

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP011023\
 Data File : PP054397.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jan 2023 18:17
 Operator : YP\AJ
 Sample : 01069-01
 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: Jan 11 02:30:11 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	44632415	32050553	22.040	19.870
2)	SA Decachlor...	10.098	8.608	20578193	24285069	14.328	17.215
Target Compounds							
3)	L1 AR-1016-1	5.499	0.000	698494	0	9.452	N.D. #
4)	L1 AR-1016-2	5.532	0.000	524699	0	4.917	N.D. #
5)	L1 AR-1016-3	5.585	0.000	580168	0	8.480	N.D. #
6)	L1 AR-1016-4	5.698	0.000	47481	0	0.912	N.D. #
7)	L1 AR-1016-5	5.996	5.111f	124593	265320	2.752	6.034 #
8)	L2 AR-1221-1	4.544	3.788	26728332	275052	1111.633	14.394 #
9)	L2 AR-1221-2	4.644	3.867f	958496	13337101	54.100	904.529 #
10)	L2 AR-1221-3	4.726	3.959	1171554	1212308	21.736	27.295 #
11)	L3 AR-1232-1	4.726	3.959	1171554	1212308	26.045	32.573 #
12)	L3 AR-1232-2	5.246	0.000	137118	0	5.255	N.D. #
13)	L3 AR-1232-3	5.532	0.000	524699	0	11.407	N.D. #
14)	L3 AR-1232-4	5.698	0.000	47481	0	2.120	N.D. #
15)	L3 AR-1232-5	5.783	5.111f	95832	265320	5.385	14.695 #
16)	L4 AR-1242-1	5.499	0.000	698494	0	11.764	N.D. #
17)	L4 AR-1242-2	5.532	0.000	524699	0	6.137	N.D. #
18)	L4 AR-1242-3	5.585	0.000	580168	0	10.618	N.D. #
19)	L4 AR-1242-4	5.698	0.000	47481	0	1.133	N.D. #
20)	L4 AR-1242-5	6.430	5.473	260976	162560	7.951	4.321 #
21)	L5 AR-1248-1	5.499	0.000	698494	0	15.558	N.D. #
22)	L5 AR-1248-2	5.783	0.000	95832	0	1.508	N.D. #
23)	L5 AR-1248-3	5.996	0.000	124593	0	2.102	N.D. #
24)	L5 AR-1248-4	6.371f	5.111f	116086	265320	2.004	4.496 #
25)	L5 AR-1248-5	6.430	5.500f	260976	255005	4.704	5.142
26)	L6 AR-1254-1	6.371	5.473	116086	162560	1.868	1.896
27)	L6 AR-1254-2	6.586	5.657f	56936	336112	0.607	4.524 #
28)	L6 AR-1254-3	0.000	6.062f	0	545012	N.D.	4.695 #
29)	L6 AR-1254-4	7.249	0.000	53497	0	0.789	N.D. #
31)	L7 AR-1260-1	7.119	0.000	268874	0	3.449	N.D. #
32)	L7 AR-1260-2	7.382	6.337f	296134	663442	3.306	6.937 #
33)	L7 AR-1260-3	7.731	6.501	46851	136122	0.686	1.489 #
34)	L7 AR-1260-4	7.972	6.969	474904	89130	5.961	1.176 #
35)	L7 AR-1260-5	8.290	0.000	94157	0	0.657	N.D. #
36)	L8 AR-1262-1	7.731	0.000	46851	0	0.557	N.D. #
37)	L8 AR-1262-2	8.290	6.969	94157	89130	0.665	1.029 #
38)	L8 AR-1262-3	8.592	0.000	16752	0	0.162	N.D. #
39)	L8 AR-1262-4	8.681	0.000	295265	0	5.832	N.D. #
40)	L8 AR-1262-5	9.371f	8.067	225694	38227	4.018	0.694 #
41)	L9 AR-1268-1	8.592	0.000	16752	0	0.086	N.D. #
42)	L9 AR-1268-2	8.681	0.000	295265	0	1.673	N.D. #

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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
43) L9	AR-1268-3	8.928	0.000	44550	0	0.287	N.D. #
44) L9	AR-1268-4	9.371f	8.067	225694	38227	3.299	0.605 #
45) L9	AR-1268-5	9.782f	8.360	73858	324696	0.145	0.663 #

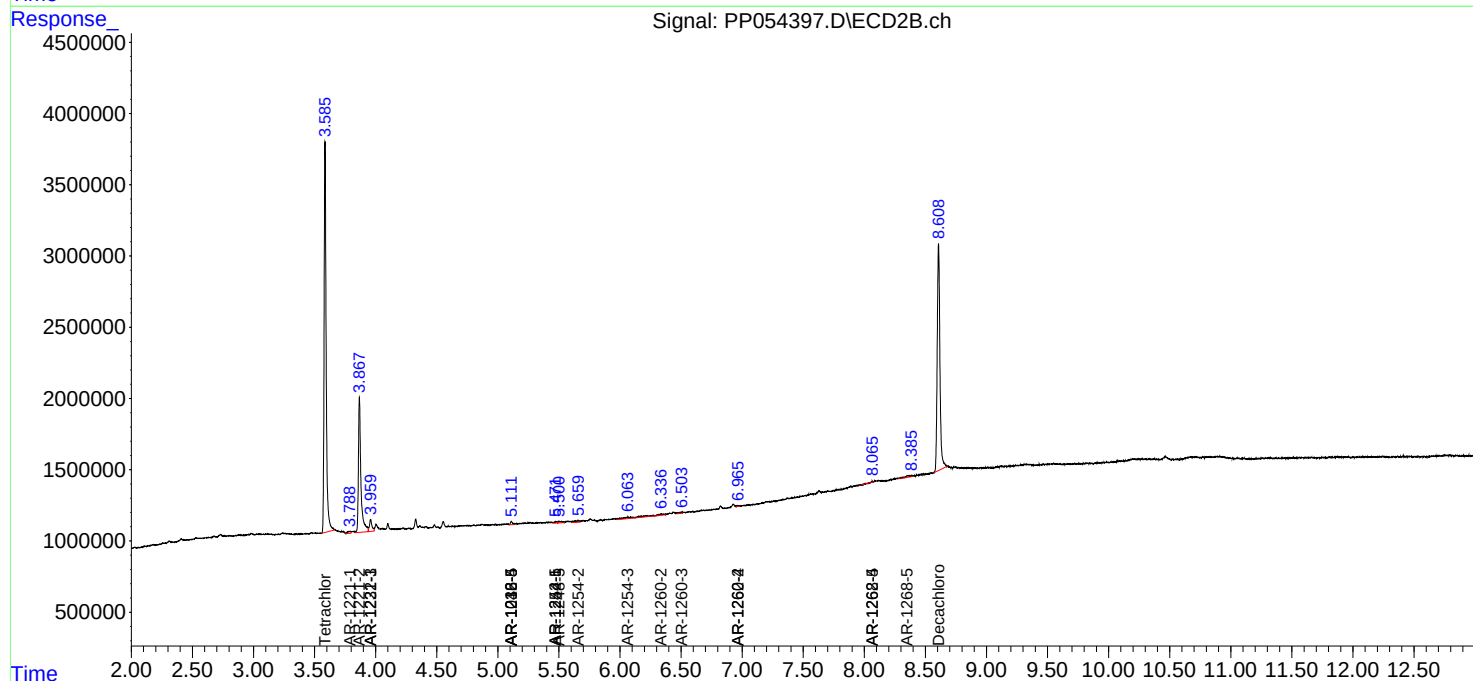
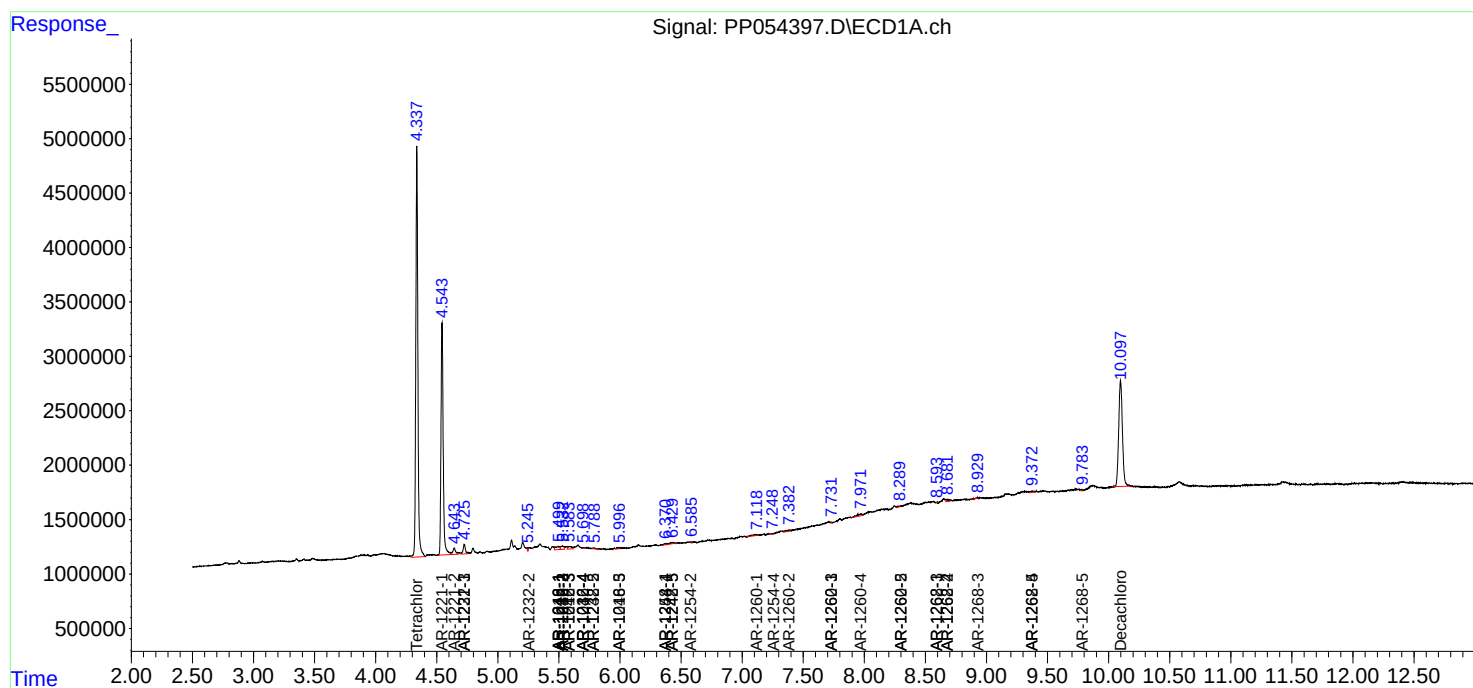
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

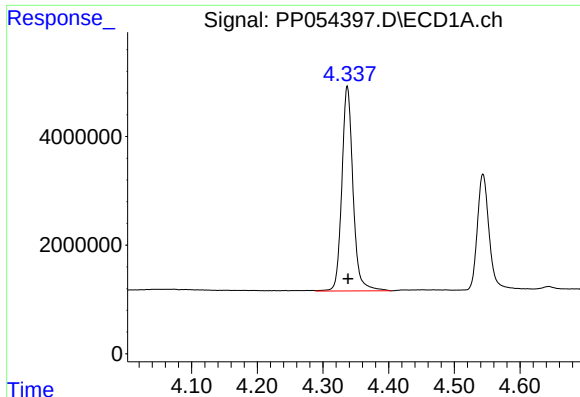
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP011023\
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

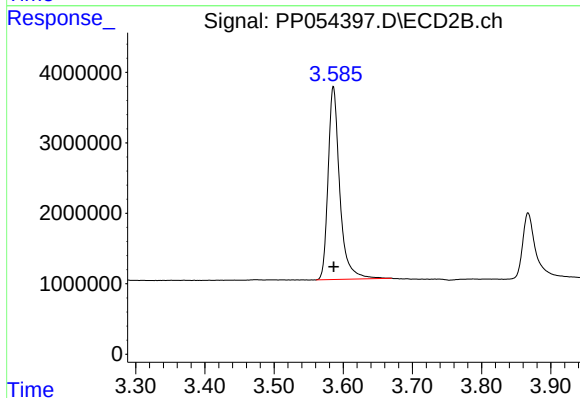




#1 Tetrachloro-m-xylene

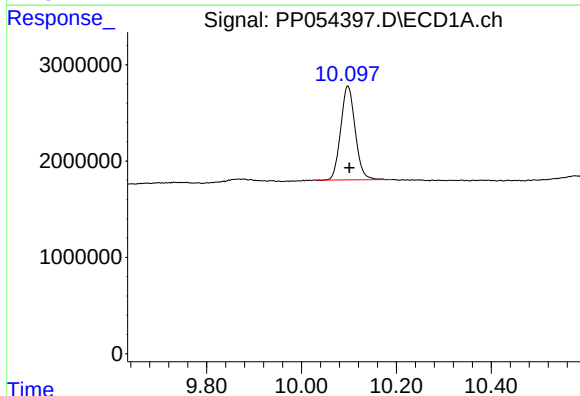
R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 44632415
Conc: 22.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



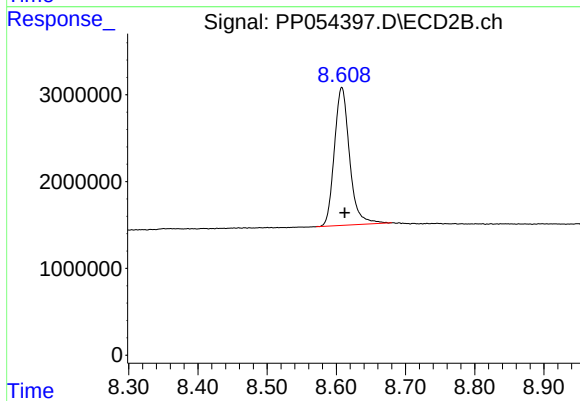
#1 Tetrachloro-m-xylene

R.T.: 3.586 min
Delta R.T.: 0.000 min
Response: 32050553
Conc: 19.87 ng/ml



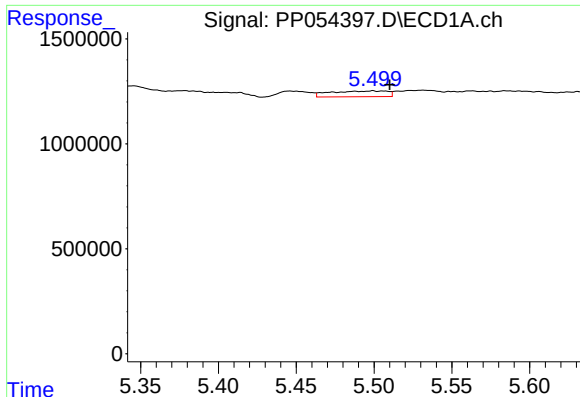
#2 Decachlorobiphenyl

R.T.: 10.098 min
Delta R.T.: -0.004 min
Response: 20578193
Conc: 14.33 ng/ml



#2 Decachlorobiphenyl

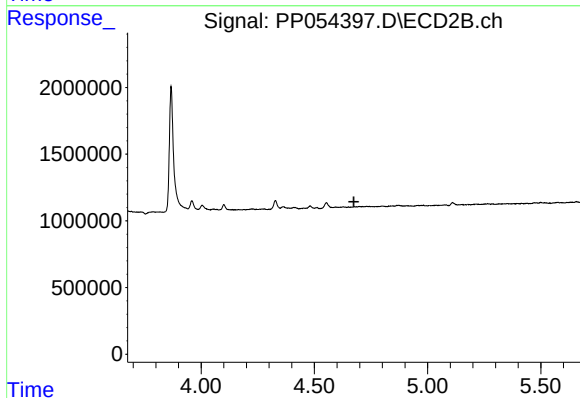
R.T.: 8.608 min
Delta R.T.: -0.004 min
Response: 24285069
Conc: 17.22 ng/ml



#3 AR-1016-1

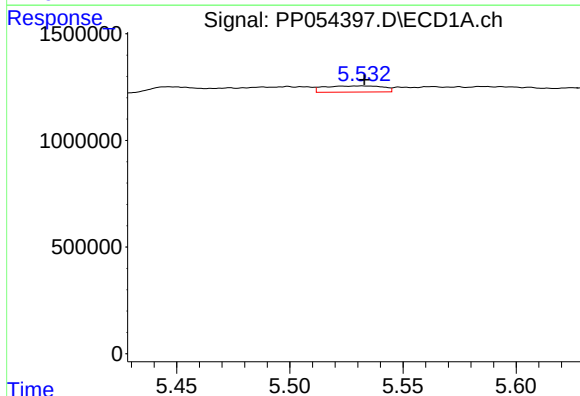
R.T.: 5.499 min
Delta R.T.: -0.011 min
Response: 698494
Conc: 9.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



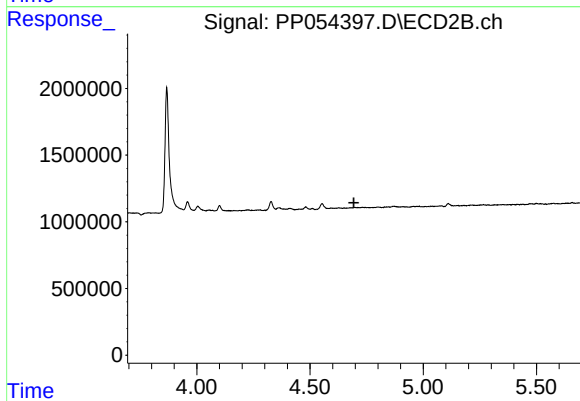
#3 AR-1016-1

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



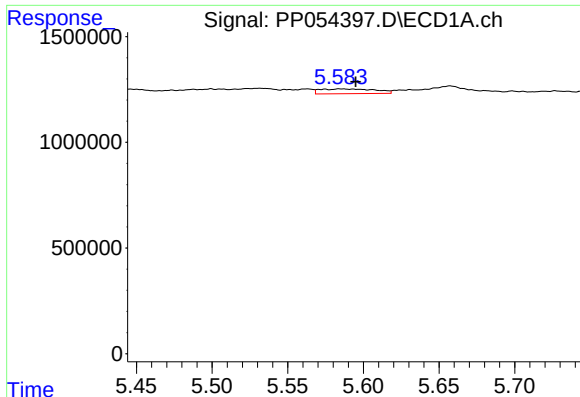
#4 AR-1016-2

R.T.: 5.532 min
Delta R.T.: -0.001 min
Response: 524699
Conc: 4.92 ng/ml



#4 AR-1016-2

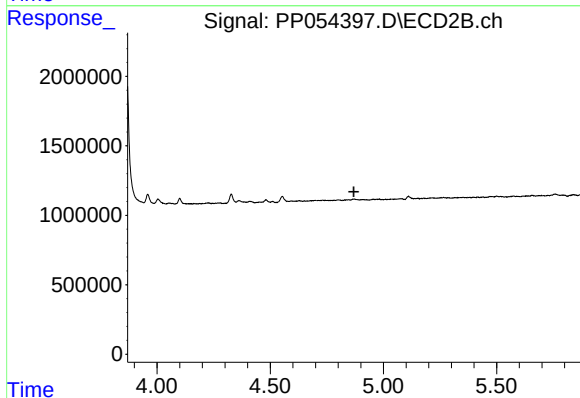
R.T.: 0.000 min
Exp R.T. : 4.693 min
Response: 0
Conc: N.D.



#5 AR-1016-3

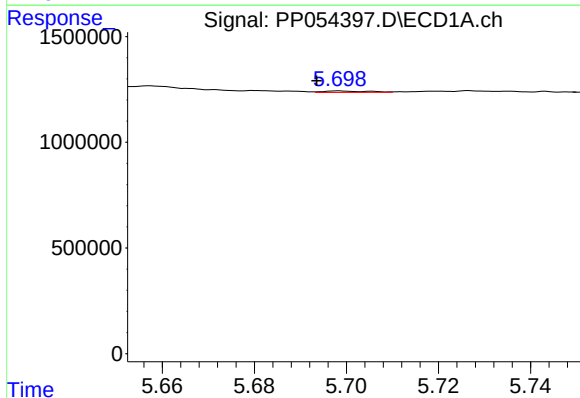
R.T.: 5.585 min
Delta R.T.: -0.010 min
Response: 580168
Conc: 8.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



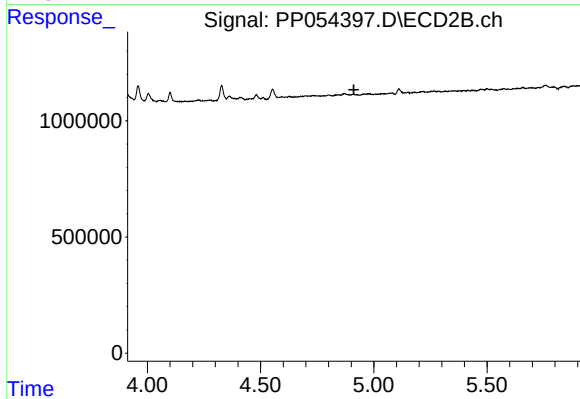
#5 AR-1016-3

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



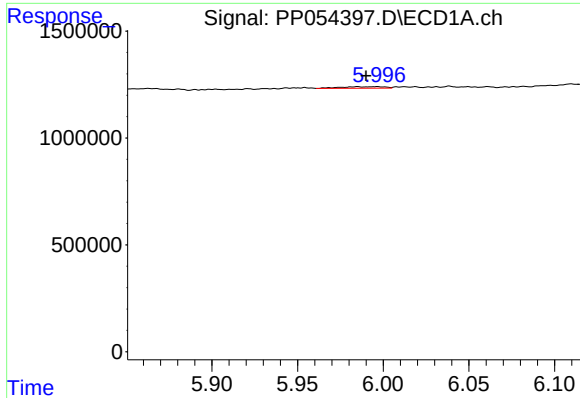
#6 AR-1016-4

R.T.: 5.698 min
Delta R.T.: 0.005 min
Response: 47481
Conc: 0.91 ng/ml



#6 AR-1016-4

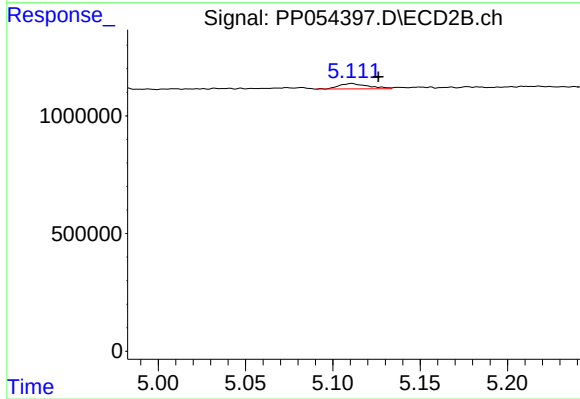
R.T.: 0.000 min
Exp R.T. : 4.912 min
Response: 0
Conc: N.D.



#7 AR-1016-5

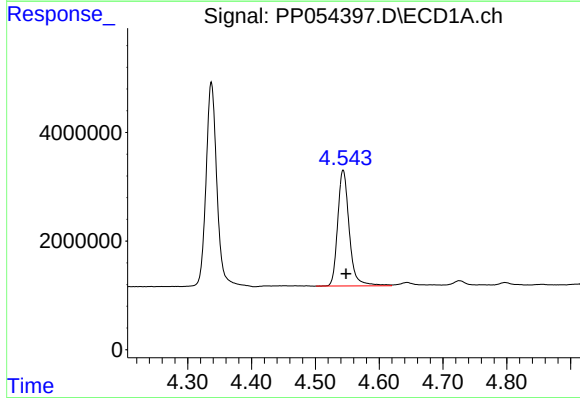
R.T.: 5.996 min
Delta R.T.: 0.006 min
Response: 124593
Conc: 2.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



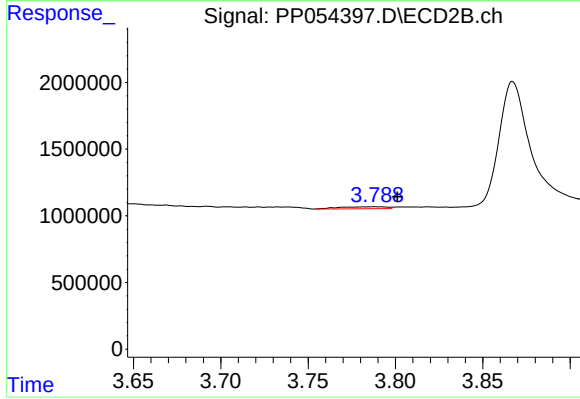
#7 AR-1016-5

R.T.: 5.111 min
Delta R.T.: -0.016 min
Response: 265320
Conc: 6.03 ng/ml



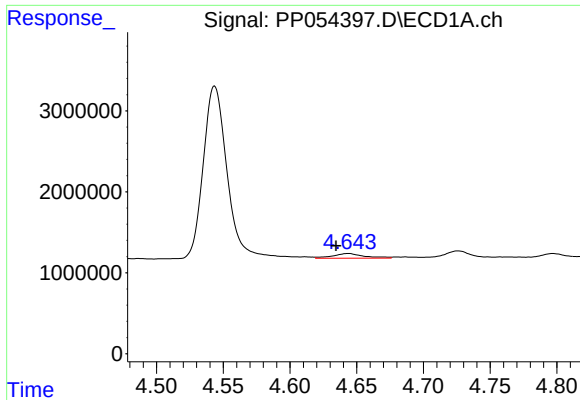
#8 AR-1221-1

R.T.: 4.544 min
Delta R.T.: -0.004 min
Response: 26728332
Conc: 1111.63 ng/ml



#8 AR-1221-1

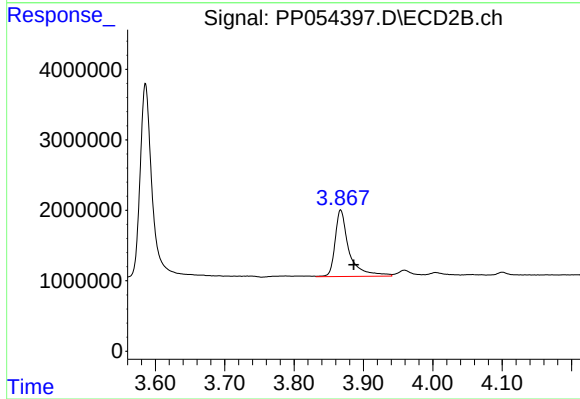
R.T.: 3.788 min
Delta R.T.: -0.013 min
Response: 275052
Conc: 14.39 ng/ml



#9 AR-1221-2

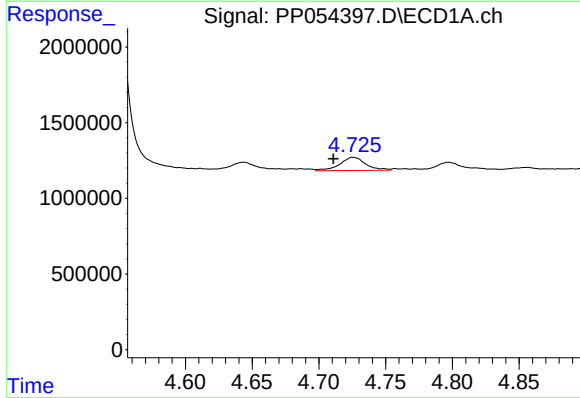
R.T.: 4.644 min
Delta R.T.: 0.009 min
Response: 958496
Conc: 54.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



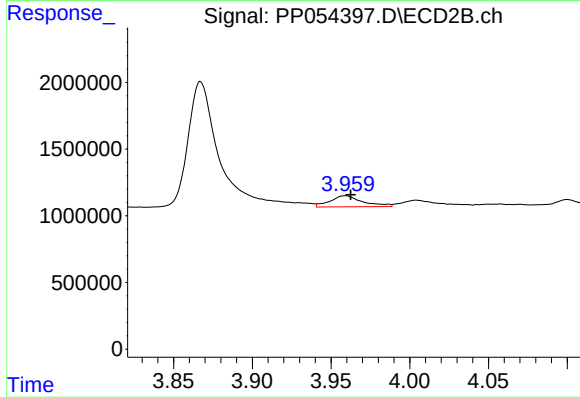
#9 AR-1221-2

R.T.: 3.867 min
Delta R.T.: -0.019 min
Response: 13337101
Conc: 904.53 ng/ml



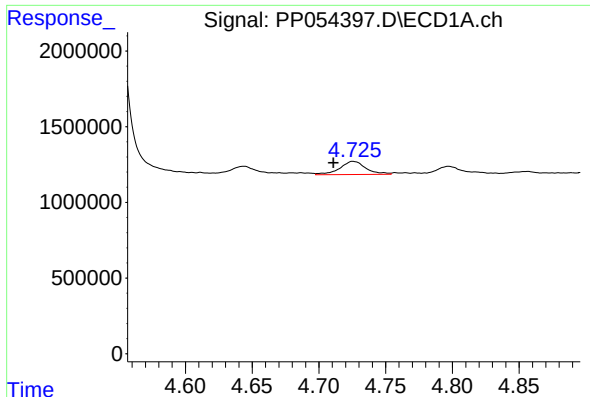
#10 AR-1221-3

R.T.: 4.726 min
Delta R.T.: 0.015 min
Response: 1171554
Conc: 21.74 ng/ml



#10 AR-1221-3

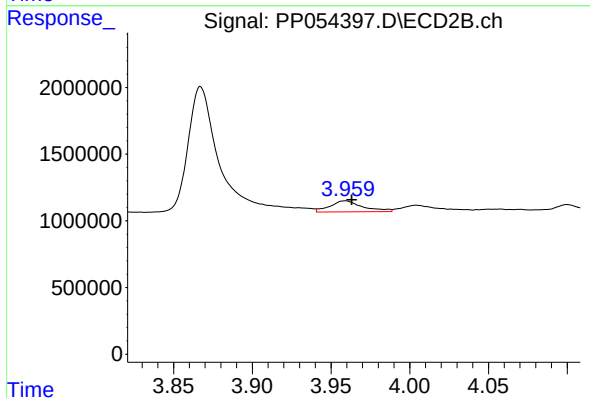
R.T.: 3.959 min
Delta R.T.: -0.003 min
Response: 1212308
Conc: 27.29 ng/ml



#11 AR-1232-1

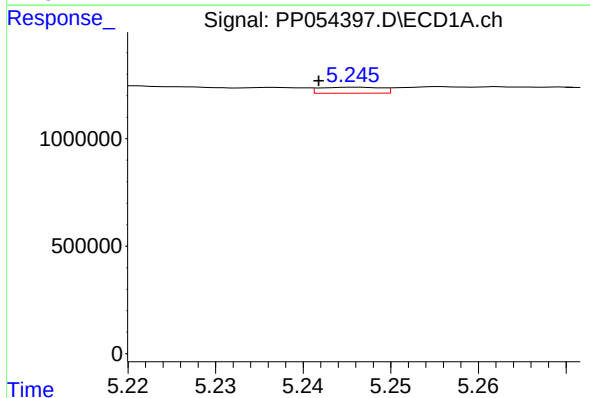
R.T.: 4.726 min
Delta R.T.: 0.015 min
Response: 1171554
Conc: 26.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



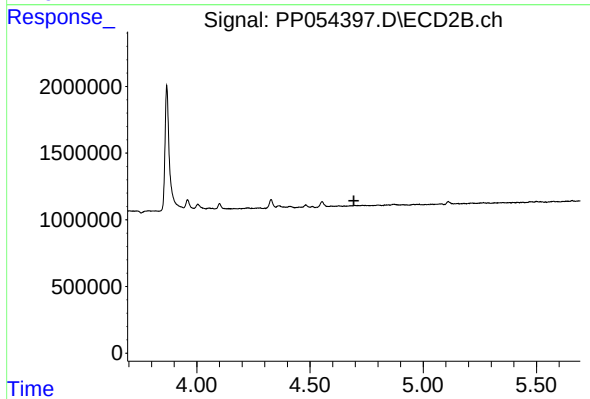
#11 AR-1232-1

R.T.: 3.959 min
Delta R.T.: -0.004 min
Response: 1212308
Conc: 32.57 ng/ml



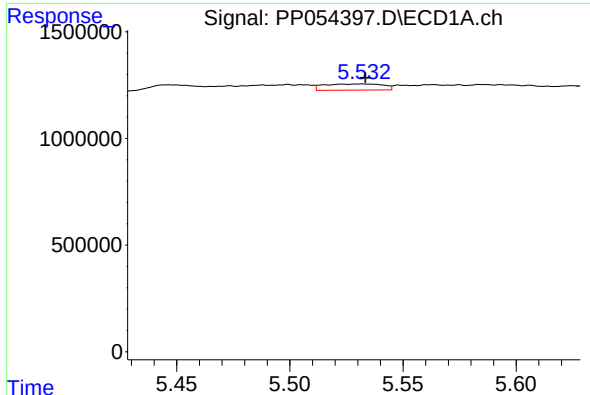
#12 AR-1232-2

R.T.: 5.246 min
Delta R.T.: 0.004 min
Response: 137118
Conc: 5.25 ng/ml



#12 AR-1232-2

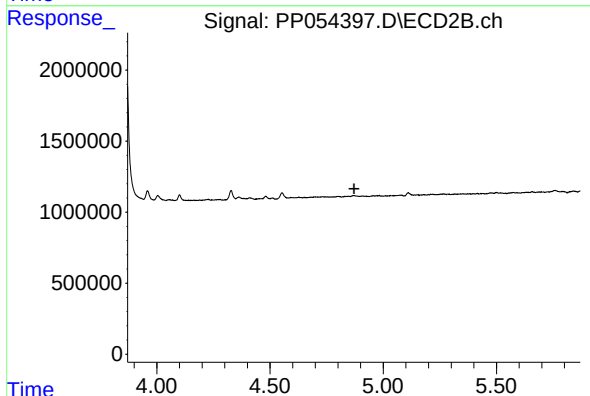
R.T.: 0.000 min
Exp R.T. : 4.694 min
Response: 0
Conc: N.D.



#13 AR-1232-3

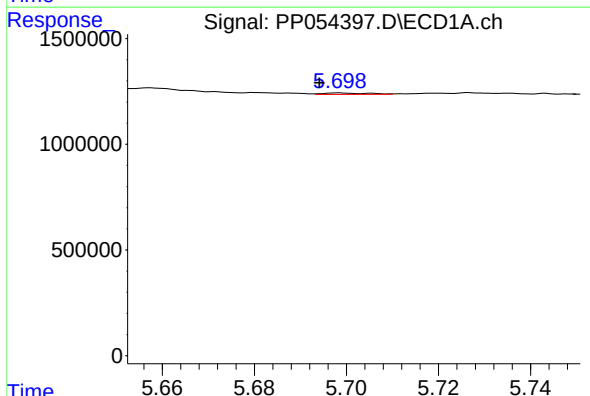
R.T.: 5.532 min
Delta R.T.: -0.002 min
Response: 524699
Conc: 11.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



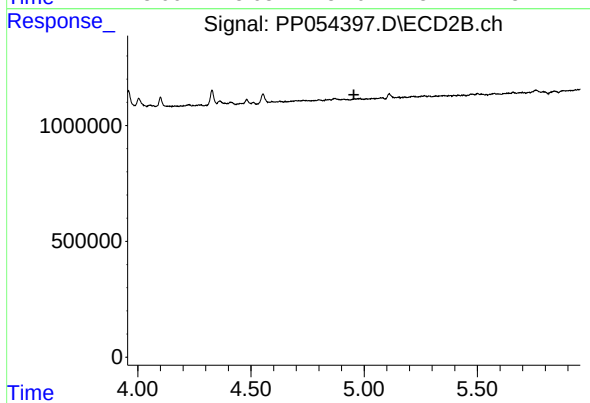
#13 AR-1232-3

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



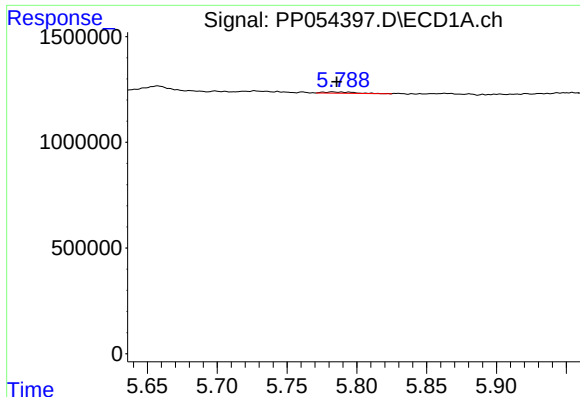
#14 AR-1232-4

R.T.: 5.698 min
Delta R.T.: 0.004 min
Response: 47481
Conc: 2.12 ng/ml



#14 AR-1232-4

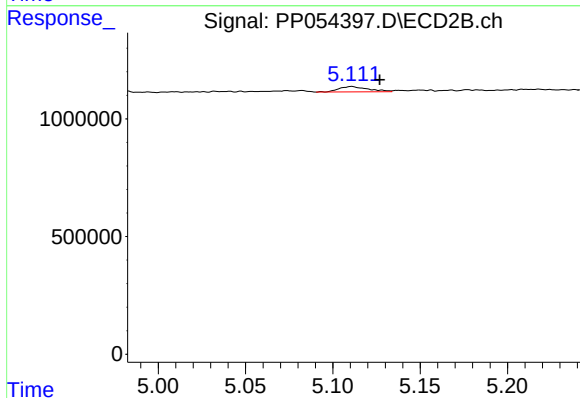
R.T.: 0.000 min
Exp R.T. : 4.955 min
Response: 0
Conc: N.D.



#15 AR-1232-5

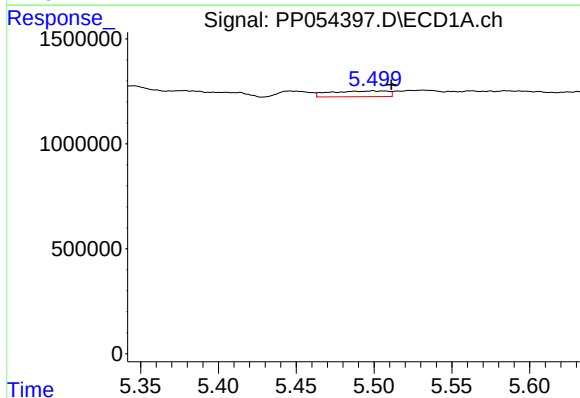
R.T.: 5.783 min
Delta R.T.: -0.003 min
Response: 95832
Conc: 5.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



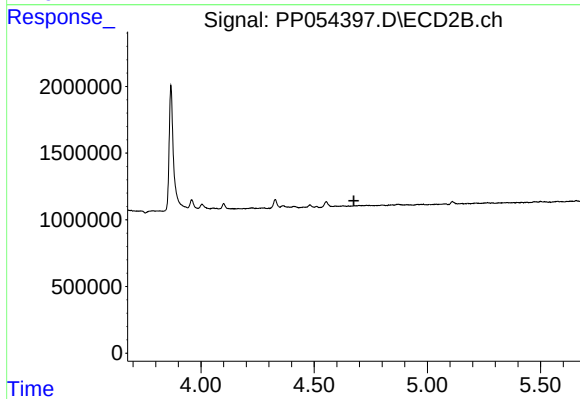
#15 AR-1232-5

R.T.: 5.111 min
Delta R.T.: -0.016 min
Response: 265320
Conc: 14.70 ng/ml



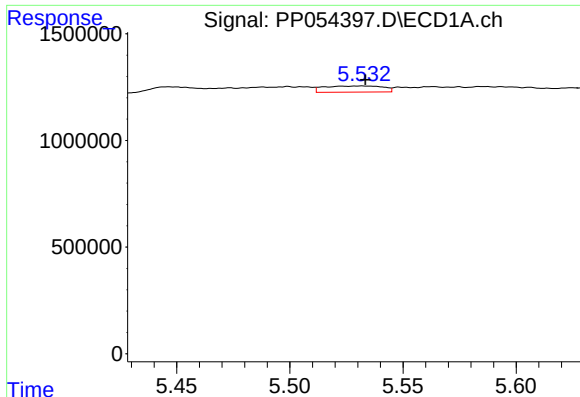
#16 AR-1242-1

R.T.: 5.499 min
Delta R.T.: -0.012 min
Response: 698494
Conc: 11.76 ng/ml



#16 AR-1242-1

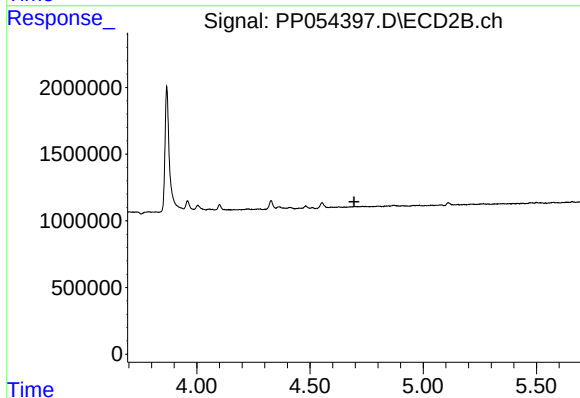
R.T.: 0.000 min
Exp R.T. : 4.675 min
Response: 0
Conc: N.D.



#17 AR-1242-2

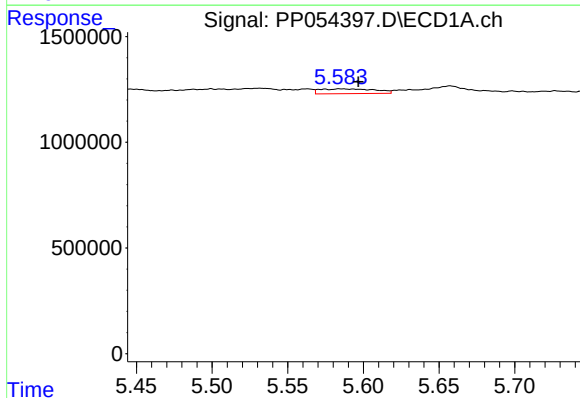
R.T.: 5.532 min
Delta R.T.: -0.002 min
Response: 524699
Conc: 6.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



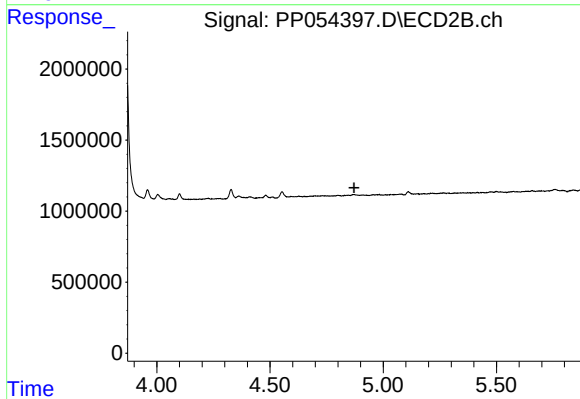
#17 AR-1242-2

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



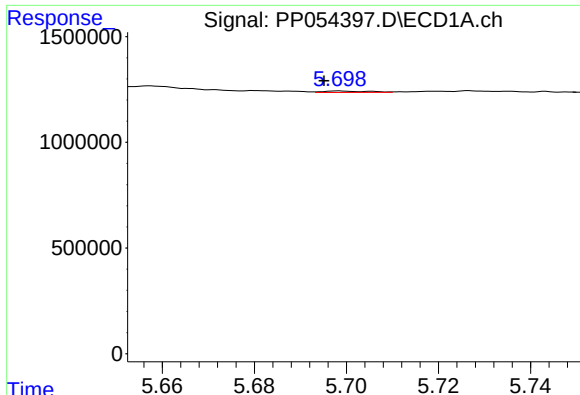
#18 AR-1242-3

R.T.: 5.585 min
Delta R.T.: -0.012 min
Response: 580168
Conc: 10.62 ng/ml



#18 AR-1242-3

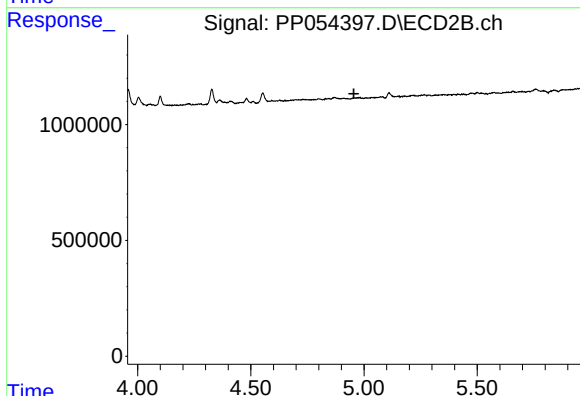
R.T.: 0.000 min
Exp R.T. : 4.871 min
Response: 0
Conc: N.D.



#19 AR-1242-4

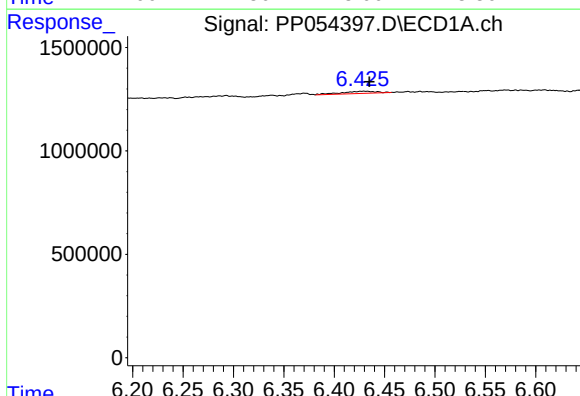
R.T.: 5.698 min
Delta R.T.: 0.003 min
Response: 47481
Conc: 1.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



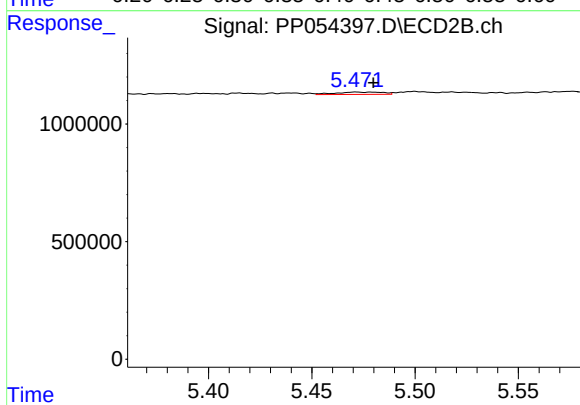
#19 AR-1242-4

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



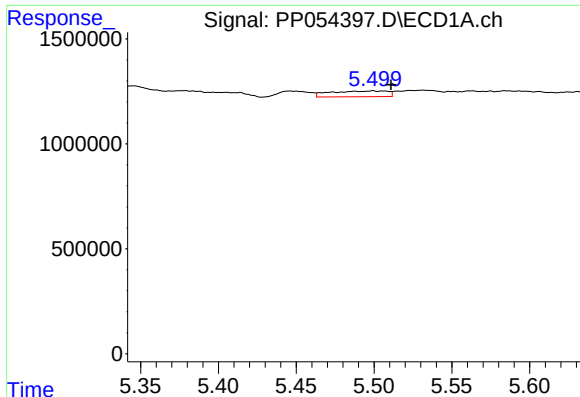
#20 AR-1242-5

R.T.: 6.430 min
Delta R.T.: -0.005 min
Response: 260976
Conc: 7.95 ng/ml



#20 AR-1242-5

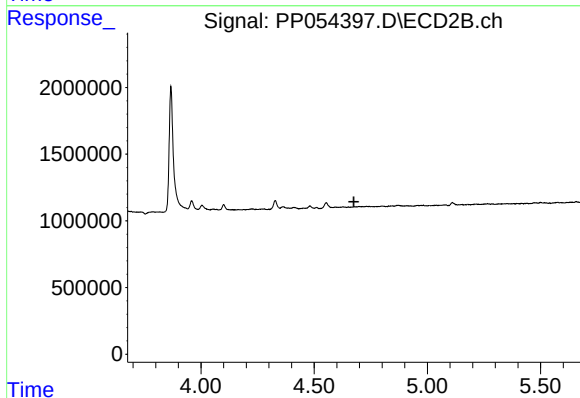
R.T.: 5.473 min
Delta R.T.: -0.007 min
Response: 162560
Conc: 4.32 ng/ml



#21 AR-1248-1

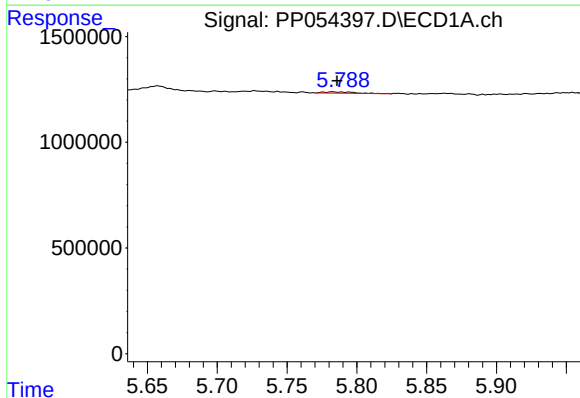
R.T.: 5.499 min
Delta R.T.: -0.012 min
Response: 698494
Conc: 15.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



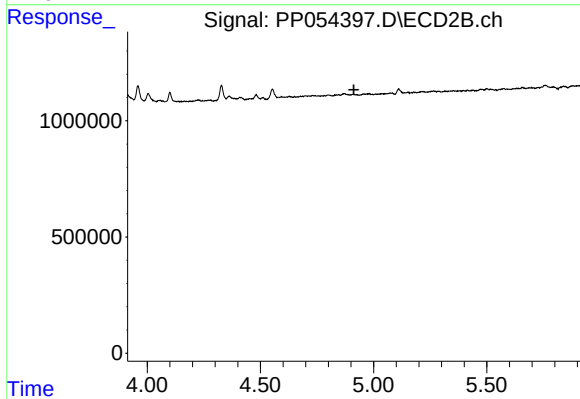
#21 AR-1248-1

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



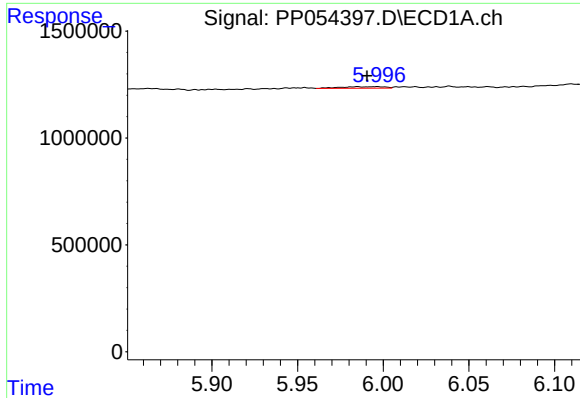
#22 AR-1248-2

R.T.: 5.783 min
Delta R.T.: -0.003 min
Response: 95832
Conc: 1.51 ng/ml



#22 AR-1248-2

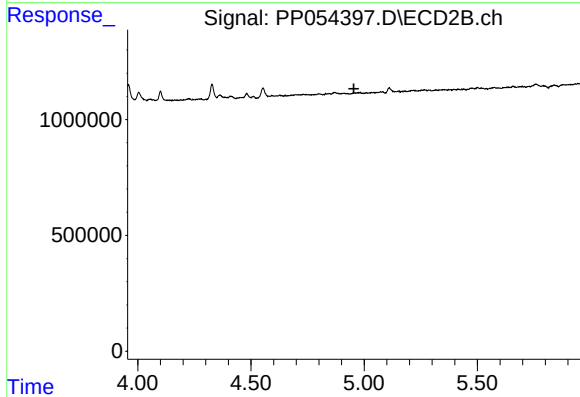
R.T.: 0.000 min
Exp R.T. : 4.913 min
Response: 0
Conc: N.D.



#23 AR-1248-3

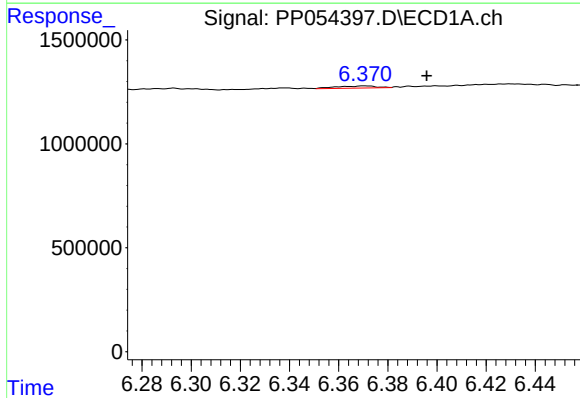
R.T.: 5.996 min
Delta R.T.: 0.006 min
Response: 124593
Conc: 2.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



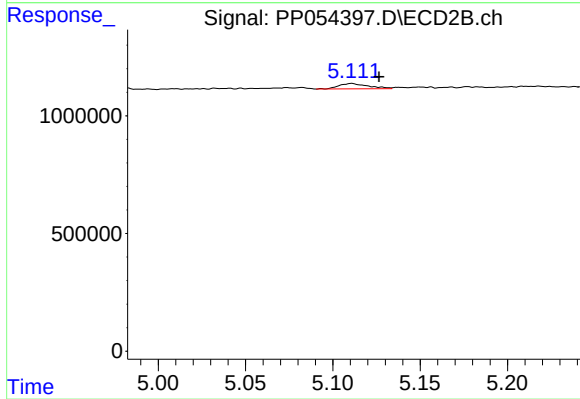
#23 AR-1248-3

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



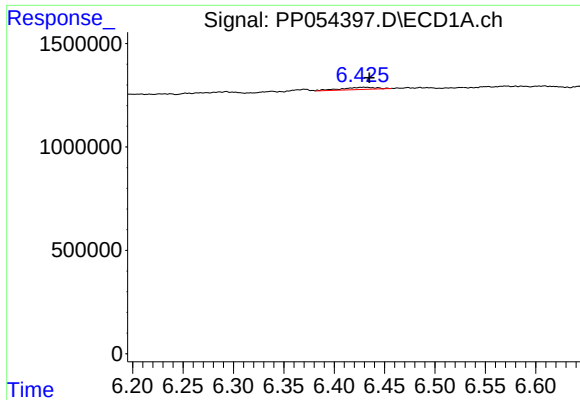
#24 AR-1248-4

R.T.: 6.371 min
Delta R.T.: -0.025 min
Response: 116086
Conc: 2.00 ng/ml



#24 AR-1248-4

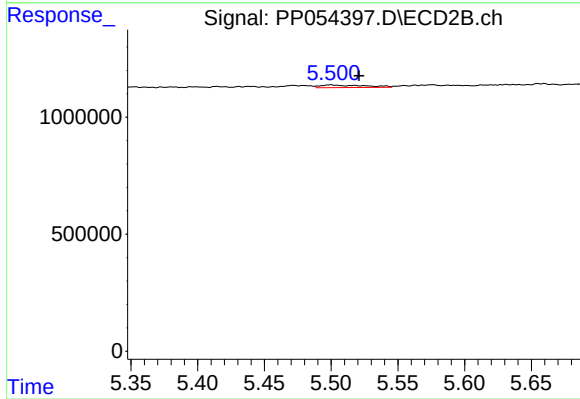
R.T.: 5.111 min
Delta R.T.: -0.016 min
Response: 265320
Conc: 4.50 ng/ml



#25 AR-1248-5

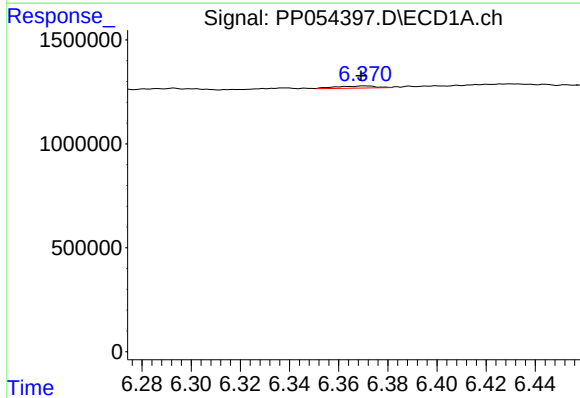
R.T.: 6.430 min
Delta R.T.: -0.005 min
Response: 260976
Conc: 4.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



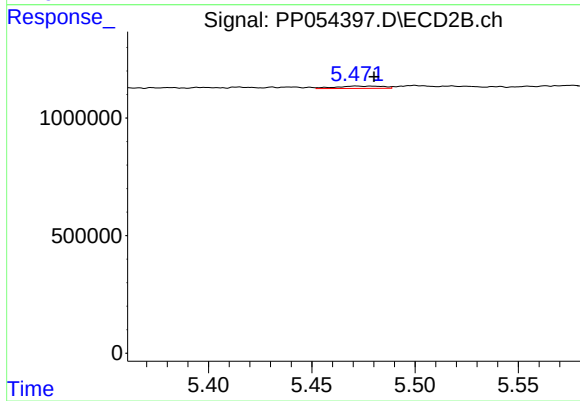
#25 AR-1248-5

R.T.: 5.500 min
Delta R.T.: -0.021 min
Response: 255005
Conc: 5.14 ng/ml



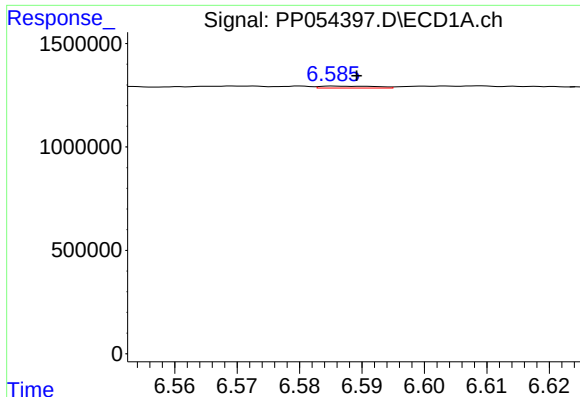
#26 AR-1254-1

R.T.: 6.371 min
Delta R.T.: 0.002 min
Response: 116086
Conc: 1.87 ng/ml



#26 AR-1254-1

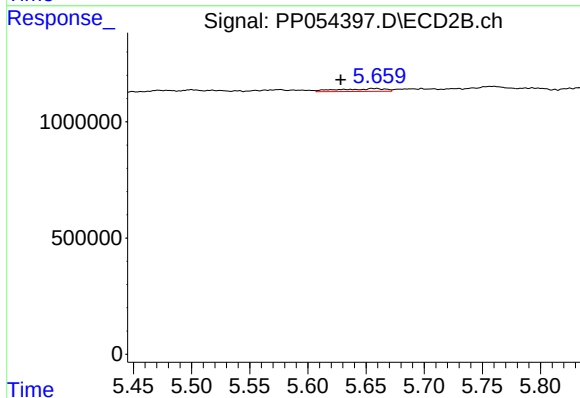
R.T.: 5.473 min
Delta R.T.: -0.008 min
Response: 162560
Conc: 1.90 ng/ml



#27 AR-1254-2

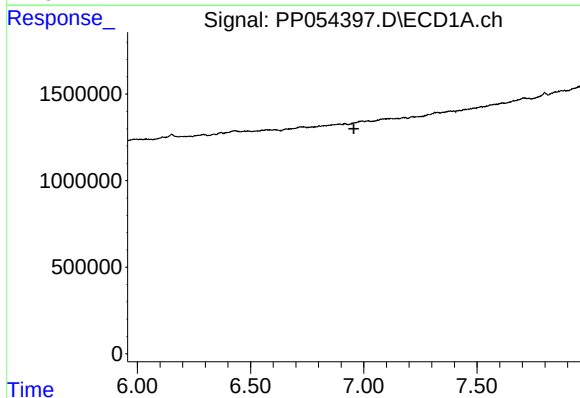
R.T.: 6.586 min
Delta R.T.: -0.003 min
Response: 56936
Conc: 0.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



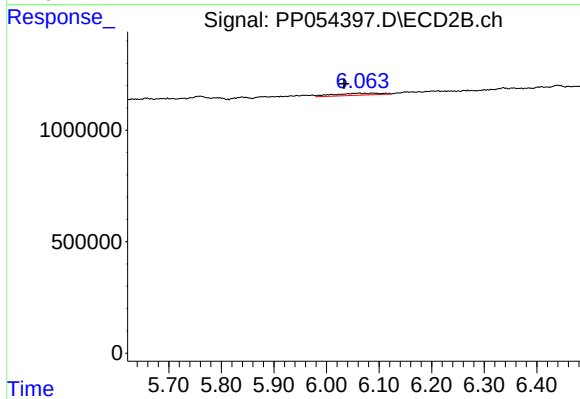
#27 AR-1254-2

R.T.: 5.657 min
Delta R.T.: 0.029 min
Response: 336112
Conc: 4.52 ng/ml



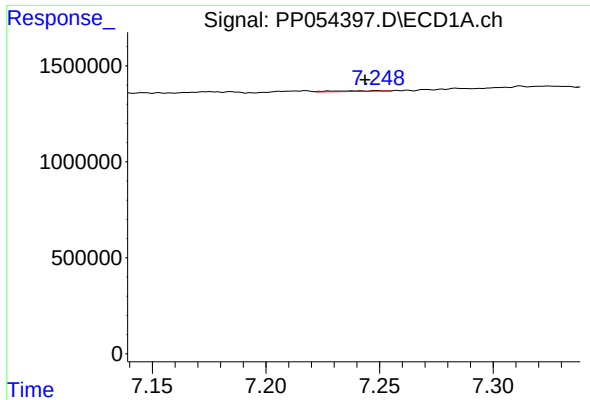
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 6.956 min
Response: 0
Conc: N.D.



#28 AR-1254-3

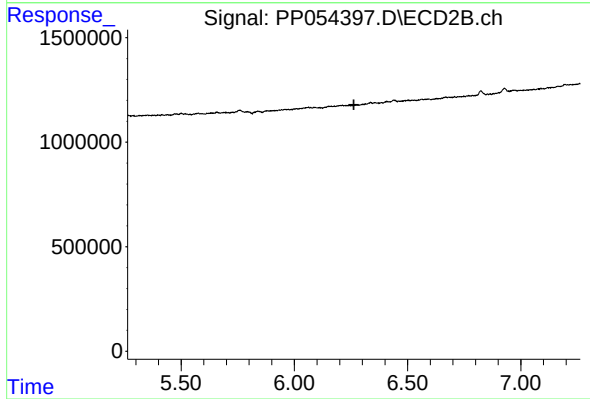
R.T.: 6.062 min
Delta R.T.: 0.028 min
Response: 545012
Conc: 4.70 ng/ml



#29 AR-1254-4

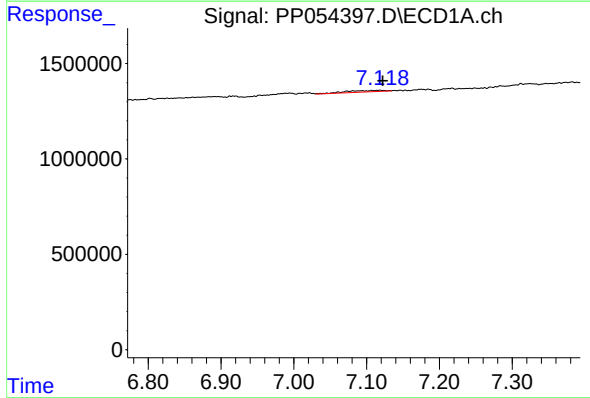
R.T.: 7.249 min
Delta R.T.: 0.005 min
Response: 53497
Conc: 0.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



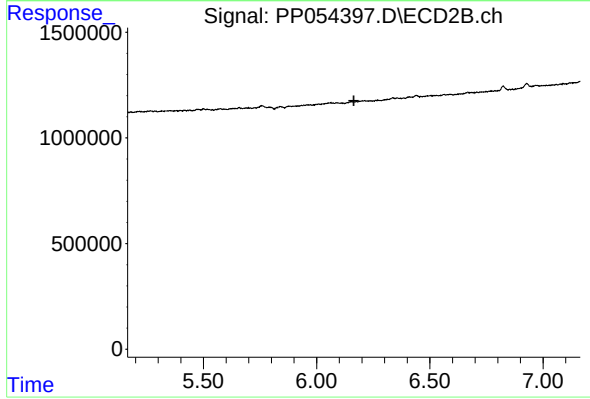
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.263 min
Response: 0
Conc: N.D.



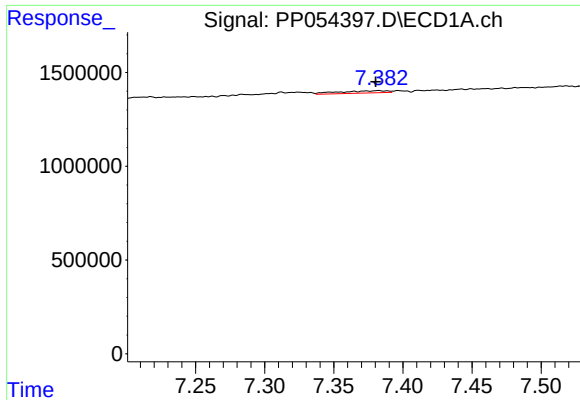
#31 AR-1260-1

R.T.: 7.119 min
Delta R.T.: -0.004 min
Response: 268874
Conc: 3.45 ng/ml



#31 AR-1260-1

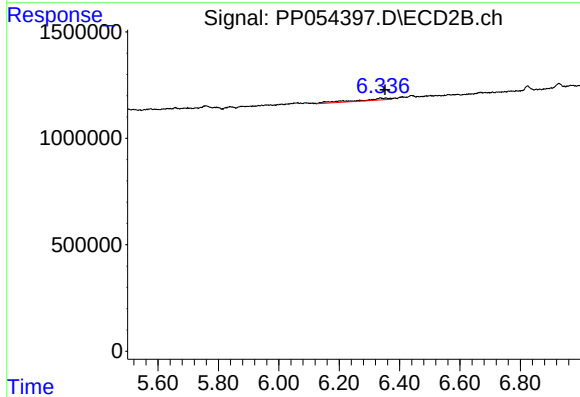
R.T.: 0.000 min
Exp R.T. : 6.164 min
Response: 0
Conc: N.D.



#32 AR-1260-2

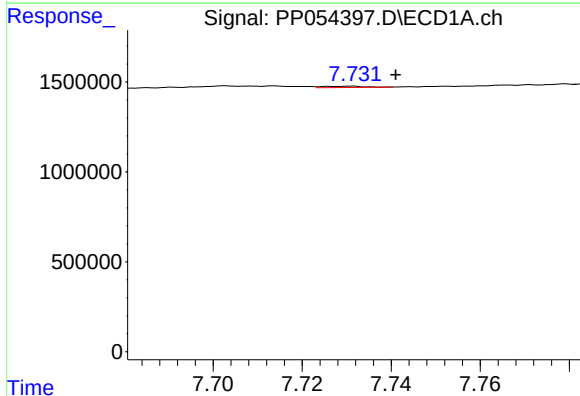
R.T.: 7.382 min
Delta R.T.: 0.002 min
Response: 296134
Conc: 3.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



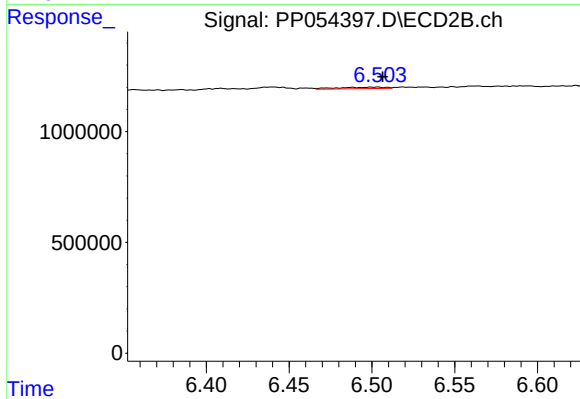
#32 AR-1260-2

R.T.: 6.337 min
Delta R.T.: -0.015 min
Response: 663442
Conc: 6.94 ng/ml



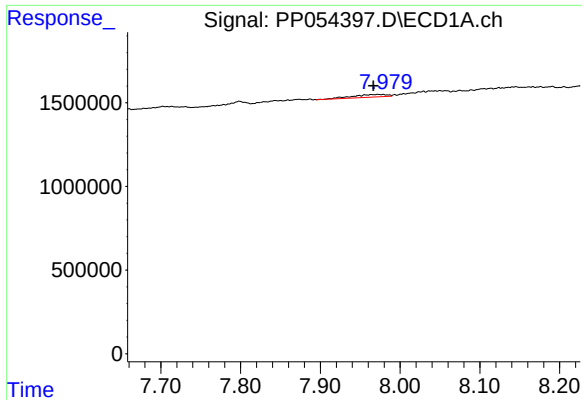
#33 AR-1260-3

R.T.: 7.731 min
Delta R.T.: -0.010 min
Response: 46851
Conc: 0.69 ng/ml



#33 AR-1260-3

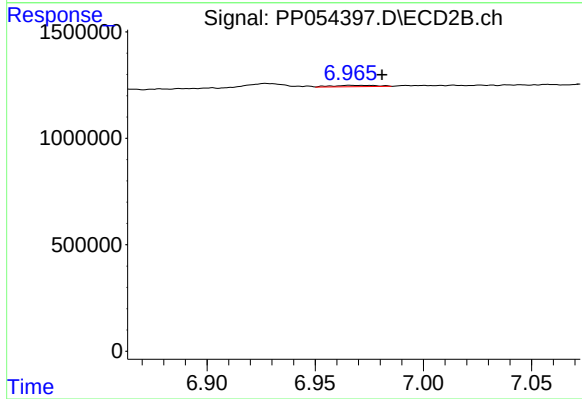
R.T.: 6.501 min
Delta R.T.: -0.005 min
Response: 136122
Conc: 1.49 ng/ml



#34 AR-1260-4

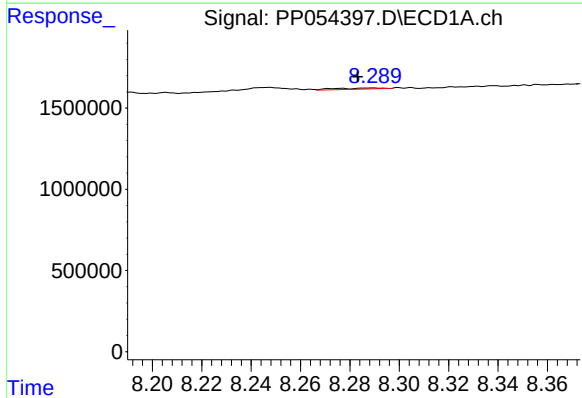
R.T.: 7.972 min
Delta R.T.: 0.006 min
Response: 474904
Conc: 5.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



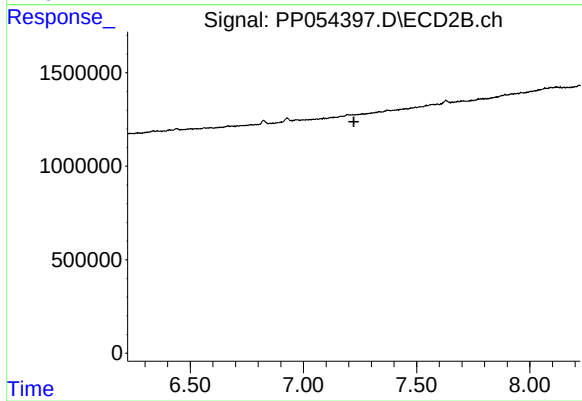
#34 AR-1260-4

R.T.: 6.969 min
Delta R.T.: -0.012 min
Response: 89130
Conc: 1.18 ng/ml



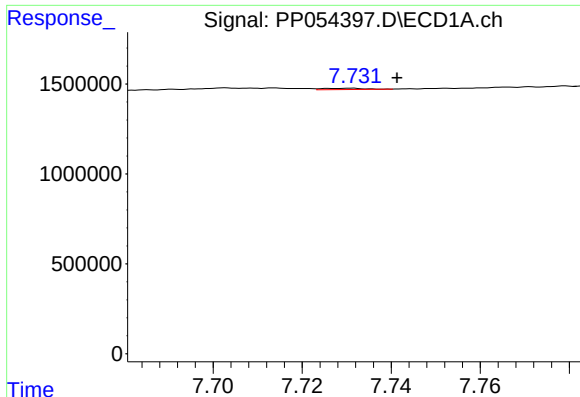
#35 AR-1260-5

R.T.: 8.290 min
Delta R.T.: 0.007 min
Response: 94157
Conc: 0.66 ng/ml



#35 AR-1260-5

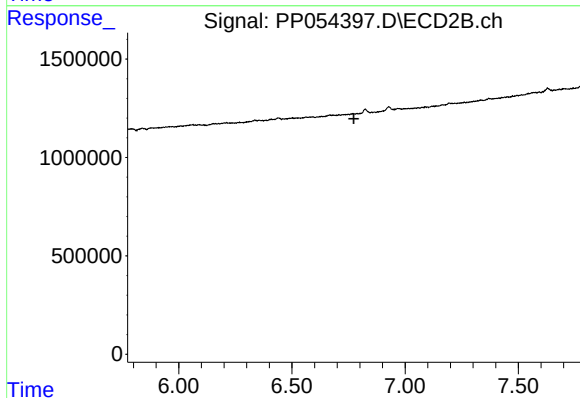
R.T.: 0.000 min
Exp R.T. : 7.223 min
Response: 0
Conc: N.D.



#36 AR-1262-1

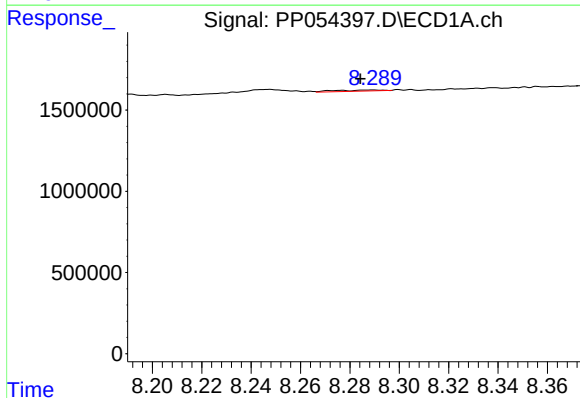
R.T.: 7.731 min
Delta R.T.: -0.011 min
Response: 46851
Conc: 0.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



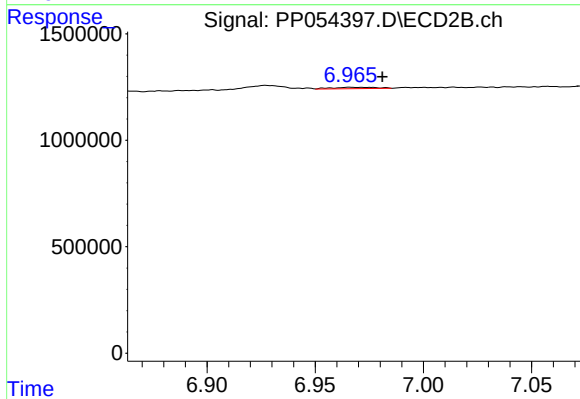
#36 AR-1262-1

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



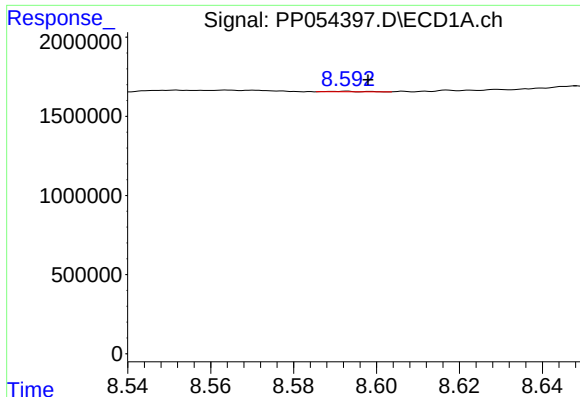
#37 AR-1262-2

R.T.: 8.290 min
Delta R.T.: 0.005 min
Response: 94157
Conc: 0.67 ng/ml



#37 AR-1262-2

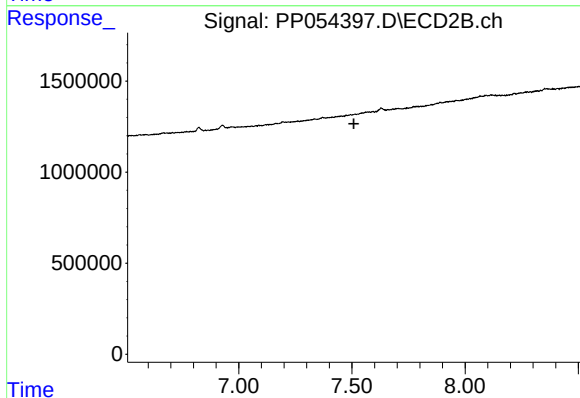
R.T.: 6.969 min
Delta R.T.: -0.012 min
Response: 89130
Conc: 1.03 ng/ml



#38 AR-1262-3

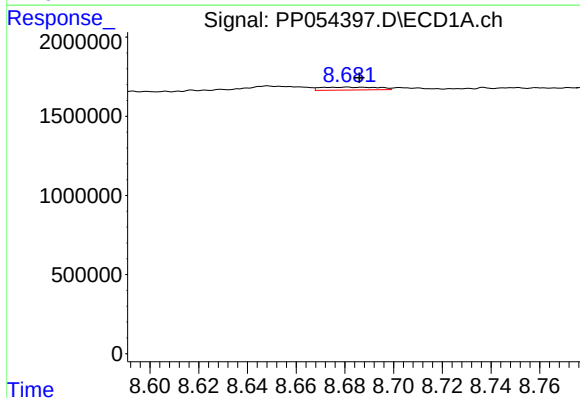
R.T.: 8.592 min
Delta R.T.: -0.006 min
Response: 16752
Conc: 0.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



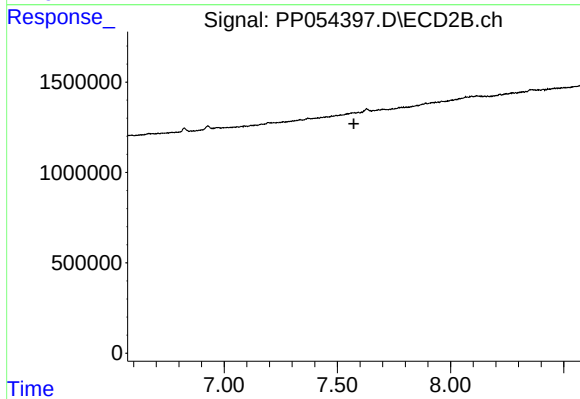
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.508 min
Response: 0
Conc: N.D.



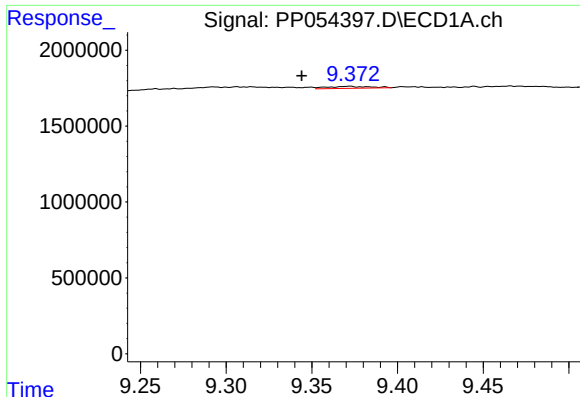
#39 AR-1262-4

R.T.: 8.681 min
Delta R.T.: -0.005 min
Response: 295265
Conc: 5.83 ng/ml



#39 AR-1262-4

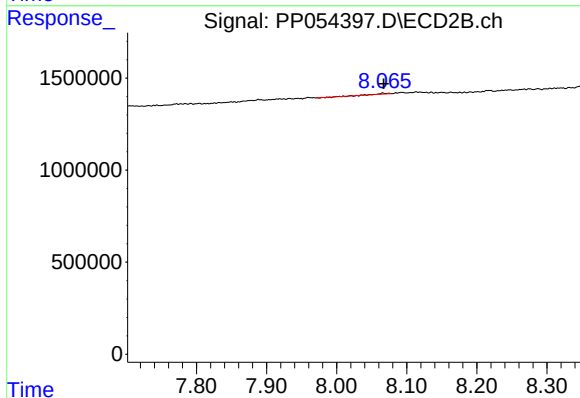
R.T.: 0.000 min
Exp R.T. : 7.573 min
Response: 0
Conc: N.D.



#40 AR-1262-5

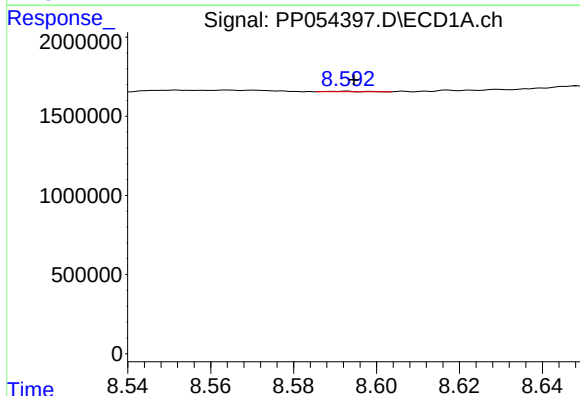
R.T.: 9.371 min
Delta R.T.: 0.027 min
Response: 225694
Conc: 4.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



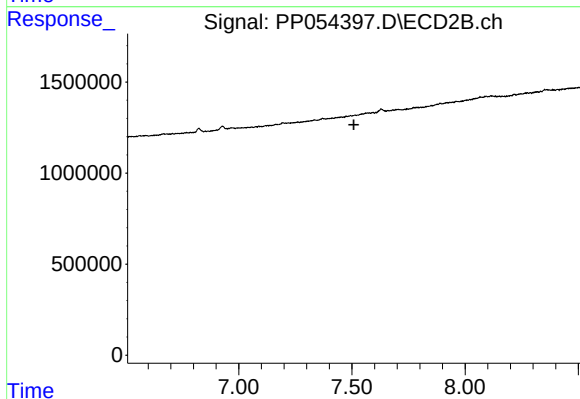
#40 AR-1262-5

R.T.: 8.067 min
Delta R.T.: 0.000 min
Response: 38227
Conc: 0.69 ng/ml



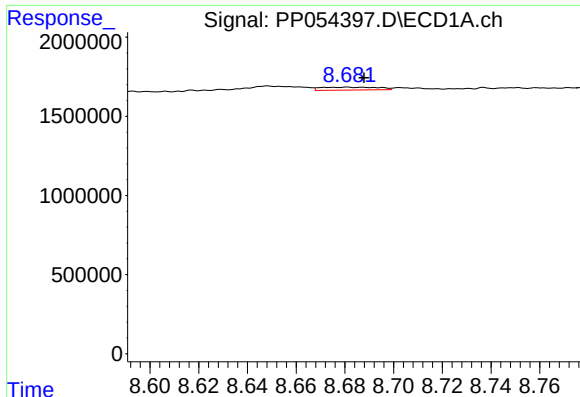
#41 AR-1268-1

R.T.: 8.592 min
Delta R.T.: -0.002 min
Response: 16752
Conc: 0.09 ng/ml



#41 AR-1268-1

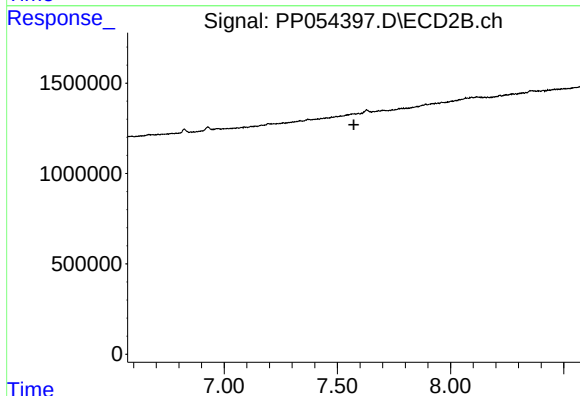
R.T.: 0.000 min
Exp R.T.: 7.509 min
Response: 0
Conc: N.D.



#42 AR-1268-2

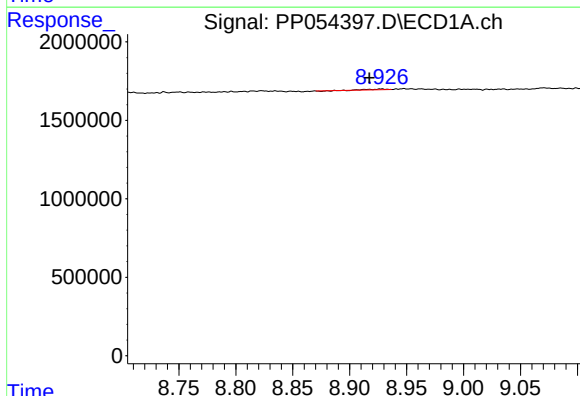
R.T.: 8.681 min
Delta R.T.: -0.007 min
Response: 295265
Conc: 1.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



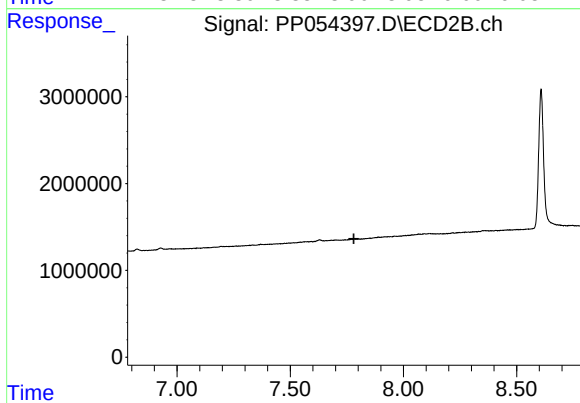
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.573 min
Response: 0
Conc: N.D.



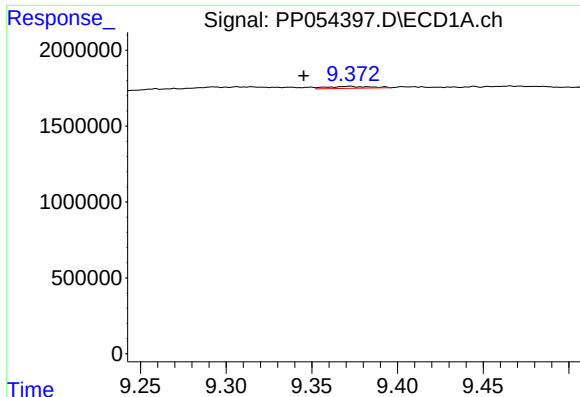
#43 AR-1268-3

R.T.: 8.928 min
Delta R.T.: 0.011 min
Response: 44550
Conc: 0.29 ng/ml



#43 AR-1268-3

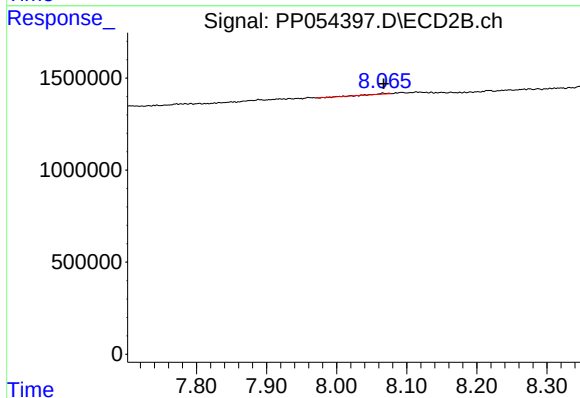
R.T.: 0.000 min
Exp R.T. : 7.781 min
Response: 0
Conc: N.D.



#44 AR-1268-4

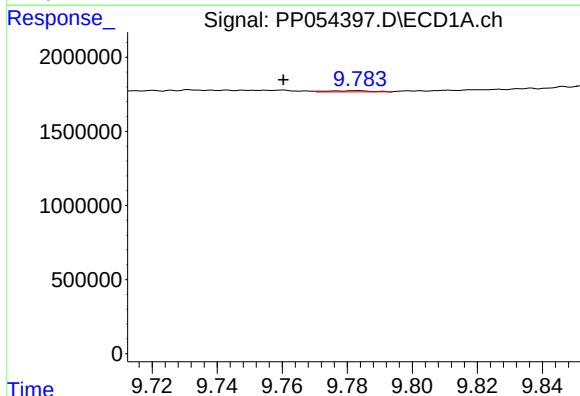
R.T.: 9.371 min
Delta R.T.: 0.026 min
Response: 225694
Conc: 3.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



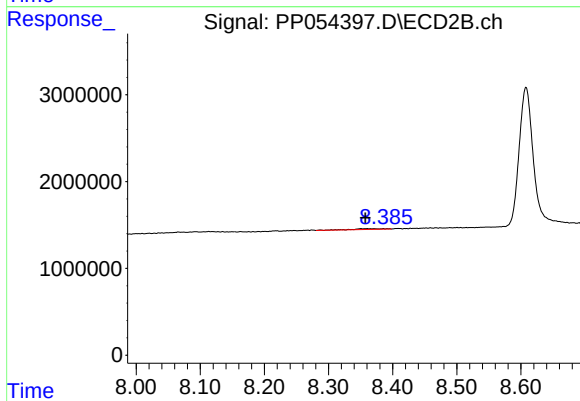
#44 AR-1268-4

R.T.: 8.067 min
Delta R.T.: 0.000 min
Response: 38227
Conc: 0.61 ng/ml



#45 AR-1268-5

R.T.: 9.782 min
Delta R.T.: 0.021 min
Response: 73858
Conc: 0.14 ng/ml



#45 AR-1268-5

R.T.: 8.360 min
Delta R.T.: 0.003 min
Response: 324696
Conc: 0.66 ng/ml