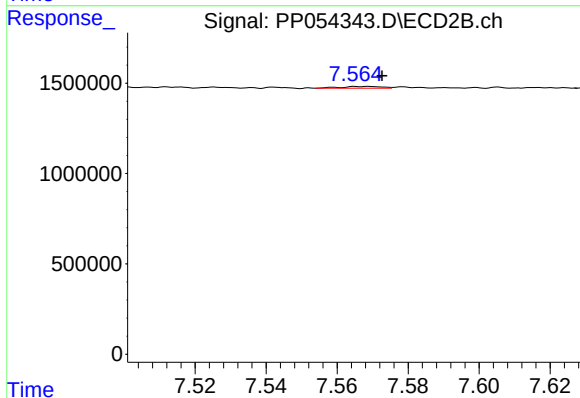
R.T.: 7.500 min
Delta R.T.: -0.009 min
Response: 54587
Conc: 0.82 ng/ml



#39 AR-1262-4

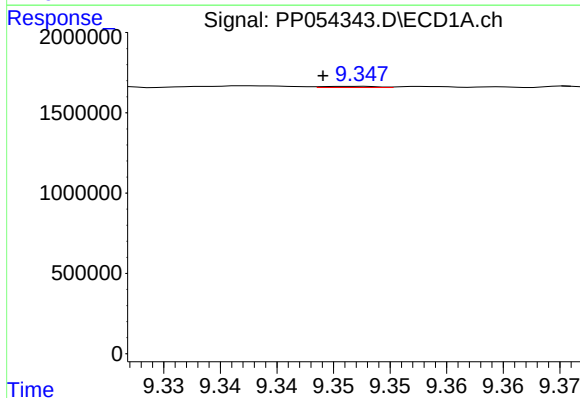
R.T.: 8.700 min
Delta R.T.: 0.014 min
Response: 56561
Conc: 1.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



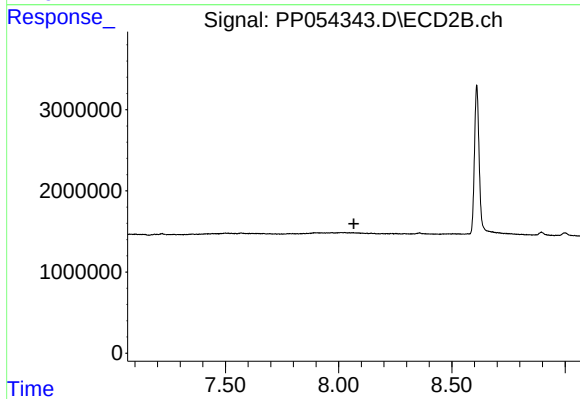
#39 AR-1262-4

R.T.: 7.569 min
Delta R.T.: -0.004 min
Response: 76621
Conc: 0.65 ng/ml



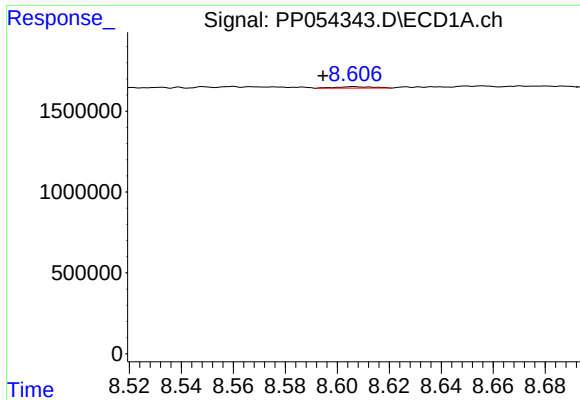
#40 AR-1262-5

R.T.: 9.346 min
Delta R.T.: 0.002 min
Response: 23340
Conc: 0.42 ng/ml



#40 AR-1262-5

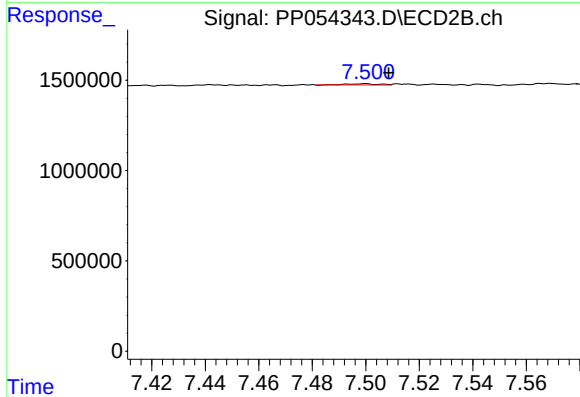
R.T.: 0.000 min
Exp R.T.: 8.067 min
Response: 0
Conc: N.D.



#41 AR-1268-1

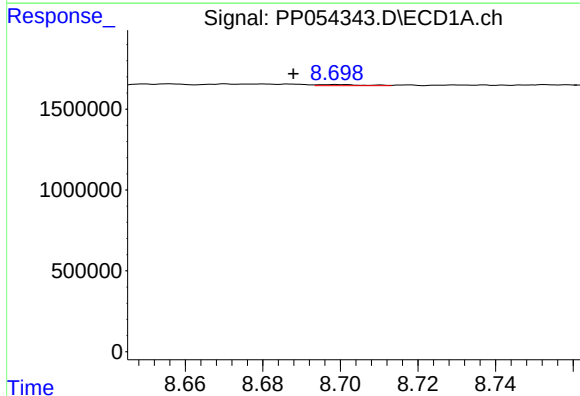
R.T.: 8.606 min
Delta R.T.: 0.012 min
Response: 91747
Conc: 0.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



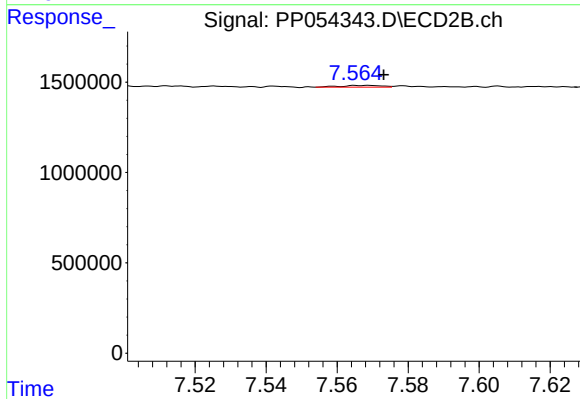
#41 AR-1268-1

R.T.: 7.500 min
Delta R.T.: -0.009 min
Response: 54587
Conc: 0.27 ng/ml



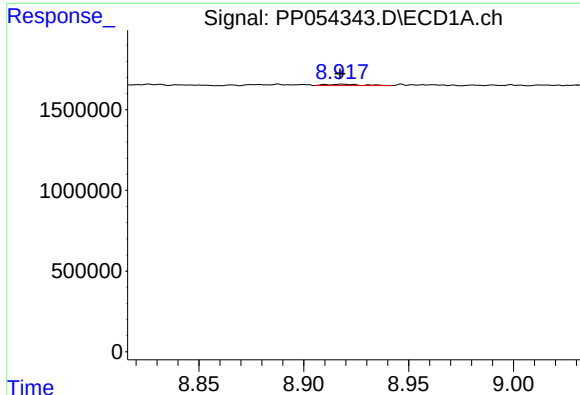
#42 AR-1268-2

R.T.: 8.700 min
Delta R.T.: 0.012 min
Response: 56561
Conc: 0.32 ng/ml



#42 AR-1268-2

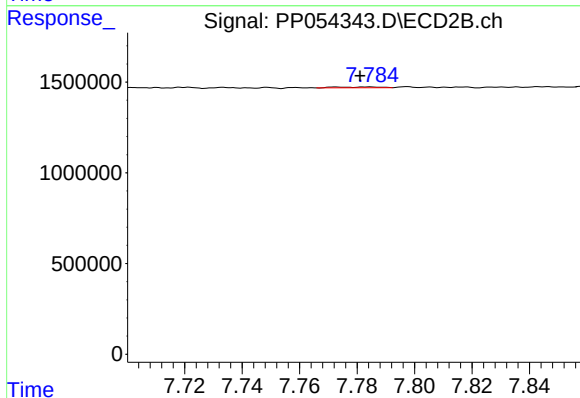
R.T.: 7.569 min
Delta R.T.: -0.004 min
Response: 76621
Conc: 0.42 ng/ml



#43 AR-1268-3

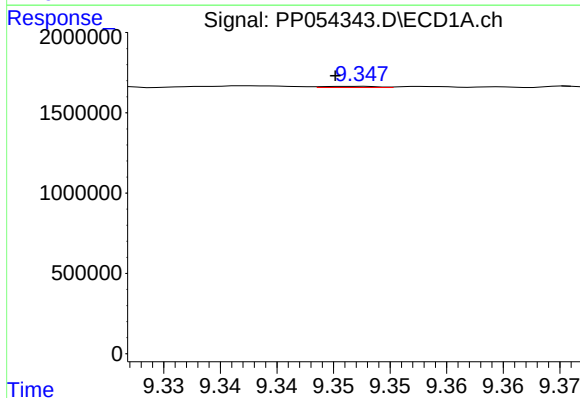
R.T.: 8.918 min
Delta R.T.: 0.000 min
Response: 98605
Conc: 0.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



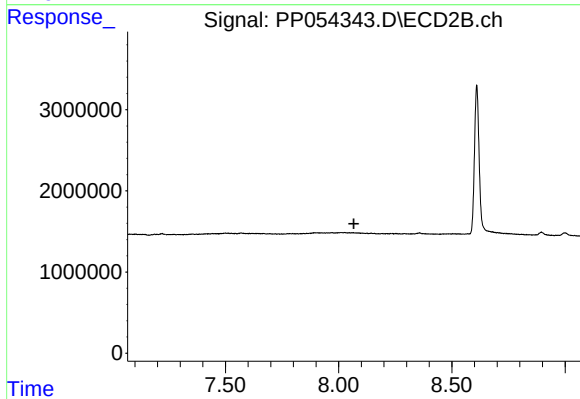
#43 AR-1268-3

R.T.: 7.784 min
Delta R.T.: 0.003 min
Response: 48455
Conc: 0.28 ng/ml



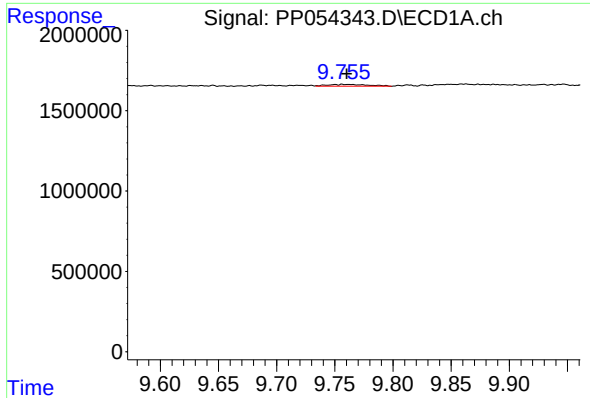
#44 AR-1268-4

R.T.: 9.346 min
Delta R.T.: 0.001 min
Response: 23340
Conc: 0.34 ng/ml



#44 AR-1268-4

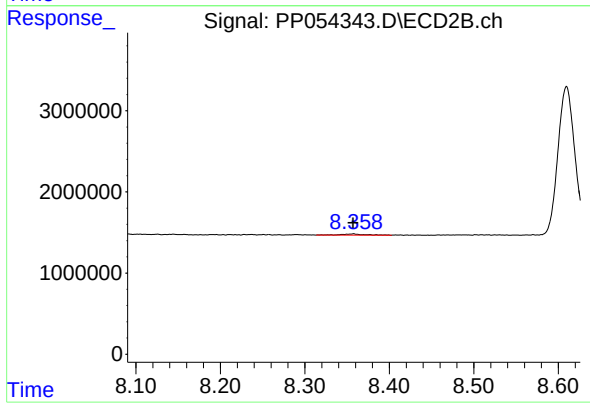
R.T.: 0.000 min
Exp R.T. : 8.067 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.757 min
Delta R.T.: -0.004 min
Response: 279127
Conc: 0.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.358 min
Delta R.T.: 0.000 min
Response: 282722
Conc: 0.58 ng/ml