

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120919\
 Data File : PO064471.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 09 Dec 2019 12:48
 Operator : SM/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 09 13:37:04 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Nov 28 01:28:08 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...	4.312	3.561	618939	524862	20.899	22.067
2)	SA Decachlor...	9.934	8.517	769690	794615	18.780	19.452
Target Compounds							
3)	L1 AR-1016-1	5.467	0.000	14949	0	11.516	N.D. #
4)	L1 AR-1016-2	5.511	0.000	13714	0	7.522	N.D. #
5)	L1 AR-1016-3	5.555	0.000	4794	0	4.177	N.D. #
6)	L1 AR-1016-4	5.658	4.933	1012	31997	1.076	49.187 #
7)	L1 AR-1016-5	5.977	5.144	17020	14979	17.490	17.993
8)	L2 AR-1221-1	4.529	0.000	9815	0	27.629	N.D. #
9)	L2 AR-1221-2	4.616	0.000	34925	0	126.318	N.D. #
10)	L2 AR-1221-3	4.685	0.000	6655	0	7.925	N.D. #
11)	L3 AR-1232-1	4.685	0.000	6655	0	5.191	N.D. #
12)	L3 AR-1232-2	5.217	0.000	22946	0	32.662	N.D. #
13)	L3 AR-1232-3	5.511	0.000	13714	0	9.903	N.D. #
14)	L3 AR-1232-4	5.658	4.933	1012	31997	1.422	60.272 #
15)	L3 AR-1232-5	5.744	5.144	4727	14979	8.392	25.583 #
16)	L4 AR-1242-1	5.467	0.000	14949	0	15.700	N.D. #
17)	L4 AR-1242-2	5.511	0.000	13714	0	10.154	N.D. #
18)	L4 AR-1242-3	5.555	0.000	4794	0	5.587	N.D. #
19)	L4 AR-1242-4	5.658	4.933	1012	31997	1.447	56.415 #
20)	L4 AR-1242-5	6.355	0.000	12416	0	14.696	N.D. #
21)	L5 AR-1248-1	5.467	0.000	14949	0	26.652	N.D. #
22)	L5 AR-1248-2	5.744	4.933	4727	31997	5.704	50.887 #
23)	L5 AR-1248-3	5.977	4.933	17020	31997	18.502	49.591 #
24)	L5 AR-1248-4	6.355	5.144	12416	14979	11.202	19.003 #
25)	L5 AR-1248-5	6.355	0.000	12416	0	11.571	N.D. #
26)	L6 AR-1254-1	6.323	0.000	14488	0	8.877	N.D. #
27)	L6 AR-1254-2	6.561	0.000	20651	0	7.922	N.D. #
28)	L6 AR-1254-3	6.910	0.000	14241	0	4.934	N.D. #
30)	L6 AR-1254-5	7.607	0.000	38517	0	15.074	N.D. #
31)	L7 AR-1260-1	7.017	0.000	21483	0	11.384	N.D. #
32)	L7 AR-1260-2	7.327	0.000	5933	0	2.537	N.D. #
33)	L7 AR-1260-3	7.673	0.000	4008	0	2.165	N.D. #
34)	L7 AR-1260-4	7.912	0.000	3351	0	1.529	N.D. #
35)	L7 AR-1260-5	8.220	0.000	10143	0	2.297	N.D. #
36)	L8 AR-1262-1	7.673	0.000	4008	0	1.342	N.D. #
37)	L8 AR-1262-2	8.220	0.000	10143	0	1.840	N.D. #
38)	L8 AR-1262-3	8.539	0.000	17678	0	4.569	N.D. #
39)	L8 AR-1262-4	8.623	0.000	36034	0	12.327	N.D. #
40)	L8 AR-1262-5	9.194	0.000	142803	0	68.037	N.D. #
41)	L9 AR-1268-1	8.539	0.000	17678	0	2.711	N.D. #
42)	L9 AR-1268-2	8.623	0.000	36034	0	5.964	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120919\
 Data File : P0064471.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 09 Dec 2019 12:48
 Operator : SM/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 09 13:37:04 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Nov 28 01:28:08 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
43) L9	AR-1268-3	8.819	0.000	30248	0	6.092	N.D. #
44) L9	AR-1268-4	9.194	0.000	142803	0	61.035	N.D. #
45) L9	AR-1268-5	9.619	8.271	41331	20124	2.690	1.218 #

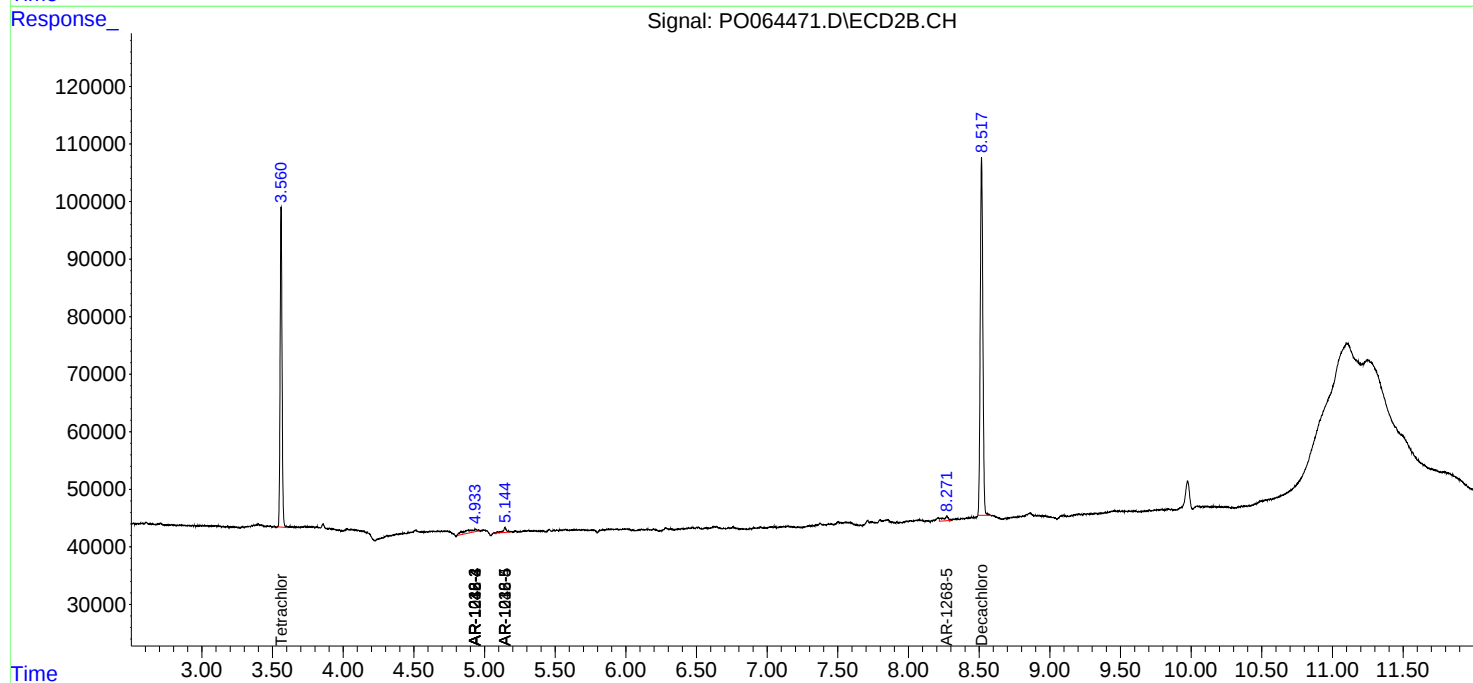
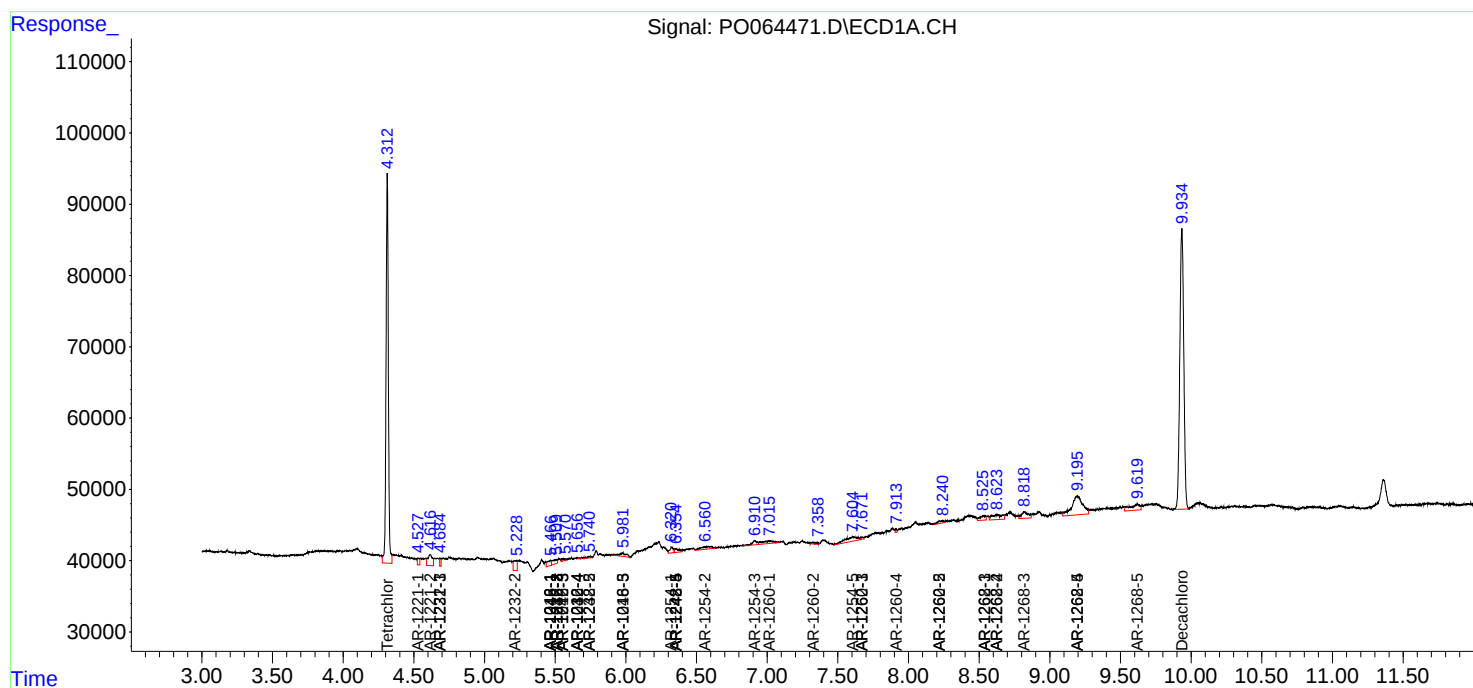
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

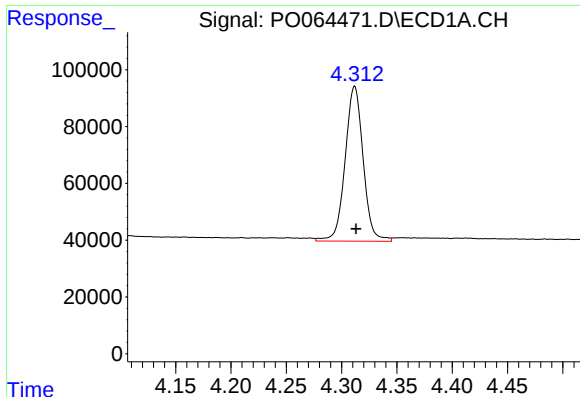
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO120919\
Data File : P0064471.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Dec 2019 12:48
Operator : SM/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampled :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 09 13:37:04 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO112719.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Nov 28 01:28:08 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

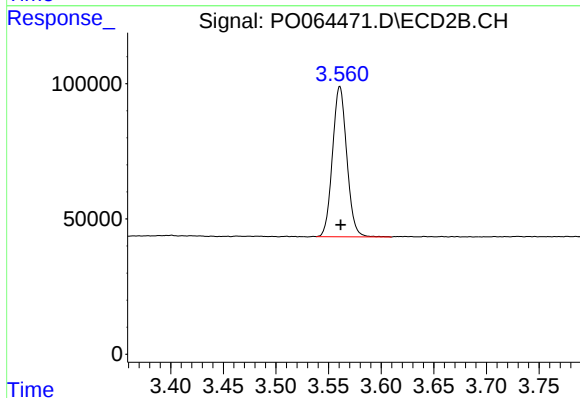




#1 Tetrachloro-m-xylene

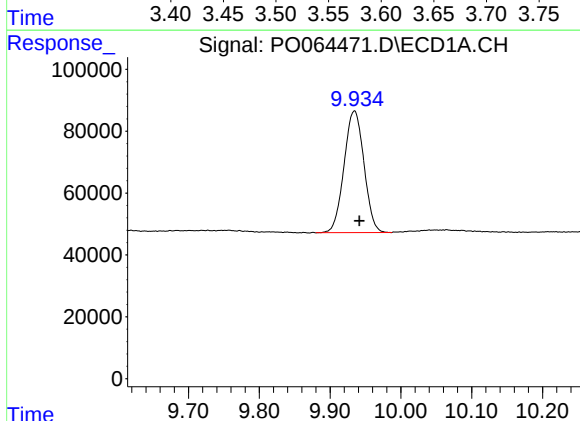
R.T.: 4.312 min
Delta R.T.: -0.001 min
Response: 618939
Conc: 20.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



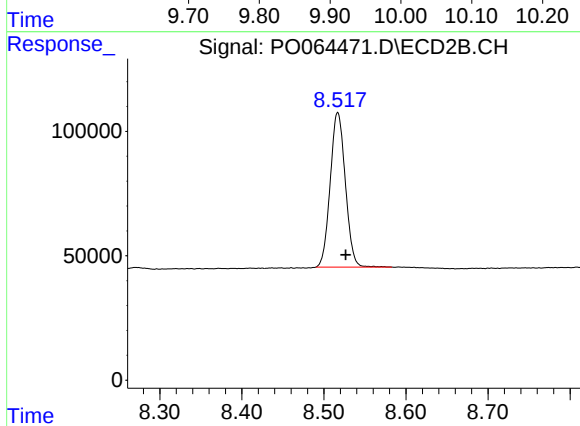
#1 Tetrachloro-m-xylene

R.T.: 3.561 min
Delta R.T.: 0.000 min
Response: 524862
Conc: 22.07 ng/ml



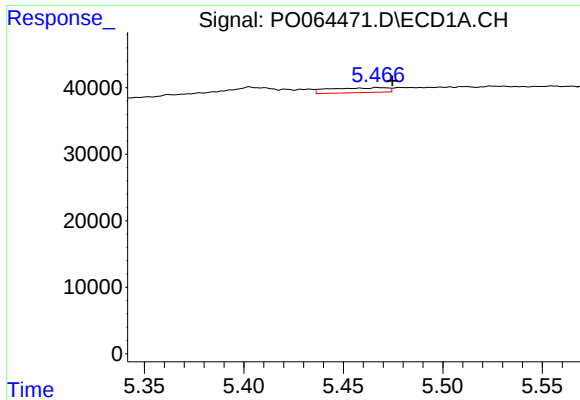
#2 Decachlorobiphenyl

R.T.: 9.934 min
Delta R.T.: -0.007 min
Response: 769690
Conc: 18.78 ng/ml



#2 Decachlorobiphenyl

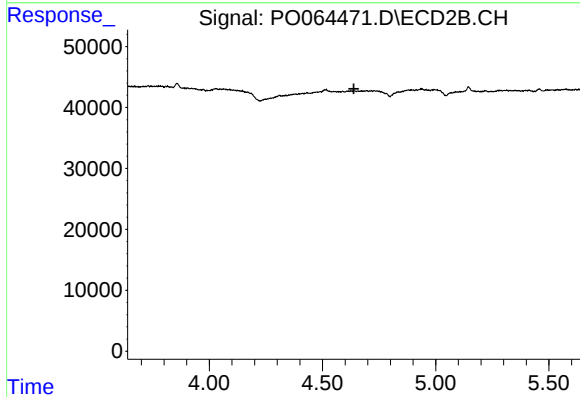
R.T.: 8.517 min
Delta R.T.: -0.010 min
Response: 794615
Conc: 19.45 ng/ml



#3 AR-1016-1

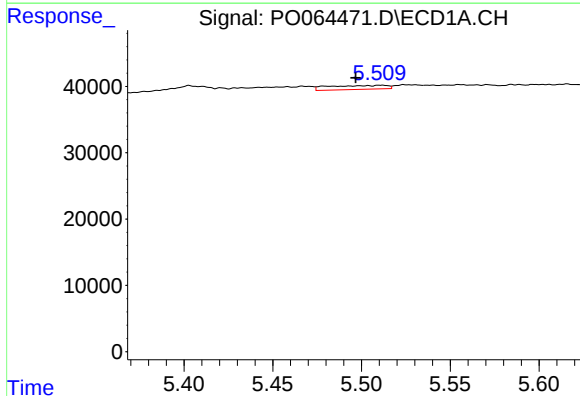
R.T.: 5.467 min
Delta R.T.: -0.007 min
Response: 14949
Conc: 11.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



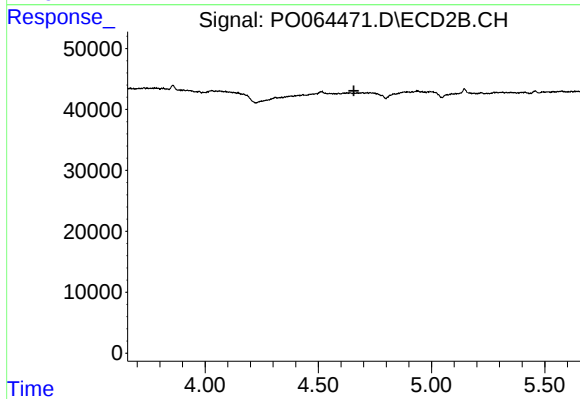
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.638 min
Response: 0
Conc: N.D.



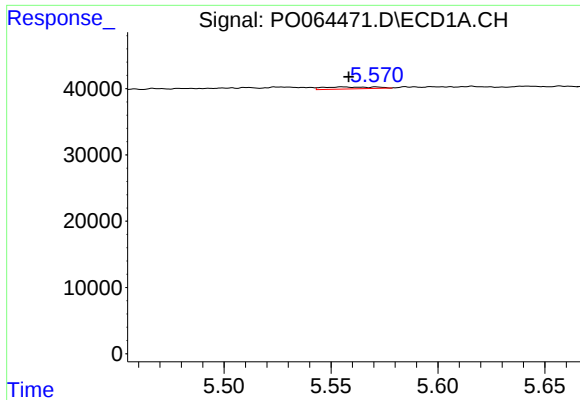
#4 AR-1016-2

R.T.: 5.511 min
Delta R.T.: 0.014 min
Response: 13714
Conc: 7.52 ng/ml



#4 AR-1016-2

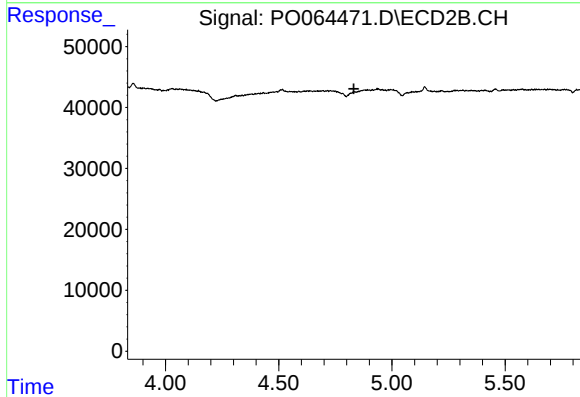
R.T.: 0.000 min
Exp R.T. : 4.657 min
Response: 0
Conc: N.D.



#5 AR-1016-3

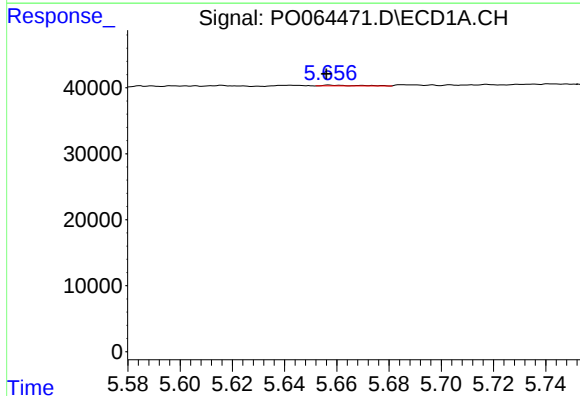
R.T.: 5.555 min
Delta R.T.: -0.003 min
Response: 4794
Conc: 4.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



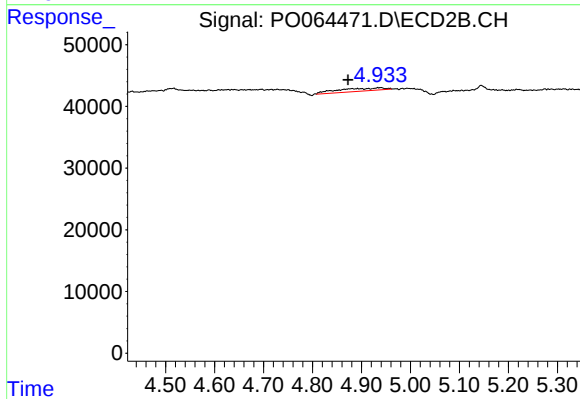
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.832 min
Response: 0
Conc: N.D.



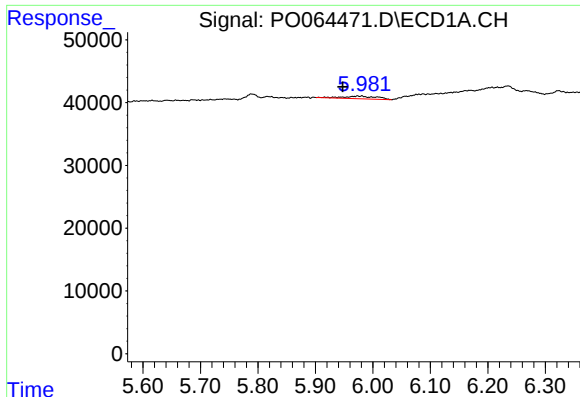
#6 AR-1016-4

R.T.: 5.658 min
Delta R.T.: 0.002 min
Response: 1012
Conc: 1.08 ng/ml



#6 AR-1016-4

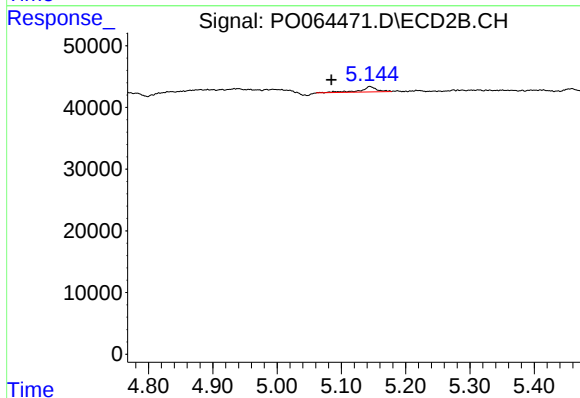
R.T.: 4.933 min
Delta R.T.: 0.061 min
Response: 31997
Conc: 49.19 ng/ml



#7 AR-1016-5

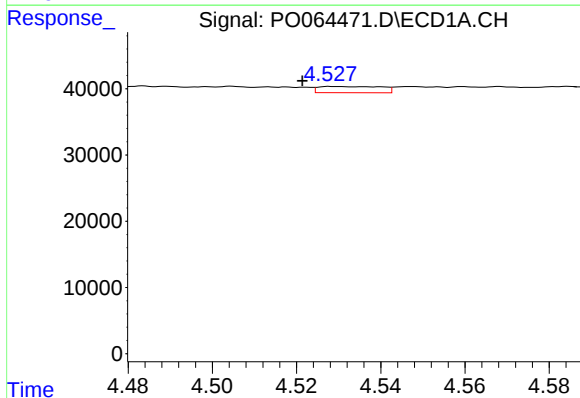
R.T.: 5.977 min
Delta R.T.: 0.030 min
Response: 17020
Conc: 17.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



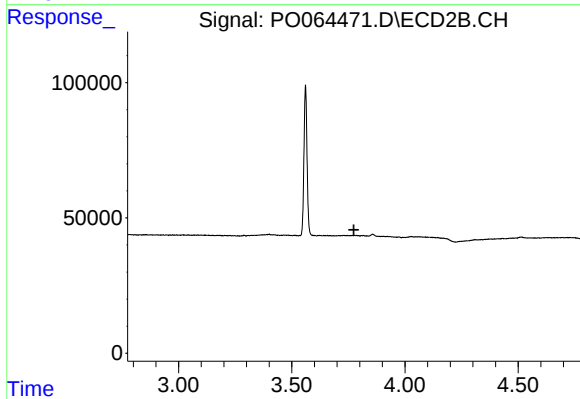
#7 AR-1016-5

R.T.: 5.144 min
Delta R.T.: 0.060 min
Response: 14979
Conc: 17.99 ng/ml



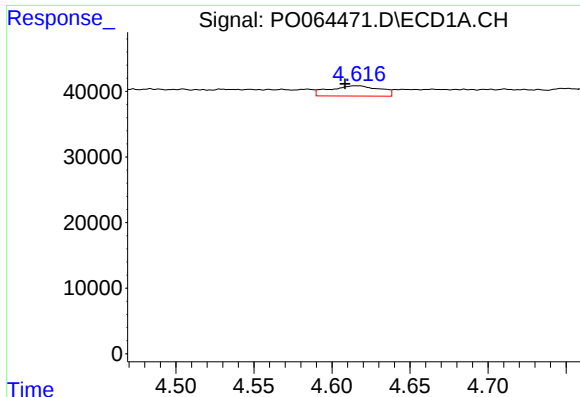
#8 AR-1221-1

R.T.: 4.529 min
Delta R.T.: 0.008 min
Response: 9815
Conc: 27.63 ng/ml



#8 AR-1221-1

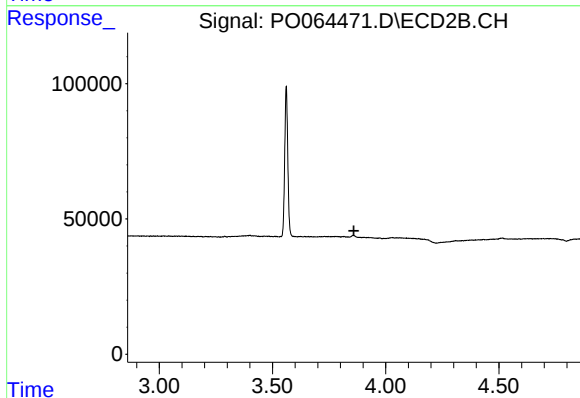
R.T.: 0.000 min
Exp R.T. : 3.775 min
Response: 0
Conc: N.D.



#9 AR-1221-2

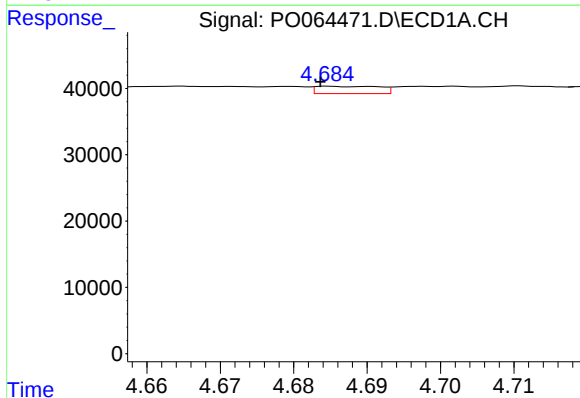
R.T.: 4.616 min
Delta R.T.: 0.008 min
Response: 34925
Conc: 126.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



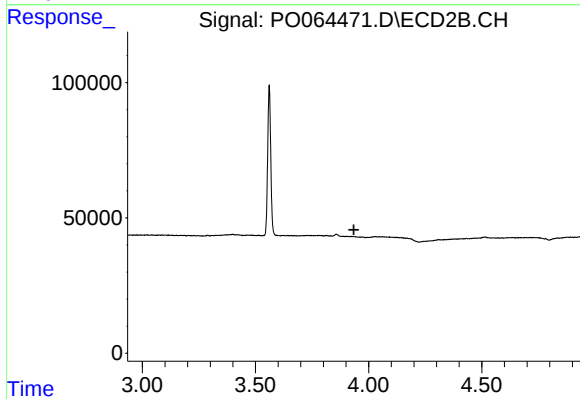
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.859 min
Response: 0
Conc: N.D.



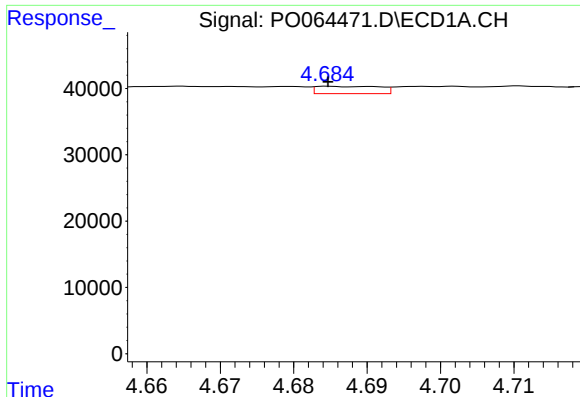
#10 AR-1221-3

R.T.: 4.685 min
Delta R.T.: 0.001 min
Response: 6655
Conc: 7.93 ng/ml



#10 AR-1221-3

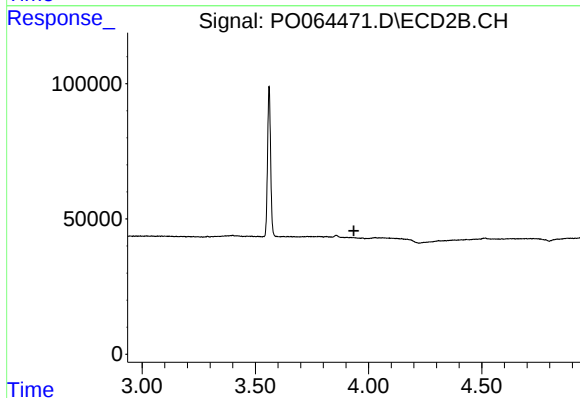
R.T.: 0.000 min
Exp R.T. : 3.935 min
Response: 0
Conc: N.D.



#11 AR-1232-1

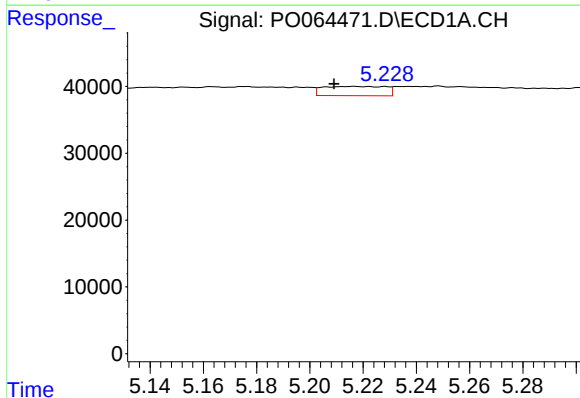
R.T.: 4.685 min
Delta R.T.: 0.000 min
Response: 6655
Conc: 5.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



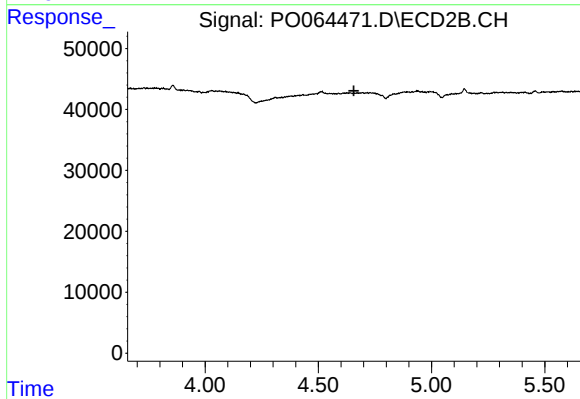
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.935 min
Response: 0
Conc: N.D.



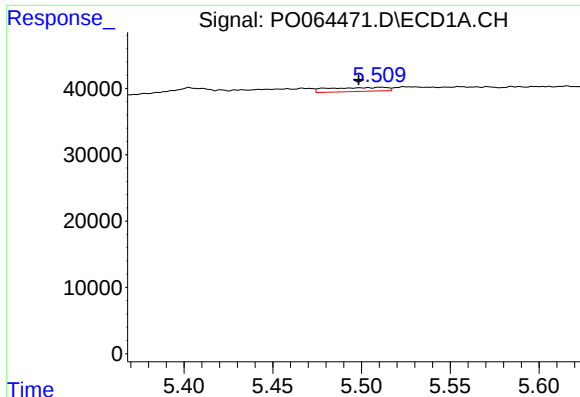
#12 AR-1232-2

R.T.: 5.217 min
Delta R.T.: 0.008 min
Response: 22946
Conc: 32.66 ng/ml



#12 AR-1232-2

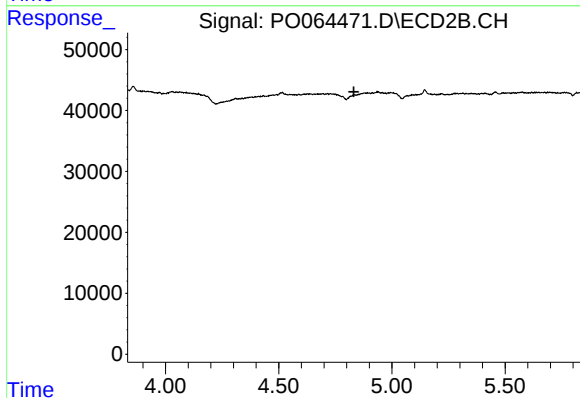
R.T.: 0.000 min
Exp R.T. : 4.657 min
Response: 0
Conc: N.D.



#13 AR-1232-3

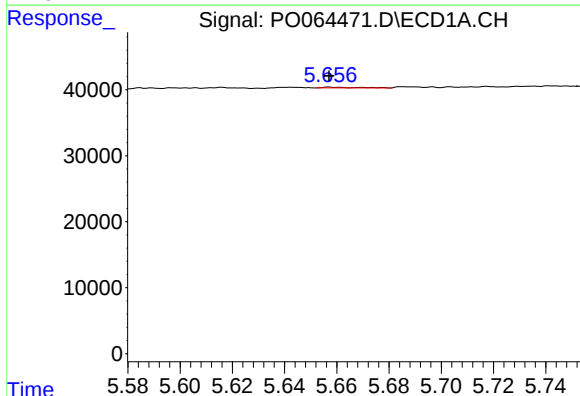
R.T.: 5.511 min
Delta R.T.: 0.012 min
Response: 13714
Conc: 9.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



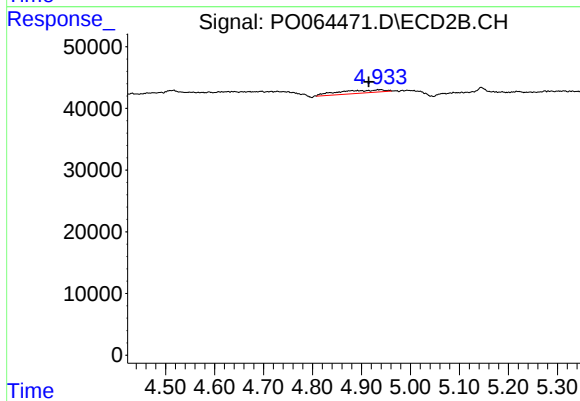
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.832 min
Response: 0
Conc: N.D.



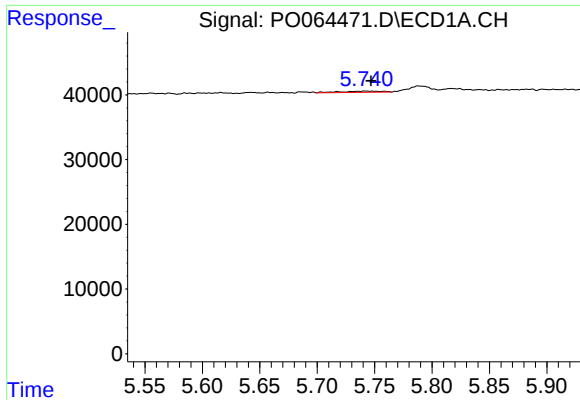
#14 AR-1232-4

R.T.: 5.658 min
Delta R.T.: 0.001 min
Response: 1012
Conc: 1.42 ng/ml



#14 AR-1232-4

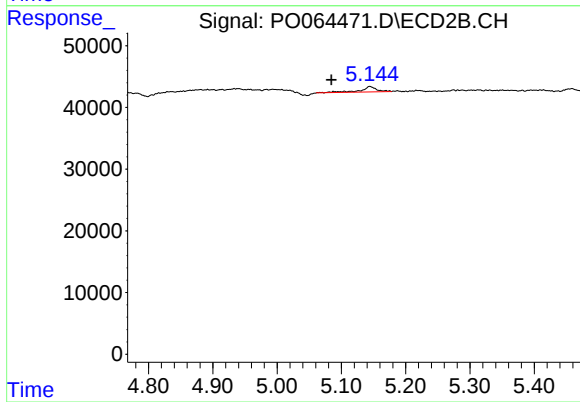
R.T.: 4.933 min
Delta R.T.: 0.019 min
Response: 31997
Conc: 60.27 ng/ml



#15 AR-1232-5

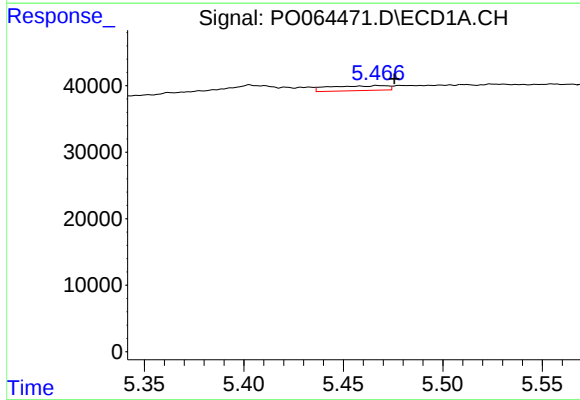
R.T.: 5.744 min
Delta R.T.: -0.003 min
Response: 4727
Conc: 8.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



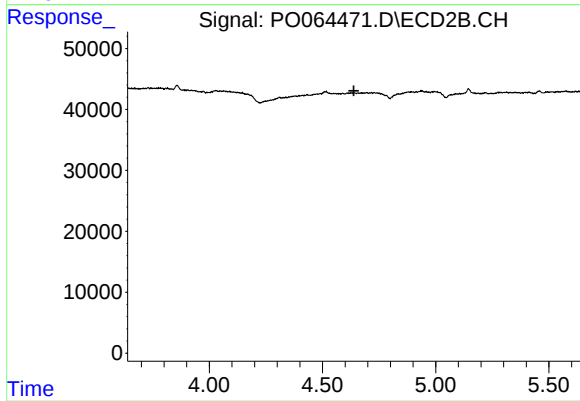
#15 AR-1232-5

R.T.: 5.144 min
Delta R.T.: 0.059 min
Response: 14979
Conc: 25.58 ng/ml



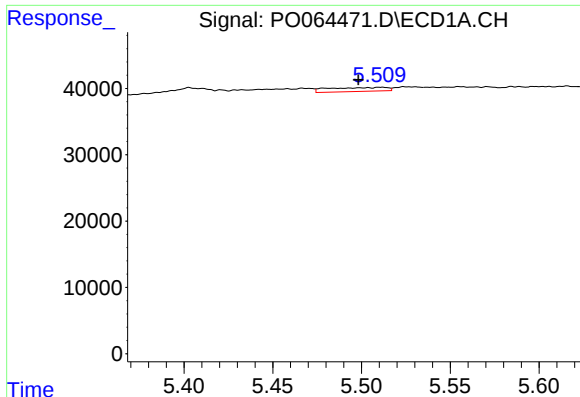
#16 AR-1242-1

R.T.: 5.467 min
Delta R.T.: -0.008 min
Response: 14949
Conc: 15.70 ng/ml



#16 AR-1242-1

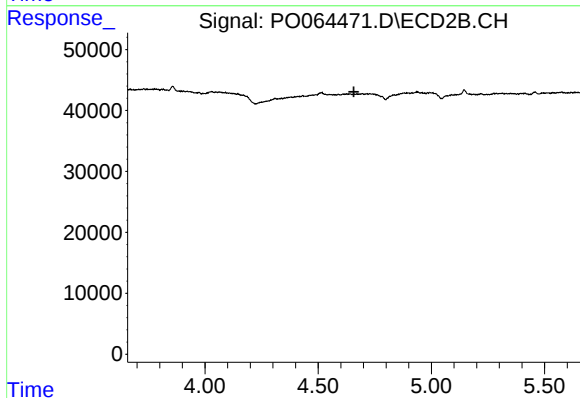
R.T.: 0.000 min
Exp R.T.: 4.639 min
Response: 0
Conc: N.D.



#17 AR-1242-2

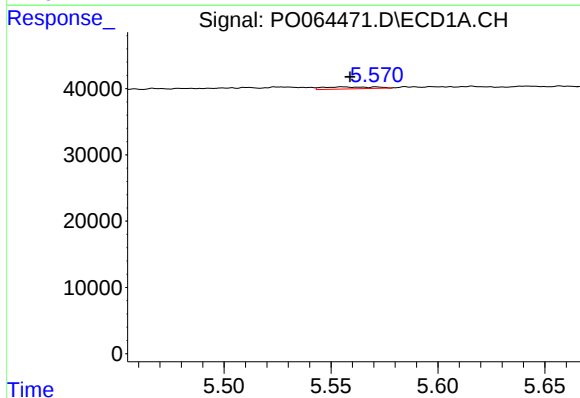
R.T.: 5.511 min
Delta R.T.: 0.013 min
Response: 13714
Conc: 10.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



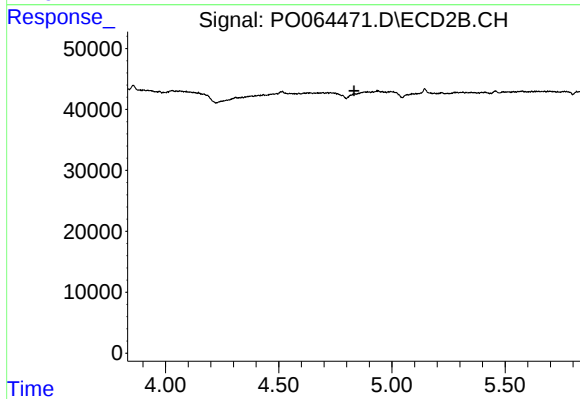
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.658 min
Response: 0
Conc: N.D.



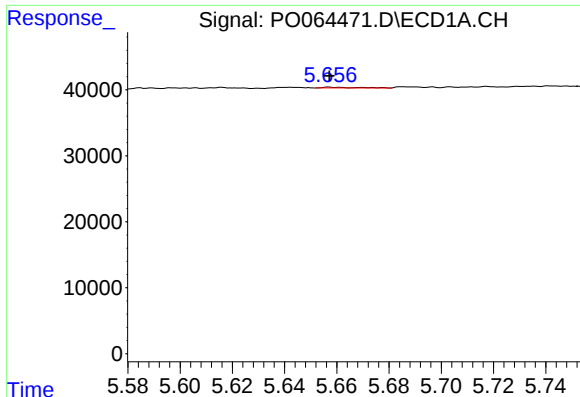
#18 AR-1242-3

R.T.: 5.555 min
Delta R.T.: -0.004 min
Response: 4794
Conc: 5.59 ng/ml



#18 AR-1242-3

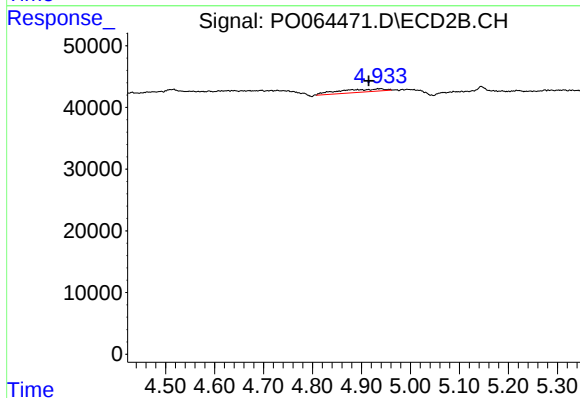
R.T.: 0.000 min
Exp R.T. : 4.832 min
Response: 0
Conc: N.D.



#19 AR-1242-4

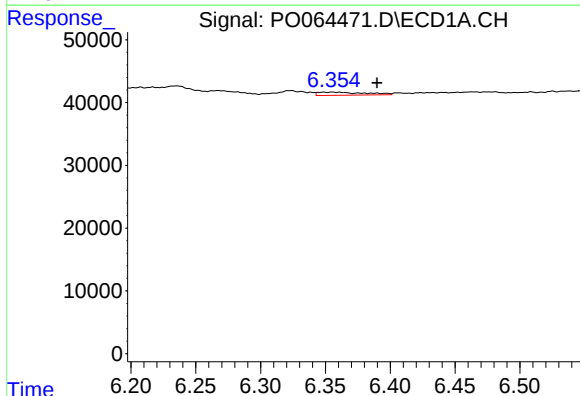
R.T.: 5.658 min
Delta R.T.: 0.001 min
Response: 1012
Conc: 1.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



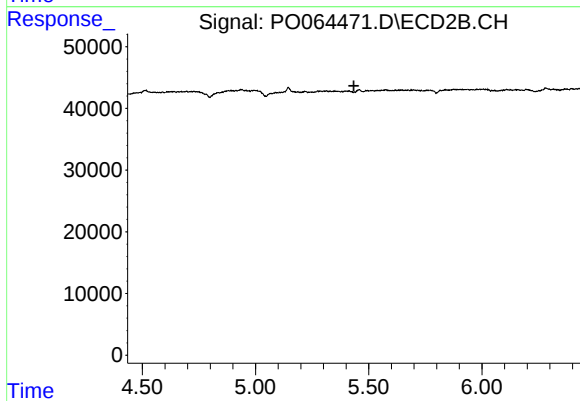
#19 AR-1242-4

R.T.: 4.933 min
Delta R.T.: 0.019 min
Response: 31997
Conc: 56.42 ng/ml



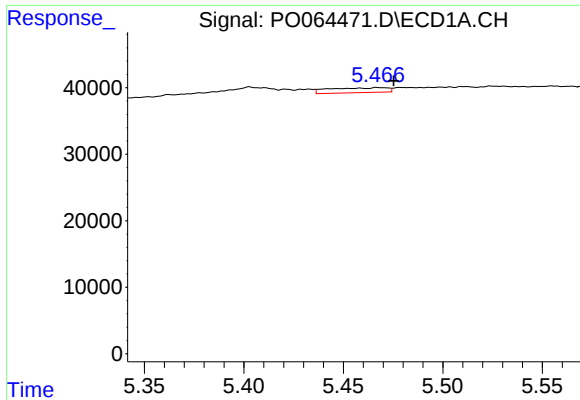
#20 AR-1242-5

R.T.: 6.355 min
Delta R.T.: -0.034 min
Response: 12416
Conc: 14.70 ng/ml



#20 AR-1242-5

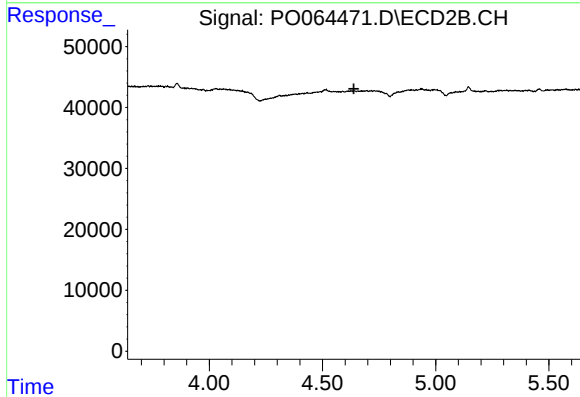
R.T.: 0.000 min
Exp R.T.: 5.434 min
Response: 0
Conc: N.D.



#21 AR-1248-1

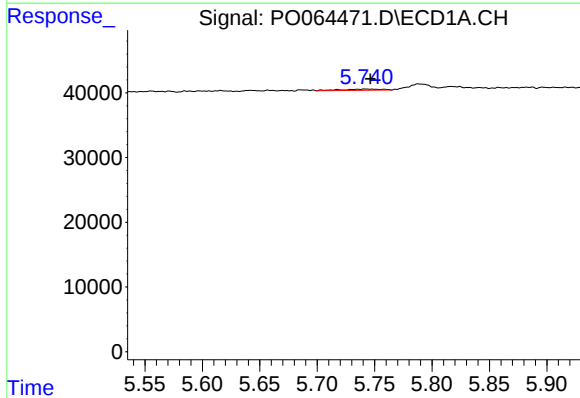
R.T.: 5.467 min
Delta R.T.: -0.008 min
Response: 14949
Conc: 26.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



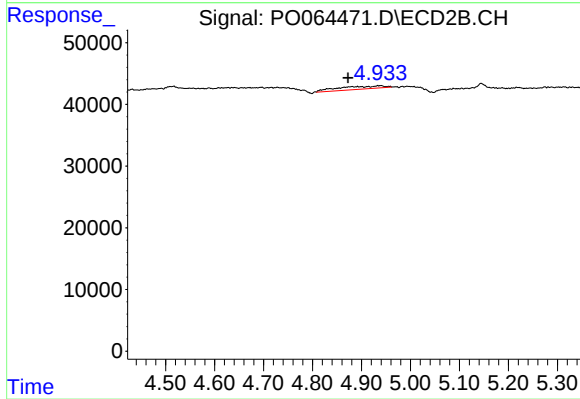
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.638 min
Response: 0
Conc: N.D.



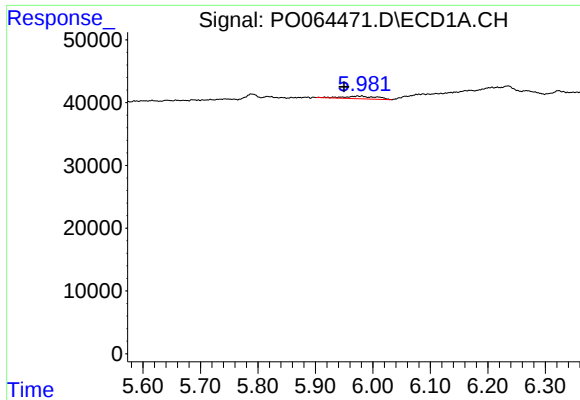
#22 AR-1248-2

R.T.: 5.744 min
Delta R.T.: -0.003 min
Response: 4727
Conc: 5.70 ng/ml



#22 AR-1248-2

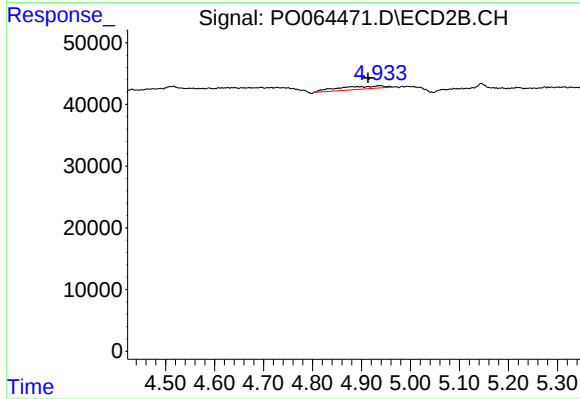
R.T.: 4.933 min
Delta R.T.: 0.061 min
Response: 31997
Conc: 50.89 ng/ml



#23 AR-1248-3

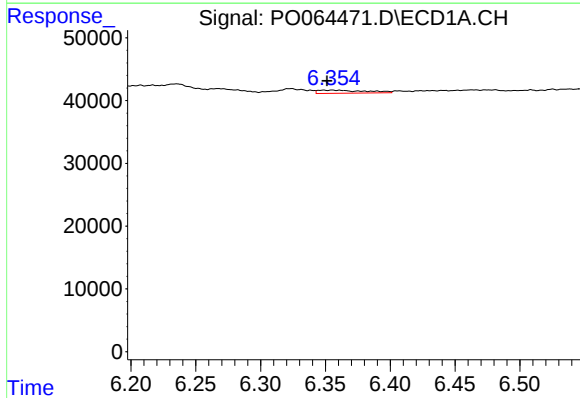
R.T.: 5.977 min
Delta R.T.: 0.027 min
Response: 17020
Conc: 18.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



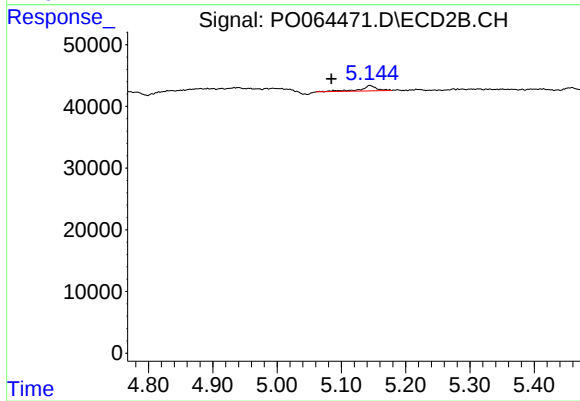
#23 AR-1248-3

R.T.: 4.933 min
Delta R.T.: 0.020 min
Response: 31997
Conc: 49.59 ng/ml



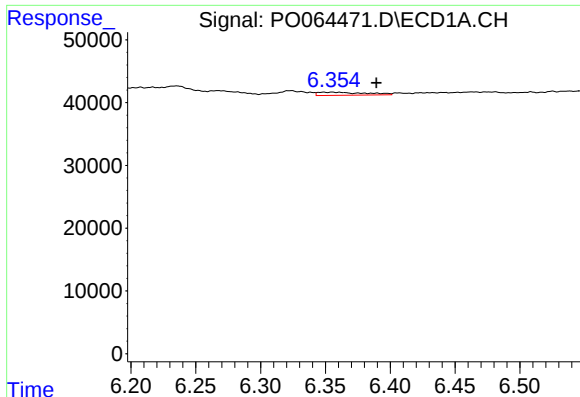
#24 AR-1248-4

R.T.: 6.355 min
Delta R.T.: 0.004 min
Response: 12416
Conc: 11.20 ng/ml



#24 AR-1248-4

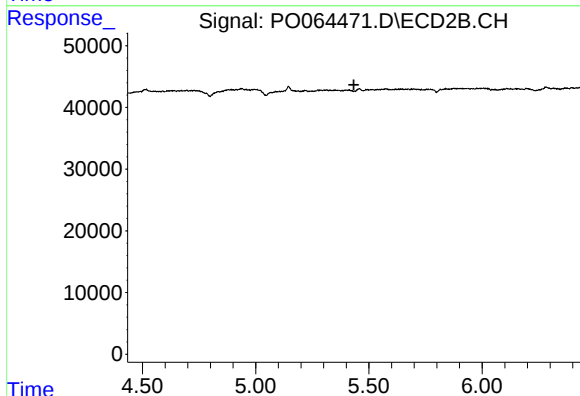
R.T.: 5.144 min
Delta R.T.: 0.060 min
Response: 14979
Conc: 19.00 ng/ml



#25 AR-1248-5

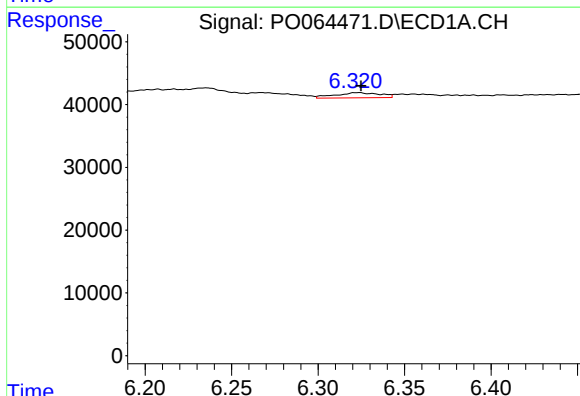
R.T.: 6.355 min
Delta R.T.: -0.034 min
Response: 12416
Conc: 11.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



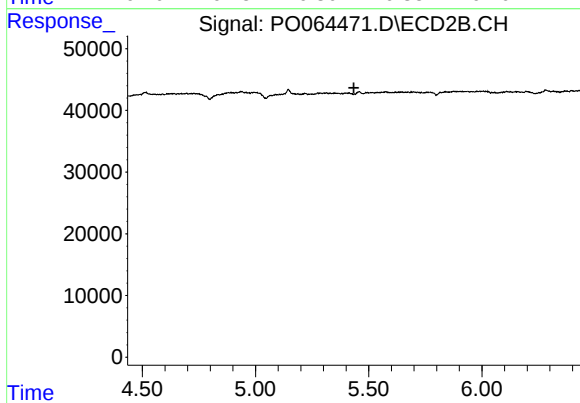
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.434 min
Response: 0
Conc: N.D.



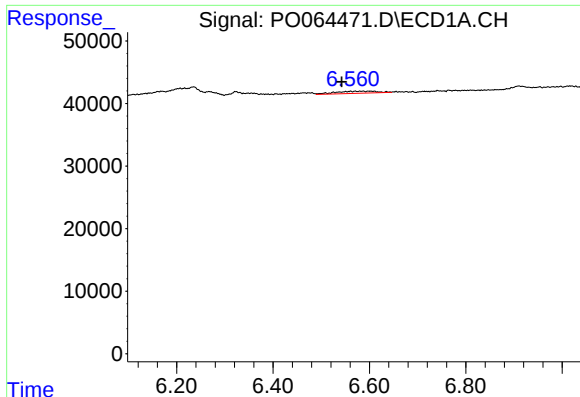
#26 AR-1254-1

R.T.: 6.323 min
Delta R.T.: -0.002 min
Response: 14488
Conc: 8.88 ng/ml



#26 AR-1254-1

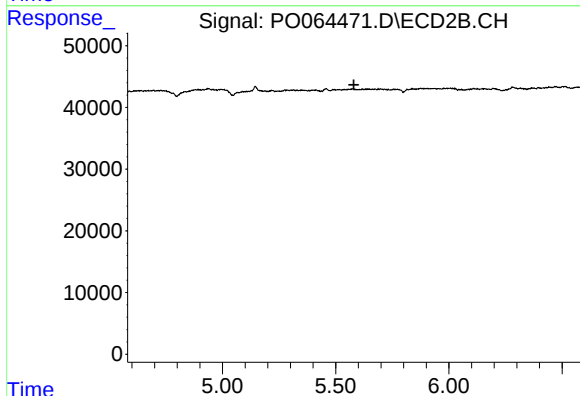
R.T.: 0.000 min
Exp R.T. : 5.435 min
Response: 0
Conc: N.D.



#27 AR-1254-2

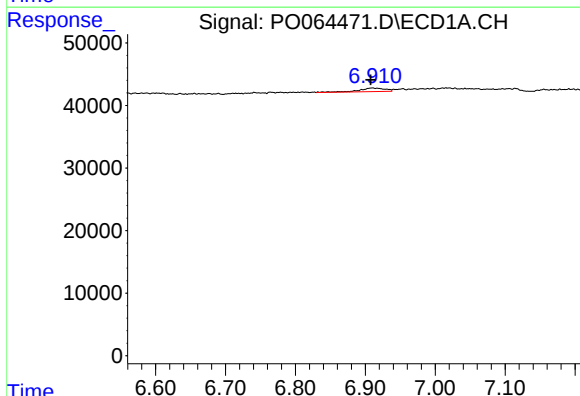
R.T.: 6.561 min
Delta R.T.: 0.018 min
Response: 20651
Conc: 7.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



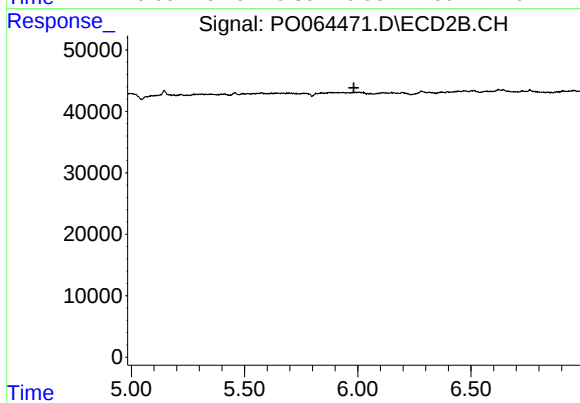
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.580 min
Response: 0
Conc: N.D.



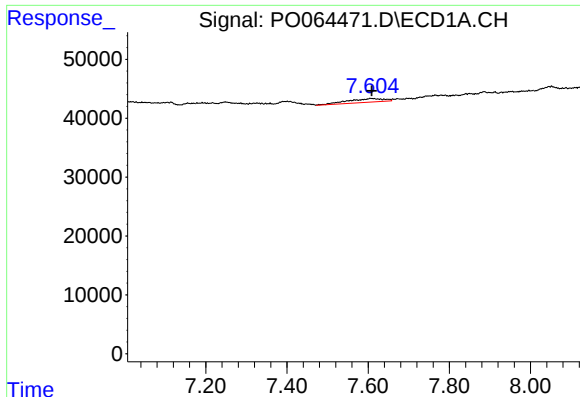
#28 AR-1254-3

R.T.: 6.910 min
Delta R.T.: 0.002 min
Response: 14241
Conc: 4.93 ng/ml



#28 AR-1254-3

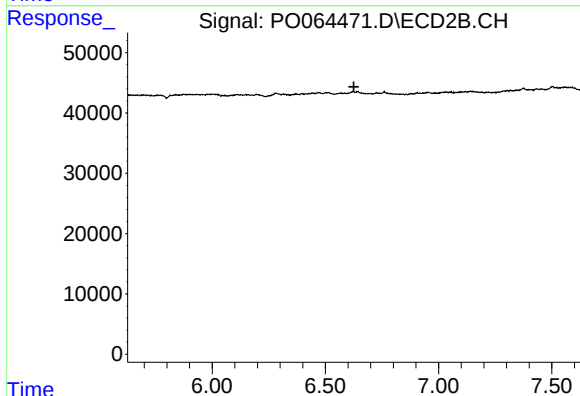
R.T.: 0.000 min
Exp R.T. : 5.983 min
Response: 0
Conc: N.D.



#30 AR-1254-5

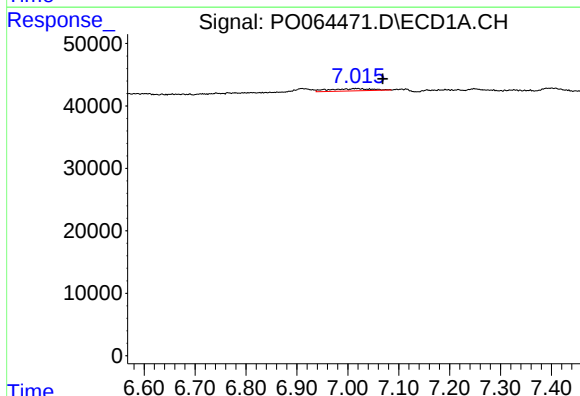
R.T.: 7.607 min
Delta R.T.: -0.003 min
Response: 38517
Conc: 15.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



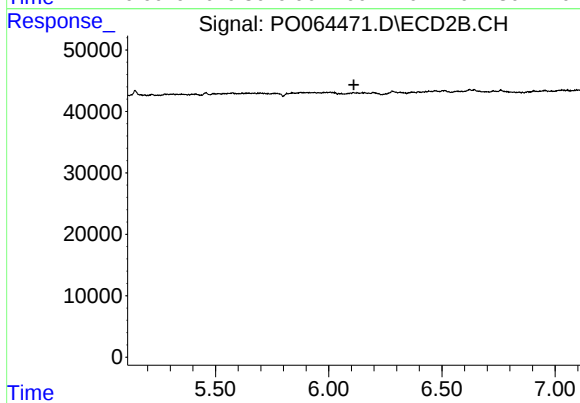
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 6.626 min
Response: 0
Conc: N.D.



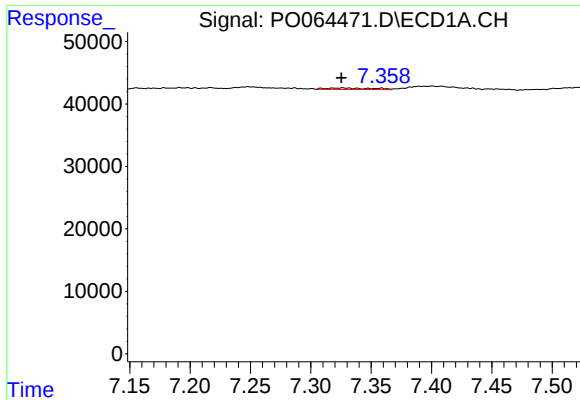
#31 AR-1260-1

R.T.: 7.017 min
Delta R.T.: -0.052 min
Response: 21483
Conc: 11.38 ng/ml



#31 AR-1260-1

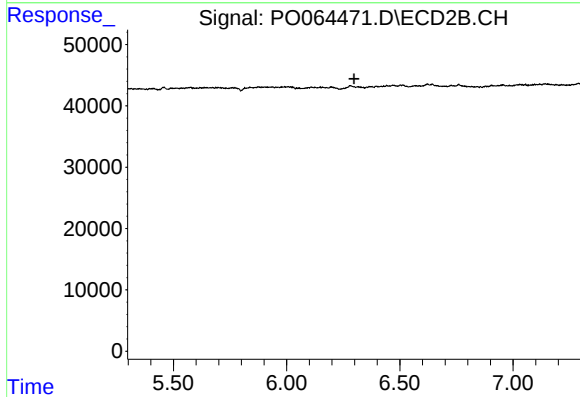
R.T.: 0.000 min
Exp R.T. : 6.111 min
Response: 0
Conc: N.D.



#32 AR-1260-2

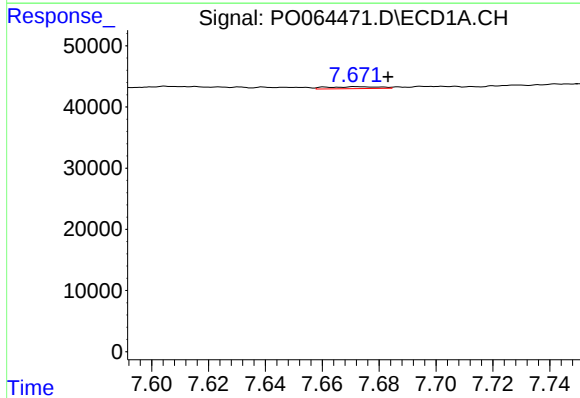
R.T.: 7.327 min
Delta R.T.: 0.001 min
Response: 5933
Conc: 2.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



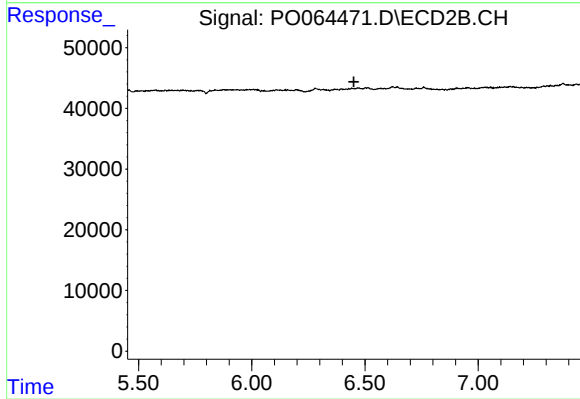
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 6.297 min
Response: 0
Conc: N.D.



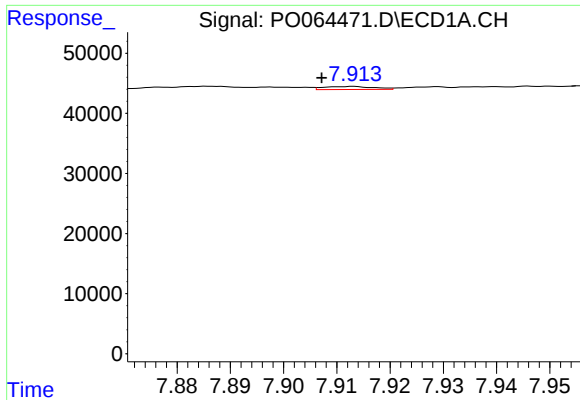
#33 AR-1260-3

R.T.: 7.673 min
Delta R.T.: -0.010 min
Response: 4008
Conc: 2.16 ng/ml



#33 AR-1260-3

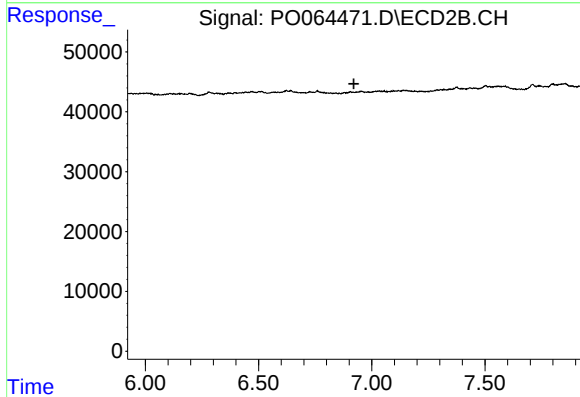
R.T.: 0.000 min
Exp R.T. : 6.451 min
Response: 0
Conc: N.D.



#34 AR-1260-4

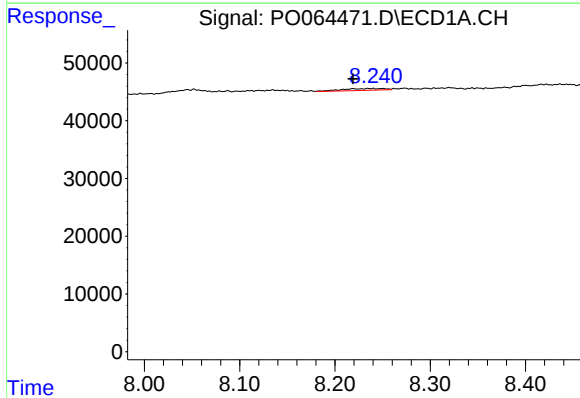
R.T.: 7.912 min
Delta R.T.: 0.005 min
Response: 3351
Conc: 1.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



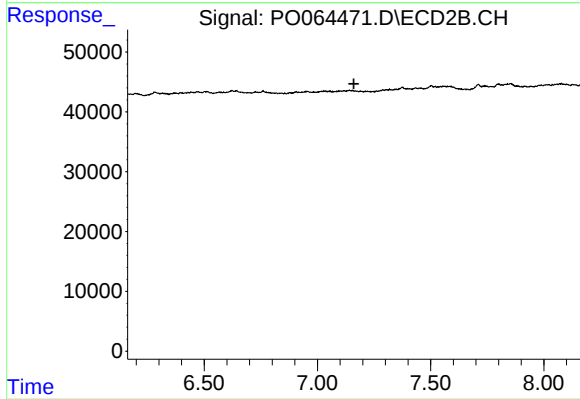
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.921 min
Response: 0
Conc: N.D.



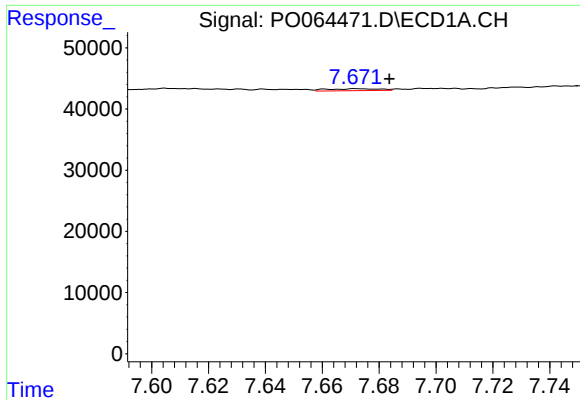
#35 AR-1260-5

R.T.: 8.220 min
Delta R.T.: 0.000 min
Response: 10143
Conc: 2.30 ng/ml



#35 AR-1260-5

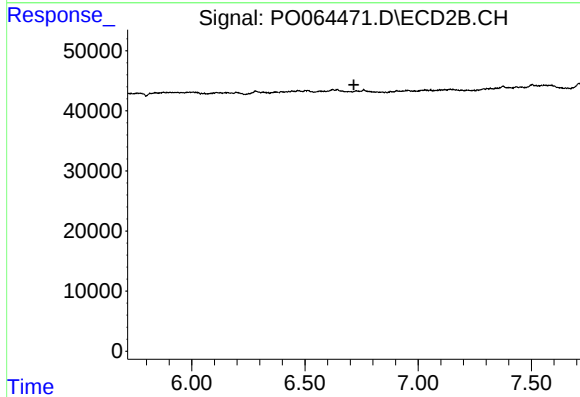
R.T.: 0.000 min
Exp R.T. : 7.161 min
Response: 0
Conc: N.D.



#36 AR-1262-1

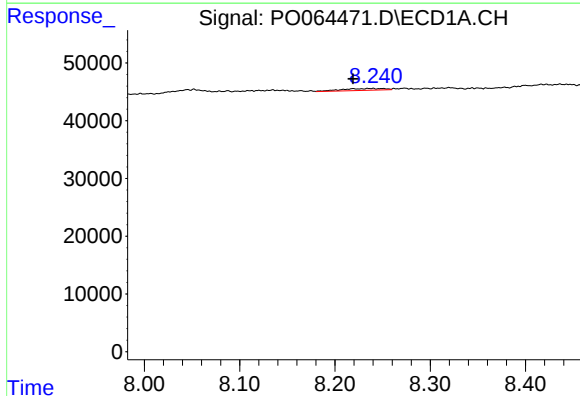
R.T.: 7.673 min
Delta R.T.: -0.010 min
Response: 4008
Conc: 1.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



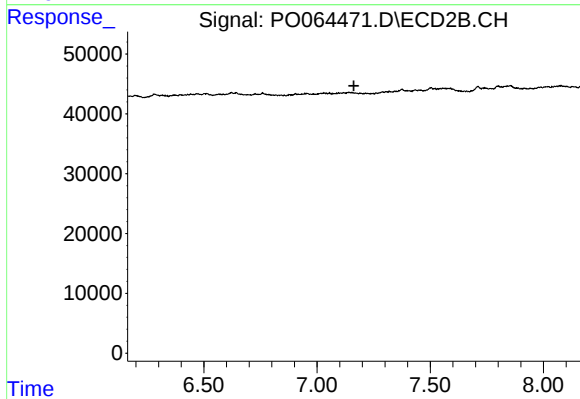
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.716 min
Response: 0
Conc: N.D.



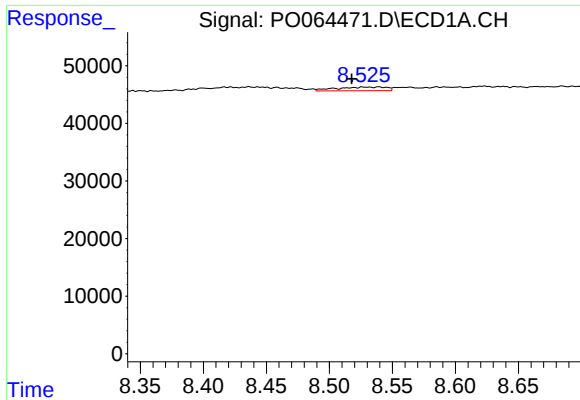
#37 AR-1262-2

R.T.: 8.220 min
Delta R.T.: 0.000 min
Response: 10143
Conc: 1.84 ng/ml



#37 AR-1262-2

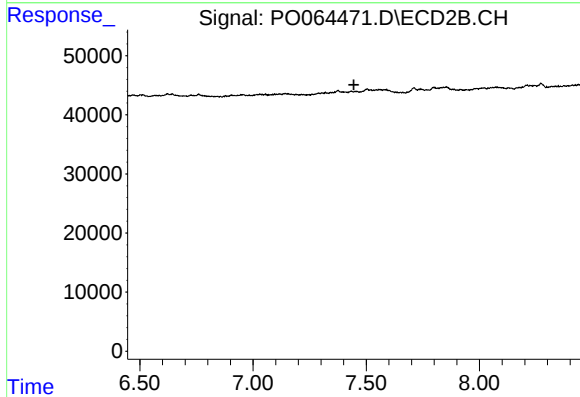
R.T.: 0.000 min
Exp R.T. : 7.163 min
Response: 0
Conc: N.D.



#38 AR-1262-3

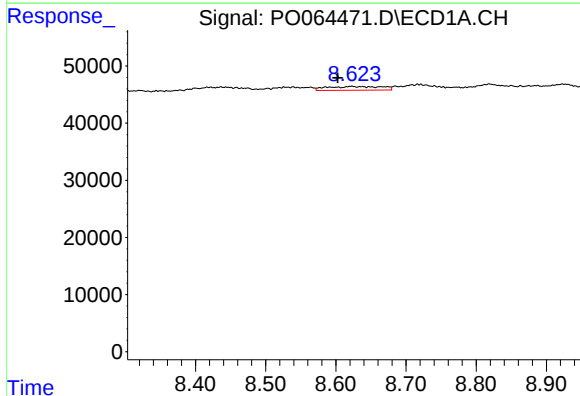
R.T.: 8.539 min
Delta R.T.: 0.021 min
Response: 17678
Conc: 4.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



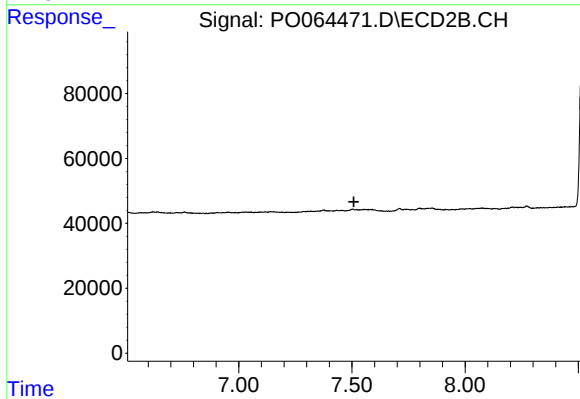
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.445 min
Response: 0
Conc: N.D.



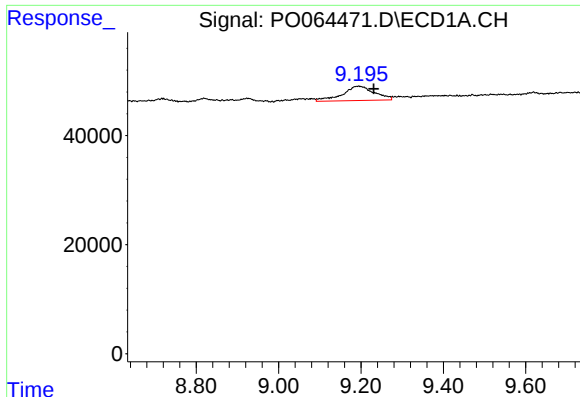
#39 AR-1262-4

R.T.: 8.623 min
Delta R.T.: 0.020 min
Response: 36034
Conc: 12.33 ng/ml



#39 AR-1262-4

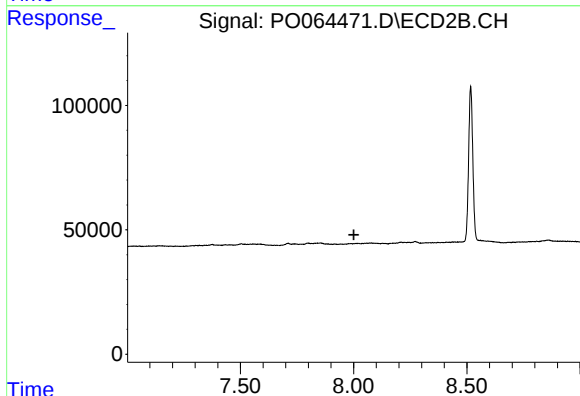
R.T.: 0.000 min
Exp R.T. : 7.509 min
Response: 0
Conc: N.D.



#40 AR-1262-5

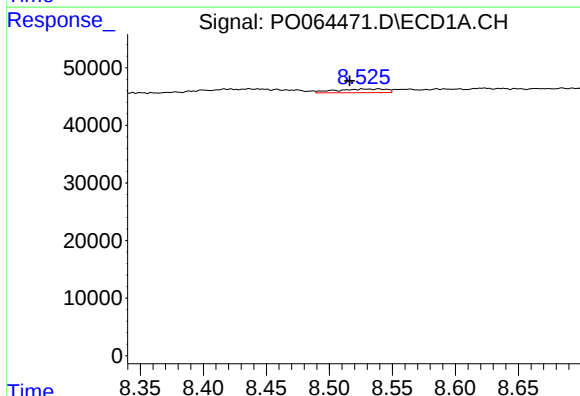
R.T.: 9.194 min
Delta R.T.: -0.037 min
Response: 142803
Conc: 68.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



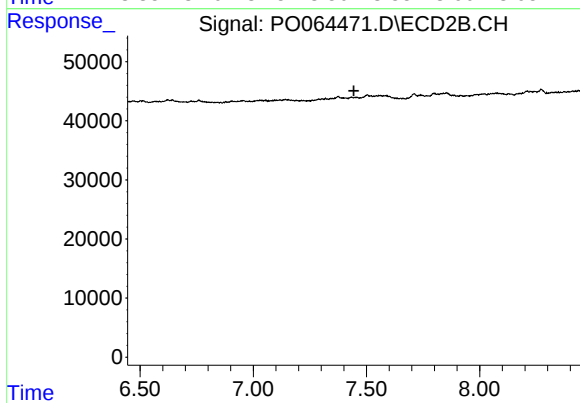
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.001 min
Response: 0
Conc: N.D.



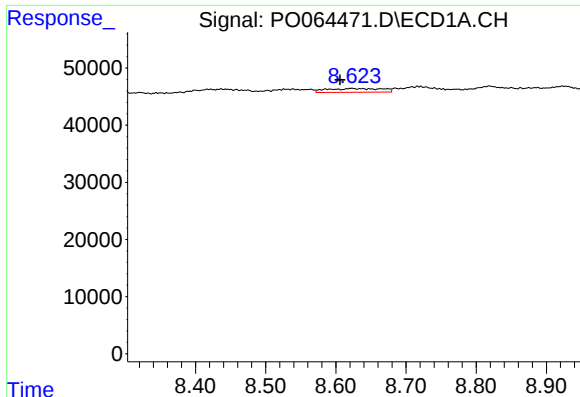
#41 AR-1268-1

R.T.: 8.539 min
Delta R.T.: 0.023 min
Response: 17678
Conc: 2.71 ng/ml



#41 AR-1268-1

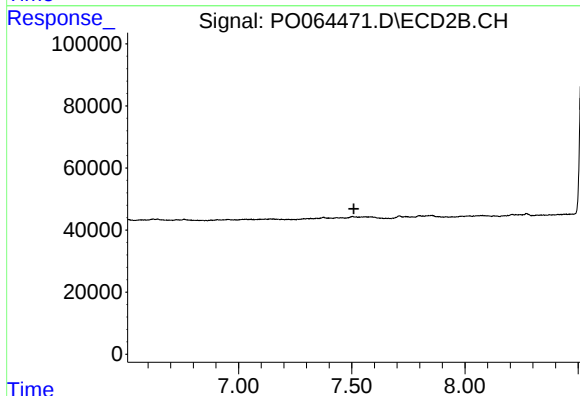
R.T.: 0.000 min
Exp R.T. : 7.445 min
Response: 0
Conc: N.D.



#42 AR-1268-2

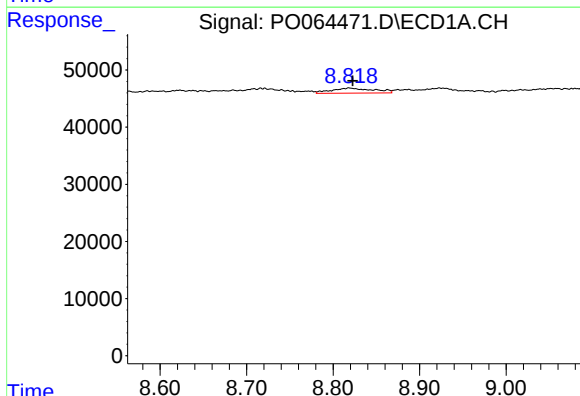
R.T.: 8.623 min
Delta R.T.: 0.017 min
Response: 36034
Conc: 5.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



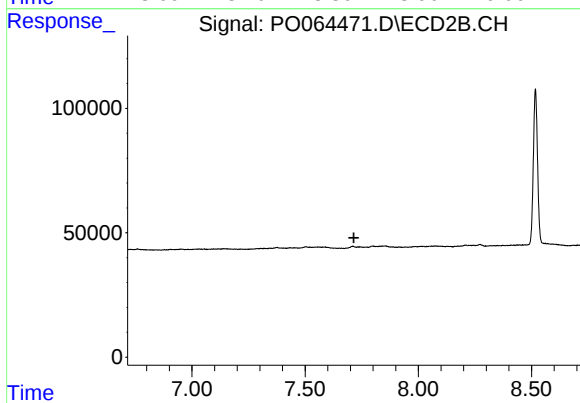
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.510 min
Response: 0
Conc: N.D.



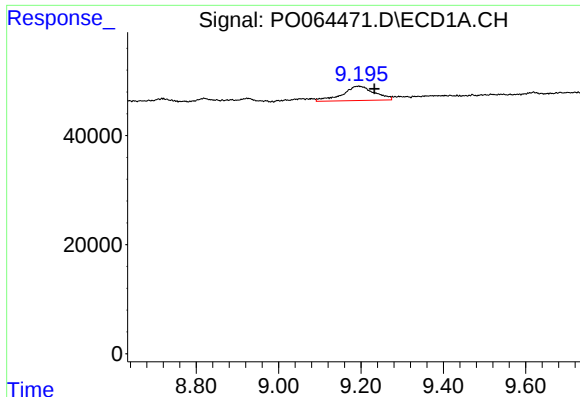
#43 AR-1268-3

R.T.: 8.819 min
Delta R.T.: -0.004 min
Response: 30248
Conc: 6.09 ng/ml



#43 AR-1268-3

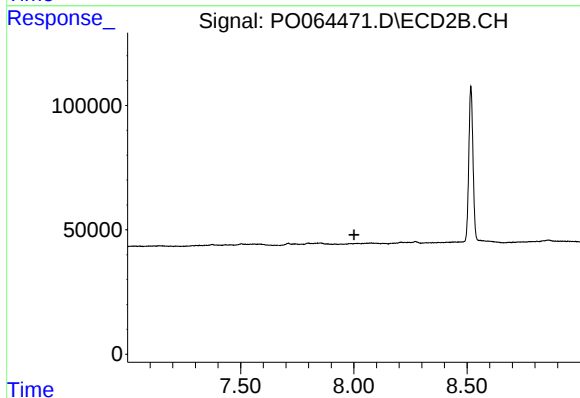
R.T.: 0.000 min
Exp R.T. : 7.715 min
Response: 0
Conc: N.D.



#44 AR-1268-4

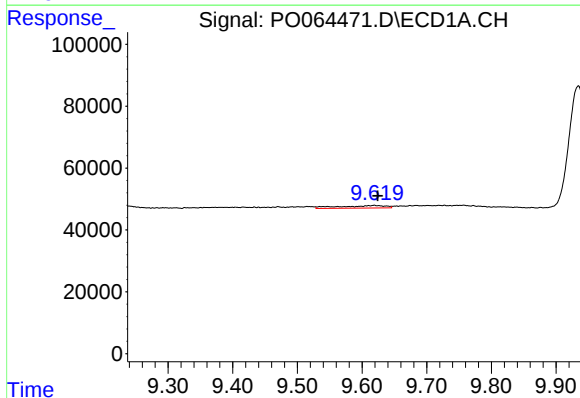
R.T.: 9.194 min
Delta R.T.: -0.039 min
Response: 142803
Conc: 61.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



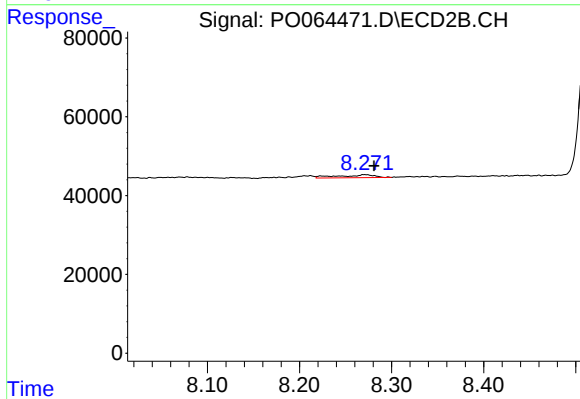
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.001 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.619 min
Delta R.T.: -0.005 min
Response: 41331
Conc: 2.69 ng/ml



#45 AR-1268-5

R.T.: 8.271 min
Delta R.T.: -0.011 min
Response: 20124
Conc: 1.22 ng/ml