

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0032223\
 Data File : P0093439.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Mar 2023 19:42
 Operator : YP/AJ
 Sample : 02044-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 23 01:04:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\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...	4.426	3.631	52097375	18835536	16.637	16.700
2)	SA Decachlor...	10.253	8.657	36798533	16056007	17.003	16.398
Target Compounds							
3)	L1 AR-1016-1	5.635	0.000	690355	0	7.225	N.D. #
4)	L1 AR-1016-2	5.635	0.000	690355	0	4.835	N.D. #
5)	L1 AR-1016-3	5.678	0.000	1086410	0	11.974	N.D. #
6)	L1 AR-1016-4	5.827f	0.000	194137	0	2.865	N.D. #
7)	L1 AR-1016-5	6.089	0.000	306973	0	4.100	N.D. #
8)	L2 AR-1221-1	4.633	0.000	900570	0	22.279	N.D. #
9)	L2 AR-1221-2	4.734	0.000	857899	0	28.309	N.D. #
10)	L2 AR-1221-3	4.799	0.000	66223	0	0.724	N.D. #
11)	L3 AR-1232-1	4.799	0.000	66223	0	0.907	N.D. #
12)	L3 AR-1232-2	5.349	0.000	40541	0	1.127	N.D. #
13)	L3 AR-1232-3	5.635	0.000	690355	0	10.545	N.D. #
14)	L3 AR-1232-4	5.827f	0.000	194137	0	6.341	N.D. #
15)	L3 AR-1232-5	5.882	0.000	266660	0	9.610	N.D. #
16)	L4 AR-1242-1	5.635	0.000	690355	0	8.423	N.D. #
17)	L4 AR-1242-2	5.635	0.000	690355	0	5.752	N.D. #
18)	L4 AR-1242-3	5.678	0.000	1086410	0	14.156	N.D. #
19)	L4 AR-1242-4	5.827f	0.000	194137	0	3.388	N.D. #
20)	L4 AR-1242-5	6.539	5.519	561133	336699	8.980	11.786 #
21)	L5 AR-1248-1	5.635	0.000	690355	0	11.105	N.D. #
22)	L5 AR-1248-2	5.882	0.000	266660	0	2.792	N.D. #
23)	L5 AR-1248-3	6.089	0.000	306973	0	2.950	N.D. #
24)	L5 AR-1248-4	6.491	0.000	556871	0	5.469	N.D. #
25)	L5 AR-1248-5	6.539	5.519f	561133	336699	5.482	9.155 #
26)	L6 AR-1254-1	6.468	5.519	971377	336699	8.312	5.365 #
27)	L6 AR-1254-2	6.684	5.722f	919698	1190596	5.383	21.128 #
28)	L6 AR-1254-3	7.054	6.071	1913237	501448	11.509	5.824 #
29)	L6 AR-1254-4	7.342	0.000	1496511	0	14.039	N.D. #
30)	L6 AR-1254-5	7.764	6.719	1774397	445608	13.104	6.034 #
31)	L7 AR-1260-1	7.220	6.202	1324132	346599	10.221	5.701 #
32)	L7 AR-1260-2	7.475	6.391	2164686	277796	14.663	3.842 #
33)	L7 AR-1260-3	7.845	6.545	349504	321855	3.107	4.813 #
34)	L7 AR-1260-4	8.056	0.000	1329995	0	10.371	N.D. #
35)	L7 AR-1260-5	8.393	7.261	992011	430570	4.440	3.657
36)	L8 AR-1262-1	7.764	6.719	1774397	445608	17.850	11.925 #
37)	L8 AR-1262-2	8.393	7.261	992011	430570	4.180	3.616
38)	L8 AR-1262-3	8.728	0.000	480523	0	2.845	N.D. #
39)	L8 AR-1262-4	8.818	0.000	316008	0	3.528	N.D. #
40)	L8 AR-1262-5	9.489	8.107	528262	105767	5.531	2.584 #
41)	L9 AR-1268-1	8.728	0.000	480523	0	1.505	N.D. #

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 ALS Vial : 23 Sample Multiplier: 1

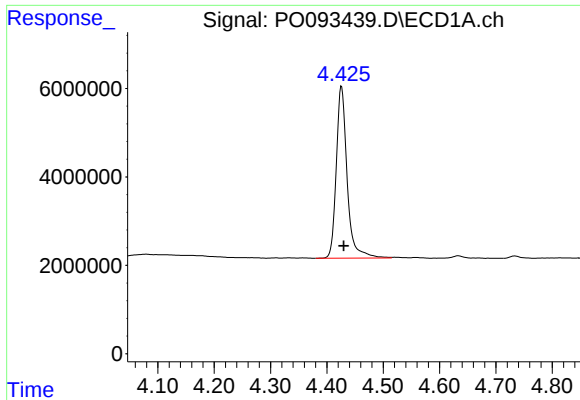
Instrument :
 ECD_O
 ClientSampleId :

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 Integration File signal 2: autoint2.e
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 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	8.818	0.000	316008	0	1.088	N.D. #
43) L9	AR-1268-3	9.047	0.000	68681	0	0.269	N.D. #
44) L9	AR-1268-4	9.489	8.107	528262	105767	4.947	2.145 #
45) L9	AR-1268-5	9.907	0.000	160993	0	0.201	N.D. #

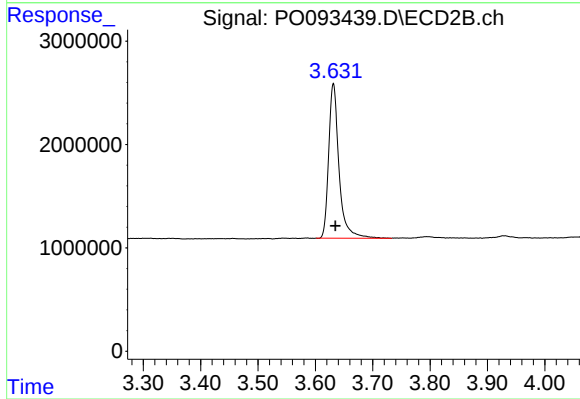
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

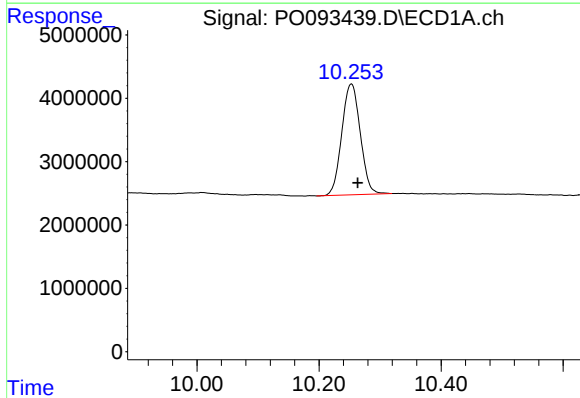
R.T.: 4.426 min
Delta R.T.: -0.004 min
Response: 52097375
Conc: 16.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



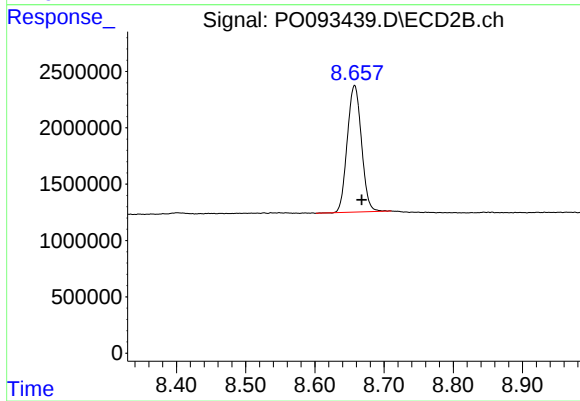
#1 Tetrachloro-m-xylene

R.T.: 3.631 min
Delta R.T.: -0.004 min
Response: 18835536
Conc: 16.70 ng/ml



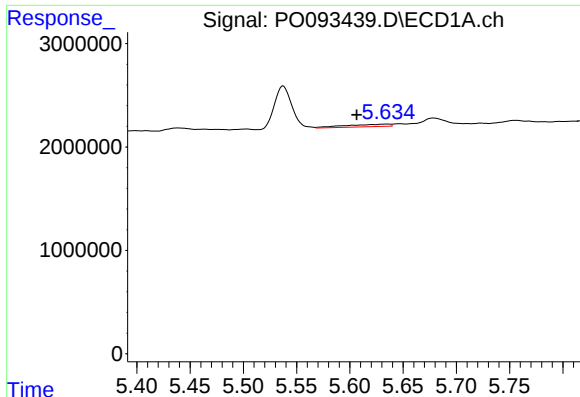
#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.010 min
Response: 36798533
Conc: 17.00 ng/ml



#2 Decachlorobiphenyl

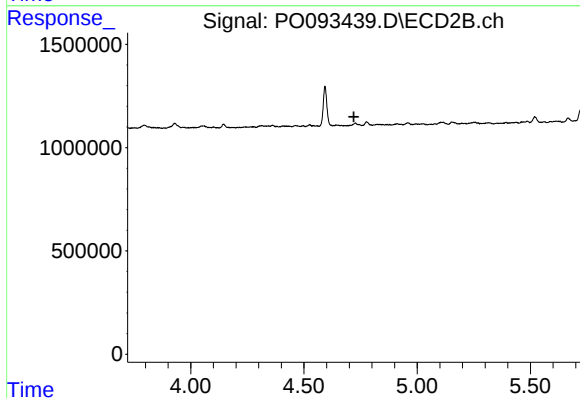
R.T.: 8.657 min
Delta R.T.: -0.011 min
Response: 16056007
Conc: 16.40 ng/ml



#3 AR-1016-1

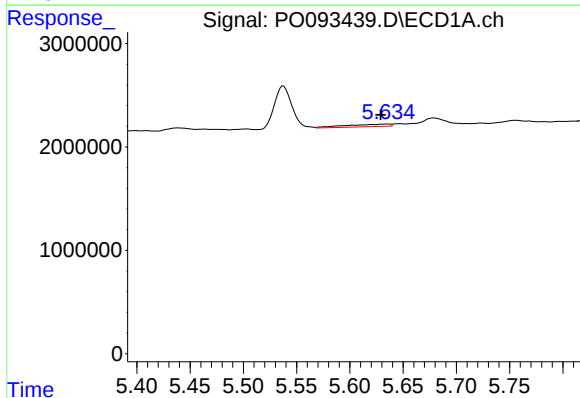
R.T.: 5.635 min
Delta R.T.: 0.029 min
Response: 690355
Conc: 7.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



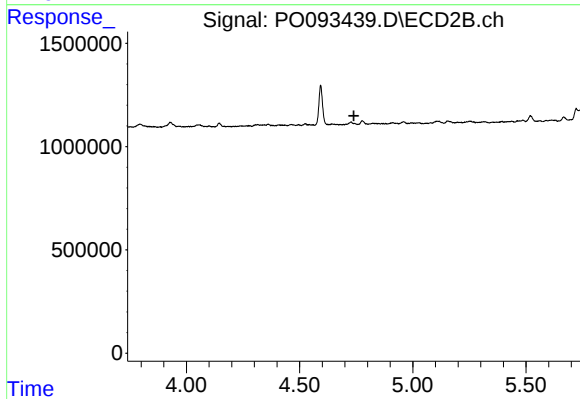
#3 AR-1016-1

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



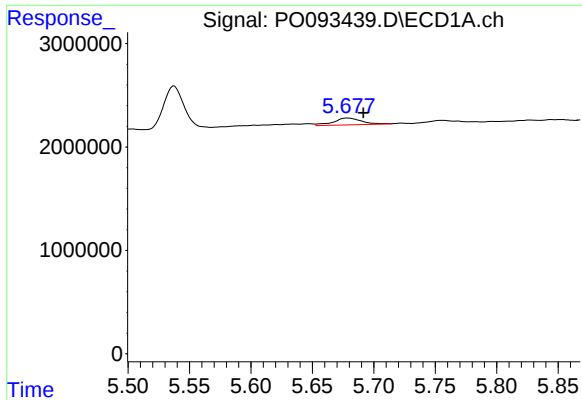
#4 AR-1016-2

R.T.: 5.635 min
Delta R.T.: 0.006 min
Response: 690355
Conc: 4.83 ng/ml



#4 AR-1016-2

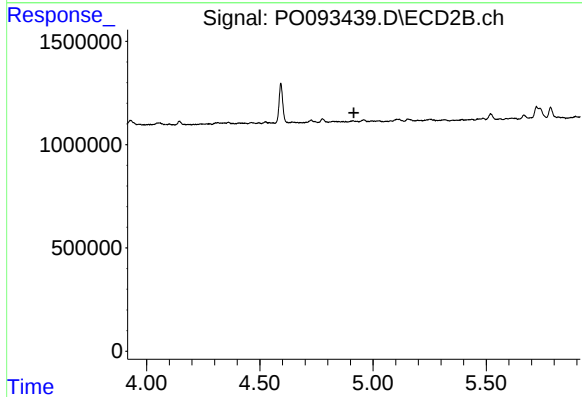
R.T.: 0.000 min
Exp R.T. : 4.739 min
Response: 0
Conc: N.D.



#5 AR-1016-3

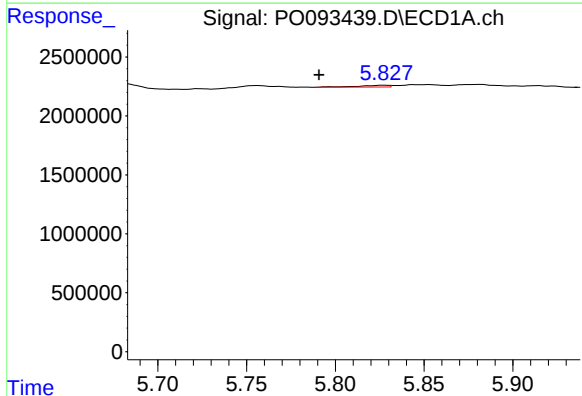
R.T.: 5.678 min
Delta R.T.: -0.013 min
Response: 1086410
Conc: 11.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



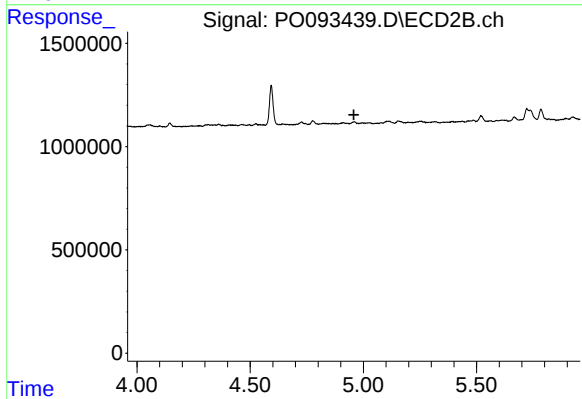
#5 AR-1016-3

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



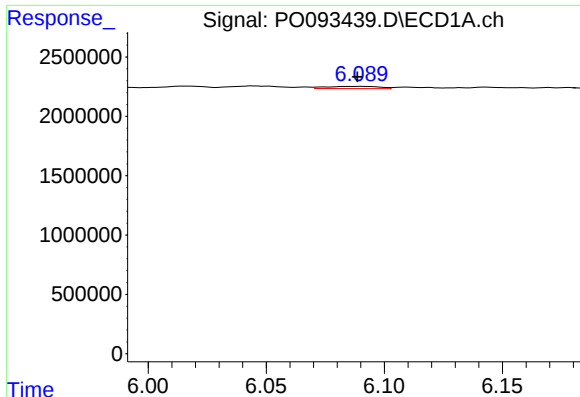
#6 AR-1016-4

R.T.: 5.827 min
Delta R.T.: 0.036 min
Response: 194137
Conc: 2.87 ng/ml



#6 AR-1016-4

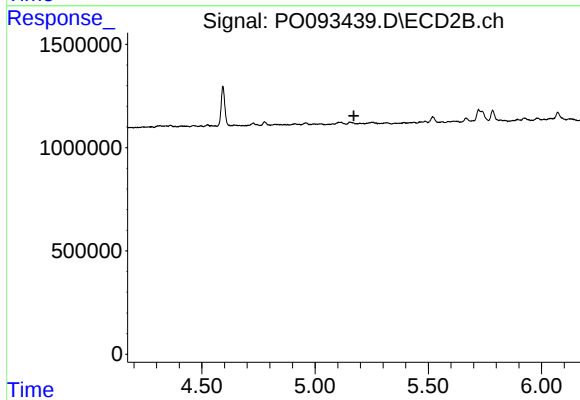
R.T.: 0.000 min
Exp R.T. : 4.958 min
Response: 0
Conc: N.D.



#7 AR-1016-5

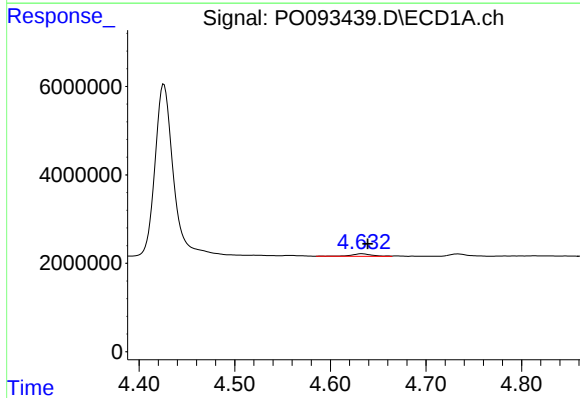
R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 306973
Conc: 4.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



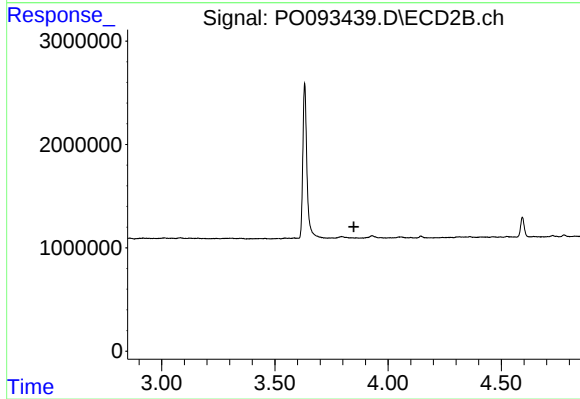
#7 AR-1016-5

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



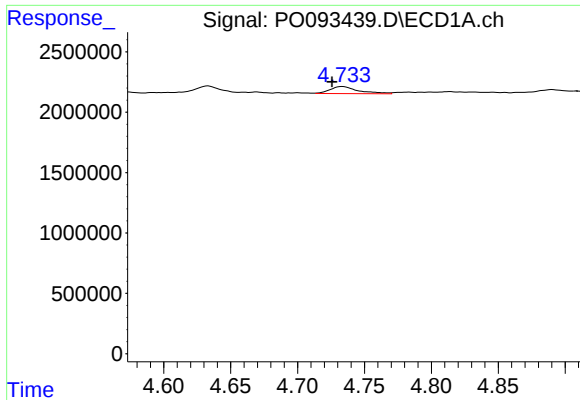
#8 AR-1221-1

R.T.: 4.633 min
Delta R.T.: -0.006 min
Response: 900570
Conc: 22.28 ng/ml



#8 AR-1221-1

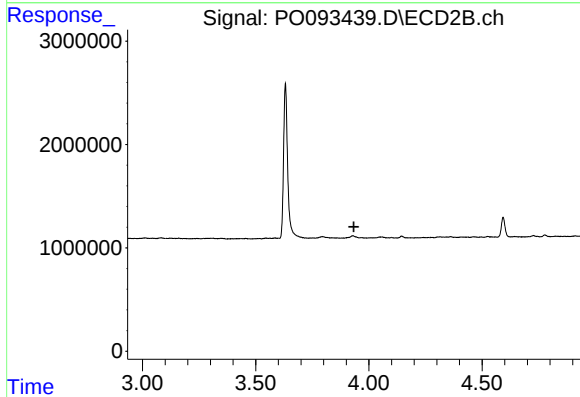
R.T.: 0.000 min
Exp R.T. : 3.849 min
Response: 0
Conc: N.D.



#9 AR-1221-2

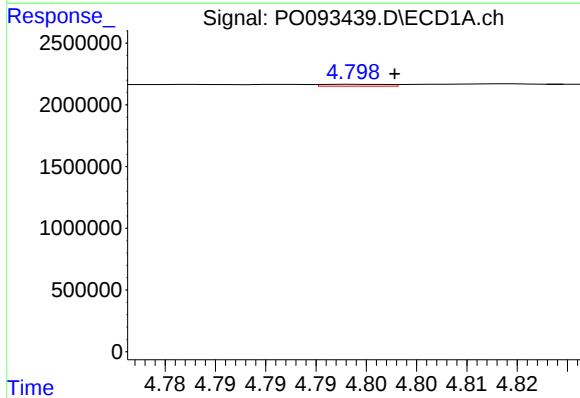
R.T.: 4.734 min
Delta R.T.: 0.008 min
Response: 857899
Conc: 28.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



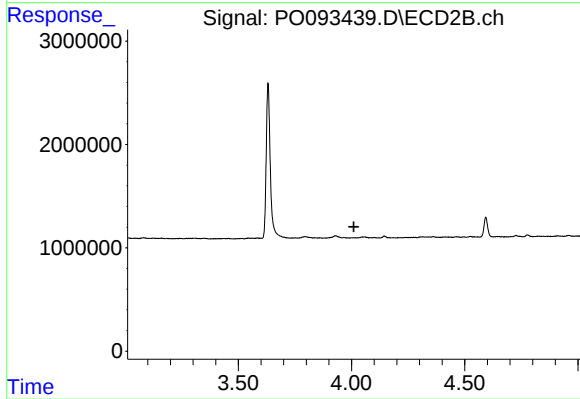
#9 AR-1221-2

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



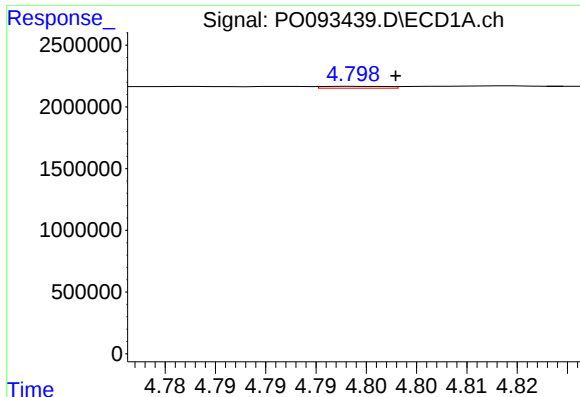
#10 AR-1221-3

R.T.: 4.799 min
Delta R.T.: -0.003 min
Response: 66223
Conc: 0.72 ng/ml



#10 AR-1221-3

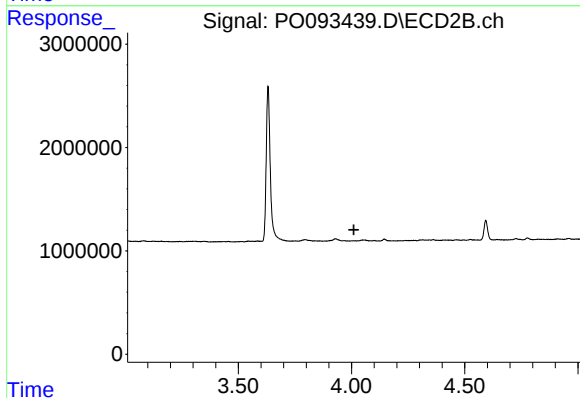
R.T.: 0.000 min
Exp R.T. : 4.010 min
Response: 0
Conc: N.D.



#11 AR-1232-1

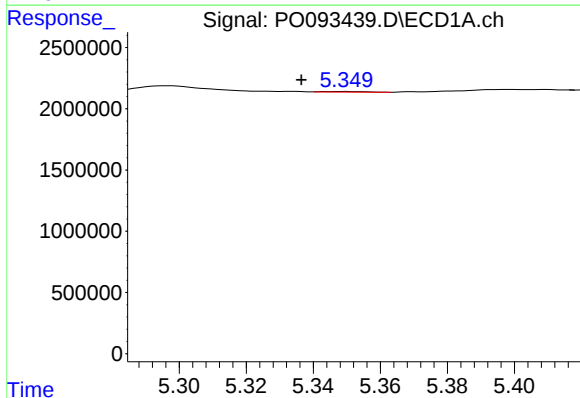
R.T.: 4.799 min
Delta R.T.: -0.004 min
Response: 66223
Conc: 0.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



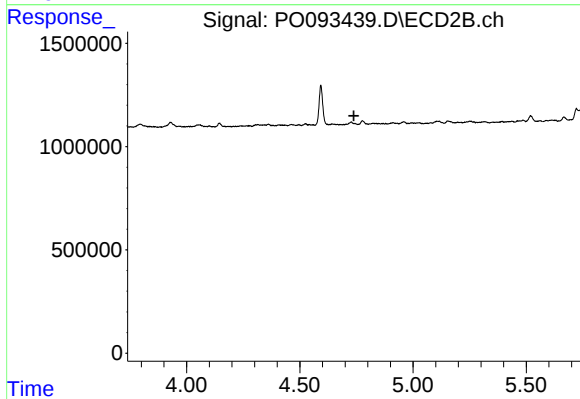
#11 AR-1232-1

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



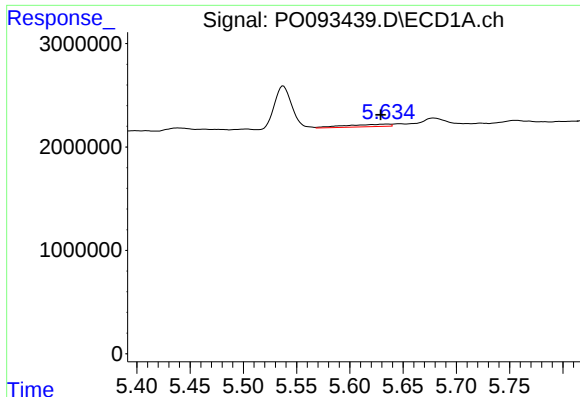
#12 AR-1232-2

R.T.: 5.349 min
Delta R.T.: 0.013 min
Response: 40541
Conc: 1.13 ng/ml



#12 AR-1232-2

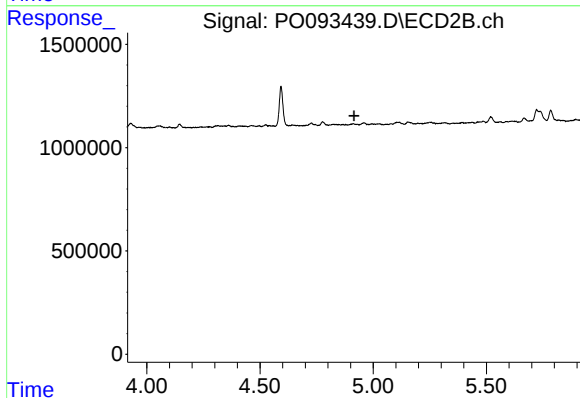
R.T.: 0.000 min
Exp R.T. : 4.739 min
Response: 0
Conc: N.D.



#13 AR-1232-3

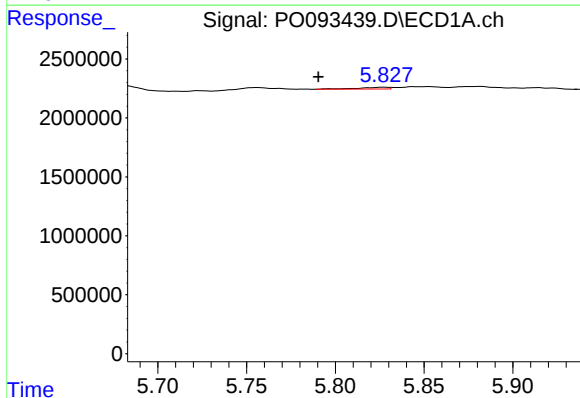
R.T.: 5.635 min
Delta R.T.: 0.006 min
Response: 690355
Conc: 10.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



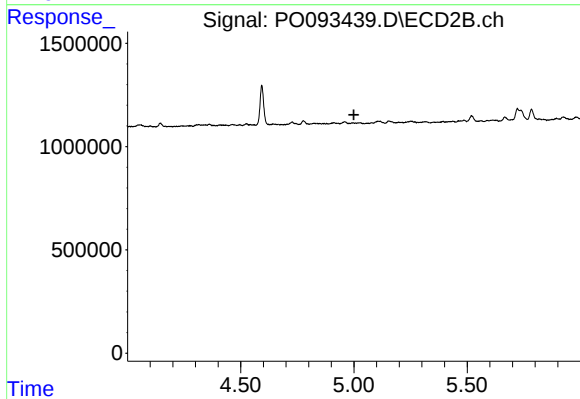
#13 AR-1232-3

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



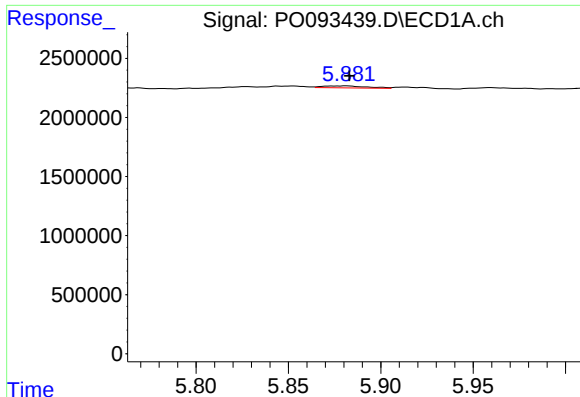
#14 AR-1232-4

R.T.: 5.827 min
Delta R.T.: 0.037 min
Response: 194137
Conc: 6.34 ng/ml



#14 AR-1232-4

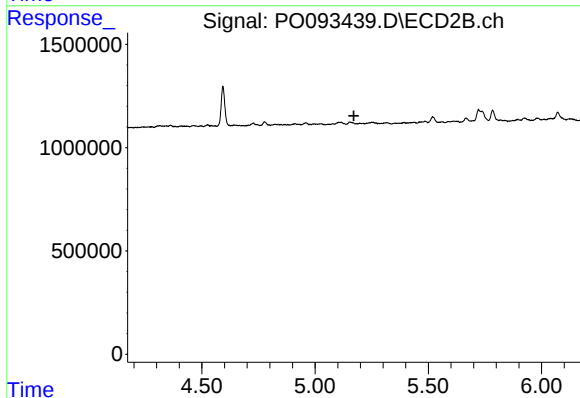
R.T.: 0.000 min
Exp R.T. : 5.000 min
Response: 0
Conc: N.D.



#15 AR-1232-5

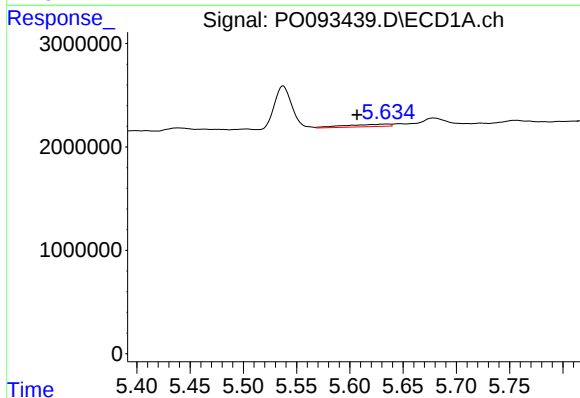
R.T.: 5.882 min
Delta R.T.: -0.001 min
Response: 266660
Conc: 9.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



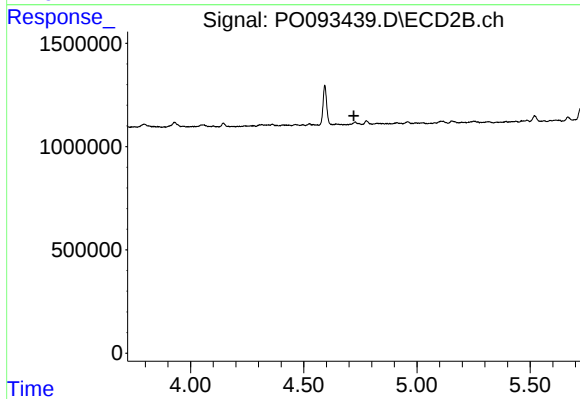
#15 AR-1232-5

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



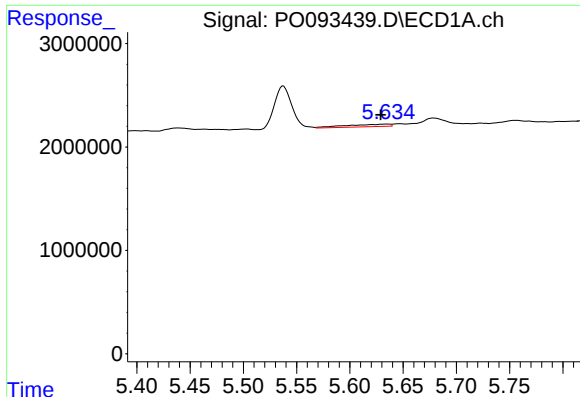
#16 AR-1242-1

R.T.: 5.635 min
Delta R.T.: 0.028 min
Response: 690355
Conc: 8.42 ng/ml



#16 AR-1242-1

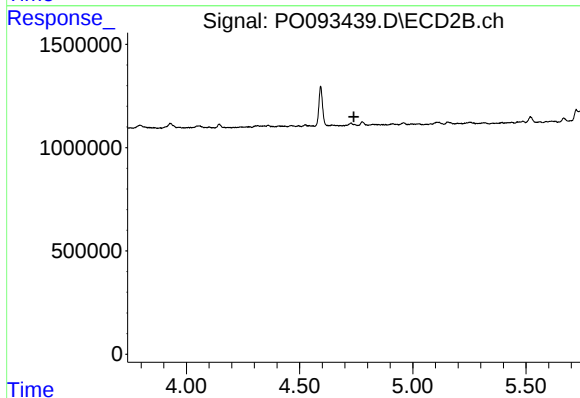
R.T.: 0.000 min
Exp R.T. : 4.721 min
Response: 0
Conc: N.D.



#17 AR-1242-2

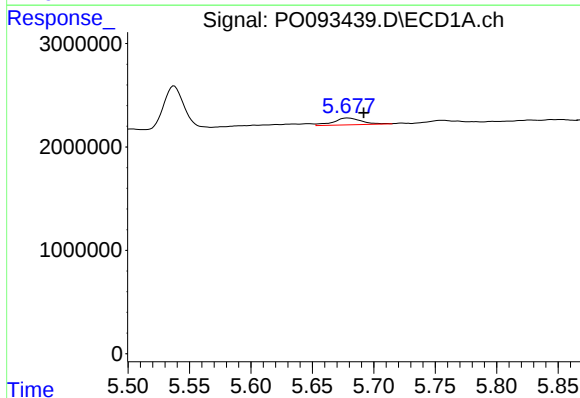
R.T.: 5.635 min
Delta R.T.: 0.006 min
Response: 690355
Conc: 5.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



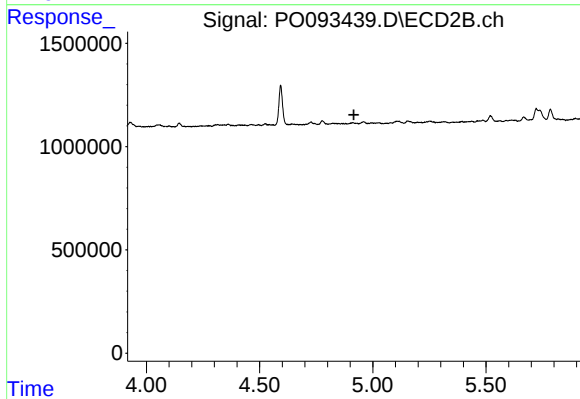
#17 AR-1242-2

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



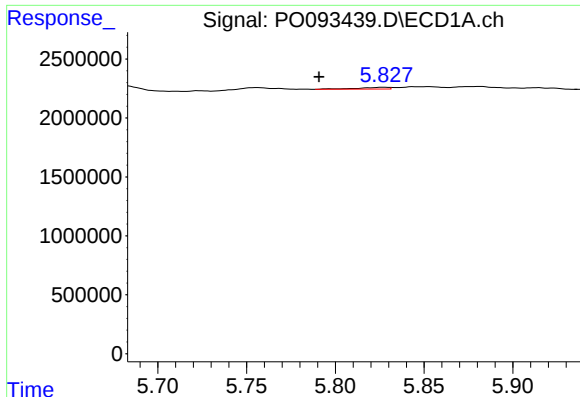
#18 AR-1242-3

R.T.: 5.678 min
Delta R.T.: -0.013 min
Response: 1086410
Conc: 14.16 ng/ml



#18 AR-1242-3

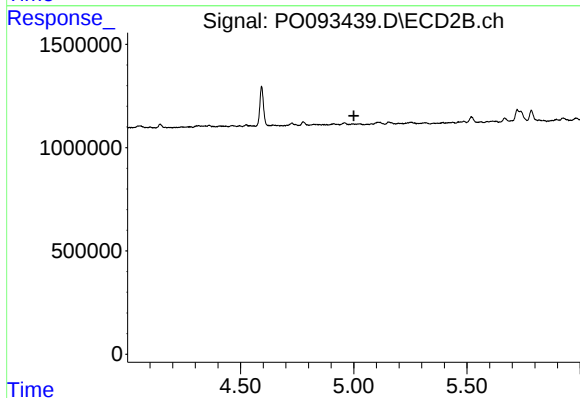
R.T.: 0.000 min
Exp R.T. : 4.916 min
Response: 0
Conc: N.D.



#19 AR-1242-4

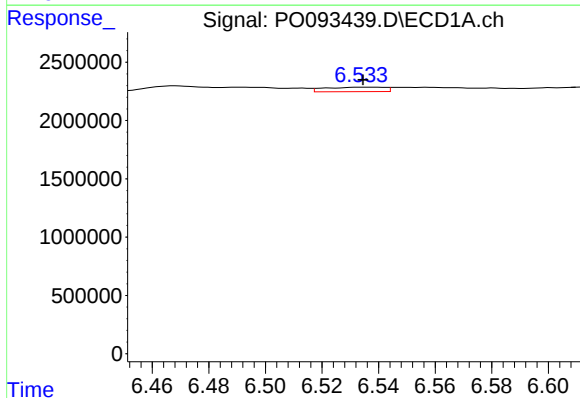
R.T.: 5.827 min
Delta R.T.: 0.037 min
Response: 194137
Conc: 3.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



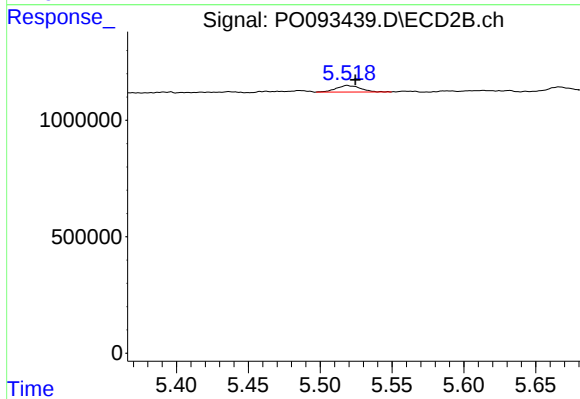
#19 AR-1242-4

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



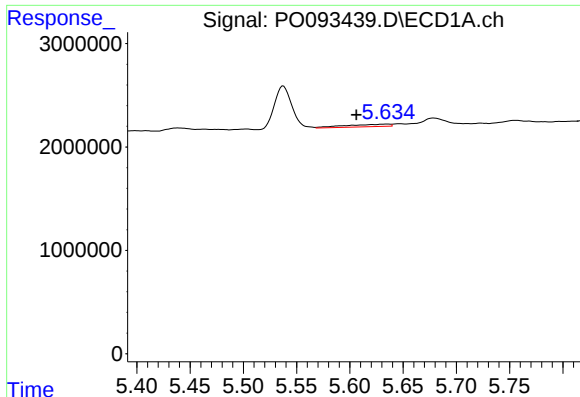
#20 AR-1242-5

R.T.: 6.539 min
Delta R.T.: 0.004 min
Response: 561133
Conc: 8.98 ng/ml



#20 AR-1242-5

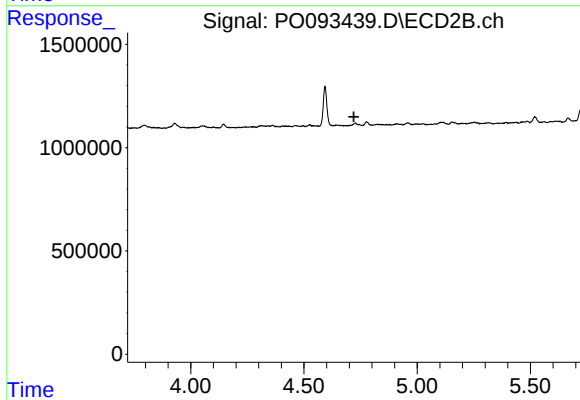
R.T.: 5.519 min
Delta R.T.: -0.006 min
Response: 336699
Conc: 11.79 ng/ml



#21 AR-1248-1

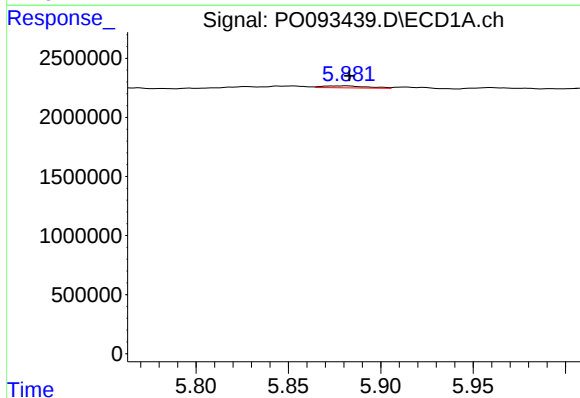
R.T.: 5.635 min
Delta R.T.: 0.029 min
Response: 690355
Conc: 11.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



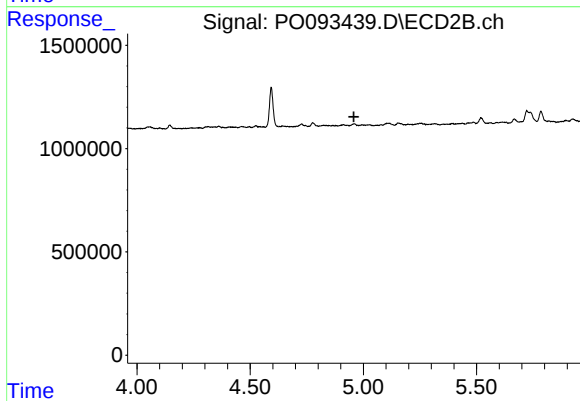
#21 AR-1248-1

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



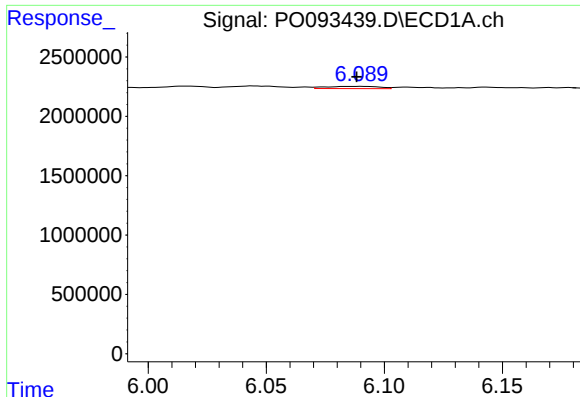
#22 AR-1248-2

R.T.: 5.882 min
Delta R.T.: -0.001 min
Response: 266660
Conc: 2.79 ng/ml



#22 AR-1248-2

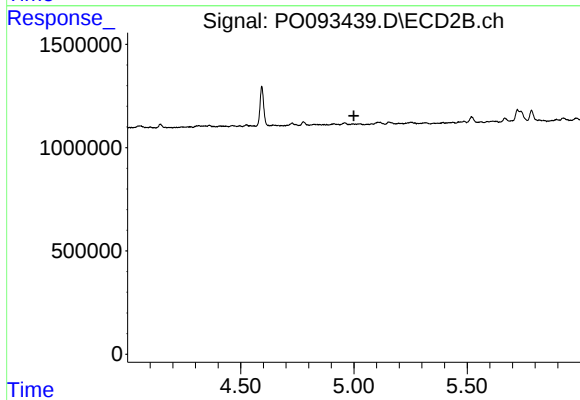
R.T.: 0.000 min
Exp R.T. : 4.958 min
Response: 0
Conc: N.D.



#23 AR-1248-3

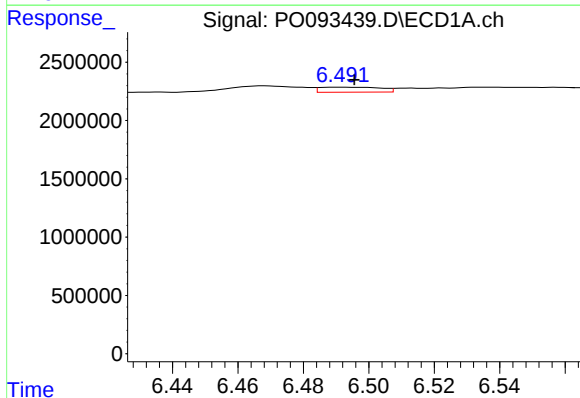
R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 306973
Conc: 2.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



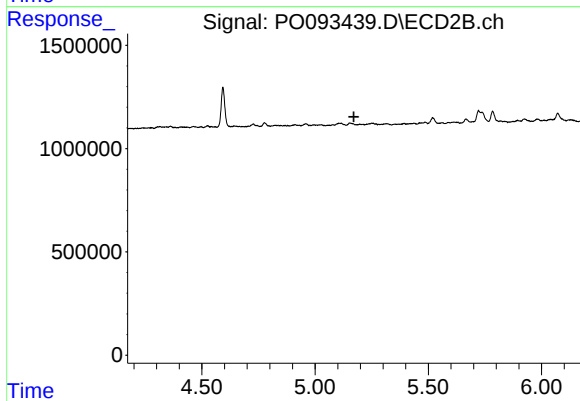
#23 AR-1248-3

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



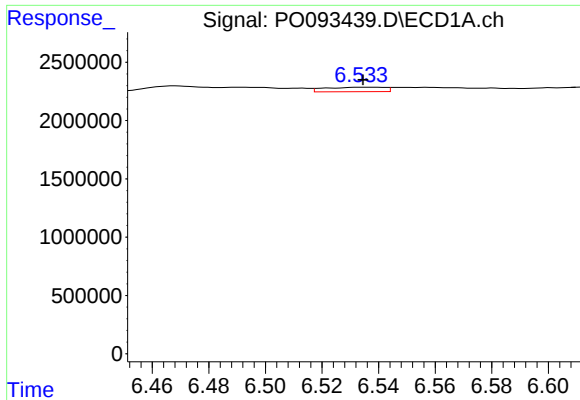
#24 AR-1248-4

R.T.: 6.491 min
Delta R.T.: -0.004 min
Response: 556871
Conc: 5.47 ng/ml



#24 AR-1248-4

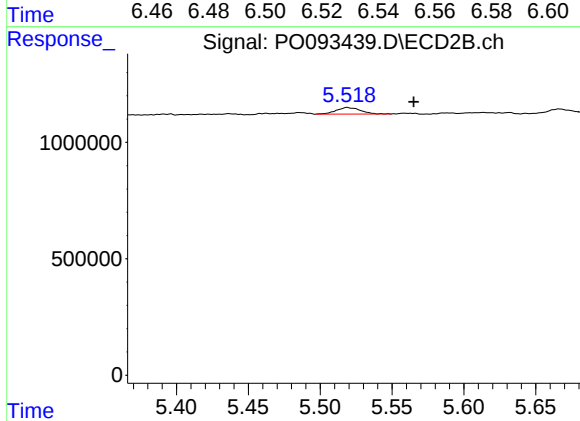
R.T.: 0.000 min
Exp R.T. : 5.172 min
Response: 0
Conc: N.D.



#25 AR-1248-5

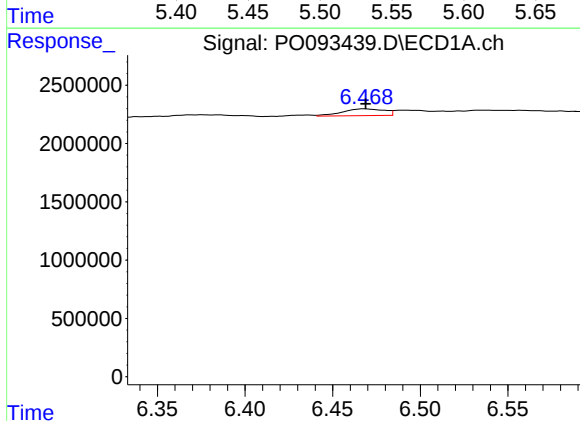
R.T.: 6.539 min
Delta R.T.: 0.004 min
Response: 561133
Conc: 5.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



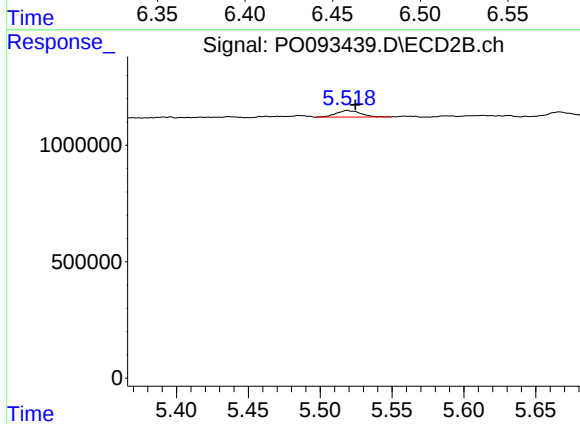
#25 AR-1248-5

R.T.: 5.519 min
Delta R.T.: -0.046 min
Response: 336699
Conc: 9.16 ng/ml



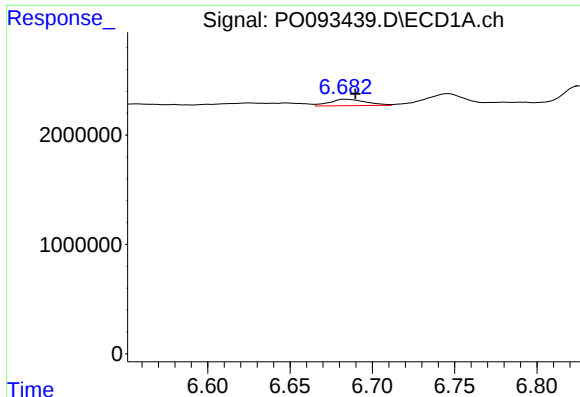
#26 AR-1254-1

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 971377
Conc: 8.31 ng/ml



#26 AR-1254-1

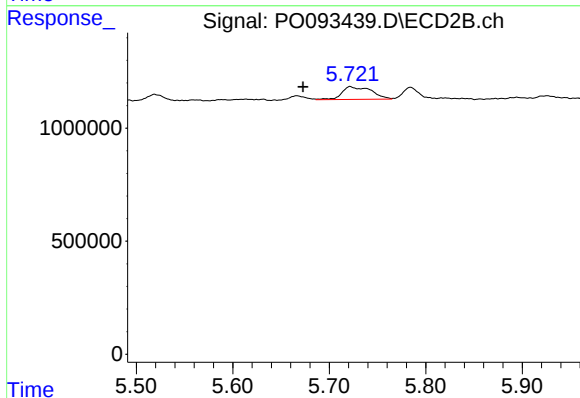
R.T.: 5.519 min
Delta R.T.: -0.006 min
Response: 336699
Conc: 5.36 ng/ml



#27 AR-1254-2

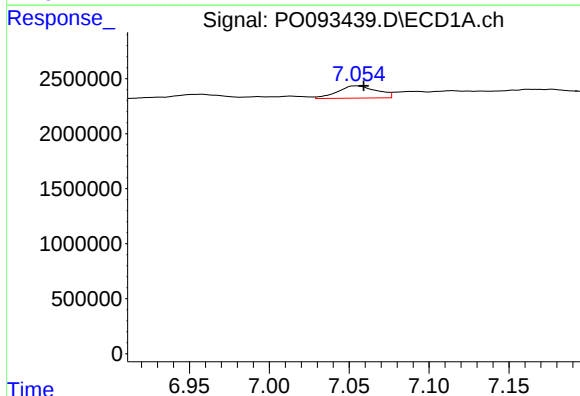
R.T.: 6.684 min
Delta R.T.: -0.006 min
Response: 919698
Conc: 5.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



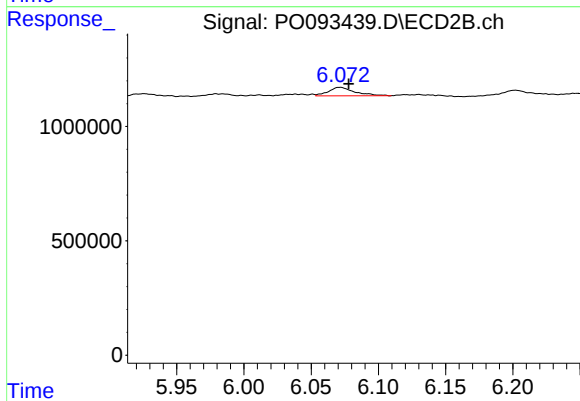
#27 AR-1254-2

R.T.: 5.722 min
Delta R.T.: 0.049 min
Response: 1190596
Conc: 21.13 ng/ml



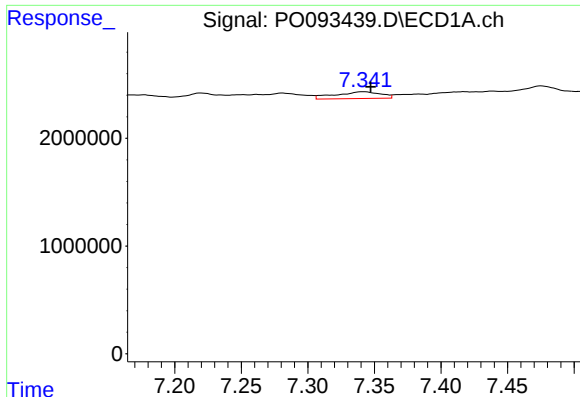
#28 AR-1254-3

R.T.: 7.054 min
Delta R.T.: -0.005 min
Response: 1913237
Conc: 11.51 ng/ml



#28 AR-1254-3

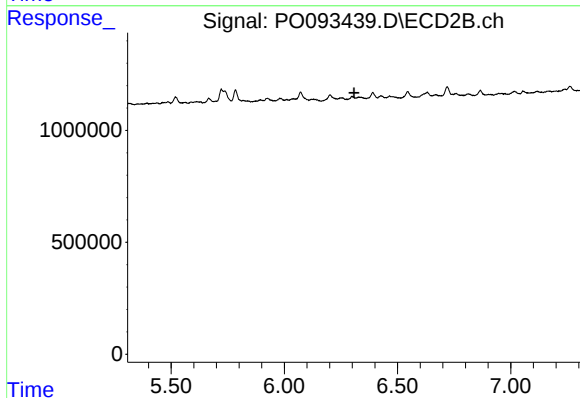
R.T.: 6.071 min
Delta R.T.: -0.006 min
Response: 501448
Conc: 5.82 ng/ml



#29 AR-1254-4

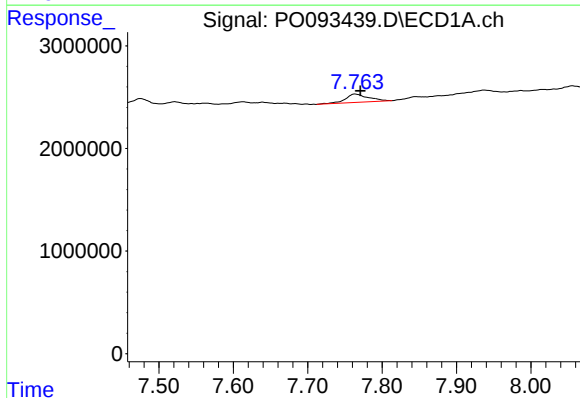
R.T.: 7.342 min
Delta R.T.: -0.005 min
Response: 1496511
Conc: 14.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



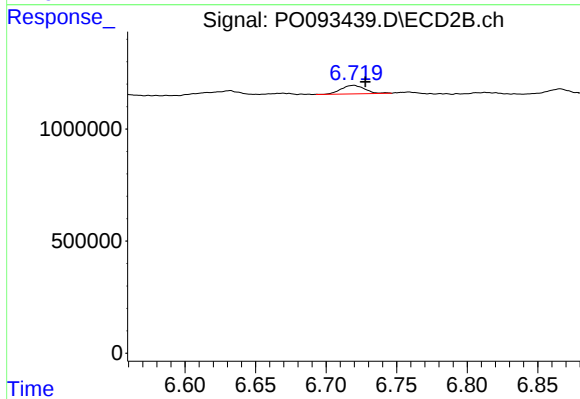
#29 AR-1254-4

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



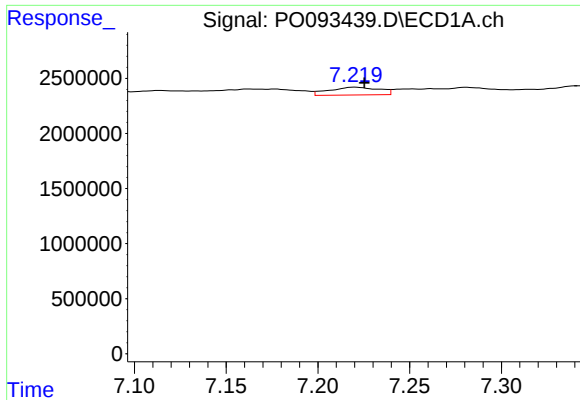
#30 AR-1254-5

R.T.: 7.764 min
Delta R.T.: -0.007 min
Response: 1774397
Conc: 13.10 ng/ml



#30 AR-1254-5

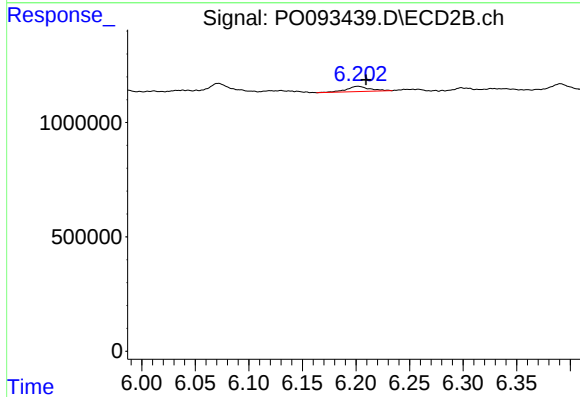
R.T.: 6.719 min
Delta R.T.: -0.009 min
Response: 445608
Conc: 6.03 ng/ml



#31 AR-1260-1

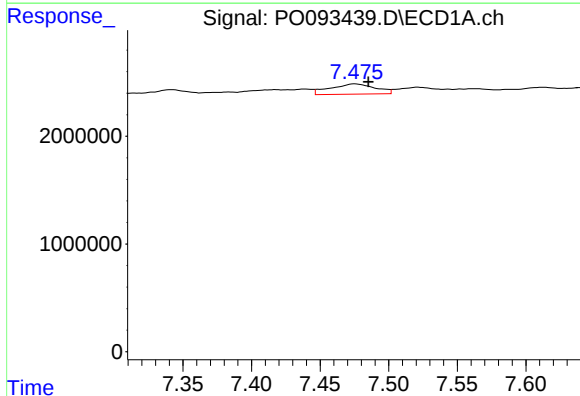
R.T.: 7.220 min
Delta R.T.: -0.006 min
Response: 1324132
Conc: 10.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



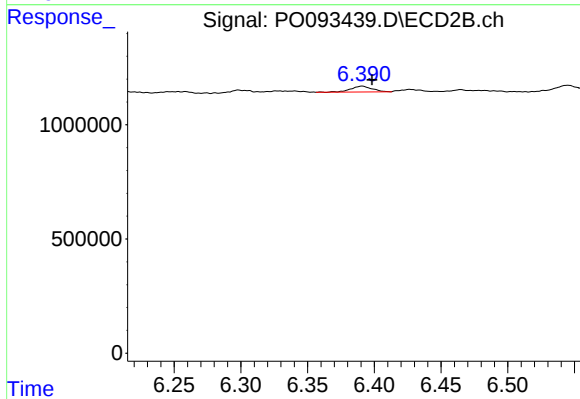
#31 AR-1260-1

R.T.: 6.202 min
Delta R.T.: -0.008 min
Response: 346599
Conc: 5.70 ng/ml



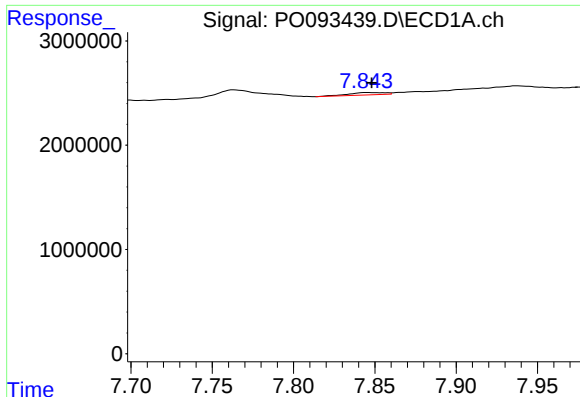
#32 AR-1260-2

R.T.: 7.475 min
Delta R.T.: -0.010 min
Response: 2164686
Conc: 14.66 ng/ml



#32 AR-1260-2

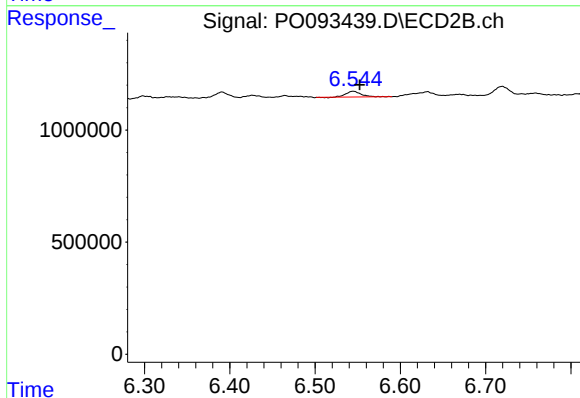
R.T.: 6.391 min
Delta R.T.: -0.007 min
Response: 277796
Conc: 3.84 ng/ml



#33 AR-1260-3

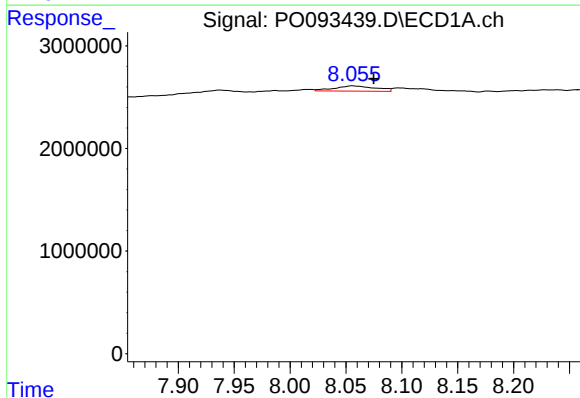
R.T.: 7.845 min
Delta R.T.: -0.003 min
Response: 349504
Conc: 3.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



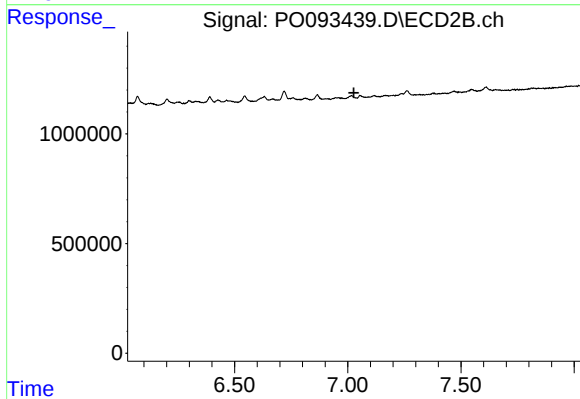
#33 AR-1260-3

R.T.: 6.545 min
Delta R.T.: -0.008 min
Response: 321855
Conc: 4.81 ng/ml



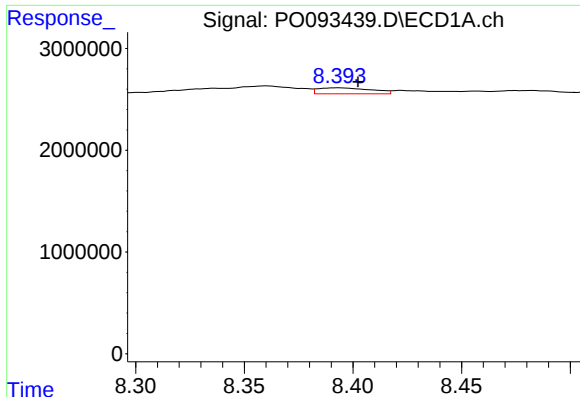
#34 AR-1260-4

R.T.: 8.056 min
Delta R.T.: -0.019 min
Response: 1329995
Conc: 10.37 ng/ml



#34 AR-1260-4

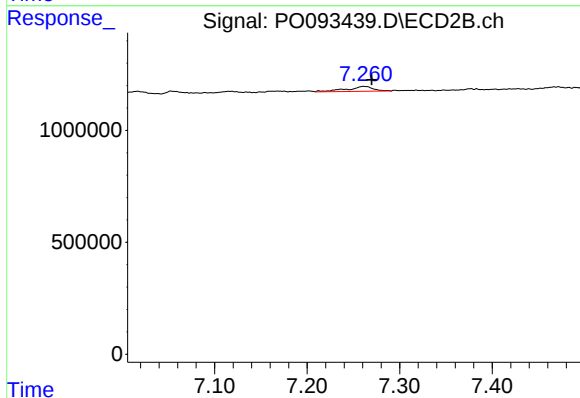
R.T.: 0.000 min
Exp R.T. : 7.027 min
Response: 0
Conc: N.D.



#35 AR-1260-5

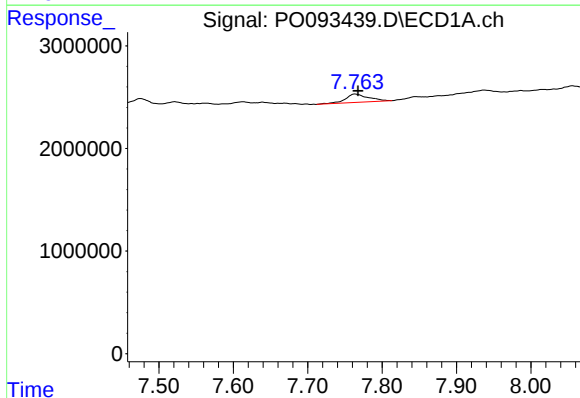
R.T.: 8.393 min
Delta R.T.: -0.009 min
Response: 992011
Conc: 4.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



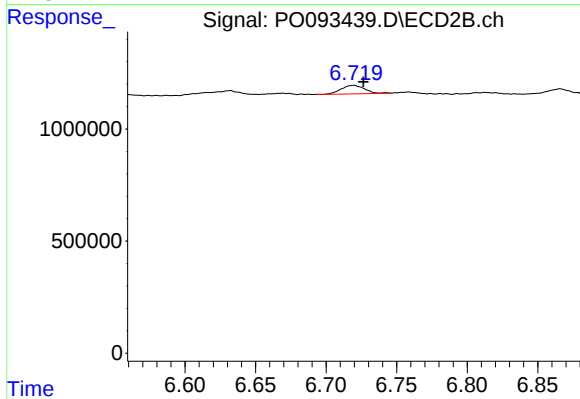
#35 AR-1260-5

R.T.: 7.261 min
Delta R.T.: -0.009 min
Response: 430570
Conc: 3.66 ng/ml



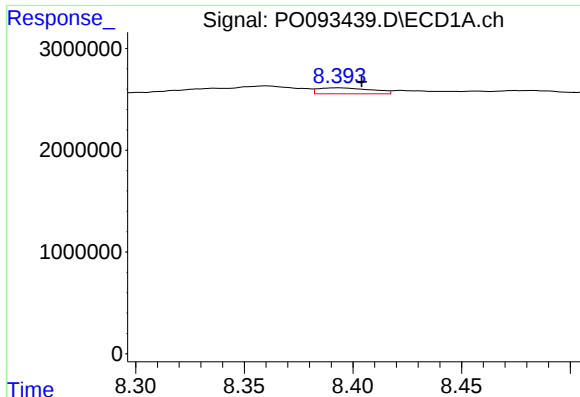
#36 AR-1262-1

R.T.: 7.764 min
Delta R.T.: -0.004 min
Response: 1774397
Conc: 17.85 ng/ml



#36 AR-1262-1

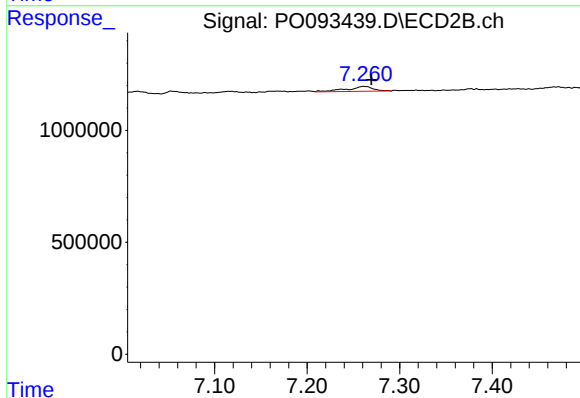
R.T.: 6.719 min
Delta R.T.: -0.007 min
Response: 445608
Conc: 11.92 ng/ml



#37 AR-1262-2

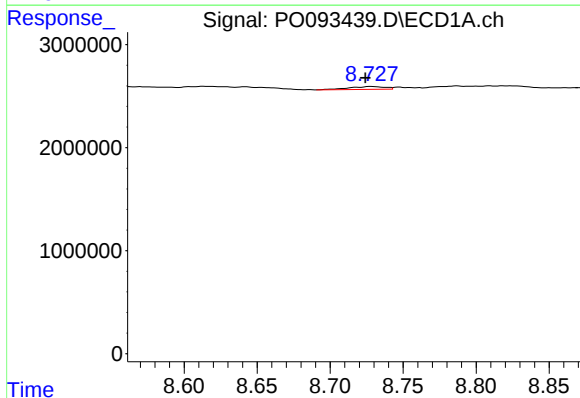
R.T.: 8.393 min
Delta R.T.: -0.011 min
Response: 992011
Conc: 4.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



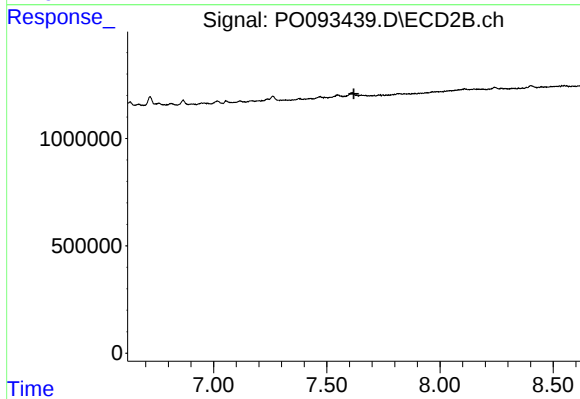
#37 AR-1262-2

R.T.: 7.261 min
Delta R.T.: -0.008 min
Response: 430570
Conc: 3.62 ng/ml



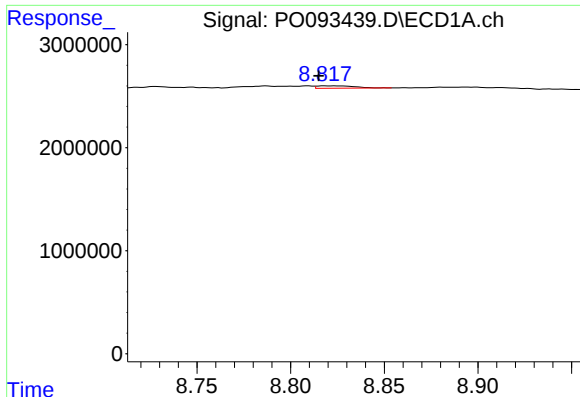
#38 AR-1262-3

R.T.: 8.728 min
Delta R.T.: 0.004 min
Response: 480523
Conc: 2.85 ng/ml



#38 AR-1262-3

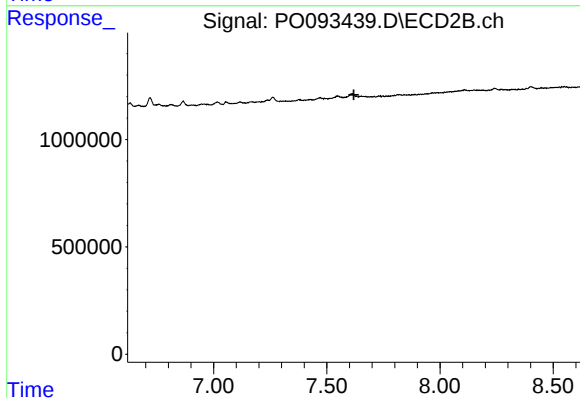
R.T.: 0.000 min
Exp R.T.: 7.620 min
Response: 0
Conc: N.D.



#39 AR-1262-4

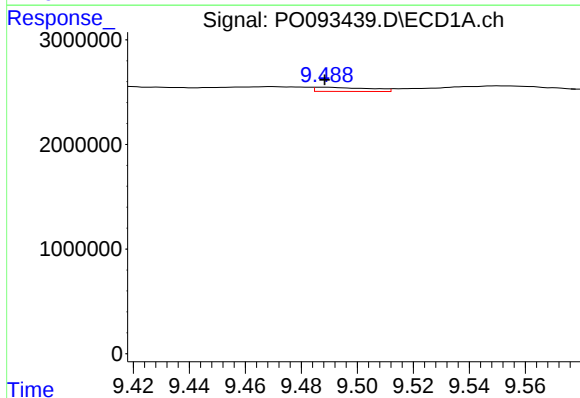
R.T.: 8.818 min
Delta R.T.: 0.003 min
Response: 316008
Conc: 3.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



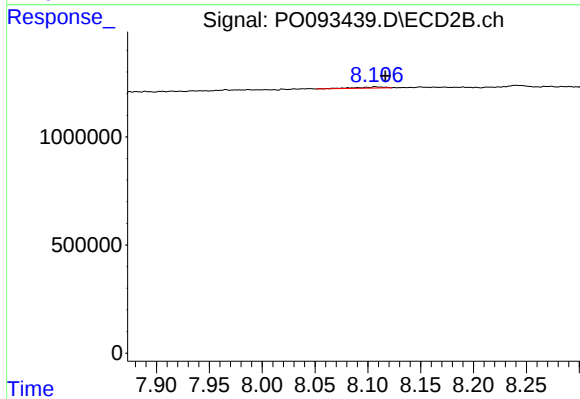
#39 AR-1262-4

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



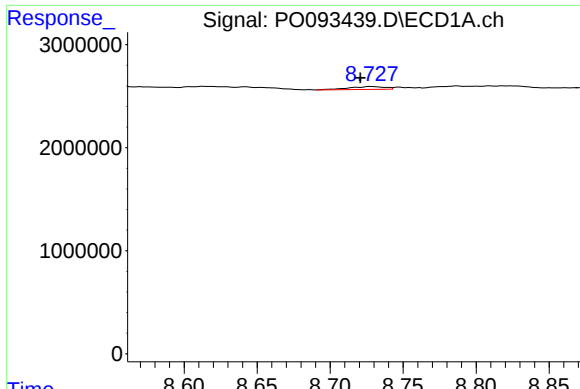
#40 AR-1262-5

R.T.: 9.489 min
Delta R.T.: 0.000 min
Response: 528262
Conc: 5.53 ng/ml



#40 AR-1262-5

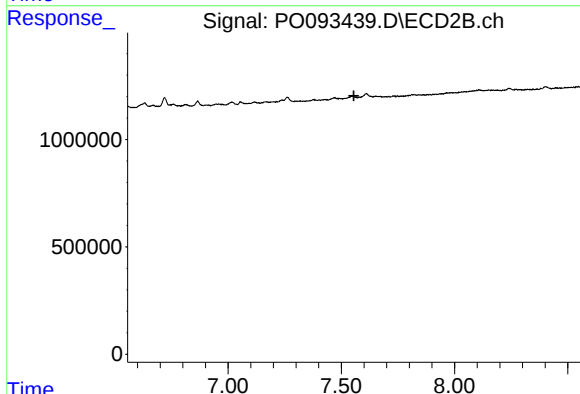
R.T.: 8.107 min
Delta R.T.: -0.010 min
Response: 105767
Conc: 2.58 ng/ml



#41 AR-1268-1

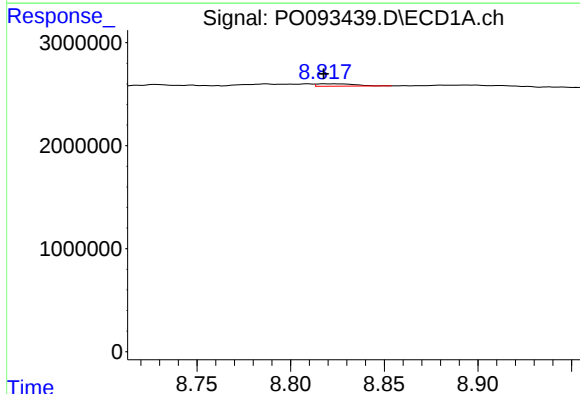
R.T.: 8.728 min
Delta R.T.: 0.007 min
Response: 480523
Conc: 1.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



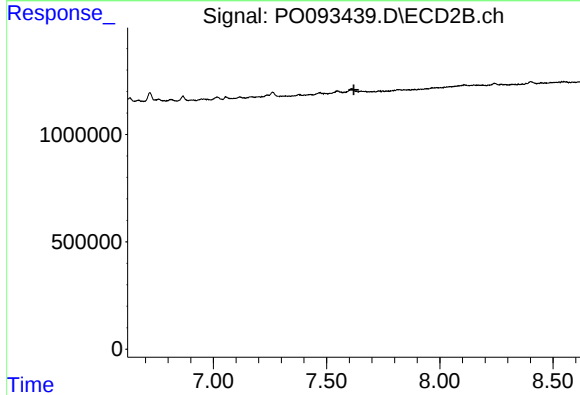
#41 AR-1268-1

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



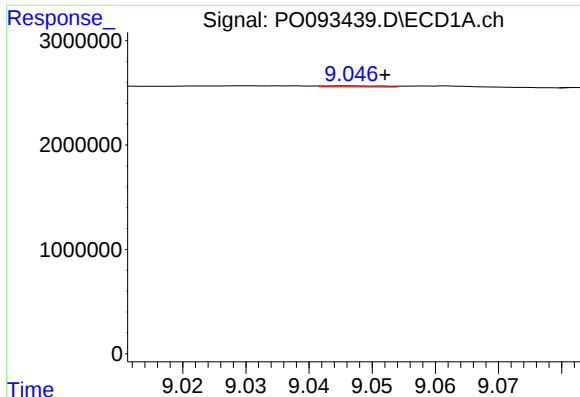
#42 AR-1268-2

R.T.: 8.818 min
Delta R.T.: 0.000 min
Response: 316008
Conc: 1.09 ng/ml



#42 AR-1268-2

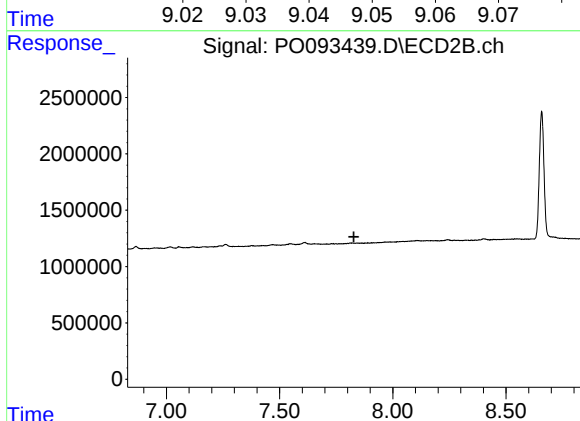
R.T.: 0.000 min
Exp R.T. : 7.620 min
Response: 0
Conc: N.D.



#43 AR-1268-3

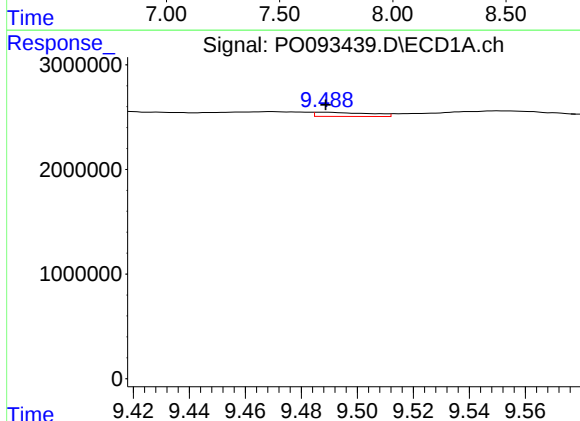
R.T.: 9.047 min
Delta R.T.: -0.005 min
Response: 68681
Conc: 0.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



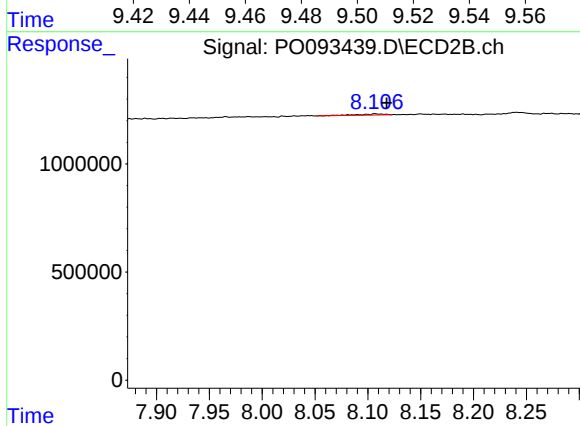
#43 AR-1268-3

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



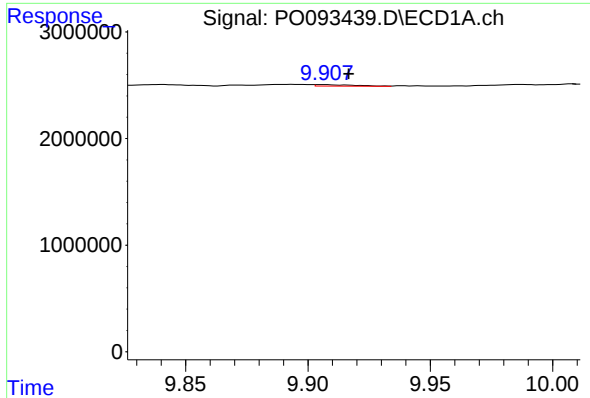
#44 AR-1268-4

R.T.: 9.489 min
Delta R.T.: 0.000 min
Response: 528262
Conc: 4.95 ng/ml



#44 AR-1268-4

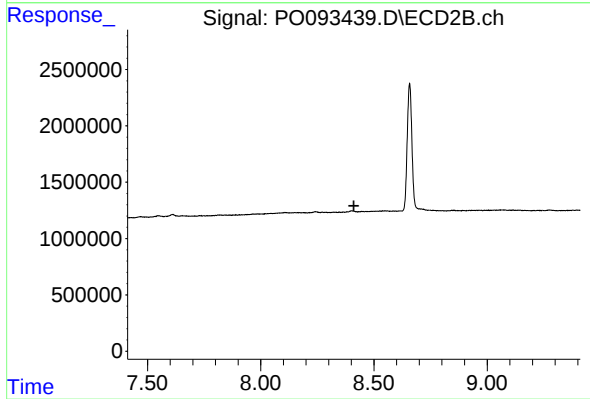
R.T.: 8.107 min
Delta R.T.: -0.011 min
Response: 105767
Conc: 2.14 ng/ml



#45 AR-1268-5

R.T.: 9.907 min
Delta R.T.: -0.010 min
Response: 160993
Conc: 0.20 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.