

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP051722\
 Data File : PP047684.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 May 2022 20:08
 Operator : YP\AJ
 Sample : N2863-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 18 05:44:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051022.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 11 13:10:20 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...	3.845	3.111	47582504	62782532	18.716	19.068
2)	SA Decachlor...	9.907	8.410f	23306409	41033586	16.292	15.075
Target Compounds							
3)	L1 AR-1016-1	5.093	4.275f	17134	185485	0.233	1.590 #
4)	L1 AR-1016-2	5.121	4.275	92481	185485	0.828	1.070 #
5)	L1 AR-1016-3	5.192	4.441	87677	158782	1.278	1.755 #
6)	L1 AR-1016-4	5.291	4.508	147239	130994	2.520	1.794 #
7)	L1 AR-1016-5	5.626f	4.713	87271	-108998	1.599	N.D. #
8)	L2 AR-1221-1	4.099f	3.330	343196	215895	12.050	5.415 #
9)	L2 AR-1221-2	4.167	3.445f	907022	326901	44.192	10.194 #
10)	L2 AR-1221-3	4.255	0.000	237665	0	3.684	N.D. #
11)	L3 AR-1232-1	4.255	3.476f	237665	135397	3.900	1.536 #
12)	L3 AR-1232-2	4.805	4.275	65826	185485	2.173	2.136
13)	L3 AR-1232-3	5.121	4.441	92481	158782	1.671	3.573 #
14)	L3 AR-1232-4	5.291	4.508f	147239	130994	5.494	3.337 #
15)	L3 AR-1232-5	5.395	4.713	49065	-108998	2.639	N.D. #
16)	L4 AR-1242-1	5.093	0.000	17134	0	0.298	N.D. #
17)	L4 AR-1242-2	5.121	4.275	92481	185485	1.061	1.368 #
18)	L4 AR-1242-3	5.177	4.441	139924	158782	2.701	2.251
19)	L4 AR-1242-4	5.291	4.508f	147239	130994	2.965	1.904 #
20)	L4 AR-1242-5	6.088	5.078	168176	148192	3.684	1.662 #
21)	L5 AR-1248-1	5.093	0.000	17134	0	0.395	N.D. #
22)	L5 AR-1248-2	5.395	4.508	49065	130994	0.783	1.306 #
23)	L5 AR-1248-3	5.591f	4.508f	170544	130994	2.320	1.260 #
24)	L5 AR-1248-4	6.055	4.713	264178	-108998	3.264	N.D. #
25)	L5 AR-1248-5	6.088	5.133	168176	562983	2.145	4.368 #
26)	L6 AR-1254-1	6.027	5.078	374810	148192	4.791	0.794 #
27)	L6 AR-1254-2	6.253	5.240	517283	715106	4.254	4.339
28)	L6 AR-1254-3	6.649	5.684	303757	4049441	2.315	15.808 #
29)	L6 AR-1254-4	6.972	5.949f	236711	1137614	2.486	6.213 #
30)	L6 AR-1254-5	7.412	6.363	6940551	4998499	71.147	20.820 #
31)	L7 AR-1260-1	6.822	5.808	1157588	1394485	12.796	8.186 #
32)	L7 AR-1260-2	7.107	6.014	1826491	3149124	15.732	12.983
33)	L7 AR-1260-3	7.500	6.173	8191767	1735202	79.482	8.683 #
34)	L7 AR-1260-4	7.747	6.681	7916582	2965314	81.925	16.782 #
35)	L7 AR-1260-5	8.084	6.951	9370823	12448543	52.385	26.463 #
36)	L8 AR-1262-1	7.500	6.404	8191767	7067079	53.593	21.723 #
37)	L8 AR-1262-2	8.084	6.681	9370823	2965314	43.911	12.135 #
38)	L8 AR-1262-3	8.413	7.253	2658365	4096284	18.837	19.015
39)	L8 AR-1262-4	8.508	7.323	1415036	8551932	12.695	23.681 #
40)	L8 AR-1262-5	9.170	7.866	2390044	11984989	33.578	69.615 #
41)	L9 AR-1268-1	8.413	7.253	2658365	4096284	10.201	6.334 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP051722\
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 Integrator: ChemStation

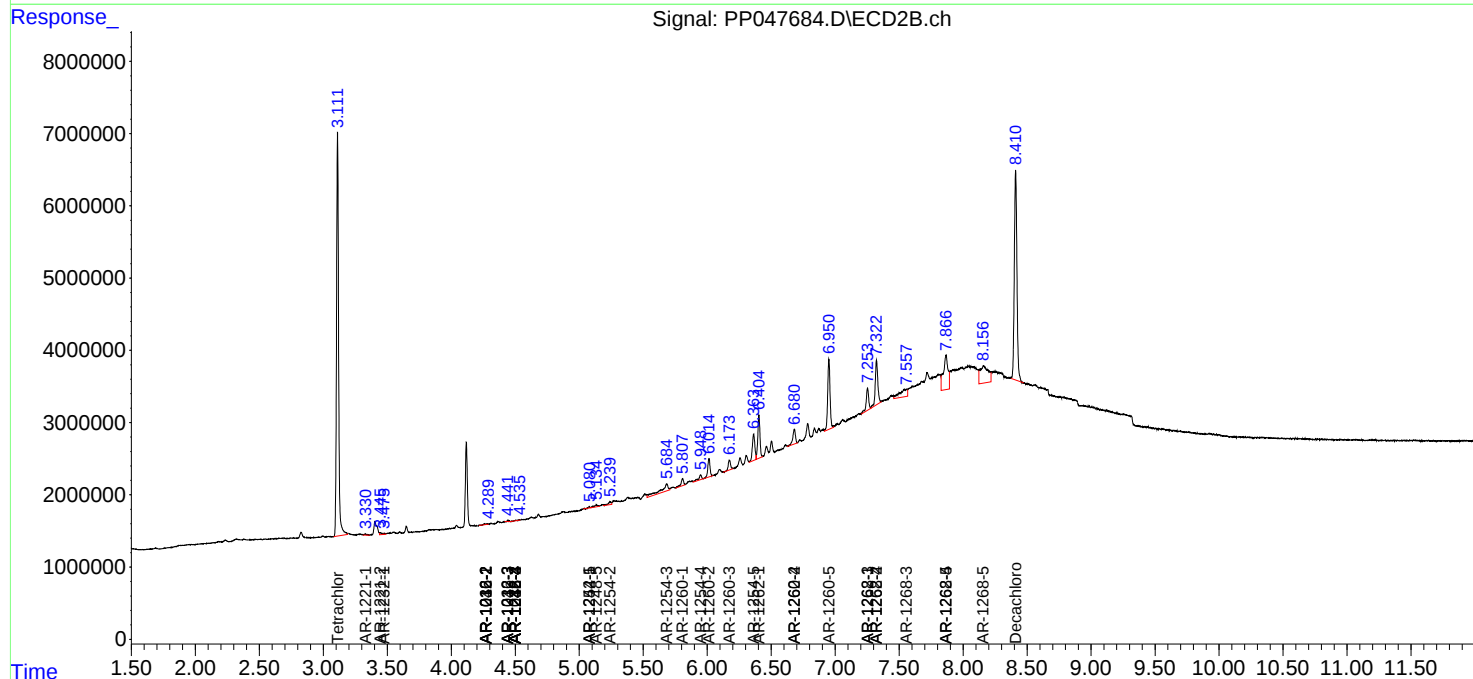
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

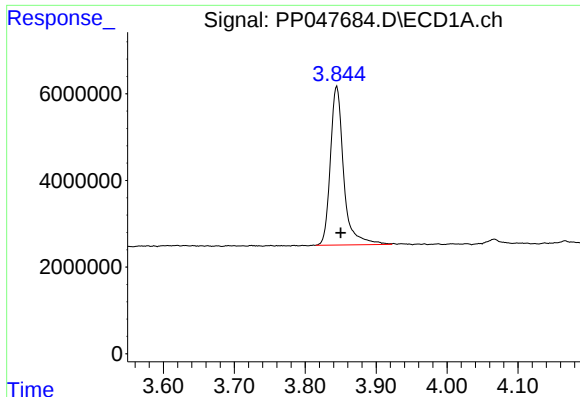
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.508	7.323	1415036	8551932	6.138	16.133 #
43) L9	AR-1268-3	8.734	7.547	317366	4476774	1.578	9.678 #
44) L9	AR-1268-4	9.170	7.866	2390044	11984989	29.819	60.616 #
45) L9	AR-1268-5	9.581	8.160	720205	10738206	1.265	8.629 #

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

Instrument :
ECD_P
ClientSampleId :

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

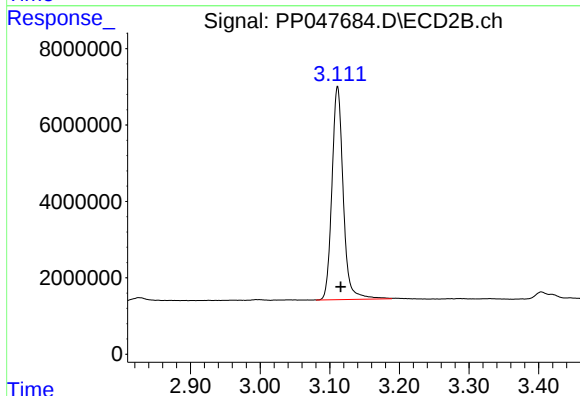




#1 Tetrachloro-m-xylene

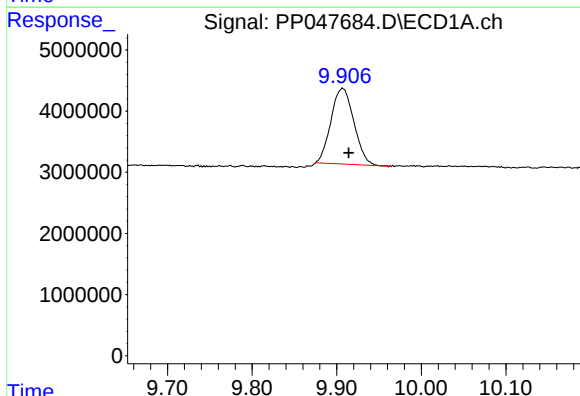
R.T.: 3.845 min
Delta R.T.: -0.005 min
Response: 47582504
Conc: 18.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



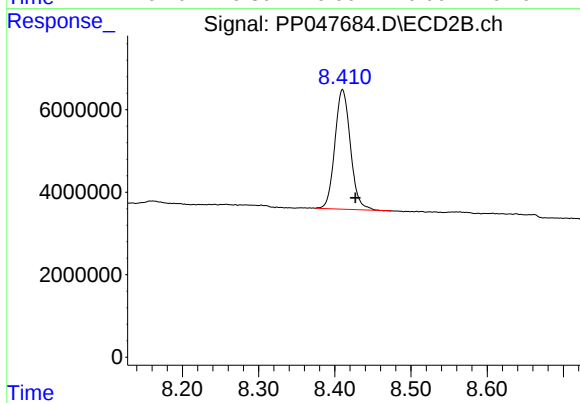
#1 Tetrachloro-m-xylene

R.T.: 3.111 min
Delta R.T.: -0.005 min
Response: 62782532
Conc: 19.07 ng/ml



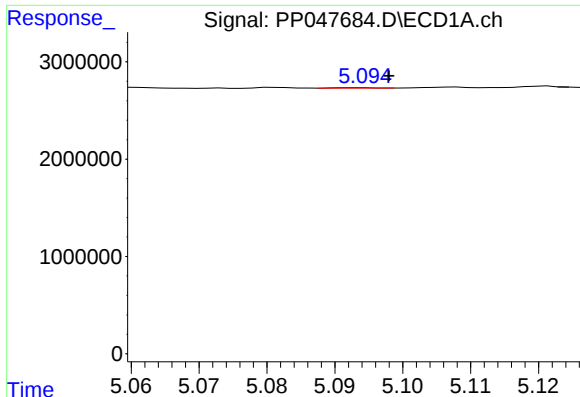
#2 Decachlorobiphenyl

R.T.: 9.907 min
Delta R.T.: -0.007 min
Response: 23306409
Conc: 16.29 ng/ml



#2 Decachlorobiphenyl

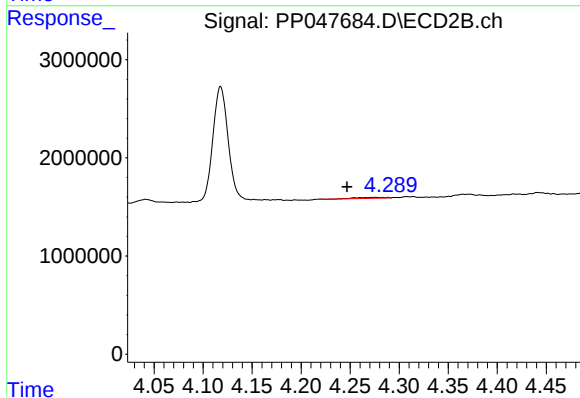
R.T.: 8.410 min
Delta R.T.: -0.017 min
Response: 41033586
Conc: 15.08 ng/ml



#3 AR-1016-1

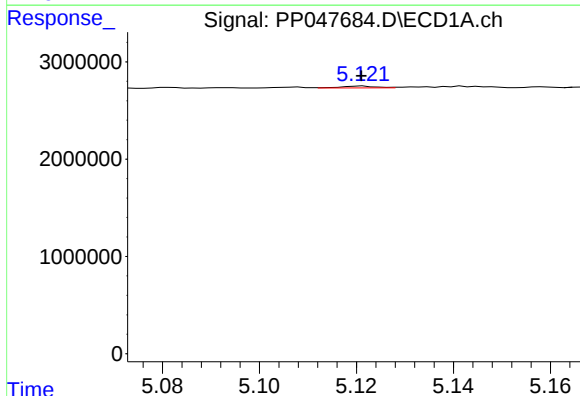
R.T.: 5.093 min
Delta R.T.: -0.005 min
Response: 17134
Conc: 0.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



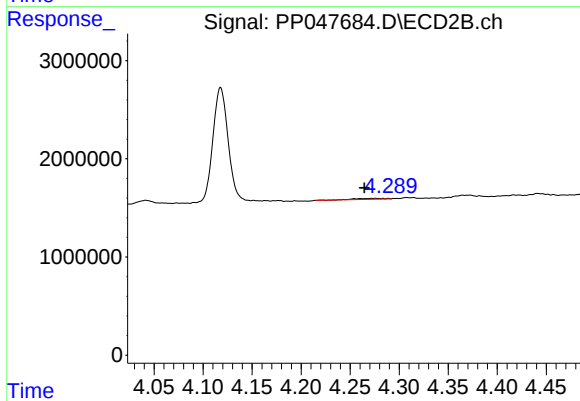
#3 AR-1016-1

R.T.: 4.275 min
Delta R.T.: 0.028 min
Response: 185485
Conc: 1.59 ng/ml



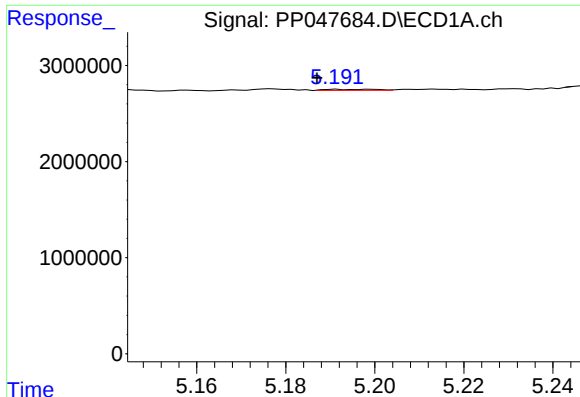
#4 AR-1016-2

R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 92481
Conc: 0.83 ng/ml



#4 AR-1016-2

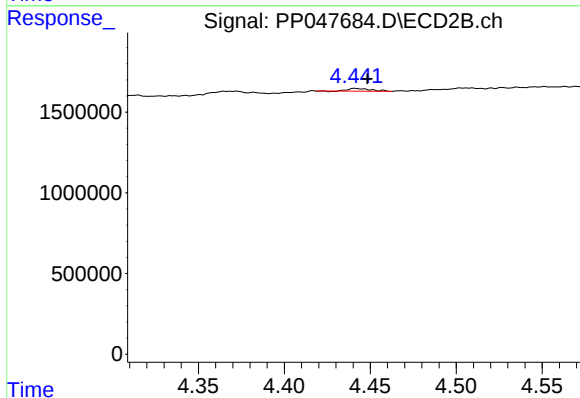
R.T.: 4.275 min
Delta R.T.: 0.011 min
Response: 185485
Conc: 1.07 ng/ml



#5 AR-1016-3

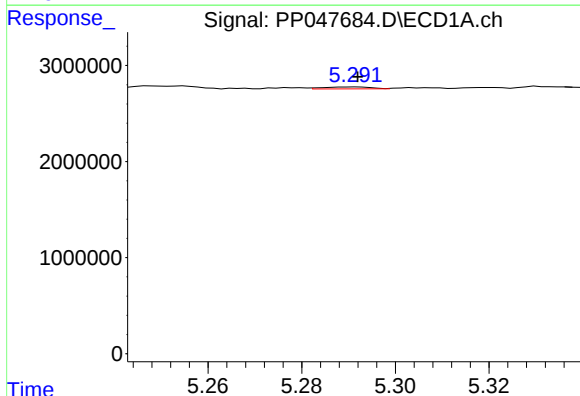
R.T.: 5.192 min
Delta R.T.: 0.005 min
Response: 87677
Conc: 1.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



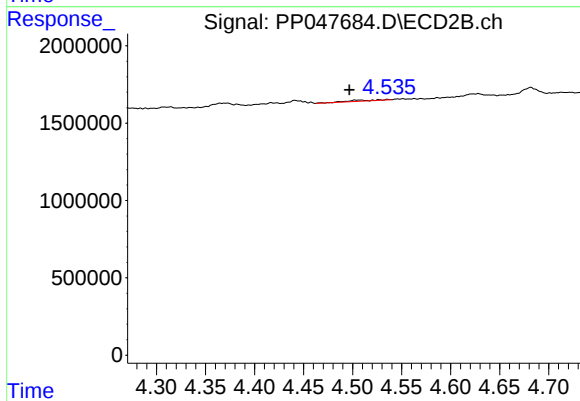
#5 AR-1016-3

R.T.: 4.441 min
Delta R.T.: -0.007 min
Response: 158782
Conc: 1.75 ng/ml



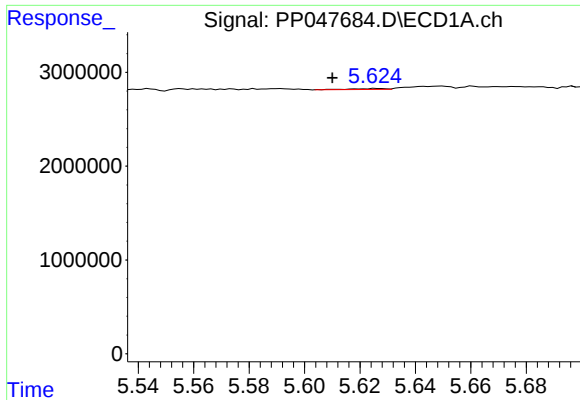
#6 AR-1016-4

R.T.: 5.291 min
Delta R.T.: -0.001 min
Response: 147239
Conc: 2.52 ng/ml



#6 AR-1016-4

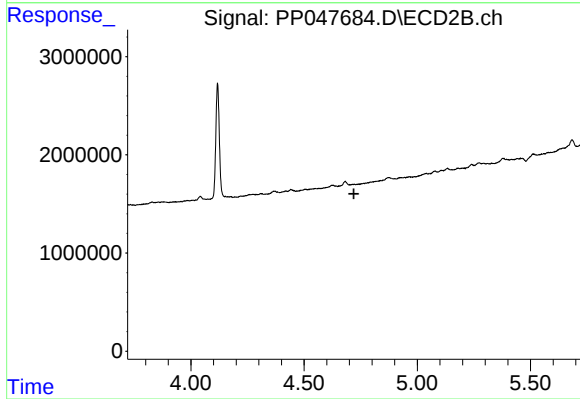
R.T.: 4.508 min
Delta R.T.: 0.011 min
Response: 130994
Conc: 1.79 ng/ml



#7 AR-1016-5

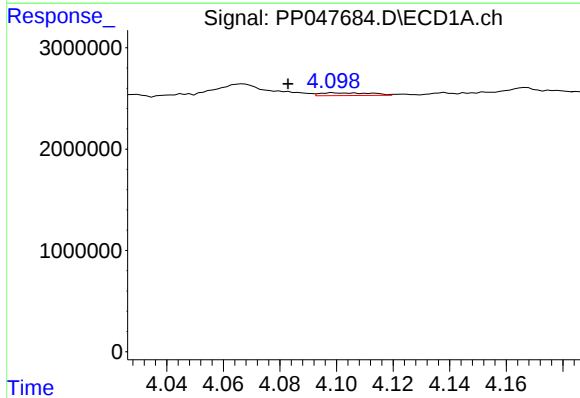
R.T.: 5.626 min
Delta R.T.: 0.016 min
Response: 87271
Conc: 1.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



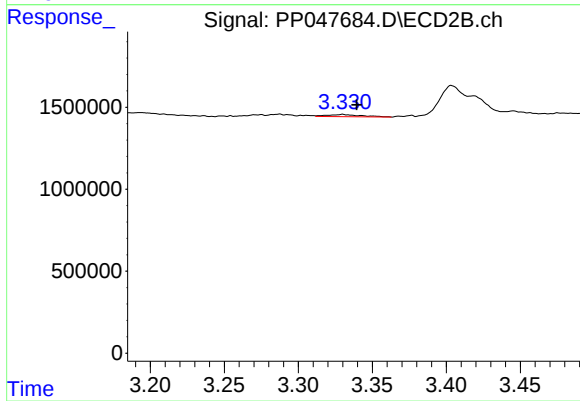
#7 AR-1016-5

R.T.: 4.713 min
Delta R.T.: -0.006 min
Response: -108998
Conc: N.D.



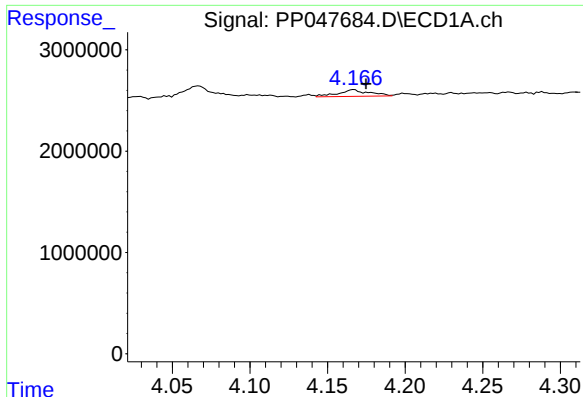
#8 AR-1221-1

R.T.: 4.099 min
Delta R.T.: 0.016 min
Response: 343196
Conc: 12.05 ng/ml



#8 AR-1221-1

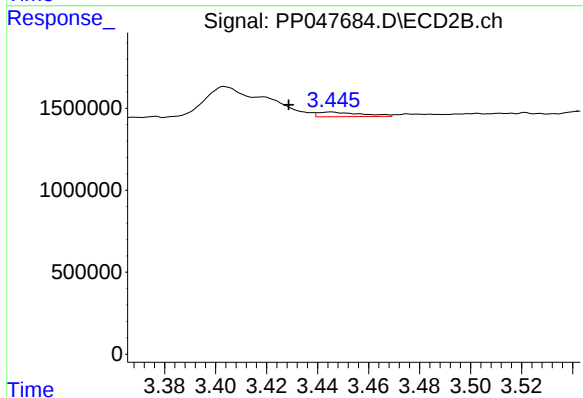
R.T.: 3.330 min
Delta R.T.: -0.009 min
Response: 215895
Conc: 5.41 ng/ml



#9 AR-1221-2

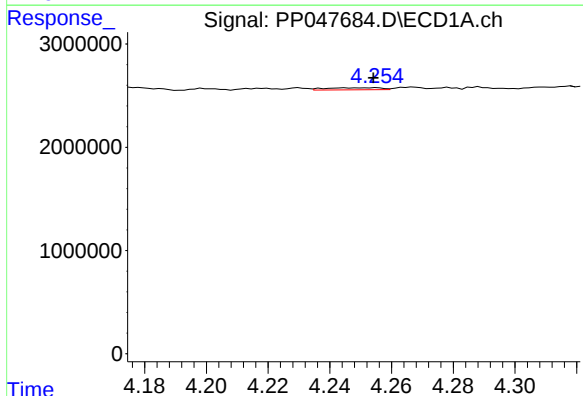
R.T.: 4.167 min
Delta R.T.: -0.008 min
Response: 907022
Conc: 44.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



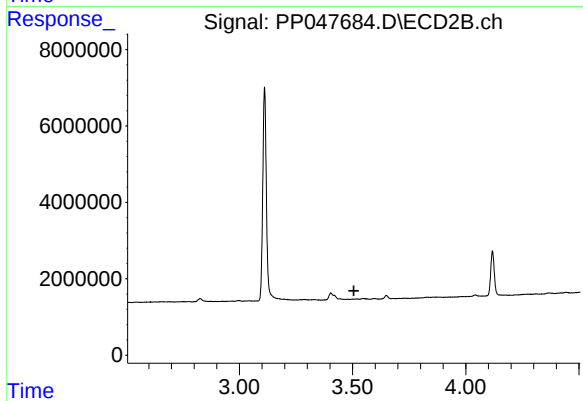
#9 AR-1221-2

R.T.: 3.445 min
Delta R.T.: 0.016 min
Response: 326901
Conc: 10.19 ng/ml



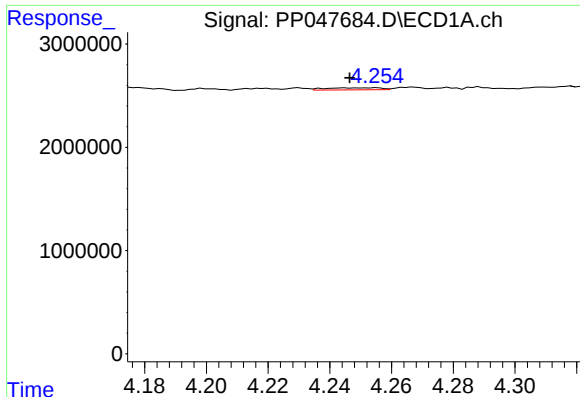
#10 AR-1221-3

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 237665
Conc: 3.68 ng/ml



#10 AR-1221-3

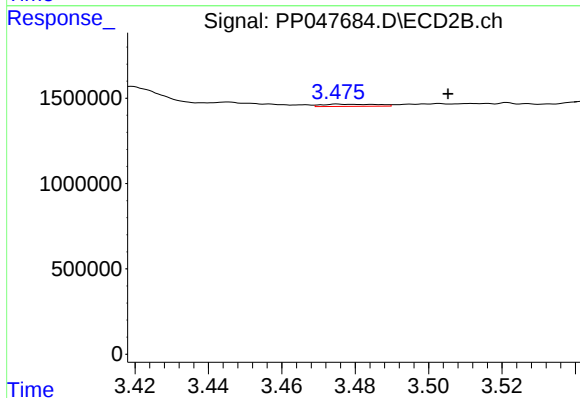
R.T.: 0.000 min
Exp R.T. : 3.506 min
Response: 0
Conc: N.D.



#11 AR-1232-1

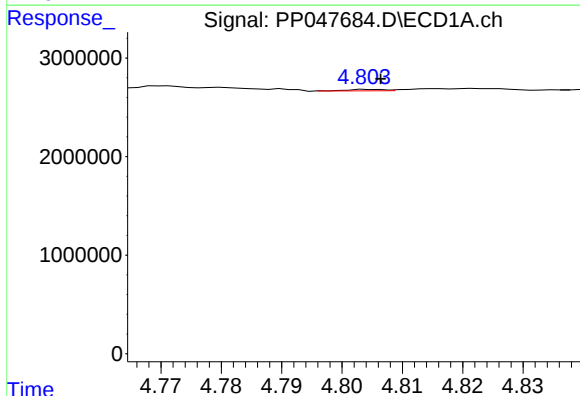
R.T.: 4.255 min
Delta R.T.: 0.008 min
Response: 237665
Conc: 3.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



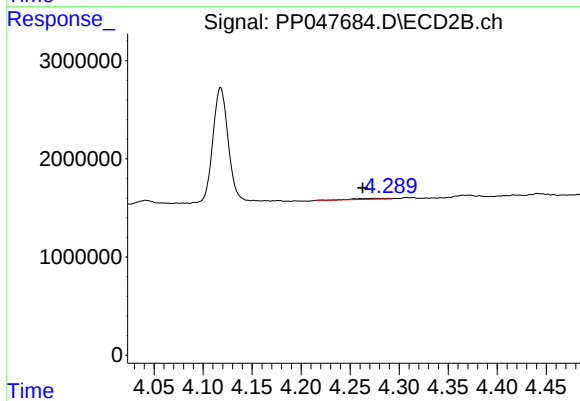
#11 AR-1232-1

R.T.: 3.476 min
Delta R.T.: -0.030 min
Response: 135397
Conc: 1.54 ng/ml



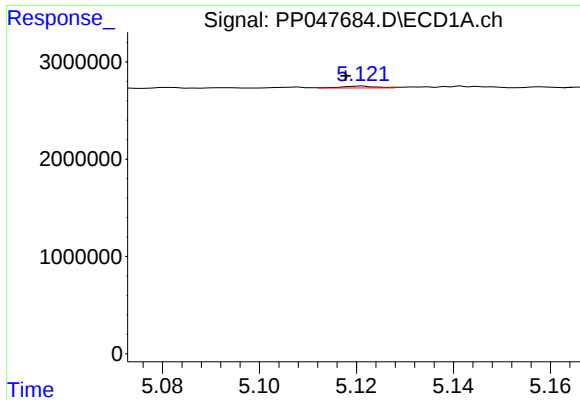
#12 AR-1232-2

R.T.: 4.805 min
Delta R.T.: -0.002 min
Response: 65826
Conc: 2.17 ng/ml



#12 AR-1232-2

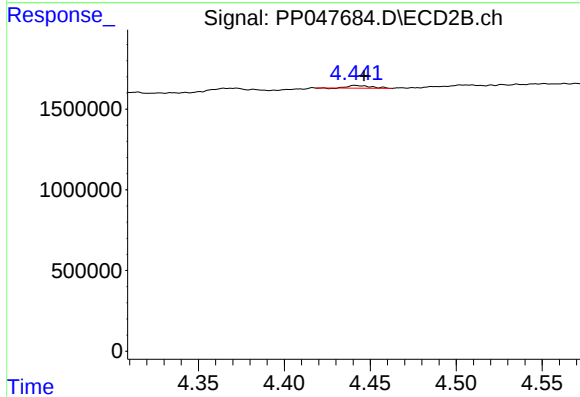
R.T.: 4.275 min
Delta R.T.: 0.012 min
Response: 185485
Conc: 2.14 ng/ml



#13 AR-1232-3

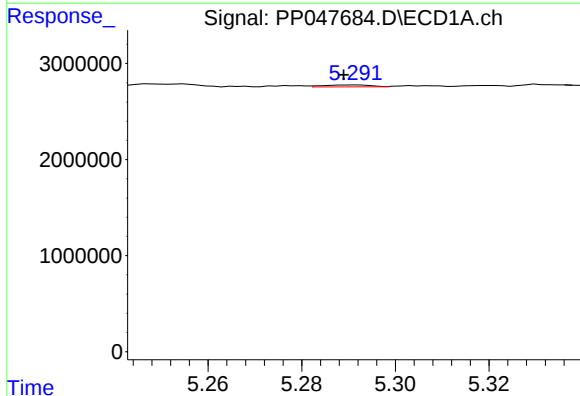
R.T.: 5.121 min
Delta R.T.: 0.003 min
Response: 92481
Conc: 1.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



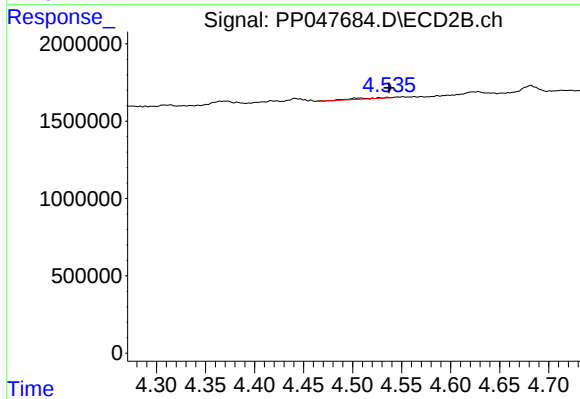
#13 AR-1232-3

R.T.: 4.441 min
Delta R.T.: -0.005 min
Response: 158782
Conc: 3.57 ng/ml



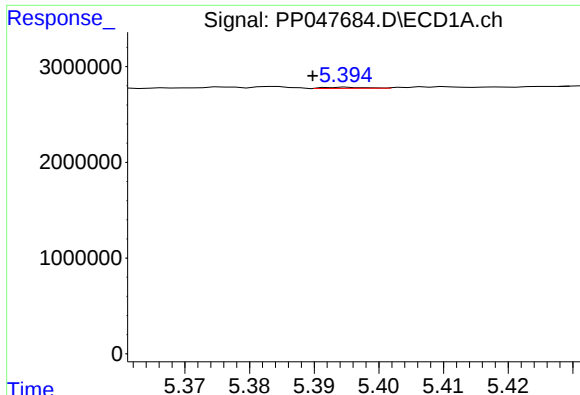
#14 AR-1232-4

R.T.: 5.291 min
Delta R.T.: 0.002 min
Response: 147239
Conc: 5.49 ng/ml



#14 AR-1232-4

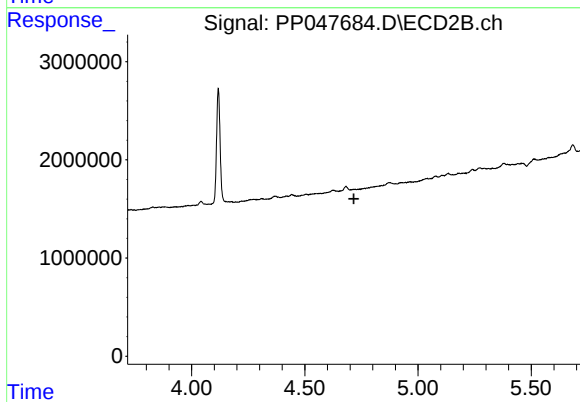
R.T.: 4.508 min
Delta R.T.: -0.029 min
Response: 130994
Conc: 3.34 ng/ml



#15 AR-1232-5

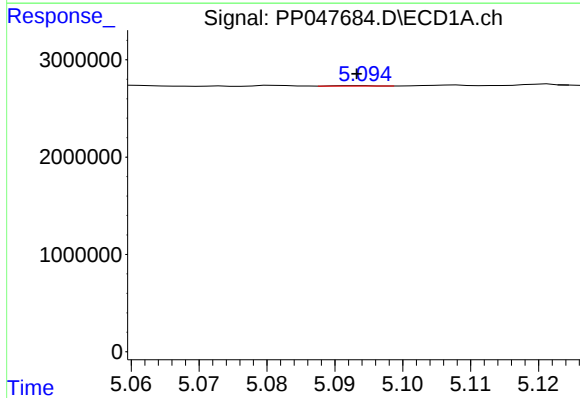
R.T.: 5.395 min
Delta R.T.: 0.005 min
Response: 49065
Conc: 2.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



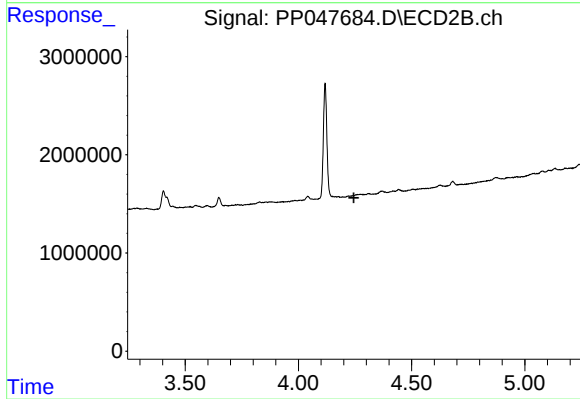
#15 AR-1232-5

R.T.: 4.713 min
Delta R.T.: -0.004 min
Response: -108998
Conc: N.D.



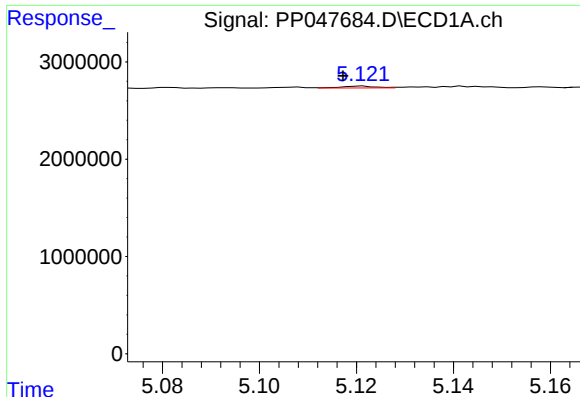
#16 AR-1242-1

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 17134
Conc: 0.30 ng/ml



#16 AR-1242-1

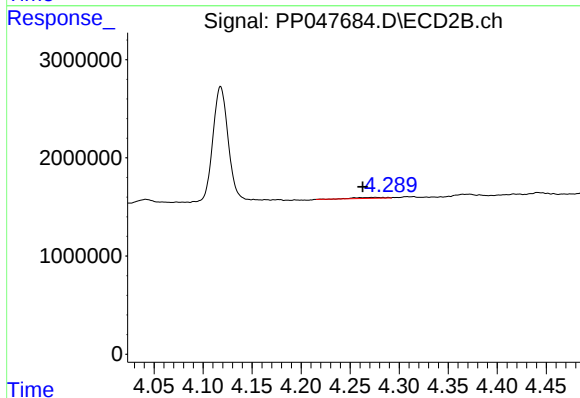
R.T.: 0.000 min
Exp R.T. : 4.245 min
Response: 0
Conc: N.D.



#17 AR-1242-2

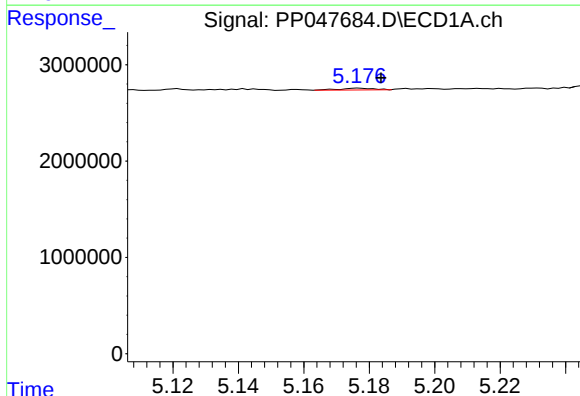
R.T.: 5.121 min
Delta R.T.: 0.004 min
Response: 92481
Conc: 1.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



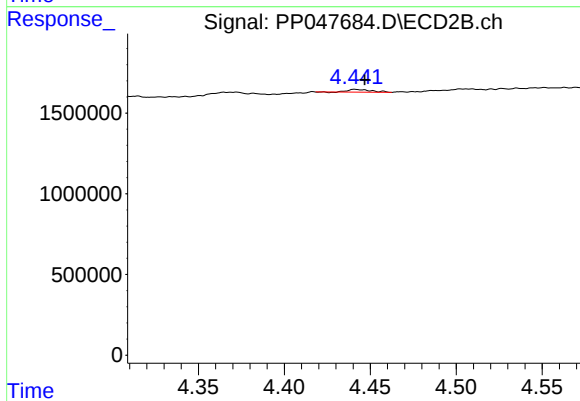
#17 AR-1242-2

R.T.: 4.275 min
Delta R.T.: 0.012 min
Response: 185485
Conc: 1.37 ng/ml



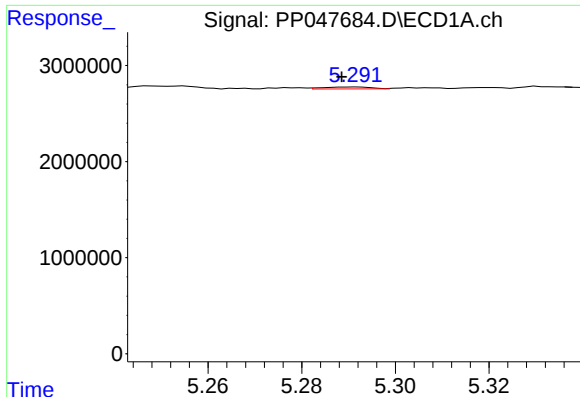
#18 AR-1242-3

R.T.: 5.177 min
Delta R.T.: -0.007 min
Response: 139924
Conc: 2.70 ng/ml



#18 AR-1242-3

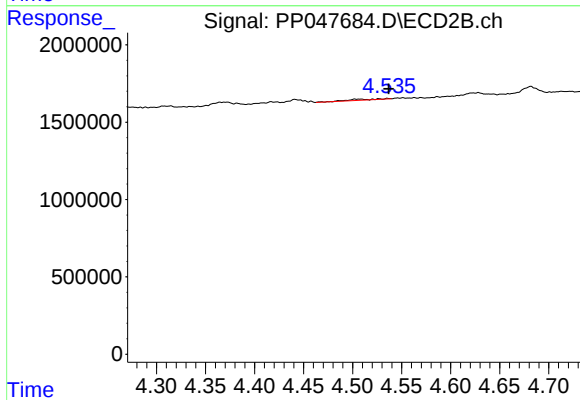
R.T.: 4.441 min
Delta R.T.: -0.005 min
Response: 158782
Conc: 2.25 ng/ml



#19 AR-1242-4

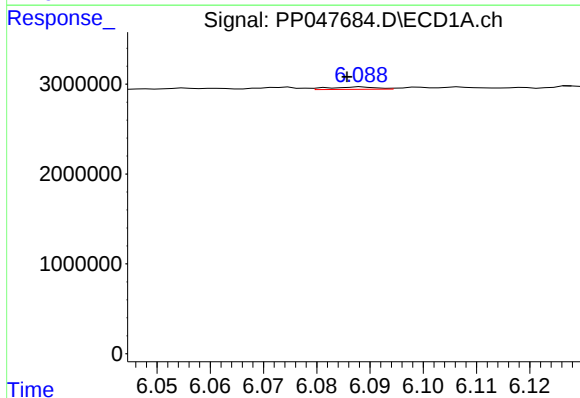
R.T.: 5.291 min
Delta R.T.: 0.002 min
Response: 147239
Conc: 2.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



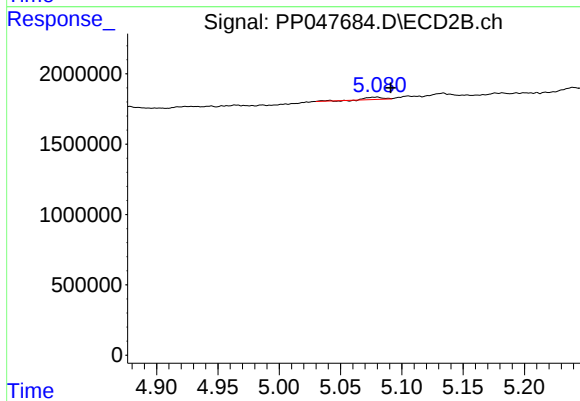
#19 AR-1242-4

R.T.: 4.508 min
Delta R.T.: -0.029 min
Response: 130994
Conc: 1.90 ng/ml



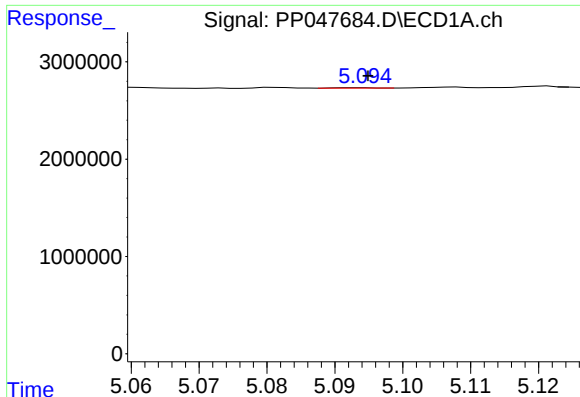
#20 AR-1242-5

R.T.: 6.088 min
Delta R.T.: 0.003 min
Response: 168176
Conc: 3.68 ng/ml



#20 AR-1242-5

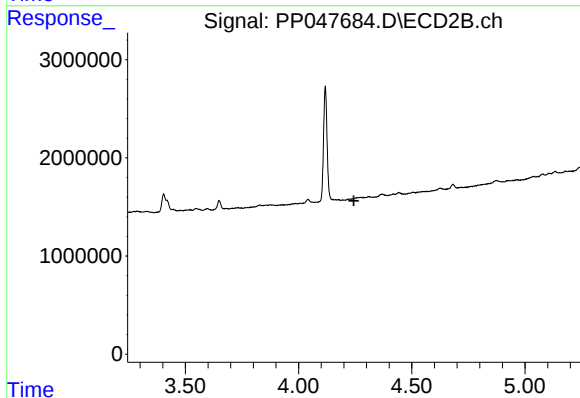
R.T.: 5.078 min
Delta R.T.: -0.013 min
Response: 148192
Conc: 1.66 ng/ml



#21 AR-1248-1

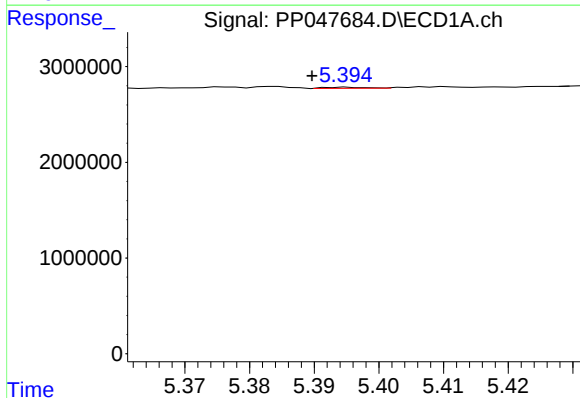
R.T.: 5.093 min
Delta R.T.: -0.001 min
Response: 17134
Conc: 0.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



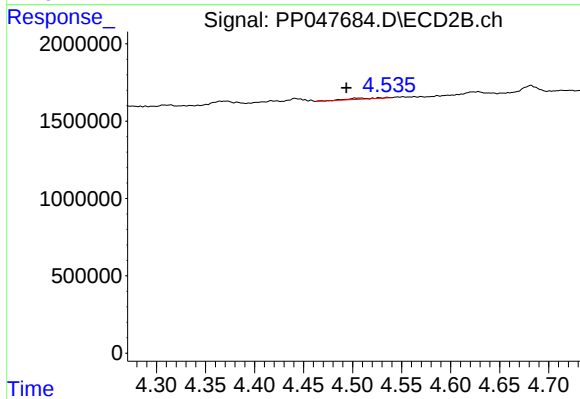
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.244 min
Response: 0
Conc: N.D.



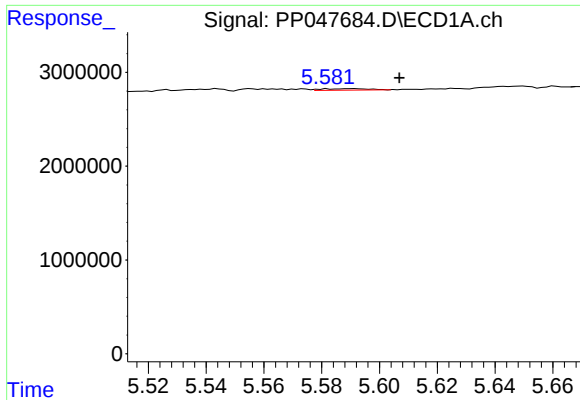
#22 AR-1248-2

R.T.: 5.395 min
Delta R.T.: 0.005 min
Response: 49065
Conc: 0.78 ng/ml



#22 AR-1248-2

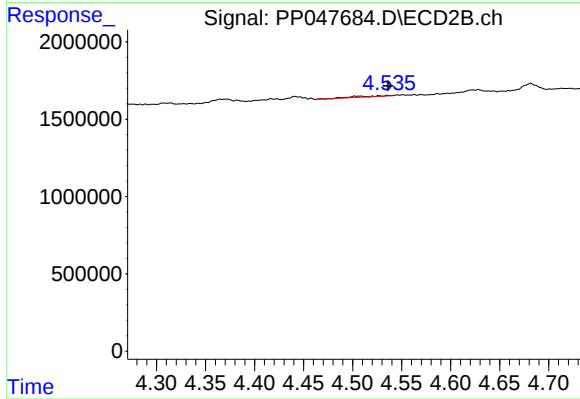
R.T.: 4.508 min
Delta R.T.: 0.014 min
Response: 130994
Conc: 1.31 ng/ml



#23 AR-1248-3

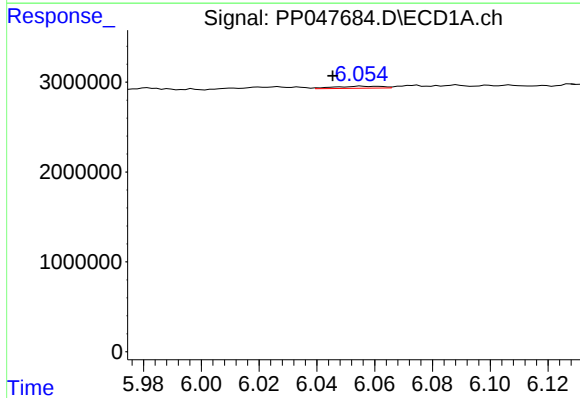
R.T.: 5.591 min
Delta R.T.: -0.016 min
Response: 170544
Conc: 2.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



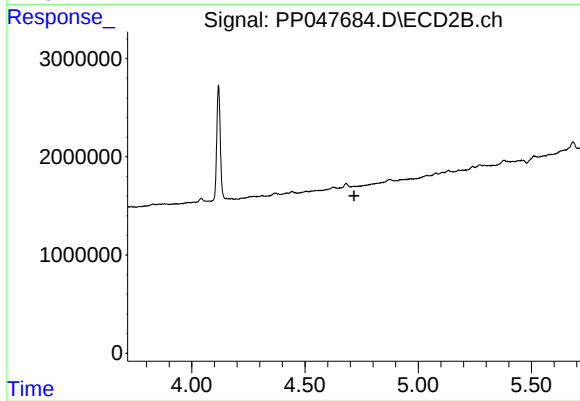
#23 AR-1248-3

R.T.: 4.508 min
Delta R.T.: -0.028 min
Response: 130994
Conc: 1.26 ng/ml



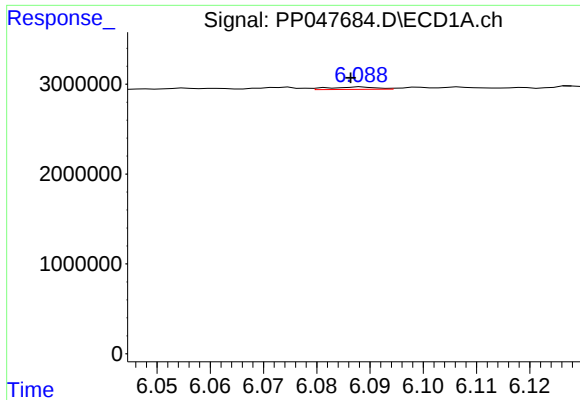
#24 AR-1248-4

R.T.: 6.055 min
Delta R.T.: 0.010 min
Response: 264178
Conc: 3.26 ng/ml



#24 AR-1248-4

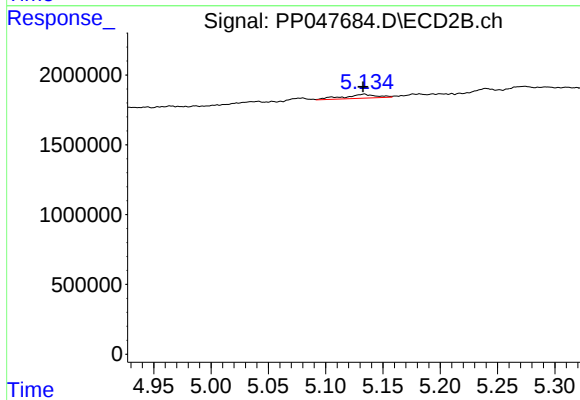
R.T.: 4.713 min
Delta R.T.: -0.003 min
Response: -108998
Conc: N.D.



#25 AR-1248-5

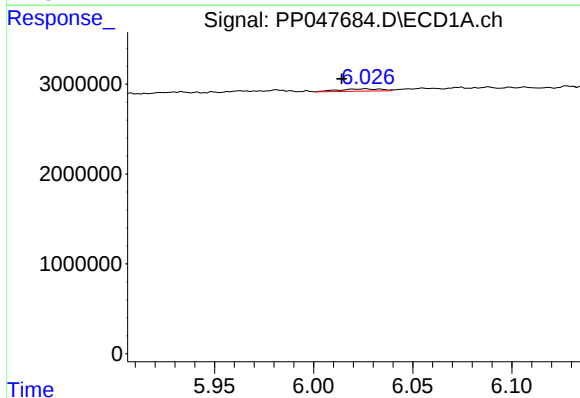
R.T.: 6.088 min
Delta R.T.: 0.002 min
Response: 168176
Conc: 2.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



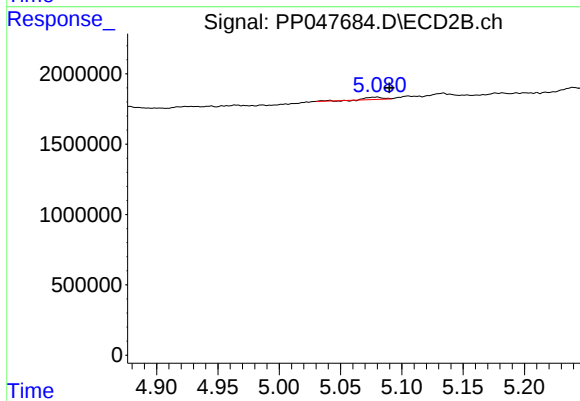
#25 AR-1248-5

R.T.: 5.133 min
Delta R.T.: 0.000 min
Response: 562983
Conc: 4.37 ng/ml



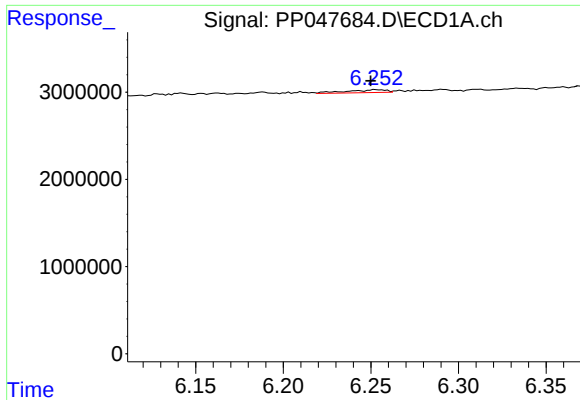
#26 AR-1254-1

R.T.: 6.027 min
Delta R.T.: 0.012 min
Response: 374810
Conc: 4.79 ng/ml



#26 AR-1254-1

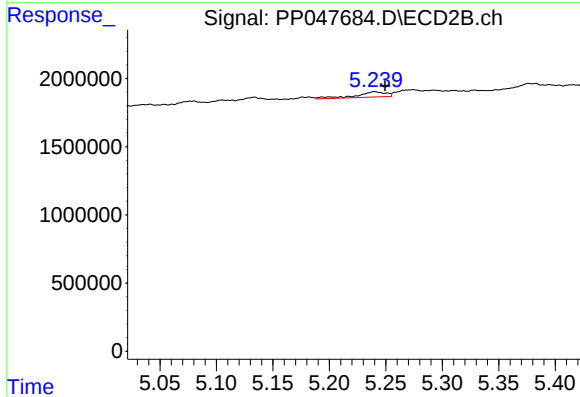
R.T.: 5.078 min
Delta R.T.: -0.012 min
Response: 148192
Conc: 0.79 ng/ml



#27 AR-1254-2

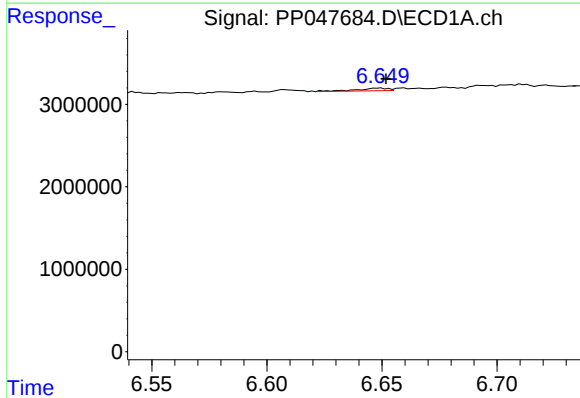
R.T.: 6.253 min
Delta R.T.: 0.003 min
Response: 517283
Conc: 4.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



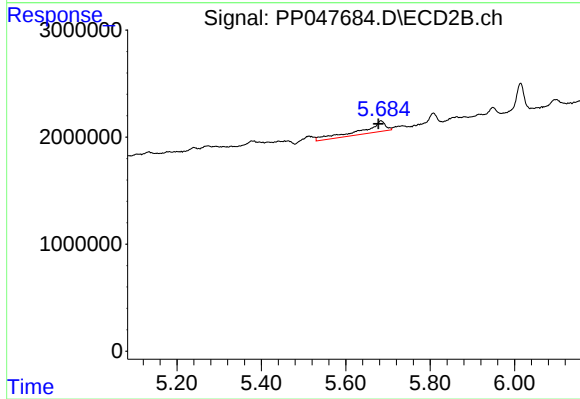
#27 AR-1254-2

R.T.: 5.240 min
Delta R.T.: -0.009 min
Response: 715106
Conc: 4.34 ng/ml



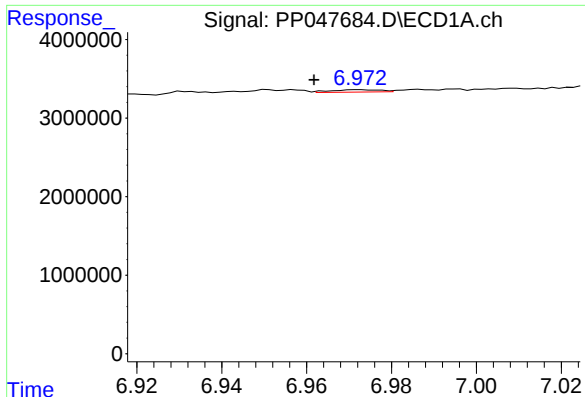
#28 AR-1254-3

R.T.: 6.649 min
Delta R.T.: -0.003 min
Response: 303757
Conc: 2.32 ng/ml



#28 AR-1254-3

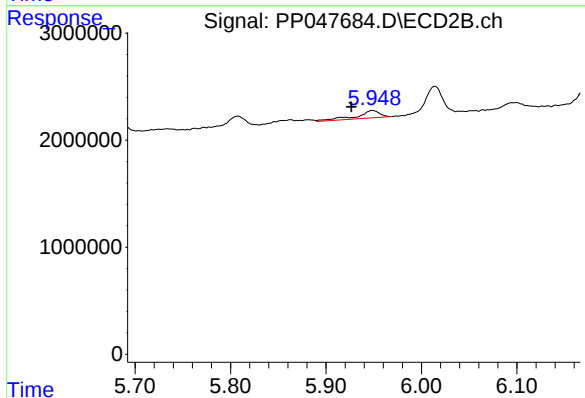
R.T.: 5.684 min
Delta R.T.: 0.006 min
Response: 4049441
Conc: 15.81 ng/ml



#29 AR-1254-4

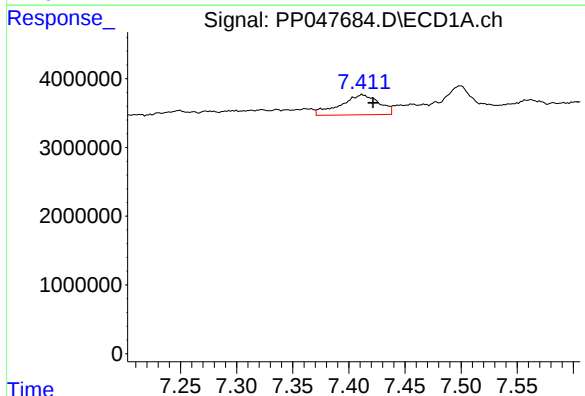
R.T.: 6.972 min
Delta R.T.: 0.011 min
Response: 236711
Conc: 2.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



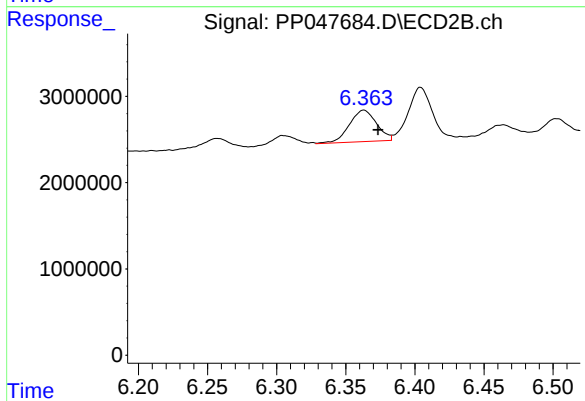
#29 AR-1254-4

R.T.: 5.949 min
Delta R.T.: 0.022 min
Response: 1137614
Conc: 6.21 ng/ml



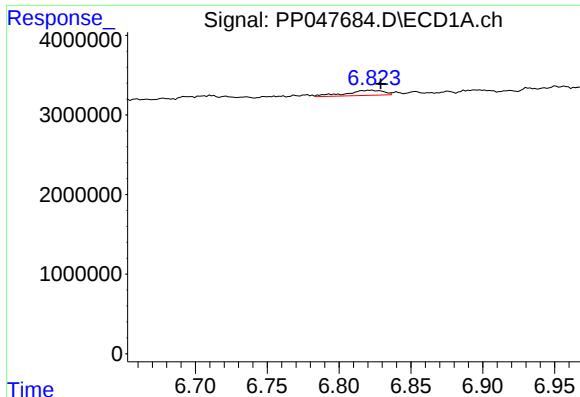
#30 AR-1254-5

R.T.: 7.412 min
Delta R.T.: -0.010 min
Response: 6940551
Conc: 71.15 ng/ml



#30 AR-1254-5

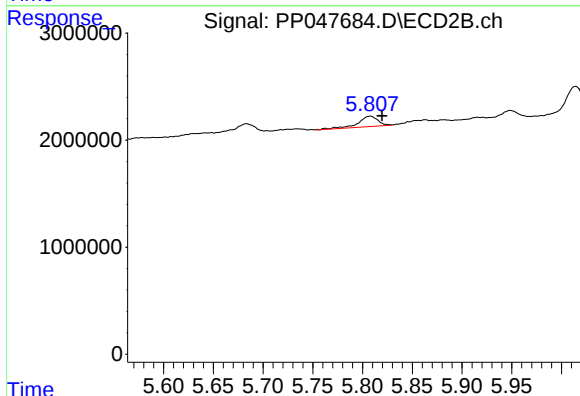
R.T.: 6.363 min
Delta R.T.: -0.010 min
Response: 4998499
Conc: 20.82 ng/ml



#31 AR-1260-1

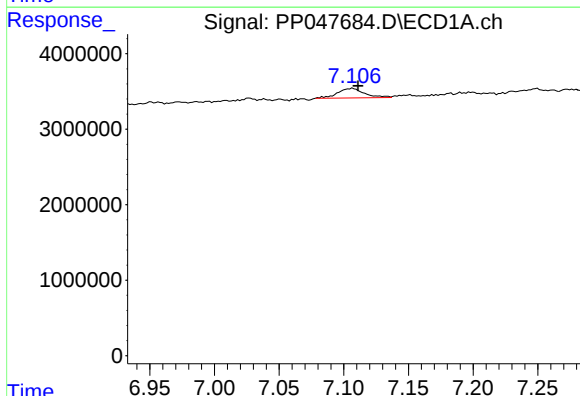
R.T.: 6.822 min
Delta R.T.: -0.007 min
Response: 1157588
Conc: 12.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



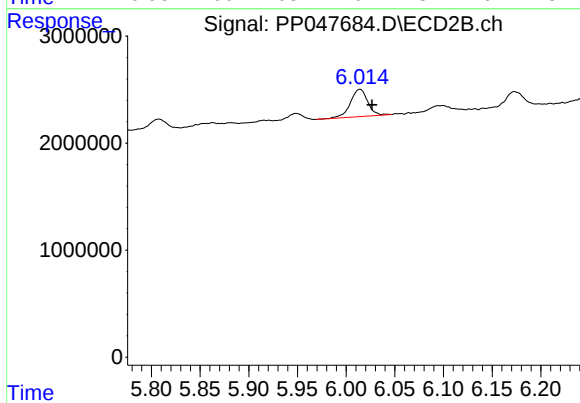
#31 AR-1260-1

R.T.: 5.808 min
Delta R.T.: -0.012 min
Response: 1394485
Conc: 8.19 ng/ml



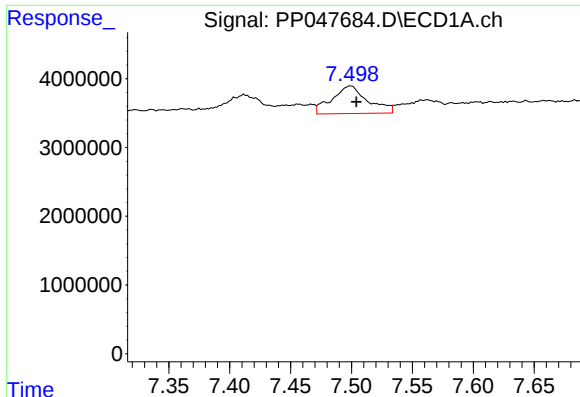
#32 AR-1260-2

R.T.: 7.107 min
Delta R.T.: -0.004 min
Response: 1826491
Conc: 15.73 ng/ml



#32 AR-1260-2

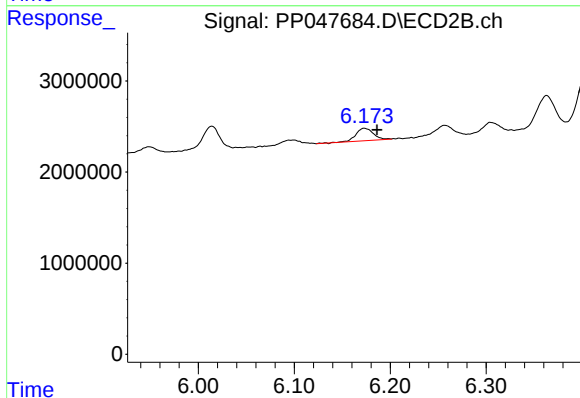
R.T.: 6.014 min
Delta R.T.: -0.013 min
Response: 3149124
Conc: 12.98 ng/ml



#33 AR-1260-3

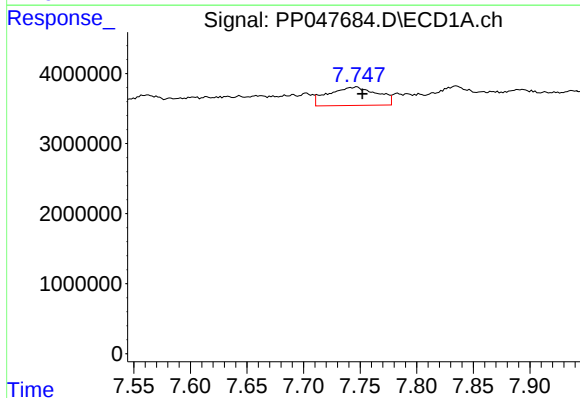
R.T.: 7.500 min
Delta R.T.: -0.004 min
Response: 8191767
Conc: 79.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



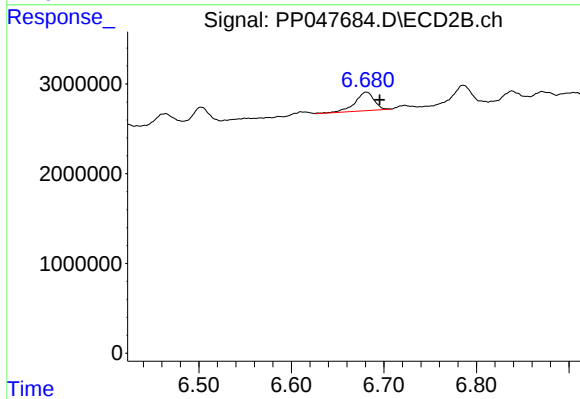
#33 AR-1260-3

R.T.: 6.173 min
Delta R.T.: -0.013 min
Response: 1735202
Conc: 8.68 ng/ml



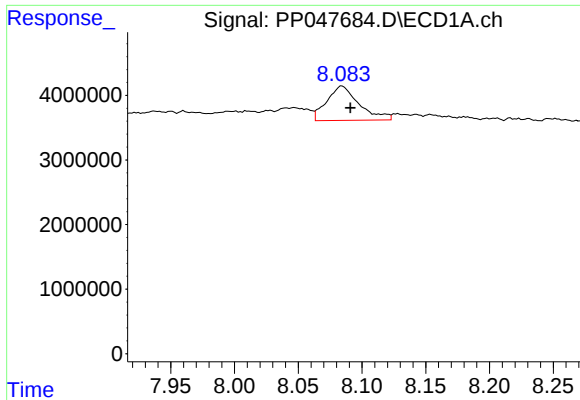
#34 AR-1260-4

R.T.: 7.747 min
Delta R.T.: -0.005 min
Response: 7916582
Conc: 81.93 ng/ml



#34 AR-1260-4

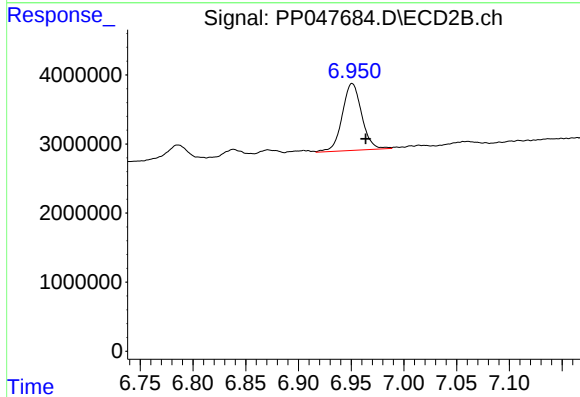
R.T.: 6.681 min
Delta R.T.: -0.015 min
Response: 2965314
Conc: 16.78 ng/ml



#35 AR-1260-5

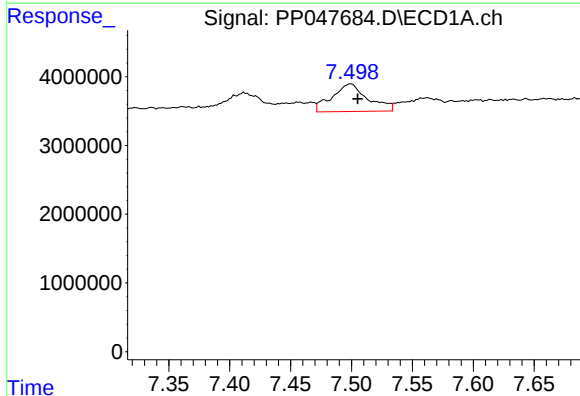
R.T.: 8.084 min
Delta R.T.: -0.007 min
Response: 9370823
Conc: 52.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



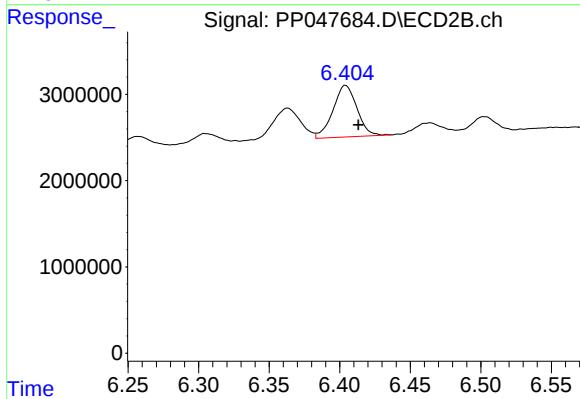
#35 AR-1260-5

R.T.: 6.951 min
Delta R.T.: -0.013 min
Response: 12448543
Conc: 26.46 ng/ml



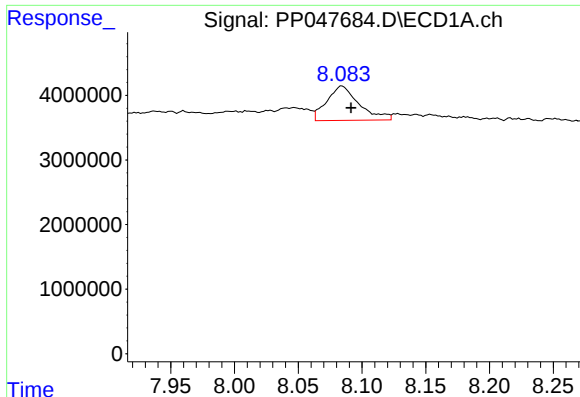
#36 AR-1262-1

R.T.: 7.500 min
Delta R.T.: -0.006 min
Response: 8191767
Conc: 53.59 ng/ml



#36 AR-1262-1

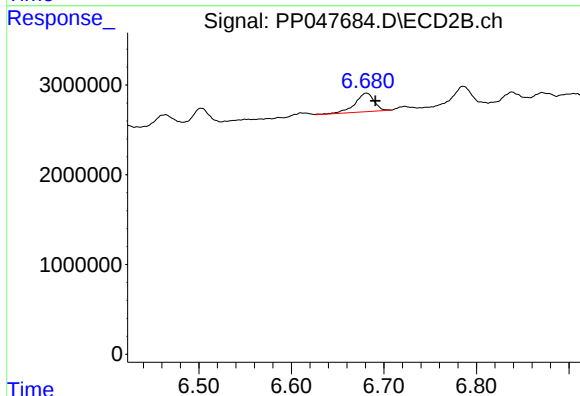
R.T.: 6.404 min
Delta R.T.: -0.009 min
Response: 7067079
Conc: 21.72 ng/ml



#37 AR-1262-2

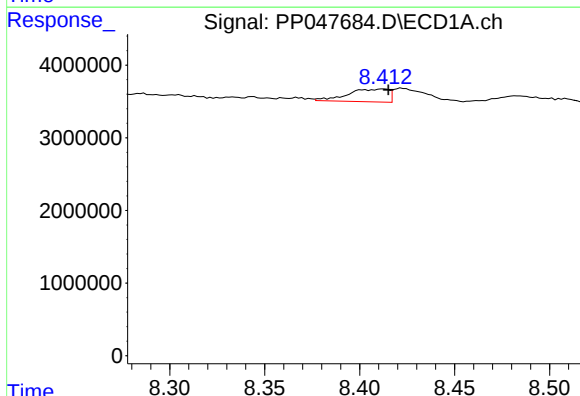
R.T.: 8.084 min
Delta R.T.: -0.007 min
Response: 9370823
Conc: 43.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



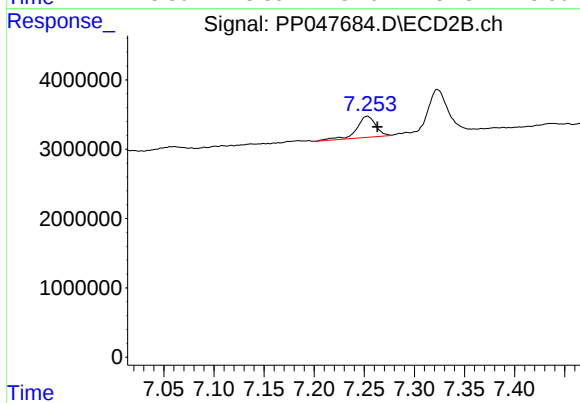
#37 AR-1262-2

R.T.: 6.681 min
Delta R.T.: -0.010 min
Response: 2965314
Conc: 12.14 ng/ml



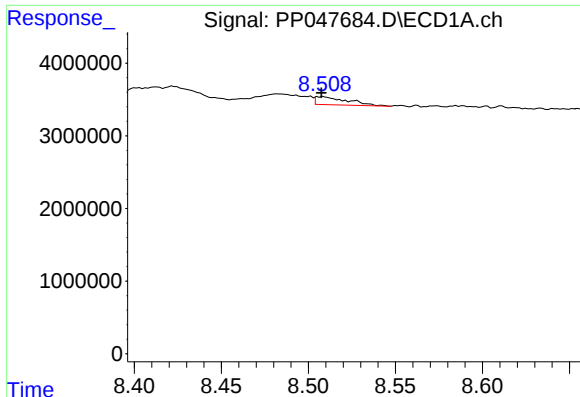
#38 AR-1262-3

R.T.: 8.413 min
Delta R.T.: -0.002 min
Response: 2658365
Conc: 18.84 ng/ml



#38 AR-1262-3

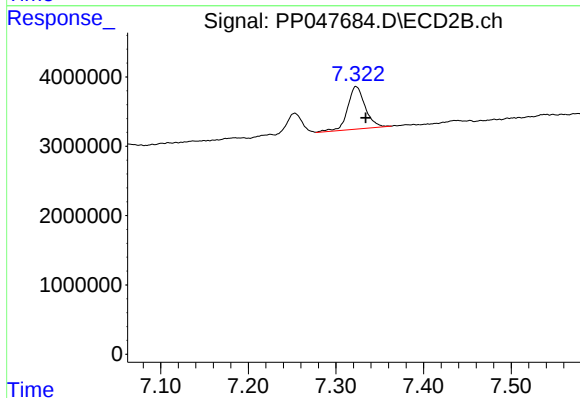
R.T.: 7.253 min
Delta R.T.: -0.010 min
Response: 4096284
Conc: 19.01 ng/ml



#39 AR-1262-4

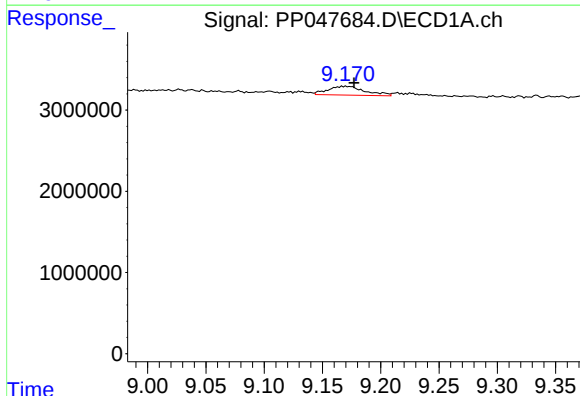
R.T.: 8.508 min
Delta R.T.: 0.000 min
Response: 1415036
Conc: 12.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



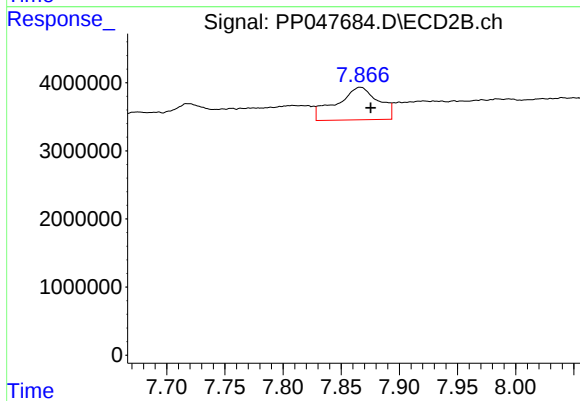
#39 AR-1262-4

R.T.: 7.323 min
Delta R.T.: -0.011 min
Response: 8551932
Conc: 23.68 ng/ml



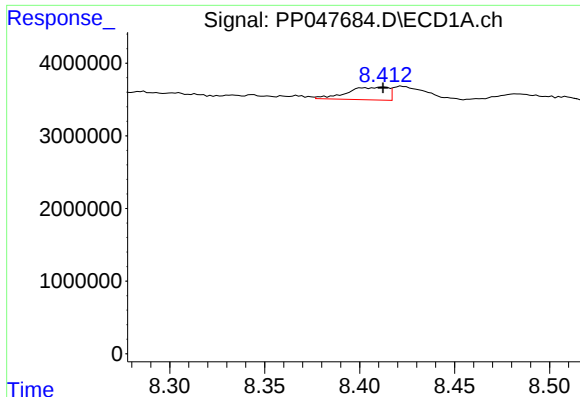
#40 AR-1262-5

R.T.: 9.170 min
Delta R.T.: -0.007 min
Response: 2390044
Conc: 33.58 ng/ml



#40 AR-1262-5

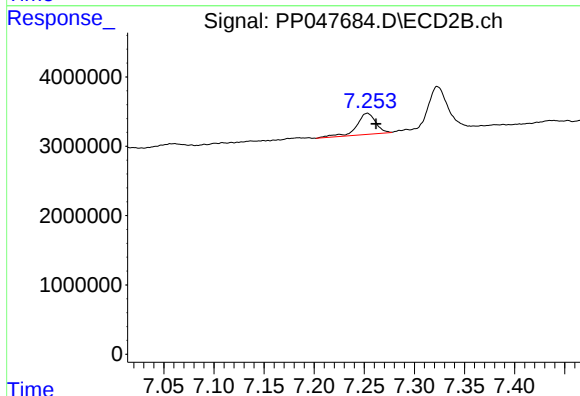
R.T.: 7.866 min
Delta R.T.: -0.009 min
Response: 11984989
Conc: 69.62 ng/ml



#41 AR-1268-1

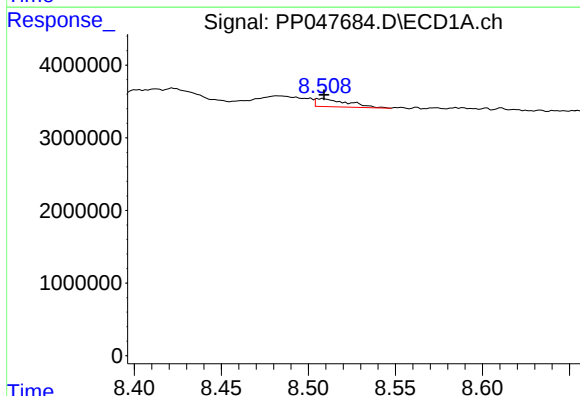
R.T.: 8.413 min
Delta R.T.: 0.000 min
Response: 2658365
Conc: 10.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



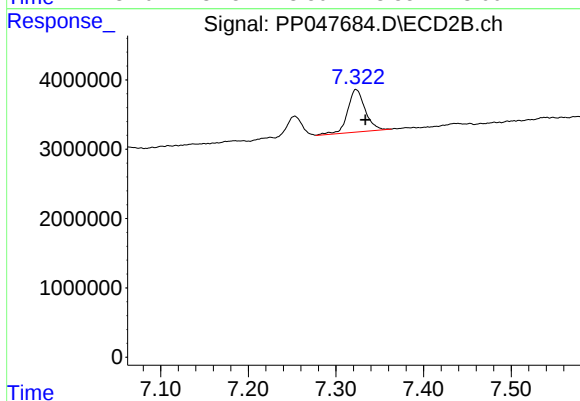
#41 AR-1268-1

R.T.: 7.253 min
Delta R.T.: -0.009 min
Response: 4096284
Conc: 6.33 ng/ml



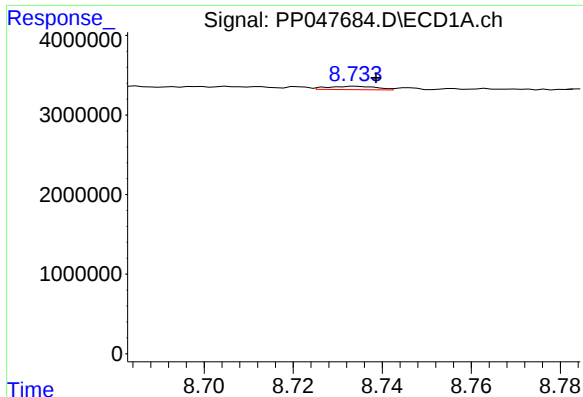
#42 AR-1268-2

R.T.: 8.508 min
Delta R.T.: 0.000 min
Response: 1415036
Conc: 6.14 ng/ml



#42 AR-1268-2

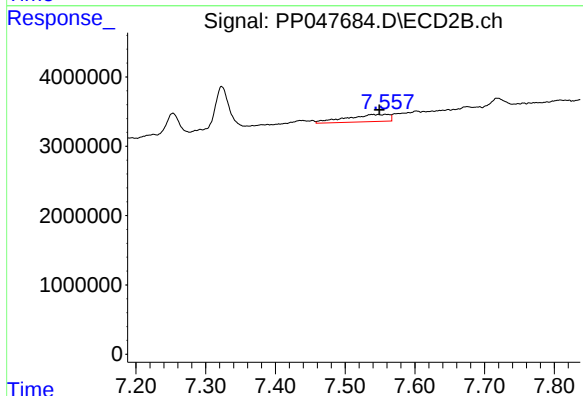
R.T.: 7.323 min
Delta R.T.: -0.010 min
Response: 8551932
Conc: 16.13 ng/ml



#43 AR-1268-3

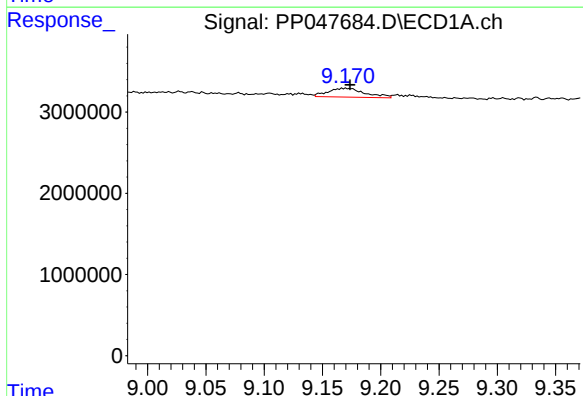
R.T.: 8.734 min
Delta R.T.: -0.004 min
Response: 317366
Conc: 1.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



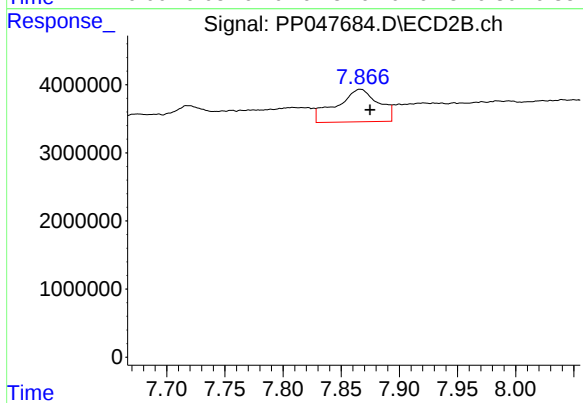
#43 AR-1268-3

R.T.: 7.547 min
Delta R.T.: -0.003 min
Response: 4476774
Conc: 9.68 ng/ml



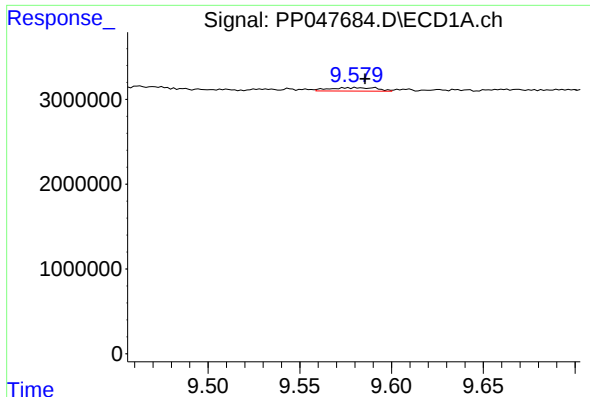
#44 AR-1268-4

R.T.: 9.170 min
Delta R.T.: -0.004 min
Response: 2390044
Conc: 29.82 ng/ml



#44 AR-1268-4

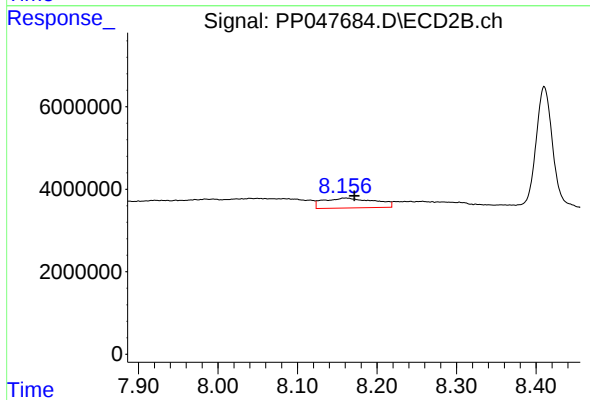
R.T.: 7.866 min
Delta R.T.: -0.009 min
Response: 11984989
Conc: 60.62 ng/ml



#45 AR-1268-5

R.T.: 9.581 min
Delta R.T.: -0.005 min
Response: 720205
Conc: 1.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.160 min
Delta R.T.: -0.011 min
Response: 10738206
Conc: 8.63 ng/ml