

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0071122\
 Data File : P0087930.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jul 2022 00:37
 Operator : YP/AJ
 Sample : N3650-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 12 03:17:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 28 02:46:21 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...	4.447	3.607	68395613	26883688	26.425	27.321
2)	SA Decachlor...	10.297	8.610	49583227	23501431	24.274	28.990
Target Compounds							
3)	L1 AR-1016-1	5.644	4.622f	148906	70328	1.659	1.759
4)	L1 AR-1016-2	5.644	0.000	148906	0	1.185	N.D. #
5)	L1 AR-1016-3	5.720	0.000	267033	0	3.431	N.D. #
6)	L1 AR-1016-4	5.765f	0.000	35672	0	0.584	N.D. #
7)	L1 AR-1016-5	0.000	5.123	0	360591	N.D.	11.789 #
8)	L2 AR-1221-1	4.659	0.000	581324	0	18.898	N.D. #
9)	L2 AR-1221-2	4.754	3.905	1030685	554907	45.471	62.414 #
10)	L2 AR-1221-3	4.754f	0.000	1030685	0	14.737	N.D. #
11)	L3 AR-1232-1	4.754f	0.000	1030685	0	15.745	N.D. #
12)	L3 AR-1232-2	5.210f	0.000	177112	0	5.485	N.D. #
13)	L3 AR-1232-3	5.644	0.000	148906	0	2.469	N.D. #
14)	L3 AR-1232-4	5.765f	0.000	35672	0	1.218	N.D. #
15)	L3 AR-1232-5	5.941f	5.123	3745462	360591	151.889	28.735 #
16)	L4 AR-1242-1	5.644	4.622f	148906	70328	2.054	2.464
17)	L4 AR-1242-2	5.644	0.000	148906	0	1.458	N.D. #
18)	L4 AR-1242-3	5.720	0.000	267033	0	4.158	N.D. #
19)	L4 AR-1242-4	5.765f	0.000	35672	0	0.701	N.D. #
20)	L4 AR-1242-5	0.000	5.488	0	395255	N.D.	15.121 #
21)	L5 AR-1248-1	5.644	4.622f	148906	70328	2.594	3.031
22)	L5 AR-1248-2	5.941f	0.000	3745462	0	44.925	N.D. #
24)	L5 AR-1248-4	6.482	5.123	1624959	360591	16.520	9.347 #
25)	L5 AR-1248-5	0.000	5.488f	0	395255	N.D.	10.843 #
26)	L6 AR-1254-1	6.482	5.488	1624959	395255	16.211	7.150 #
27)	L6 AR-1254-2	6.701	5.635	4083194	202688	26.757	4.143 #
28)	L6 AR-1254-3	7.075	6.038	1413811	1064234	9.282	14.025 #
29)	L6 AR-1254-4	7.359	6.268	727009	478996	6.605	10.551 #
30)	L6 AR-1254-5	7.778	6.686	6697510	790496	55.799	12.365 #
31)	L7 AR-1260-1	7.238	6.168	962100	871095	8.582	15.430 #
32)	L7 AR-1260-2	7.494	6.359	852326	626973	6.254	9.267 #
33)	L7 AR-1260-3	7.860	6.509	614812	414487	6.564	6.562
34)	L7 AR-1260-4	8.105	6.973	285621	275822	2.730	5.931 #
35)	L7 AR-1260-5	8.415	7.224	617507	210208	3.130	1.950 #
36)	L8 AR-1262-1	7.860	6.830f	614812	163298	4.296	6.221 #
37)	L8 AR-1262-2	8.415	7.224	617507	210208	2.457	1.980
38)	L8 AR-1262-3	8.749	7.510	297091	91780	1.643	2.238 #
39)	L8 AR-1262-4	0.000	7.571	0	258256	N.D.	3.452 #
40)	L8 AR-1262-5	0.000	8.067	0	776614	N.D.	23.152 #
41)	L9 AR-1268-1	8.749	7.510	297091	91780	1.013	0.797
42)	L9 AR-1268-2	0.000	7.571	0	258256	N.D.	2.516 #

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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
43) L9	AR-1268-3	9.066	7.783	60261	89804	0.258	1.061 #
44) L9	AR-1268-4	0.000	8.067	0	776614	N.D.	21.892 #
45) L9	AR-1268-5	9.944	8.357	505839	180948	0.670	0.723

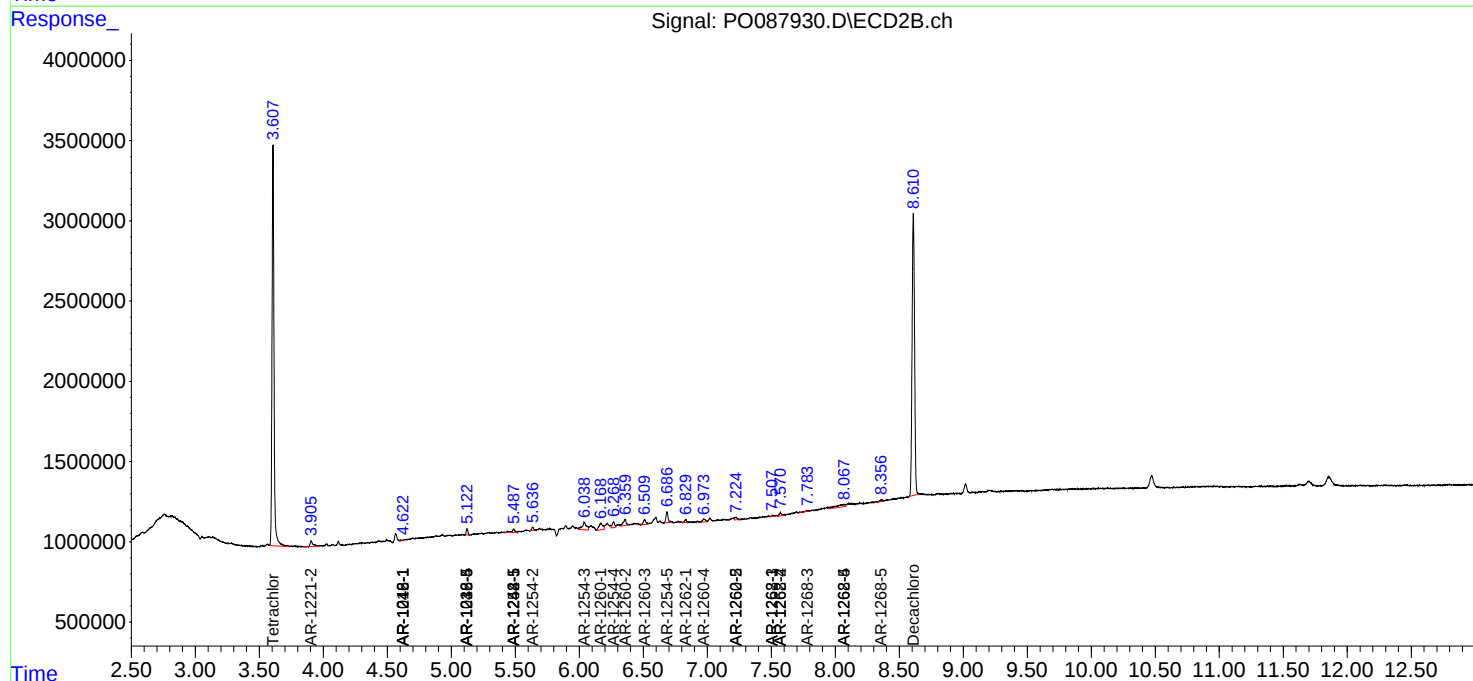
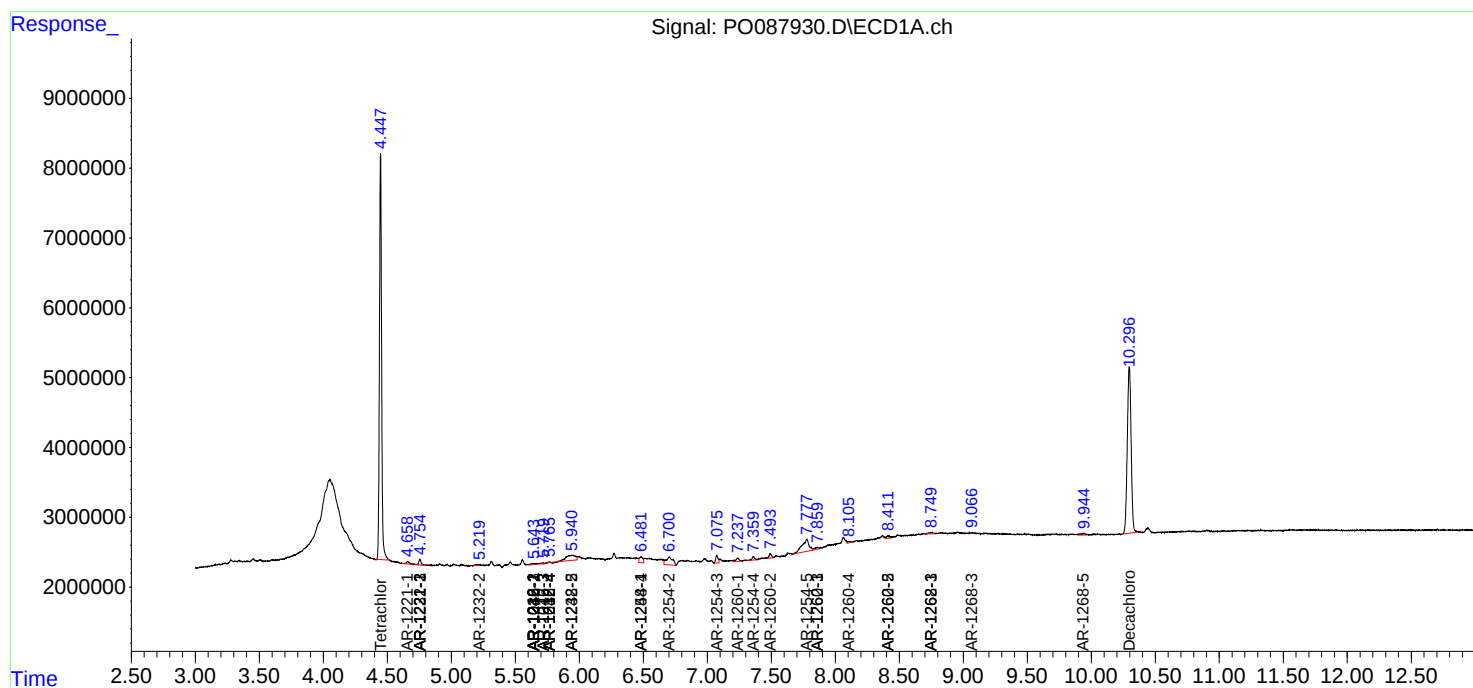
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

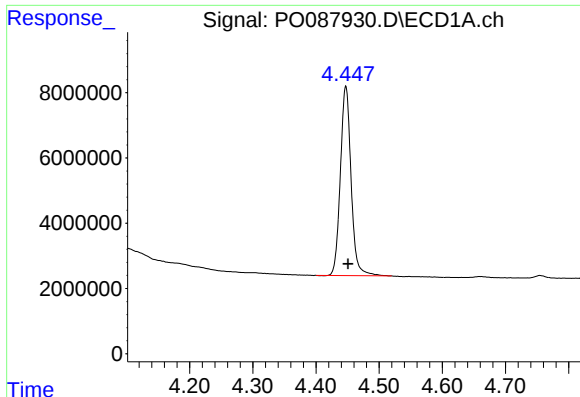
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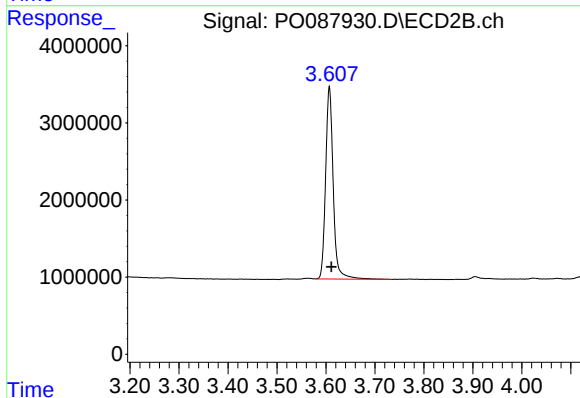




#1 Tetrachloro-m-xylene

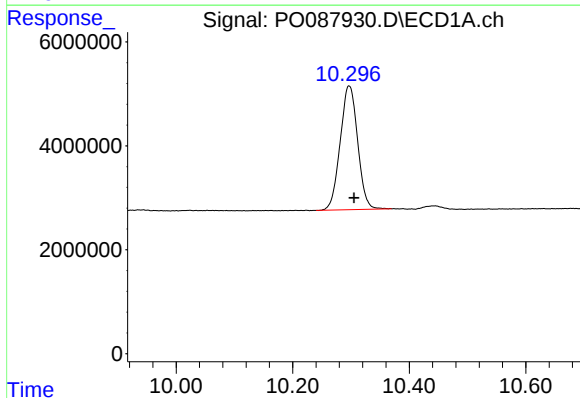
R.T.: 4.447 min
Delta R.T.: -0.004 min
Response: 68395613
Conc: 26.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



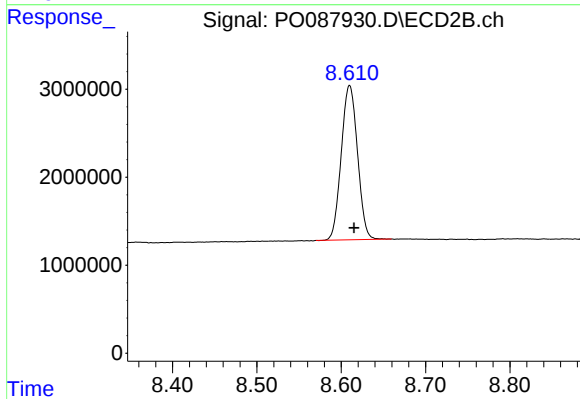
#1 Tetrachloro-m-xylene

R.T.: 3.607 min
Delta R.T.: -0.004 min
Response: 26883688
Conc: 27.32 ng/ml



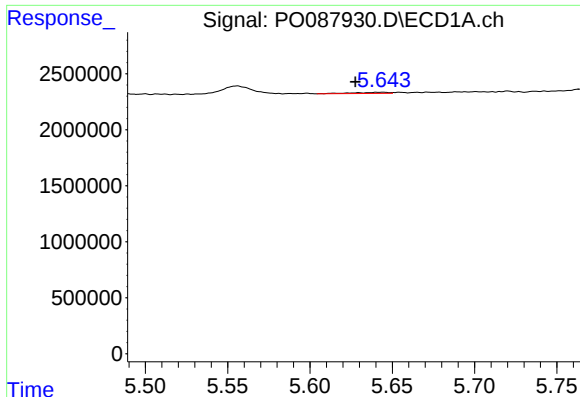
#2 Decachlorobiphenyl

R.T.: 10.297 min
Delta R.T.: -0.009 min
Response: 49583227
Conc: 24.27 ng/ml



#2 Decachlorobiphenyl

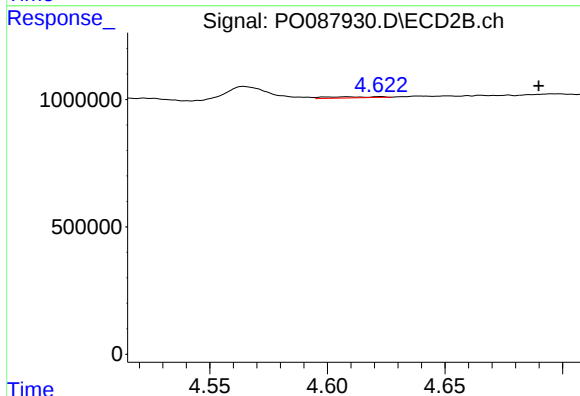
R.T.: 8.610 min
Delta R.T.: -0.005 min
Response: 23501431
Conc: 28.99 ng/ml



#3 AR-1016-1

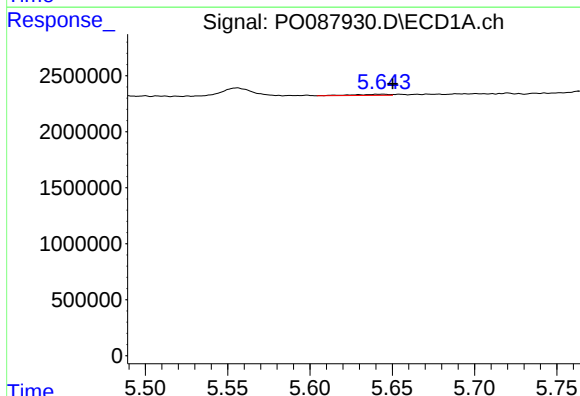
R.T.: 5.644 min
Delta R.T.: 0.016 min
Response: 148906
Conc: 1.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



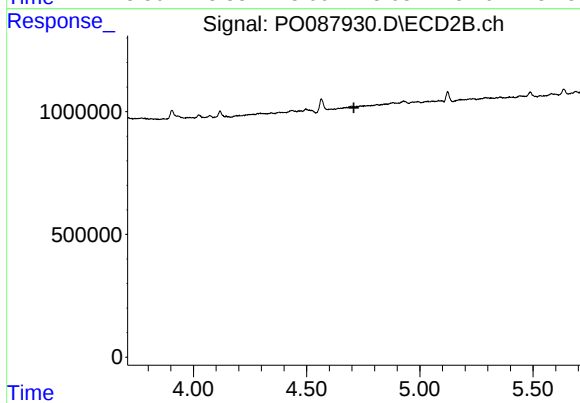
#3 AR-1016-1

R.T.: 4.622 min
Delta R.T.: -0.067 min
Response: 70328
Conc: 1.76 ng/ml



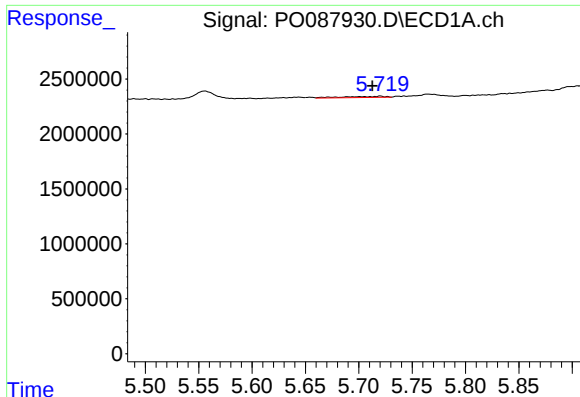
#4 AR-1016-2

R.T.: 5.644 min
Delta R.T.: -0.007 min
Response: 148906
Conc: 1.18 ng/ml



#4 AR-1016-2

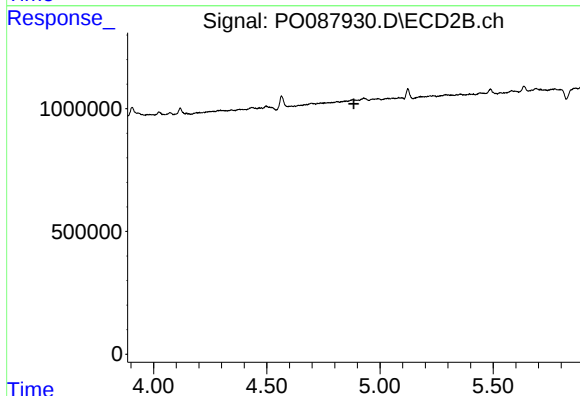
R.T.: 0.000 min
Exp R.T.: 4.709 min
Response: 0
Conc: N.D.



#5 AR-1016-3

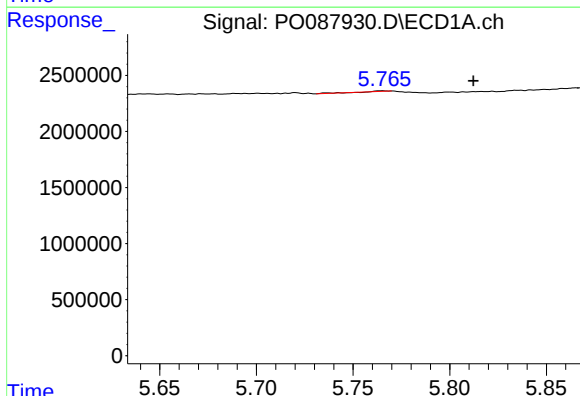
R.T.: 5.720 min
Delta R.T.: 0.007 min
Response: 267033
Conc: 3.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



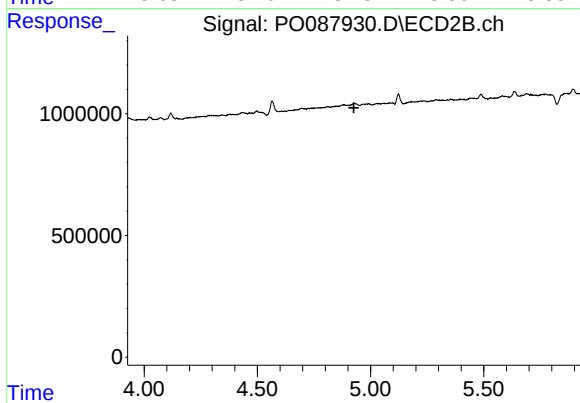
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.884 min
Response: 0
Conc: N.D.



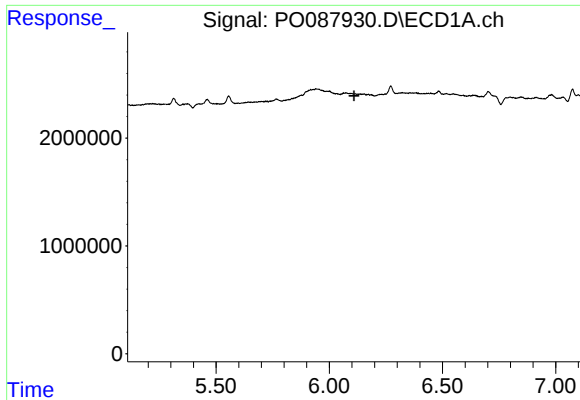
#6 AR-1016-4

R.T.: 5.765 min
Delta R.T.: -0.047 min
Response: 35672
Conc: 0.58 ng/ml



#6 AR-1016-4

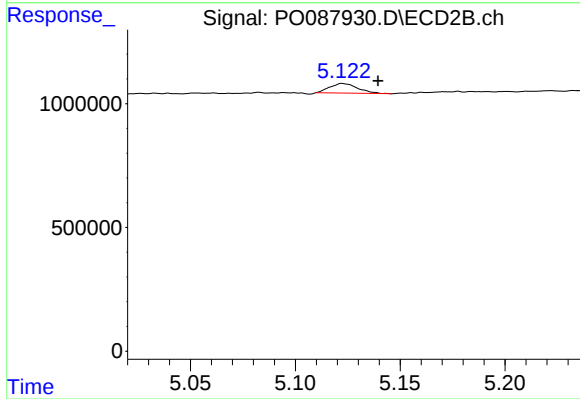
R.T.: 0.000 min
Exp R.T. : 4.927 min
Response: 0
Conc: N.D.



#7 AR-1016-5

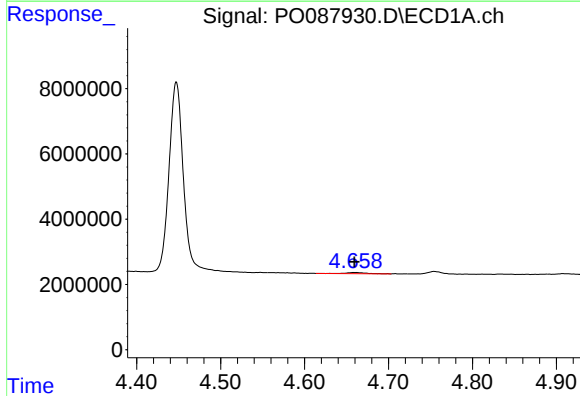
R.T.: 0.000 min
Exp R.T.: 6.109 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



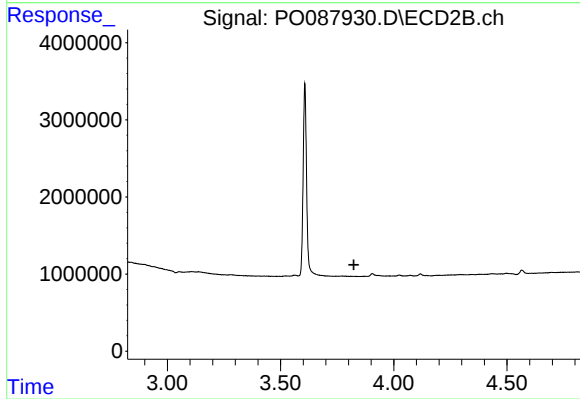
#7 AR-1016-5

R.T.: 5.123 min
Delta R.T.: -0.017 min
Response: 360591
Conc: 11.79 ng/ml



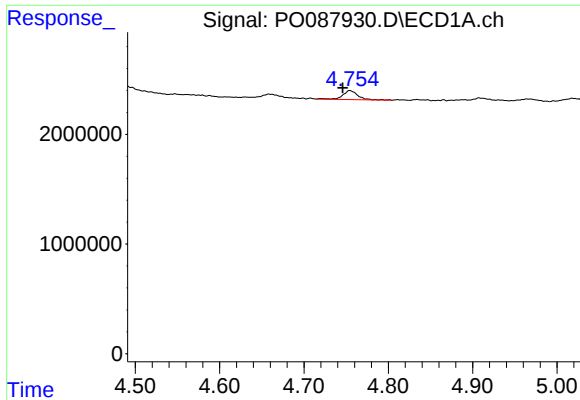
#8 AR-1221-1

R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 581324
Conc: 18.90 ng/ml



#8 AR-1221-1

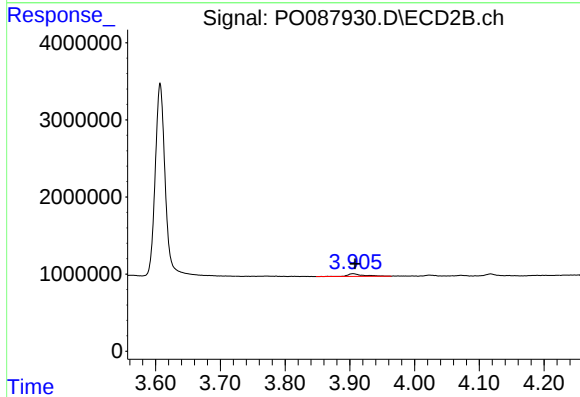
R.T.: 0.000 min
Exp R.T.: 3.824 min
Response: 0
Conc: N.D.



#9 AR-1221-2

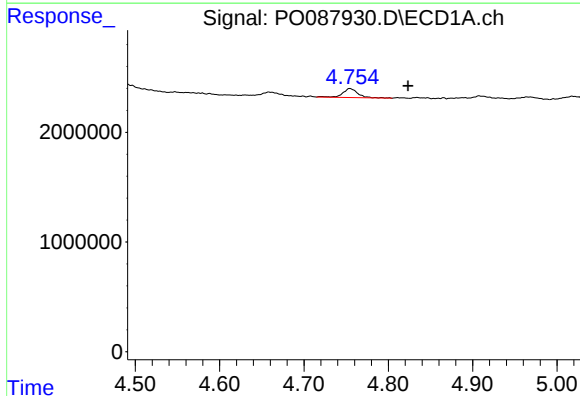
R.T.: 4.754 min
Delta R.T.: 0.008 min
Response: 1030685
Conc: 45.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



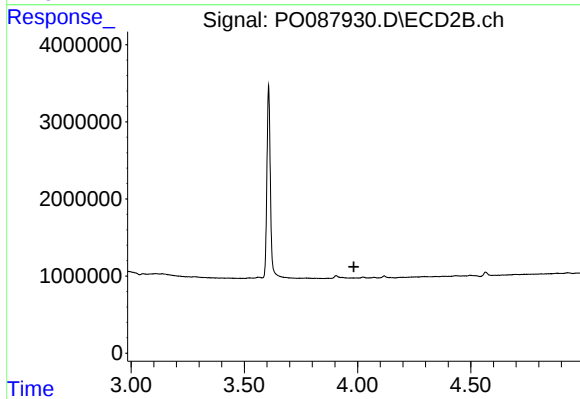
#9 AR-1221-2

R.T.: 3.905 min
Delta R.T.: -0.003 min
Response: 554907
Conc: 62.41 ng/ml



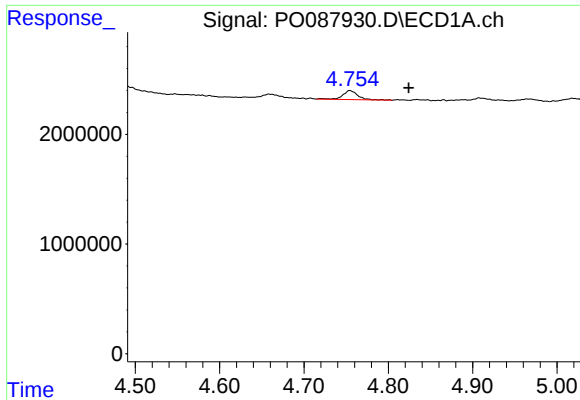
#10 AR-1221-3

R.T.: 4.754 min
Delta R.T.: -0.069 min
Response: 1030685
Conc: 14.74 ng/ml



#10 AR-1221-3

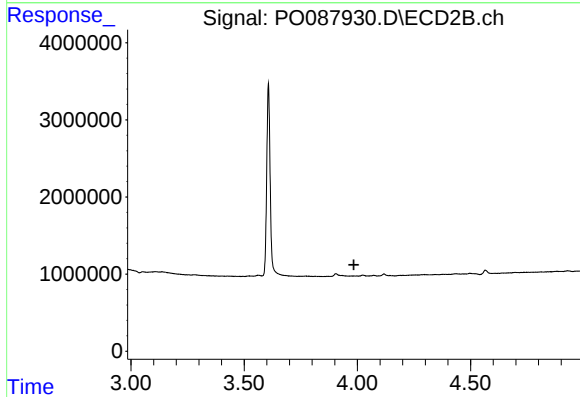
R.T.: 0.000 min
Exp R.T. : 3.984 min
Response: 0
Conc: N.D.



#11 AR-1232-1

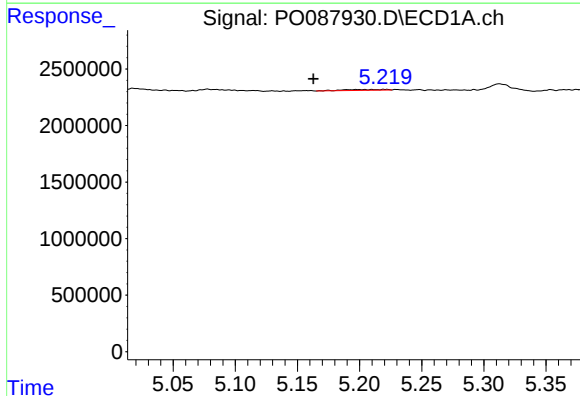
R.T.: 4.754 min
Delta R.T.: -0.070 min
Response: 1030685
Conc: 15.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



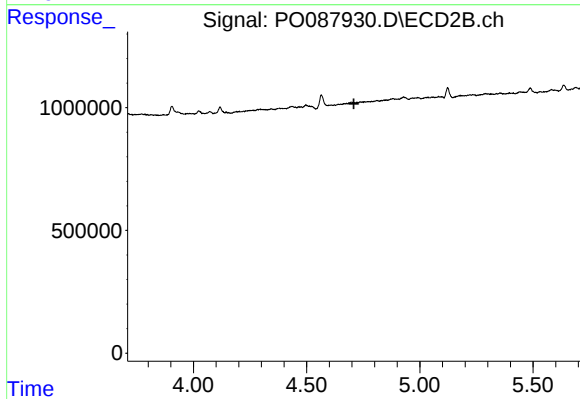
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.984 min
Response: 0
Conc: N.D.



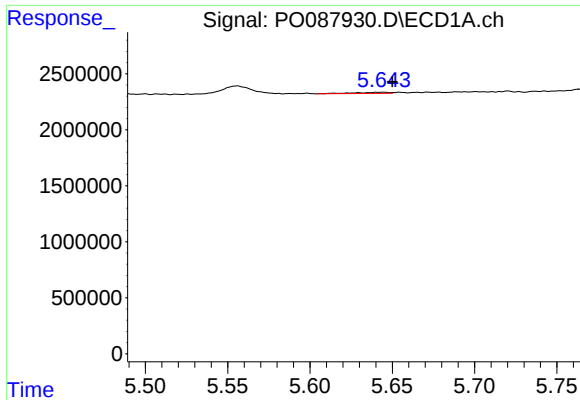
#12 AR-1232-2

R.T.: 5.210 min
Delta R.T.: 0.047 min
Response: 177112
Conc: 5.48 ng/ml



#12 AR-1232-2

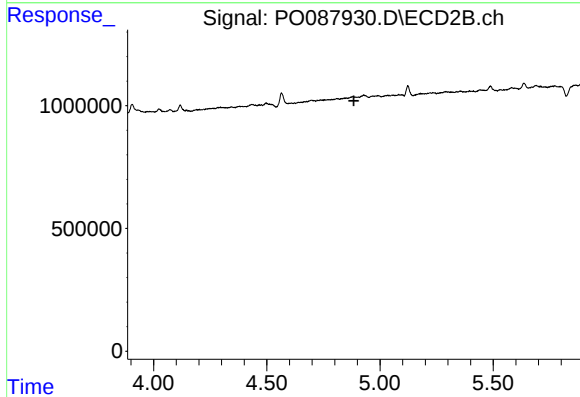
R.T.: 0.000 min
Exp R.T. : 4.709 min
Response: 0
Conc: N.D.



#13 AR-1232-3

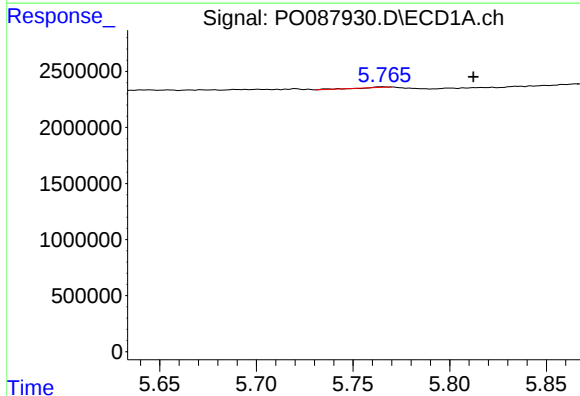
R.T.: 5.644 min
Delta R.T.: -0.007 min
Response: 148906
Conc: 2.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



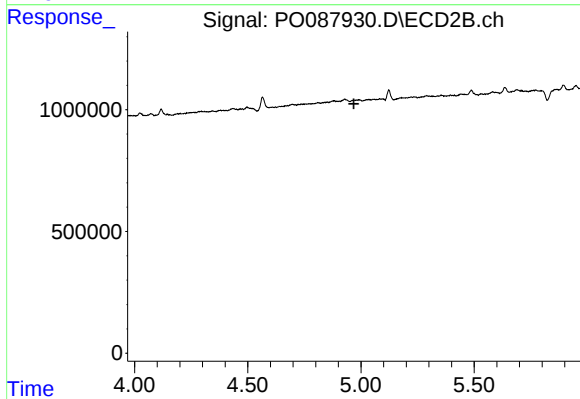
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.885 min
Response: 0
Conc: N.D.



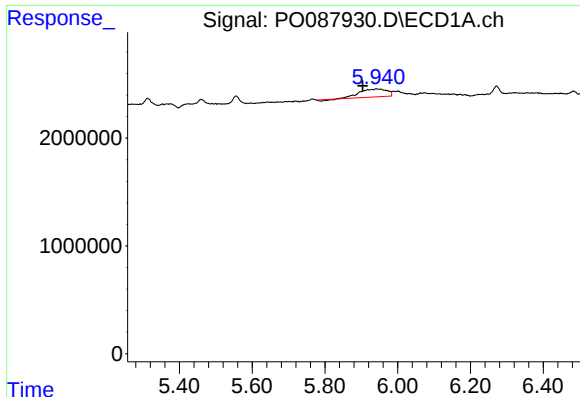
#14 AR-1232-4

R.T.: 5.765 min
Delta R.T.: -0.047 min
Response: 35672
Conc: 1.22 ng/ml



#14 AR-1232-4

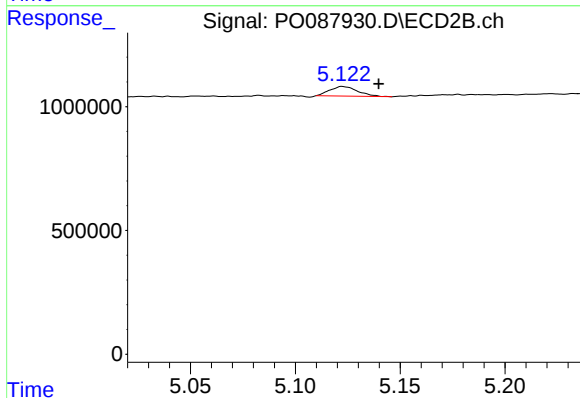
R.T.: 0.000 min
Exp R.T. : 4.968 min
Response: 0
Conc: N.D.



#15 AR-1232-5

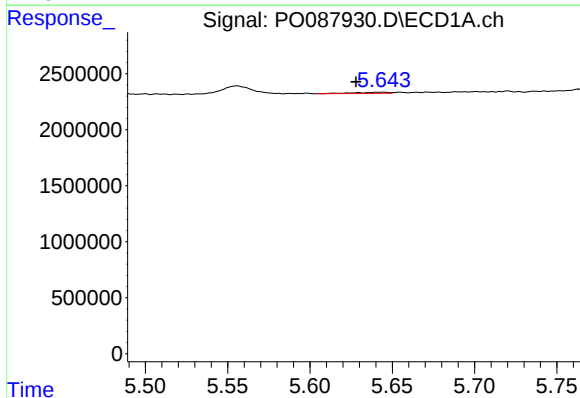
R.T.: 5.941 min
Delta R.T.: 0.037 min
Response: 3745462
Conc: 151.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



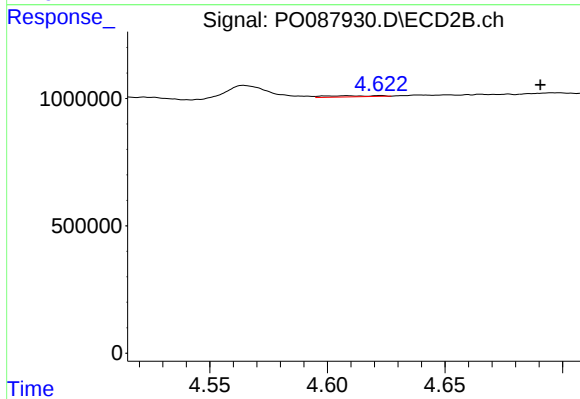
#15 AR-1232-5

R.T.: 5.123 min
Delta R.T.: -0.017 min
Response: 360591
Conc: 28.74 ng/ml



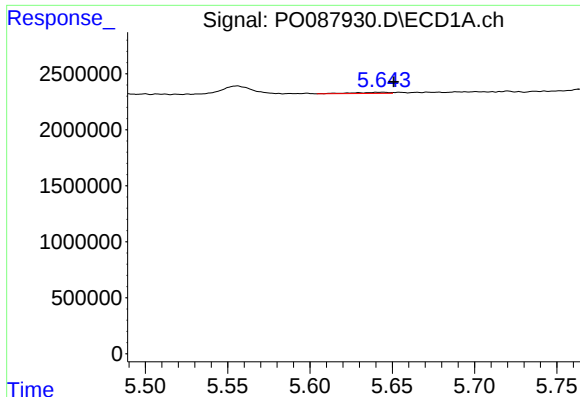
#16 AR-1242-1

R.T.: 5.644 min
Delta R.T.: 0.016 min
Response: 148906
Conc: 2.05 ng/ml



#16 AR-1242-1

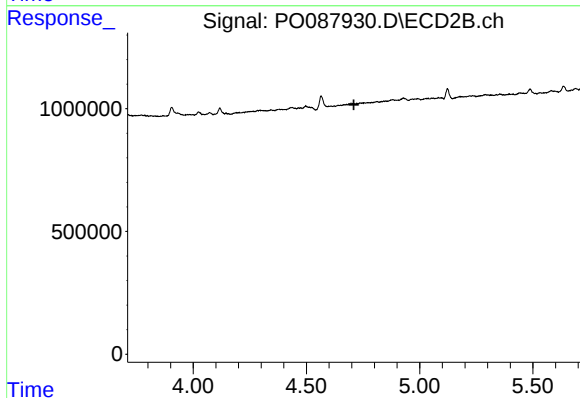
R.T.: 4.622 min
Delta R.T.: -0.068 min
Response: 70328
Conc: 2.46 ng/ml



#17 AR-1242-2

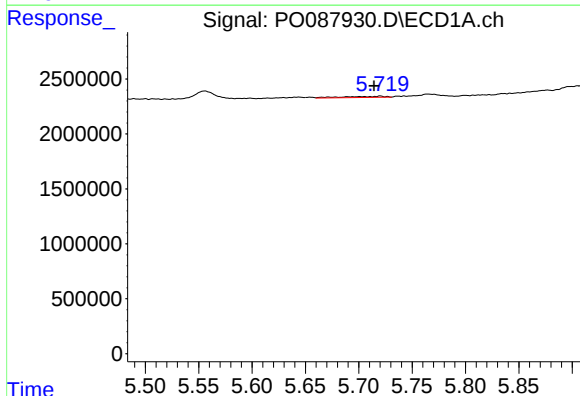
R.T.: 5.644 min
Delta R.T.: -0.007 min
Response: 148906
Conc: 1.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



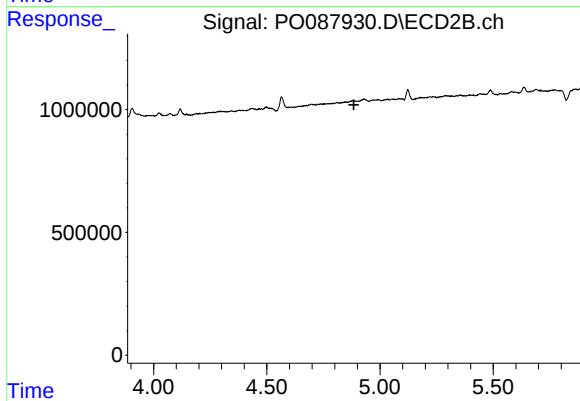
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.709 min
Response: 0
Conc: N.D.



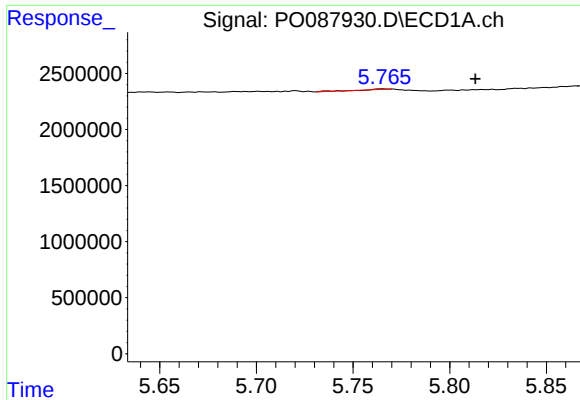
#18 AR-1242-3

R.T.: 5.720 min
Delta R.T.: 0.006 min
Response: 267033
Conc: 4.16 ng/ml



#18 AR-1242-3

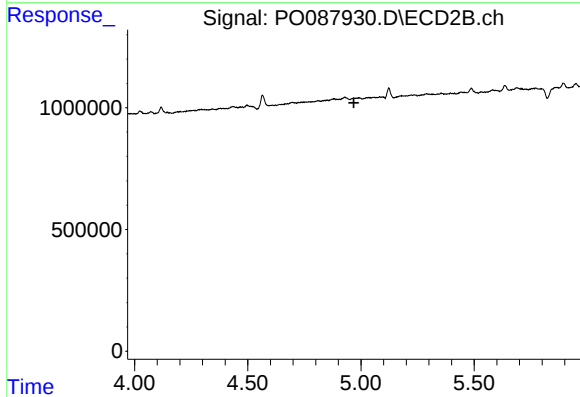
R.T.: 0.000 min
Exp R.T. : 4.884 min
Response: 0
Conc: N.D.



#19 AR-1242-4

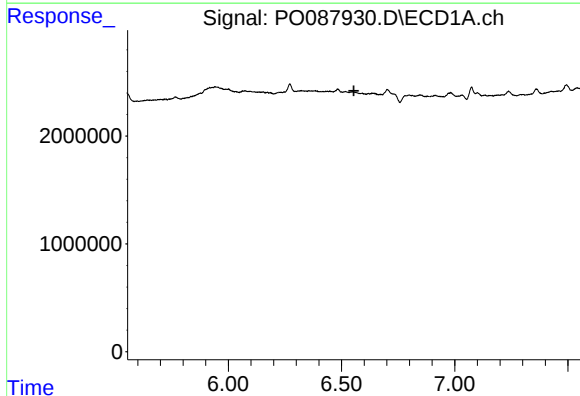
R.T.: 5.765 min
Delta R.T.: -0.048 min
Response: 35672
Conc: 0.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



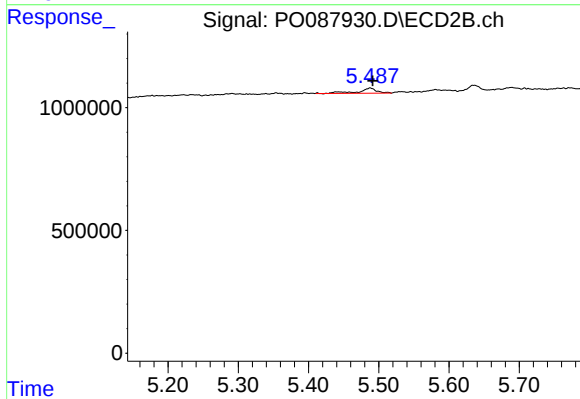
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.969 min
Response: 0
Conc: N.D.



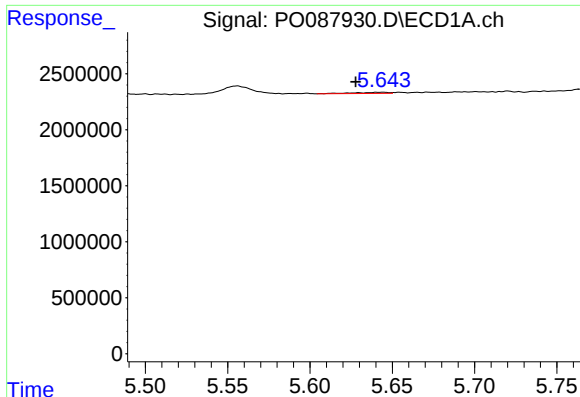
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.555 min
Response: 0
Conc: N.D.



#20 AR-1242-5

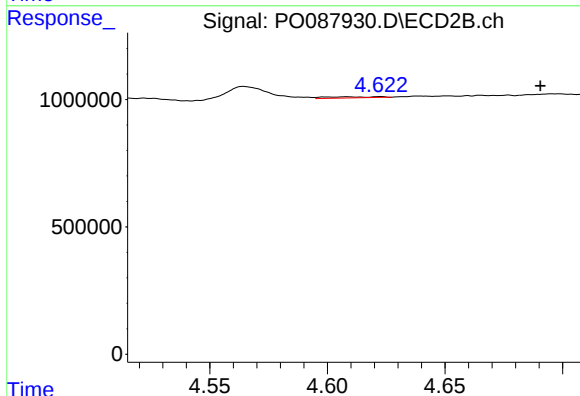
R.T.: 5.488 min
Delta R.T.: -0.003 min
Response: 395255
Conc: 15.12 ng/ml



#21 AR-1248-1

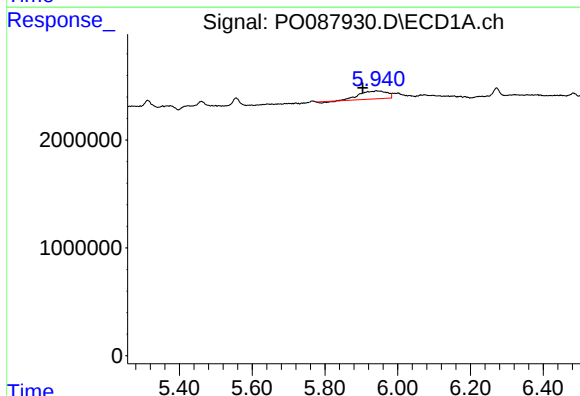
R.T.: 5.644 min
Delta R.T.: 0.016 min
Response: 148906
Conc: 2.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



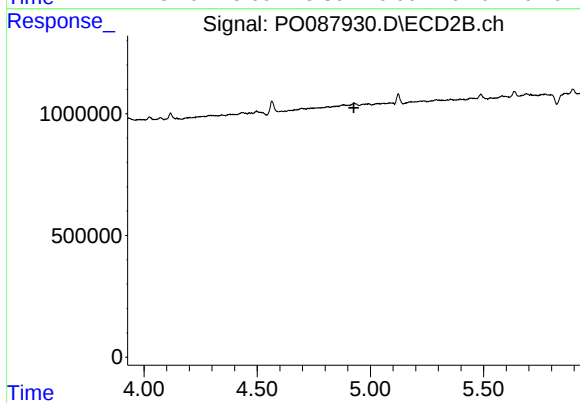
#21 AR-1248-1

R.T.: 4.622 min
Delta R.T.: -0.068 min
Response: 70328
Conc: 3.03 ng/ml



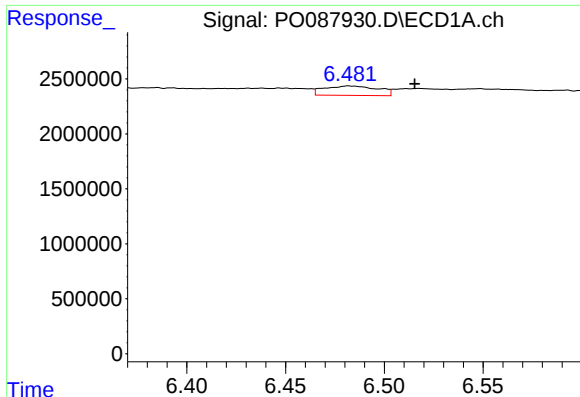
#22 AR-1248-2

R.T.: 5.941 min
Delta R.T.: 0.037 min
Response: 3745462
Conc: 44.92 ng/ml



#22 AR-1248-2

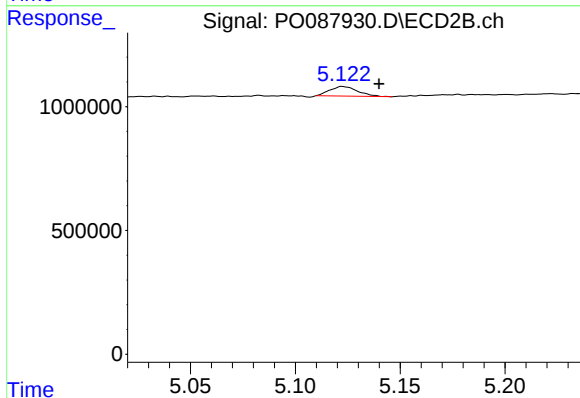
R.T.: 0.000 min
Exp R.T.: 4.927 min
Response: 0
Conc: N.D.



#24 AR-1248-4

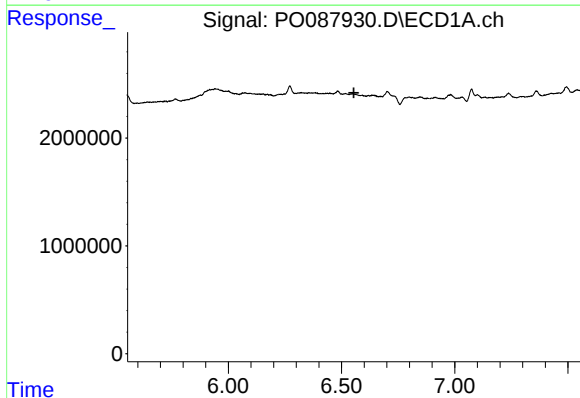
R.T.: 6.482 min
Delta R.T.: -0.033 min
Response: 1624959
Conc: 16.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



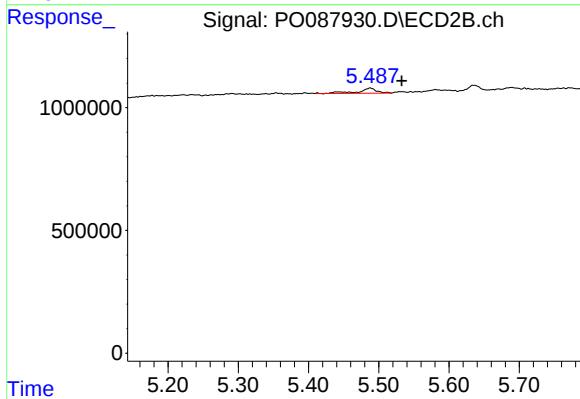
#24 AR-1248-4

R.T.: 5.123 min
Delta R.T.: -0.017 min
Response: 360591
Conc: 9.35 ng/ml



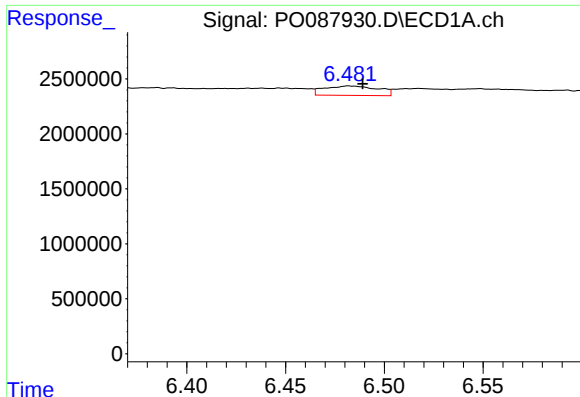
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.555 min
Response: 0
Conc: N.D.



#25 AR-1248-5

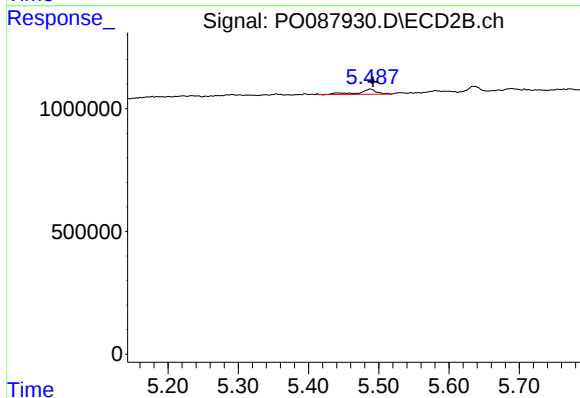
R.T.: 5.488 min
Delta R.T.: -0.045 min
Response: 395255
Conc: 10.84 ng/ml



#26 AR-1254-1

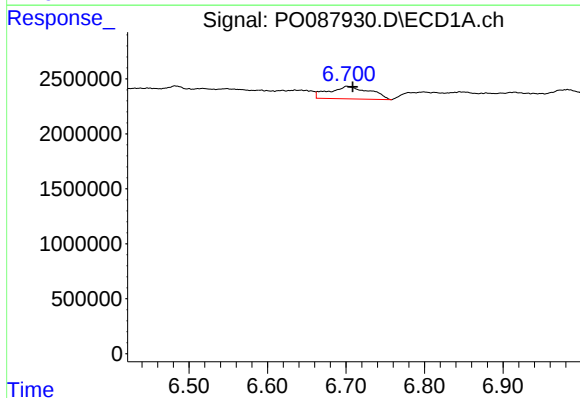
R.T.: 6.482 min
Delta R.T.: -0.007 min
Response: 1624959
Conc: 16.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



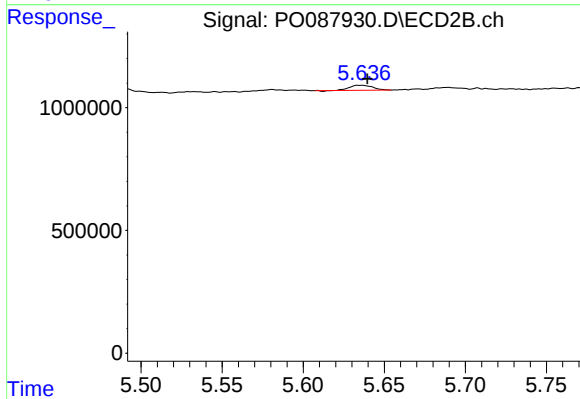
#26 AR-1254-1

R.T.: 5.488 min
Delta R.T.: -0.004 min
Response: 395255
Conc: 7.15 ng/ml



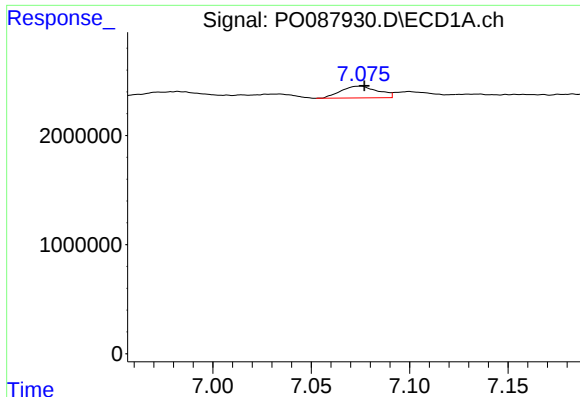
#27 AR-1254-2

R.T.: 6.701 min
Delta R.T.: -0.007 min
Response: 4083194
Conc: 26.76 ng/ml



#27 AR-1254-2

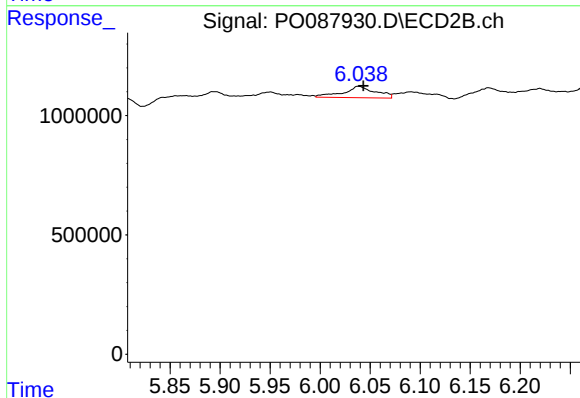
R.T.: 5.635 min
Delta R.T.: -0.004 min
Response: 202688
Conc: 4.14 ng/ml



#28 AR-1254-3

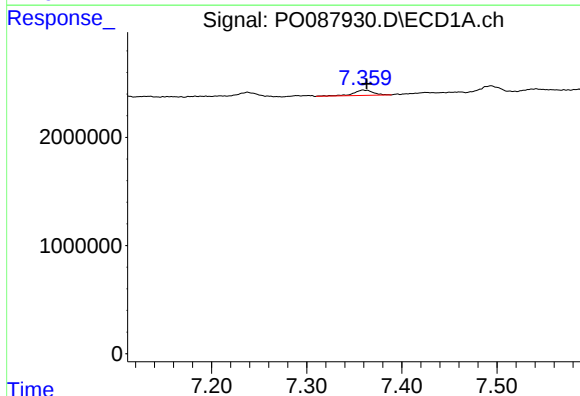
R.T.: 7.075 min
Delta R.T.: -0.002 min
Response: 1413811
Conc: 9.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



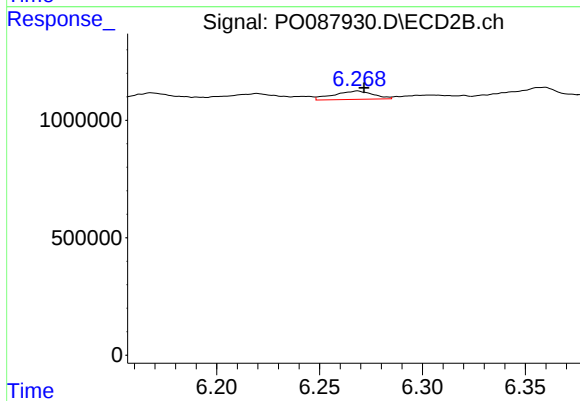
#28 AR-1254-3

R.T.: 6.038 min
Delta R.T.: -0.005 min
Response: 1064234
Conc: 14.02 ng/ml



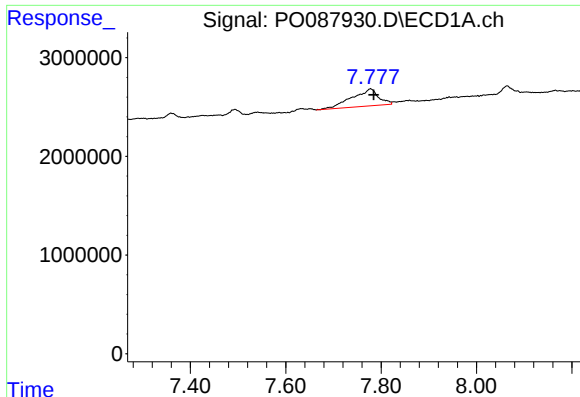
#29 AR-1254-4

R.T.: 7.359 min
Delta R.T.: -0.004 min
Response: 727009
Conc: 6.60 ng/ml



#29 AR-1254-4

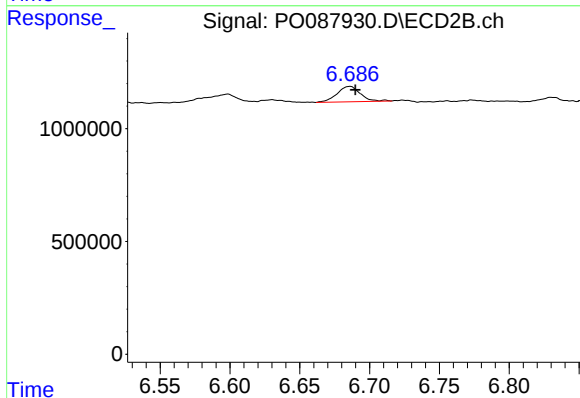
R.T.: 6.268 min
Delta R.T.: -0.003 min
Response: 478996
Conc: 10.55 ng/ml



#30 AR-1254-5

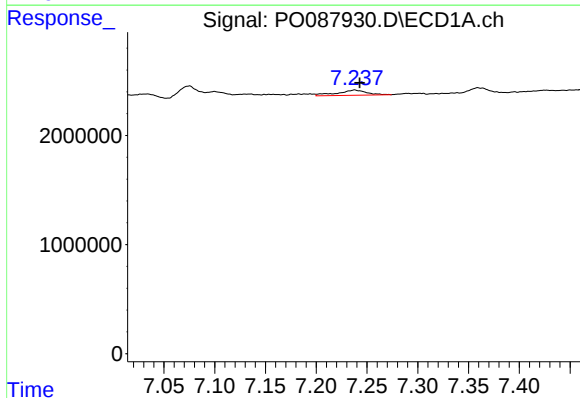
R.T.: 7.778 min
Delta R.T.: -0.007 min
Response: 6697510
Conc: 55.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



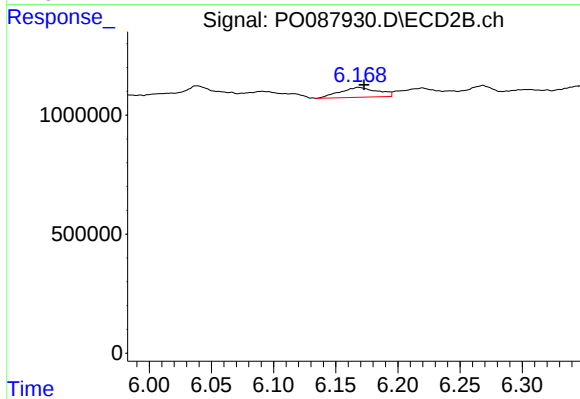
#30 AR-1254-5

R.T.: 6.686 min
Delta R.T.: -0.004 min
Response: 790496
Conc: 12.37 ng/ml



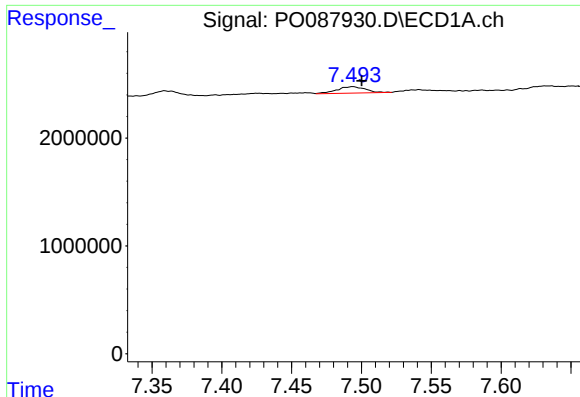
#31 AR-1260-1

R.T.: 7.238 min
Delta R.T.: -0.005 min
Response: 962100
Conc: 8.58 ng/ml



#31 AR-1260-1

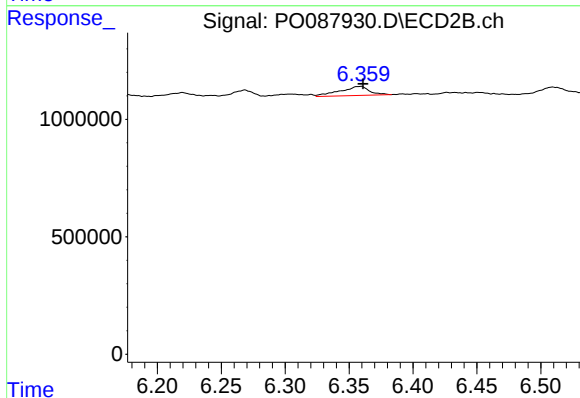
R.T.: 6.168 min
Delta R.T.: -0.004 min
Response: 871095
Conc: 15.43 ng/ml



#32 AR-1260-2

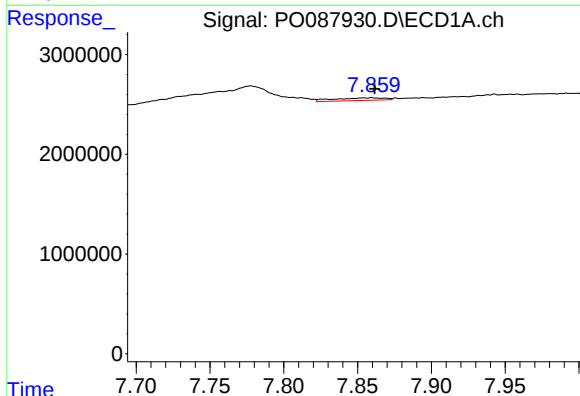
R.T.: 7.494 min
Delta R.T.: -0.006 min
Response: 852326
Conc: 6.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



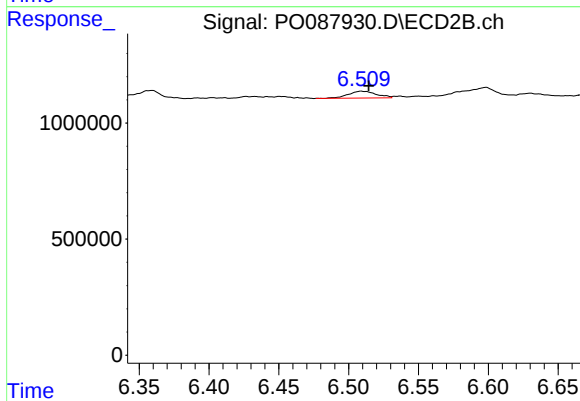
#32 AR-1260-2

R.T.: 6.359 min
Delta R.T.: -0.002 min
Response: 626973
Conc: 9.27 ng/ml



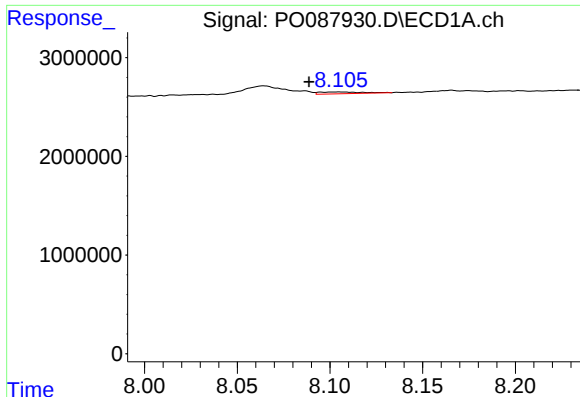
#33 AR-1260-3

R.T.: 7.860 min
Delta R.T.: -0.002 min
Response: 614812
Conc: 6.56 ng/ml



#33 AR-1260-3

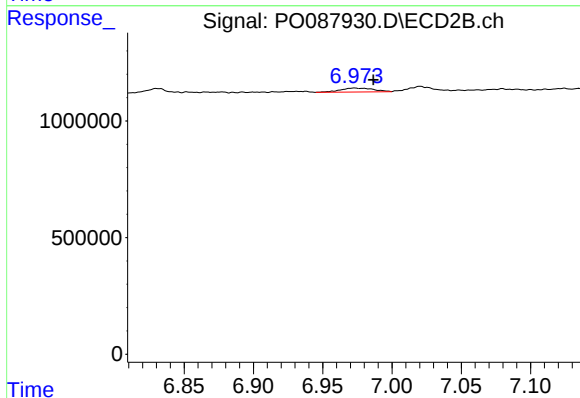
R.T.: 6.509 min
Delta R.T.: -0.005 min
Response: 414487
Conc: 6.56 ng/ml



#34 AR-1260-4

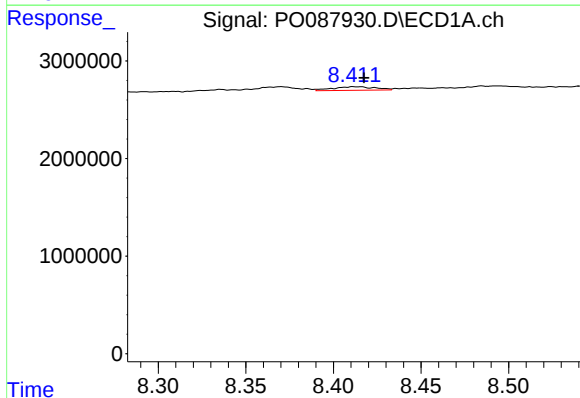
R.T.: 8.105 min
Delta R.T.: 0.017 min
Response: 285621
Conc: 2.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



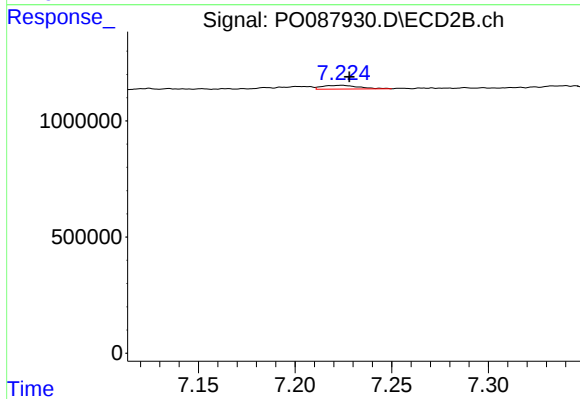
#34 AR-1260-4

R.T.: 6.973 min
Delta R.T.: -0.014 min
Response: 275822
Conc: 5.93 ng/ml



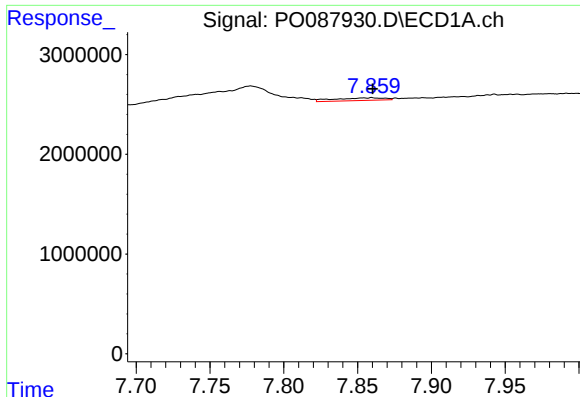
#35 AR-1260-5

R.T.: 8.415 min
Delta R.T.: -0.003 min
Response: 617507
Conc: 3.13 ng/ml



#35 AR-1260-5

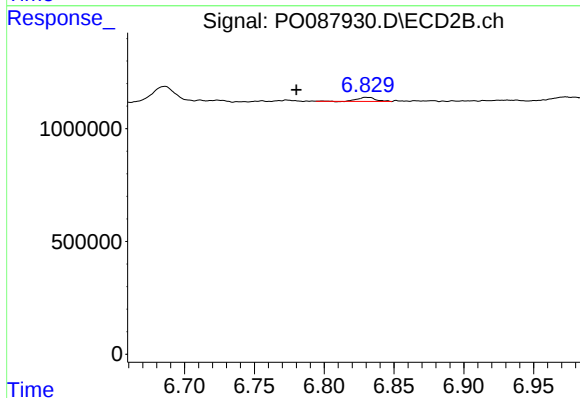
R.T.: 7.224 min
Delta R.T.: -0.004 min
Response: 210208
Conc: 1.95 ng/ml



#36 AR-1262-1

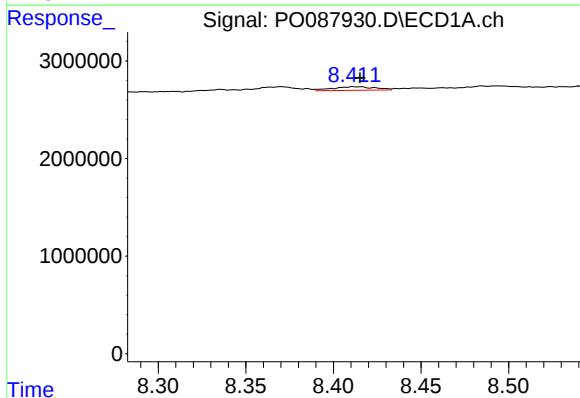
R.T.: 7.860 min
Delta R.T.: 0.000 min
Response: 614812
Conc: 4.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



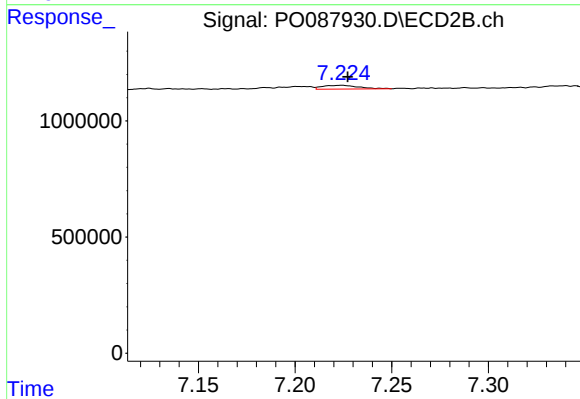
#36 AR-1262-1

R.T.: 6.830 min
Delta R.T.: 0.050 min
Response: 163298
Conc: 6.22 ng/ml



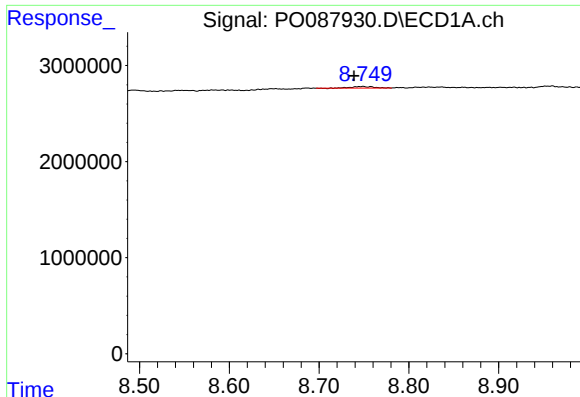
#37 AR-1262-2

R.T.: 8.415 min
Delta R.T.: 0.000 min
Response: 617507
Conc: 2.46 ng/ml



#37 AR-1262-2

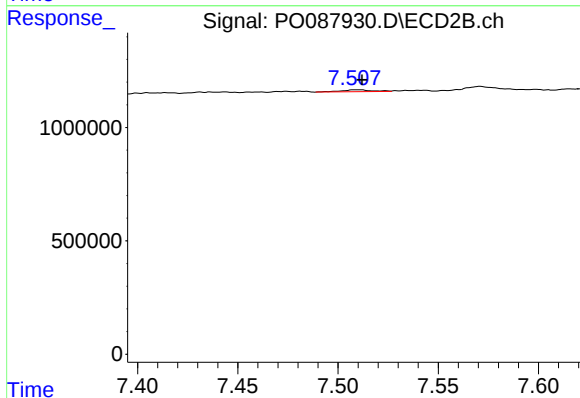
R.T.: 7.224 min
Delta R.T.: -0.003 min
Response: 210208
Conc: 1.98 ng/ml



#38 AR-1262-3

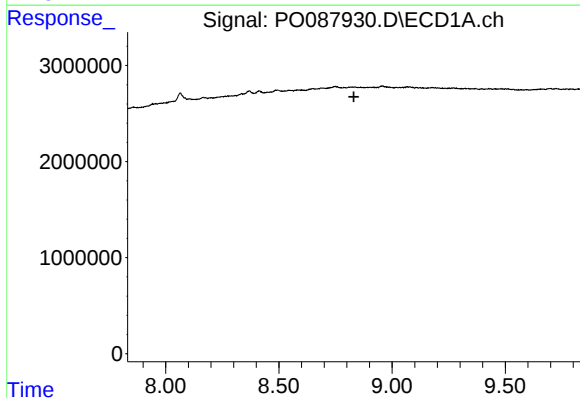
R.T.: 8.749 min
Delta R.T.: 0.010 min
Response: 297091
Conc: 1.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



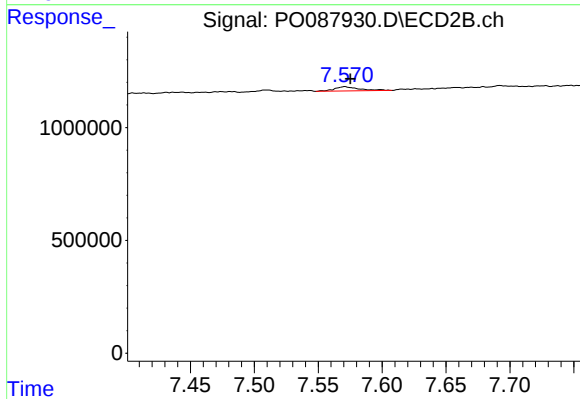
#38 AR-1262-3

R.T.: 7.510 min
Delta R.T.: -0.002 min
Response: 91780
Conc: 2.24 ng/ml



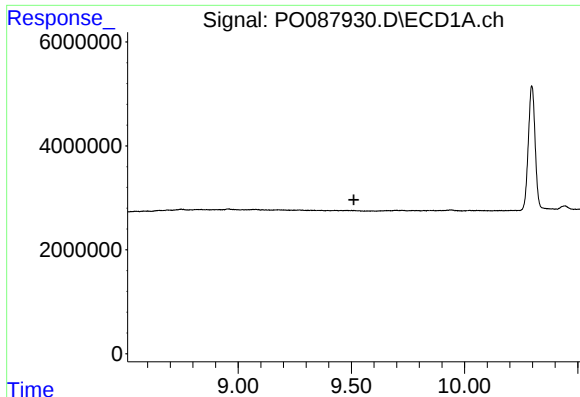
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.831 min
Response: 0
Conc: N.D.



#39 AR-1262-4

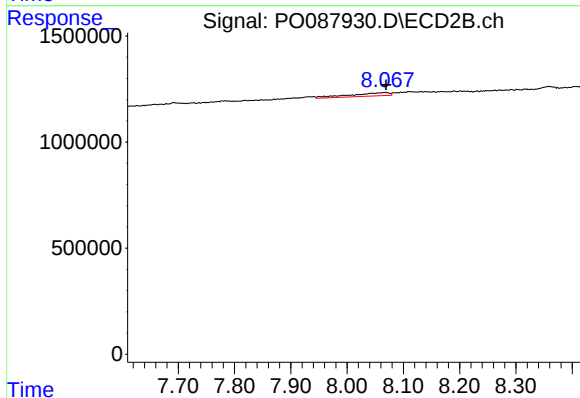
R.T.: 7.571 min
Delta R.T.: -0.004 min
Response: 258256
Conc: 3.45 ng/ml



#40 AR-1262-5

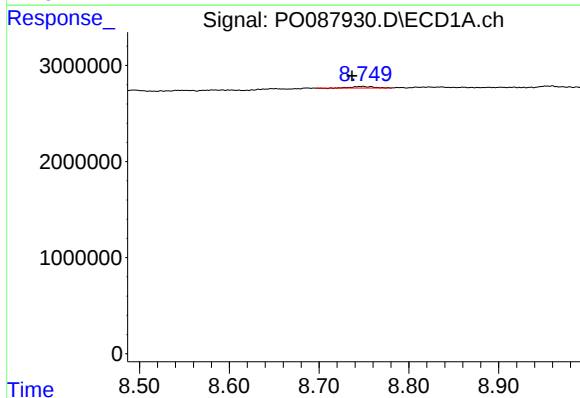
R.T.: 0.000 min
Exp R.T.: 9.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



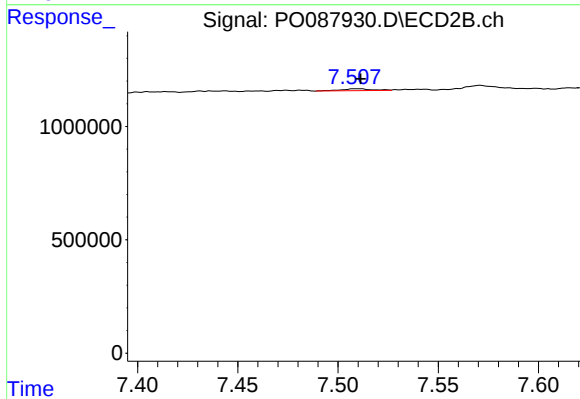
#40 AR-1262-5

R.T.: 8.067 min
Delta R.T.: -0.002 min
Response: 776614
Conc: 23.15 ng/ml



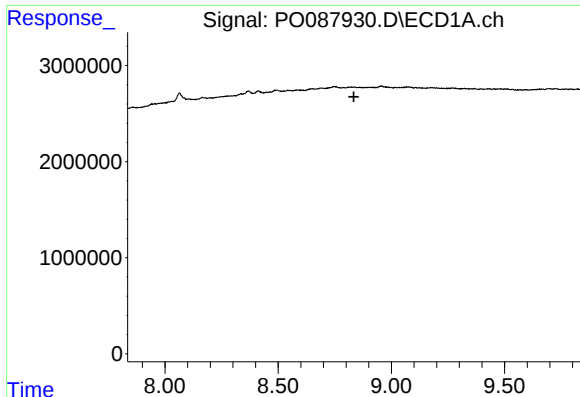
#41 AR-1268-1

R.T.: 8.749 min
Delta R.T.: 0.012 min
Response: 297091
Conc: 1.01 ng/ml



#41 AR-1268-1

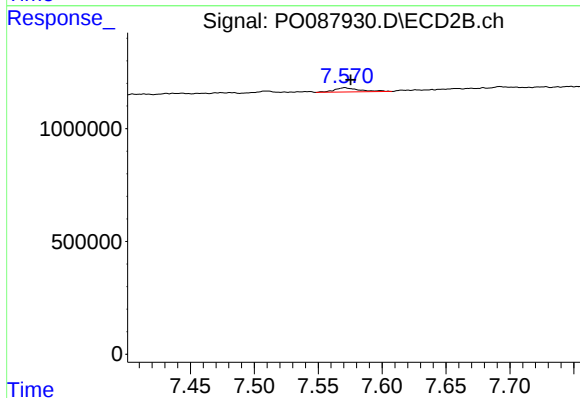
R.T.: 7.510 min
Delta R.T.: -0.001 min
Response: 91780
Conc: 0.80 ng/ml



#42 AR-1268-2

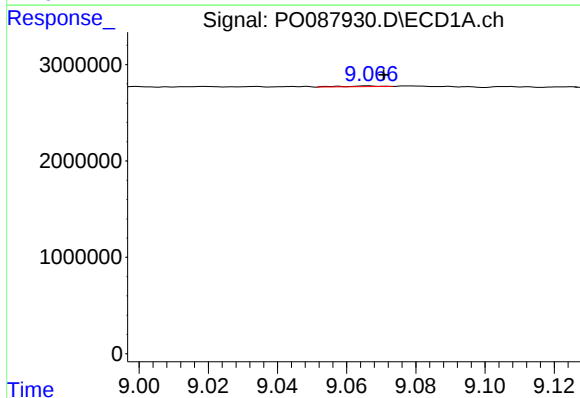
R.T.: 0.000 min
Exp R.T.: 8.834 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



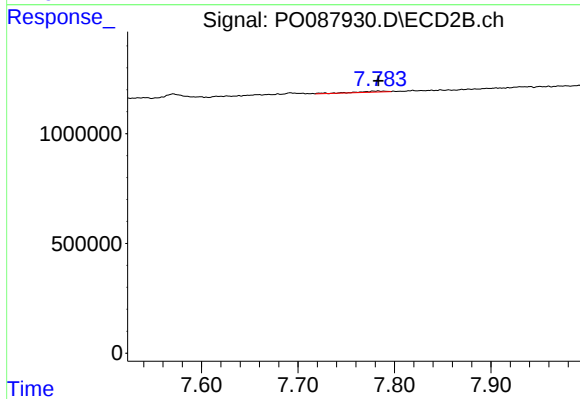
#42 AR-1268-2

R.T.: 7.571 min
Delta R.T.: -0.005 min
Response: 258256
Conc: 2.52 ng/ml



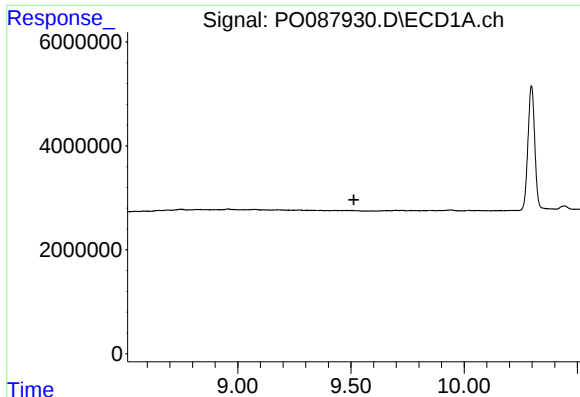
#43 AR-1268-3

R.T.: 9.066 min
Delta R.T.: -0.005 min
Response: 60261
Conc: 0.26 ng/ml



#43 AR-1268-3

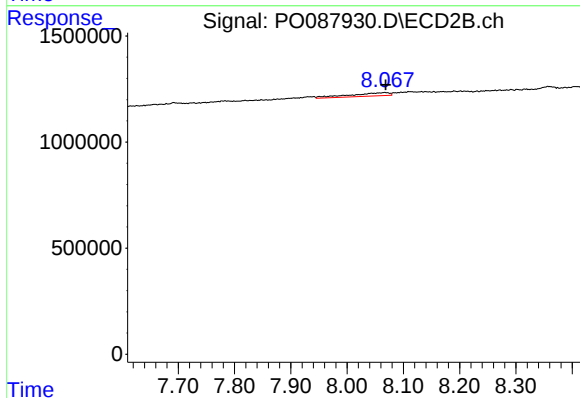
R.T.: 7.783 min
Delta R.T.: 0.000 min
Response: 89804
Conc: 1.06 ng/ml



#44 AR-1268-4

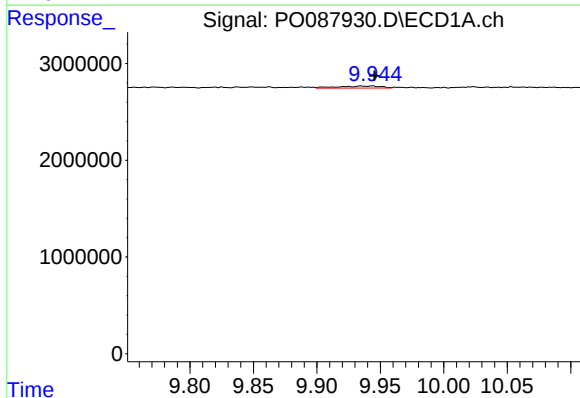
R.T.: 0.000 min
Exp R.T.: 9.513 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



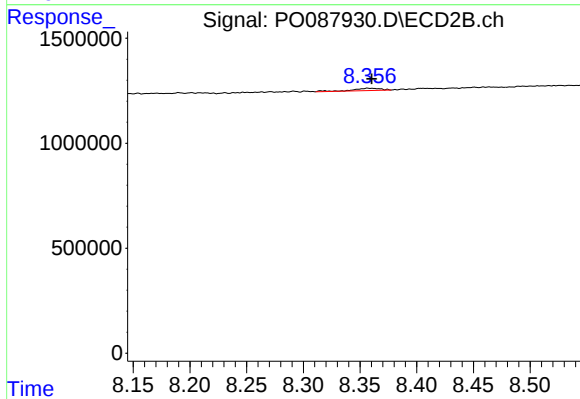
#44 AR-1268-4

R.T.: 8.067 min
Delta R.T.: -0.002 min
Response: 776614
Conc: 21.89 ng/ml



#45 AR-1268-5

R.T.: 9.944 min
Delta R.T.: -0.002 min
Response: 505839
Conc: 0.67 ng/ml



#45 AR-1268-5

R.T.: 8.357 min
Delta R.T.: -0.003 min
Response: 180948
Conc: 0.72 ng/ml