

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022423\
 Data File : PR059796.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Feb 2023 08:44
 Operator : YP\AJ
 Sample : 01627-09 (Sig #1); 01627-08 (Sig #2)
 Misc : AR1254 MDL 25 PPB
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 27 11:12:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR022423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 24 12:41:32 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...	3.689	2.906	58198140	84136679	19.479	19.438
2)	SA Decachlor...	9.658	8.137	51310117	75155571	22.370	21.304
Target Compounds							
3)	L1 AR-1016-1	4.926	4.019	505034	197177	5.502	1.396 #
4)	L1 AR-1016-2	4.926f	4.049	505034	627514	3.879	3.066
5)	L1 AR-1016-3	5.023	0.000	361556	0	4.340	N.D. #
6)	L1 AR-1016-4	0.000	4.262	0	2802610	N.D.	32.507 #
7)	L1 AR-1016-5	5.433	4.477	961463	1717137	14.602	15.337
8)	L2 AR-1221-1	0.000	3.111f	0	765519	N.D.	20.184 #
9)	L2 AR-1221-2	4.004	3.207	1159018	1283471	51.491	45.492
12)	L3 AR-1232-2	0.000	4.049	0	627514	N.D.	7.120 #
13)	L3 AR-1232-3	4.926f	0.000	505034	0	8.629	N.D. #
14)	L3 AR-1232-4	0.000	4.302	0	953037	N.D.	23.729 #
15)	L3 AR-1232-5	5.217	4.477	1834655	1717137	81.643	37.571 #
16)	L4 AR-1242-1	4.926	4.019	505034	197177	6.913	1.784 #
17)	L4 AR-1242-2	4.926f	4.049	505034	627514	4.936	3.884
18)	L4 AR-1242-3	5.023	0.000	361556	0	5.505	N.D. #
19)	L4 AR-1242-4	0.000	4.302	0	953037	N.D.	11.824 #
20)	L4 AR-1242-5	5.911	4.846	859644	6182963	16.024	61.629 #
21)	L5 AR-1248-1	4.926	4.019	505034	197177	9.095	2.375 #
22)	L5 AR-1248-2	5.217	4.262	1834655	2802610	24.768	23.111
23)	L5 AR-1248-3	5.433	4.302	961463	953037	11.245	7.803 #
24)	L5 AR-1248-4	5.869	4.477	1280274	1717137	14.317	11.505
25)	L5 AR-1248-5	5.911	4.888	859644	655057	9.601	4.733 #
26)	L6 AR-1254-1	5.839	4.846	3179479	6182963	34.148	27.242
27)	L6 AR-1254-2	6.078	5.004	4785439	5478454	33.859	28.105
28)	L6 AR-1254-3	6.473	5.424	4687730	8387666	31.916	26.989
29)	L6 AR-1254-4	6.787	5.670	3282916	5028190	30.960	27.869
30)	L6 AR-1254-5	7.245	6.113	3746231	7403519	31.491	26.911
31)	L7 AR-1260-1	6.654	5.565	2006253	4411638	16.520	19.201
32)	L7 AR-1260-2	6.939	5.768	2197982	3533992	15.785	13.071
33)	L7 AR-1260-3	7.308f	5.923	481870	3678495	4.521	14.315 #
34)	L7 AR-1260-4	7.555f	6.429	1699746	389793	13.846	1.831 #
35)	L7 AR-1260-5	7.915	6.694	637007	812850	2.795	1.686 #
36)	L8 AR-1262-1	7.308f	6.184f	481870	588042	3.444	2.033 #
37)	L8 AR-1262-2	7.915	6.429	637007	389793	2.680	1.516 #
38)	L8 AR-1262-3	8.237	0.000	538938	0	3.154	N.D. #
39)	L8 AR-1262-4	8.295f	7.062	268642	1483400	2.027	4.065 #
40)	L8 AR-1262-5	8.949	0.000	201317	0	2.123	N.D. #
41)	L9 AR-1268-1	8.237	0.000	538938	0	1.758	N.D. #
42)	L9 AR-1268-2	8.295f	7.062	268642	1483400	0.965	2.676 #
43)	L9 AR-1268-3	8.538	0.000	603634	0	2.418	N.D. #

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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	8.949	0.000	201317	0	1.833	N.D. #
45) L9	AR-1268-5	9.339	7.897	414369	417025	0.522	0.283 #

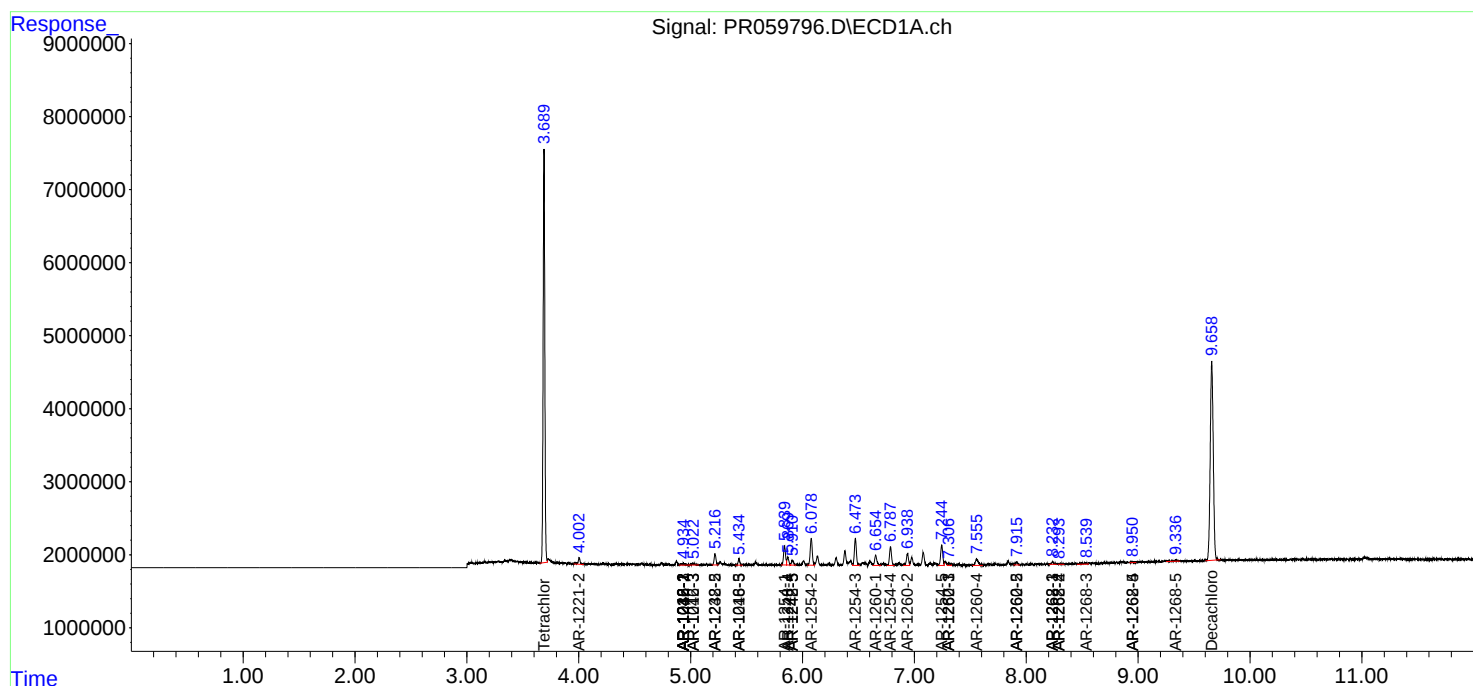
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

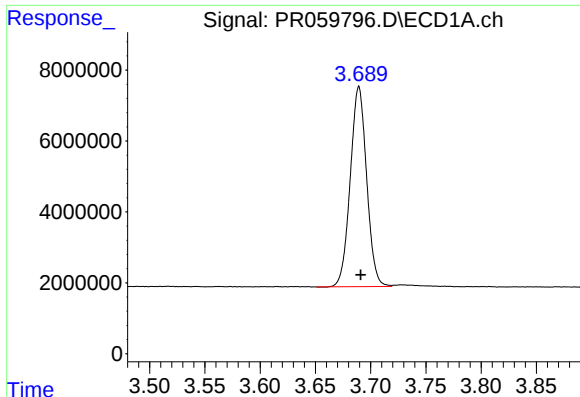
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022423\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

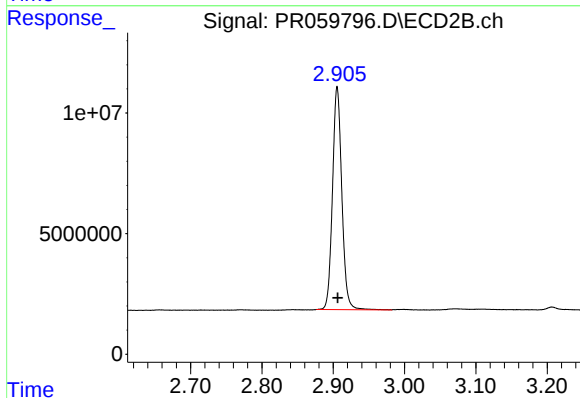




#1 Tetrachloro-m-xylene

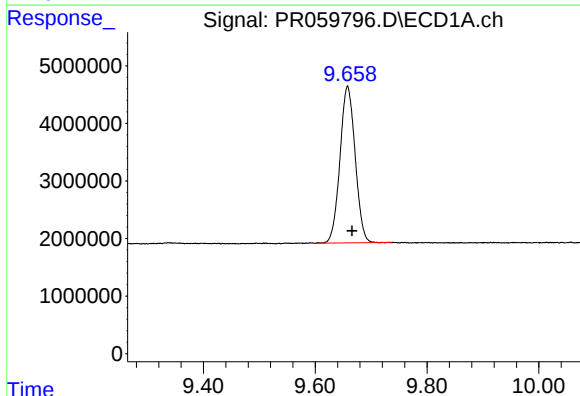
R.T.: 3.689 min
Delta R.T.: -0.002 min
Response: 58198140
Conc: 19.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



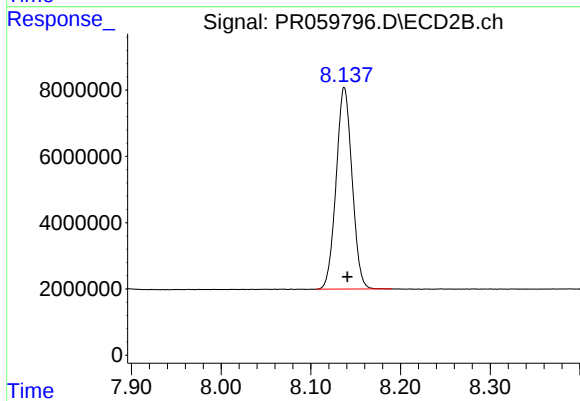
#1 Tetrachloro-m-xylene

R.T.: 2.906 min
Delta R.T.: 0.000 min
Response: 84136679
Conc: 19.44 ng/ml



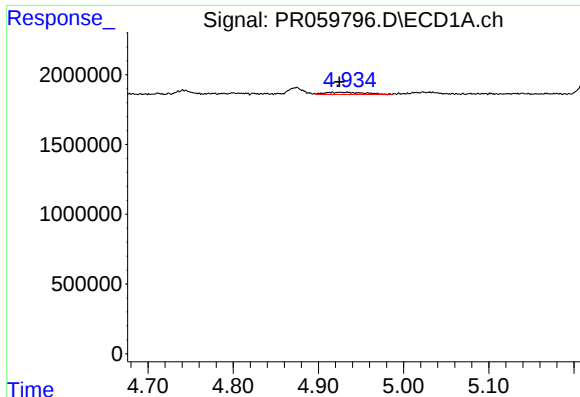
#2 Decachlorobiphenyl

R.T.: 9.658 min
Delta R.T.: -0.008 min
Response: 51310117
Conc: 22.37 ng/ml



#2 Decachlorobiphenyl

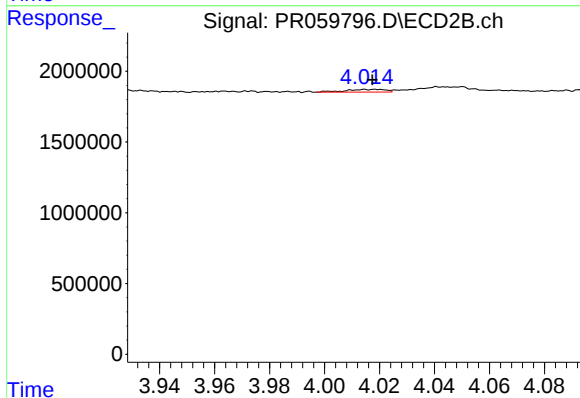
R.T.: 8.137 min
Delta R.T.: -0.004 min
Response: 75155571
Conc: 21.30 ng/ml



#3 AR-1016-1

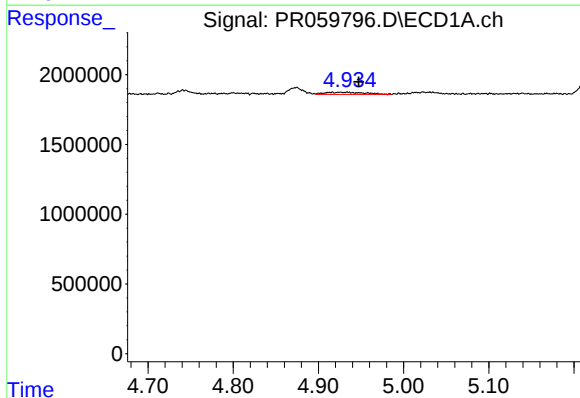
R.T.: 4.926 min
Delta R.T.: 0.001 min
Response: 505034
Conc: 5.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



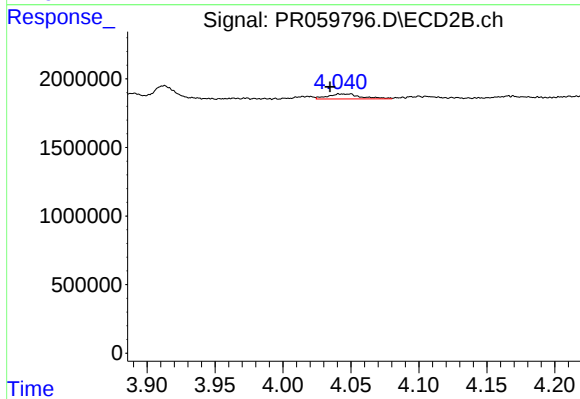
#3 AR-1016-1

R.T.: 4.019 min
Delta R.T.: 0.002 min
Response: 197177
Conc: 1.40 ng/ml



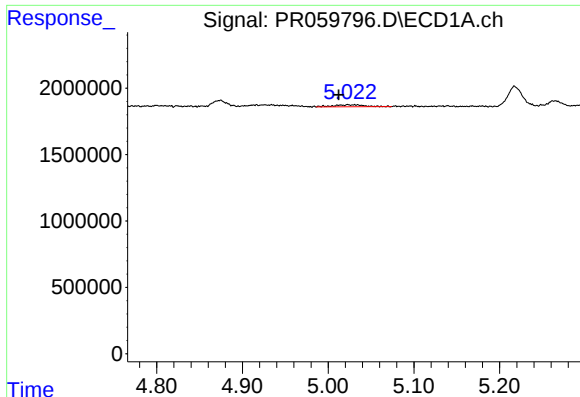
#4 AR-1016-2

R.T.: 4.926 min
Delta R.T.: -0.022 min
Response: 505034
Conc: 3.88 ng/ml



#4 AR-1016-2

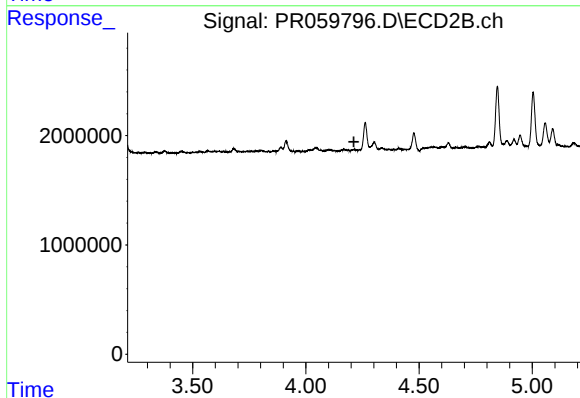
R.T.: 4.049 min
Delta R.T.: 0.014 min
Response: 627514
Conc: 3.07 ng/ml



#5 AR-1016-3

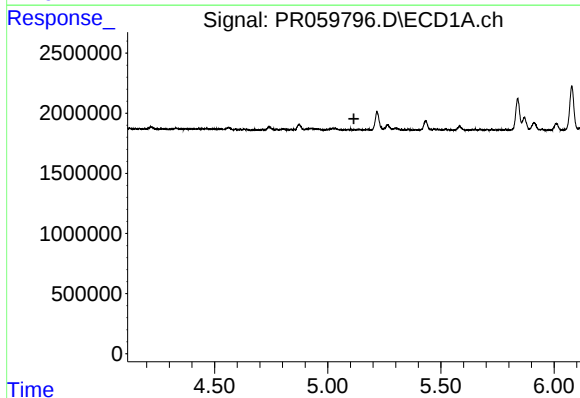
R.T.: 5.023 min
Delta R.T.: 0.010 min
Response: 361556
Conc: 4.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



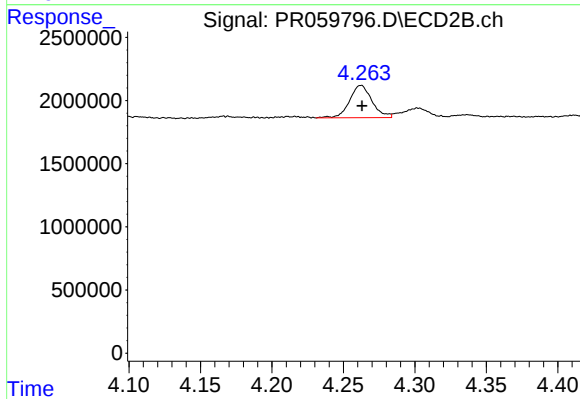
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.212 min
Response: 0
Conc: N.D.



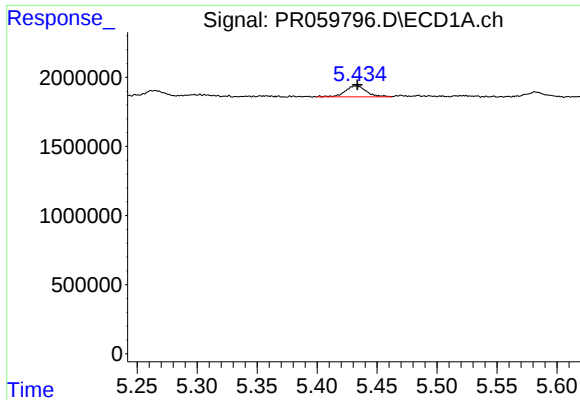
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.116 min
Response: 0
Conc: N.D.



#6 AR-1016-4

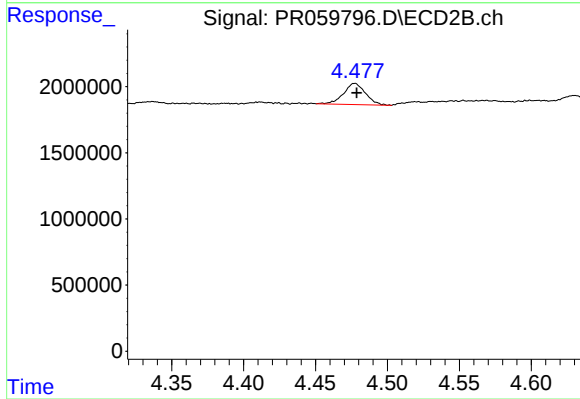
R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 2802610
Conc: 32.51 ng/ml



#7 AR-1016-5

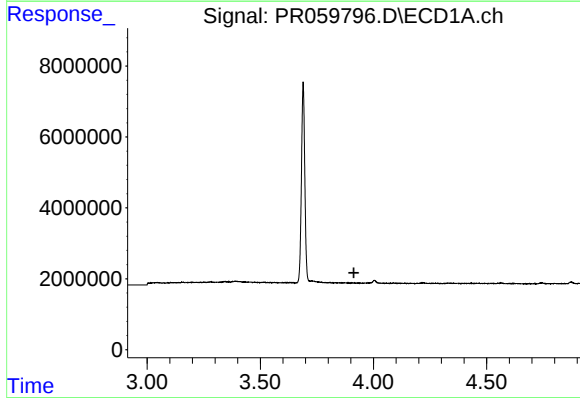
R.T.: 5.433 min
Delta R.T.: 0.000 min
Response: 961463
Conc: 14.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



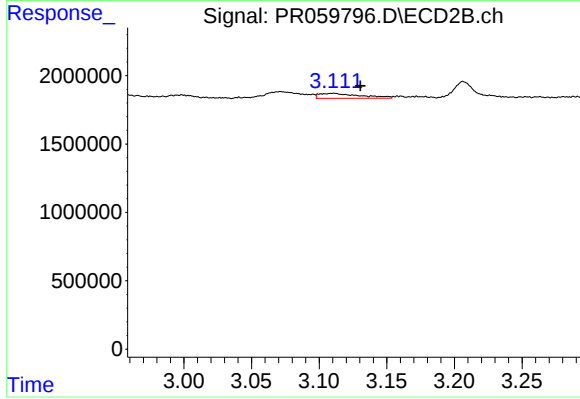
#7 AR-1016-5

R.T.: 4.477 min
Delta R.T.: -0.001 min
Response: 1717137
Conc: 15.34 ng/ml



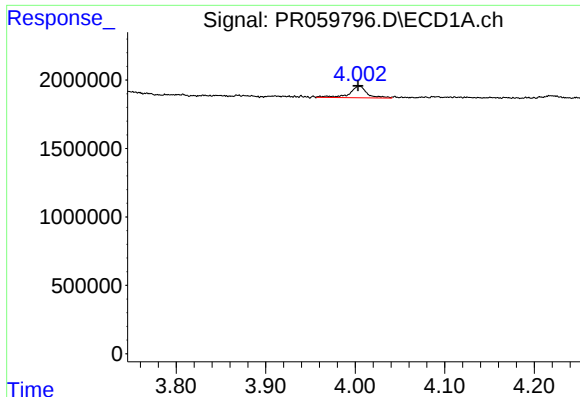
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.913 min
Response: 0
Conc: N.D.



#8 AR-1221-1

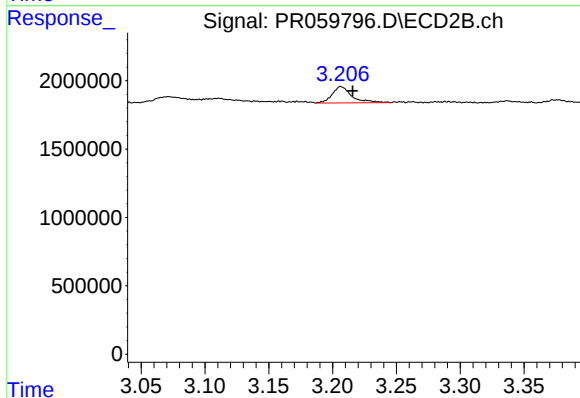
R.T.: 3.111 min
Delta R.T.: -0.020 min
Response: 765519
Conc: 20.18 ng/ml



#9 AR-1221-2

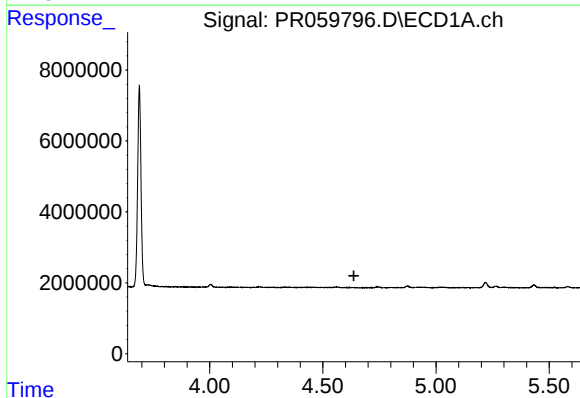
R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 1159018
Conc: 51.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



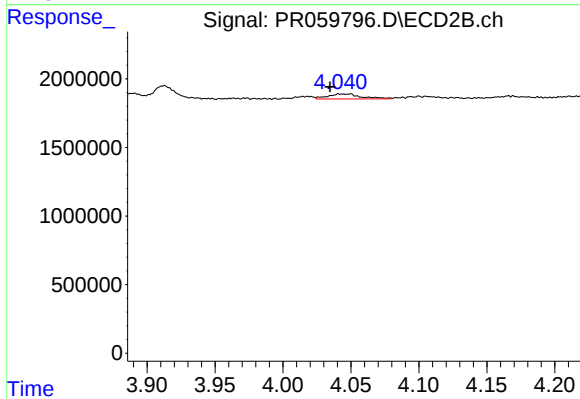
#9 AR-1221-2

R.T.: 3.207 min
Delta R.T.: -0.009 min
Response: 1283471
Conc: 45.49 ng/ml



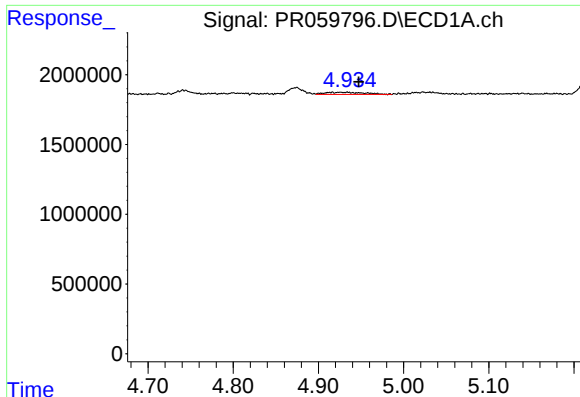
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.637 min
Response: 0
Conc: N.D.



#12 AR-1232-2

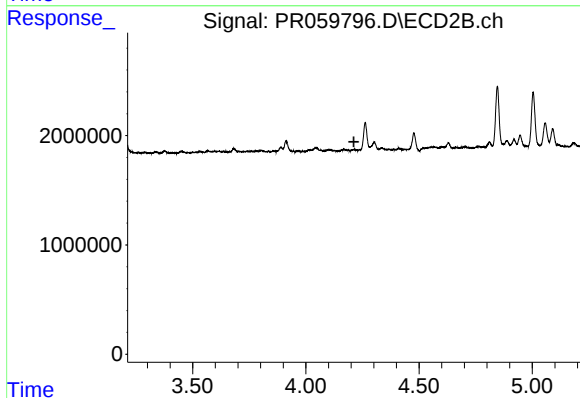
R.T.: 4.049 min
Delta R.T.: 0.014 min
Response: 627514
Conc: 7.12 ng/ml



#13 AR-1232-3

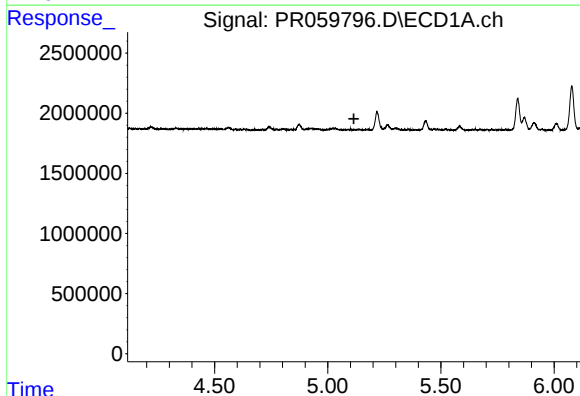
R.T.: 4.926 min
Delta R.T.: -0.022 min
Response: 505034
Conc: 8.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



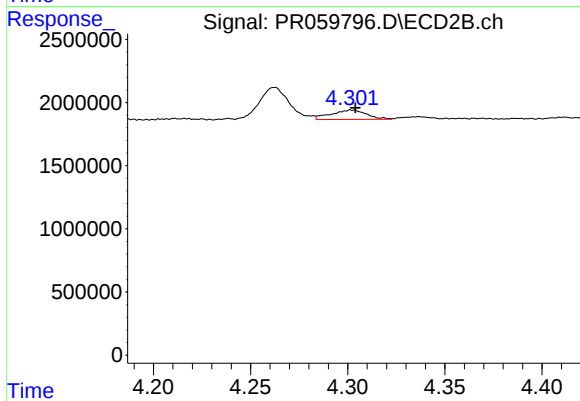
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.212 min
Response: 0
Conc: N.D.



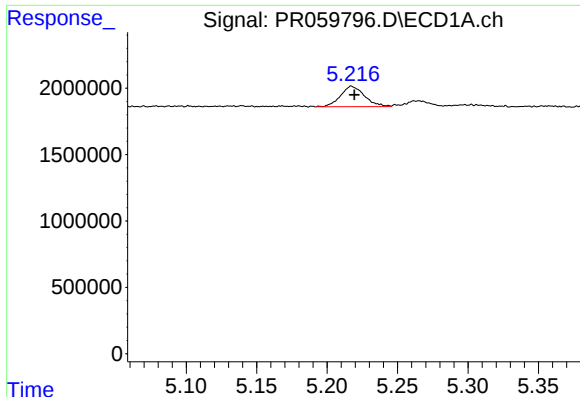
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.115 min
Response: 0
Conc: N.D.



#14 AR-1232-4

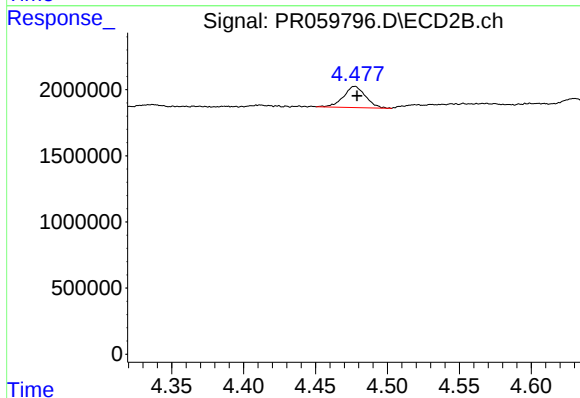
R.T.: 4.302 min
Delta R.T.: -0.002 min
Response: 953037
Conc: 23.73 ng/ml



#15 AR-1232-5

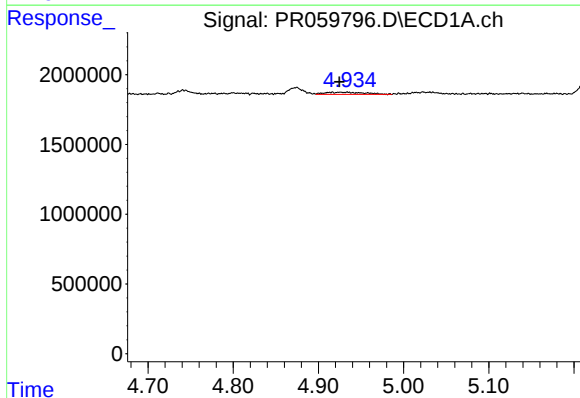
R.T.: 5.217 min
Delta R.T.: -0.002 min
Response: 1834655
Conc: 81.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



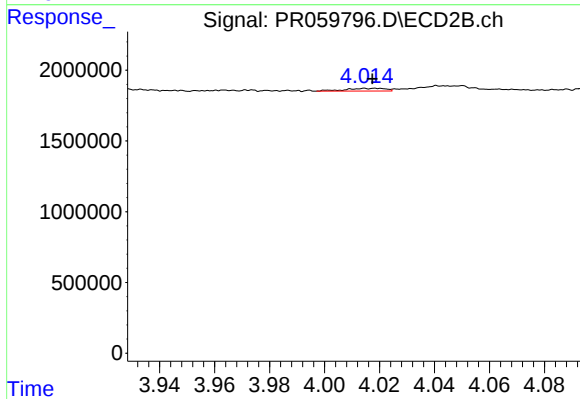
#15 AR-1232-5

R.T.: 4.477 min
Delta R.T.: -0.002 min
Response: 1717137
Conc: 37.57 ng/ml



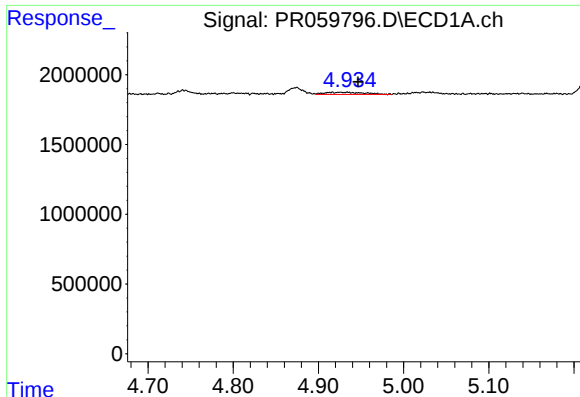
#16 AR-1242-1

R.T.: 4.926 min
Delta R.T.: 0.001 min
Response: 505034
Conc: 6.91 ng/ml



#16 AR-1242-1

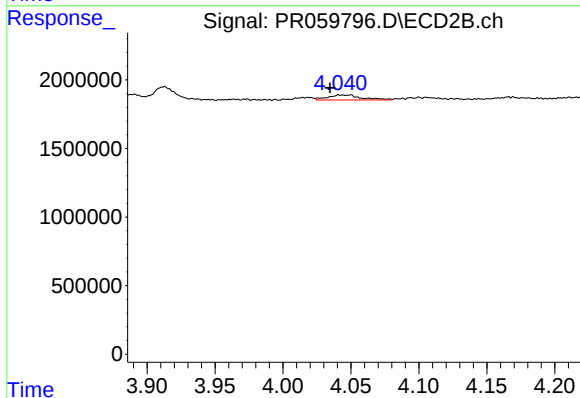
R.T.: 4.019 min
Delta R.T.: 0.002 min
Response: 197177
Conc: 1.78 ng/ml



#17 AR-1242-2

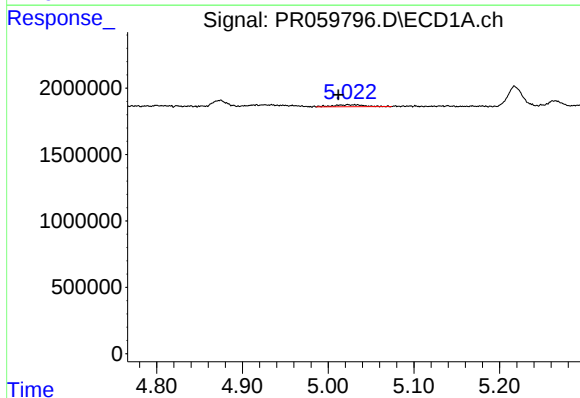
R.T.: 4.926 min
Delta R.T.: -0.021 min
Response: 505034
Conc: 4.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



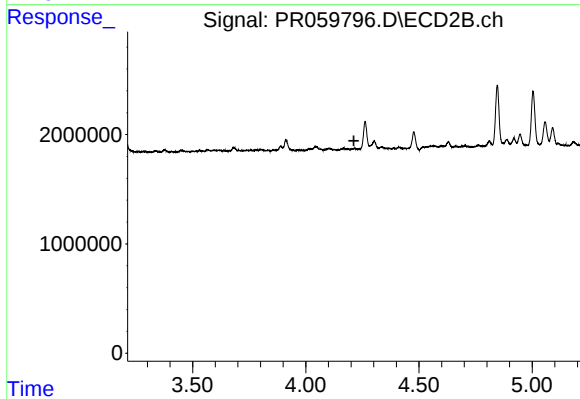
#17 AR-1242-2

R.T.: 4.049 min
Delta R.T.: 0.015 min
Response: 627514
Conc: 3.88 ng/ml



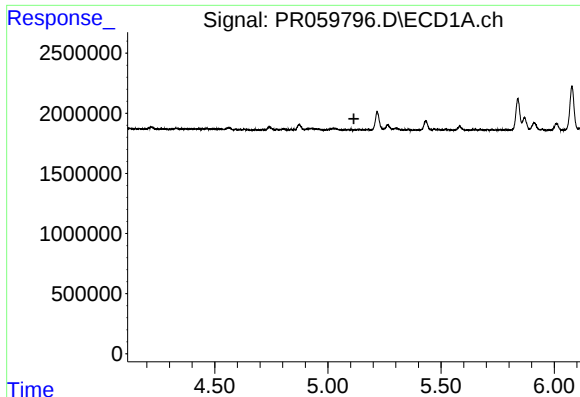
#18 AR-1242-3

R.T.: 5.023 min
Delta R.T.: 0.011 min
Response: 361556
Conc: 5.50 ng/ml



#18 AR-1242-3

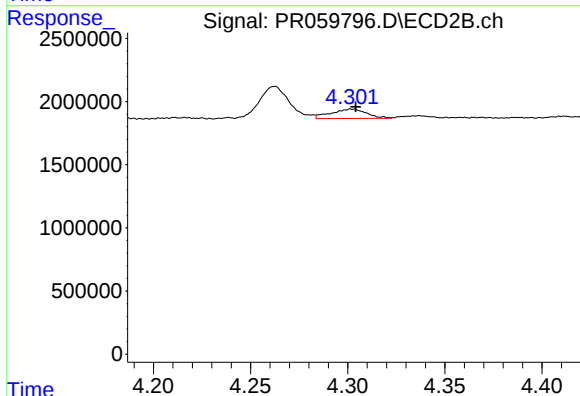
R.T.: 0.000 min
Exp R.T. : 4.212 min
Response: 0
Conc: N.D.



#19 AR-1242-4

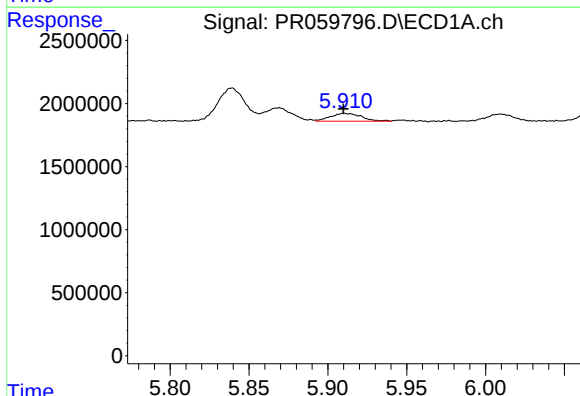
R.T.: 0.000 min
Exp R.T.: 5.115 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



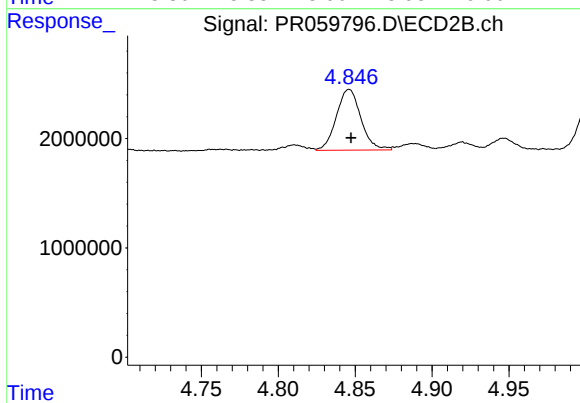
#19 AR-1242-4

R.T.: 4.302 min
Delta R.T.: -0.002 min
Response: 953037
Conc: 11.82 ng/ml



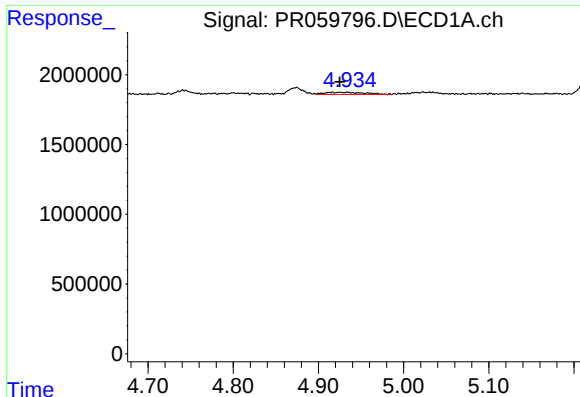
#20 AR-1242-5

R.T.: 5.911 min
Delta R.T.: 0.000 min
Response: 859644
Conc: 16.02 ng/ml



#20 AR-1242-5

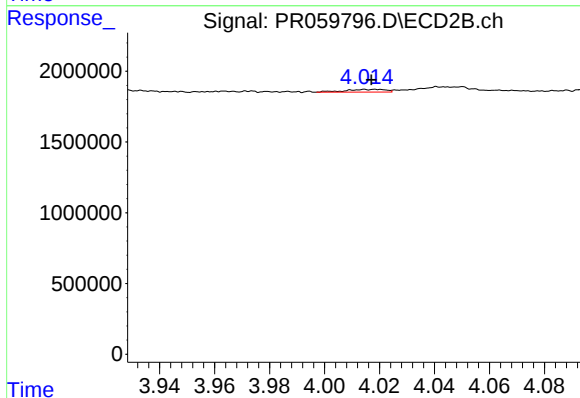
R.T.: 4.846 min
Delta R.T.: -0.001 min
Response: 6182963
Conc: 61.63 ng/ml



#21 AR-1248-1

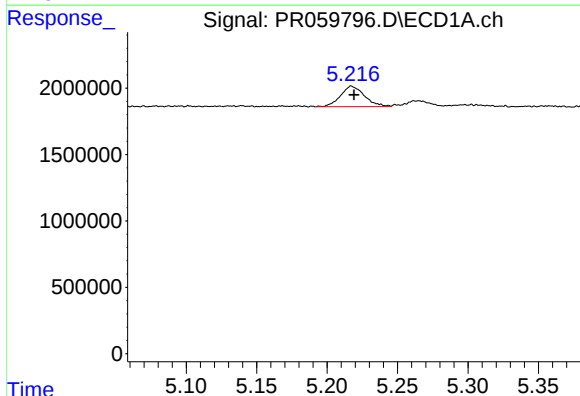
R.T.: 4.926 min
Delta R.T.: 0.000 min
Response: 505034
Conc: 9.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



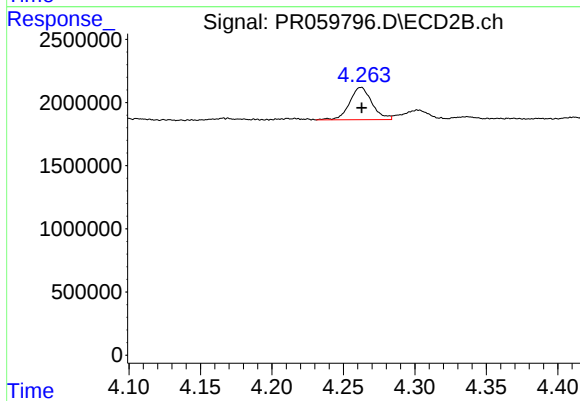
#21 AR-1248-1

R.T.: 4.019 min
Delta R.T.: 0.002 min
Response: 197177
Conc: 2.37 ng/ml



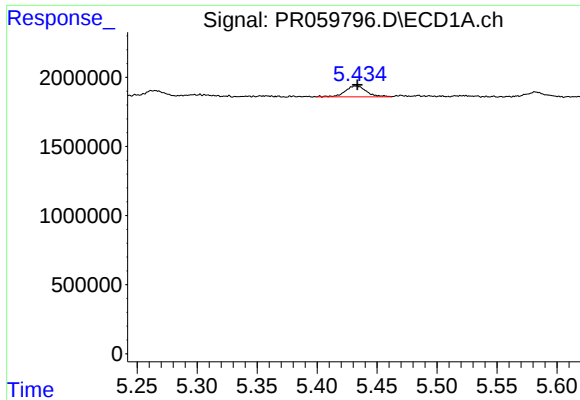
#22 AR-1248-2

R.T.: 5.217 min
Delta R.T.: -0.002 min
Response: 1834655
Conc: 24.77 ng/ml



#22 AR-1248-2

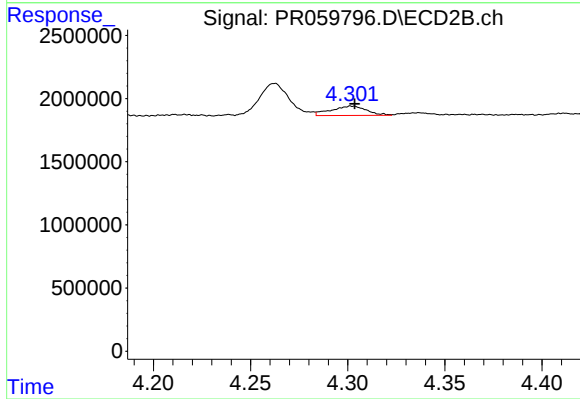
R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 2802610
Conc: 23.11 ng/ml



#23 AR-1248-3

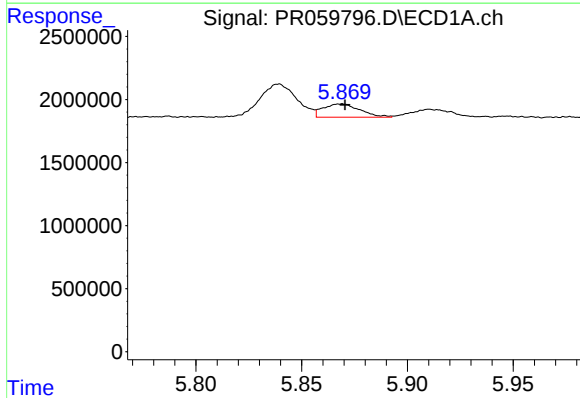
R.T.: 5.433 min
Delta R.T.: 0.000 min
Response: 961463
Conc: 11.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



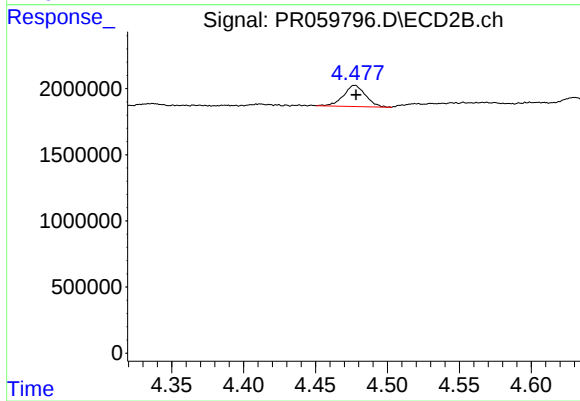
#23 AR-1248-3

R.T.: 4.302 min
Delta R.T.: -0.001 min
Response: 953037
Conc: 7.80 ng/ml



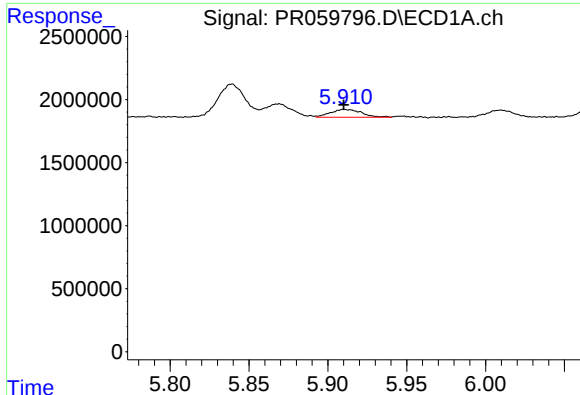
#24 AR-1248-4

R.T.: 5.869 min
Delta R.T.: -0.002 min
Response: 1280274
Conc: 14.32 ng/ml



#24 AR-1248-4

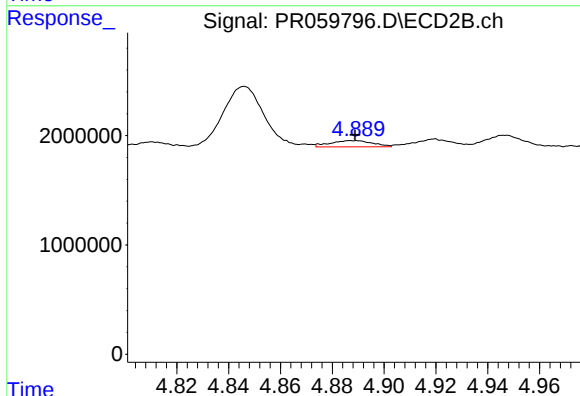
R.T.: 4.477 min
Delta R.T.: 0.000 min
Response: 1717137
Conc: 11.51 ng/ml



#25 AR-1248-5

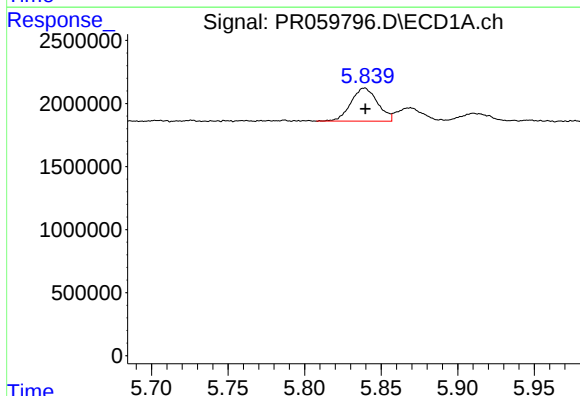
R.T.: 5.911 min
Delta R.T.: 0.000 min
Response: 859644
Conc: 9.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



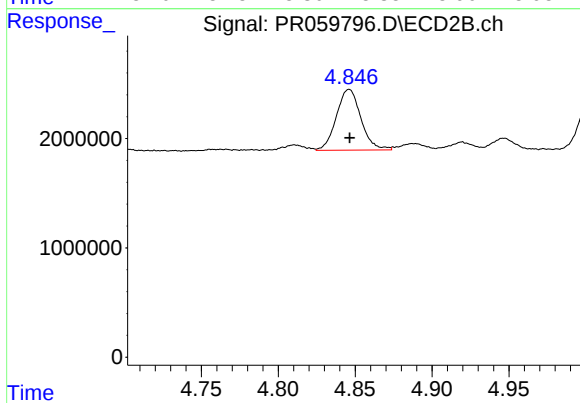
#25 AR-1248-5

R.T.: 4.888 min
Delta R.T.: 0.000 min
Response: 655057
Conc: 4.73 ng/ml



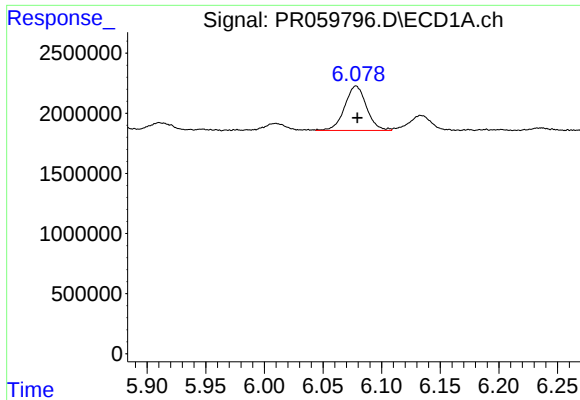
#26 AR-1254-1

R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 3179479
Conc: 34.15 ng/ml



#26 AR-1254-1

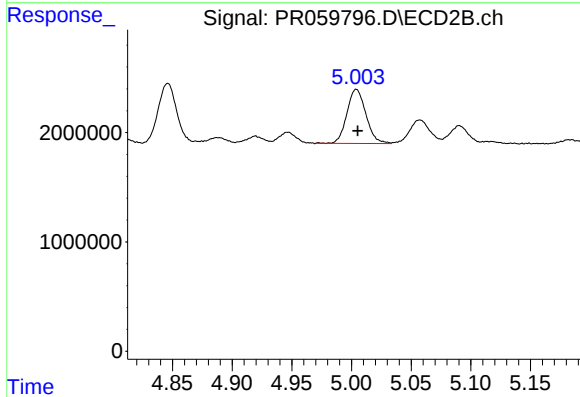
R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 6182963
Conc: 27.24 ng/ml



#27 AR-1254-2

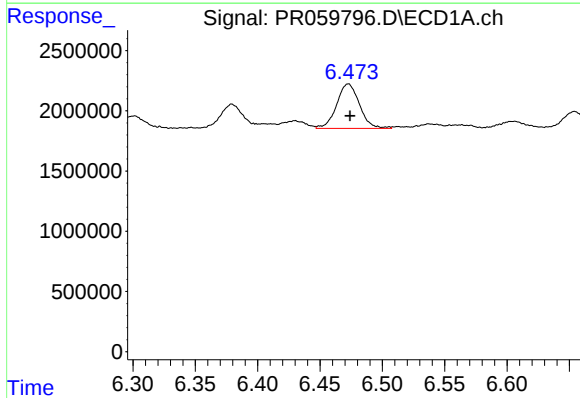
R.T.: 6.078 min
Delta R.T.: -0.001 min
Response: 4785439
Conc: 33.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



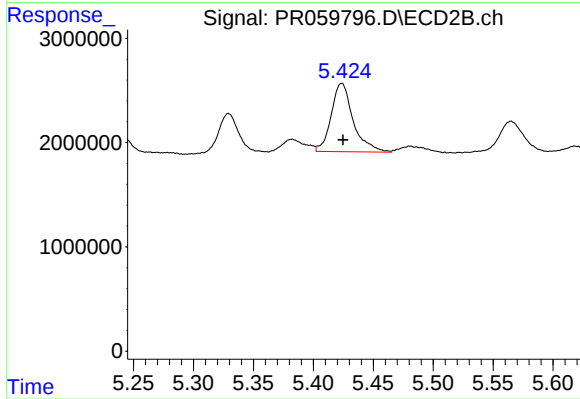
#27 AR-1254-2

R.T.: 5.004 min
Delta R.T.: -0.001 min
Response: 5478454
Conc: 28.11 ng/ml



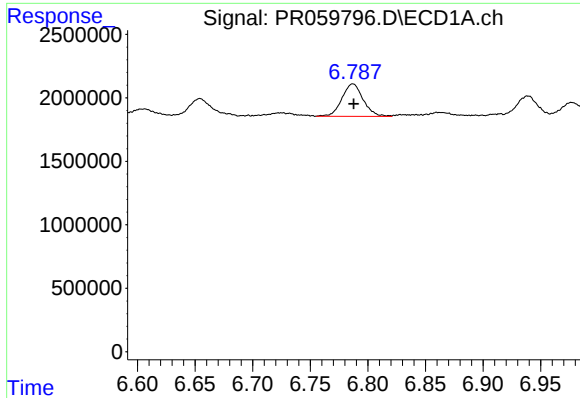
#28 AR-1254-3

R.T.: 6.473 min
Delta R.T.: -0.001 min
Response: 4687730
Conc: 31.92 ng/ml



#28 AR-1254-3

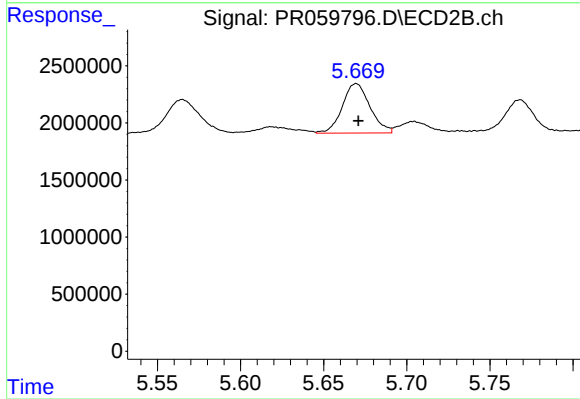
R.T.: 5.424 min
Delta R.T.: -0.001 min
Response: 8387666
Conc: 26.99 ng/ml



#29 AR-1254-4

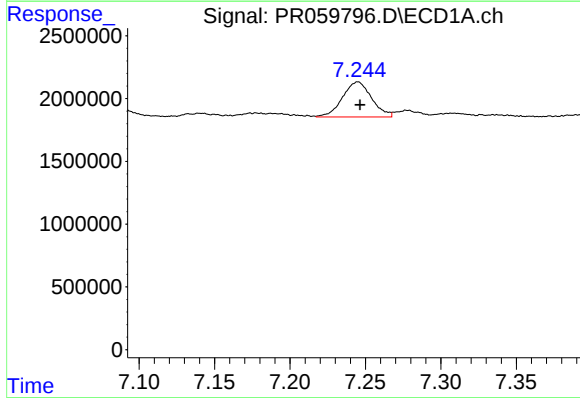
R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 3282916
Conc: 30.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



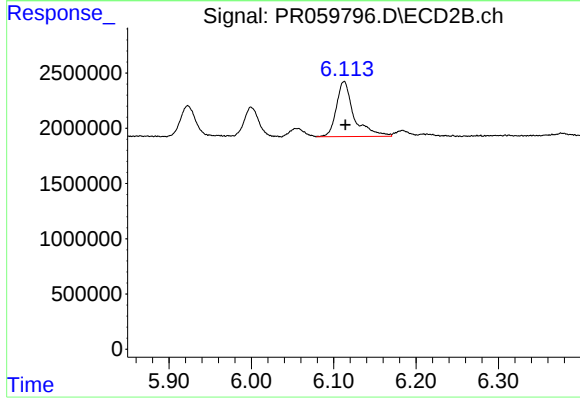
#29 AR-1254-4

R.T.: 5.670 min
Delta R.T.: -0.001 min
Response: 5028190
Conc: 27.87 ng/ml



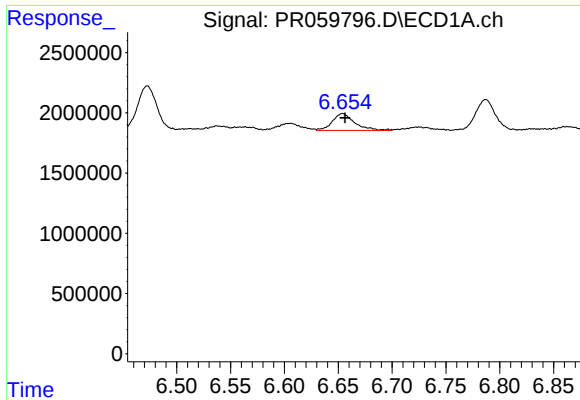
#30 AR-1254-5

R.T.: 7.245 min
Delta R.T.: -0.001 min
Response: 3746231
Conc: 31.49 ng/ml



#30 AR-1254-5

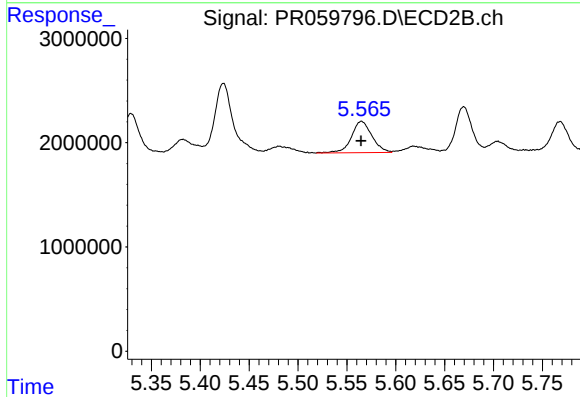
R.T.: 6.113 min
Delta R.T.: -0.001 min
Response: 7403519
Conc: 26.91 ng/ml



#31 AR-1260-1

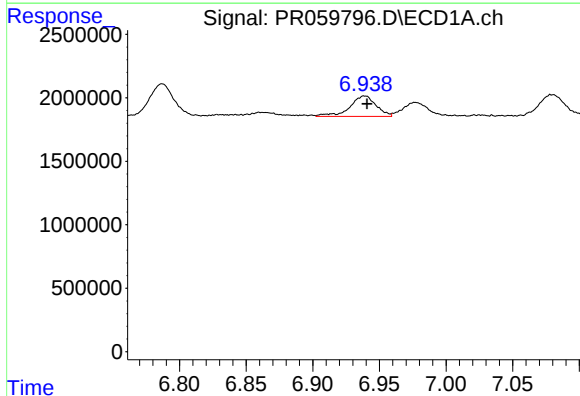
R.T.: 6.654 min
Delta R.T.: -0.002 min
Response: 2006253
Conc: 16.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



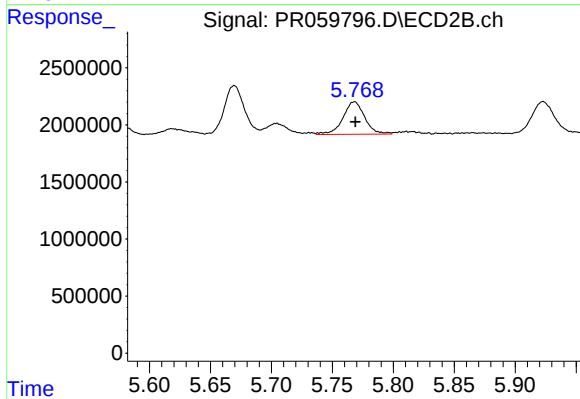
#31 AR-1260-1

R.T.: 5.565 min
Delta R.T.: 0.000 min
Response: 4411638
Conc: 19.20 ng/ml



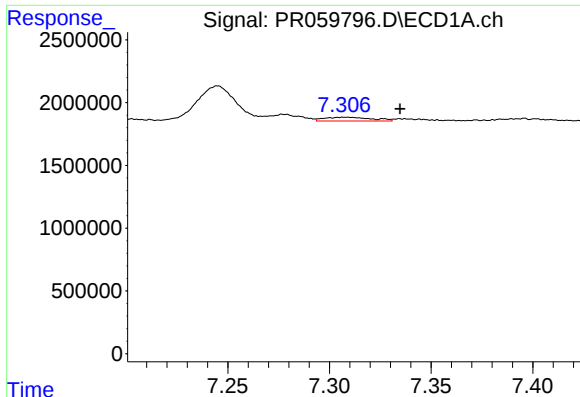
#32 AR-1260-2

R.T.: 6.939 min
Delta R.T.: -0.002 min
Response: 2197982
Conc: 15.79 ng/ml



#32 AR-1260-2

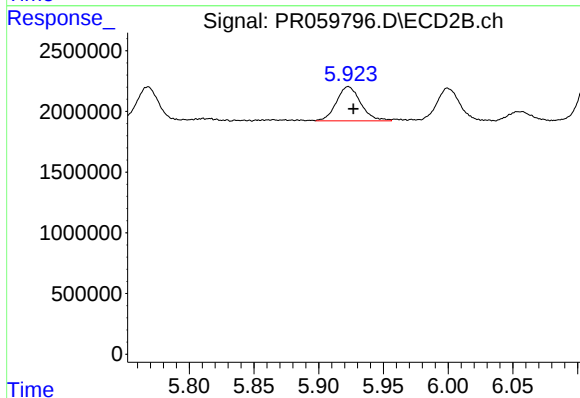
R.T.: 5.768 min
Delta R.T.: 0.000 min
Response: 3533992
Conc: 13.07 ng/ml



#33 AR-1260-3

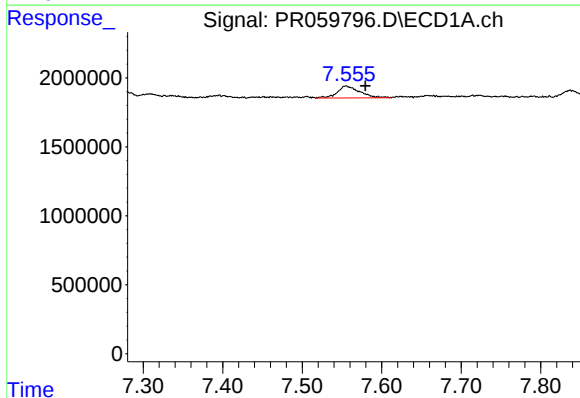
R.T.: 7.308 min
Delta R.T.: -0.026 min
Response: 481870
Conc: 4.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



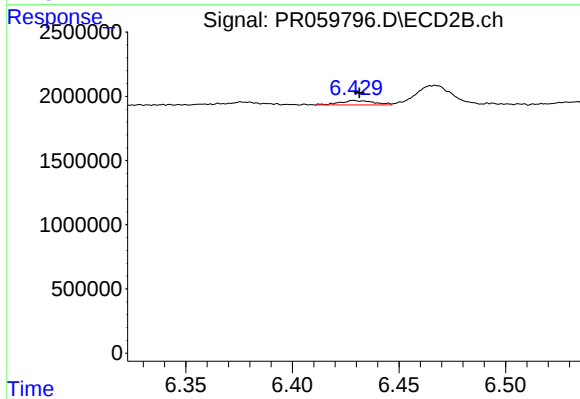
#33 AR-1260-3

R.T.: 5.923 min
Delta R.T.: -0.004 min
Response: 3678495
Conc: 14.31 ng/ml



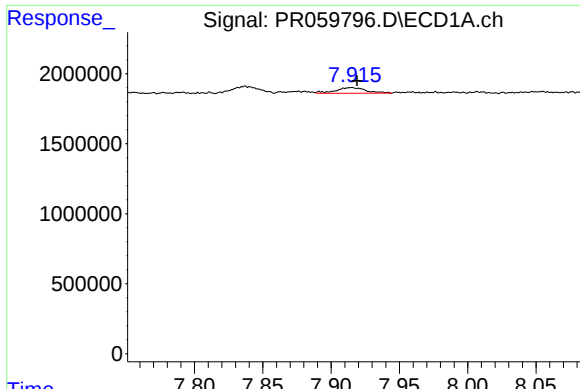
#34 AR-1260-4

R.T.: 7.555 min
Delta R.T.: -0.025 min
Response: 1699746
Conc: 13.85 ng/ml



#34 AR-1260-4

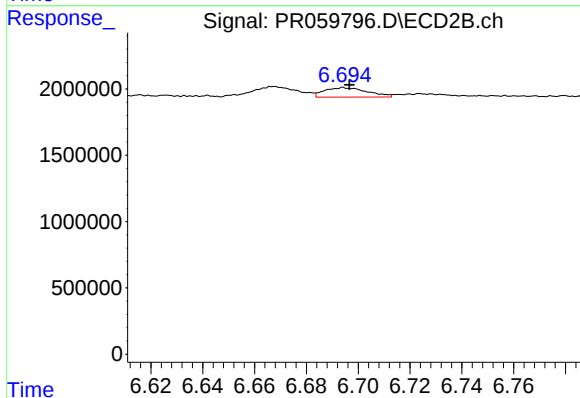
R.T.: 6.429 min
Delta R.T.: -0.002 min
Response: 389793
Conc: 1.83 ng/ml



#35 AR-1260-5

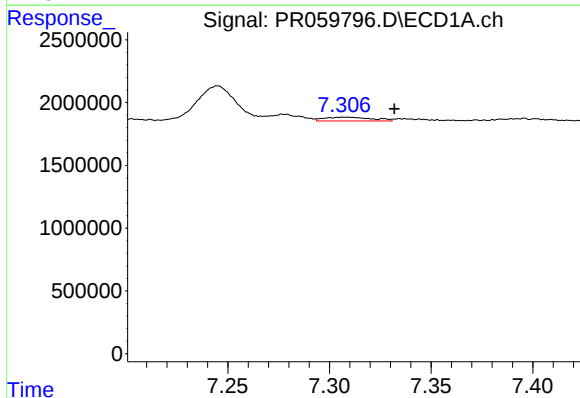
R.T.: 7.915 min
Delta R.T.: -0.004 min
Response: 637007
Conc: 2.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



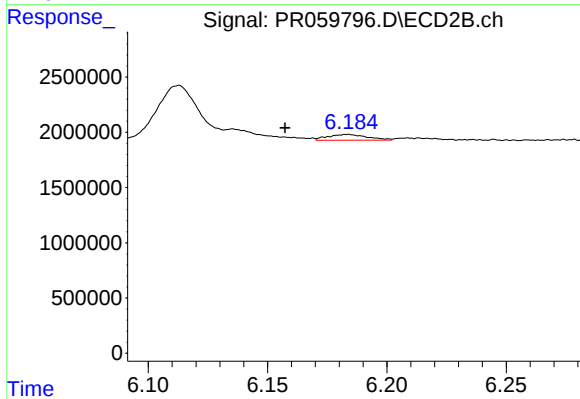
#35 AR-1260-5

R.T.: 6.694 min
Delta R.T.: -0.002 min
Response: 812850
Conc: 1.69 ng/ml



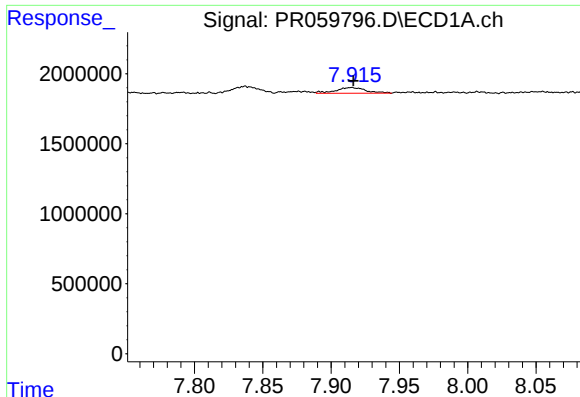
#36 AR-1262-1

R.T.: 7.308 min
Delta R.T.: -0.023 min
Response: 481870
Conc: 3.44 ng/ml



#36 AR-1262-1

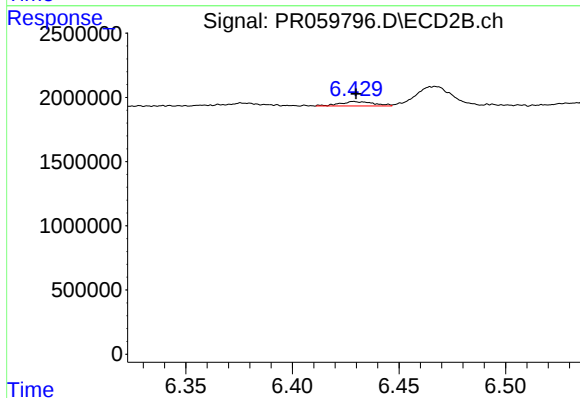
R.T.: 6.184 min
Delta R.T.: 0.026 min
Response: 588042
Conc: 2.03 ng/ml



#37 AR-1262-2

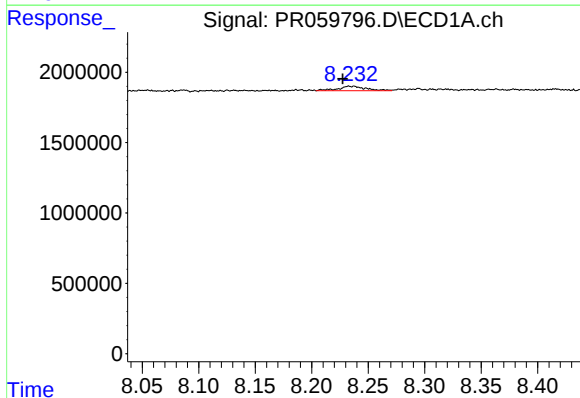
R.T.: 7.915 min
Delta R.T.: -0.002 min
Response: 637007
Conc: 2.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



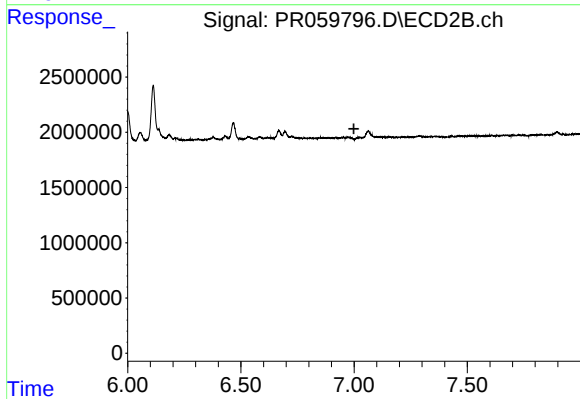
#37 AR-1262-2

R.T.: 6.429 min
Delta R.T.: 0.000 min
Response: 389793
Conc: 1.52 ng/ml



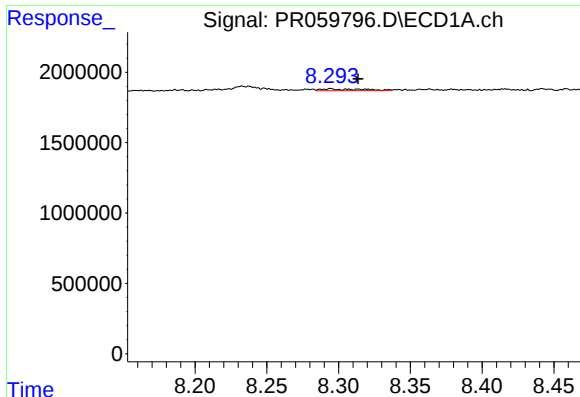
#38 AR-1262-3

R.T.: 8.237 min
Delta R.T.: 0.010 min
Response: 538938
Conc: 3.15 ng/ml



#38 AR-1262-3

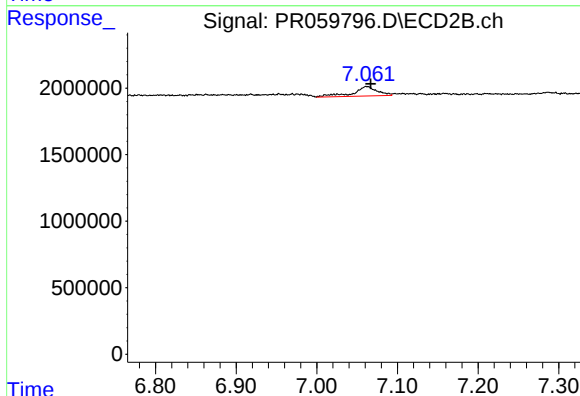
R.T.: 0.000 min
Exp R.T. : 6.999 min
Response: 0
Conc: N.D.



#39 AR-1262-4

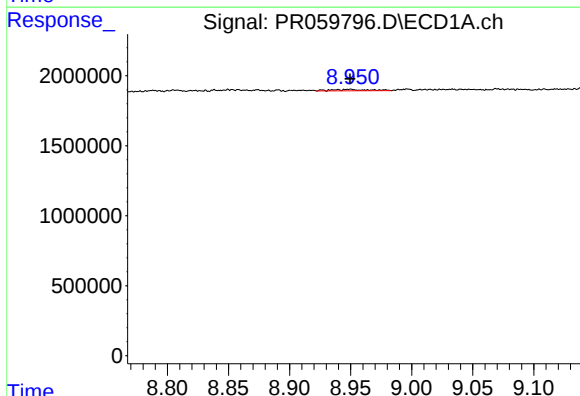
R.T.: 8.295 min
Delta R.T.: -0.019 min
Response: 268642
Conc: 2.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



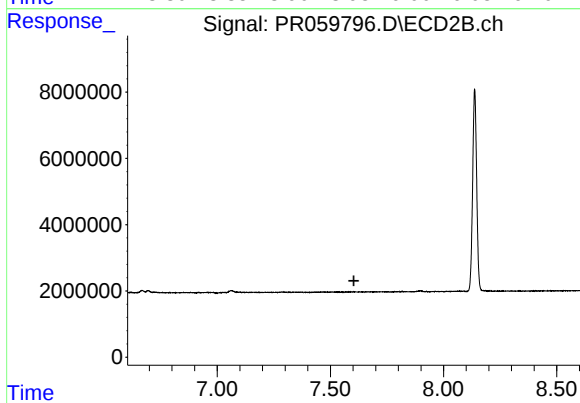
#39 AR-1262-4

R.T.: 7.062 min
Delta R.T.: -0.005 min
Response: 1483400
Conc: 4.06 ng/ml



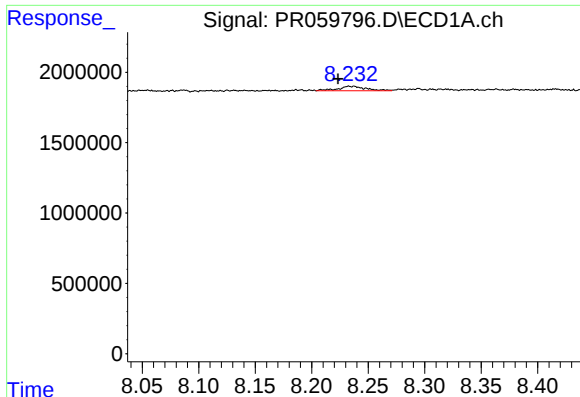
#40 AR-1262-5

R.T.: 8.949 min
Delta R.T.: 0.000 min
Response: 201317
Conc: 2.12 ng/ml



#40 AR-1262-5

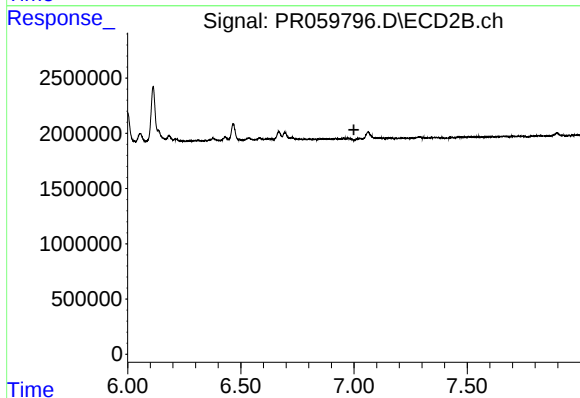
R.T.: 0.000 min
Exp R.T. : 7.604 min
Response: 0
Conc: N.D.



#41 AR-1268-1

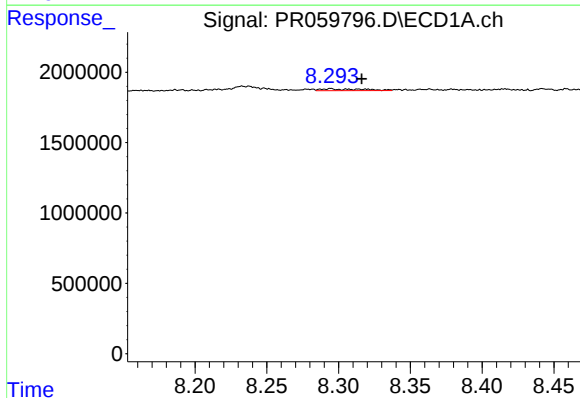
R.T.: 8.237 min
Delta R.T.: 0.014 min
Response: 538938
Conc: 1.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



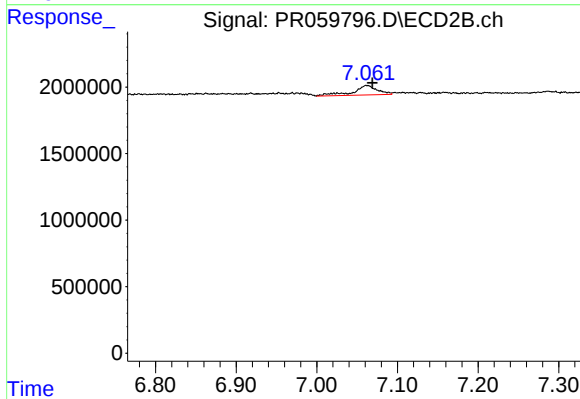
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.000 min
Response: 0
Conc: N.D.



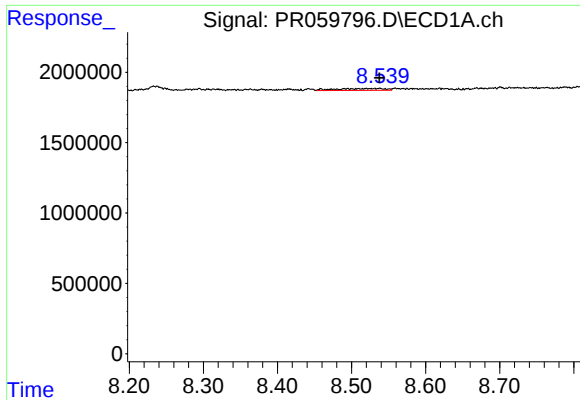
#42 AR-1268-2

R.T.: 8.295 min
Delta R.T.: -0.022 min
Response: 268642
Conc: 0.97 ng/ml



#42 AR-1268-2

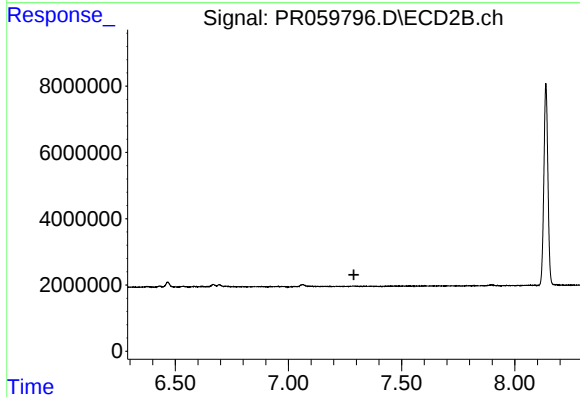
R.T.: 7.062 min
Delta R.T.: -0.007 min
Response: 1483400
Conc: 2.68 ng/ml



#43 AR-1268-3

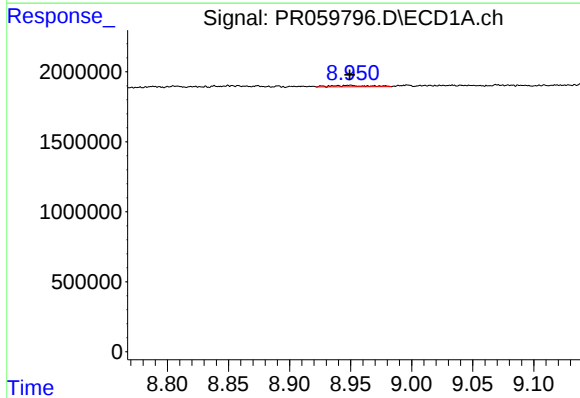
R.T.: 8.538 min
Delta R.T.: 0.000 min
Response: 603634
Conc: 2.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



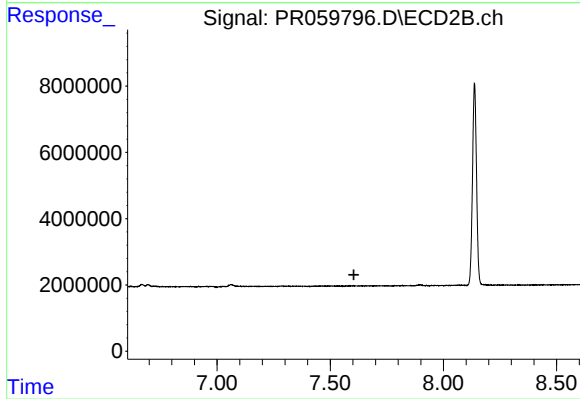
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.289 min
Response: 0
Conc: N.D.



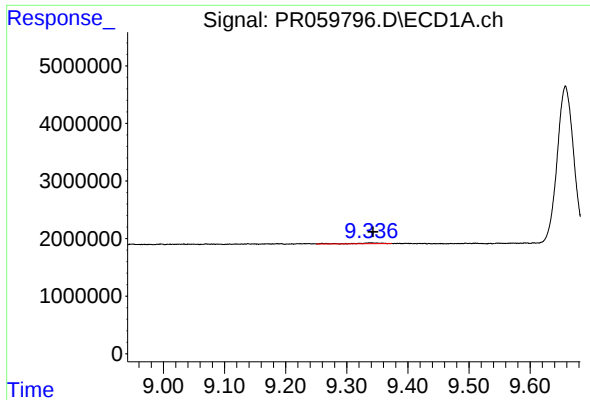
#44 AR-1268-4

R.T.: 8.949 min
Delta R.T.: 0.000 min
Response: 201317
Conc: 1.83 ng/ml



#44 AR-1268-4

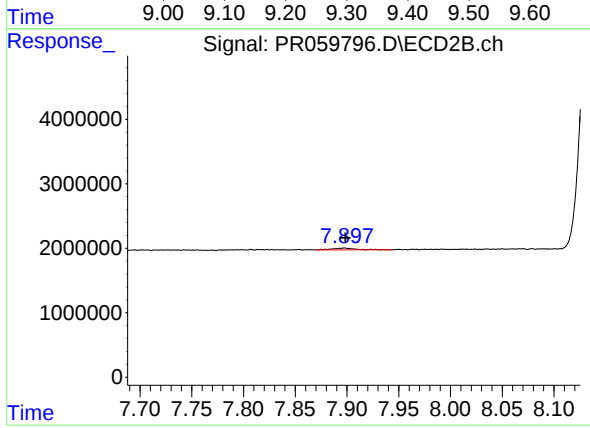
R.T.: 0.000 min
Exp R.T. : 7.605 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.339 min
Delta R.T.: -0.004 min
Response: 414369
Conc: 0.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.897 min
Delta R.T.: 0.000 min
Response: 417025
Conc: 0.28 ng/ml