

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR050523\
 Data File : PR061255.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2023 19:40
 Operator : YP\AJ
 Sample : 02589-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 05 21:31:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR050223CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 03 03:42:07 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.686	2.898	73550187	100.2E6	20.186	20.903
2)	SA Decachlor...	9.657	8.121	85328812	125.0E6	31.538	28.181
Target Compounds							
3)	L1 AR-1016-1	4.944	3.999	5097713	579594	42.556	3.567 #
4)	L1 AR-1016-2	4.944	4.031	5097713	790674	30.205	3.435 #
5)	L1 AR-1016-3	5.019	4.196	5372322	15690	50.196	0.131 #
6)	L1 AR-1016-4	5.104	4.239	1948724	301743	22.357	3.287 #
7)	L1 AR-1016-5	0.000	4.447	0	282180	N.D.	2.320 #
8)	L2 AR-1221-1	3.896	3.114	2228380	386007	50.432	7.419 #
9)	L2 AR-1221-2	4.001	3.182	1615215	8516682	52.740	228.733 #
10)	L2 AR-1221-3	4.099	3.282	882222	205290	8.958	1.643 #
11)	L3 AR-1232-1	4.099	3.282	882222	205290	10.635	1.957 #
12)	L3 AR-1232-2	4.625	4.031	1148951	790674	28.831	7.823 #
13)	L3 AR-1232-3	4.944	4.196	5097713	15690	66.094	0.303 #
14)	L3 AR-1232-4	5.104	4.292	1948724	142102	48.493	3.164 #
15)	L3 AR-1232-5	0.000	4.447	0	282180	N.D.	5.550 #
16)	L4 AR-1242-1	4.944	3.999	5097713	579594	50.411	4.294 #
17)	L4 AR-1242-2	4.944	4.031	5097713	790674	36.732	4.149 #
18)	L4 AR-1242-3	5.019	4.196	5372322	15690	60.409	0.157 #
19)	L4 AR-1242-4	5.104	4.292	1948724	142102	26.997	1.509 #
20)	L4 AR-1242-5	5.840f	4.836	23082250	690736	300.588	5.556 #
21)	L5 AR-1248-1	4.944	3.999	5097713	579594	68.167	5.754 #
22)	L5 AR-1248-2	0.000	4.239	0	301743	N.D.	2.172 #
23)	L5 AR-1248-3	0.000	4.292	0	142102	N.D.	1.010 #
24)	L5 AR-1248-4	5.840	4.447	23082250	282180	175.267	1.634 #
25)	L5 AR-1248-5	5.840f	4.864	23082250	835063	180.031	4.718 #
26)	L6 AR-1254-1	5.840	4.836	23082250	690736	182.000	2.627 #
27)	L6 AR-1254-2	6.076	4.998	1774596	333595	8.919	1.469 #
28)	L6 AR-1254-3	6.465	5.412	541760	704733	2.536	1.863 #
29)	L6 AR-1254-4	6.795	5.659	822181	954697	5.064	3.951
30)	L6 AR-1254-5	7.266	6.100	3090702	5796235	17.921	16.810
31)	L7 AR-1260-1	6.651	5.560	999168	556583	5.986	2.132 #
32)	L7 AR-1260-2	6.924	5.762	2580241	380449	12.868	1.174 #
33)	L7 AR-1260-3	7.266f	5.910	3090702	123863	21.075	0.413 #
34)	L7 AR-1260-4	7.579	6.436	11410300	19911809	67.330	78.606
35)	L7 AR-1260-5	7.907	6.692	1272646	1969354	3.884	3.161
36)	L8 AR-1262-1	7.266f	6.144	3090702	345312	14.930	0.969 #
37)	L8 AR-1262-2	7.907	6.436	1272646	19911809	3.464	61.360 #
38)	L8 AR-1262-3	8.224	6.965	1767636	9555200	7.110	37.545 #
39)	L8 AR-1262-4	8.297	7.042	12775802	2013924	68.258	4.054 #
40)	L8 AR-1262-5	0.000	7.595	0	1129012	N.D.	4.945 #
41)	L9 AR-1268-1	8.224	6.965	1767636	9555200	5.261	15.656 #

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Integration File signal 1: autoint1.e
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 Response via : Initial Calibration
 Integrator: ChemStation

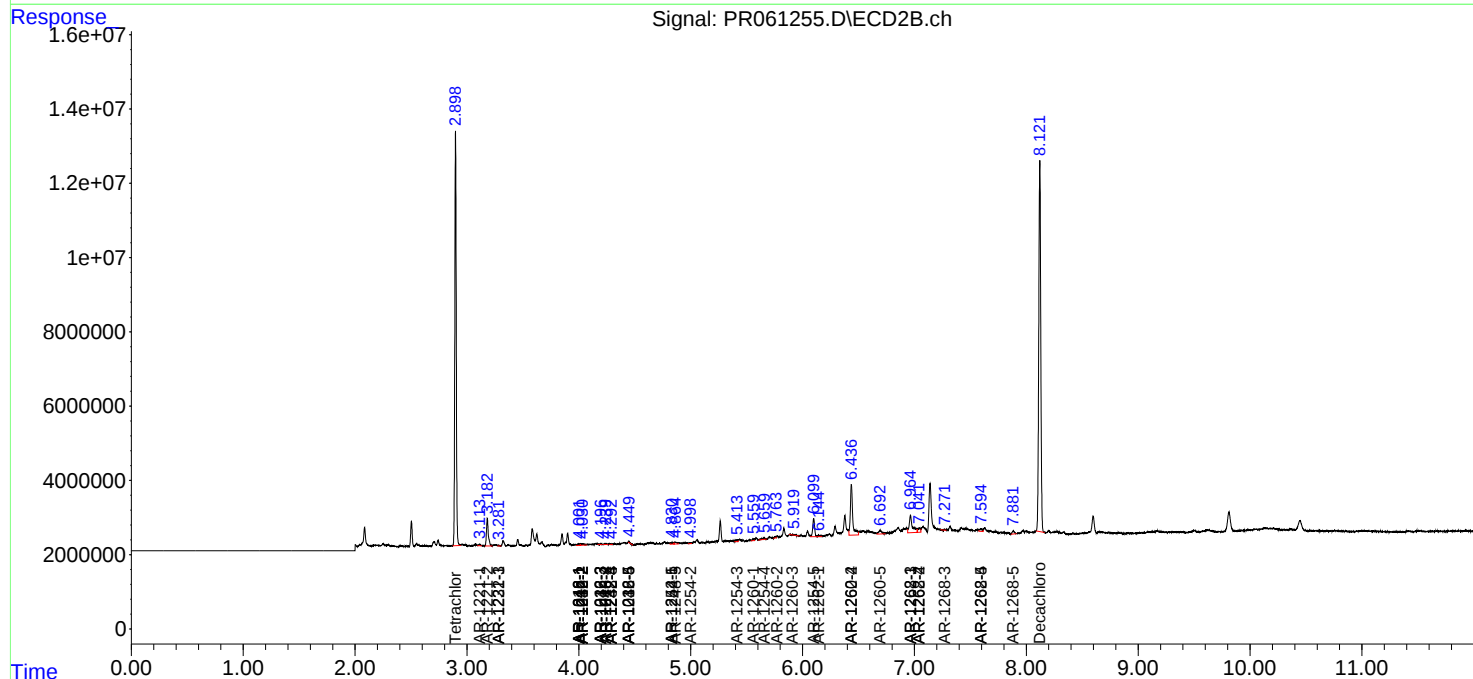
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

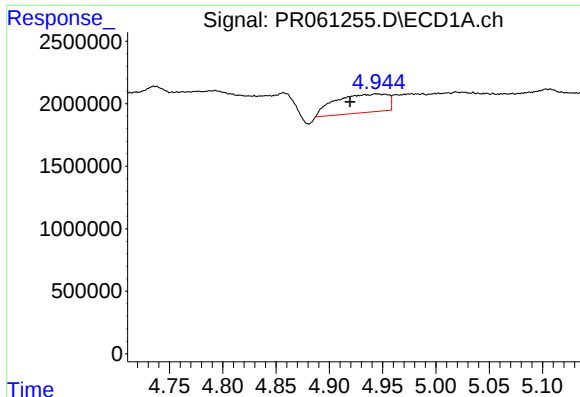
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.297	7.042	12775802	2013924	42.090	3.650 #
43) L9	AR-1268-3	0.000	7.272	0	118081	N.D.	0.254 #
44) L9	AR-1268-4	0.000	7.595	0	1129012	N.D.	5.707 #
45) L9	AR-1268-5	9.337	7.883	954319	1146778	1.224	0.757 #

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

Instrument :
ECD_R
ClientSampleId :

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

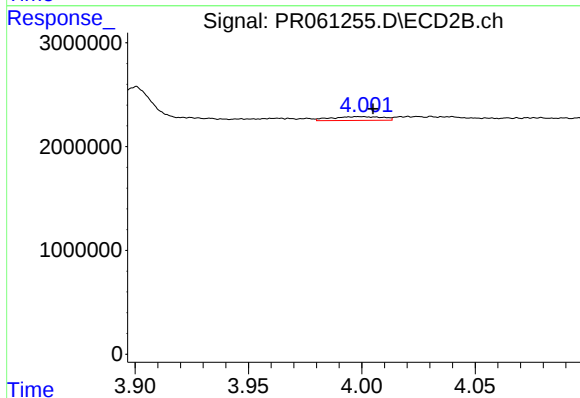




#3 AR-1016-1

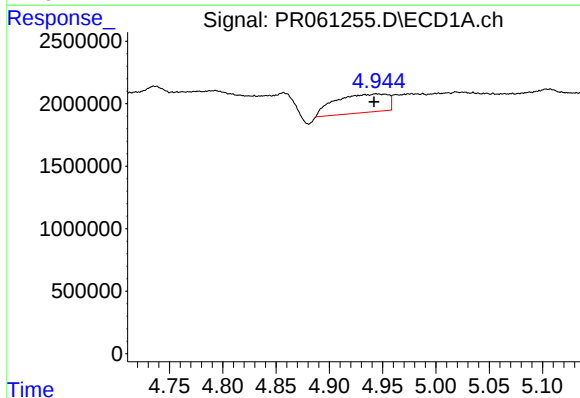
R.T.: 4.944 min
Delta R.T.: 0.025 min
Response: 5097713
Conc: 42.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



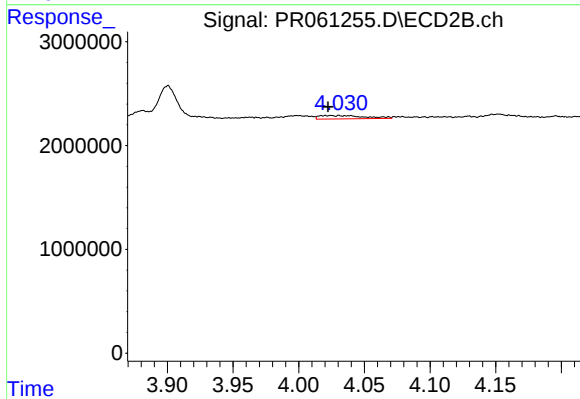
#3 AR-1016-1

R.T.: 3.999 min
Delta R.T.: -0.006 min
Response: 579594
Conc: 3.57 ng/ml



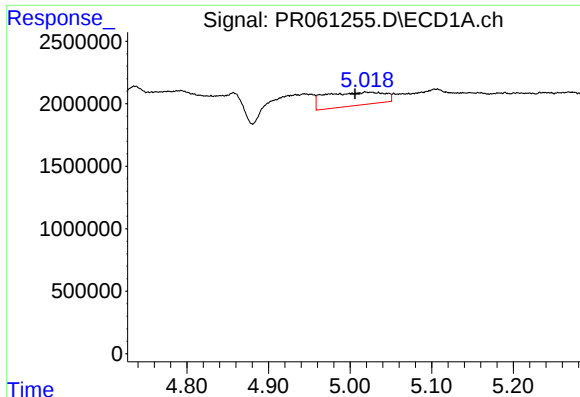
#4 AR-1016-2

R.T.: 4.944 min
Delta R.T.: 0.002 min
Response: 5097713
Conc: 30.20 ng/ml



#4 AR-1016-2

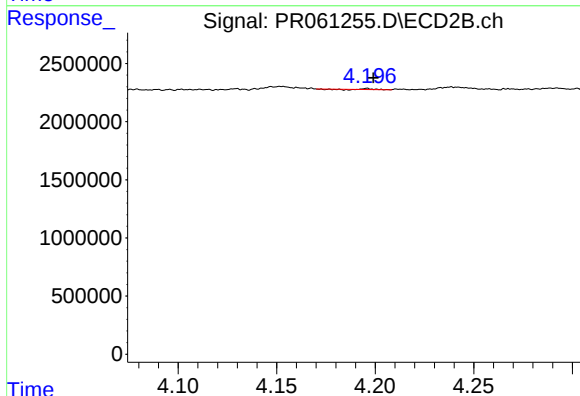
R.T.: 4.031 min
Delta R.T.: 0.008 min
Response: 790674
Conc: 3.44 ng/ml



#5 AR-1016-3

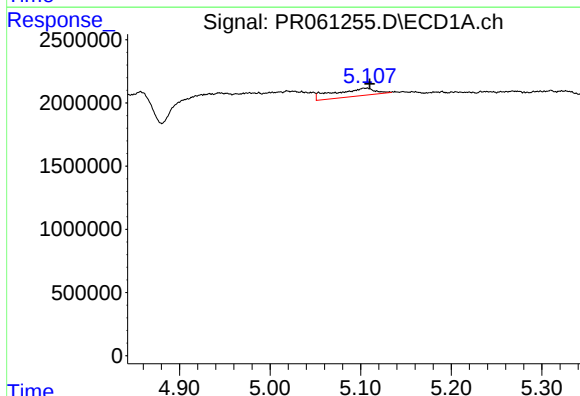
R.T.: 5.019 min
Delta R.T.: 0.013 min
Response: 5372322
Conc: 50.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



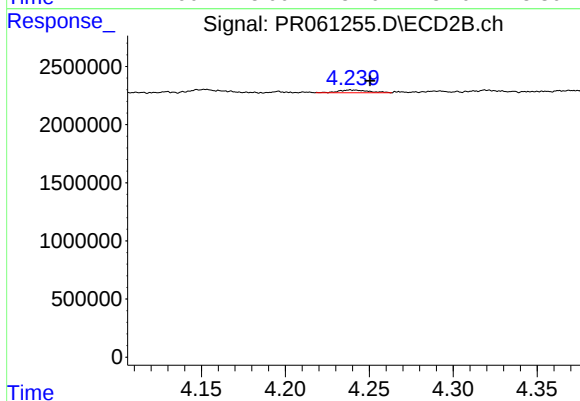
#5 AR-1016-3

R.T.: 4.196 min
Delta R.T.: -0.003 min
Response: 15690
Conc: 0.13 ng/ml



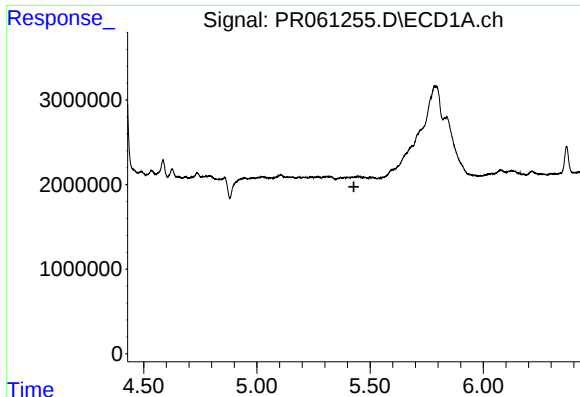
#6 AR-1016-4

R.T.: 5.104 min
Delta R.T.: -0.006 min
Response: 1948724
Conc: 22.36 ng/ml



#6 AR-1016-4

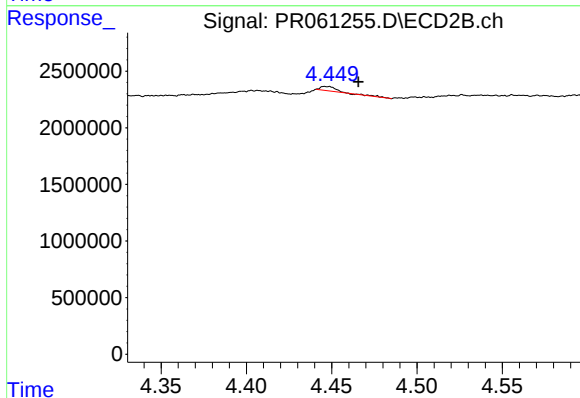
R.T.: 4.239 min
Delta R.T.: -0.012 min
Response: 301743
Conc: 3.29 ng/ml



#7 AR-1016-5

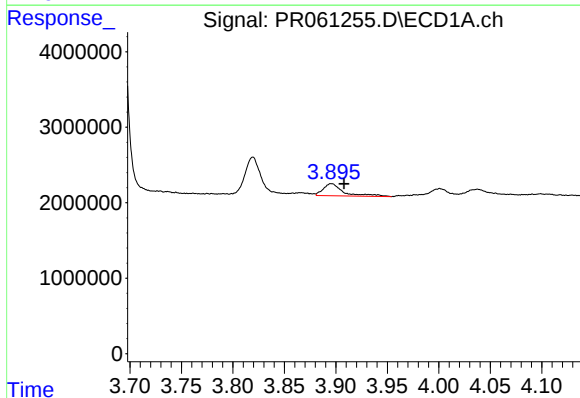
R.T.: 0.000 min
Exp R.T.: 5.428 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



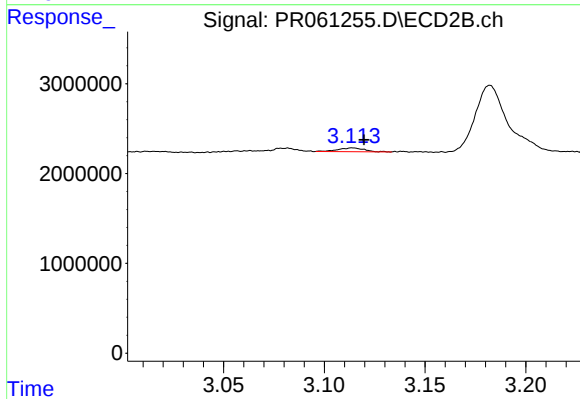
#7 AR-1016-5

R.T.: 4.447 min
Delta R.T.: -0.019 min
Response: 282180
Conc: 2.32 ng/ml



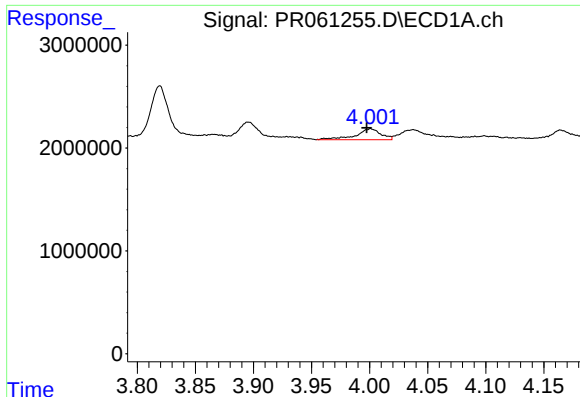
#8 AR-1221-1

R.T.: 3.896 min
Delta R.T.: -0.012 min
Response: 2228380
Conc: 50.43 ng/ml



#8 AR-1221-1

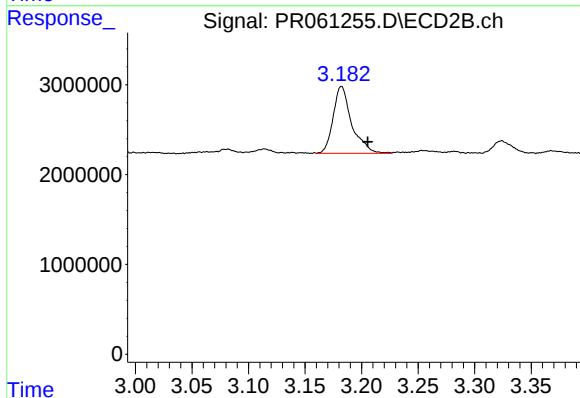
R.T.: 3.114 min
Delta R.T.: -0.006 min
Response: 386007
Conc: 7.42 ng/ml



#9 AR-1221-2

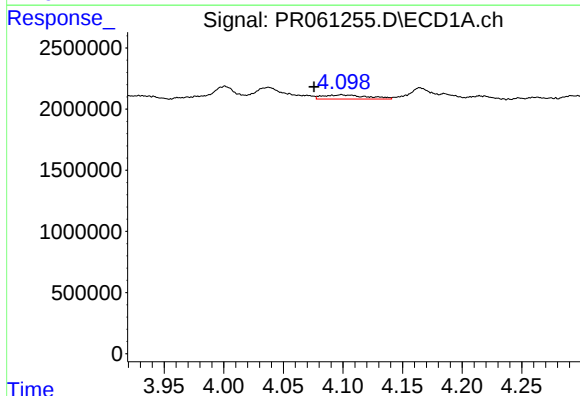
R.T.: 4.001 min
Delta R.T.: 0.003 min
Response: 1615215
Conc: 52.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



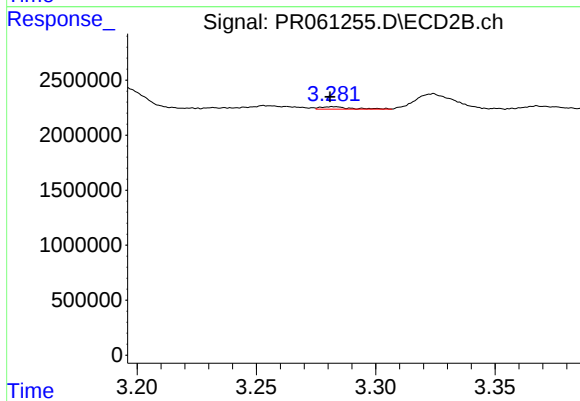
#9 AR-1221-2

R.T.: 3.182 min
Delta R.T.: -0.023 min
Response: 8516682
Conc: 228.73 ng/ml



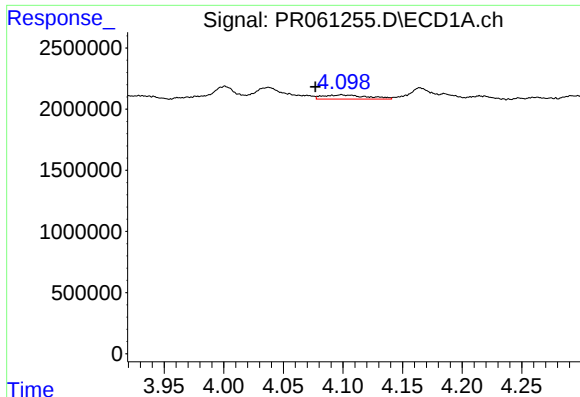
#10 AR-1221-3

R.T.: 4.099 min
Delta R.T.: 0.023 min
Response: 882222
Conc: 8.96 ng/ml



#10 AR-1221-3

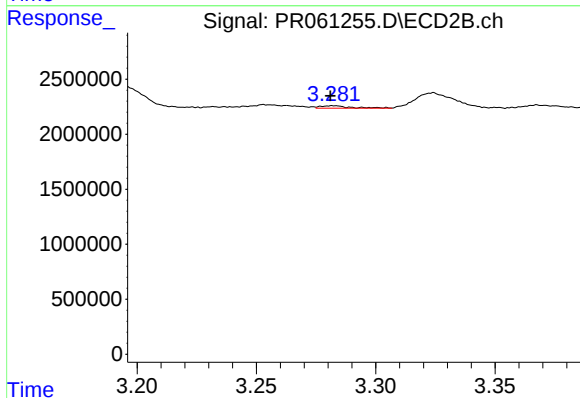
R.T.: 3.282 min
Delta R.T.: 0.001 min
Response: 205290
Conc: 1.64 ng/ml



#11 AR-1232-1

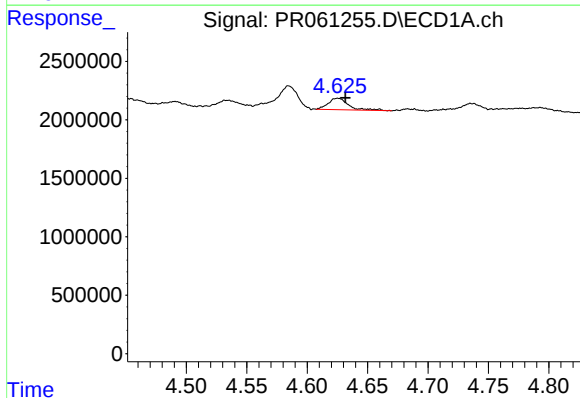
R.T.: 4.099 min
Delta R.T.: 0.022 min
Response: 882222
Conc: 10.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



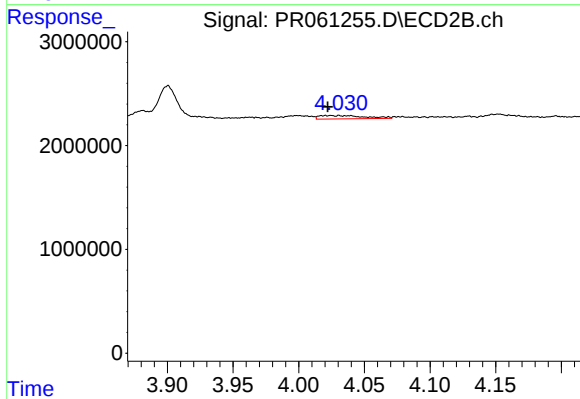
#11 AR-1232-1

R.T.: 3.282 min
Delta R.T.: 0.001 min
Response: 205290
Conc: 1.96 ng/ml



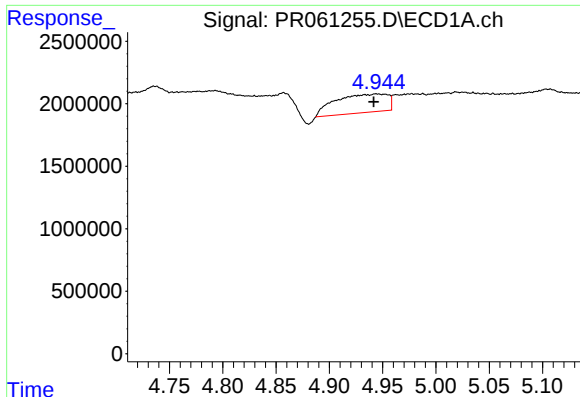
#12 AR-1232-2

R.T.: 4.625 min
Delta R.T.: -0.006 min
Response: 1148951
Conc: 28.83 ng/ml



#12 AR-1232-2

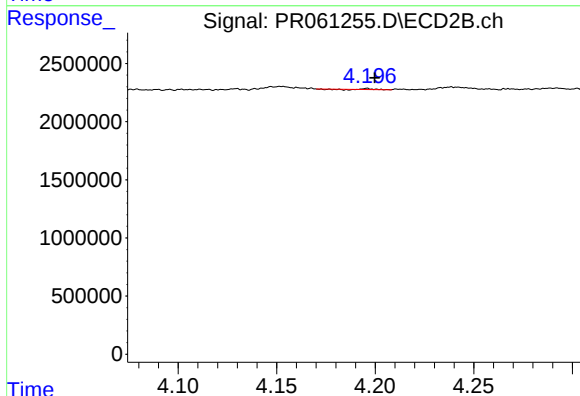
R.T.: 4.031 min
Delta R.T.: 0.009 min
Response: 790674
Conc: 7.82 ng/ml



#13 AR-1232-3

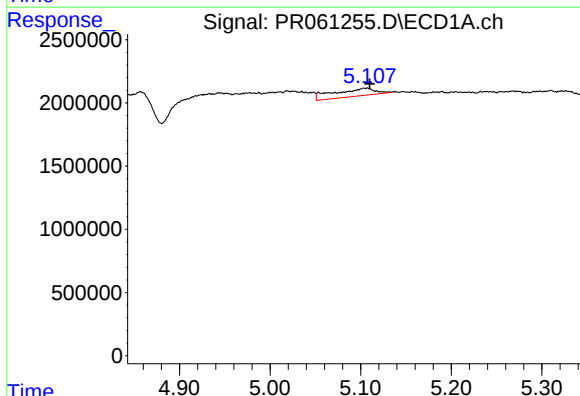
R.T.: 4.944 min
Delta R.T.: 0.002 min
Response: 5097713
Conc: 66.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



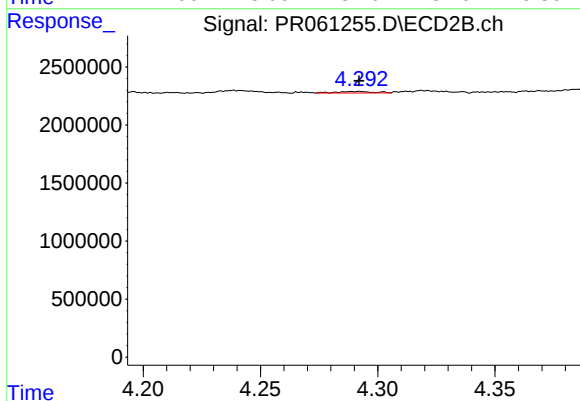
#13 AR-1232-3

R.T.: 4.196 min
Delta R.T.: -0.004 min
Response: 15690
Conc: 0.30 ng/ml



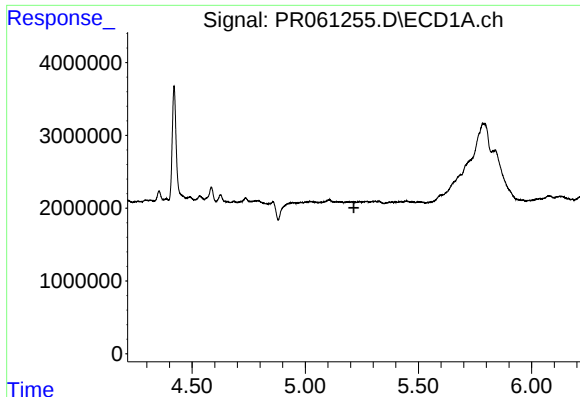
#14 AR-1232-4

R.T.: 5.104 min
Delta R.T.: -0.006 min
Response: 1948724
Conc: 48.49 ng/ml



#14 AR-1232-4

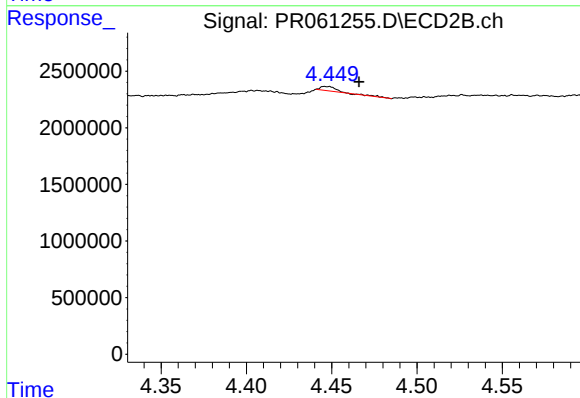
R.T.: 4.292 min
Delta R.T.: 0.000 min
Response: 142102
Conc: 3.16 ng/ml



#15 AR-1232-5

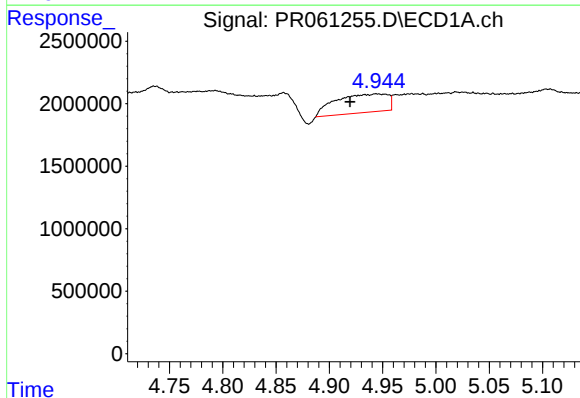
R.T.: 0.000 min
Exp R.T.: 5.215 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



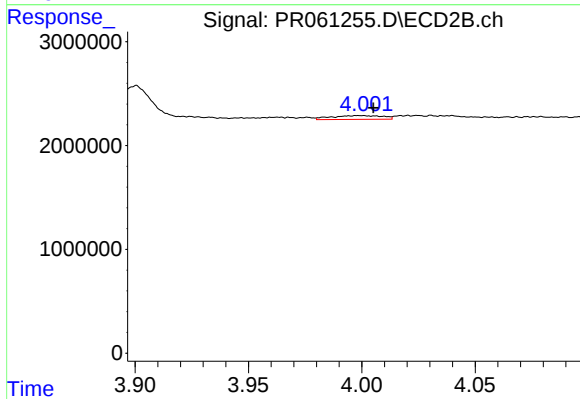
#15 AR-1232-5

R.T.: 4.447 min
Delta R.T.: -0.019 min
Response: 282180
Conc: 5.55 ng/ml



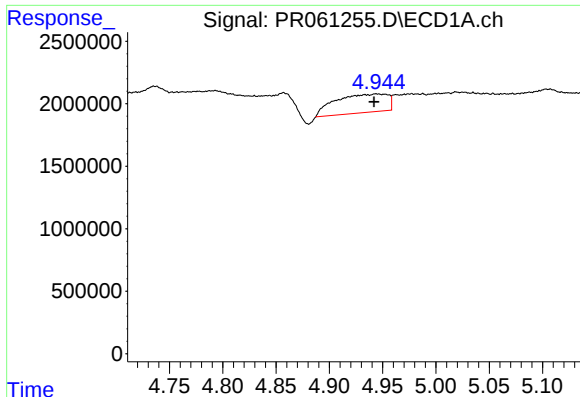
#16 AR-1242-1

R.T.: 4.944 min
Delta R.T.: 0.025 min
Response: 5097713
Conc: 50.41 ng/ml



#16 AR-1242-1

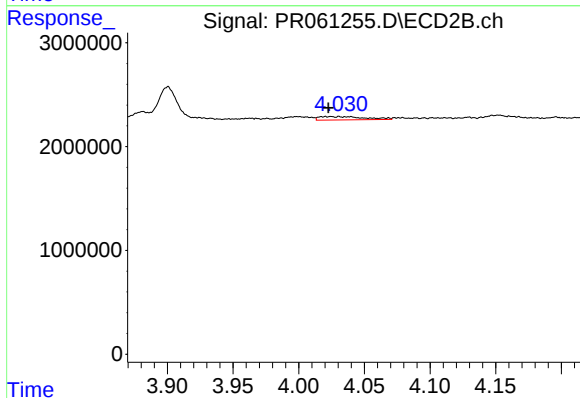
R.T.: 3.999 min
Delta R.T.: -0.006 min
Response: 579594
Conc: 4.29 ng/ml



#17 AR-1242-2

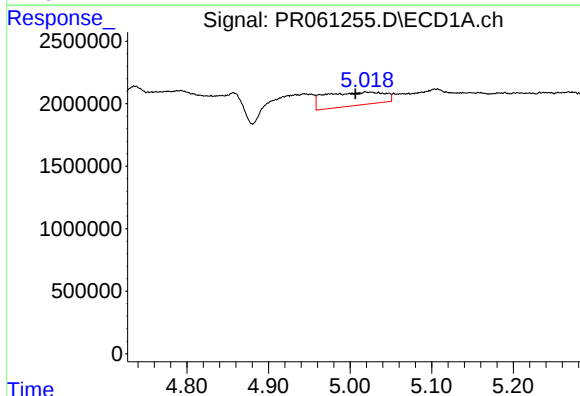
R.T.: 4.944 min
Delta R.T.: 0.002 min
Response: 5097713
Conc: 36.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



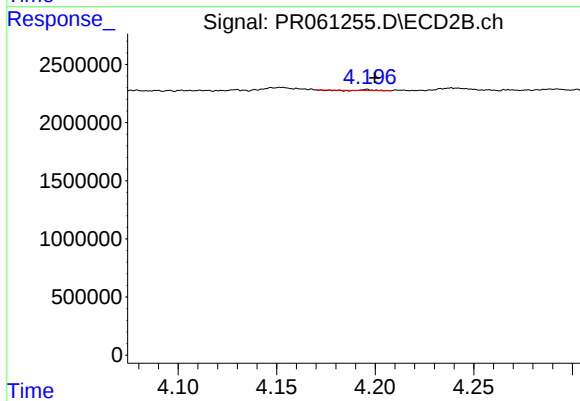
#17 AR-1242-2

R.T.: 4.031 min
Delta R.T.: 0.008 min
Response: 790674
Conc: 4.15 ng/ml



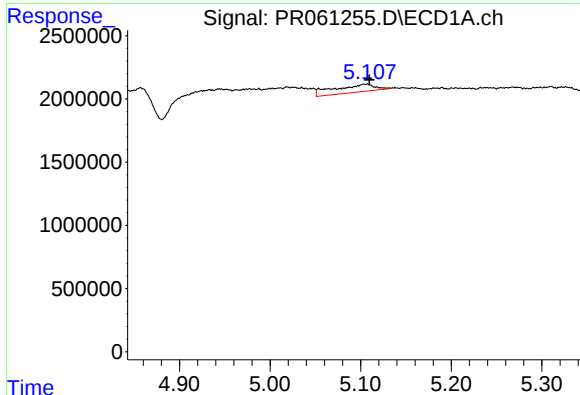
#18 AR-1242-3

R.T.: 5.019 min
Delta R.T.: 0.012 min
Response: 5372322
Conc: 60.41 ng/ml



#18 AR-1242-3

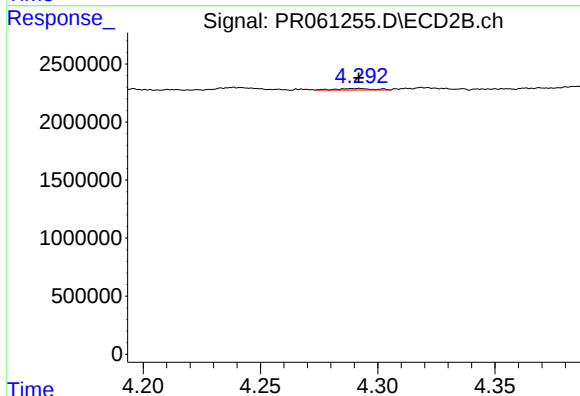
R.T.: 4.196 min
Delta R.T.: -0.004 min
Response: 15690
Conc: 0.16 ng/ml



#19 AR-1242-4

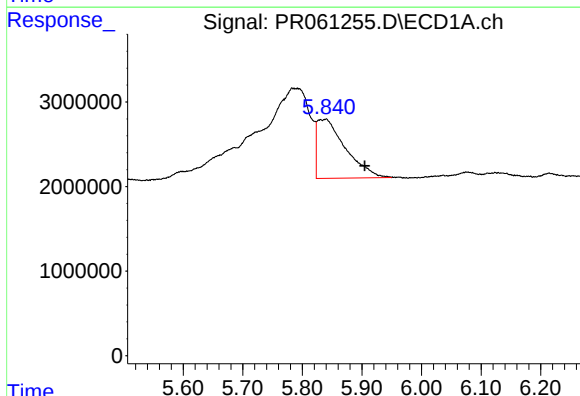
R.T.: 5.104 min
Delta R.T.: -0.006 min
Response: 1948724
Conc: 27.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



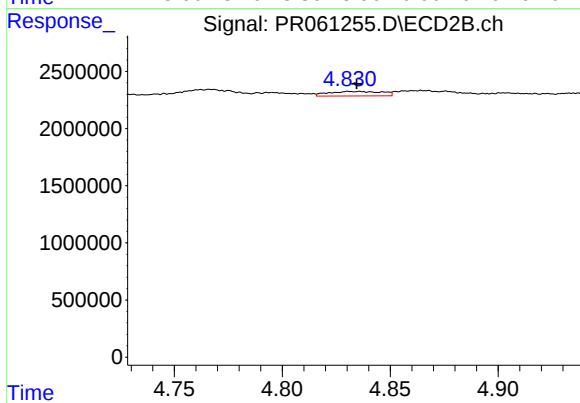
#19 AR-1242-4

R.T.: 4.292 min
Delta R.T.: 0.000 min
Response: 142102
Conc: 1.51 ng/ml



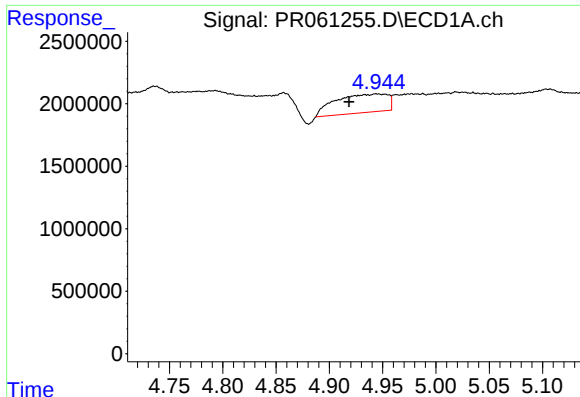
#20 AR-1242-5

R.T.: 5.840 min
Delta R.T.: -0.064 min
Response: 23082250
Conc: 300.59 ng/ml



#20 AR-1242-5

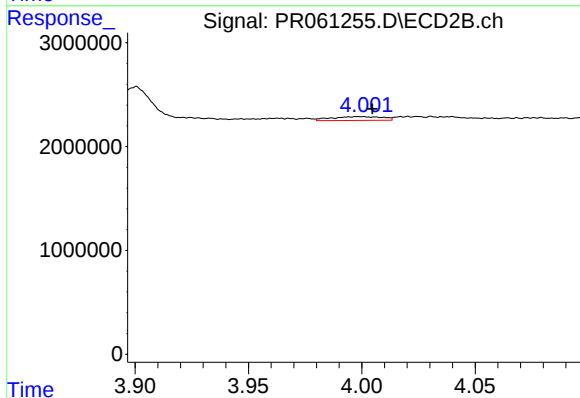
R.T.: 4.836 min
Delta R.T.: 0.001 min
Response: 690736
Conc: 5.56 ng/ml



#21 AR-1248-1

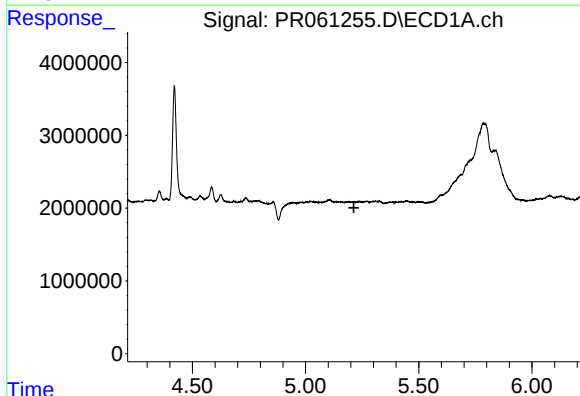
R.T.: 4.944 min
Delta R.T.: 0.026 min
Response: 5097713
Conc: 68.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



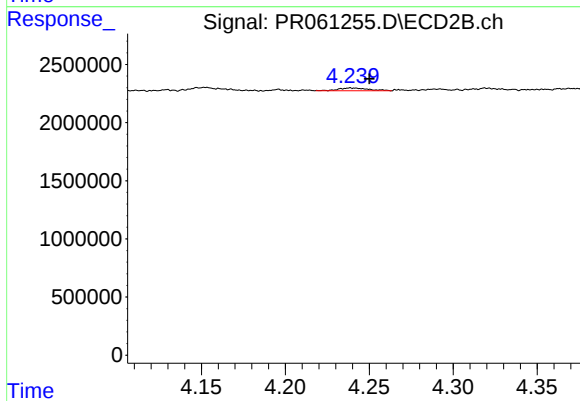
#21 AR-1248-1

R.T.: 3.999 min
Delta R.T.: -0.005 min
Response: 579594
Conc: 5.75 ng/ml



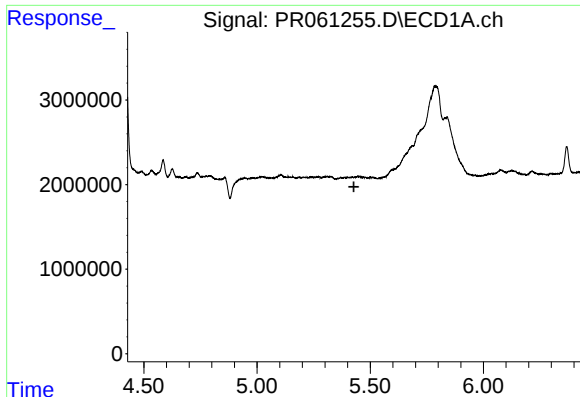
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.214 min
Response: 0
Conc: N.D.



#22 AR-1248-2

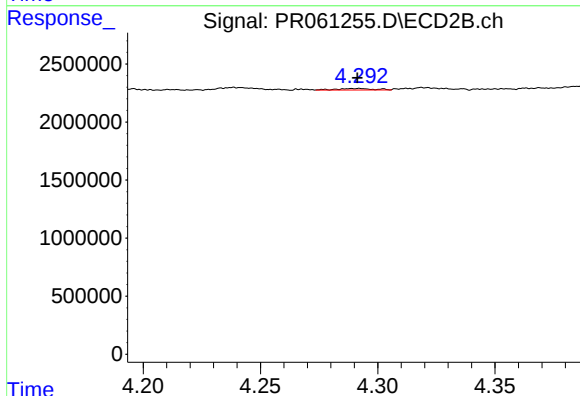
R.T.: 4.239 min
Delta R.T.: -0.011 min
Response: 301743
Conc: 2.17 ng/ml



#23 AR-1248-3

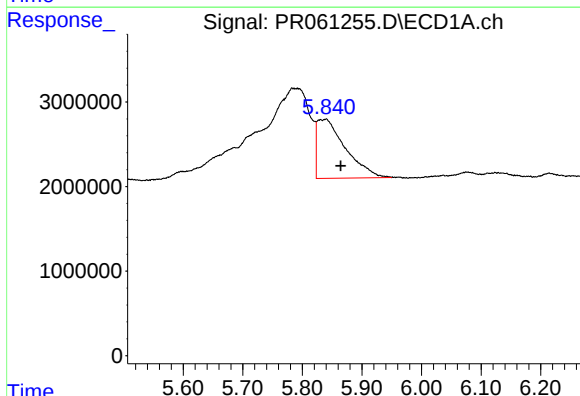
R.T.: 0.000 min
Exp R.T.: 5.428 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



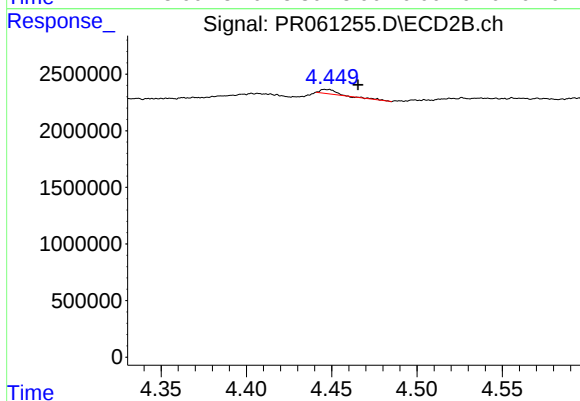
#23 AR-1248-3

R.T.: 4.292 min
Delta R.T.: 0.000 min
Response: 142102
Conc: 1.01 ng/ml



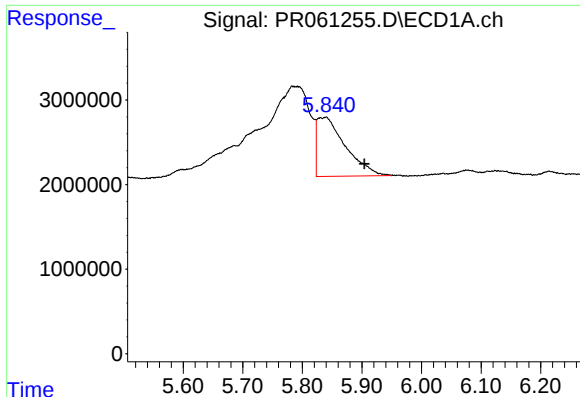
#24 AR-1248-4

R.T.: 5.840 min
Delta R.T.: -0.024 min
Response: 23082250
Conc: 175.27 ng/ml



#24 AR-1248-4

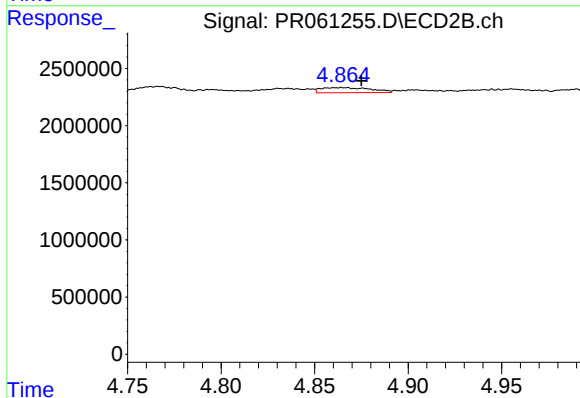
R.T.: 4.447 min
Delta R.T.: -0.018 min
Response: 282180
Conc: 1.63 ng/ml



#25 AR-1248-5

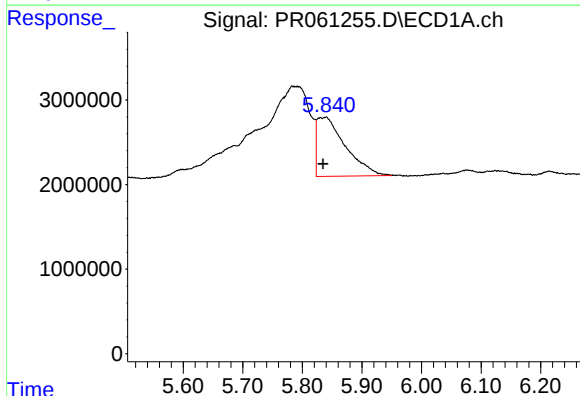
R.T.: 5.840 min
Delta R.T.: -0.064 min
Response: 23082250
Conc: 180.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



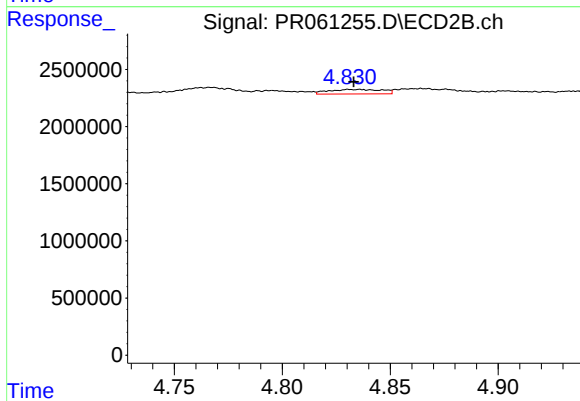
#25 AR-1248-5

R.T.: 4.864 min
Delta R.T.: -0.011 min
Response: 835063
Conc: 4.72 ng/ml



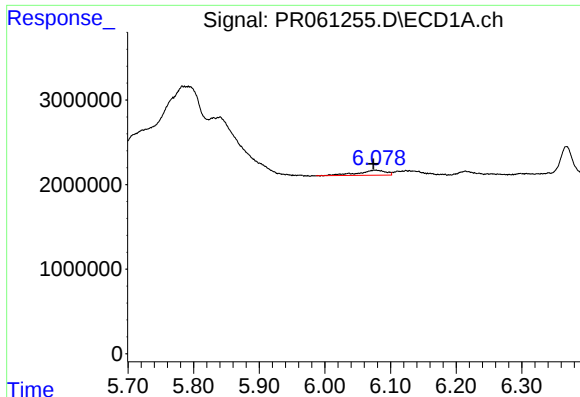
#26 AR-1254-1

R.T.: 5.840 min
Delta R.T.: 0.005 min
Response: 23082250
Conc: 182.00 ng/ml



#26 AR-1254-1

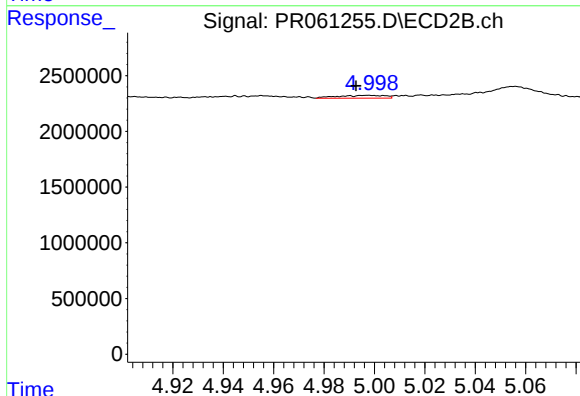
R.T.: 4.836 min
Delta R.T.: 0.003 min
Response: 690736
Conc: 2.63 ng/ml



#27 AR-1254-2

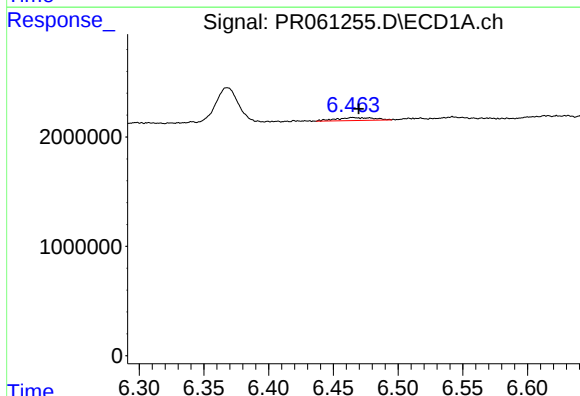
R.T.: 6.076 min
Delta R.T.: 0.002 min
Response: 1774596
Conc: 8.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



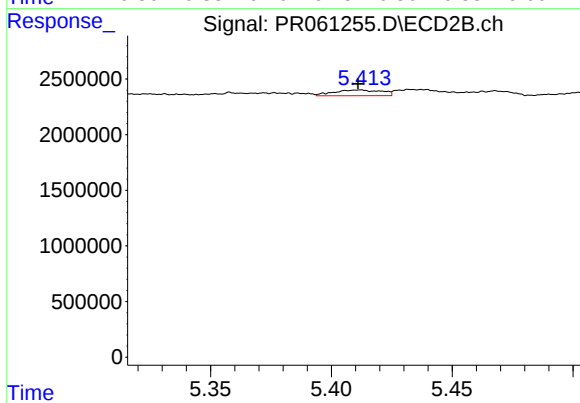
#27 AR-1254-2

R.T.: 4.998 min
Delta R.T.: 0.005 min
Response: 333595
Conc: 1.47 ng/ml



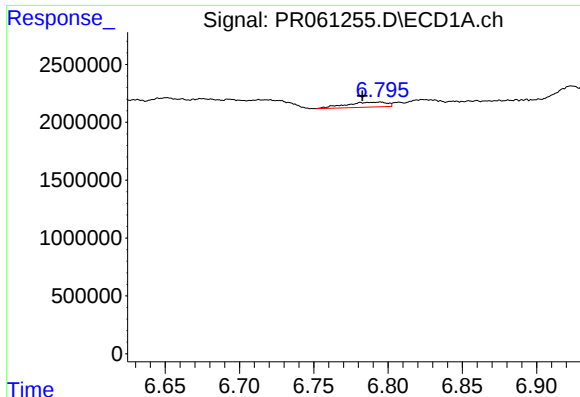
#28 AR-1254-3

R.T.: 6.465 min
Delta R.T.: -0.005 min
Response: 541760
Conc: 2.54 ng/ml



#28 AR-1254-3

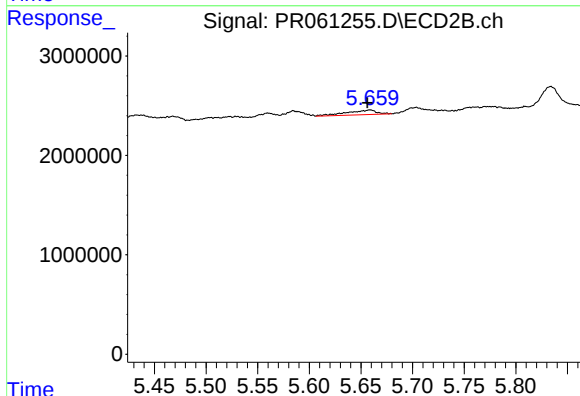
R.T.: 5.412 min
Delta R.T.: 0.000 min
Response: 704733
Conc: 1.86 ng/ml



#29 AR-1254-4

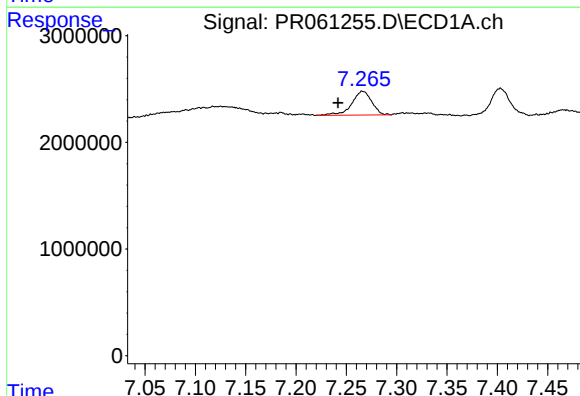
R.T.: 6.795 min
Delta R.T.: 0.012 min
Response: 822181
Conc: 5.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



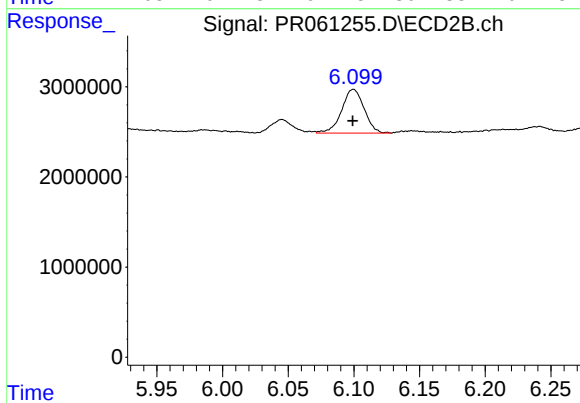
#29 AR-1254-4

R.T.: 5.659 min
Delta R.T.: 0.003 min
Response: 954697
Conc: 3.95 ng/ml



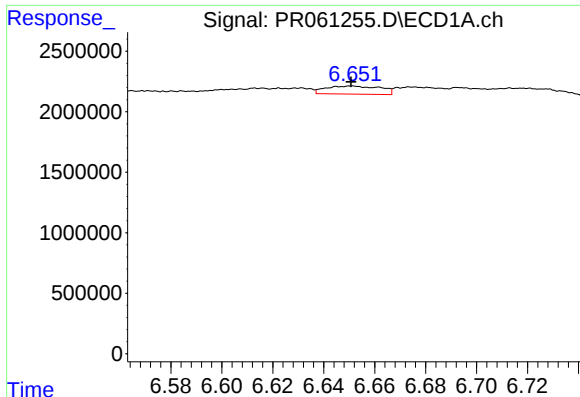
#30 AR-1254-5

R.T.: 7.266 min
Delta R.T.: 0.024 min
Response: 3090702
Conc: 17.92 ng/ml



#30 AR-1254-5

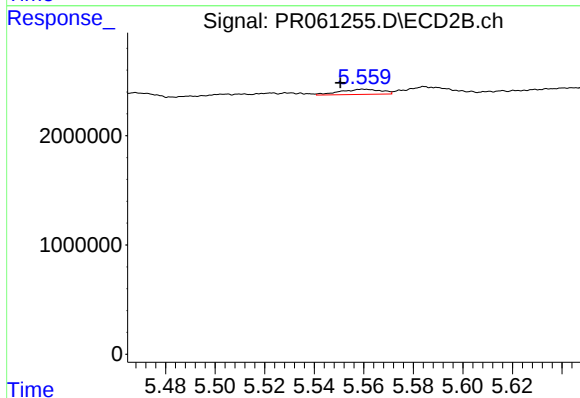
R.T.: 6.100 min
Delta R.T.: 0.000 min
Response: 5796235
Conc: 16.81 ng/ml



#31 AR-1260-1

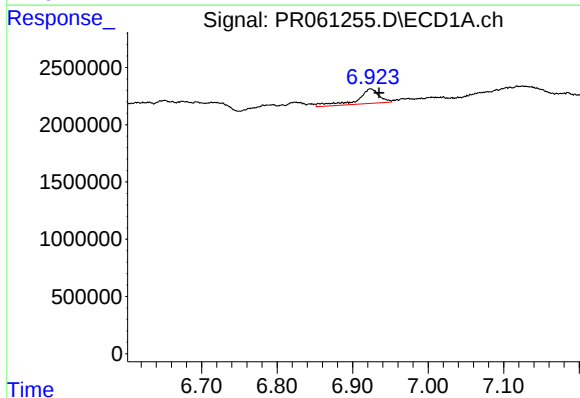
R.T.: 6.651 min
Delta R.T.: 0.000 min
Response: 999168
Conc: 5.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



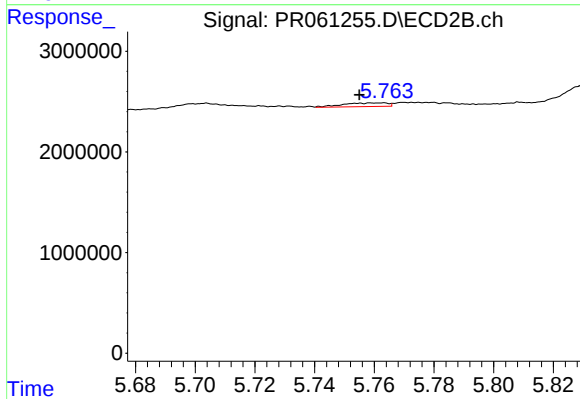
#31 AR-1260-1

R.T.: 5.560 min
Delta R.T.: 0.010 min
Response: 556583
Conc: 2.13 ng/ml



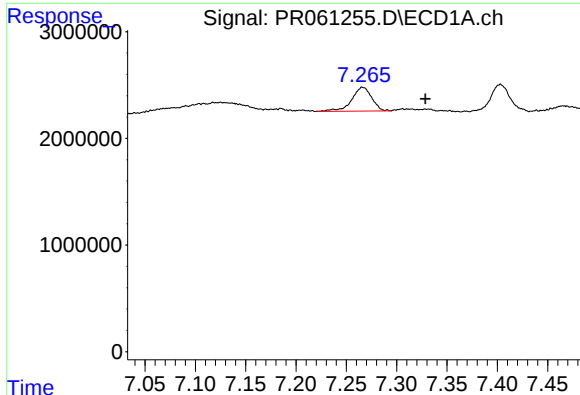
#32 AR-1260-2

R.T.: 6.924 min
Delta R.T.: -0.011 min
Response: 2580241
Conc: 12.87 ng/ml



#32 AR-1260-2

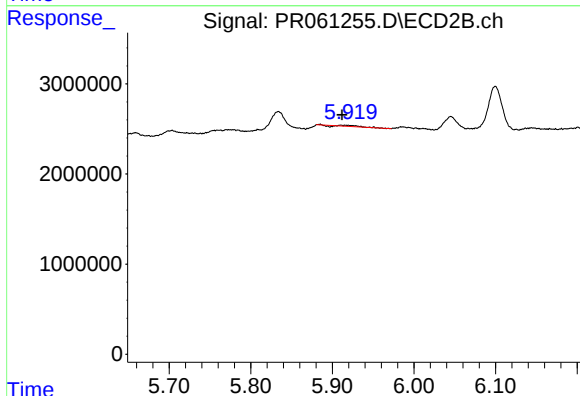
R.T.: 5.762 min
Delta R.T.: 0.007 min
Response: 380449
Conc: 1.17 ng/ml



#33 AR-1260-3

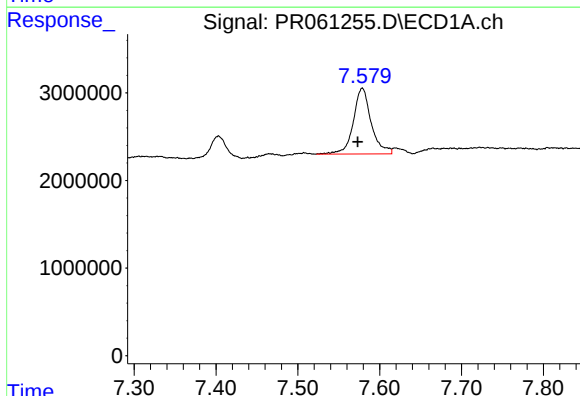
R.T.: 7.266 min
Delta R.T.: -0.062 min
Response: 3090702
Conc: 21.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



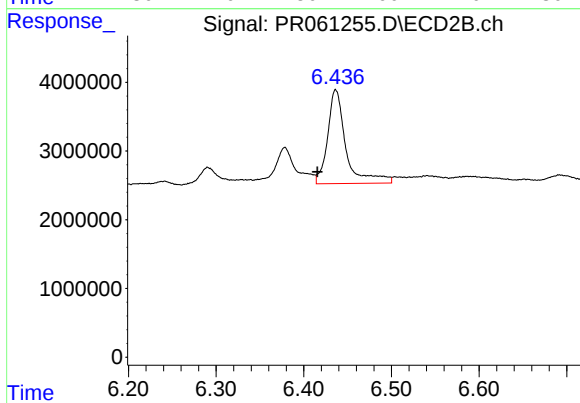
#33 AR-1260-3

R.T.: 5.910 min
Delta R.T.: -0.002 min
Response: 123863
Conc: 0.41 ng/ml



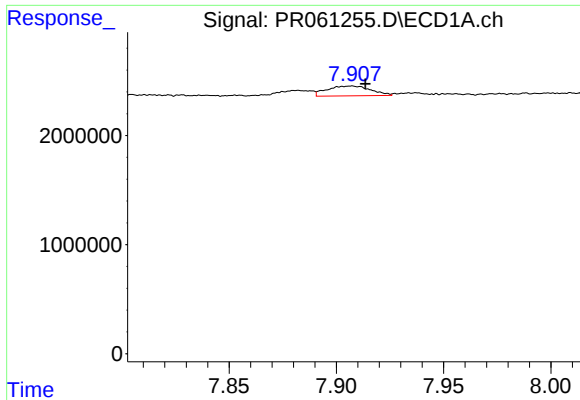
#34 AR-1260-4

R.T.: 7.579 min
Delta R.T.: 0.006 min
Response: 11410300
Conc: 67.33 ng/ml



#34 AR-1260-4

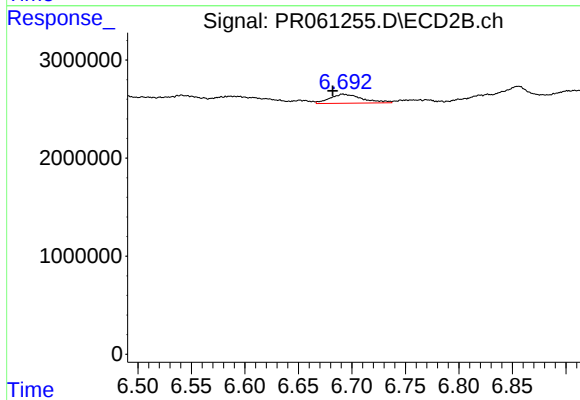
R.T.: 6.436 min
Delta R.T.: 0.021 min
Response: 19911809
Conc: 78.61 ng/ml



#35 AR-1260-5

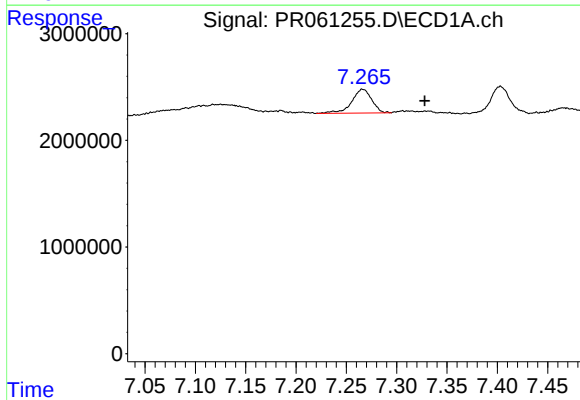
R.T.: 7.907 min
Delta R.T.: -0.006 min
Response: 1272646
Conc: 3.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



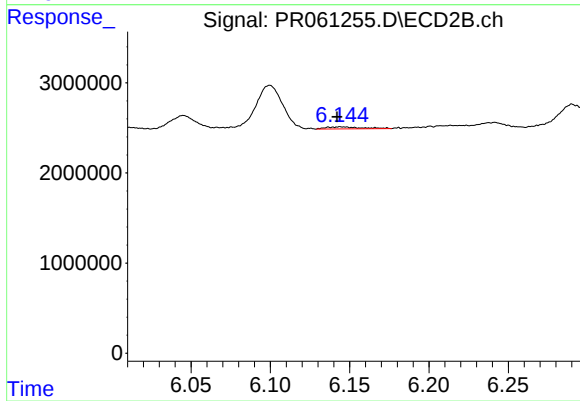
#35 AR-1260-5

R.T.: 6.692 min
Delta R.T.: 0.010 min
Response: 1969354
Conc: 3.16 ng/ml



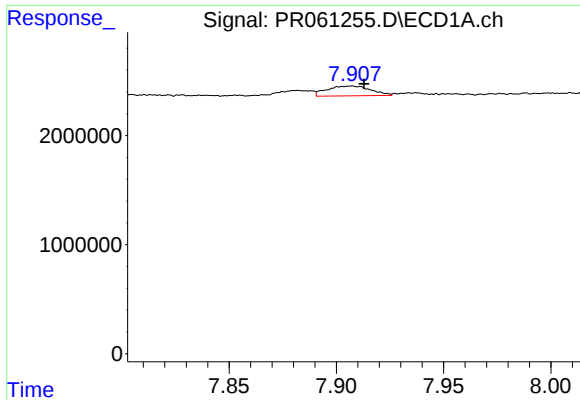
#36 AR-1262-1

R.T.: 7.266 min
Delta R.T.: -0.062 min
Response: 3090702
Conc: 14.93 ng/ml



#36 AR-1262-1

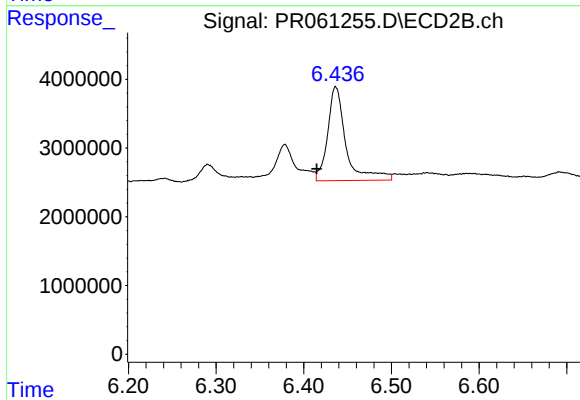
R.T.: 6.144 min
Delta R.T.: 0.002 min
Response: 345312
Conc: 0.97 ng/ml



#37 AR-1262-2

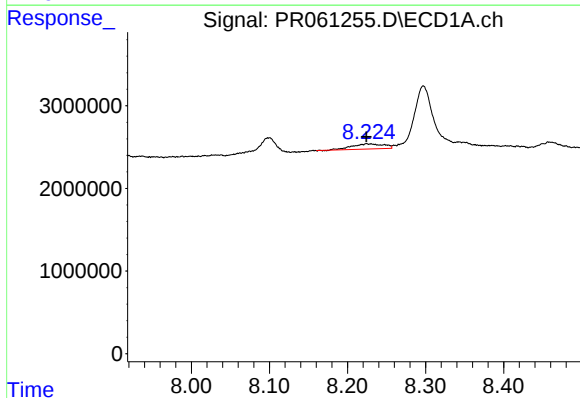
R.T.: 7.907 min
Delta R.T.: -0.006 min
Response: 1272646
Conc: 3.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



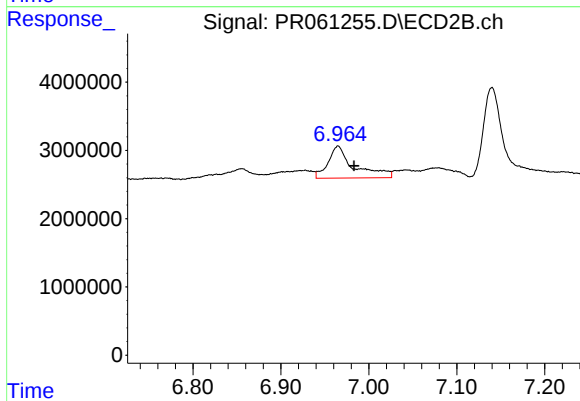
#37 AR-1262-2

R.T.: 6.436 min
Delta R.T.: 0.022 min
Response: 19911809
Conc: 61.36 ng/ml



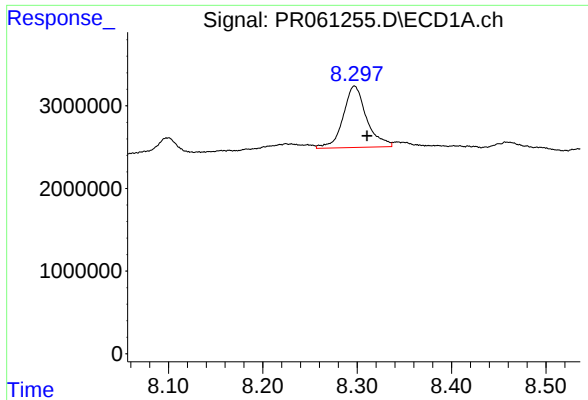
#38 AR-1262-3

R.T.: 8.224 min
Delta R.T.: 0.000 min
Response: 1767636
Conc: 7.11 ng/ml



#38 AR-1262-3

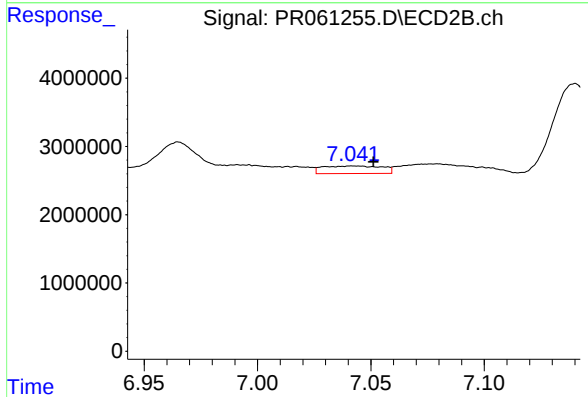
R.T.: 6.965 min
Delta R.T.: -0.018 min
Response: 9555200
Conc: 37.55 ng/ml



#39 AR-1262-4

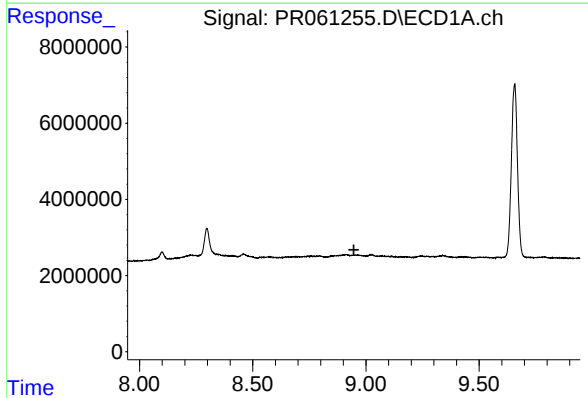
R.T.: 8.297 min
Delta R.T.: -0.013 min
Response: 12775802
Conc: 68.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



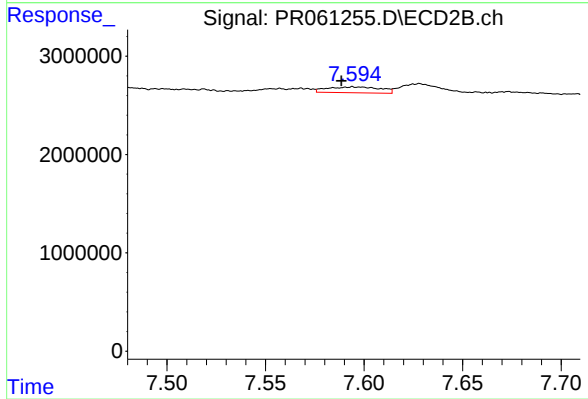
#39 AR-1262-4

R.T.: 7.042 min
Delta R.T.: -0.009 min
Response: 2013924
Conc: 4.05 ng/ml



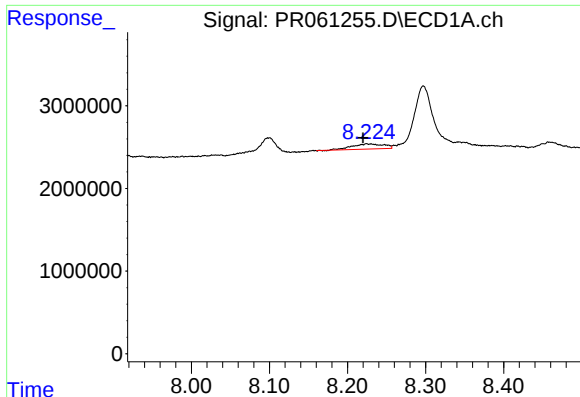
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.947 min
Response: 0
Conc: N.D.



#40 AR-1262-5

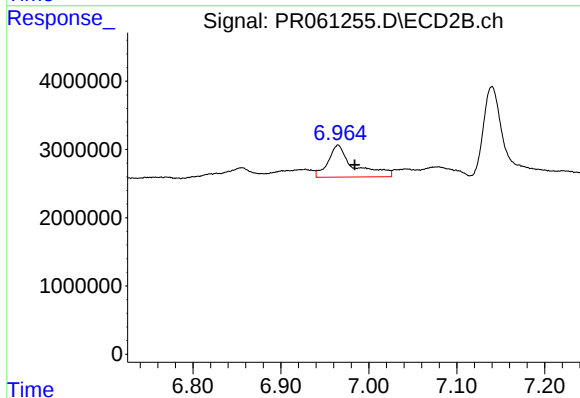
R.T.: 7.595 min
Delta R.T.: 0.006 min
Response: 1129012
Conc: 4.95 ng/ml



#41 AR-1268-1

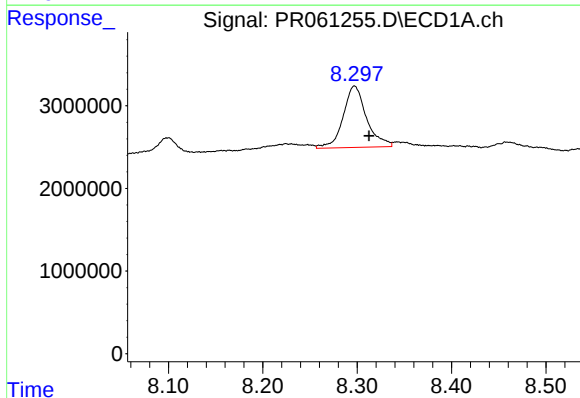
R.T.: 8.224 min
Delta R.T.: 0.004 min
Response: 1767636
Conc: 5.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



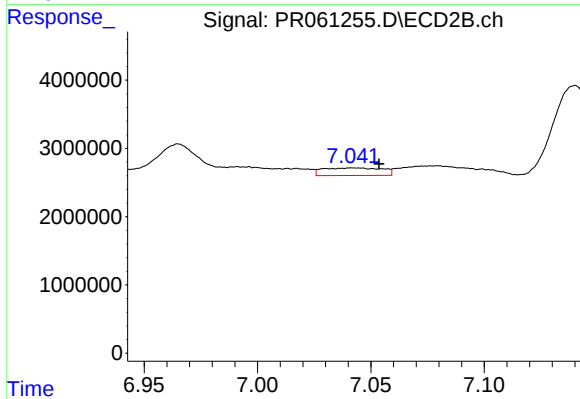
#41 AR-1268-1

R.T.: 6.965 min
Delta R.T.: -0.019 min
Response: 9555200
Conc: 15.66 ng/ml



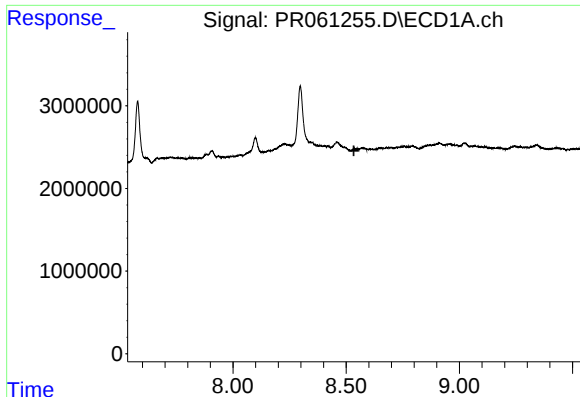
#42 AR-1268-2

R.T.: 8.297 min
Delta R.T.: -0.015 min
Response: 12775802
Conc: 42.09 ng/ml



#42 AR-1268-2

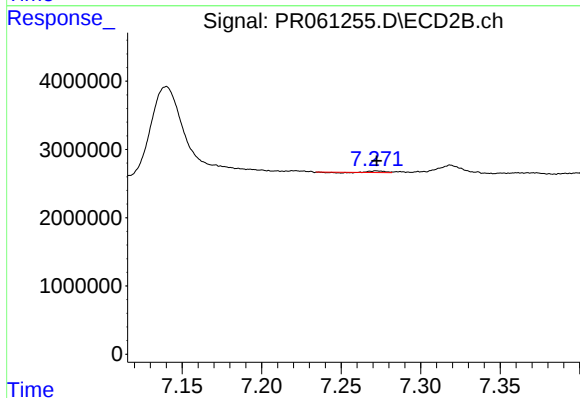
R.T.: 7.042 min
Delta R.T.: -0.011 min
Response: 2013924
Conc: 3.65 ng/ml



#43 AR-1268-3

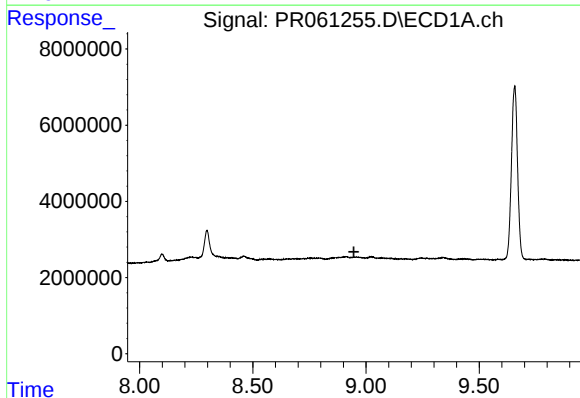
R.T.: 0.000 min
Exp R.T.: 8.534 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



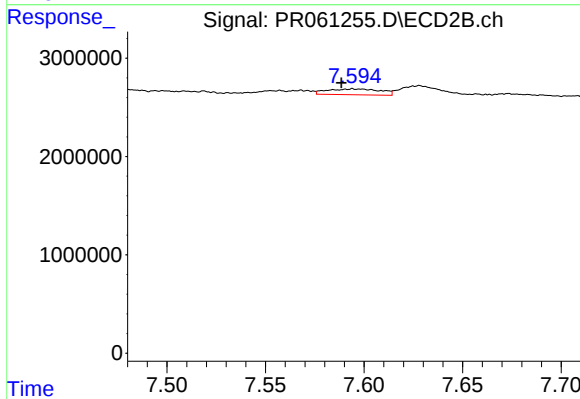
#43 AR-1268-3

R.T.: 7.272 min
Delta R.T.: 0.000 min
Response: 118081
Conc: 0.25 ng/ml



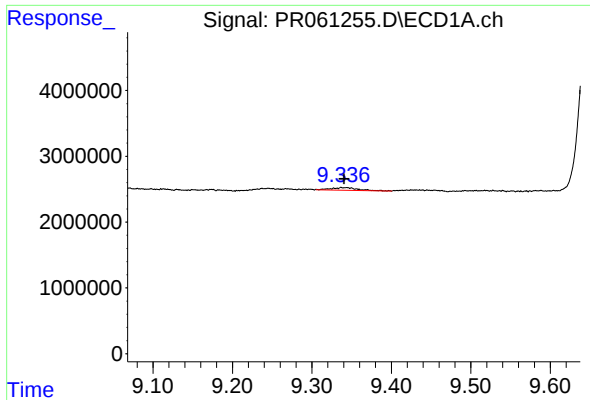
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 8.947 min
Response: 0
Conc: N.D.



#44 AR-1268-4

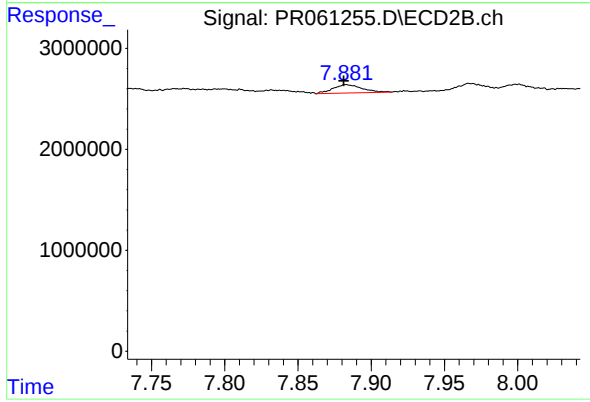
R.T.: 7.595 min
Delta R.T.: 0.006 min
Response: 1129012
Conc: 5.71 ng/ml



#45 AR-1268-5

R.T.: 9.337 min
Delta R.T.: -0.003 min
Response: 954319
Conc: 1.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.883 min
Delta R.T.: 0.002 min
Response: 1146778
Conc: 0.76 ng/ml