

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0033123\
 Data File : P0093684.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2023 15:26
 Operator : YP/AJ
 Sample : 02127-05 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 31 22:11:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0031323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 14 05:32:59 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.422	3.628	7116516	2419824	2.273	2.145
2)	SA Decachlor...	10.247	8.651	4987976	1991048	2.305	2.033
Target Compounds							
3)	L1 AR-1016-1	5.611	0.000	203551	0	2.130	N.D. #
4)	L1 AR-1016-2	5.627	0.000	382478	0	2.679	N.D. #
5)	L1 AR-1016-3	5.683	0.000	294686	0	3.248	N.D. #
6)	L1 AR-1016-4	5.780	0.000	80740	0	1.192	N.D. #
7)	L1 AR-1016-5	6.086	0.000	580904	0	7.759	N.D. #
8)	L2 AR-1221-1	4.625	0.000	36278	0	0.897	N.D. #
9)	L2 AR-1221-2	4.727	0.000	92987	0	3.068	N.D. #
10)	L2 AR-1221-3	4.809	0.000	374193	0	4.093	N.D. #
11)	L3 AR-1232-1	4.809	0.000	374193	0	5.125	N.D. #
12)	L3 AR-1232-2	5.333	0.000	138371	0	3.848	N.D. #
13)	L3 AR-1232-3	5.627	0.000	382478	0	5.842	N.D. #
14)	L3 AR-1232-4	5.780	0.000	80740	0	2.637	N.D. #
15)	L3 AR-1232-5	5.880	0.000	34507	0	1.244	N.D. #
16)	L4 AR-1242-1	5.611	0.000	203551	0	2.483	N.D. #
17)	L4 AR-1242-2	5.627	0.000	382478	0	3.187	N.D. #
18)	L4 AR-1242-3	5.683	0.000	294686	0	3.840	N.D. #
19)	L4 AR-1242-4	5.780	0.000	80740	0	1.409	N.D. #
20)	L4 AR-1242-5	6.546	0.000	727335	0	11.639	N.D. #
21)	L5 AR-1248-1	5.601	0.000	132732	0	2.135	N.D. #
22)	L5 AR-1248-2	5.880	0.000	34507	0	0.361	N.D. #
23)	L5 AR-1248-3	6.086	0.000	580904	0	5.582	N.D. #
24)	L5 AR-1248-4	6.491	0.000	566602	0	5.564	N.D. #
25)	L5 AR-1248-5	6.546	0.000	727335	0	7.106	N.D. #
26)	L6 AR-1254-1	6.462	0.000	389797	0	3.336	N.D. #
27)	L6 AR-1254-2	6.681	0.000	583310	0	3.414	N.D. #
28)	L6 AR-1254-3	7.049	0.000	1332744	0	8.017	N.D. #
29)	L6 AR-1254-4	7.339	0.000	483585	0	4.537	N.D. #
30)	L6 AR-1254-5	7.768	0.000	2901261	0	21.426	N.D. #
31)	L7 AR-1260-1	7.215	0.000	160227	0	1.237	N.D. #
32)	L7 AR-1260-2	7.492	0.000	357130	0	2.419	N.D. #
33)	L7 AR-1260-3	7.846	0.000	449802	0	3.999	N.D. #
34)	L7 AR-1260-4	8.103	0.000	933969	0	7.283	N.D. #
35)	L7 AR-1260-5	8.388	0.000	821879	0	3.678	N.D. #
36)	L8 AR-1262-1	7.768	0.000	2901261	0	29.187	N.D. #
37)	L8 AR-1262-2	8.388	0.000	821879	0	3.463	N.D. #
38)	L8 AR-1262-3	8.705	0.000	603158	0	3.571	N.D. #
39)	L8 AR-1262-4	8.805	0.000	231802	0	2.588	N.D. #
40)	L8 AR-1262-5	9.510	0.000	18827	0	0.197	N.D. #
41)	L9 AR-1268-1	8.705	0.000	603158	0	1.889	N.D. #

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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 31 22:11:19 2023
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 Integrator: ChemStation

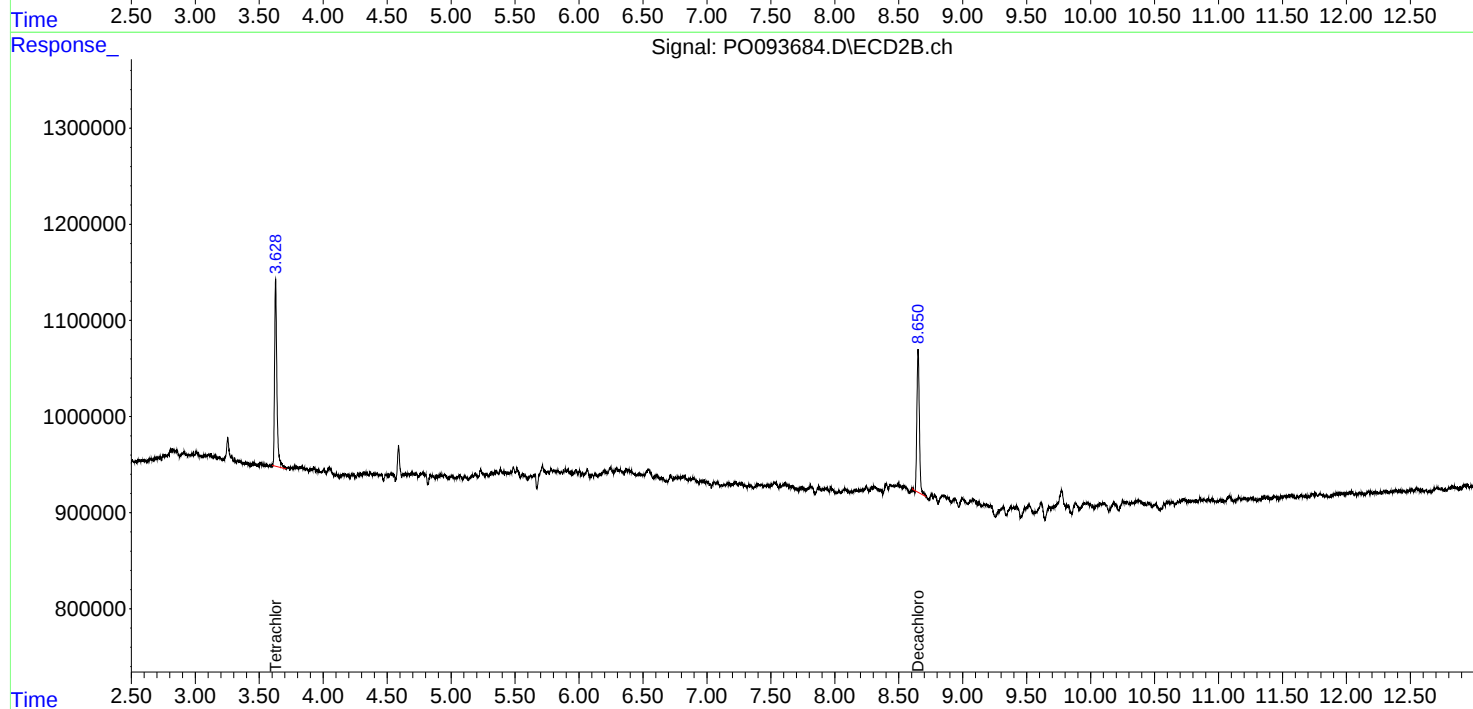
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

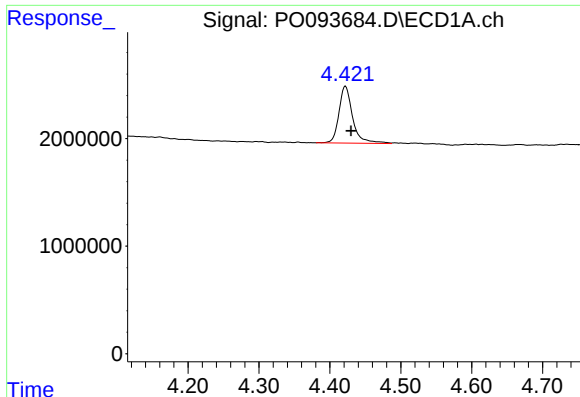
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
42)	L9 AR-1268-2	8.805	0.000	231802	0	0.798	N.D.	#
43)	L9 AR-1268-3	9.046	0.000	115023	0	0.451	N.D.	#
44)	L9 AR-1268-4	9.510	0.000	18827	0	0.176	N.D.	#
45)	L9 AR-1268-5	9.916	0.000	120340	0	0.150	N.D.	#

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

Instrument :
ECD_O
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

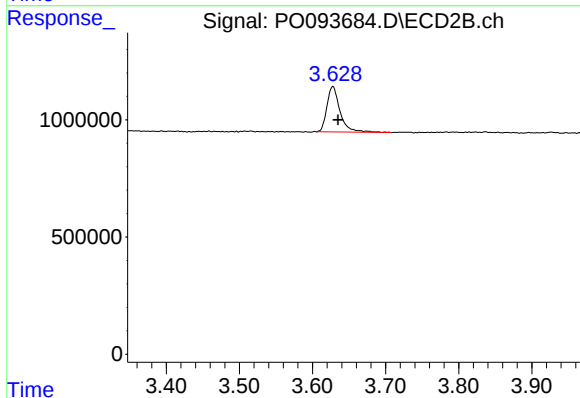




#1 Tetrachloro-m-xylene

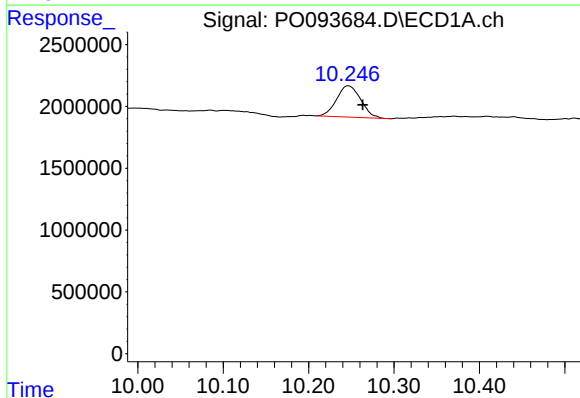
R.T.: 4.422 min
Delta R.T.: -0.008 min
Response: 7116516
Conc: 2.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



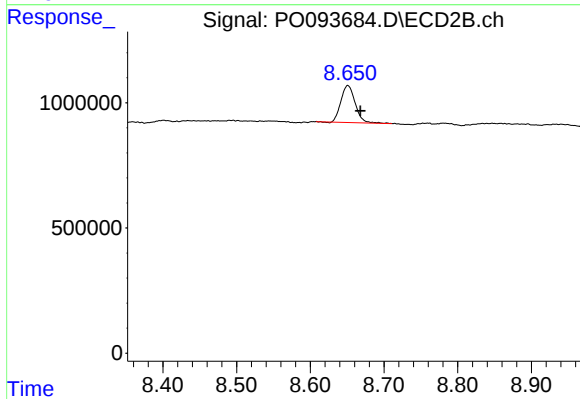
#1 Tetrachloro-m-xylene

R.T.: 3.628 min
Delta R.T.: -0.007 min
Response: 2419824
Conc: 2.15 ng/ml



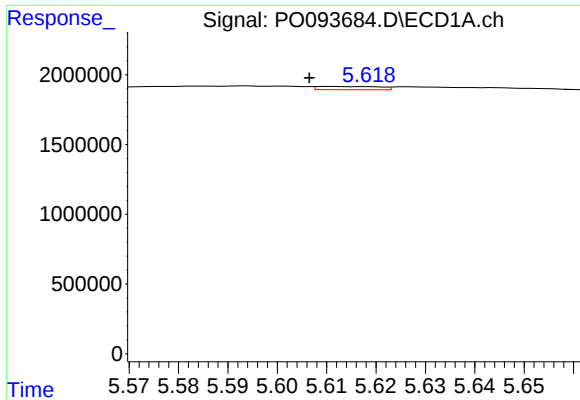
#2 Decachlorobiphenyl

R.T.: 10.247 min
Delta R.T.: -0.017 min
Response: 4987976
Conc: 2.30 ng/ml



#2 Decachlorobiphenyl

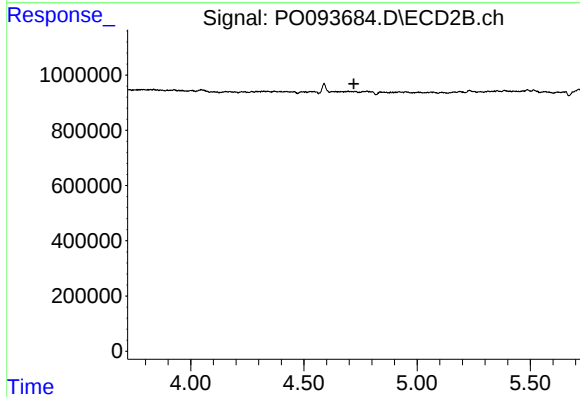
R.T.: 8.651 min
Delta R.T.: -0.017 min
Response: 1991048
Conc: 2.03 ng/ml



#3 AR-1016-1

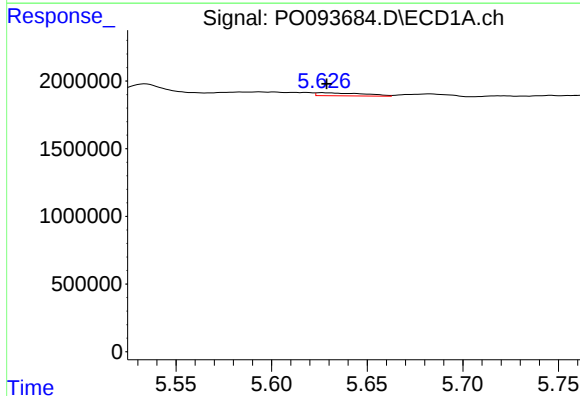
R.T.: 5.611 min
Delta R.T.: 0.005 min
Response: 203551
Conc: 2.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



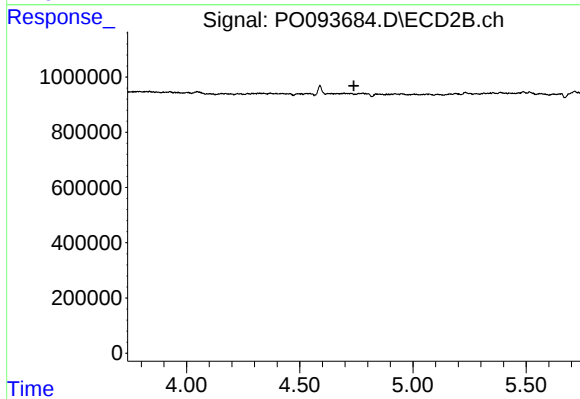
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.721 min
Response: 0
Conc: N.D.



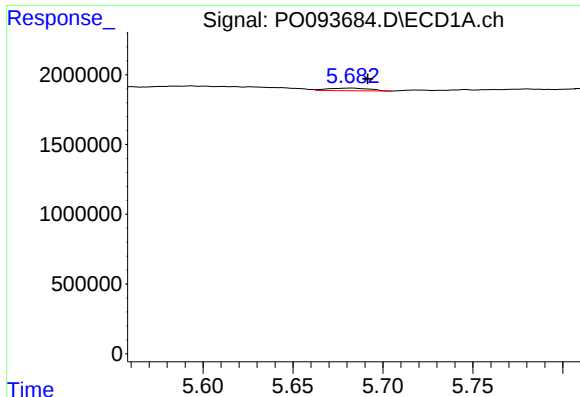
#4 AR-1016-2

R.T.: 5.627 min
Delta R.T.: -0.002 min
Response: 382478
Conc: 2.68 ng/ml



#4 AR-1016-2

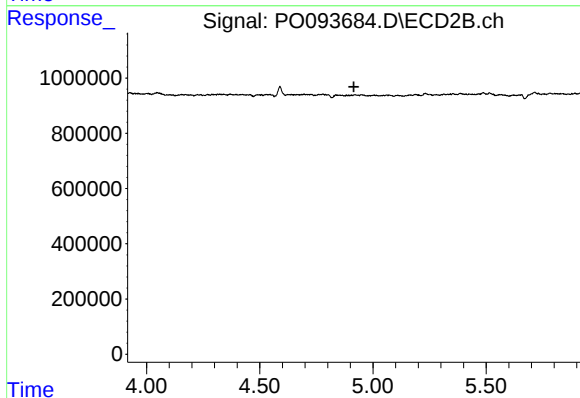
R.T.: 0.000 min
Exp R.T. : 4.739 min
Response: 0
Conc: N.D.



#5 AR-1016-3

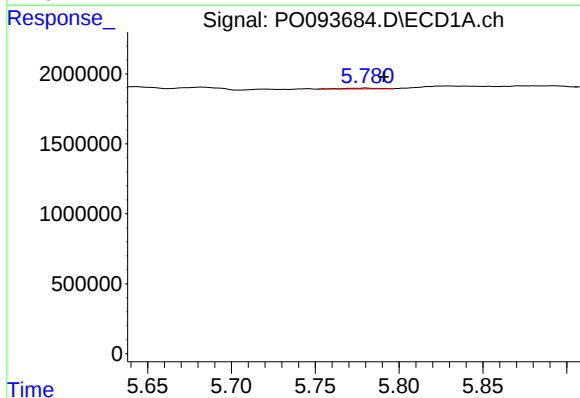
R.T.: 5.683 min
Delta R.T.: -0.009 min
Response: 294686
Conc: 3.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



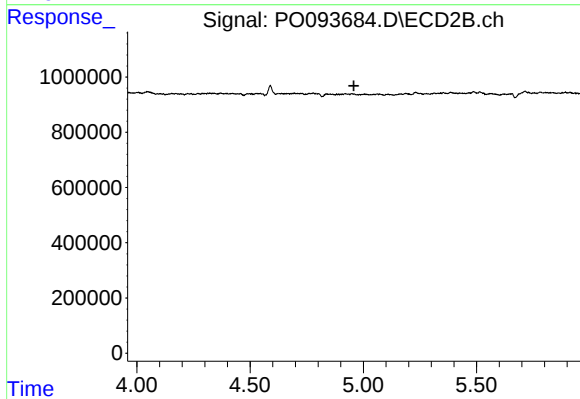
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.916 min
Response: 0
Conc: N.D.



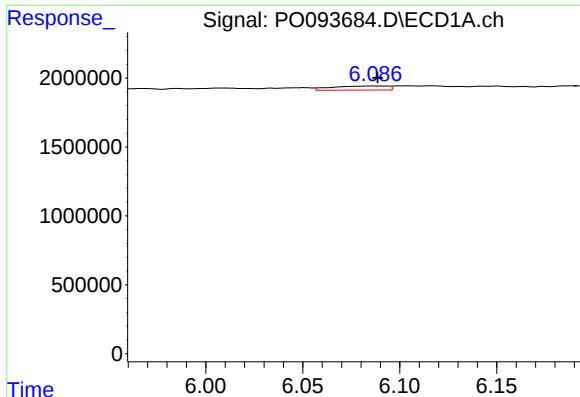
#6 AR-1016-4

R.T.: 5.780 min
Delta R.T.: -0.011 min
Response: 80740
Conc: 1.19 ng/ml



#6 AR-1016-4

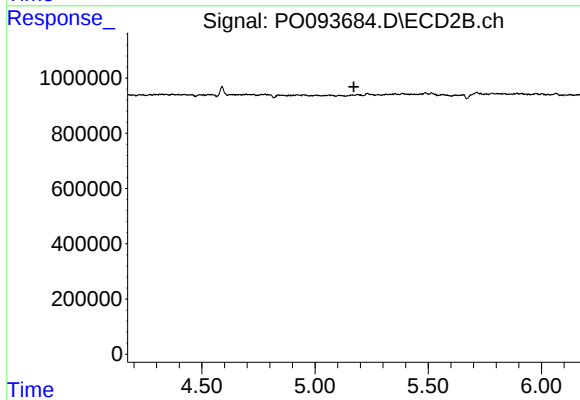
R.T.: 0.000 min
Exp R.T. : 4.958 min
Response: 0
Conc: N.D.



#7 AR-1016-5

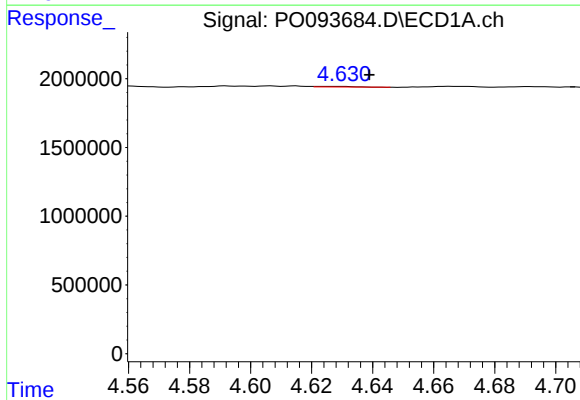
R.T.: 6.086 min
Delta R.T.: -0.002 min
Response: 580904
Conc: 7.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



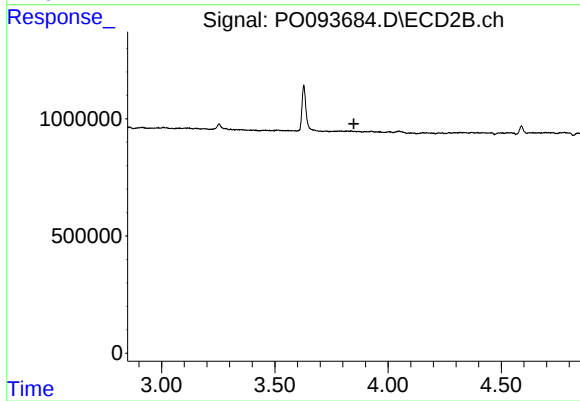
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.171 min
Response: 0
Conc: N.D.



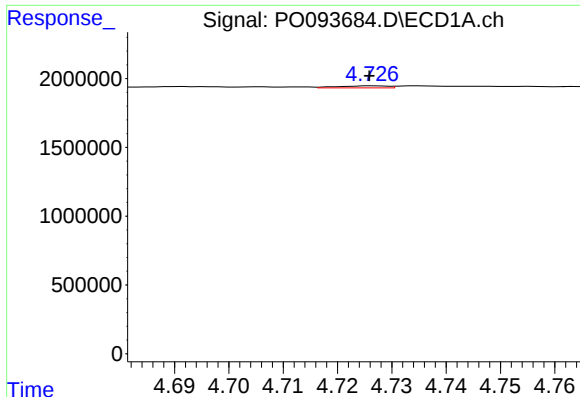
#8 AR-1221-1

R.T.: 4.625 min
Delta R.T.: -0.014 min
Response: 36278
Conc: 0.90 ng/ml



#8 AR-1221-1

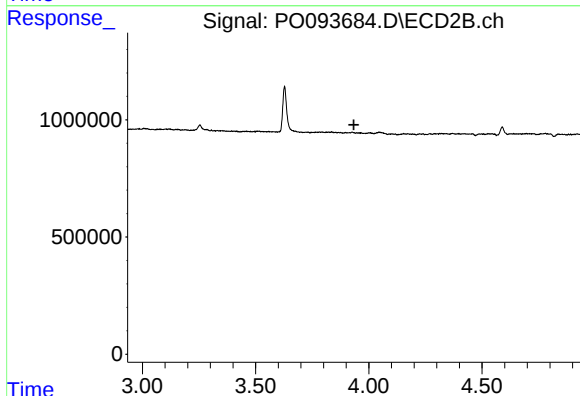
R.T.: 0.000 min
Exp R.T. : 3.849 min
Response: 0
Conc: N.D.



#9 AR-1221-2

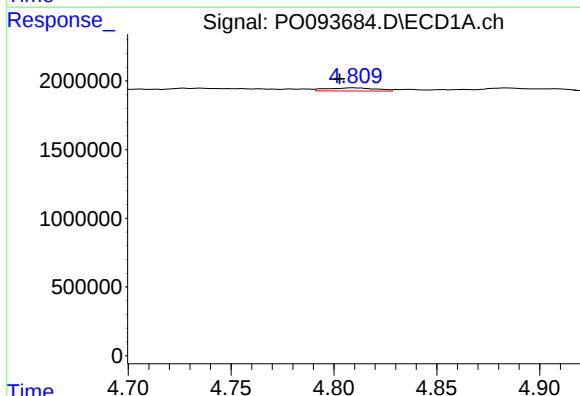
R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 92987
Conc: 3.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



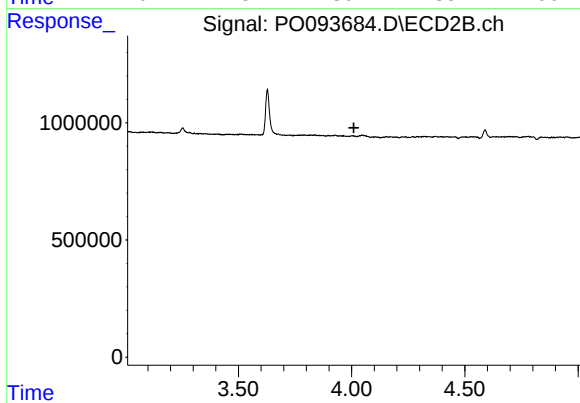
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.934 min
Response: 0
Conc: N.D.



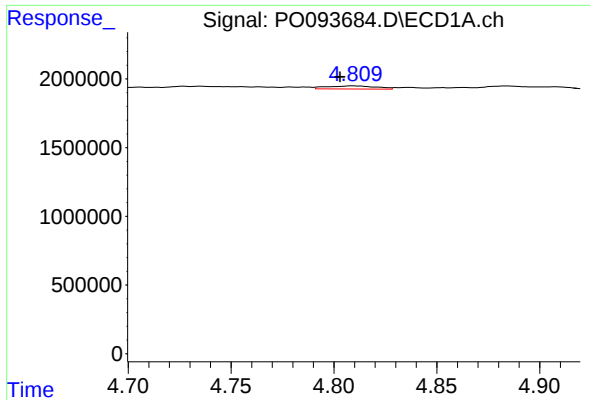
#10 AR-1221-3

R.T.: 4.809 min
Delta R.T.: 0.007 min
Response: 374193
Conc: 4.09 ng/ml



#10 AR-1221-3

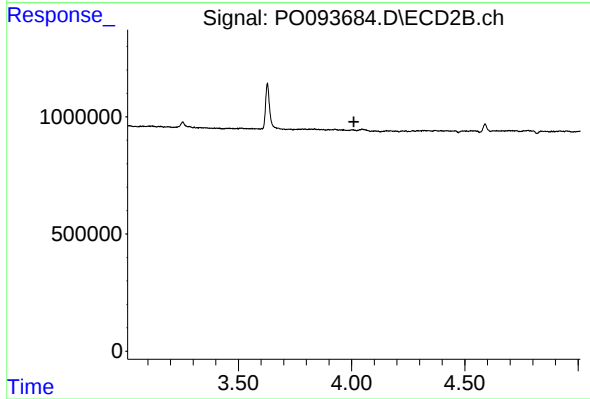
R.T.: 0.000 min
Exp R.T. : 4.010 min
Response: 0
Conc: N.D.



#11 AR-1232-1

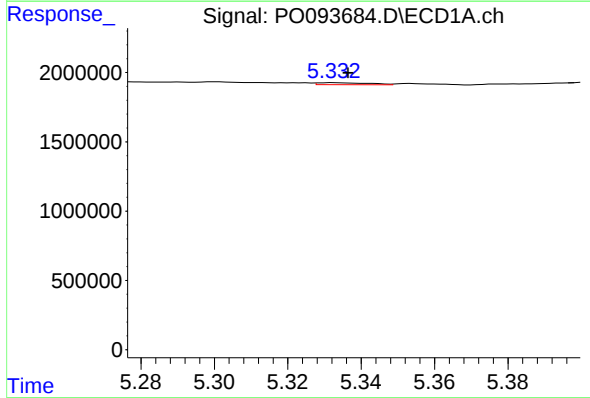
R.T.: 4.809 min
Delta R.T.: 0.007 min
Response: 374193
Conc: 5.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



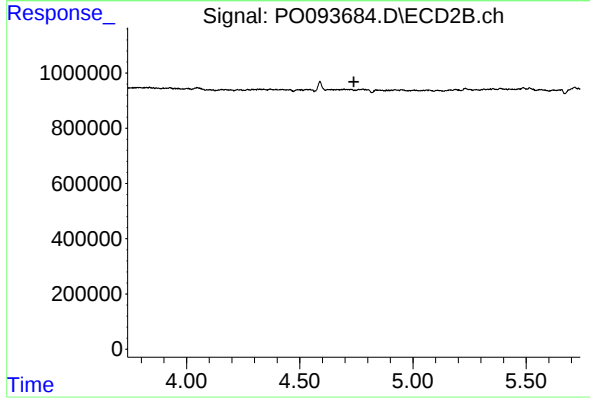
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.010 min
Response: 0
Conc: N.D.



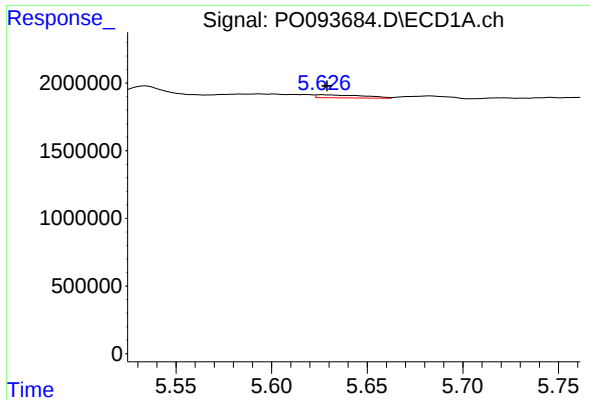
#12 AR-1232-2

R.T.: 5.333 min
Delta R.T.: -0.004 min
Response: 138371
Conc: 3.85 ng/ml



#12 AR-1232-2

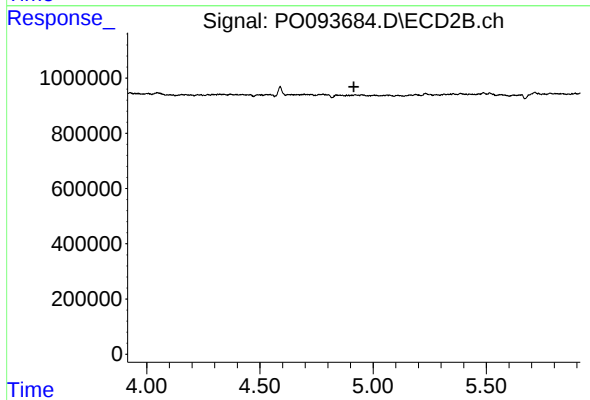
R.T.: 0.000 min
Exp R.T. : 4.739 min
Response: 0
Conc: N.D.



#13 AR-1232-3

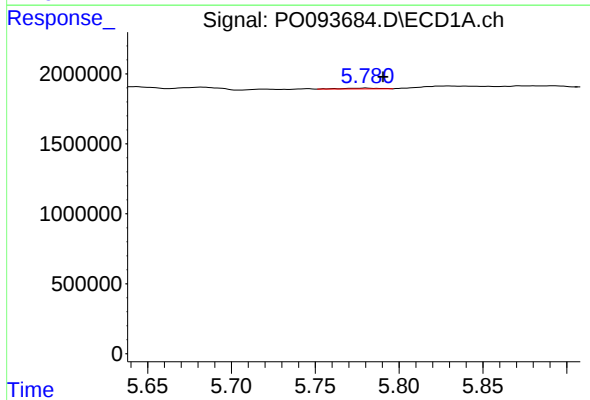
R.T.: 5.627 min
Delta R.T.: -0.002 min
Response: 382478
Conc: 5.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



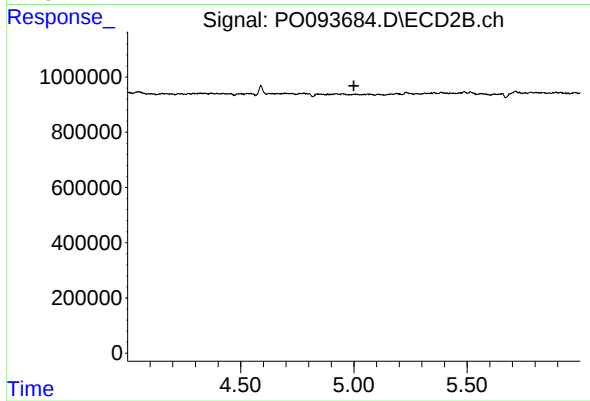
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.915 min
Response: 0
Conc: N.D.



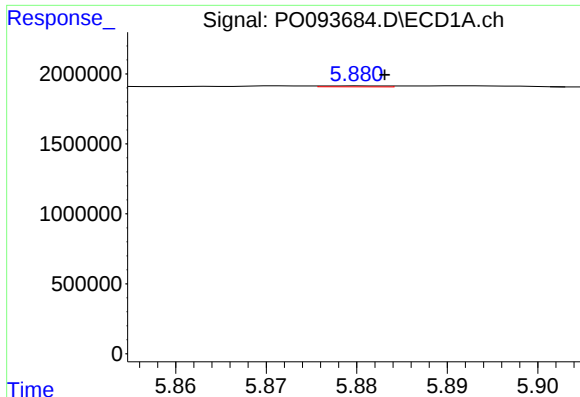
#14 AR-1232-4

R.T.: 5.780 min
Delta R.T.: -0.010 min
Response: 80740
Conc: 2.64 ng/ml



#14 AR-1232-4

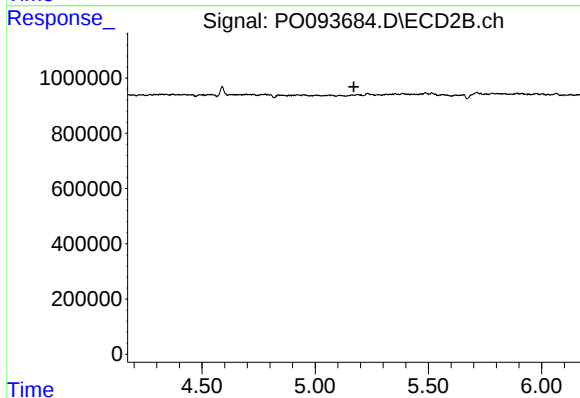
R.T.: 0.000 min
Exp R.T. : 5.000 min
Response: 0
Conc: N.D.



#15 AR-1232-5

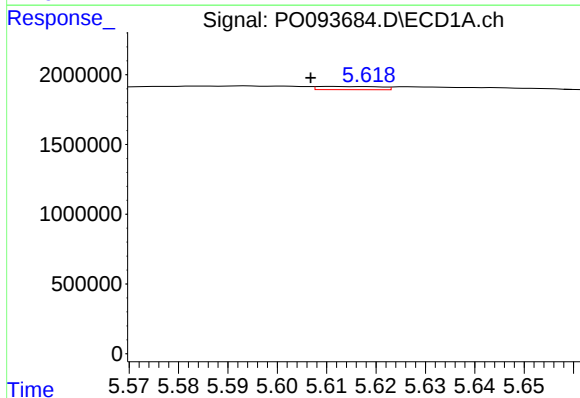
R.T.: 5.880 min
Delta R.T.: -0.003 min
Response: 34507
Conc: 1.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



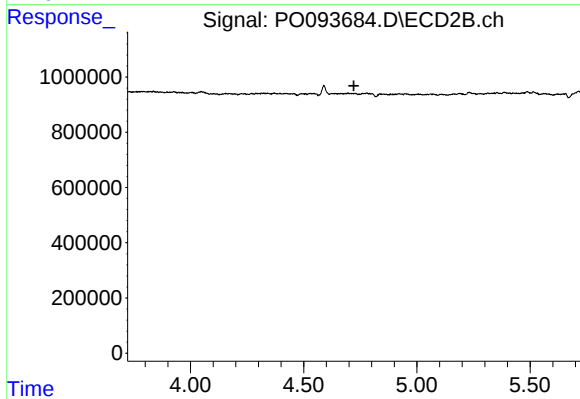
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.171 min
Response: 0
Conc: N.D.



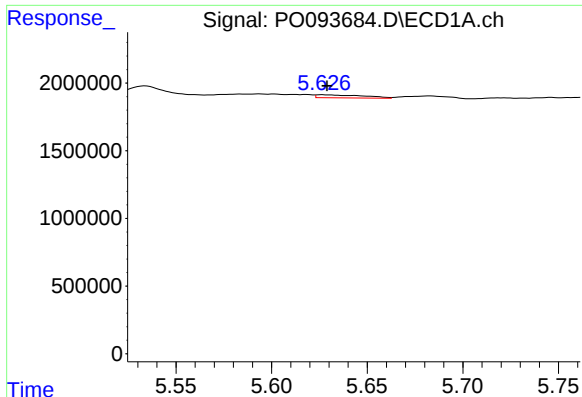
#16 AR-1242-1

R.T.: 5.611 min
Delta R.T.: 0.004 min
Response: 203551
Conc: 2.48 ng/ml



#16 AR-1242-1

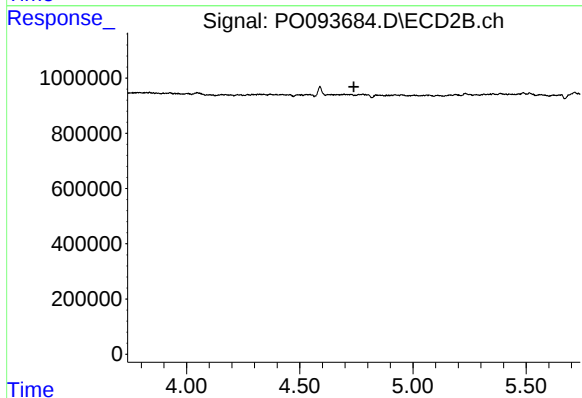
R.T.: 0.000 min
Exp R.T. : 4.721 min
Response: 0
Conc: N.D.



#17 AR-1242-2

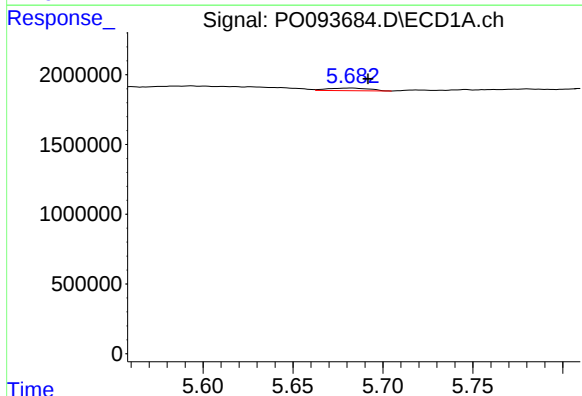
R.T.: 5.627 min
Delta R.T.: -0.002 min
Response: 382478
Conc: 3.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



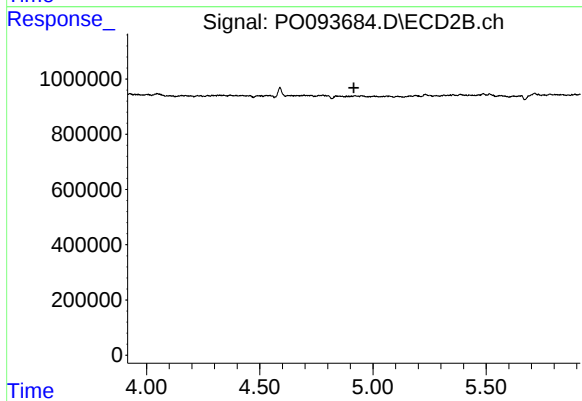
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.739 min
Response: 0
Conc: N.D.



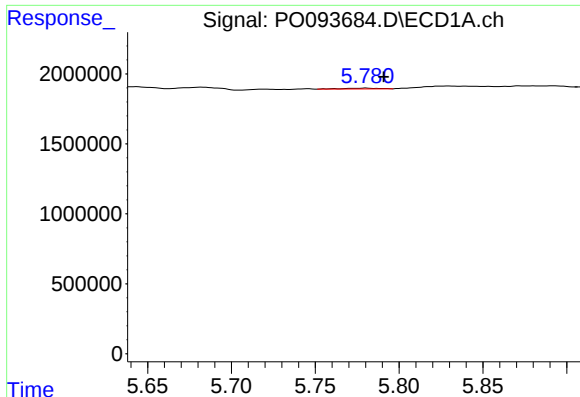
#18 AR-1242-3

R.T.: 5.683 min
Delta R.T.: -0.009 min
Response: 294686
Conc: 3.84 ng/ml



#18 AR-1242-3

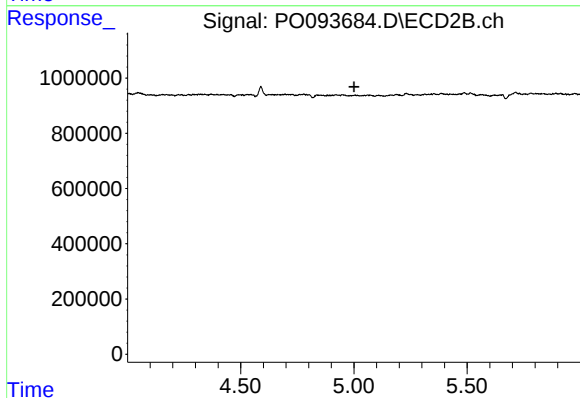
R.T.: 0.000 min
Exp R.T. : 4.916 min
Response: 0
Conc: N.D.



#19 AR-1242-4

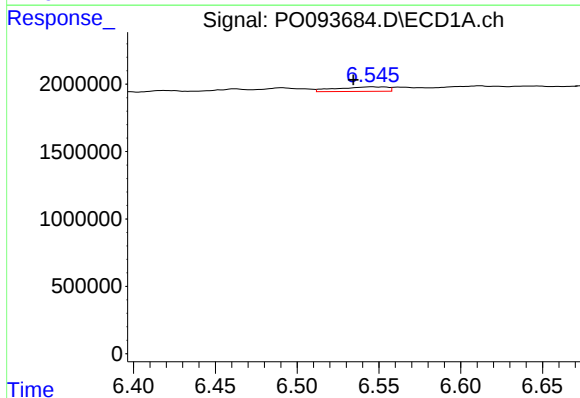
R.T.: 5.780 min
Delta R.T.: -0.011 min
Response: 80740
Conc: 1.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



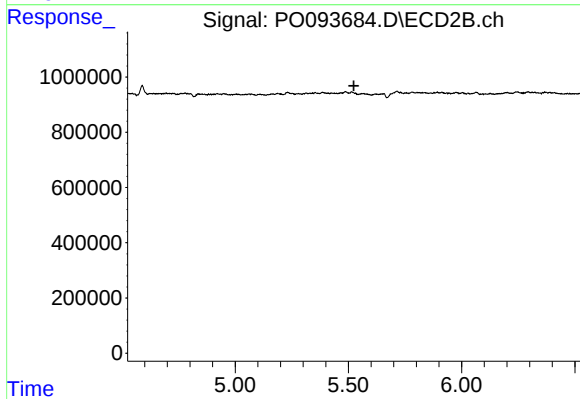
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.000 min
Response: 0
Conc: N.D.



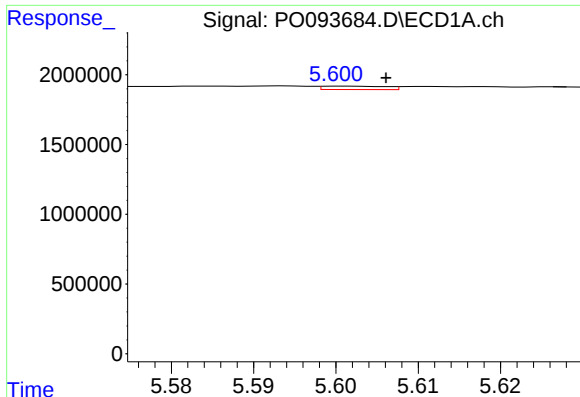
#20 AR-1242-5

R.T.: 6.546 min
Delta R.T.: 0.011 min
Response: 727335
Conc: 11.64 ng/ml



#20 AR-1242-5

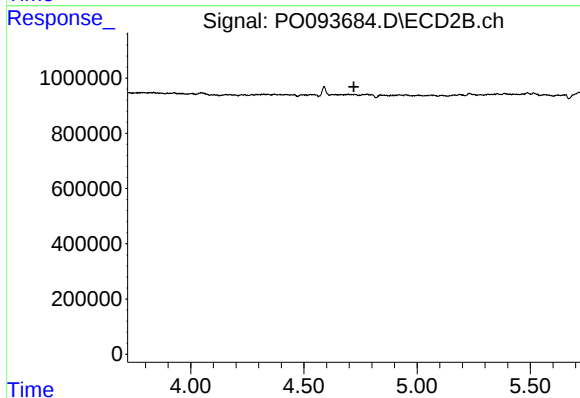
R.T.: 0.000 min
Exp R.T. : 5.524 min
Response: 0
Conc: N.D.



#21 AR-1248-1

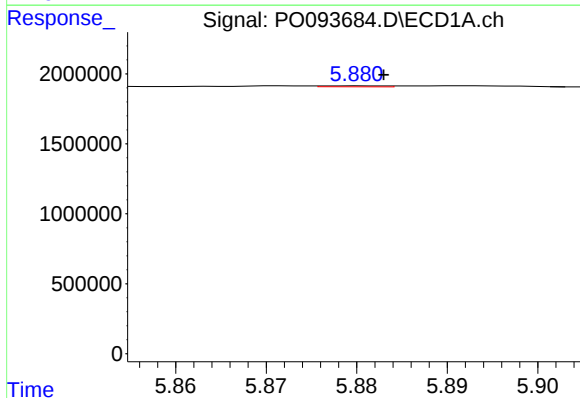
R.T.: 5.601 min
Delta R.T.: -0.005 min
Response: 132732
Conc: 2.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



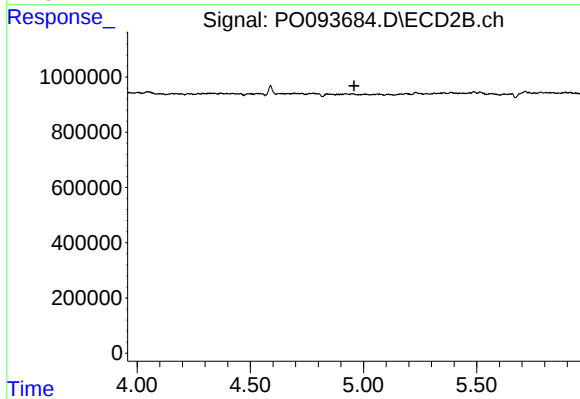
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.721 min
Response: 0
Conc: N.D.



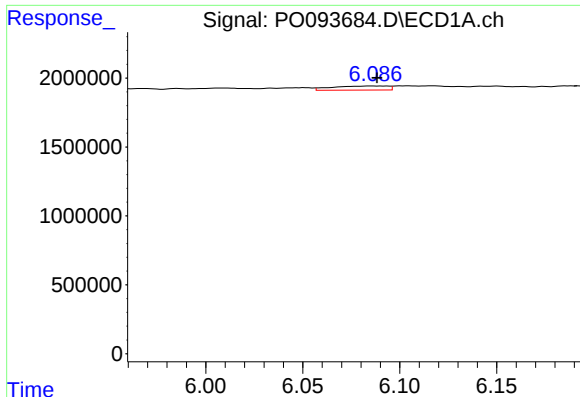
#22 AR-1248-2

R.T.: 5.880 min
Delta R.T.: -0.003 min
Response: 34507
Conc: 0.36 ng/ml



#22 AR-1248-2

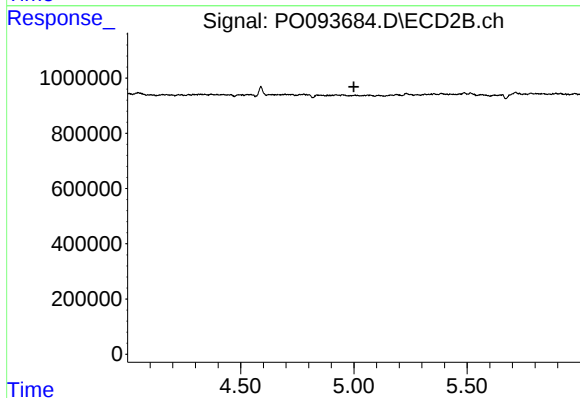
R.T.: 0.000 min
Exp R.T. : 4.958 min
Response: 0
Conc: N.D.



#23 AR-1248-3

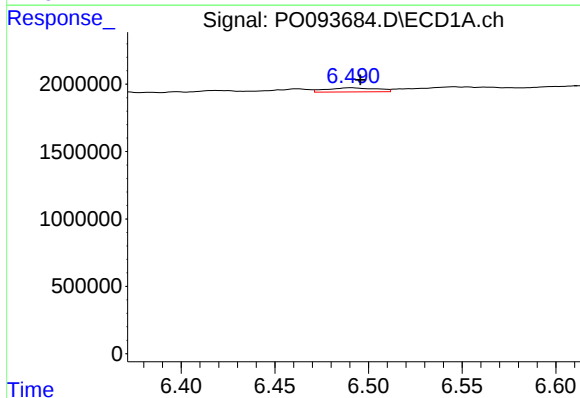
R.T.: 6.086 min
Delta R.T.: -0.002 min
Response: 580904
Conc: 5.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



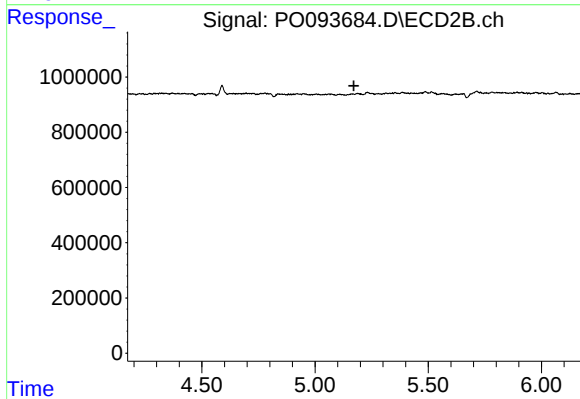
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.000 min
Response: 0
Conc: N.D.



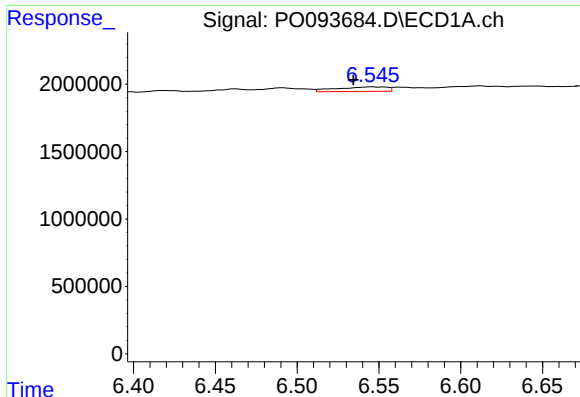
#24 AR-1248-4

R.T.: 6.491 min
Delta R.T.: -0.005 min
Response: 566602
Conc: 5.56 ng/ml



#24 AR-1248-4

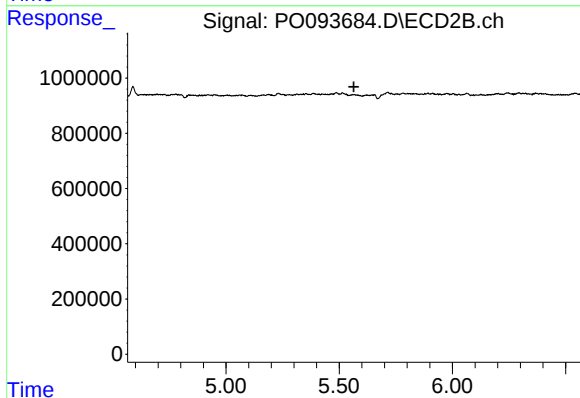
R.T.: 0.000 min
Exp R.T. : 5.172 min
Response: 0
Conc: N.D.



#25 AR-1248-5

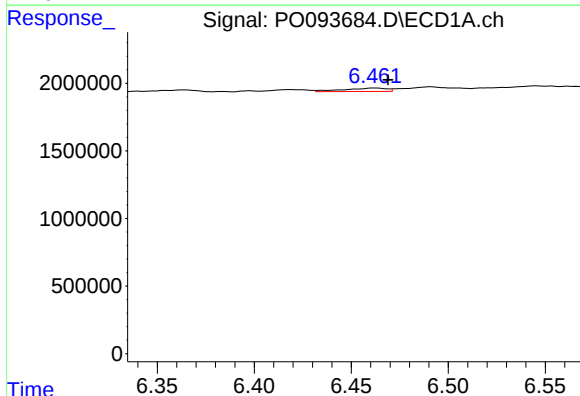
R.T.: 6.546 min
Delta R.T.: 0.011 min
Response: 727335
Conc: 7.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



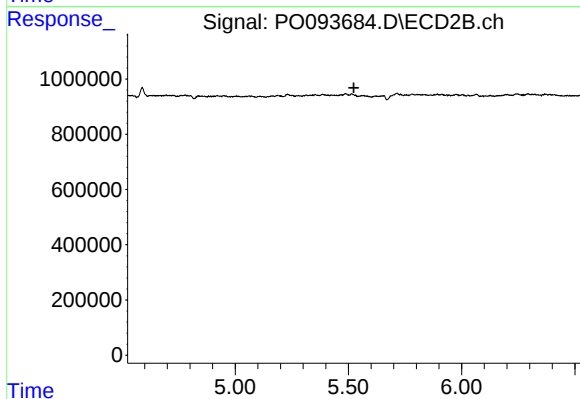
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.565 min
Response: 0
Conc: N.D.



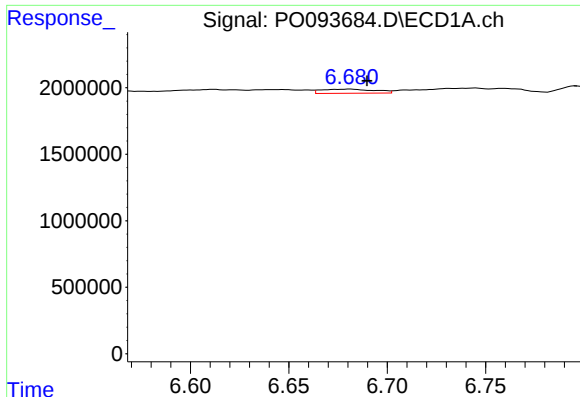
#26 AR-1254-1

R.T.: 6.462 min
Delta R.T.: -0.007 min
Response: 389797
Conc: 3.34 ng/ml



#26 AR-1254-1

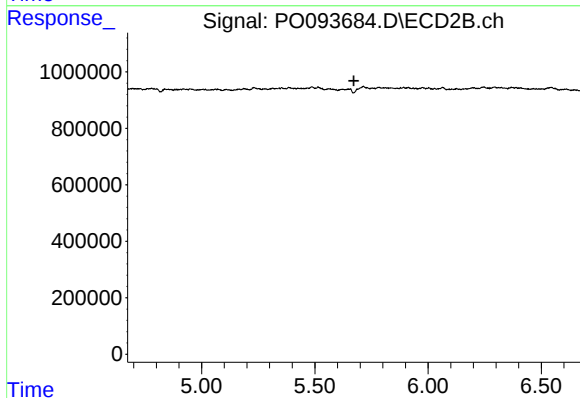
R.T.: 0.000 min
Exp R.T. : 5.524 min
Response: 0
Conc: N.D.



#27 AR-1254-2

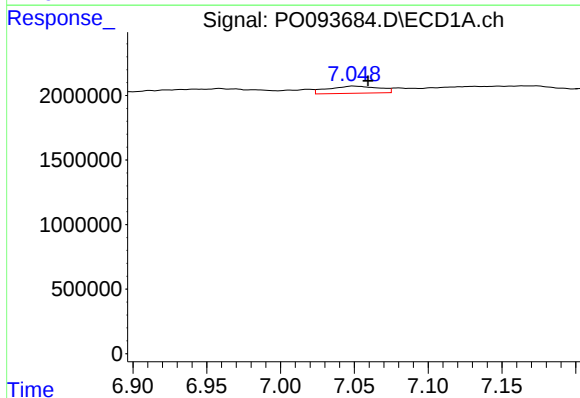
R.T.: 6.681 min
Delta R.T.: -0.008 min
Response: 583310
Conc: 3.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



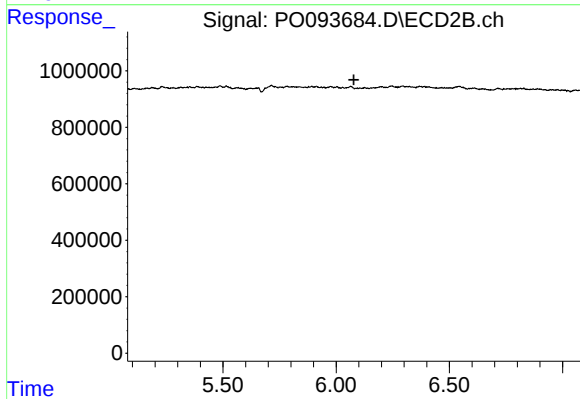
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.673 min
Response: 0
Conc: N.D.



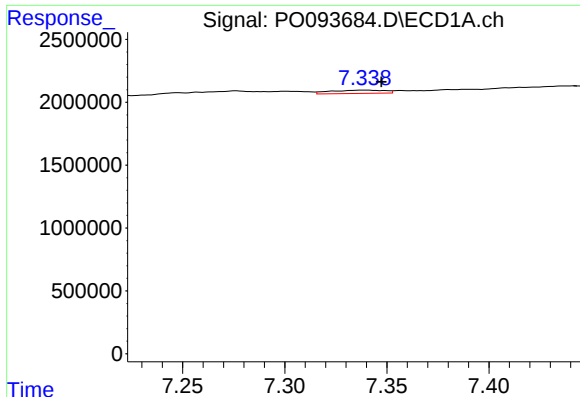
#28 AR-1254-3

R.T.: 7.049 min
Delta R.T.: -0.010 min
Response: 1332744
Conc: 8.02 ng/ml



#28 AR-1254-3

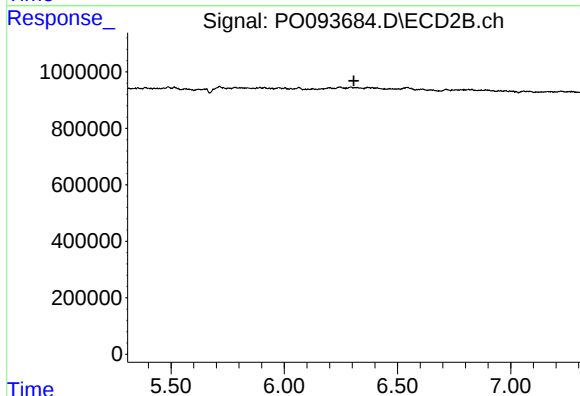
R.T.: 0.000 min
Exp R.T. : 6.078 min
Response: 0
Conc: N.D.



#29 AR-1254-4

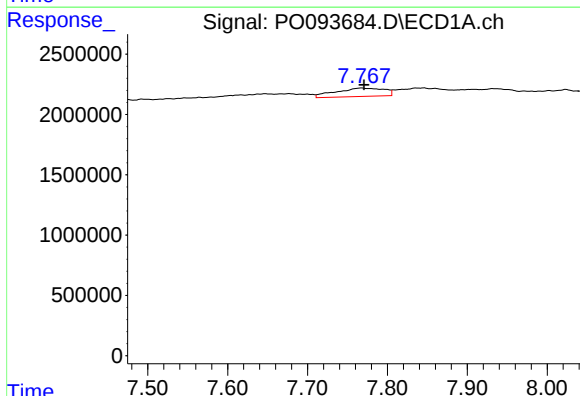
R.T.: 7.339 min
Delta R.T.: -0.008 min
Response: 483585
Conc: 4.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



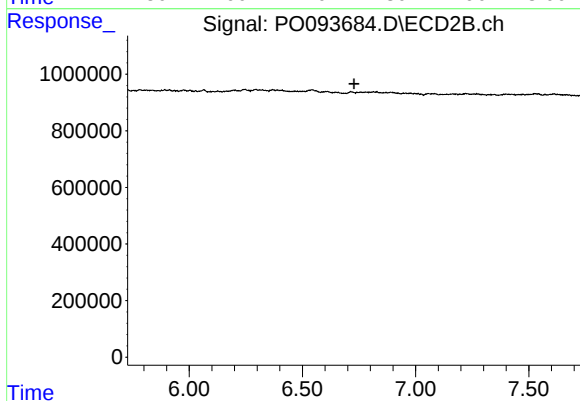
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.308 min
Response: 0
Conc: N.D.



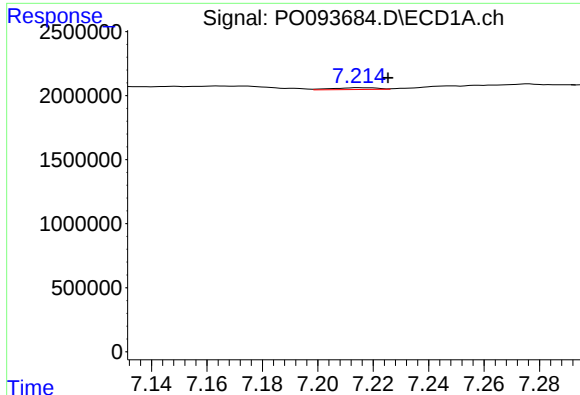
#30 AR-1254-5

R.T.: 7.768 min
Delta R.T.: -0.003 min
Response: 2901261
Conc: 21.43 ng/ml



#30 AR-1254-5

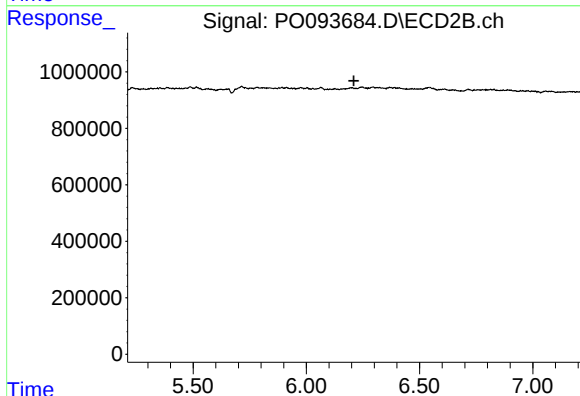
R.T.: 0.000 min
Exp R.T. : 6.728 min
Response: 0
Conc: N.D.



#31 AR-1260-1

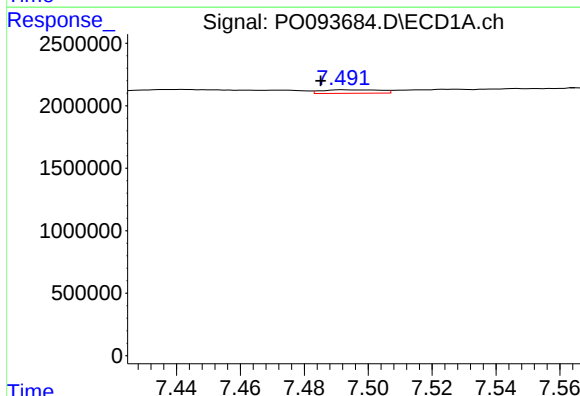
R.T.: 7.215 min
Delta R.T.: -0.010 min
Response: 160227
Conc: 1.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



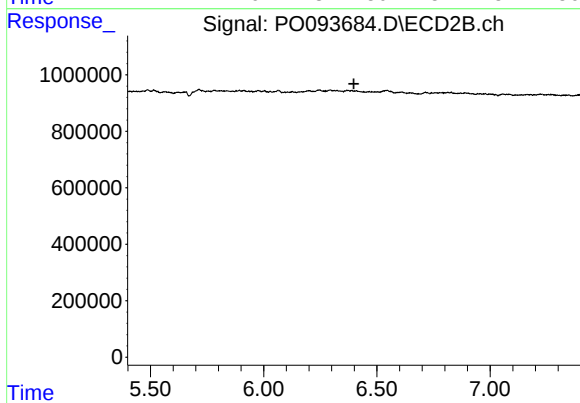
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.210 min
Response: 0
Conc: N.D.



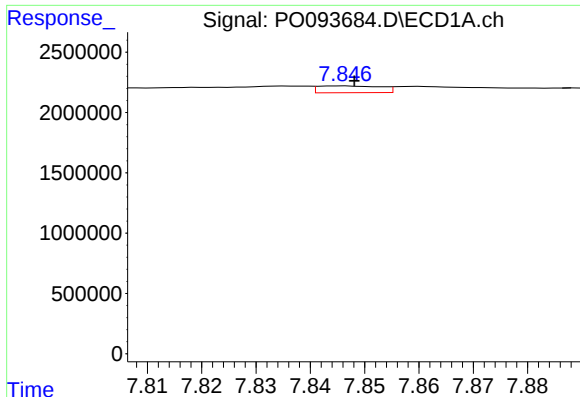
#32 AR-1260-2

R.T.: 7.492 min
Delta R.T.: 0.007 min
Response: 357130
Conc: 2.42 ng/ml



#32 AR-1260-2

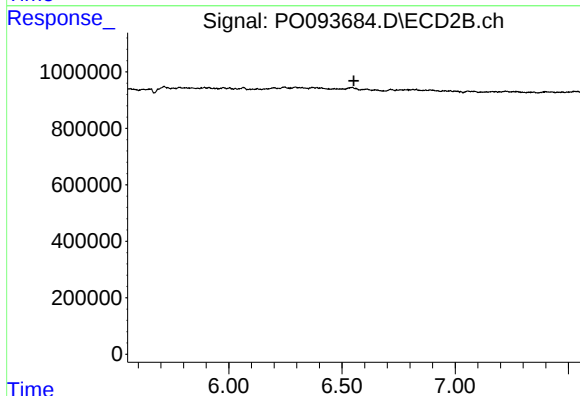
R.T.: 0.000 min
Exp R.T. : 6.398 min
Response: 0
Conc: N.D.



#33 AR-1260-3

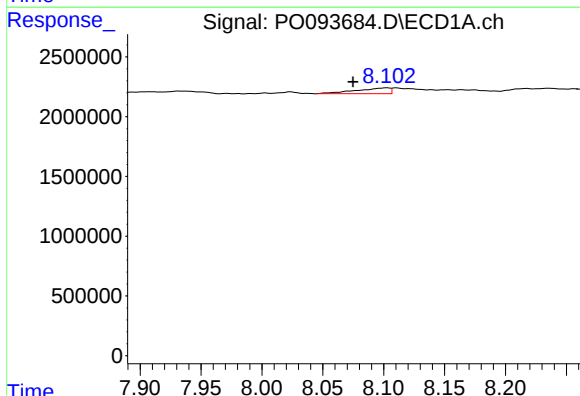
R.T.: 7.846 min
Delta R.T.: -0.002 min
Response: 449802
Conc: 4.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



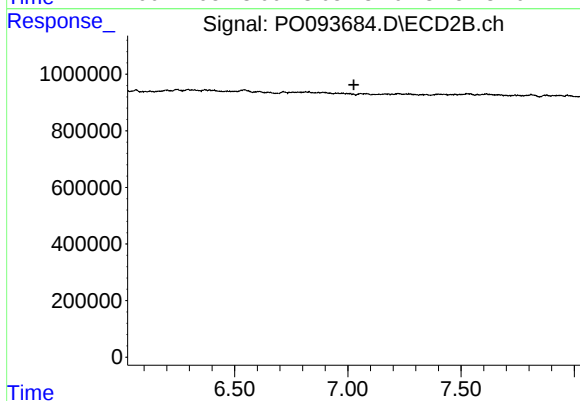
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.552 min
Response: 0
Conc: N.D.



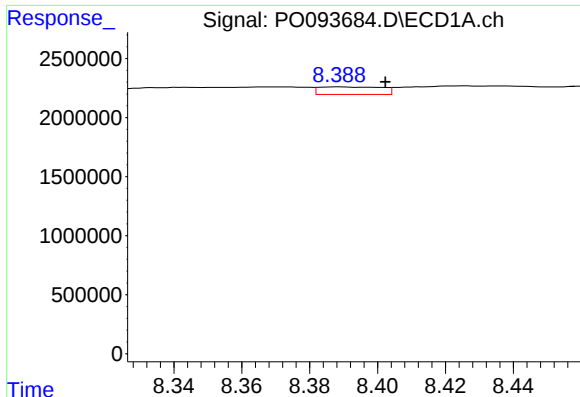
#34 AR-1260-4

R.T.: 8.103 min
Delta R.T.: 0.028 min
Response: 933969
Conc: 7.28 ng/ml



#34 AR-1260-4

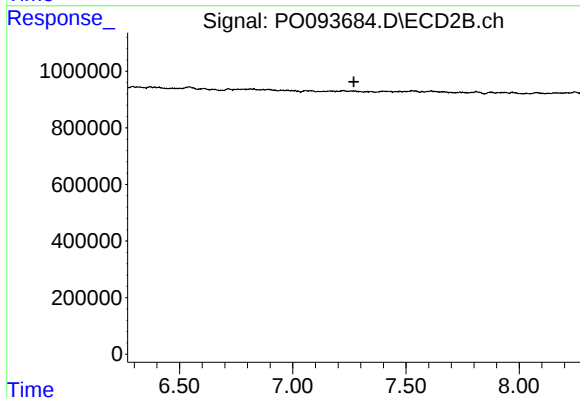
R.T.: 0.000 min
Exp R.T. : 7.027 min
Response: 0
Conc: N.D.



#35 AR-1260-5

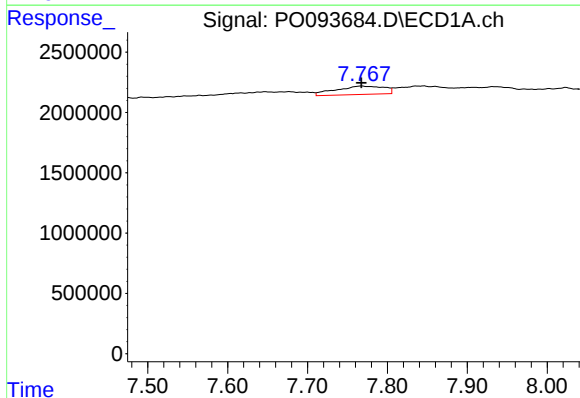
R.T.: 8.388 min
Delta R.T.: -0.014 min
Response: 821879
Conc: 3.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



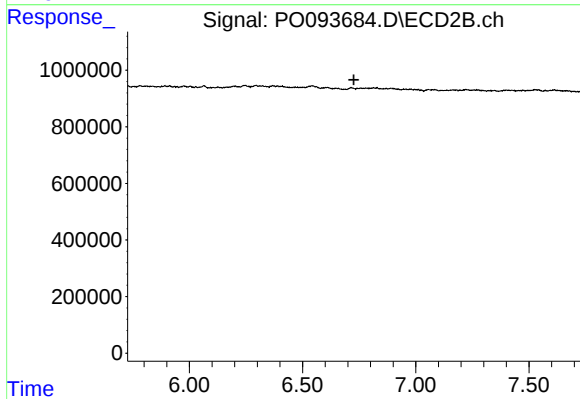
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.270 min
Response: 0
Conc: N.D.



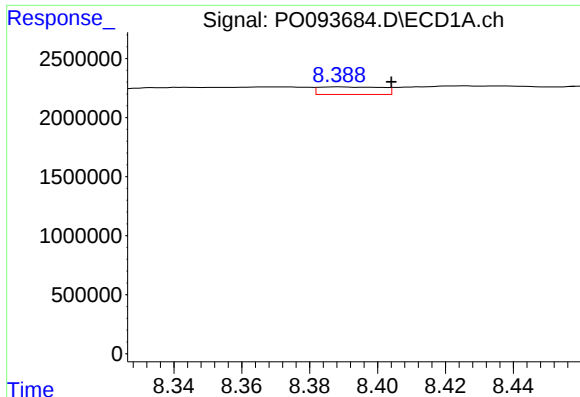
#36 AR-1262-1

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 2901261
Conc: 29.19 ng/ml



#36 AR-1262-1

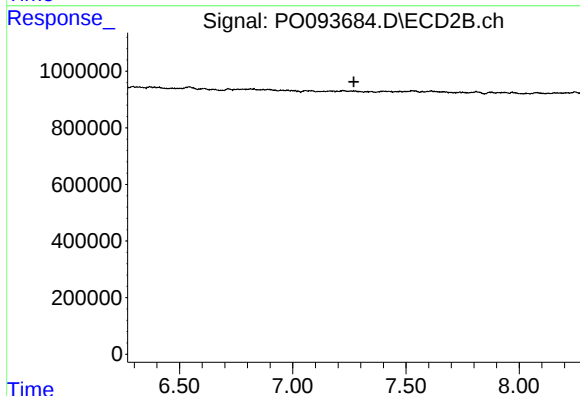
R.T.: 0.000 min
Exp R.T. : 6.726 min
Response: 0
Conc: N.D.



#37 AR-1262-2

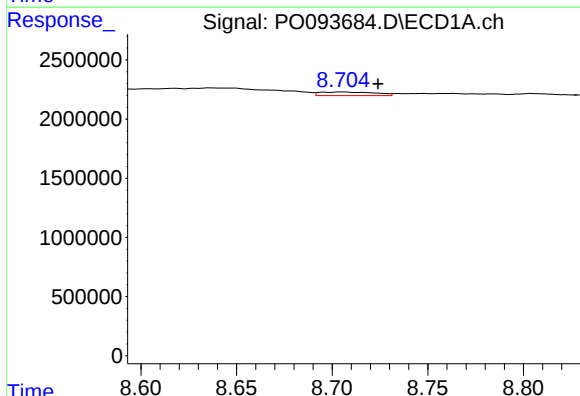
R.T.: 8.388 min
Delta R.T.: -0.016 min
Response: 821879
Conc: 3.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



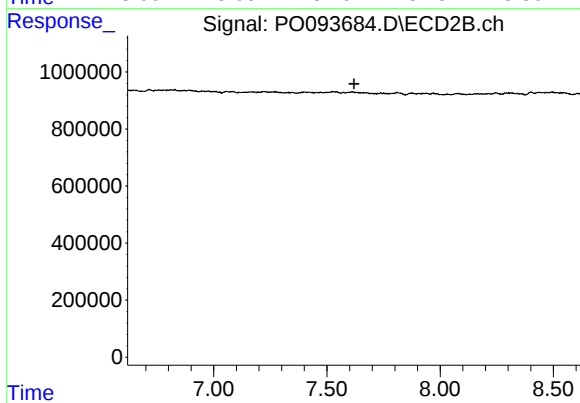
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.270 min
Response: 0
Conc: N.D.



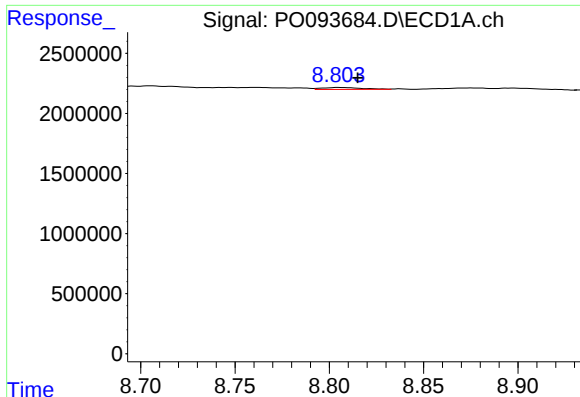
#38 AR-1262-3

R.T.: 8.705 min
Delta R.T.: -0.019 min
Response: 603158
Conc: 3.57 ng/ml



#38 AR-1262-3

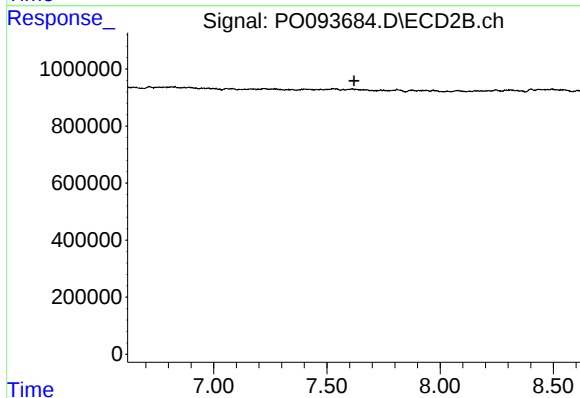
R.T.: 0.000 min
Exp R.T. : 7.620 min
Response: 0
Conc: N.D.



#39 AR-1262-4

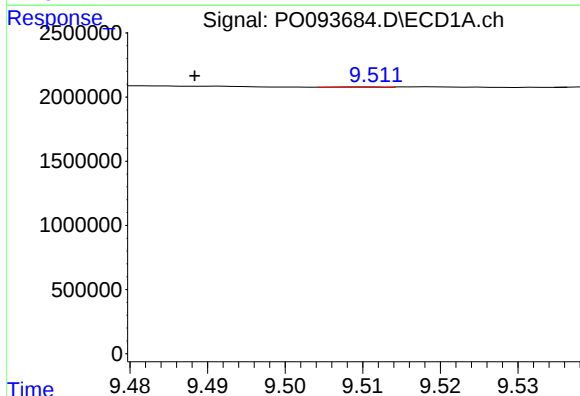
R.T.: 8.805 min
Delta R.T.: -0.011 min
Response: 231802
Conc: 2.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



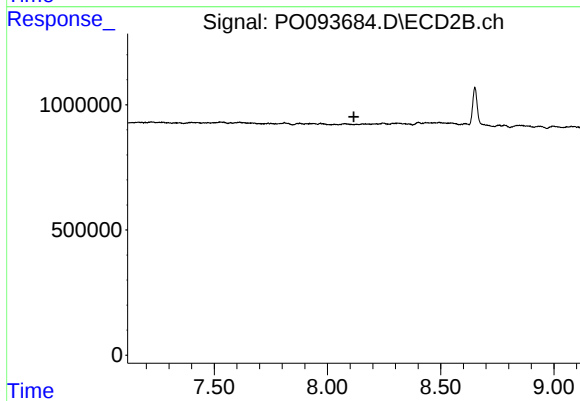
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.620 min
Response: 0
Conc: N.D.



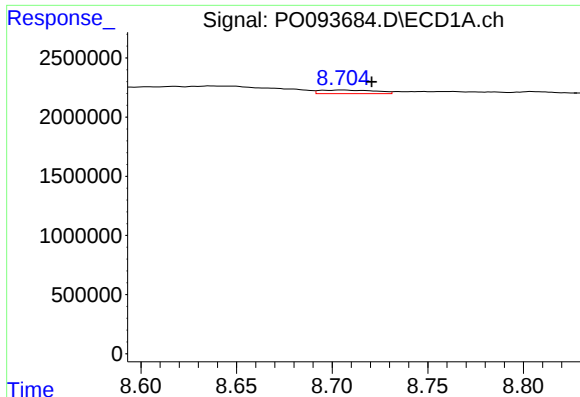
#40 AR-1262-5

R.T.: 9.510 min
Delta R.T.: 0.022 min
Response: 18827
Conc: 0.20 ng/ml



#40 AR-1262-5

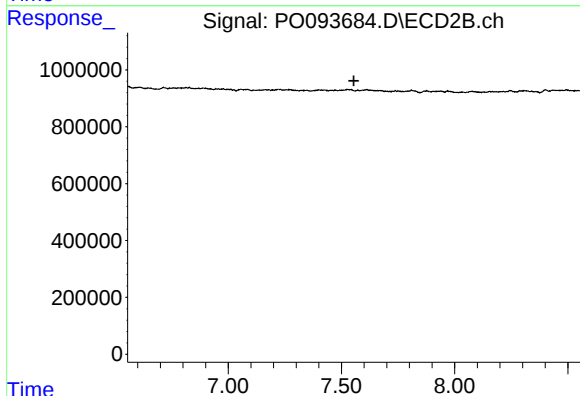
R.T.: 0.000 min
Exp R.T. : 8.117 min
Response: 0
Conc: N.D.



#41 AR-1268-1

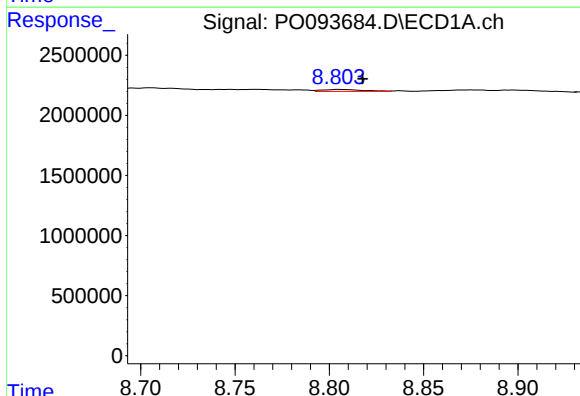
R.T.: 8.705 min
Delta R.T.: -0.015 min
Response: 603158
Conc: 1.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



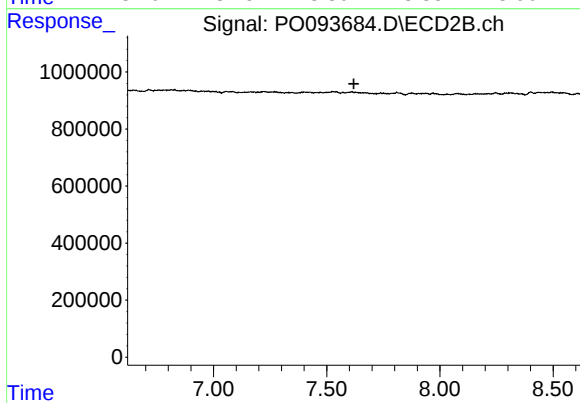
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.555 min
Response: 0
Conc: N.D.



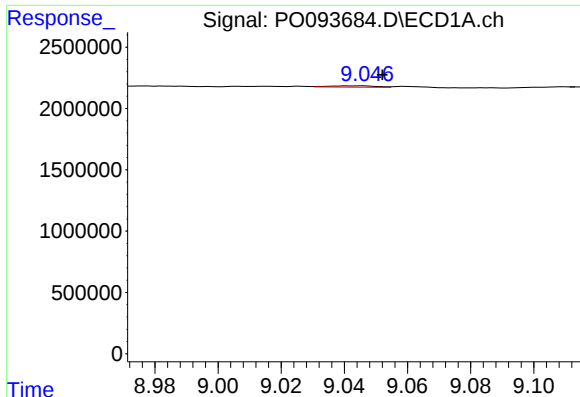
#42 AR-1268-2

R.T.: 8.805 min
Delta R.T.: -0.013 min
Response: 231802
Conc: 0.80 ng/ml



#42 AR-1268-2

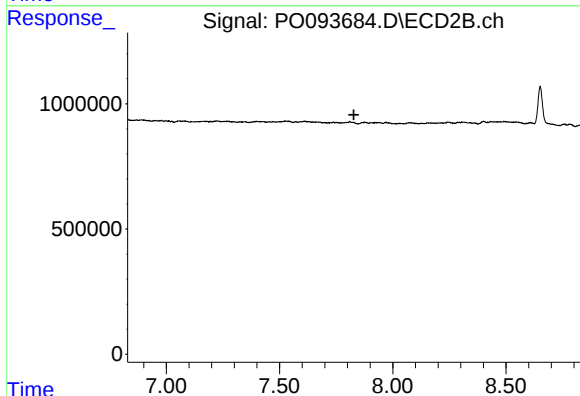
R.T.: 0.000 min
Exp R.T. : 7.620 min
Response: 0
Conc: N.D.



#43 AR-1268-3

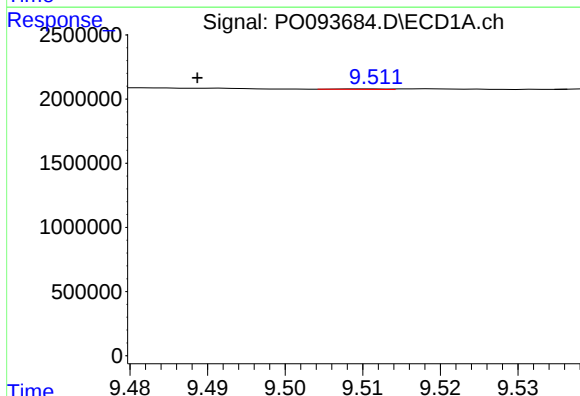
R.T.: 9.046 min
Delta R.T.: -0.006 min
Response: 115023
Conc: 0.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



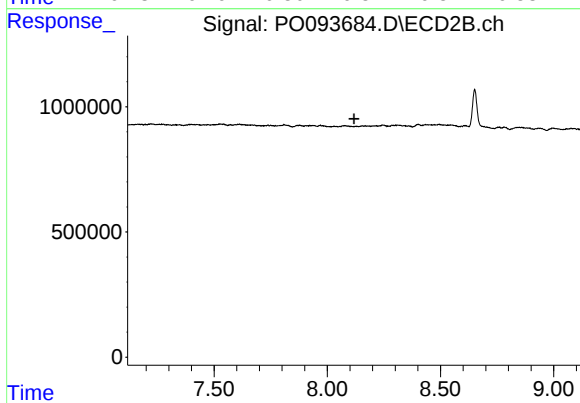
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.828 min
Response: 0
Conc: N.D.



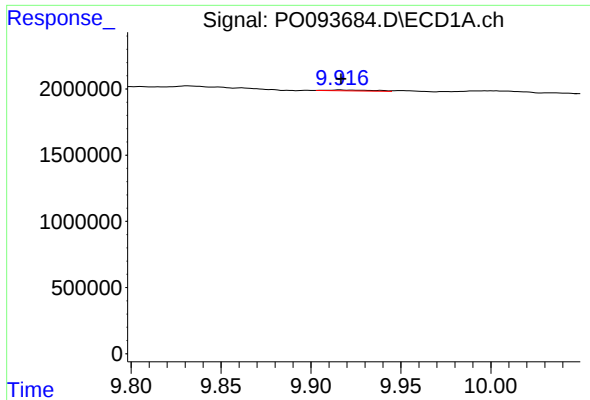
#44 AR-1268-4

R.T.: 9.510 min
Delta R.T.: 0.021 min
Response: 18827
Conc: 0.18 ng/ml



#44 AR-1268-4

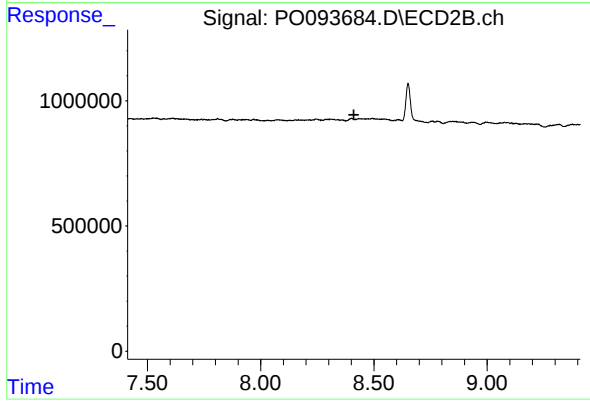
R.T.: 0.000 min
Exp R.T. : 8.118 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.916 min
Delta R.T.: 0.000 min
Response: 120340
Conc: 0.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.411 min
Response: 0
Conc: N.D.