

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091322\
 Data File : PR056631.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2022 17:58
 Operator : AJ\MA
 Sample : N4579-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 18:21:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR090722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 07 09:20:17 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...	3.622	2.892	109.0E6	38622217	22.696	22.035
2)	SA Decachlor...	9.505	8.095	41809562	32764050	21.070	19.693
Target Compounds							
3)	L1 AR-1016-1	4.844	0.000	5118420	0	40.856	N.D. #
4)	L1 AR-1016-2	4.844f	0.000	5118420	0	28.153	N.D. #
5)	L1 AR-1016-3	4.926	4.182	958468	2128535	8.984	49.054 #
6)	L1 AR-1016-4	5.027	4.241	609112	1258355	7.037	39.700 #
7)	L1 AR-1016-5	5.370f	4.453	2255243	682773	29.729	16.176 #
8)	L2 AR-1221-1	3.855	3.111	1977104	380619	36.692	19.033 #
9)	L2 AR-1221-2	3.932	3.193	1774654	1775764	45.287	117.545 #
10)	L2 AR-1221-3	4.026	3.276	778800	1197189	6.550	25.702 #
11)	L3 AR-1232-1	4.026	3.276	778800	1197189	8.097	31.735 #
12)	L3 AR-1232-2	4.552	0.000	11091339	0	252.067	N.D. #
13)	L3 AR-1232-3	4.844f	4.182	5118420	2128535	63.741	116.522 #
14)	L3 AR-1232-4	5.027	0.000	609112	0	16.213	N.D. #
15)	L3 AR-1232-5	5.132	4.453	1442592	682773	56.316	39.174 #
16)	L4 AR-1242-1	4.844	0.000	5118420	0	48.883	N.D. #
17)	L4 AR-1242-2	4.844f	0.000	5118420	0	33.673	N.D. #
18)	L4 AR-1242-3	4.926	4.182	958468	2128535	10.683	58.761 #
19)	L4 AR-1242-4	5.027	0.000	609112	0	8.395	N.D. #
20)	L4 AR-1242-5	0.000	4.820	0	446468	N.D.	10.669 #
21)	L5 AR-1248-1	4.844	0.000	5118420	0	63.349	N.D. #
22)	L5 AR-1248-2	5.132	4.241	1442592	1258355	15.044	26.692 #
23)	L5 AR-1248-3	5.370f	0.000	2255243	0	21.123	N.D. #
24)	L5 AR-1248-4	5.769	4.453	2027287	682773	18.375	11.610 #
26)	L6 AR-1254-1	5.769f	4.820	2027287	446468	19.112	5.077 #
27)	L6 AR-1254-2	5.984	4.980	1283691	666494	8.220	8.686
28)	L6 AR-1254-3	6.372	5.420f	1909234	1295064	12.482	10.238
30)	L6 AR-1254-5	7.142	6.081	1799322	1482052	15.336	13.407
31)	L7 AR-1260-1	6.557	5.536	421363	403885	3.792	4.924 #
32)	L7 AR-1260-2	6.831	5.740	4984656	736294	37.490	7.228 #
33)	L7 AR-1260-3	7.229	5.895	907564	765111	9.250	8.083
34)	L7 AR-1260-4	7.472	6.397	1867924	461351	17.243	5.749 #
35)	L7 AR-1260-5	7.811	6.662	1743415	1176167	8.314	6.151 #
36)	L8 AR-1262-1	7.229	6.125	907564	529533	6.816	4.931 #
37)	L8 AR-1262-2	7.811	6.397	1743415	461351	7.672	4.660 #
38)	L8 AR-1262-3	8.124	6.967	989975	453094	6.331	5.705
39)	L8 AR-1262-4	8.193	7.029	674693	1170050	9.803	7.596
40)	L8 AR-1262-5	8.823	7.549f	-104046	1045408	N.D.	14.379 #
41)	L9 AR-1268-1	8.124	6.967	989975	453094	3.574	1.940 #
42)	L9 AR-1268-2	8.193f	7.029	674693	1170050	2.594	5.322 #
43)	L9 AR-1268-3	0.000	7.251	0	666210	N.D.	3.602 #

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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
44) L9	AR-1268-4	8.823	7.549f	-104046	1045408	N.D.	12.797 #
45) L9	AR-1268-5	9.204	7.859	417462	450462	0.584	0.738 #

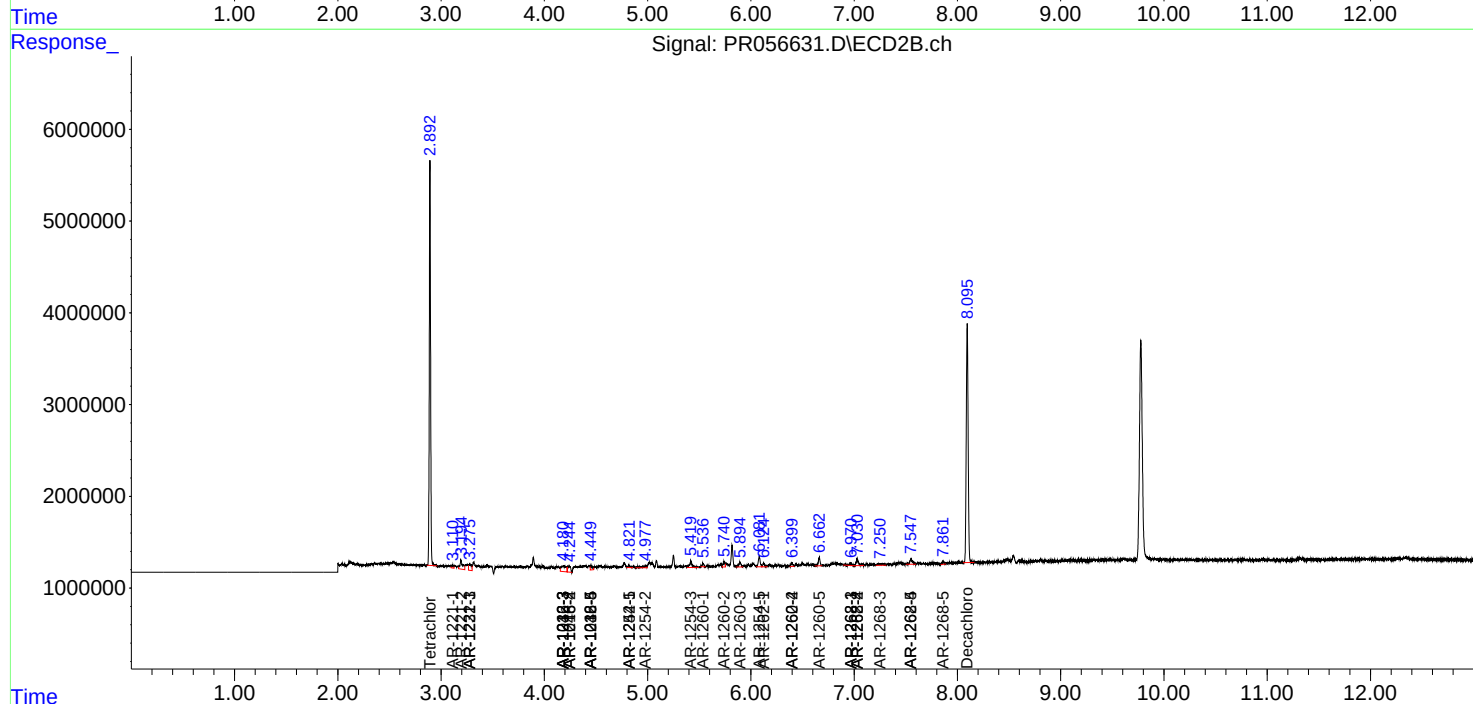
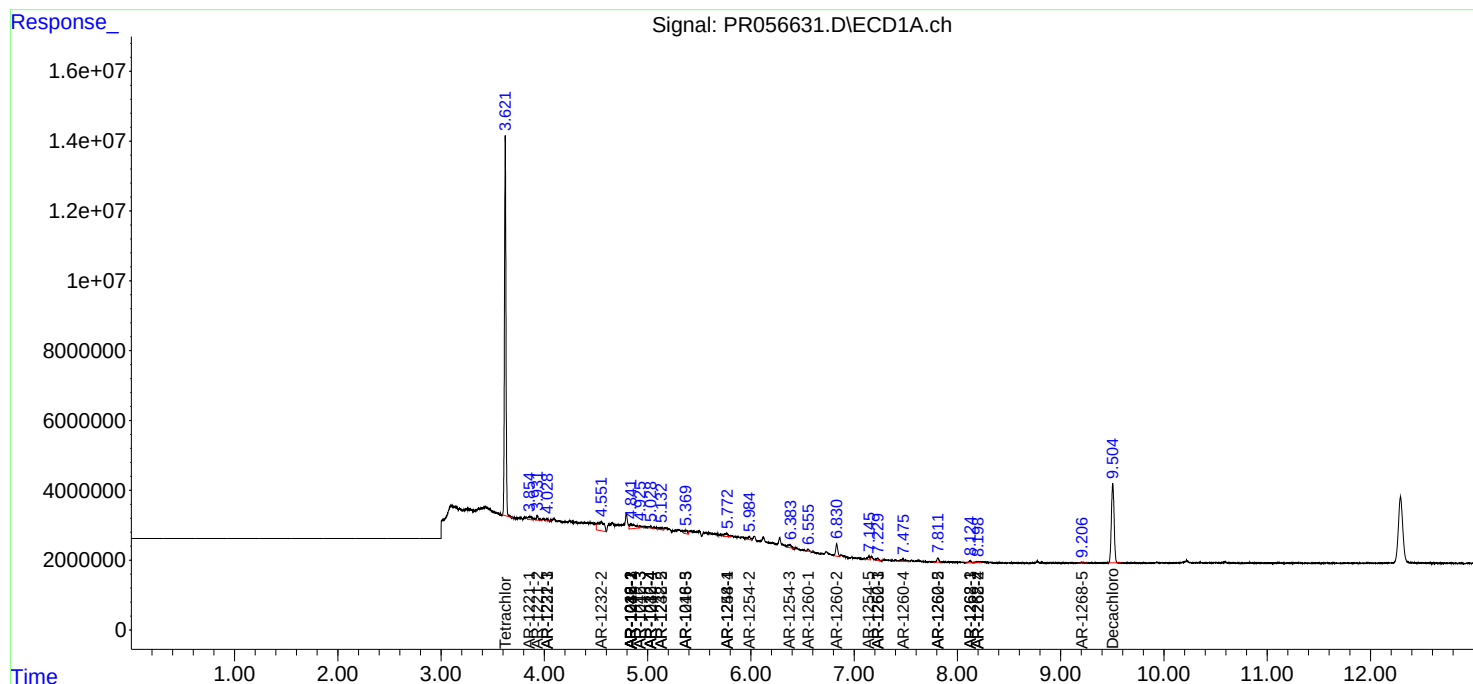
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

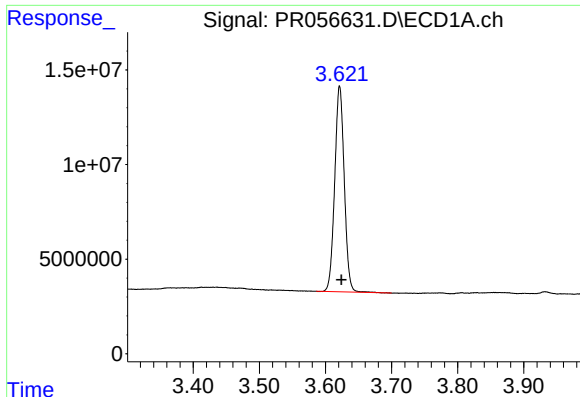
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

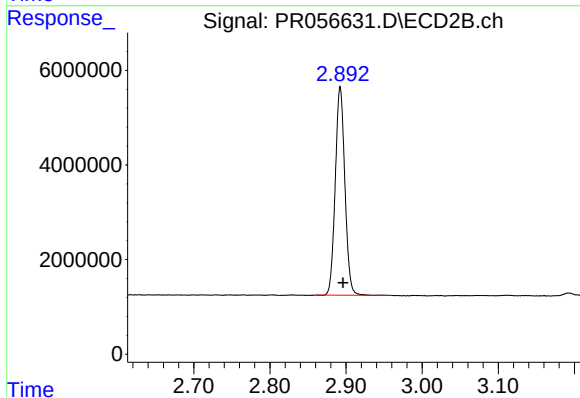




#1 Tetrachloro-m-xylene

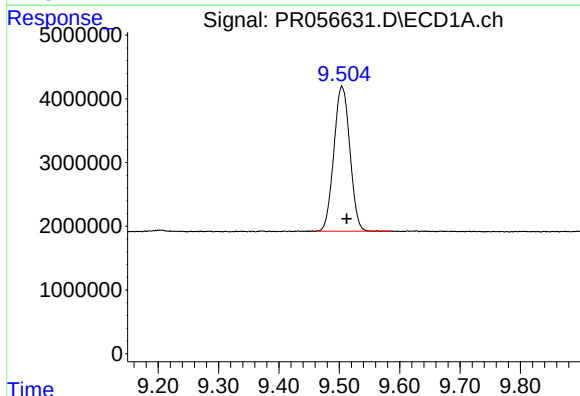
R.T.: 3.622 min
Delta R.T.: -0.002 min
Response: 109046106
Conc: 22.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



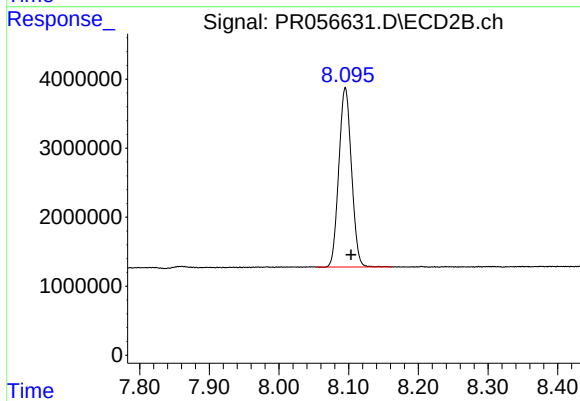
#1 Tetrachloro-m-xylene

R.T.: 2.892 min
Delta R.T.: -0.004 min
Response: 38622217
Conc: 22.04 ng/ml



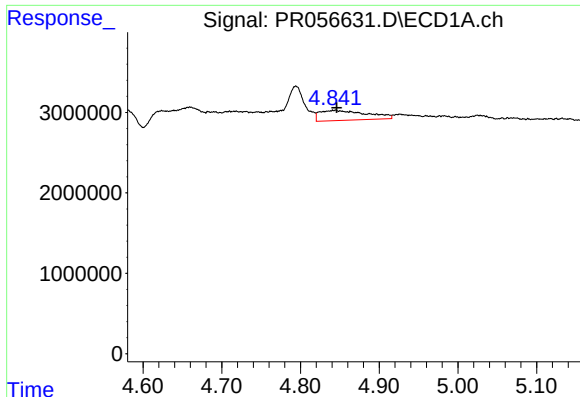
#2 Decachlorobiphenyl

R.T.: 9.505 min
Delta R.T.: -0.008 min
Response: 41809562
Conc: 21.07 ng/ml



#2 Decachlorobiphenyl

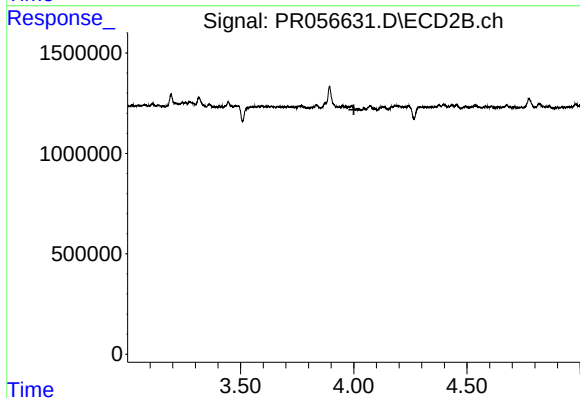
R.T.: 8.095 min
Delta R.T.: -0.008 min
Response: 32764050
Conc: 19.69 ng/ml



#3 AR-1016-1

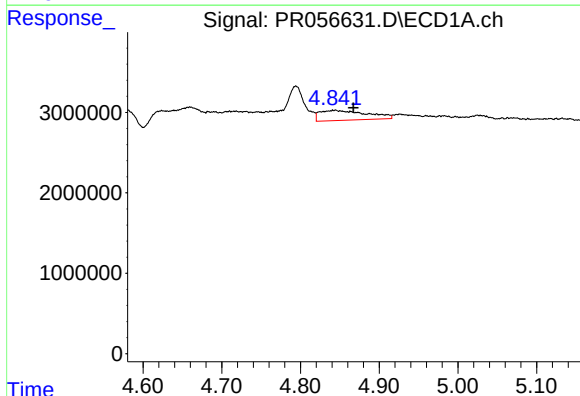
R.T.: 4.844 min
Delta R.T.: -0.002 min
Response: 5118420
Conc: 40.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



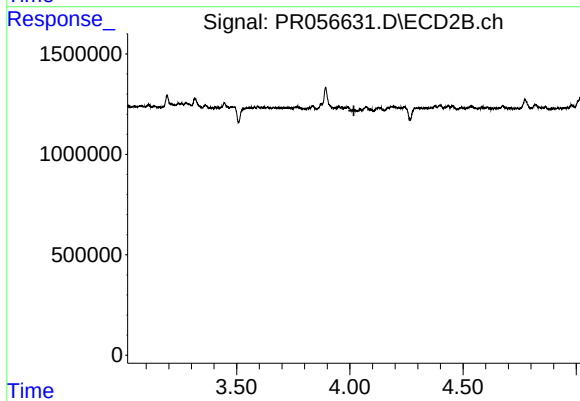
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.001 min
Response: 0
Conc: N.D.



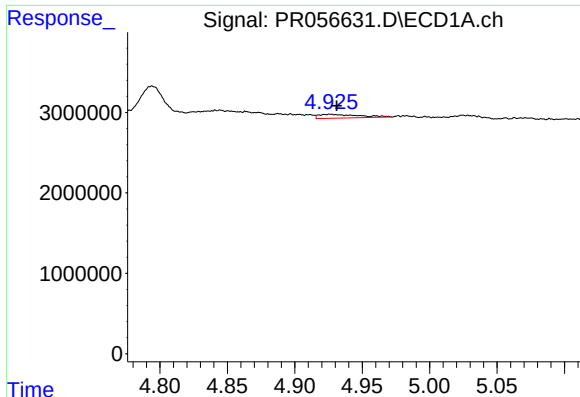
#4 AR-1016-2

R.T.: 4.844 min
Delta R.T.: -0.024 min
Response: 5118420
Conc: 28.15 ng/ml



#4 AR-1016-2

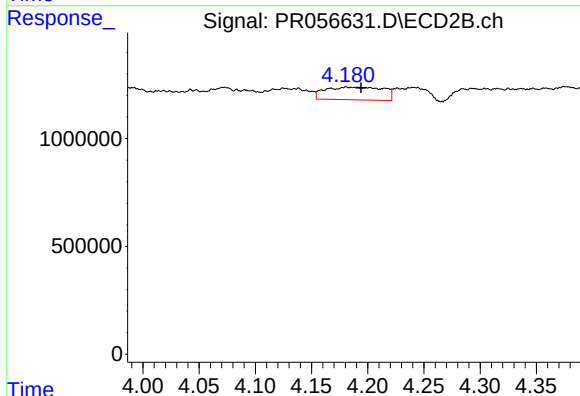
R.T.: 0.000 min
Exp R.T. : 4.018 min
Response: 0
Conc: N.D.



#5 AR-1016-3

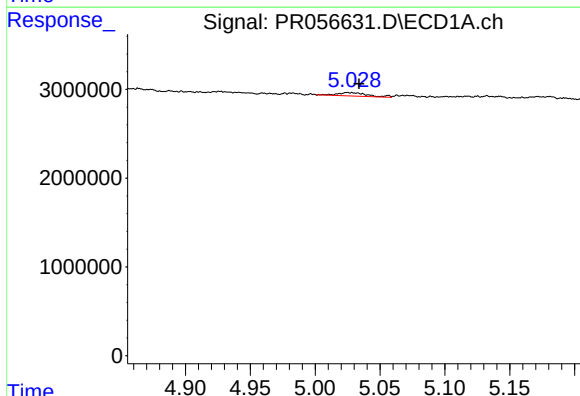
R.T.: 4.926 min
Delta R.T.: -0.005 min
Response: 958468
Conc: 8.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



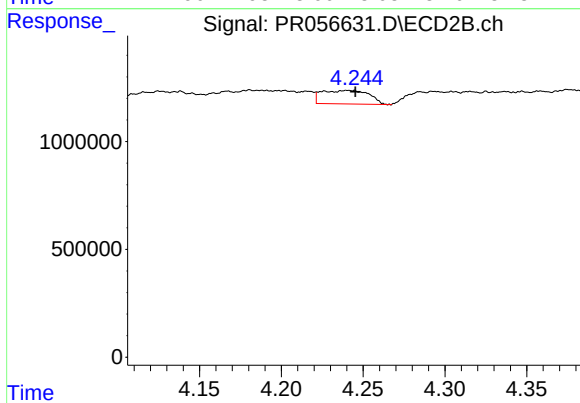
#5 AR-1016-3

R.T.: 4.182 min
Delta R.T.: -0.012 min
Response: 2128535
Conc: 49.05 ng/ml



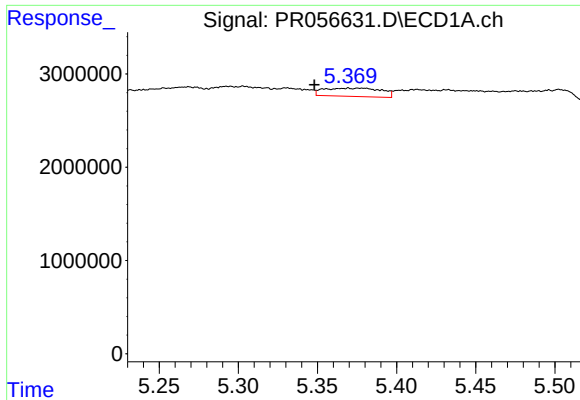
#6 AR-1016-4

R.T.: 5.027 min
Delta R.T.: -0.007 min
Response: 609112
Conc: 7.04 ng/ml



#6 AR-1016-4

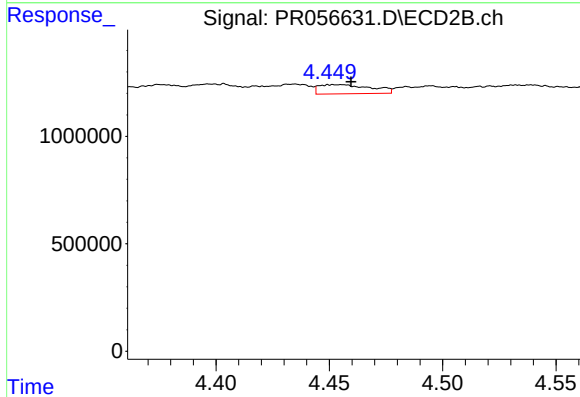
R.T.: 4.241 min
Delta R.T.: -0.004 min
Response: 1258355
Conc: 39.70 ng/ml



#7 AR-1016-5

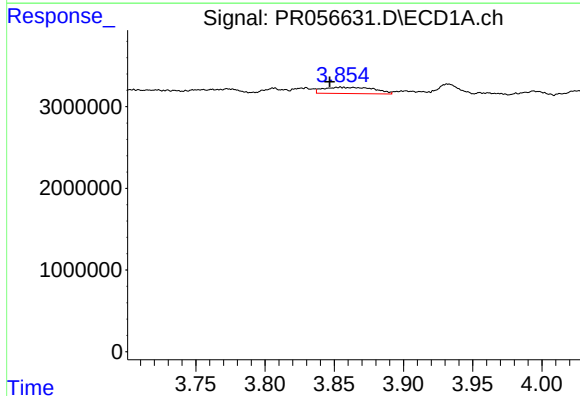
R.T.: 5.370 min
Delta R.T.: 0.021 min
Response: 2255243
Conc: 29.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



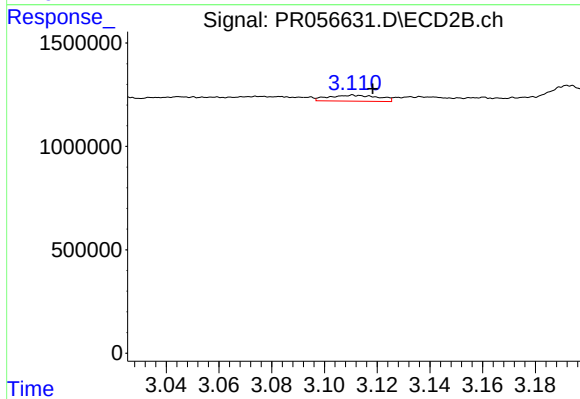
#7 AR-1016-5

R.T.: 4.453 min
Delta R.T.: -0.006 min
Response: 682773
Conc: 16.18 ng/ml



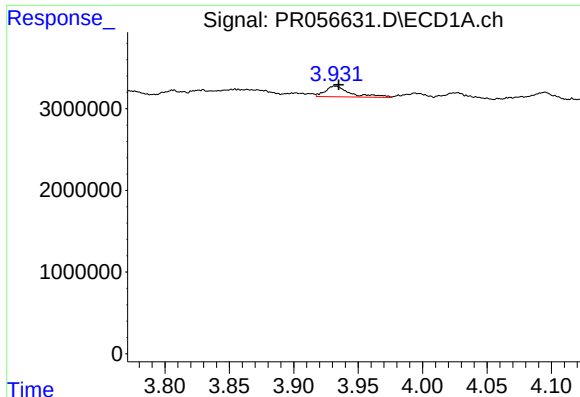
#8 AR-1221-1

R.T.: 3.855 min
Delta R.T.: 0.008 min
Response: 1977104
Conc: 36.69 ng/ml



#8 AR-1221-1

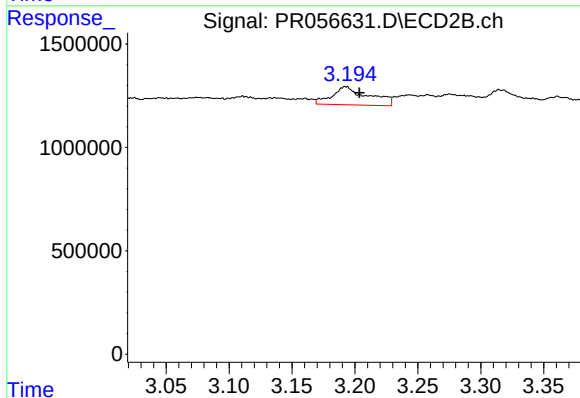
R.T.: 3.111 min
Delta R.T.: -0.007 min
Response: 380619
Conc: 19.03 ng/ml



#9 AR-1221-2

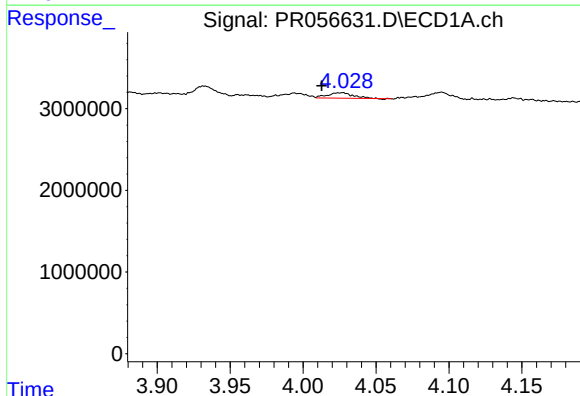
R.T.: 3.932 min
Delta R.T.: -0.003 min
Response: 1774654
Conc: 45.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



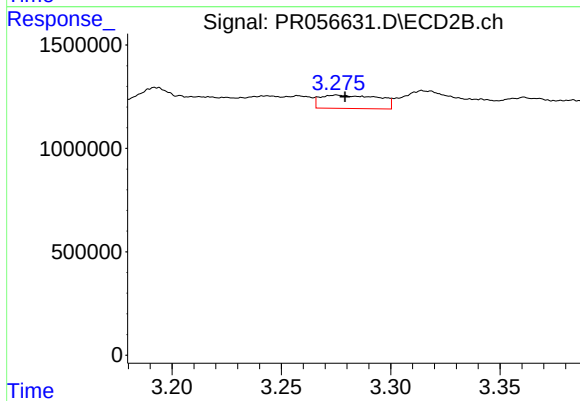
#9 AR-1221-2

R.T.: 3.193 min
Delta R.T.: -0.011 min
Response: 1775764
Conc: 117.55 ng/ml



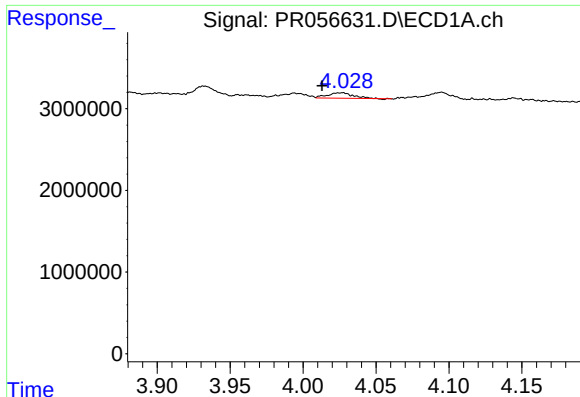
#10 AR-1221-3

R.T.: 4.026 min
Delta R.T.: 0.013 min
Response: 778800
Conc: 6.55 ng/ml



#10 AR-1221-3

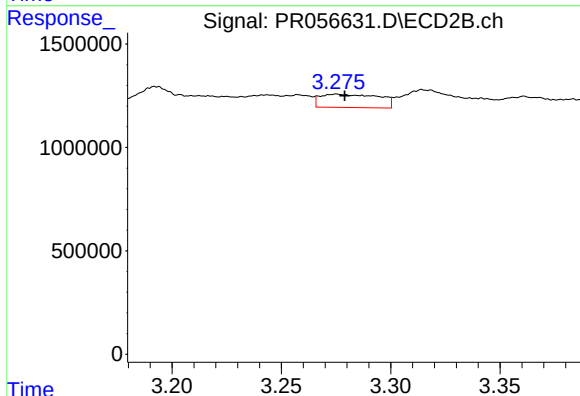
R.T.: 3.276 min
Delta R.T.: -0.003 min
Response: 1197189
Conc: 25.70 ng/ml



#11 AR-1232-1

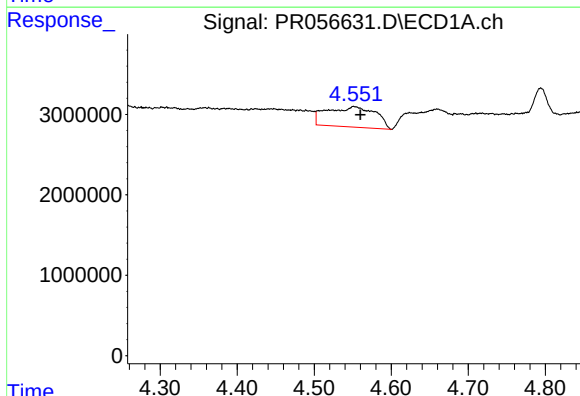
R.T.: 4.026 min
Delta R.T.: 0.013 min
Response: 778800
Conc: 8.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



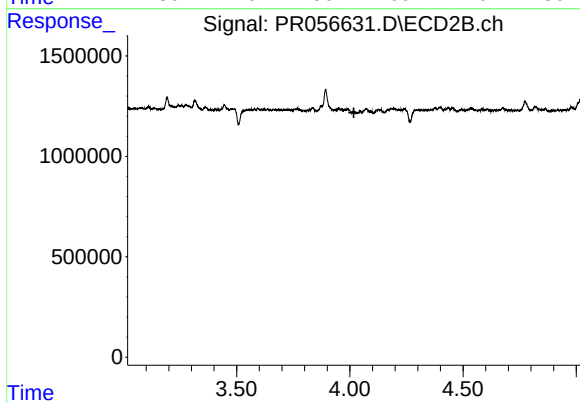
#11 AR-1232-1

R.T.: 3.276 min
Delta R.T.: -0.003 min
Response: 1197189
Conc: 31.74 ng/ml



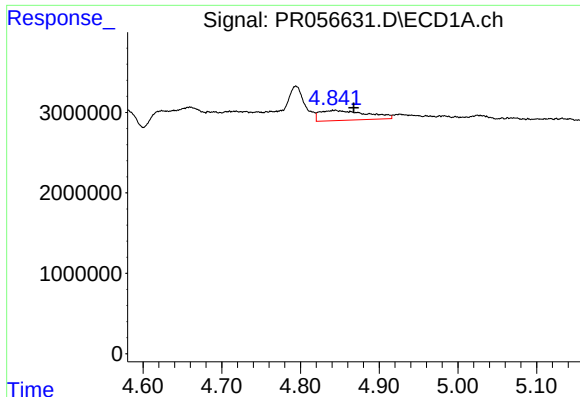
#12 AR-1232-2

R.T.: 4.552 min
Delta R.T.: -0.008 min
Response: 11091339
Conc: 252.07 ng/ml



#12 AR-1232-2

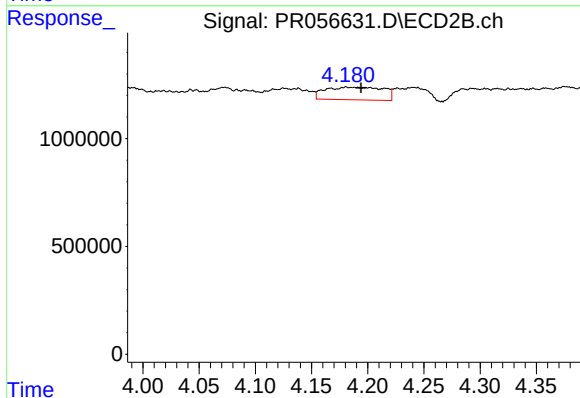
R.T.: 0.000 min
Exp R.T.: 4.018 min
Response: 0
Conc: N.D.



#13 AR-1232-3

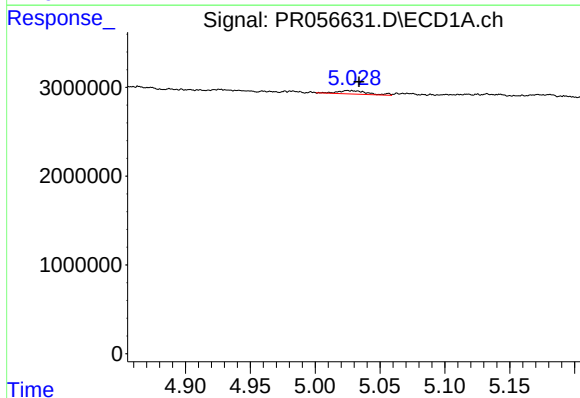
R.T.: 4.844 min
Delta R.T.: -0.024 min
Response: 5118420
Conc: 63.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



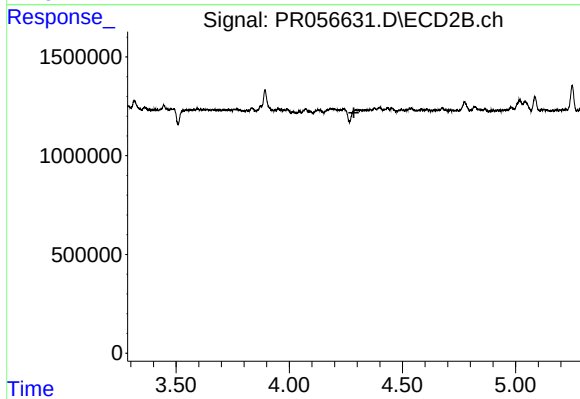
#13 AR-1232-3

R.T.: 4.182 min
Delta R.T.: -0.012 min
Response: 2128535
Conc: 116.52 ng/ml



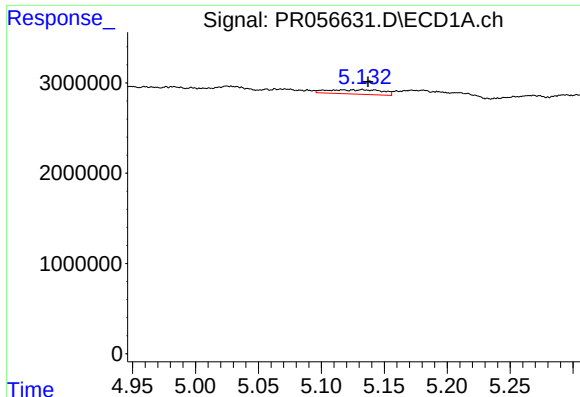
#14 AR-1232-4

R.T.: 5.027 min
Delta R.T.: -0.007 min
Response: 609112
Conc: 16.21 ng/ml



#14 AR-1232-4

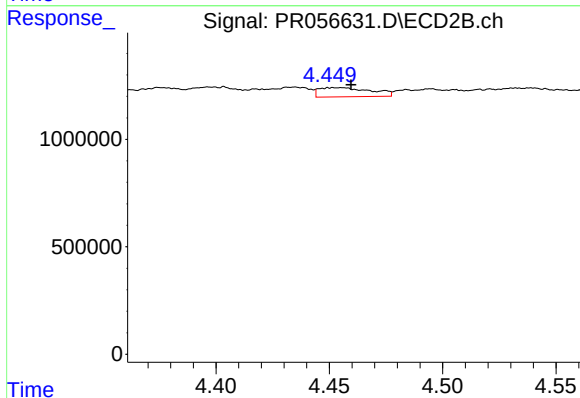
R.T.: 0.000 min
Exp R.T.: 4.285 min
Response: 0
Conc: N.D.



#15 AR-1232-5

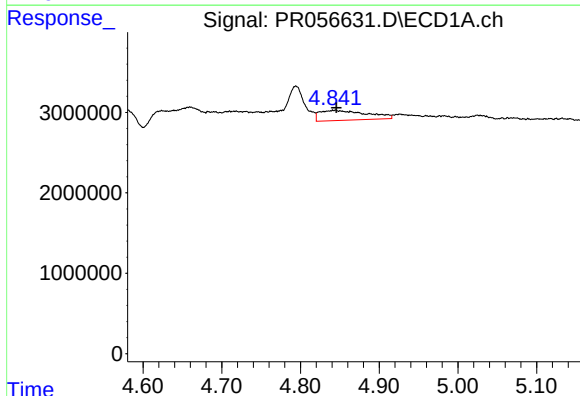
R.T.: 5.132 min
Delta R.T.: -0.005 min
Response: 1442592
Conc: 56.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



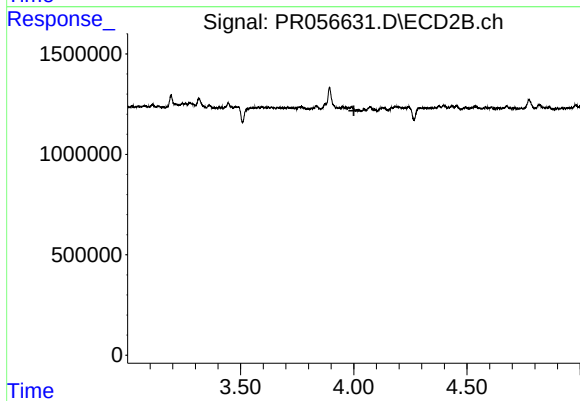
#15 AR-1232-5

R.T.: 4.453 min
Delta R.T.: -0.006 min
Response: 682773
Conc: 39.17 ng/ml



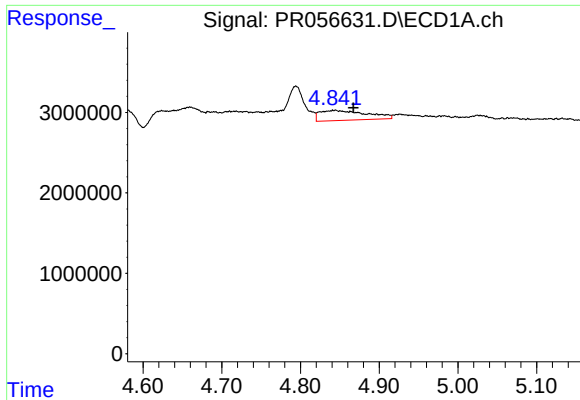
#16 AR-1242-1

R.T.: 4.844 min
Delta R.T.: -0.002 min
Response: 5118420
Conc: 48.88 ng/ml



#16 AR-1242-1

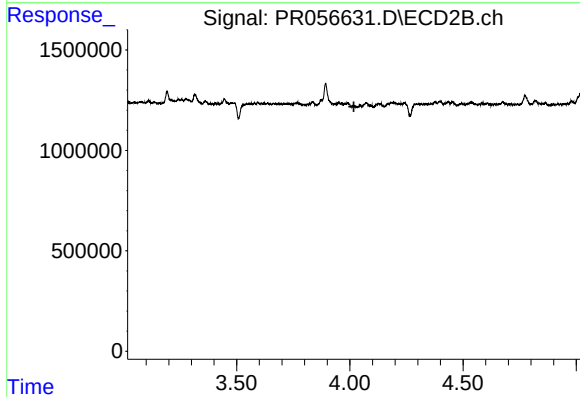
R.T.: 0.000 min
Exp R.T.: 4.000 min
Response: 0
Conc: N.D.



#17 AR-1242-2

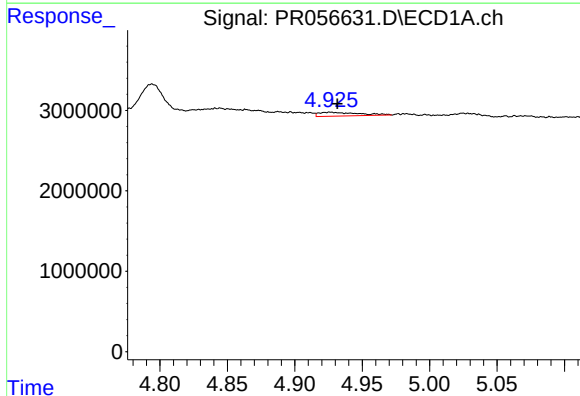
R.T.: 4.844 min
Delta R.T.: -0.024 min
Response: 5118420
Conc: 33.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



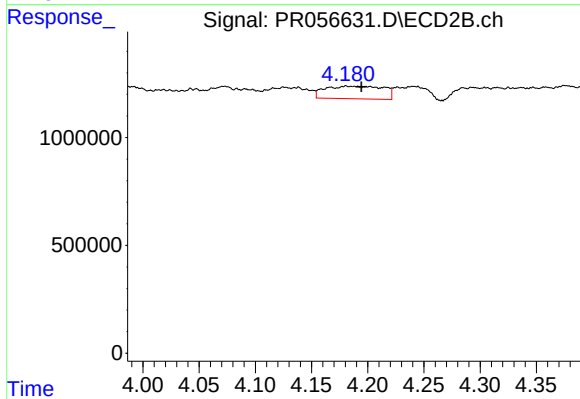
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.018 min
Response: 0
Conc: N.D.



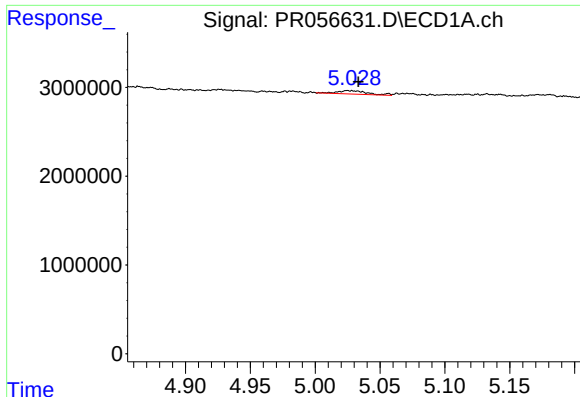
#18 AR-1242-3

R.T.: 4.926 min
Delta R.T.: -0.005 min
Response: 958468
Conc: 10.68 ng/ml



#18 AR-1242-3

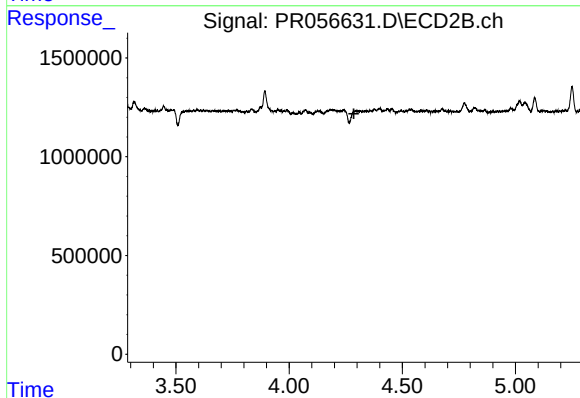
R.T.: 4.182 min
Delta R.T.: -0.013 min
Response: 2128535
Conc: 58.76 ng/ml



#19 AR-1242-4

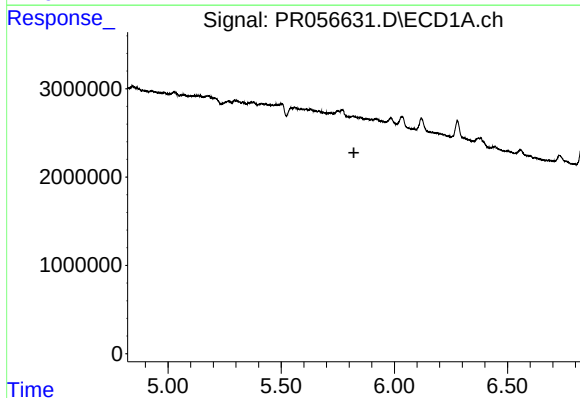
R.T.: 5.027 min
Delta R.T.: -0.007 min
Response: 609112
Conc: 8.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



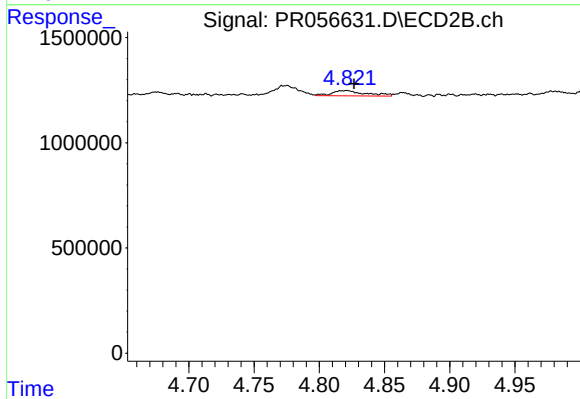
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.286 min
Response: 0
Conc: N.D.



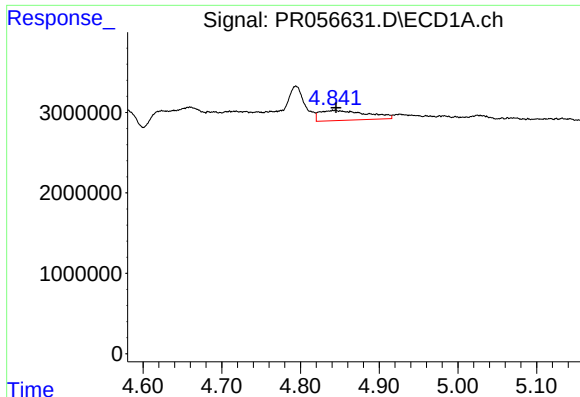
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 5.821 min
Response: 0
Conc: N.D.



#20 AR-1242-5

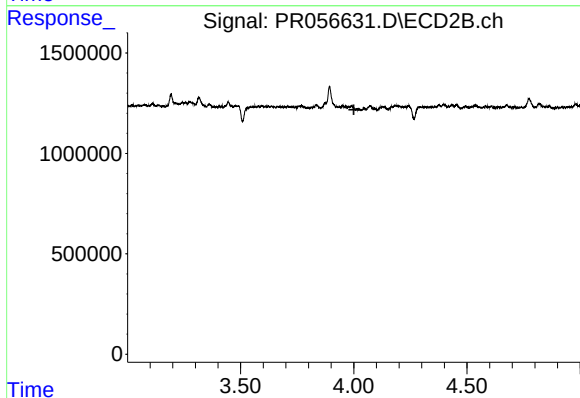
R.T.: 4.820 min
Delta R.T.: -0.007 min
Response: 446468
Conc: 10.67 ng/ml



#21 AR-1248-1

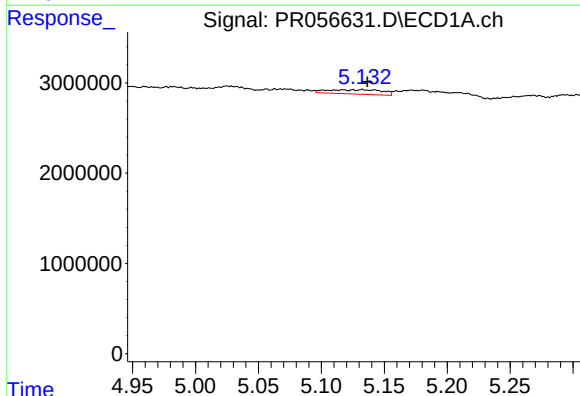
R.T.: 4.844 min
Delta R.T.: -0.002 min
Response: 5118420
Conc: 63.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



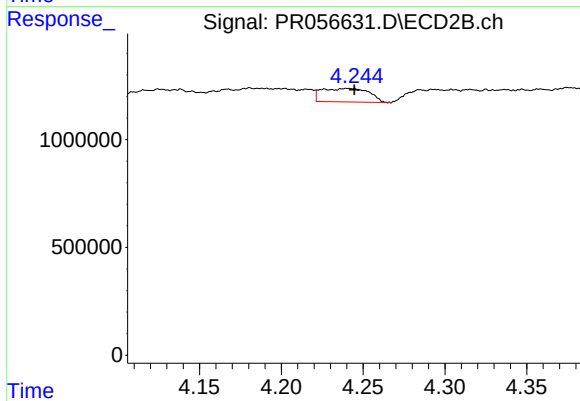
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.001 min
Response: 0
Conc: N.D.



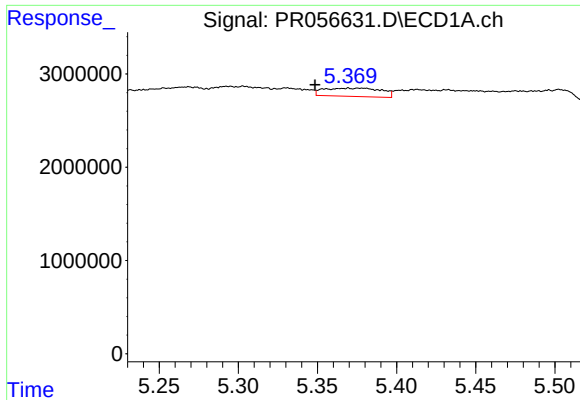
#22 AR-1248-2

R.T.: 5.132 min
Delta R.T.: -0.004 min
Response: 1442592
Conc: 15.04 ng/ml



#22 AR-1248-2

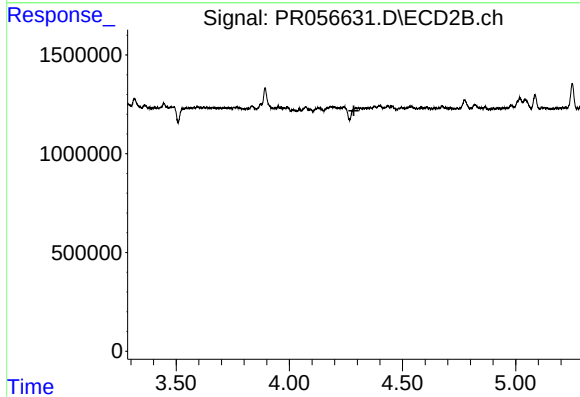
R.T.: 4.241 min
Delta R.T.: -0.004 min
Response: 1258355
Conc: 26.69 ng/ml



#23 AR-1248-3

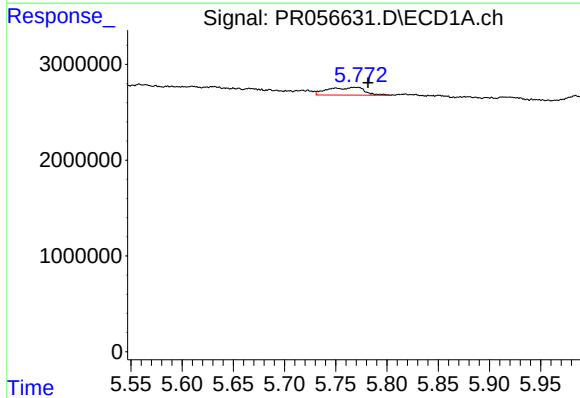
R.T.: 5.370 min
Delta R.T.: 0.021 min
Response: 2255243
Conc: 21.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



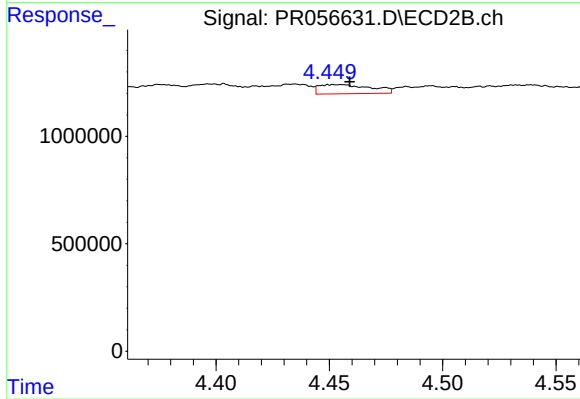
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.285 min
Response: 0
Conc: N.D.



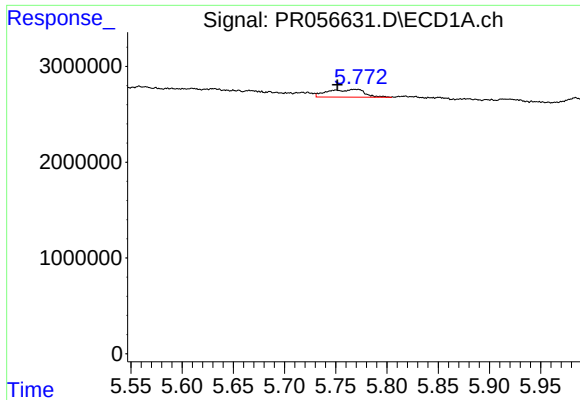
#24 AR-1248-4

R.T.: 5.769 min
Delta R.T.: -0.013 min
Response: 2027287
Conc: 18.38 ng/ml



#24 AR-1248-4

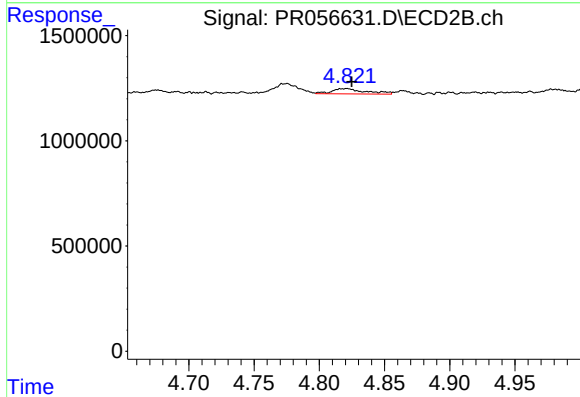
R.T.: 4.453 min
Delta R.T.: -0.006 min
Response: 682773
Conc: 11.61 ng/ml



#26 AR-1254-1

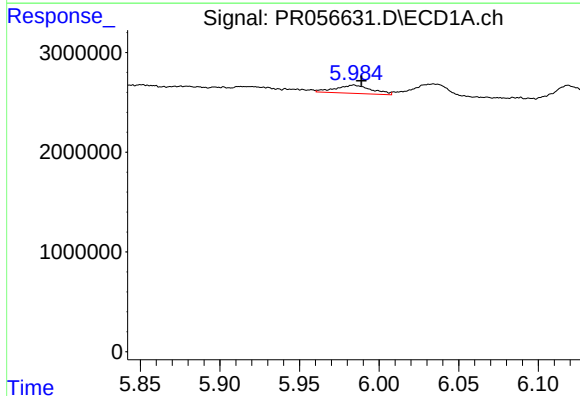
R.T.: 5.769 min
Delta R.T.: 0.017 min
Response: 2027287
Conc: 19.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



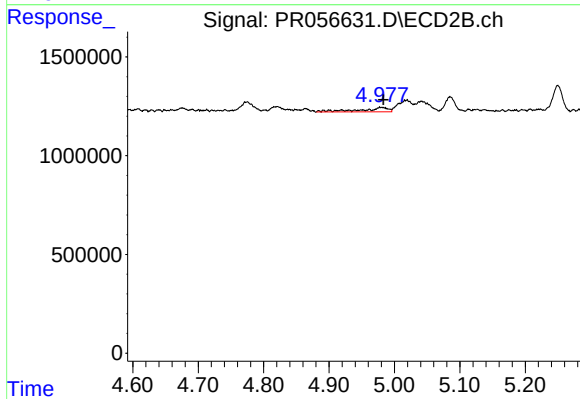
#26 AR-1254-1

R.T.: 4.820 min
Delta R.T.: -0.005 min
Response: 446468
Conc: 5.08 ng/ml



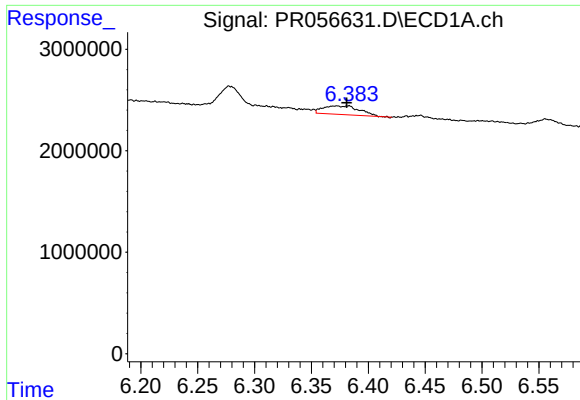
#27 AR-1254-2

R.T.: 5.984 min
Delta R.T.: -0.005 min
Response: 1283691
Conc: 8.22 ng/ml



#27 AR-1254-2

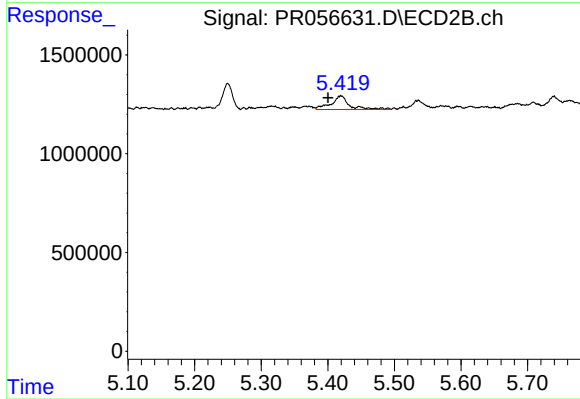
R.T.: 4.980 min
Delta R.T.: -0.003 min
Response: 666494
Conc: 8.69 ng/ml



#28 AR-1254-3

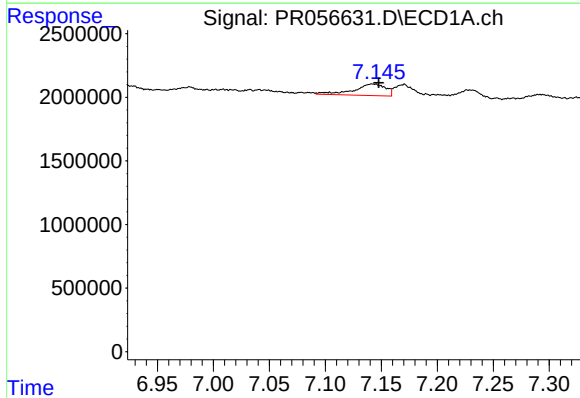
R.T.: 6.372 min
Delta R.T.: -0.009 min
Response: 1909234
Conc: 12.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



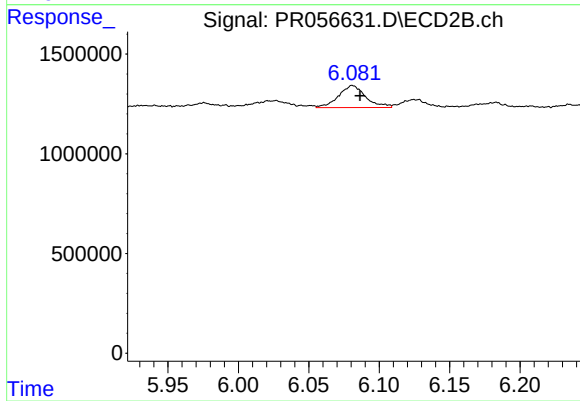
#28 AR-1254-3

R.T.: 5.420 min
Delta R.T.: 0.019 min
Response: 1295064
Conc: 10.24 ng/ml



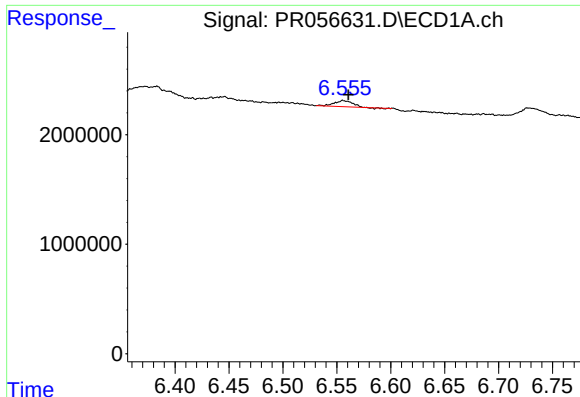
#30 AR-1254-5

R.T.: 7.142 min
Delta R.T.: -0.006 min
Response: 1799322
Conc: 15.34 ng/ml



#30 AR-1254-5

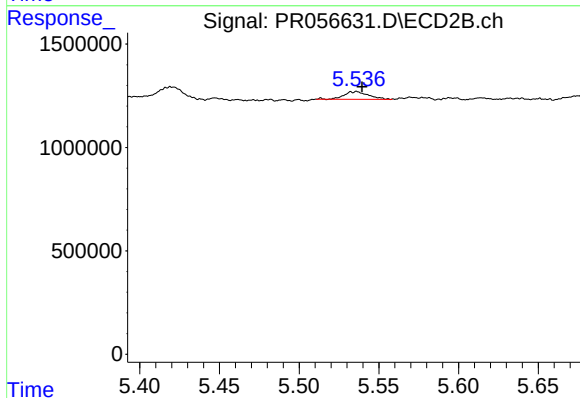
R.T.: 6.081 min
Delta R.T.: -0.005 min
Response: 1482052
Conc: 13.41 ng/ml



#31 AR-1260-1

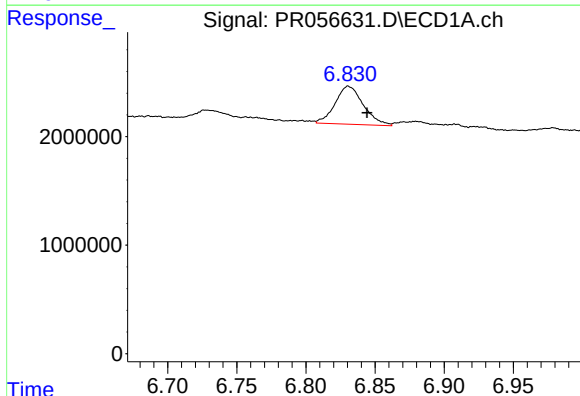
R.T.: 6.557 min
Delta R.T.: -0.004 min
Response: 421363
Conc: 3.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



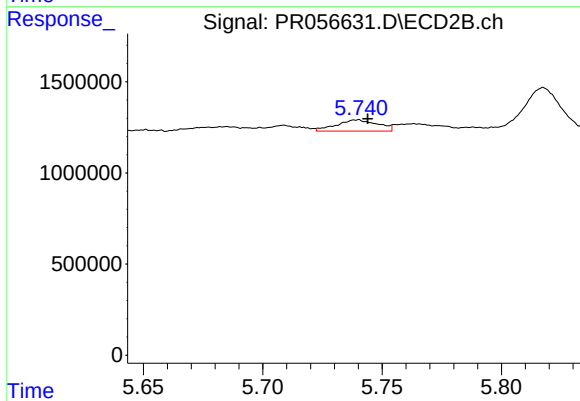
#31 AR-1260-1

R.T.: 5.536 min
Delta R.T.: -0.004 min
Response: 403885
Conc: 4.92 ng/ml



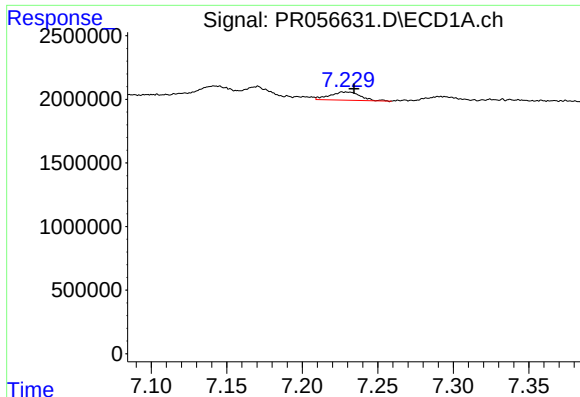
#32 AR-1260-2

R.T.: 6.831 min
Delta R.T.: -0.013 min
Response: 4984656
Conc: 37.49 ng/ml



#32 AR-1260-2

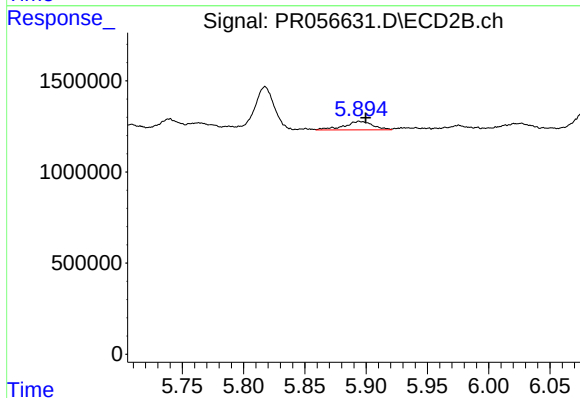
R.T.: 5.740 min
Delta R.T.: -0.004 min
Response: 736294
Conc: 7.23 ng/ml



#33 AR-1260-3

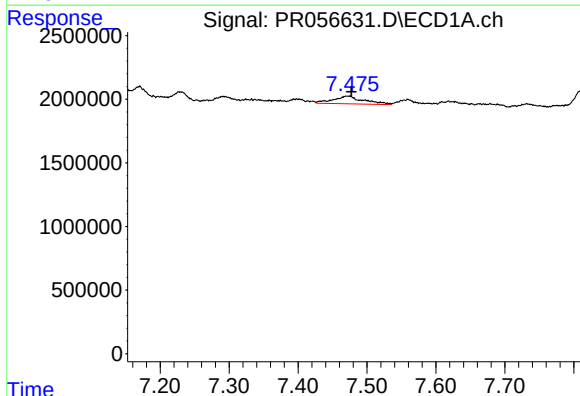
R.T.: 7.229 min
Delta R.T.: -0.005 min
Response: 907564
Conc: 9.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



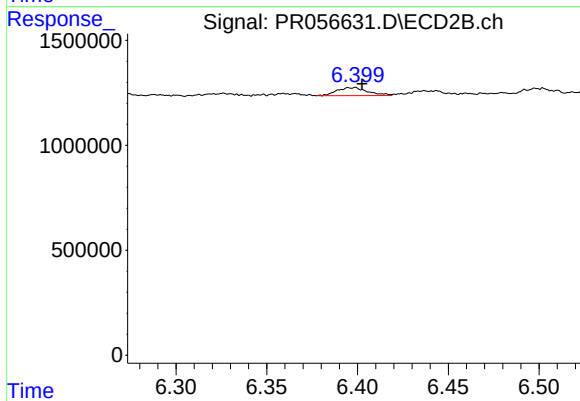
#33 AR-1260-3

R.T.: 5.895 min
Delta R.T.: -0.005 min
Response: 765111
Conc: 8.08 ng/ml



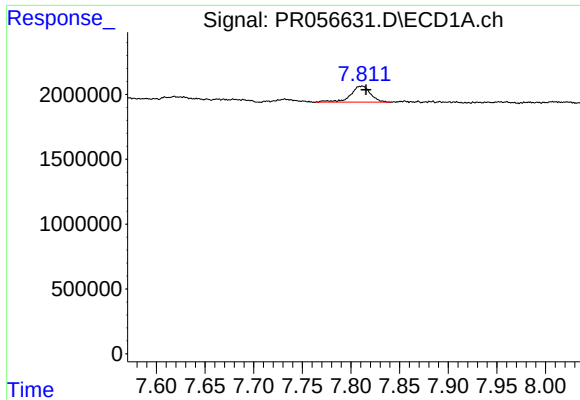
#34 AR-1260-4

R.T.: 7.472 min
Delta R.T.: -0.005 min
Response: 1867924
Conc: 17.24 ng/ml



#34 AR-1260-4

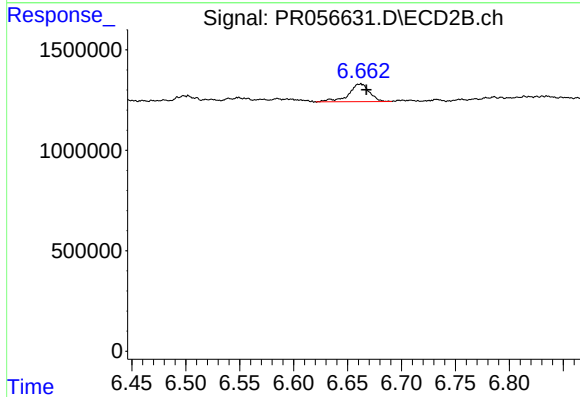
R.T.: 6.397 min
Delta R.T.: -0.005 min
Response: 461351
Conc: 5.75 ng/ml



#35 AR-1260-5

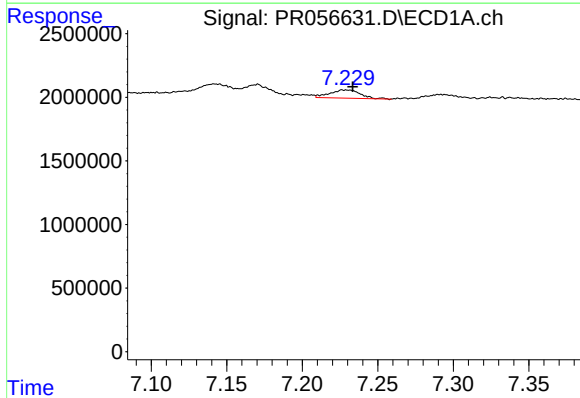
R.T.: 7.811 min
Delta R.T.: -0.005 min
Response: 1743415
Conc: 8.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



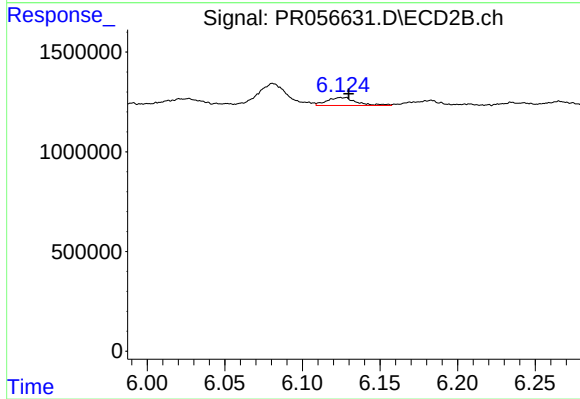
#35 AR-1260-5

R.T.: 6.662 min
Delta R.T.: -0.006 min
Response: 1176167
Conc: 6.15 ng/ml



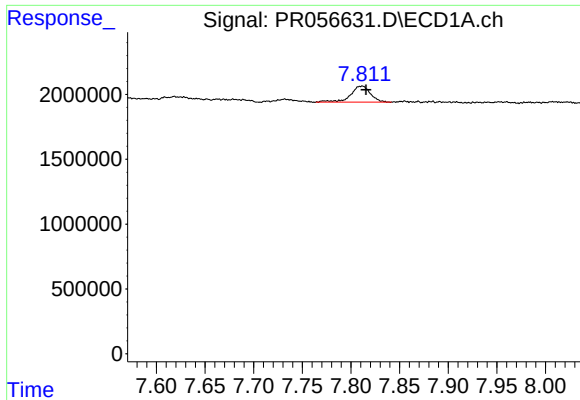
#36 AR-1262-1

R.T.: 7.229 min
Delta R.T.: -0.004 min
Response: 907564
Conc: 6.82 ng/ml



#36 AR-1262-1

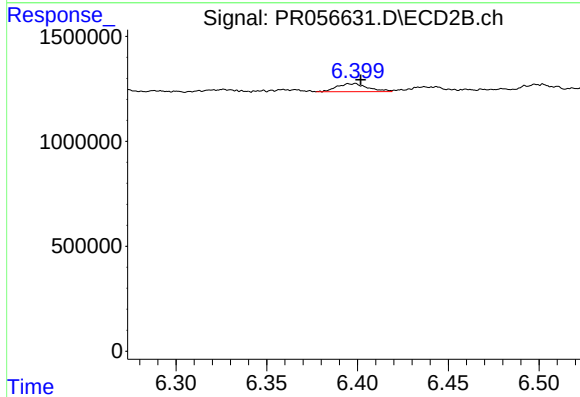
R.T.: 6.125 min
Delta R.T.: -0.005 min
Response: 529533
Conc: 4.93 ng/ml



#37 AR-1262-2

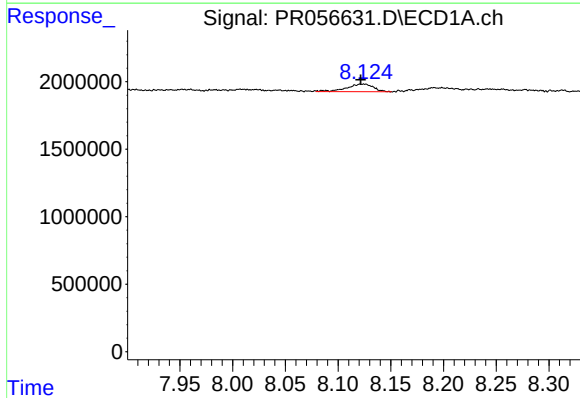
R.T.: 7.811 min
Delta R.T.: -0.005 min
Response: 1743415
Conc: 7.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



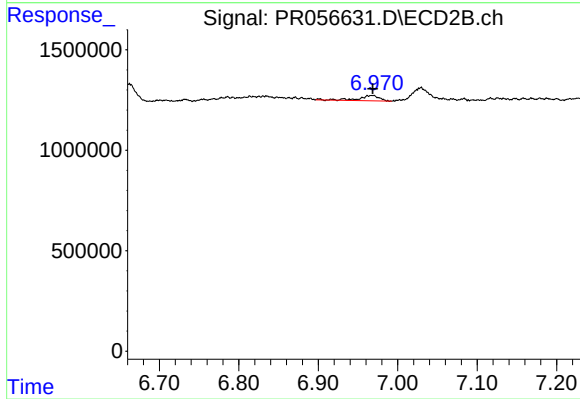
#37 AR-1262-2

R.T.: 6.397 min
Delta R.T.: -0.005 min
Response: 461351
Conc: 4.66 ng/ml



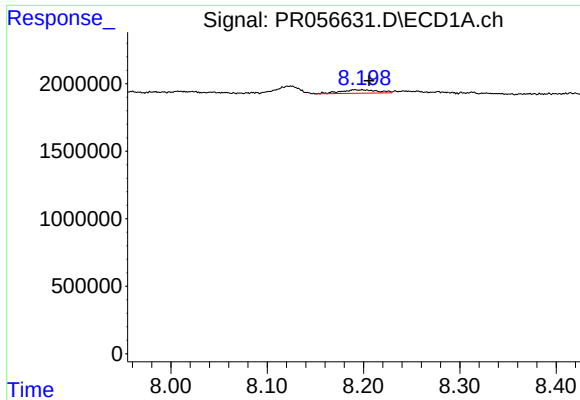
#38 AR-1262-3

R.T.: 8.124 min
Delta R.T.: 0.002 min
Response: 989975
Conc: 6.33 ng/ml



#38 AR-1262-3

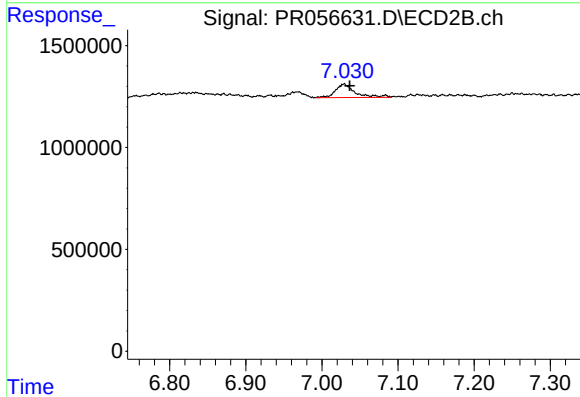
R.T.: 6.967 min
Delta R.T.: -0.001 min
Response: 453094
Conc: 5.70 ng/ml



#39 AR-1262-4

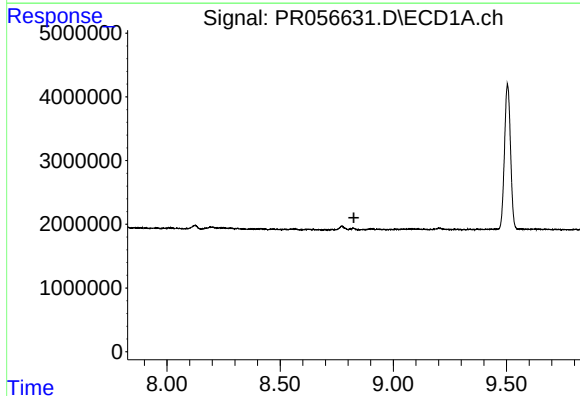
R.T.: 8.193 min
Delta R.T.: -0.013 min
Response: 674693
Conc: 9.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



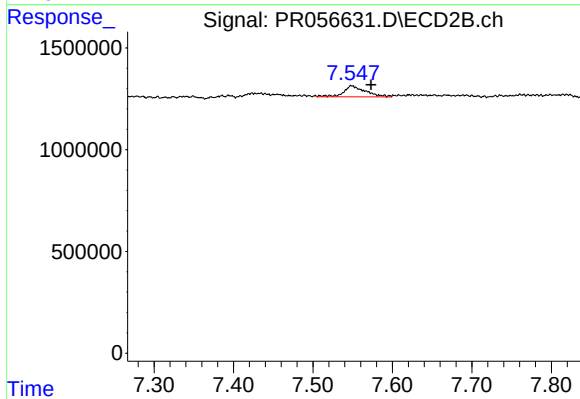
#39 AR-1262-4

R.T.: 7.029 min
Delta R.T.: -0.008 min
Response: 1170050
Conc: 7.60 ng/ml



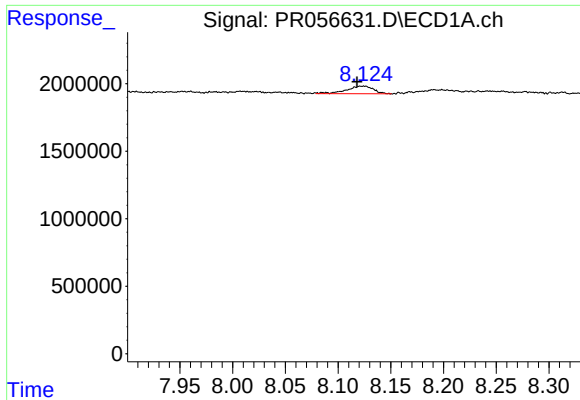
#40 AR-1262-5

R.T.: 8.823 min
Delta R.T.: -0.003 min
Response: -104046
Conc: N.D.



#40 AR-1262-5

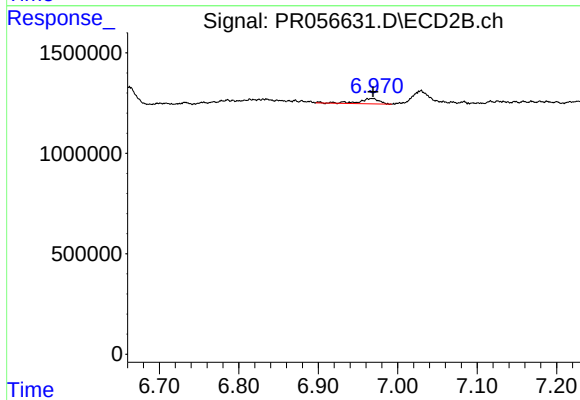
R.T.: 7.549 min
Delta R.T.: -0.024 min
Response: 1045408
Conc: 14.38 ng/ml



#41 AR-1268-1

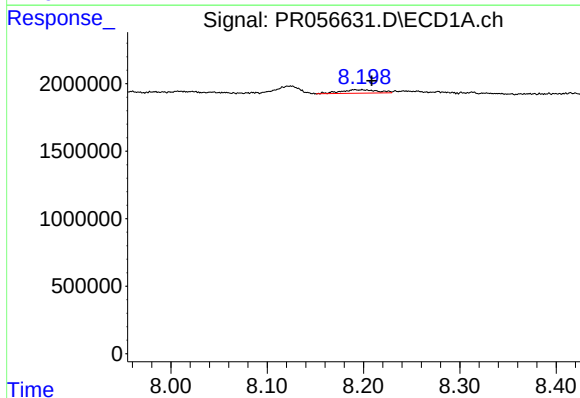
R.T.: 8.124 min
Delta R.T.: 0.006 min
Response: 989975
Conc: 3.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



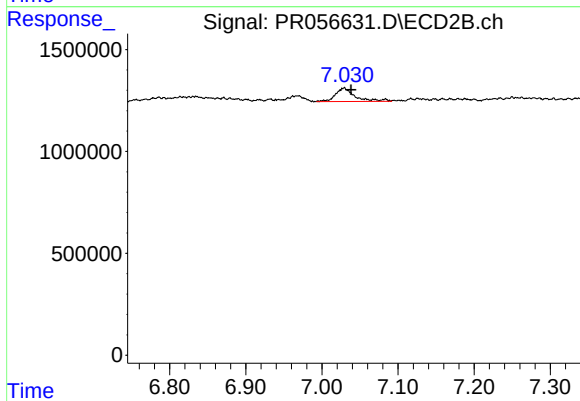
#41 AR-1268-1

R.T.: 6.967 min
Delta R.T.: -0.002 min
Response: 453094
Conc: 1.94 ng/ml



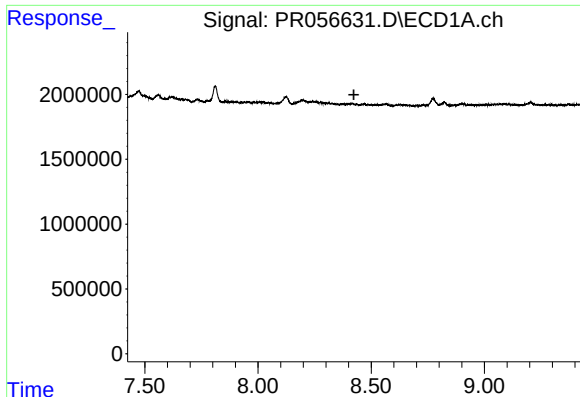
#42 AR-1268-2

R.T.: 8.193 min
Delta R.T.: -0.016 min
Response: 674693
Conc: 2.59 ng/ml



#42 AR-1268-2

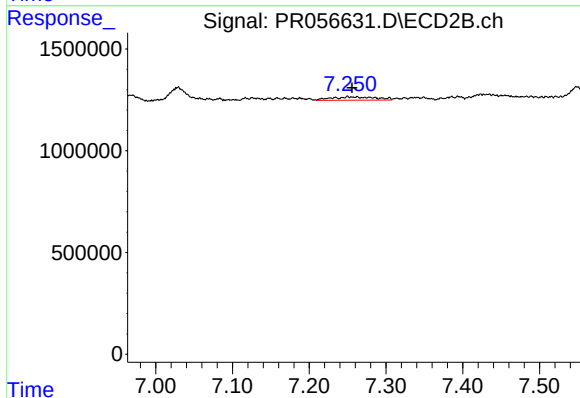
R.T.: 7.029 min
Delta R.T.: -0.009 min
Response: 1170050
Conc: 5.32 ng/ml



#43 AR-1268-3

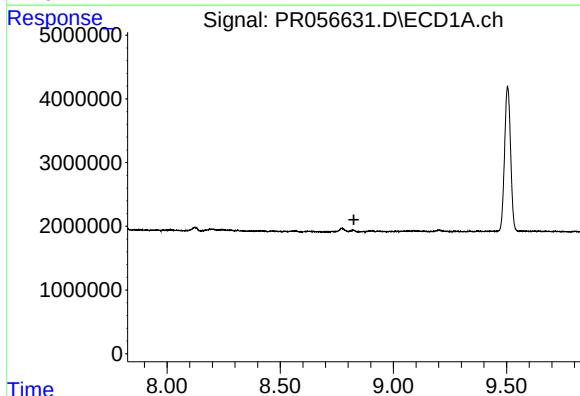
R.T.: 0.000 min
Exp R.T.: 8.423 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



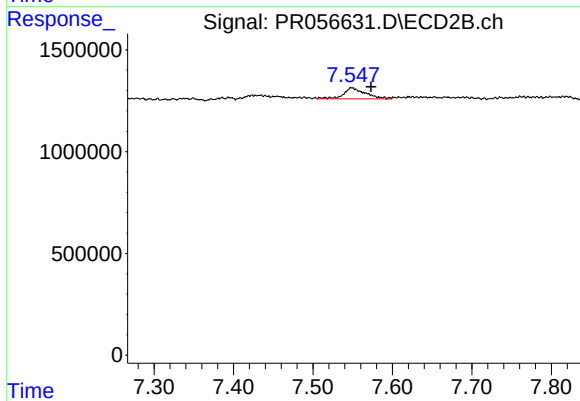
#43 AR-1268-3

R.T.: 7.251 min
Delta R.T.: -0.005 min
Response: 666210
Conc: 3.60 ng/ml



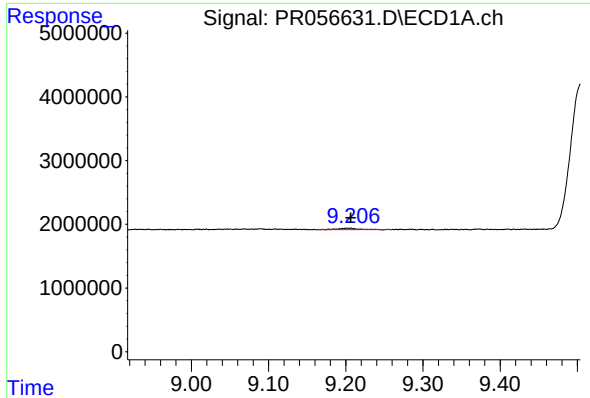
#44 AR-1268-4

R.T.: 8.823 min
Delta R.T.: -0.002 min
Response: -104046
Conc: N.D.



#44 AR-1268-4

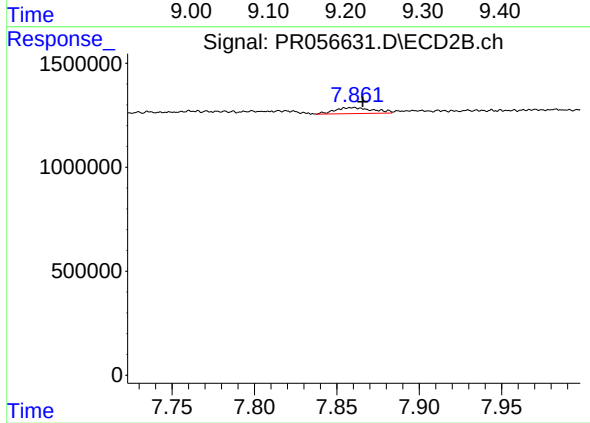
R.T.: 7.549 min
Delta R.T.: -0.024 min
Response: 1045408
Conc: 12.80 ng/ml



#45 AR-1268-5

R.T.: 9.204 min
Delta R.T.: -0.003 min
Response: 417462
Conc: 0.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.859 min
Delta R.T.: -0.006 min
Response: 450462
Conc: 0.74 ng/ml