

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031519\
 Data File : P0054410.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 15 Mar 2019 7:21
 Operator : SM/SJ
 Sample : HEXANE
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 15 14:13:32 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031419.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Mar 15 05:00:00 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	0.000	3.104	0	423090	N.D.	1.665 #
2) SA Decachlor...	0.000	7.675	0	405864	N.D.	1.372 #
Target Compounds						
3) L1 AR-1016-1	0.000	4.067	0	8975812	N.D.	774.734 #
4) L1 AR-1016-2	5.217	4.080	5302136	8500890	29.901	457.860 #
5) L1 AR-1016-3	5.225	4.243	1237955	26367231	12.601	2695.932 #
6) L1 AR-1016-4	5.320	4.279	12225922	11259713	151.960	1467.610 #
7) L1 AR-1016-5	5.599	4.475	87182433	47031291	1257.956	4626.192 #
8) L2 AR-1221-1	0.000	3.304	0	2328370	N.D.	736.303 #
9) L2 AR-1221-2	0.000	3.367	0	2182243	N.D.	926.881 #
10) L2 AR-1221-3	0.000	3.436	0	1272476	N.D.	166.198 #
11) L3 AR-1232-1	0.000	3.436	0	1272476	N.D.	188.991 #
12) L3 AR-1232-2	0.000	4.080	0	8500890	N.D.	939.951 #
13) L3 AR-1232-3	5.217	4.243	5302136	26367231	71.294	5969.261 #
14) L3 AR-1232-4	5.320	4.332	12225922	21073724	360.789	5769.308 #
15) L3 AR-1232-5	5.427	4.475	27135201	47031291	1313.767	10973.493 #
16) L4 AR-1242-1	0.000	4.067	0	8975812	N.D.	944.105 #
17) L4 AR-1242-2	5.217	4.080	5302136	8500890	38.107	547.806 #
18) L4 AR-1242-3	5.225	4.243	1237955	26367231	15.968	3221.464 #
19) L4 AR-1242-4	5.320	4.332	12225922	21073724	189.310	2771.835 #
20) L4 AR-1242-5	6.031	4.784	64593426	5774466	1090.197	550.539 #
21) L5 AR-1248-1	0.000	4.080	0	8500890	N.D.	722.555 #
22) L5 AR-1248-2	5.427	4.279	27135201	11259713	231.155	788.060 #
23) L5 AR-1248-3	5.599	4.332	87182433	21073724	668.103	1467.565 #
24) L5 AR-1248-4	5.993	4.475	519.8E6	47031291	3714.176	2587.814 #
25) L5 AR-1248-5	6.031	4.809	64593426	72449454	470.998	3811.611 #
26) L6 AR-1254-1	5.964	4.784	279.8E6	5774466	3025.658	277.000 #
27) L6 AR-1254-2	0.000	4.937	0	13548977	N.D.	744.462 #
28) L6 AR-1254-3	6.606	5.244	271.5E6	45969392	1954.717	1655.538
29) L6 AR-1254-4	6.812	5.500	59323223	12648171	590.728	683.529
30) L6 AR-1254-5	7.242	5.841	35396768	1831685	387.260	91.185 #
31) L7 AR-1260-1	6.757	5.411	69091620	39725625	765.687	2168.138 #
32) L7 AR-1260-2	6.879	5.596	5620587	30540575	50.697	1371.156 #
33) L7 AR-1260-3	7.242	5.728	35396768	2682770	417.472	130.845 #
35) L7 AR-1260-5	7.766	0.000	64838490	0	360.184	N.D. #
36) L8 AR-1262-1	7.242	0.000	35396768	0	256.456	N.D. #
37) L8 AR-1262-2	7.766	0.000	64838490	0	283.591	N.D. #
38) L8 AR-1262-3	0.000	6.683	0	10335722	N.D.	542.361 #
39) L8 AR-1262-4	0.000	6.683	0	10335722	N.D.	306.803 #
41) L9 AR-1268-1	0.000	6.683	0	10335722	N.D.	208.425 #
42) L9 AR-1268-2	0.000	6.683	0	10335722	N.D.	220.422 #
43) L9 AR-1268-3	0.000	6.869	0	70988	N.D.	1.817 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031519\
Data File : P0054410.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 15 Mar 2019 7:21
Operator : SM/SJ
Sample : HEXANE
Misc :
ALS Vial : 1 Sample Multiplier: 1

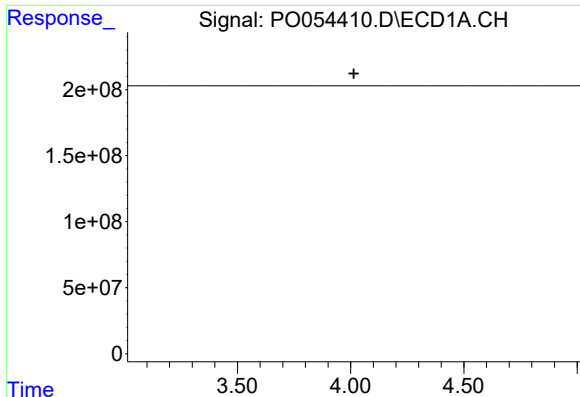
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 15 14:13:32 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031419.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 15 05:00:00 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

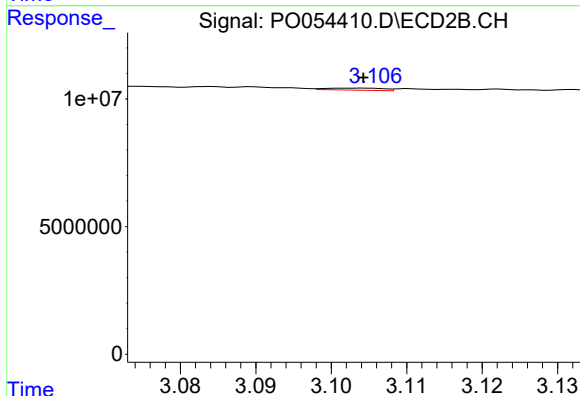
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

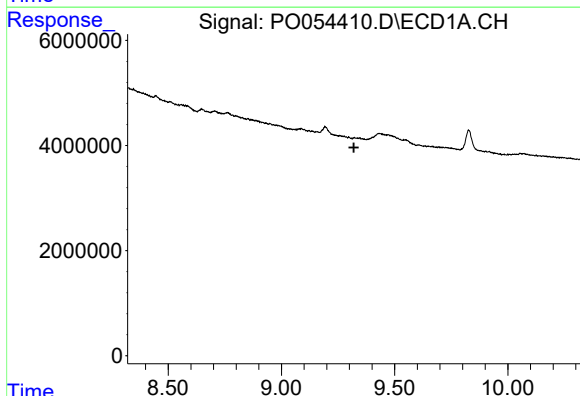
R.T.: 0.000 min
Exp R.T.: 4.014 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



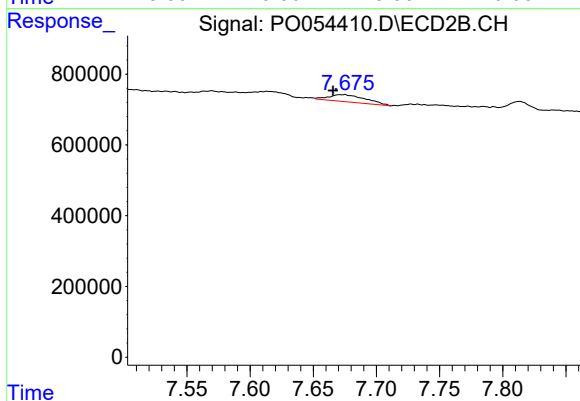
#1 Tetrachloro-m-xylene

R.T.: 3.104 min
Delta R.T.: 0.000 min
Response: 423090
Conc: 1.67 ng/ml



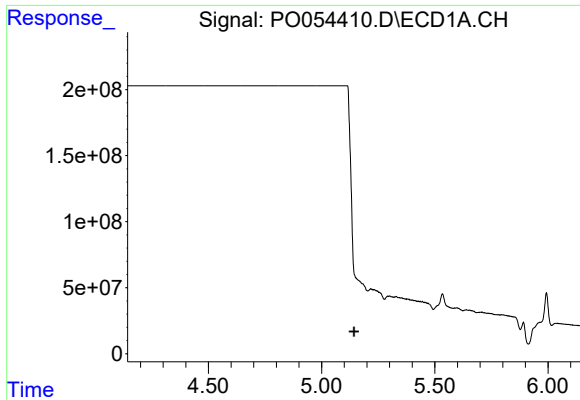
#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T.: 9.320 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

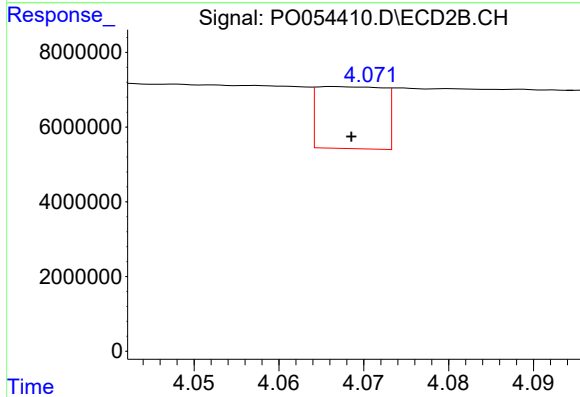
R.T.: 7.675 min
Delta R.T.: 0.010 min
Response: 405864
Conc: 1.37 ng/ml



#3 AR-1016-1

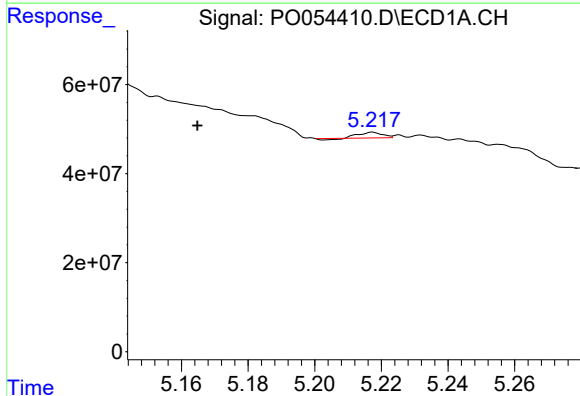
R.T.: 0.000 min
Exp R.T.: 5.143 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



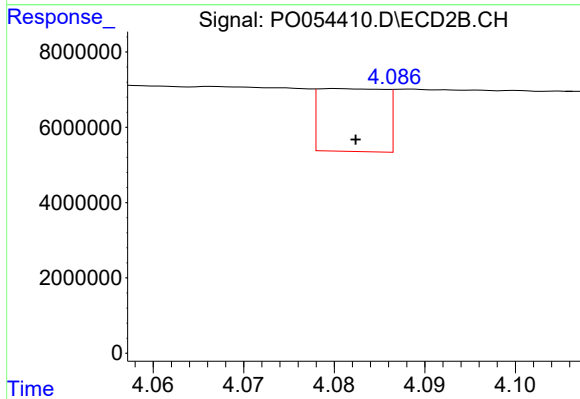
#3 AR-1016-1

R.T.: 4.067 min
Delta R.T.: -0.002 min
Response: 8975812
Conc: 774.73 ng/ml



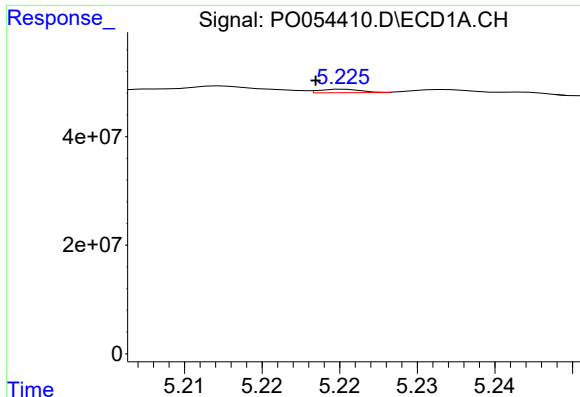
#4 AR-1016-2

R.T.: 5.217 min
Delta R.T.: 0.053 min
Response: 5302136
Conc: 29.90 ng/ml



#4 AR-1016-2

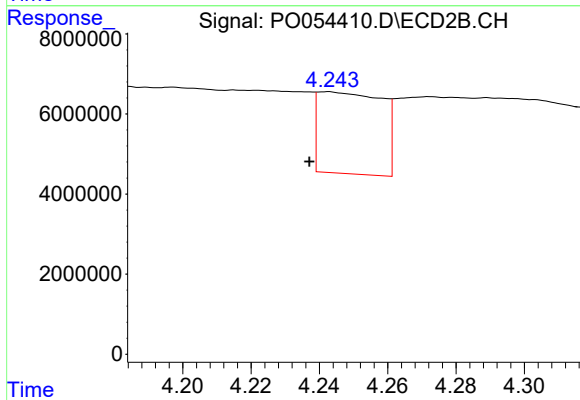
R.T.: 4.080 min
Delta R.T.: -0.002 min
Response: 8500890
Conc: 457.86 ng/ml



#5 AR-1016-3

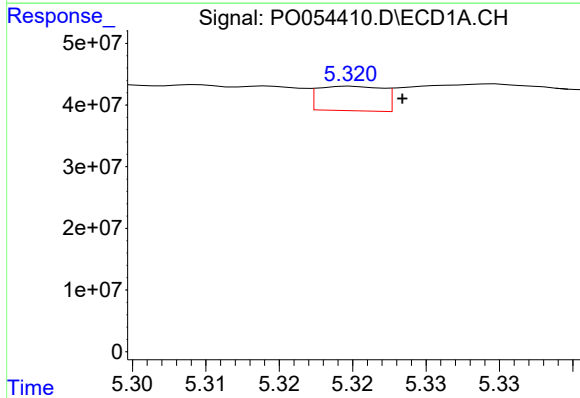
R.T.: 5.225 min
Delta R.T.: 0.002 min
Response: 1237955
Conc: 12.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



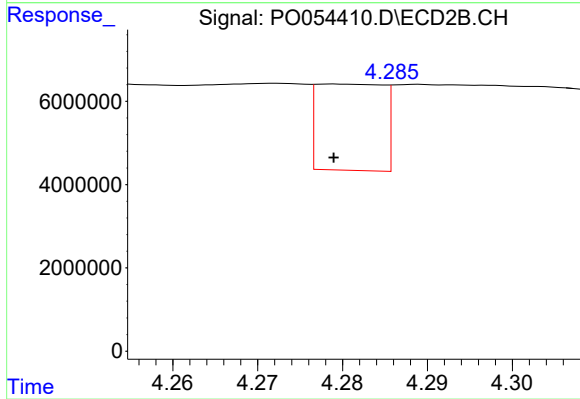
#5 AR-1016-3

R.T.: 4.243 min
Delta R.T.: 0.006 min
Response: 26367231
Conc: 2695.93 ng/ml



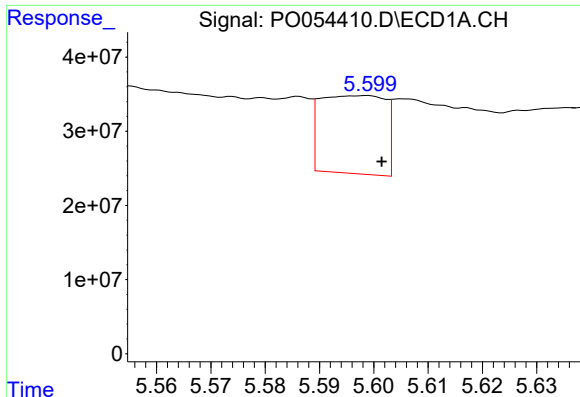
#6 AR-1016-4

R.T.: 5.320 min
Delta R.T.: -0.003 min
Response: 12225922
Conc: 151.96 ng/ml



#6 AR-1016-4

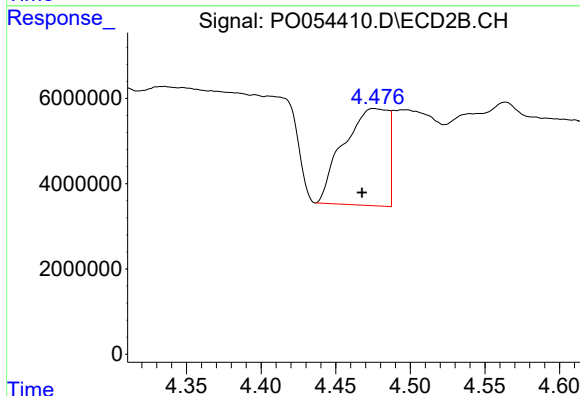
R.T.: 4.279 min
Delta R.T.: 0.000 min
Response: 11259713
Conc: 1467.61 ng/ml



#7 AR-1016-5

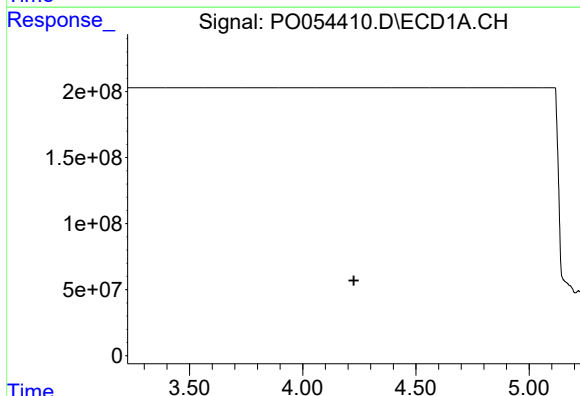
R.T.: 5.599 min
Delta R.T.: -0.003 min
Response: 87182433
Conc: 1257.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



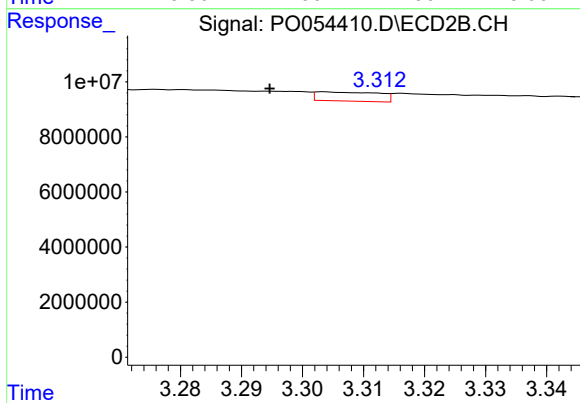
#7 AR-1016-5

R.T.: 4.475 min
Delta R.T.: 0.007 min
Response: 47031291
Conc: 4626.19 ng/ml



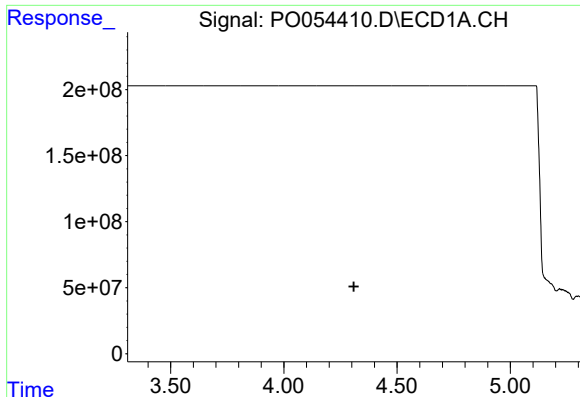
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.226 min
Response: 0
Conc: N.D.



#8 AR-1221-1

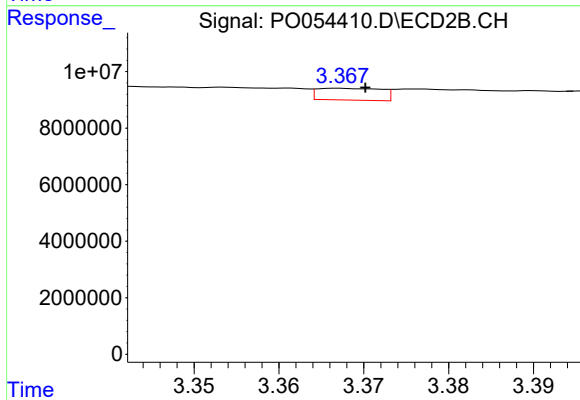
R.T.: 3.304 min
Delta R.T.: 0.009 min
Response: 2328370
Conc: 736.30 ng/ml



#9 AR-1221-2

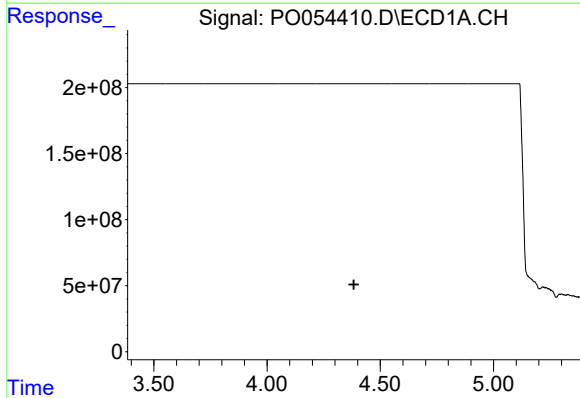
R.T.: 0.000 min
Exp R.T.: 4.309 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



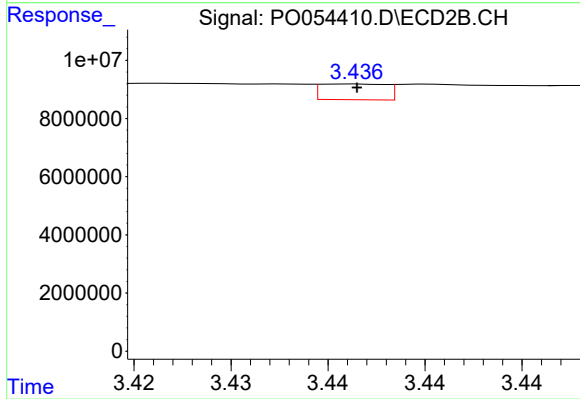
#9 AR-1221-2

R.T.: 3.367 min
Delta R.T.: -0.003 min
Response: 2182243
Conc: 926.88 ng/ml



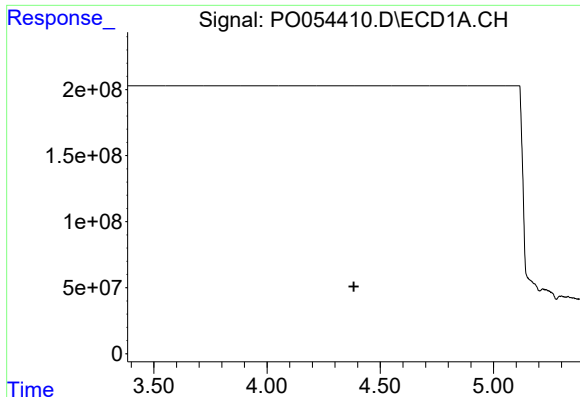
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.383 min
Response: 0
Conc: N.D.



#10 AR-1221-3

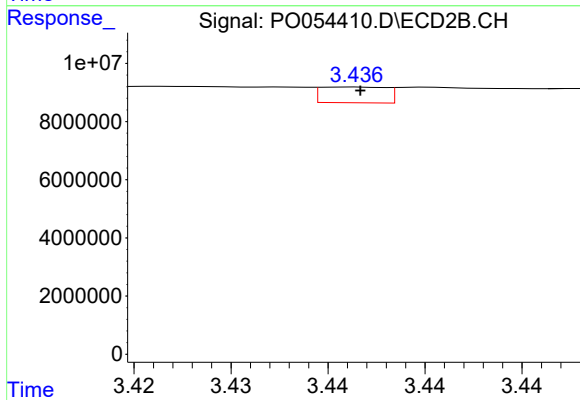
R.T.: 3.436 min
Delta R.T.: 0.000 min
Response: 1272476
Conc: 166.20 ng/ml



#11 AR-1232-1

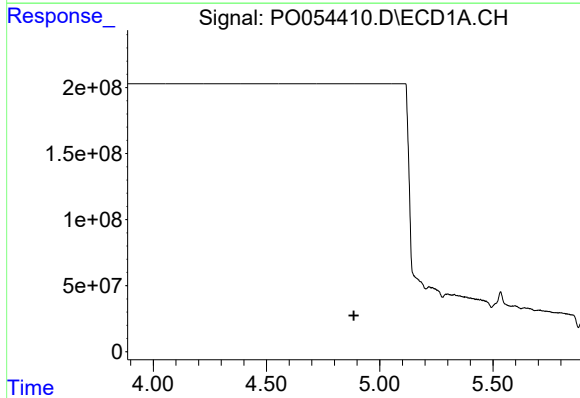
R.T.: 0.000 min
Exp R.T. : 4.384 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



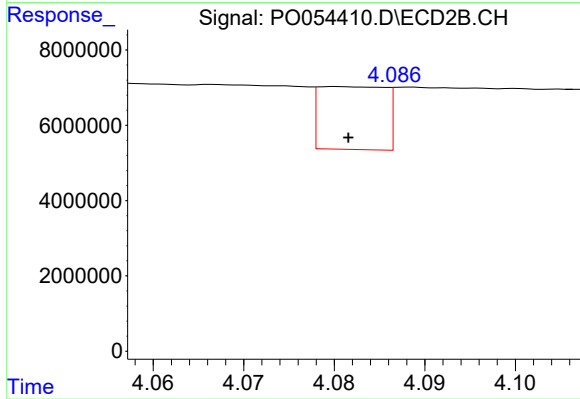
#11 AR-1232-1

R.T.: 3.436 min
Delta R.T.: 0.000 min
Response: 1272476
Conc: 188.99 ng/ml



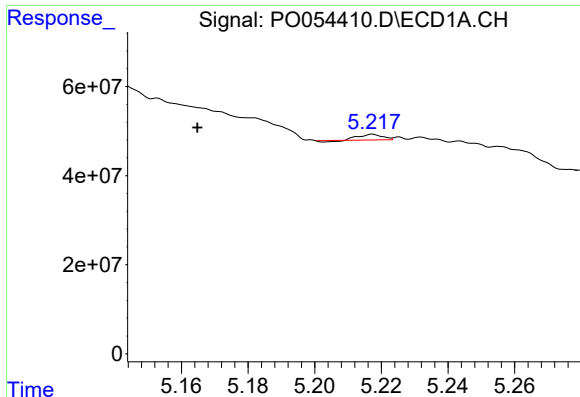
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.886 min
Response: 0
Conc: N.D.



#12 AR-1232-2

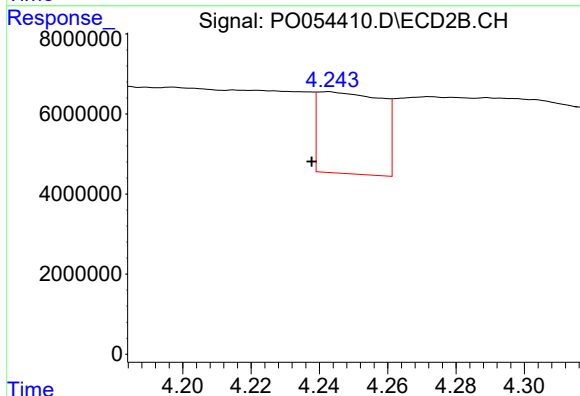
R.T.: 4.080 min
Delta R.T.: -0.001 min
Response: 8500890
Conc: 939.95 ng/ml



#13 AR-1232-3

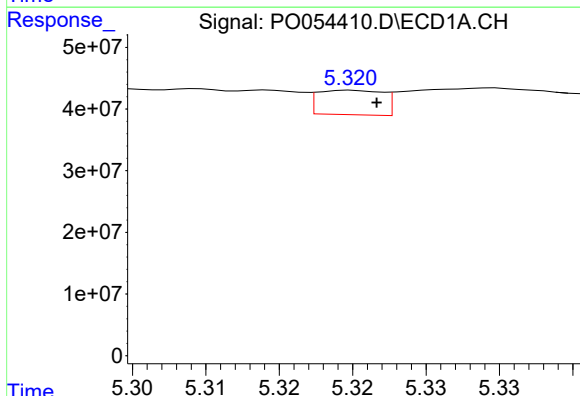
R.T.: 5.217 min
Delta R.T.: 0.053 min
Response: 5302136
Conc: 71.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



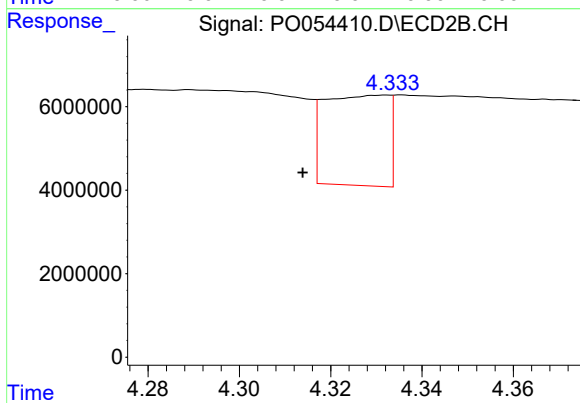
#13 AR-1232-3

R.T.: 4.243 min
Delta R.T.: 0.005 min
Response: 26367231
Conc: 5969.26 ng/ml



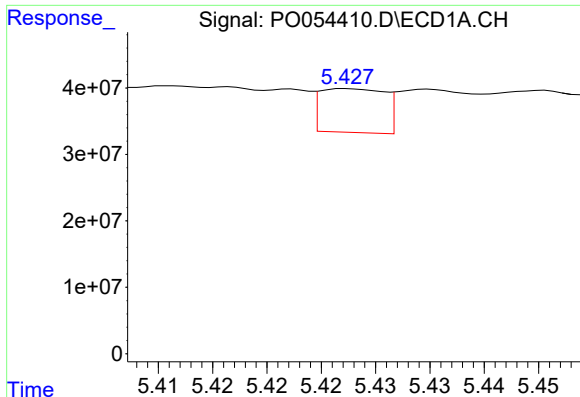
#14 AR-1232-4

R.T.: 5.320 min
Delta R.T.: -0.002 min
Response: 12225922
Conc: 360.79 ng/ml



#14 AR-1232-4

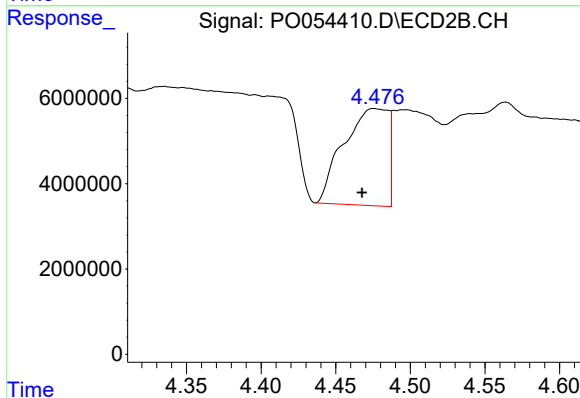
R.T.: 4.332 min
Delta R.T.: 0.019 min
Response: 21073724
Conc: 5769.31 ng/ml



#15 AR-1232-5

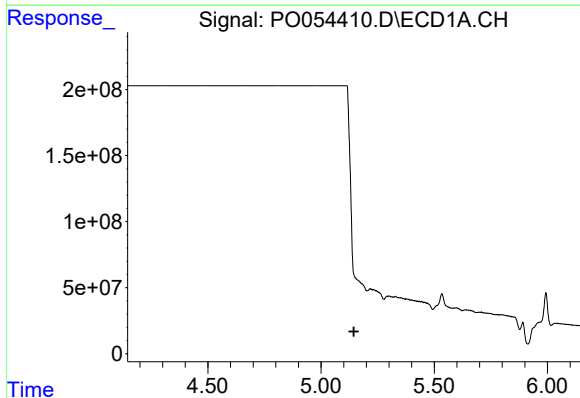
R.T.: 5.427 min
Delta R.T.: 0.024 min
Response: 27135201
Conc: 1313.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



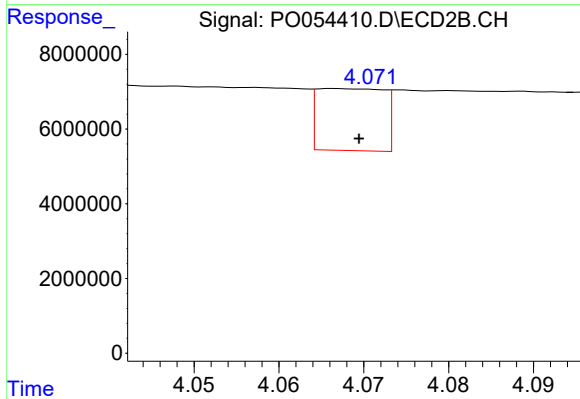
#15 AR-1232-5

R.T.: 4.475 min
Delta R.T.: 0.007 min
Response: 47031291
Conc: 10973.49 ng/ml



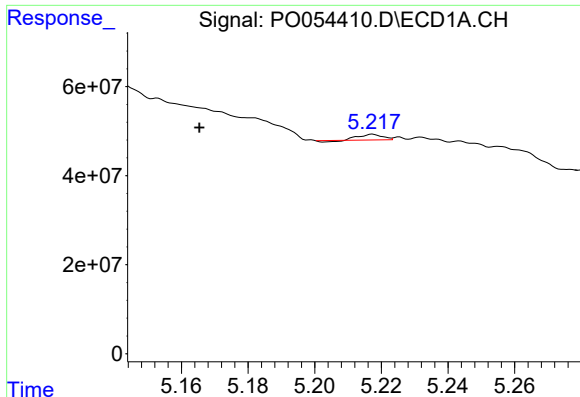
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.145 min
Response: 0
Conc: N.D.



#16 AR-1242-1

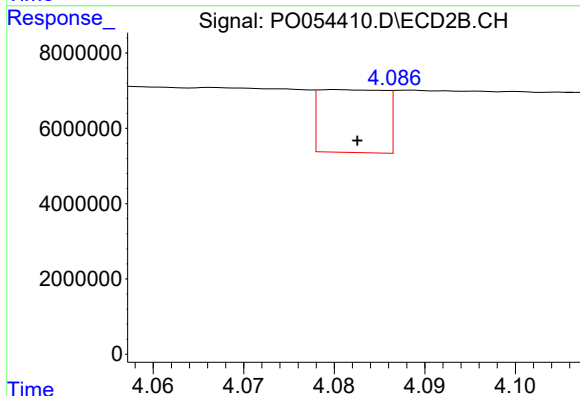
R.T.: 4.067 min
Delta R.T.: -0.003 min
Response: 8975812
Conc: 944.11 ng/ml



#17 AR-1242-2

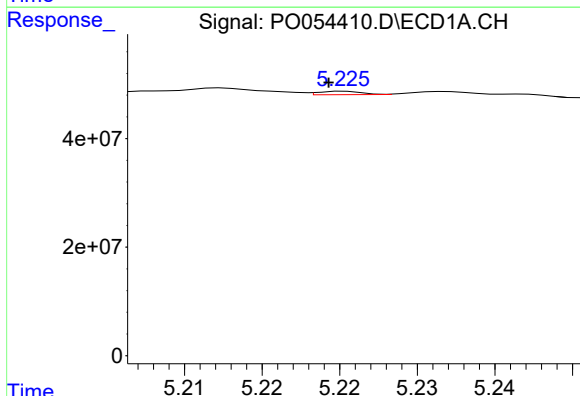
R.T.: 5.217 min
Delta R.T.: 0.052 min
Response: 5302136
Conc: 38.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



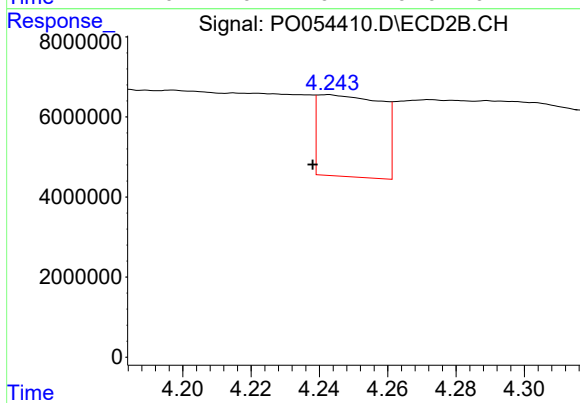
#17 AR-1242-2

R.T.: 4.080 min
Delta R.T.: -0.002 min
Response: 8500890
Conc: 547.81 ng/ml



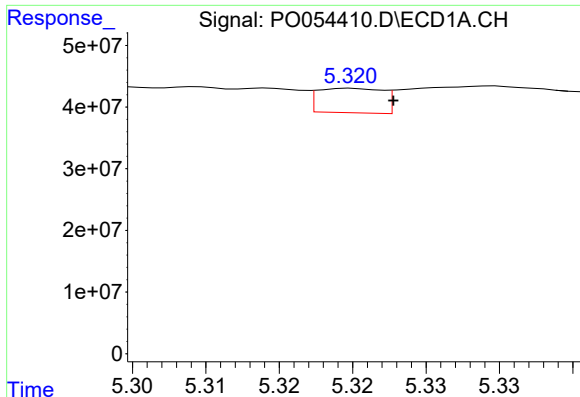
#18 AR-1242-3

R.T.: 5.225 min
Delta R.T.: 0.001 min
Response: 1237955
Conc: 15.97 ng/ml



#18 AR-1242-3

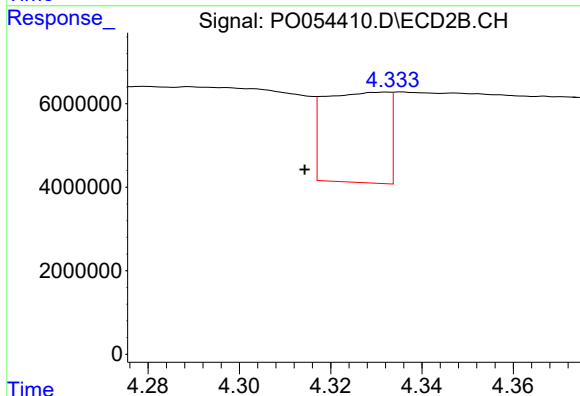
R.T.: 4.243 min
Delta R.T.: 0.005 min
Response: 26367231
Conc: 3221.46 ng/ml



#19 AR-1242-4

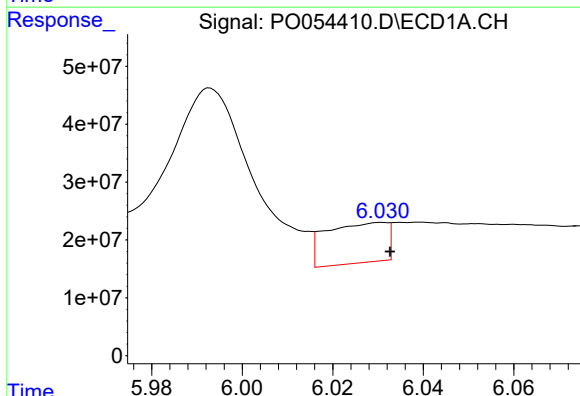
R.T.: 5.320 min
Delta R.T.: -0.003 min
Response: 12225922
Conc: 189.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



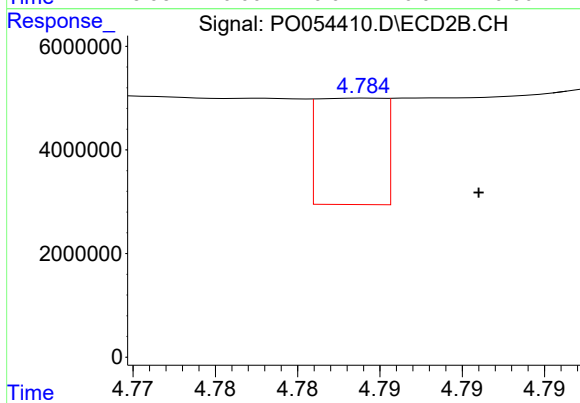
#19 AR-1242-4

R.T.: 4.332 min
Delta R.T.: 0.018 min
Response: 21073724
Conc: 2771.83 ng/ml



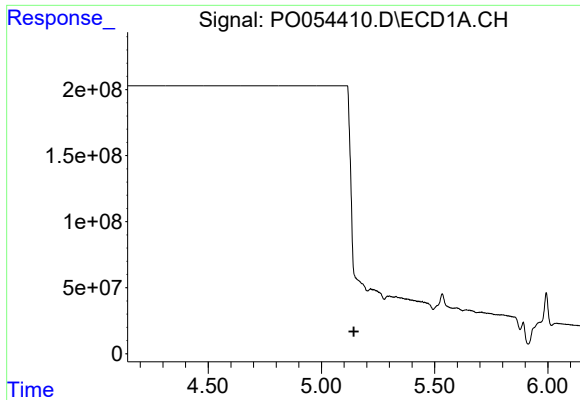
#20 AR-1242-5

R.T.: 6.031 min
Delta R.T.: -0.002 min
Response: 64593426
Conc: 1090.20 ng/ml



#20 AR-1242-5

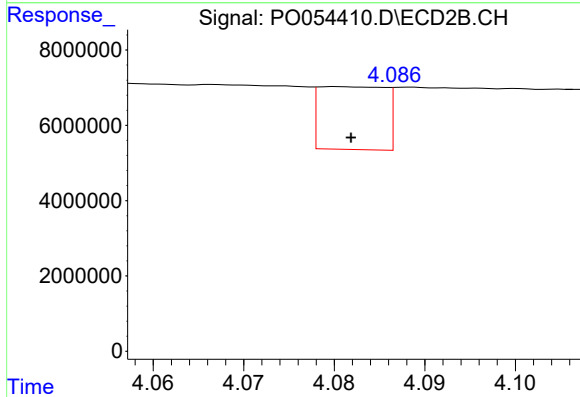
R.T.: 4.784 min
Delta R.T.: -0.007 min
Response: 5774466
Conc: 550.54 ng/ml



#21 AR-1248-1

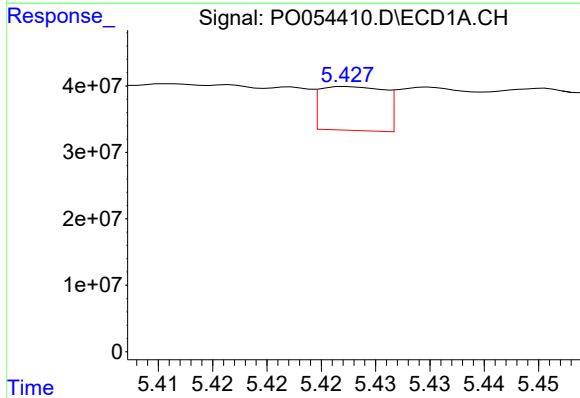
R.T.: 0.000 min
Exp R.T.: 5.144 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



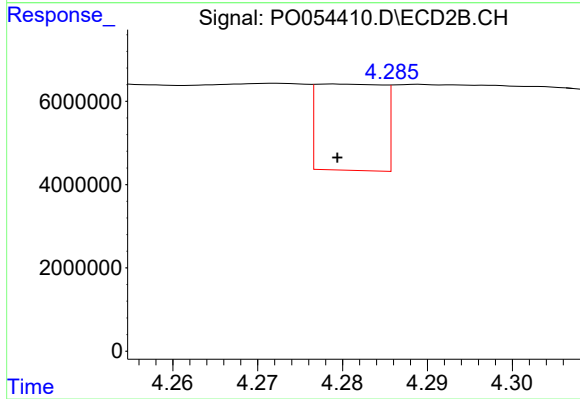
#21 AR-1248-1

R.T.: 4.080 min
Delta R.T.: -0.002 min
Response: 8500890
Conc: 722.56 ng/ml



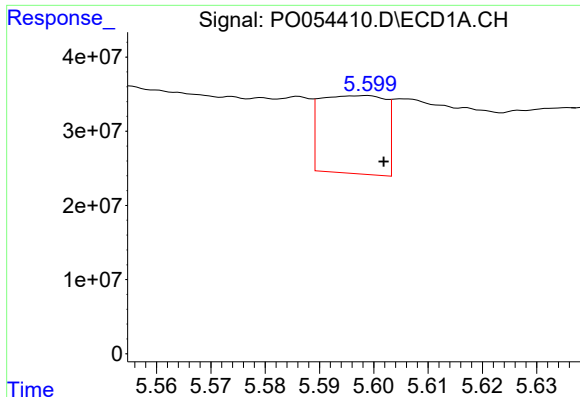
#22 AR-1248-2

R.T.: 5.427 min
Delta R.T.: 0.024 min
Response: 27135201
Conc: 231.15 ng/ml



#22 AR-1248-2

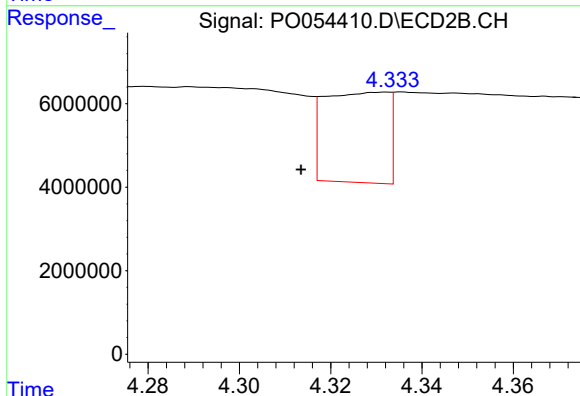
R.T.: 4.279 min
Delta R.T.: 0.000 min
Response: 11259713
Conc: 788.06 ng/ml



#23 AR-1248-3

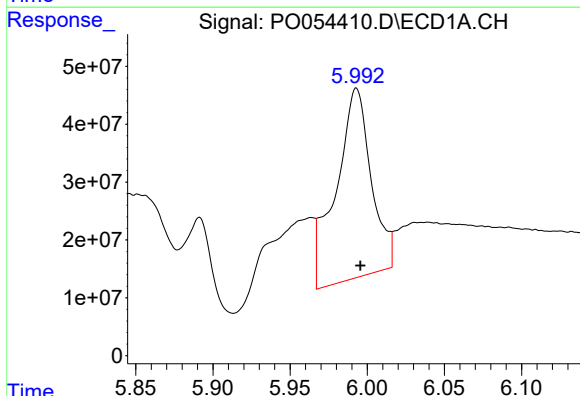
R.T.: 5.599 min
Delta R.T.: -0.003 min
Response: 87182433
Conc: 668.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



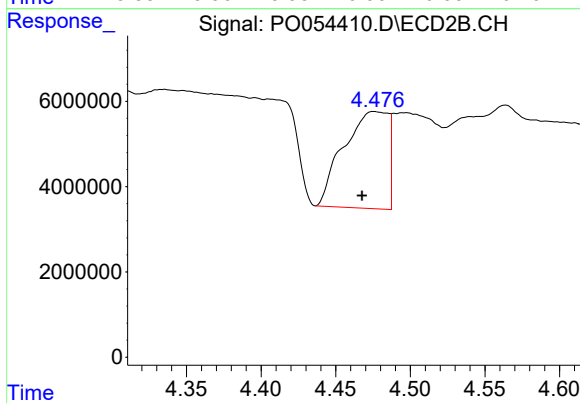
#23 AR-1248-3

R.T.: 4.332 min
Delta R.T.: 0.019 min
Response: 21073724
Conc: 1467.57 ng/ml



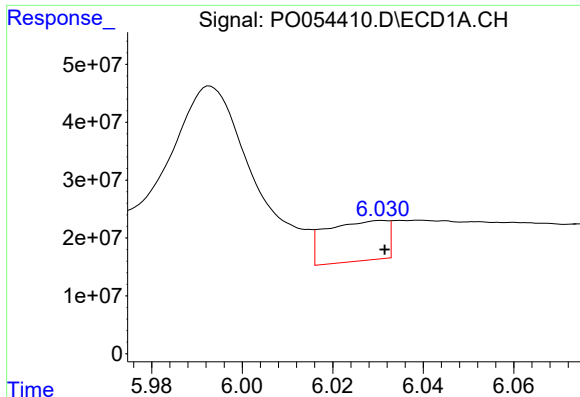
#24 AR-1248-4

R.T.: 5.993 min
Delta R.T.: -0.003 min
Response: 519837418
Conc: 3714.18 ng/ml



#24 AR-1248-4

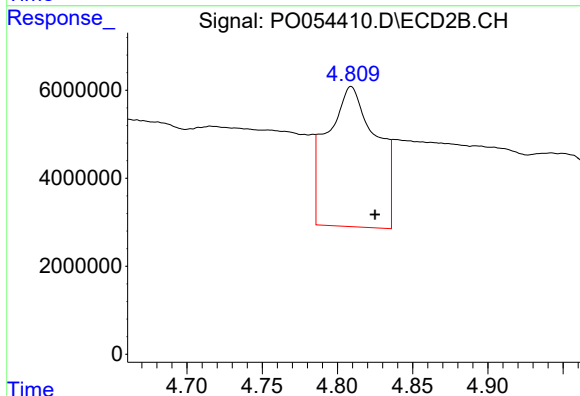
R.T.: 4.475 min
Delta R.T.: 0.007 min
Response: 47031291
Conc: 2587.81 ng/ml



#25 AR-1248-5

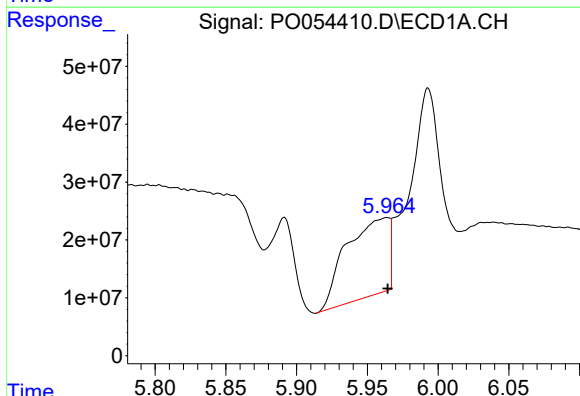
R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 64593426
Conc: 471.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



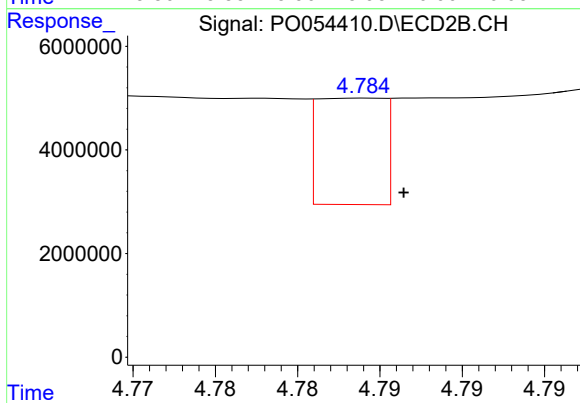
#25 AR-1248-5

R.T.: 4.809 min
Delta R.T.: -0.016 min
Response: 72449454
Conc: 3811.61 ng/ml



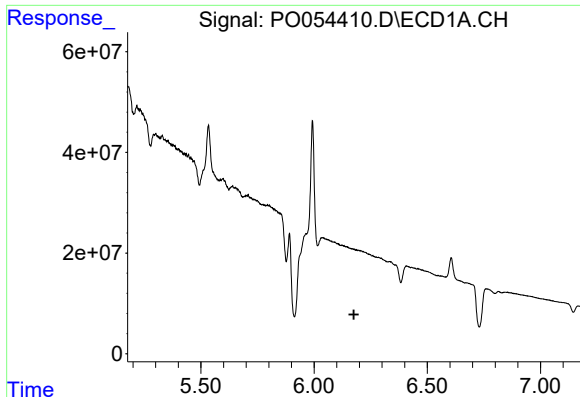
#26 AR-1254-1

R.T.: 5.964 min
Delta R.T.: 0.000 min
Response: 279840363
Conc: 3025.66 ng/ml



#26 AR-1254-1

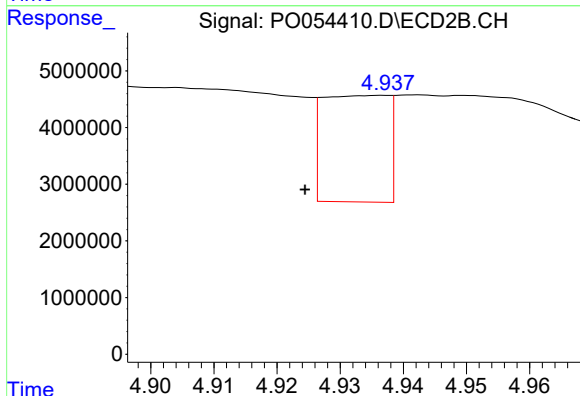
R.T.: 4.784 min
Delta R.T.: -0.002 min
Response: 5774466
Conc: 277.00 ng/ml



#27 AR-1254-2

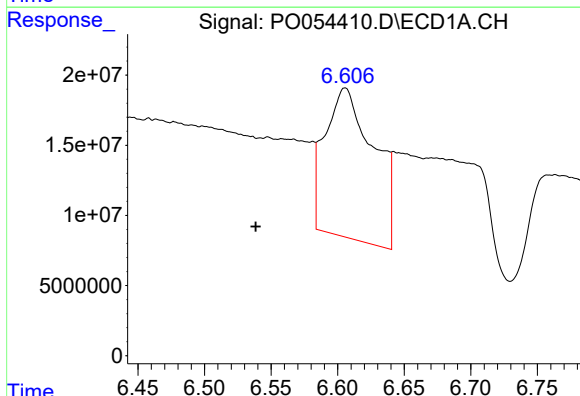
R.T.: 0.000 min
Exp R.T.: 6.176 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



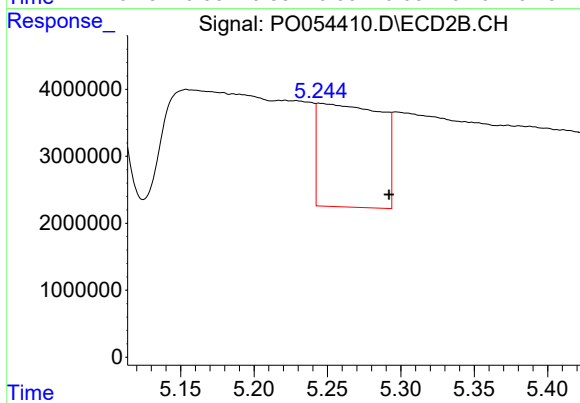
#27 AR-1254-2

R.T.: 4.937 min
Delta R.T.: 0.013 min
Response: 13548977
Conc: 744.46 ng/ml



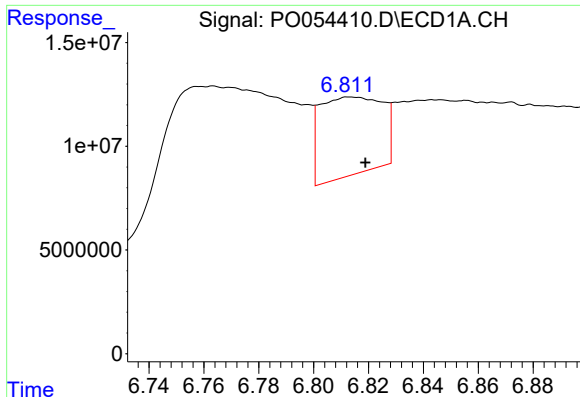
#28 AR-1254-3

R.T.: 6.606 min
Delta R.T.: 0.067 min
Response: 271467742
Conc: 1954.72 ng/ml



#28 AR-1254-3

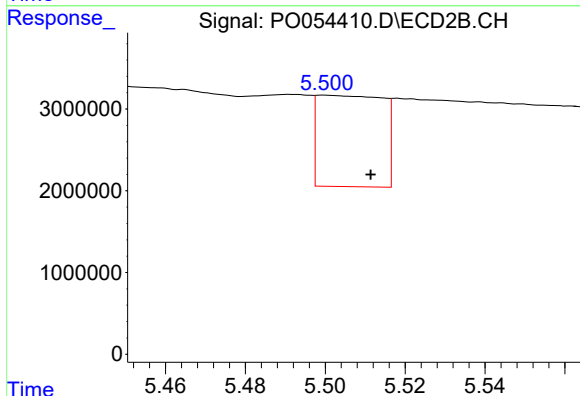
R.T.: 5.244 min
Delta R.T.: -0.048 min
Response: 45969392
Conc: 1655.54 ng/ml



#29 AR-1254-4

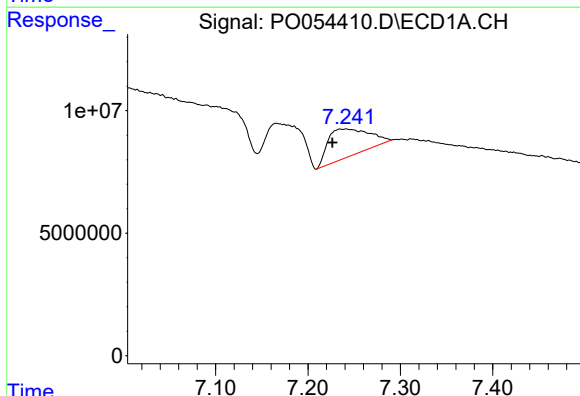
R.T.: 6.812 min
Delta R.T.: -0.007 min
Response: 59323223
Conc: 590.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



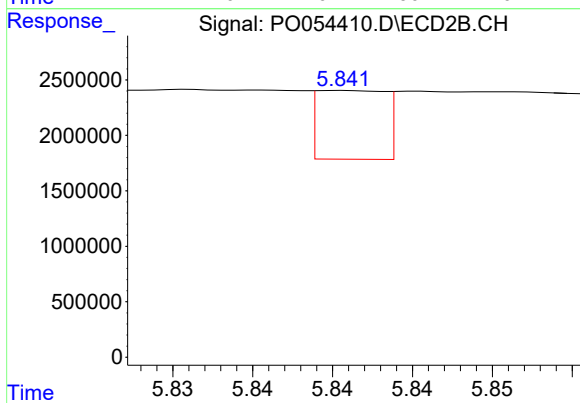
#29 AR-1254-4

R.T.: 5.500 min
Delta R.T.: -0.011 min
Response: 12648171
Conc: 683.53 ng/ml



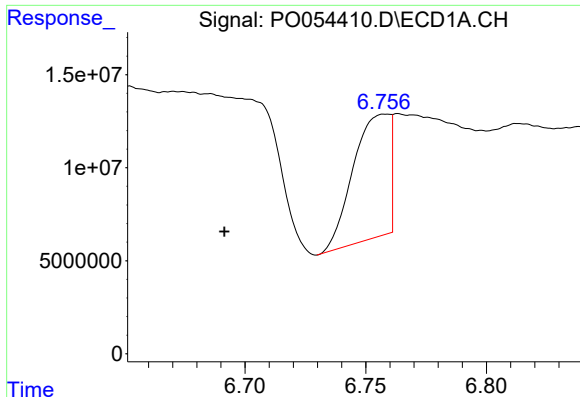
#30 AR-1254-5

R.T.: 7.242 min
Delta R.T.: 0.015 min
Response: 35396768
Conc: 387.26 ng/ml



#30 AR-1254-5

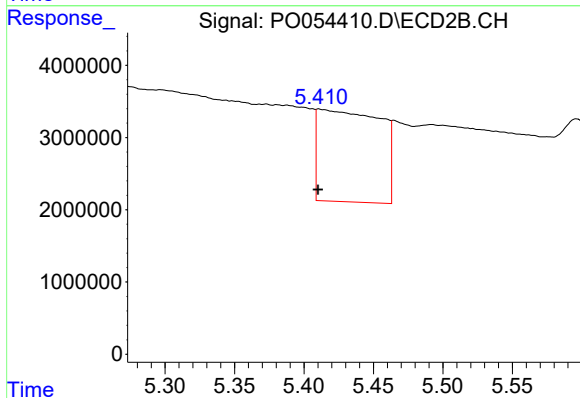
R.T.: 5.841 min
Delta R.T.: -0.055 min
Response: 1831685
Conc: 91.19 ng/ml



#31 AR-1260-1

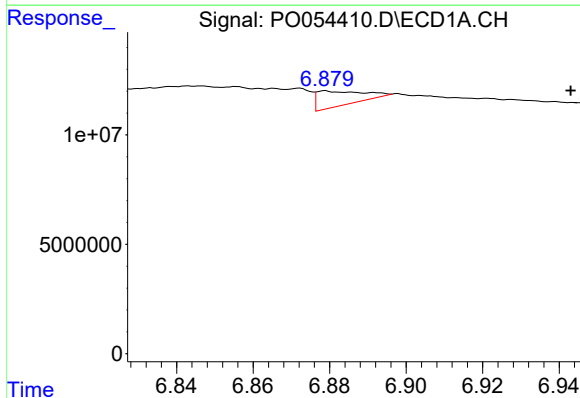
R.T.: 6.757 min
Delta R.T.: 0.066 min
Response: 69091620
Conc: 765.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



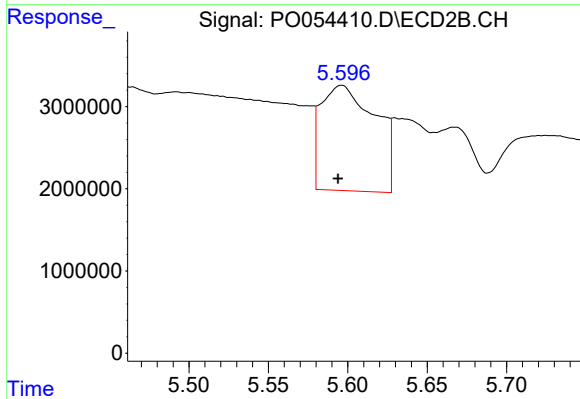
#31 AR-1260-1

R.T.: 5.411 min
Delta R.T.: 0.000 min
Response: 39725625
Conc: 2168.14 ng/ml



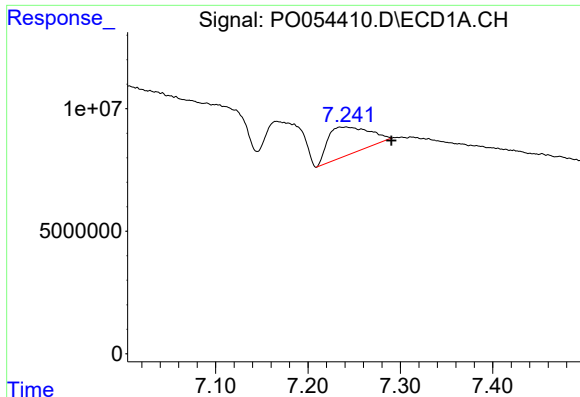
#32 AR-1260-2

R.T.: 6.879 min
Delta R.T.: -0.064 min
Response: 5620587
Conc: 50.70 ng/ml



#32 AR-1260-2

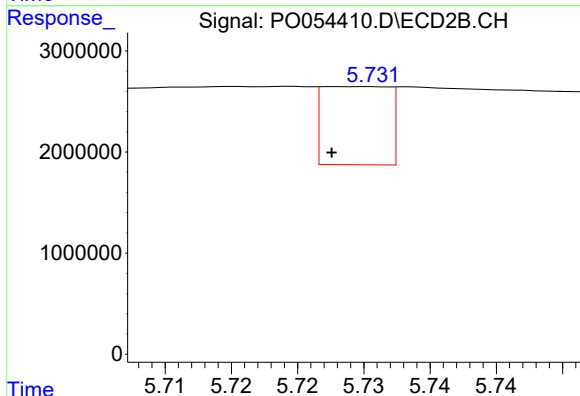
R.T.: 5.596 min
Delta R.T.: 0.002 min
Response: 30540575
Conc: 1371.16 ng/ml



#33 AR-1260-3

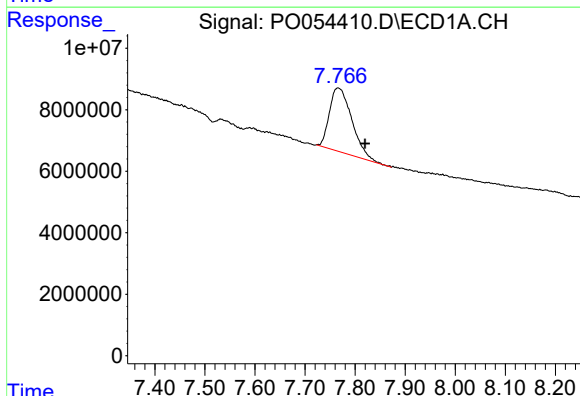
R.T.: 7.242 min
Delta R.T.: -0.049 min
Response: 35396768
Conc: 417.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



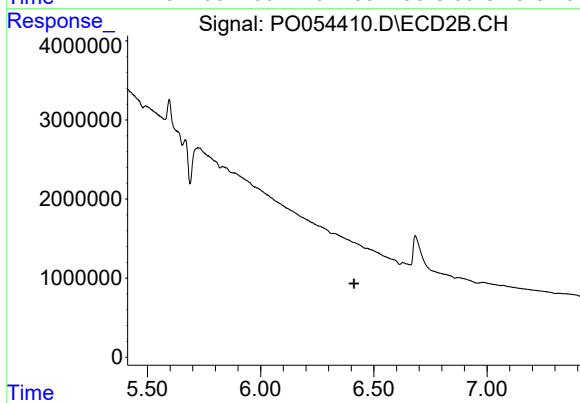
#33 AR-1260-3

R.T.: 5.728 min
Delta R.T.: 0.000 min
Response: 2682770
Conc: 130.84 ng/ml



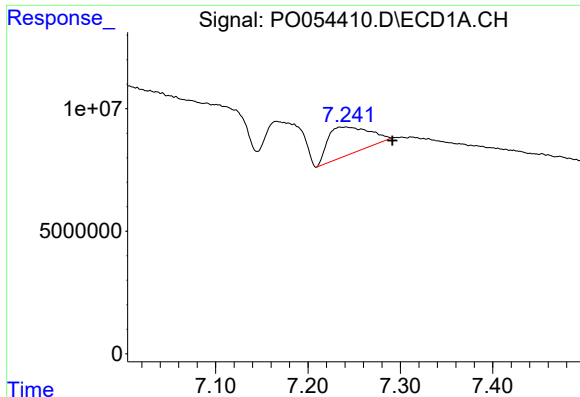
#35 AR-1260-5

R.T.: 7.766 min
Delta R.T.: -0.054 min
Response: 64838490
Conc: 360.18 ng/ml



#35 AR-1260-5

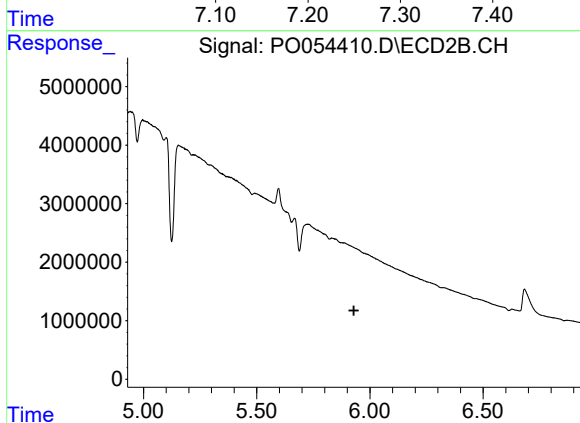
R.T.: 0.000 min
Exp R.T.: 6.412 min
Response: 0
Conc: N.D.



#36 AR-1262-1

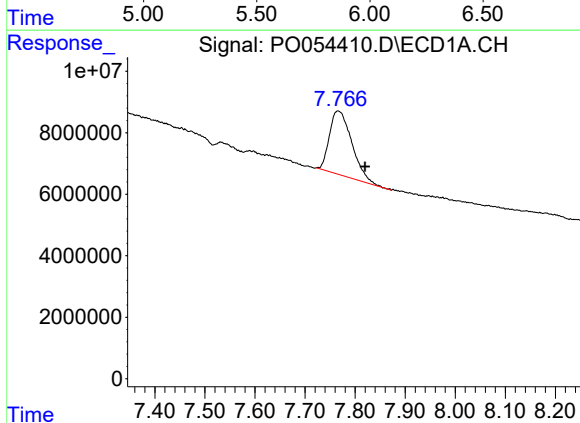
R.T.: 7.242 min
Delta R.T.: -0.050 min
Response: 35396768
Conc: 256.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



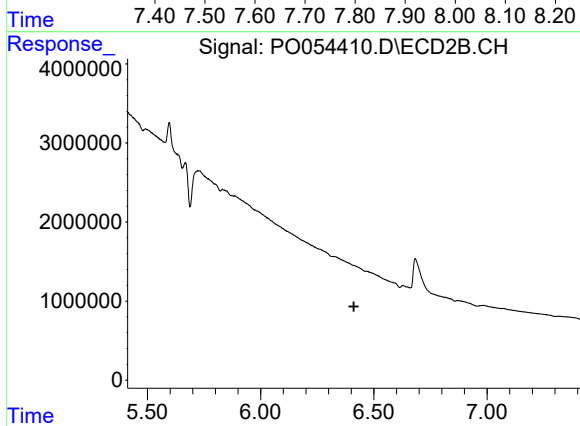
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 5.929 min
Response: 0
Conc: N.D.



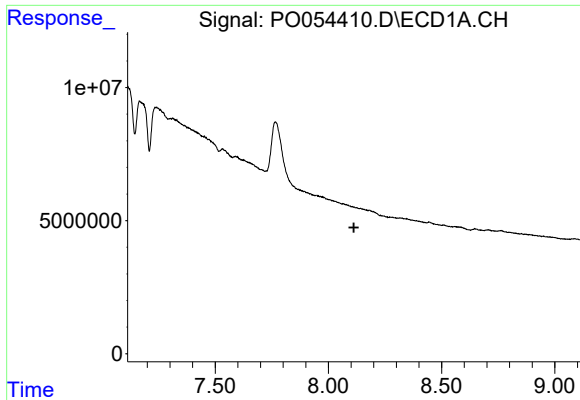
#37 AR-1262-2

R.T.: 7.766 min
Delta R.T.: -0.054 min
Response: 64838490
Conc: 283.59 ng/ml



#37 AR-1262-2

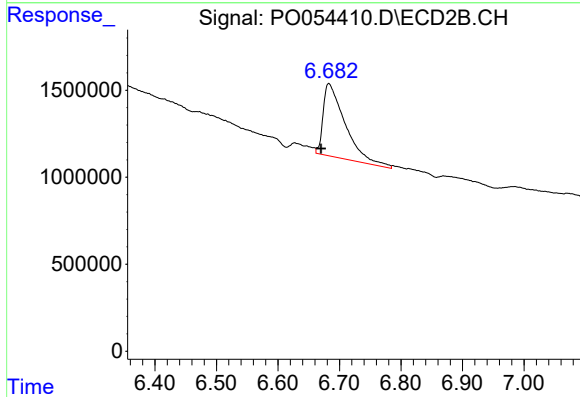
R.T.: 0.000 min
Exp R.T. : 6.412 min
Response: 0
Conc: N.D.



#38 AR-1262-3

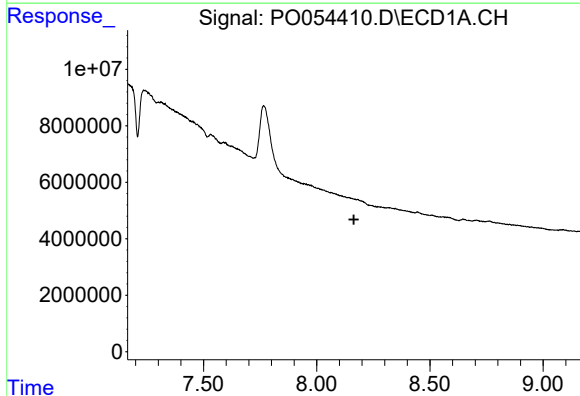
R.T.: 0.000 min
Exp R.T. : 8.112 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



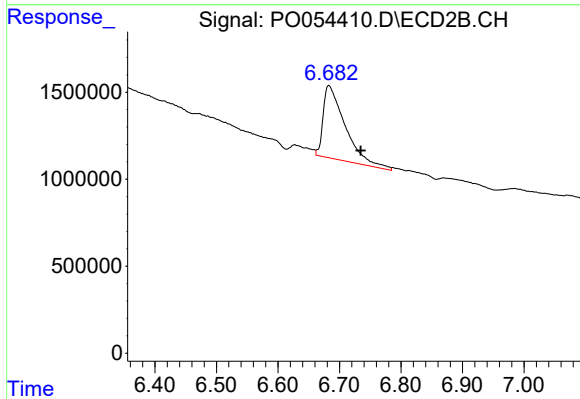
#38 AR-1262-3

R.T.: 6.683 min
Delta R.T.: 0.013 min
Response: 10335722
Conc: 542.36 ng/ml



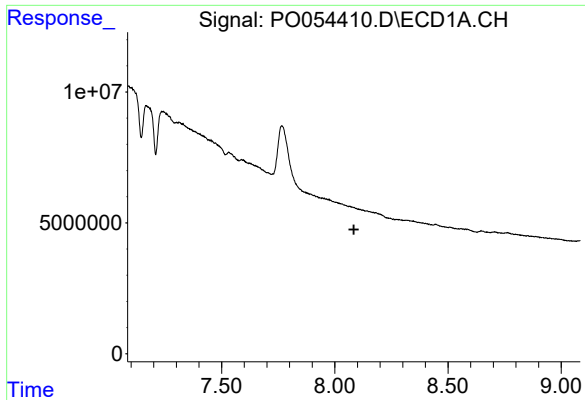
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.164 min
Response: 0
Conc: N.D.



#39 AR-1262-4

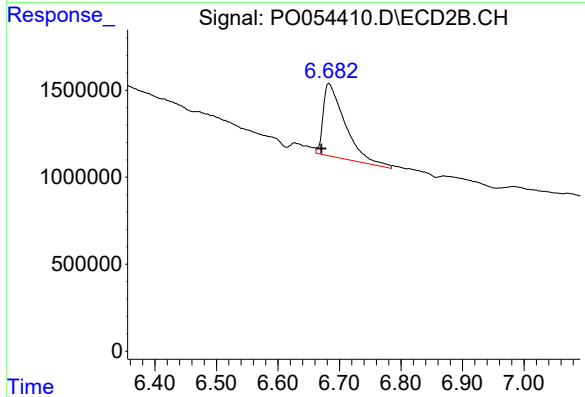
R.T.: 6.683 min
Delta R.T.: -0.052 min
Response: 10335722
Conc: 306.80 ng/ml



#41 AR-1268-1

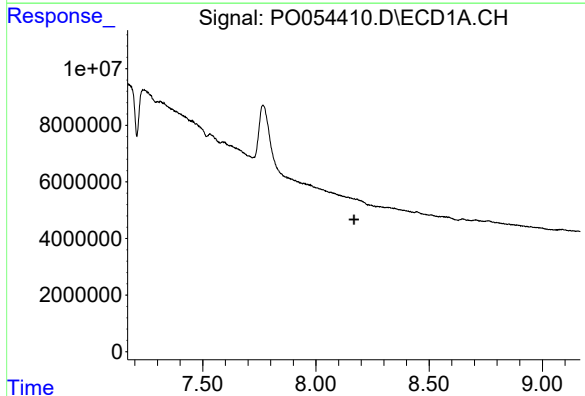
R.T.: 0.000 min
Exp R.T.: 8.084 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



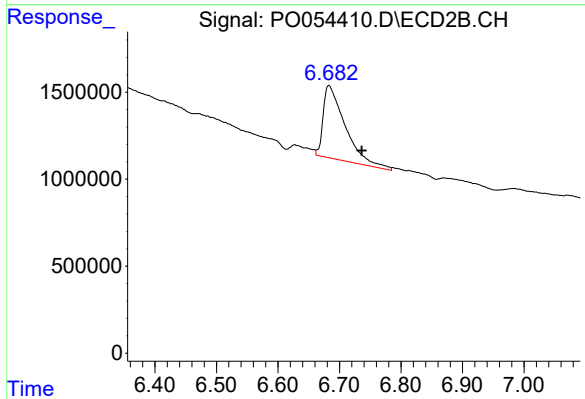
#41 AR-1268-1

R.T.: 6.683 min
Delta R.T.: 0.012 min
Response: 10335722
Conc: 208.42 ng/ml



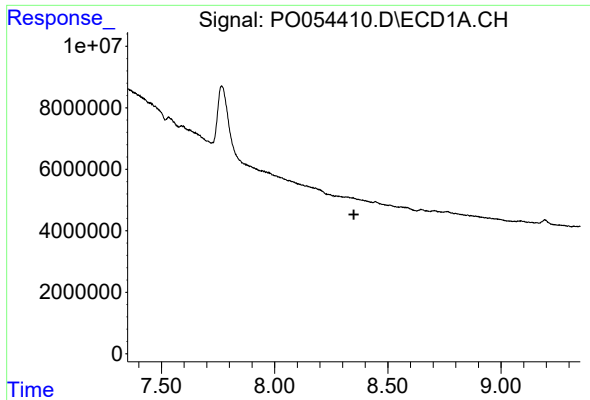
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.168 min
Response: 0
Conc: N.D.



#42 AR-1268-2

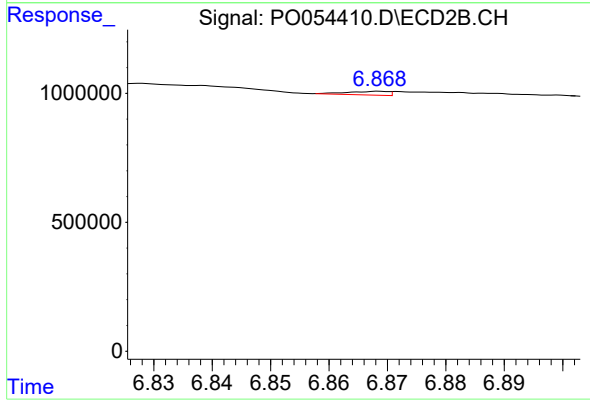
R.T.: 6.683 min
Delta R.T.: -0.053 min
Response: 10335722
Conc: 220.42 ng/ml



#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 8.350 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#43 AR-1268-3

R.T.: 6.869 min
Delta R.T.: -0.047 min
Response: 70988
Conc: 1.82 ng/ml