

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0013020\
 Data File : P0066100.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Jan 2020 18:53
 Operator : DD\AJ
 Sample : L1267-09RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 31 02:59:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0013020.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jan 31 01:14:46 2020
 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...	4.155	3.433	488188	837922	16.758	20.485
2)	SA Decachlor...	9.645	8.326	954331	1420049	24.217	24.228
Target Compounds							
3)	L1 AR-1016-1	5.328	4.521	21097	177446	16.054	101.968 #
4)	L1 AR-1016-2	5.328	4.521	21097	177446	10.743	64.347 #
5)	L1 AR-1016-3	5.412	4.698	29248	53605	24.708	38.505 #
6)	L1 AR-1016-4	5.500	4.739	85808	237709	86.763	205.752 #
7)	L1 AR-1016-5	5.744	4.894	67804	18226	67.022	12.220 #
8)	L2 AR-1221-1	0.000	3.666	0	20959	N.D.	41.449 #
9)	L2 AR-1221-2	0.000	3.727	0	16965	N.D.	45.562 #
10)	L2 AR-1221-3	4.585	3.727	46479	16965	53.163	14.186 #
11)	L3 AR-1232-1	4.585	3.727	46479	16965	68.629	18.262 #
12)	L3 AR-1232-2	5.014	4.521	73274	177446	175.805	160.173
13)	L3 AR-1232-3	5.328	4.698	21097	53605	25.892	96.153 #
14)	L3 AR-1232-4	5.500	4.739	85808	237709	209.634	492.534 #
15)	L3 AR-1232-5	5.572	4.894	53207	18226	194.302	35.337 #
16)	L4 AR-1242-1	5.328	4.521	21097	177446	20.830	133.777 #
17)	L4 AR-1242-2	5.328	4.521	21097	177446	14.232	83.685 #
18)	L4 AR-1242-3	5.381	4.698	41581	53605	45.630	50.433
19)	L4 AR-1242-4	5.500	4.739	85808	237709	112.450	231.248 #
20)	L4 AR-1242-5	6.221	5.266	90759	54315	97.857	39.279 #
21)	L5 AR-1248-1	5.328	4.521	21097	177446	27.673	170.808 #
22)	L5 AR-1248-2	5.572	4.739	53207	237709	49.071	160.002 #
23)	L5 AR-1248-3	5.744	4.739	67804	237709	55.528	158.980 #
24)	L5 AR-1248-4	6.146	4.894	62498	18226	39.597	10.096 #
25)	L5 AR-1248-5	6.221	5.299	90759	82034	61.052	41.948 #
26)	L6 AR-1254-1	6.146	5.266	62498	54315	40.225	17.063 #
27)	L6 AR-1254-2	6.407	5.429	49037	48224	19.734	16.432
28)	L6 AR-1254-3	6.733	5.814	776656	75803	290.653	16.507 #
29)	L6 AR-1254-4	7.014	6.036	174004	84615	75.356	26.854 #
30)	L6 AR-1254-5	0.000	6.434	0	39374	N.D.	9.296 #
31)	L7 AR-1260-1	6.888	5.948	143758	122637	71.703	38.123 #
32)	L7 AR-1260-2	7.109	6.122	38080	712115	13.821	158.045 #
33)	L7 AR-1260-3	0.000	6.311	0	48806	N.D.	12.948 #
34)	L7 AR-1260-4	7.723	0.000	24715	0	10.842	N.D. #
35)	L7 AR-1260-5	0.000	7.011	0	41698	N.D.	5.035 #
36)	L8 AR-1262-1	0.000	6.561	0	167717	N.D.	79.609 #
37)	L8 AR-1262-2	0.000	7.011	0	41698	N.D.	4.406 #
38)	L8 AR-1262-3	0.000	7.236	0	285321	N.D.	74.137 #
39)	L8 AR-1262-4	0.000	7.317	0	27708	N.D.	4.216 #
40)	L8 AR-1262-5	0.000	7.767	0	9623	N.D.	3.412 #
41)	L9 AR-1268-1	0.000	7.236	0	285321	N.D.	23.761 #

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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	0.000	7.317	0	27708	N.D.	2.683 #
43) L9	AR-1268-3	8.543	7.541	122984	34171	23.694	3.922 #
44) L9	AR-1268-4	0.000	7.767	0	9623	N.D.	2.914 #

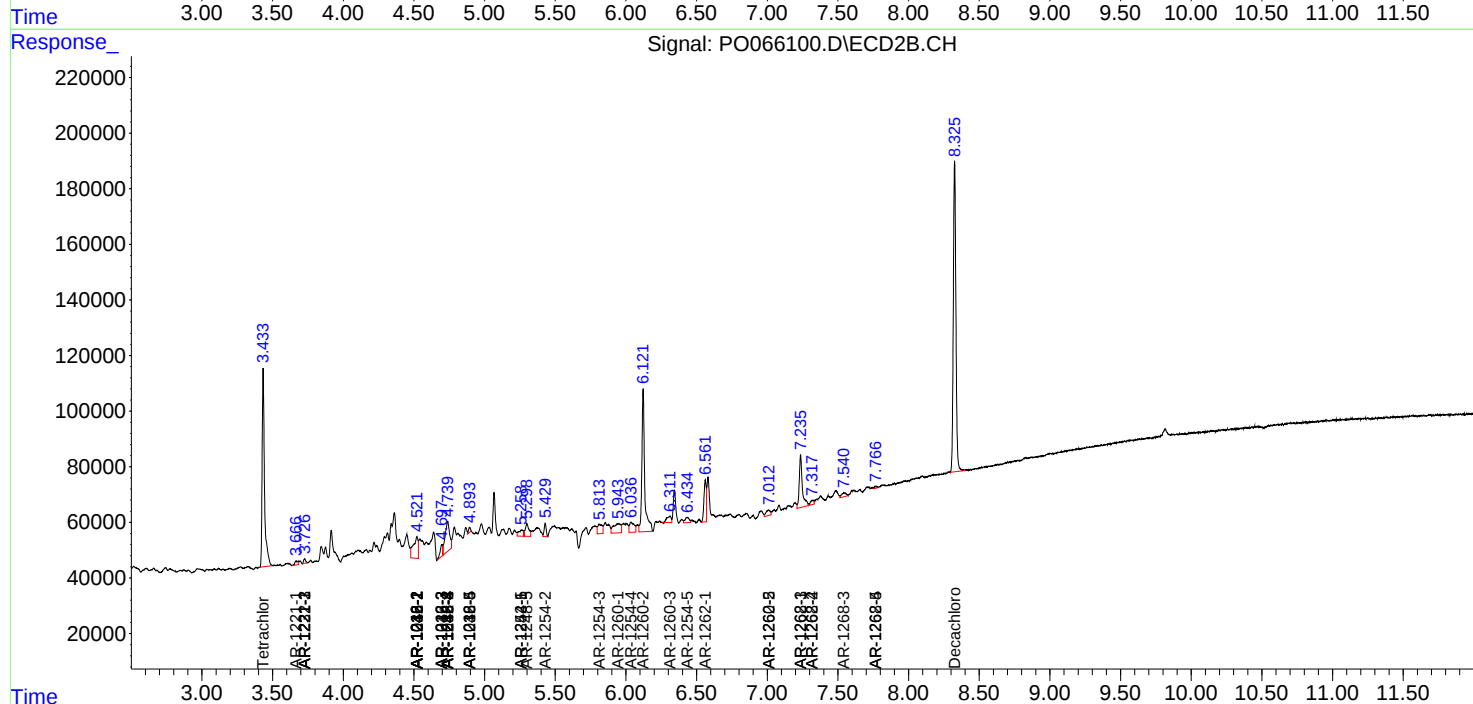
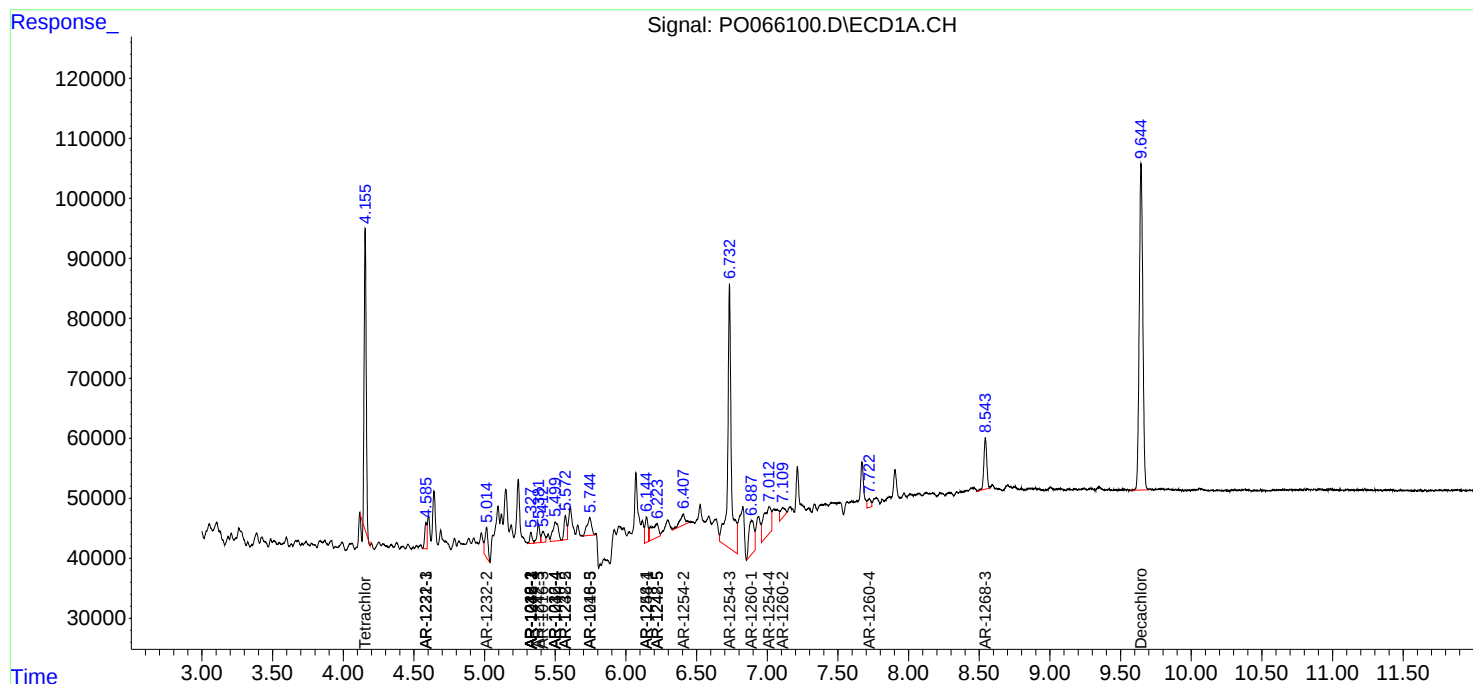
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

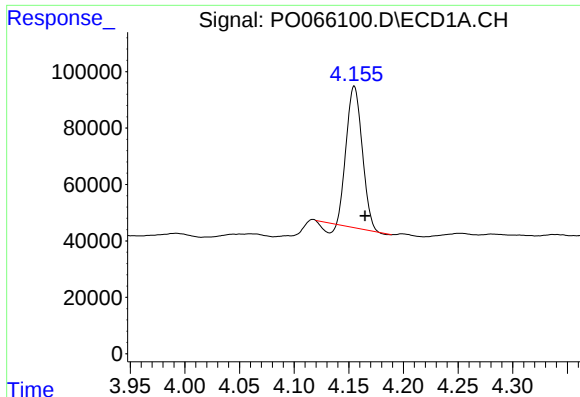
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

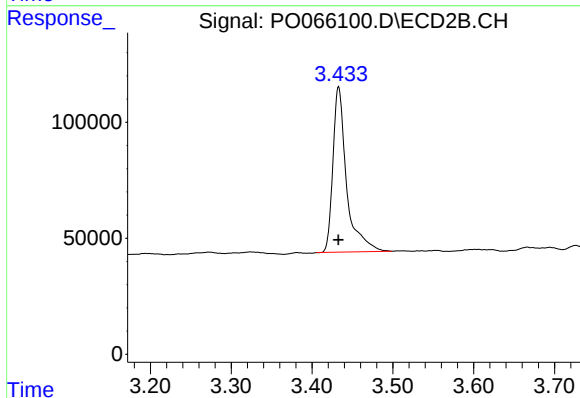




#1 Tetrachloro-m-xylene

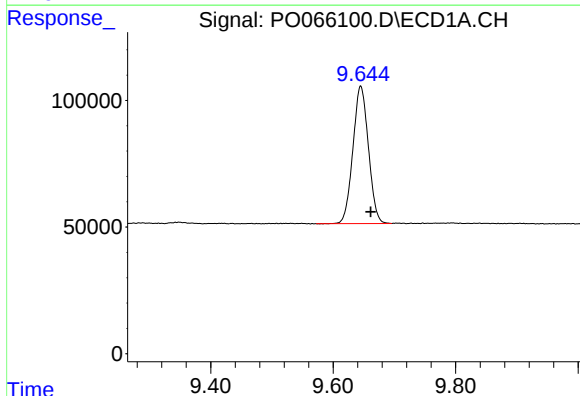
R.T.: 4.155 min
Delta R.T.: -0.010 min
Response: 488188
Conc: 16.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



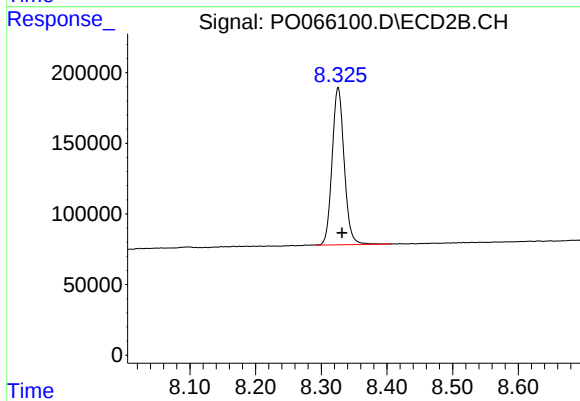
#1 Tetrachloro-m-xylene

R.T.: 3.433 min
Delta R.T.: 0.000 min
Response: 837922
Conc: 20.48 ng/ml



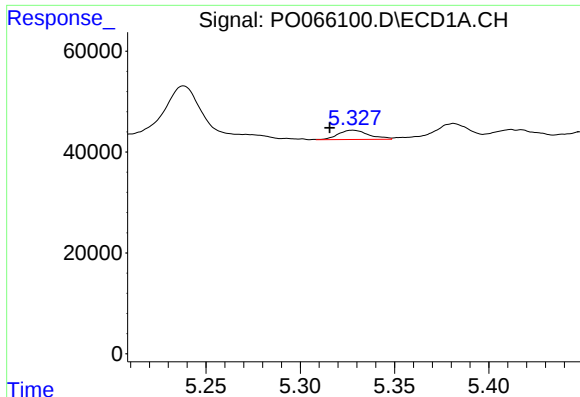
#2 Decachlorobiphenyl

R.T.: 9.645 min
Delta R.T.: -0.016 min
Response: 954331
Conc: 24.22 ng/ml



#2 Decachlorobiphenyl

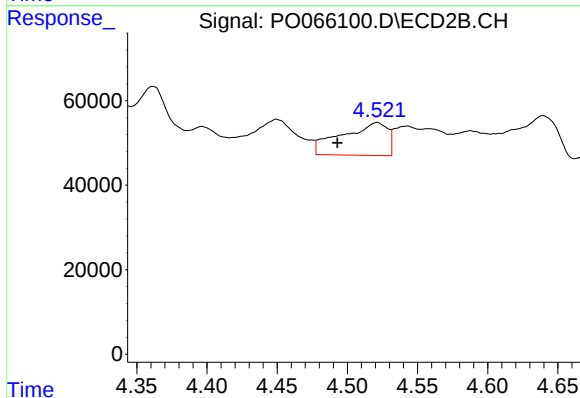
R.T.: 8.326 min
Delta R.T.: -0.006 min
Response: 1420049
Conc: 24.23 ng/ml



#3 AR-1016-1

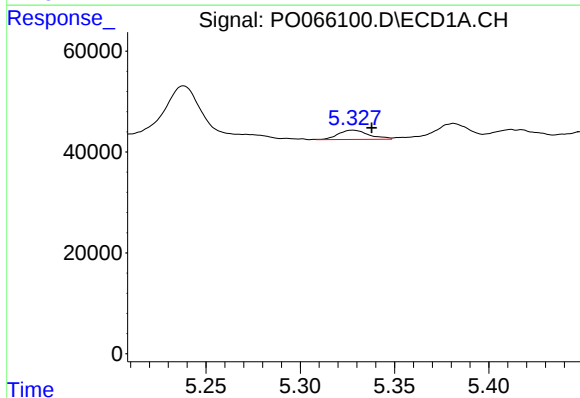
R.T.: 5.328 min
Delta R.T.: 0.012 min
Response: 21097
Conc: 16.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



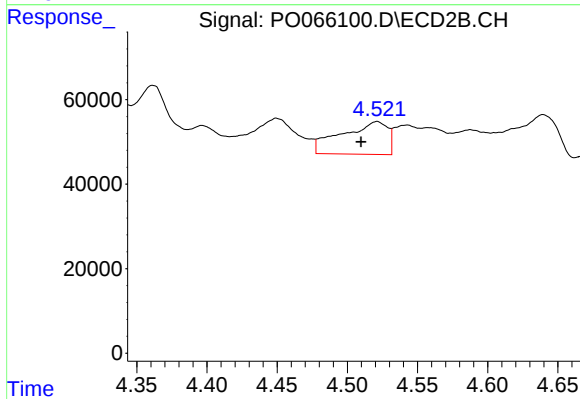
#3 AR-1016-1

R.T.: 4.521 min
Delta R.T.: 0.028 min
Response: 177446
Conc: 101.97 ng/ml



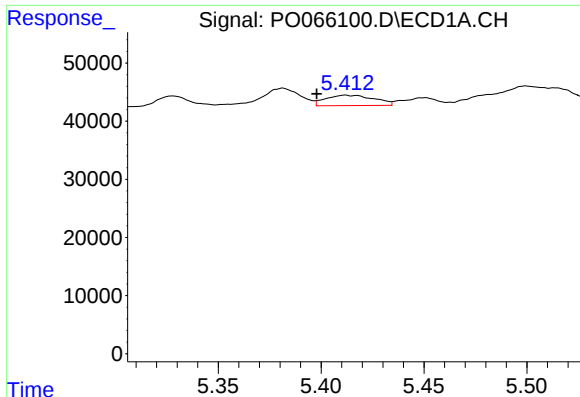
#4 AR-1016-2

R.T.: 5.328 min
Delta R.T.: -0.010 min
Response: 21097
Conc: 10.74 ng/ml



#4 AR-1016-2

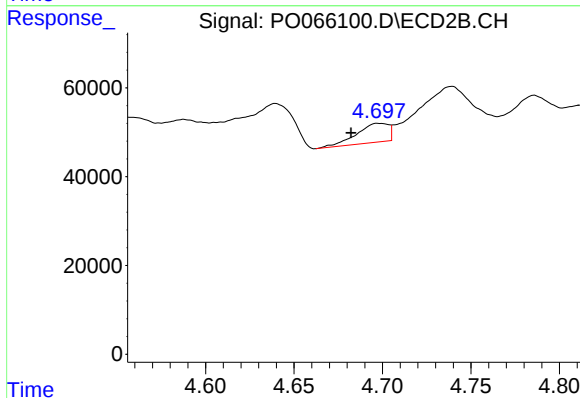
R.T.: 4.521 min
Delta R.T.: 0.011 min
Response: 177446
Conc: 64.35 ng/ml



#5 AR-1016-3

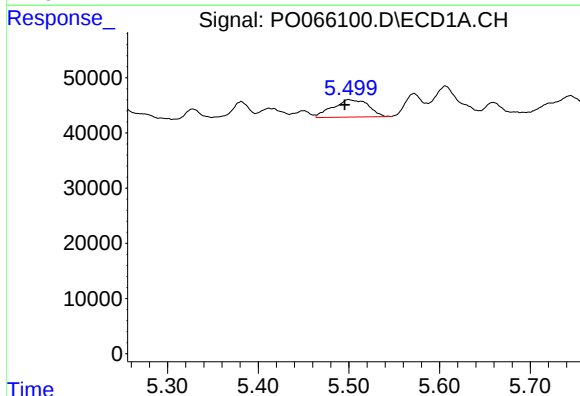
R.T.: 5.412 min
Delta R.T.: 0.014 min
Response: 29248
Conc: 24.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



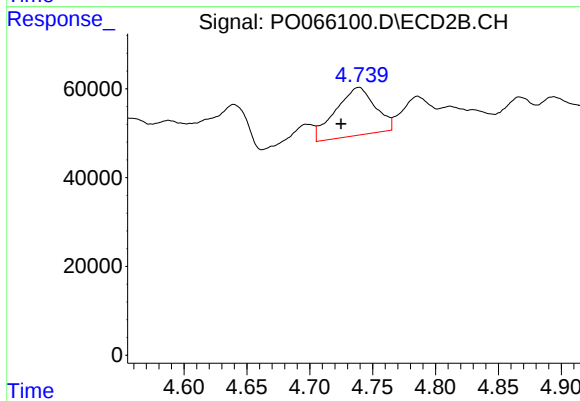
#5 AR-1016-3

R.T.: 4.698 min
Delta R.T.: 0.016 min
Response: 53605
Conc: 38.51 ng/ml



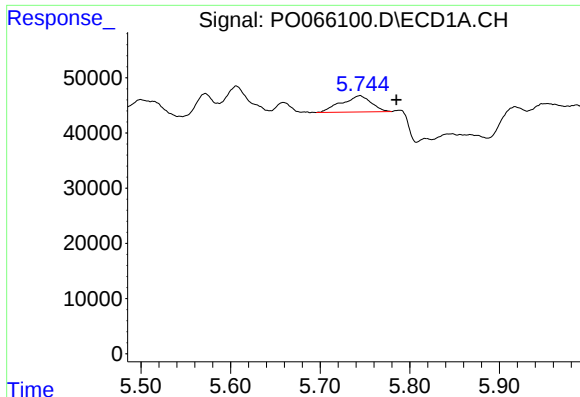
#6 AR-1016-4

R.T.: 5.500 min
Delta R.T.: 0.004 min
Response: 85808
Conc: 86.76 ng/ml



#6 AR-1016-4

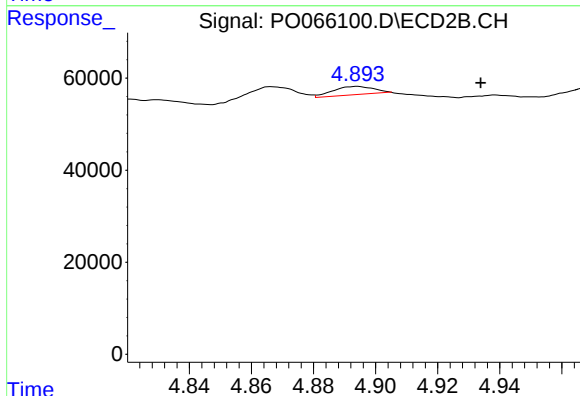
R.T.: 4.739 min
Delta R.T.: 0.014 min
Response: 237709
Conc: 205.75 ng/ml



#7 AR-1016-5

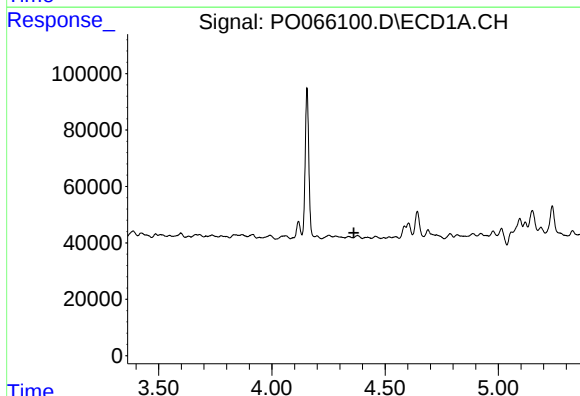
R.T.: 5.744 min
Delta R.T.: -0.041 min
Response: 67804
Conc: 67.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



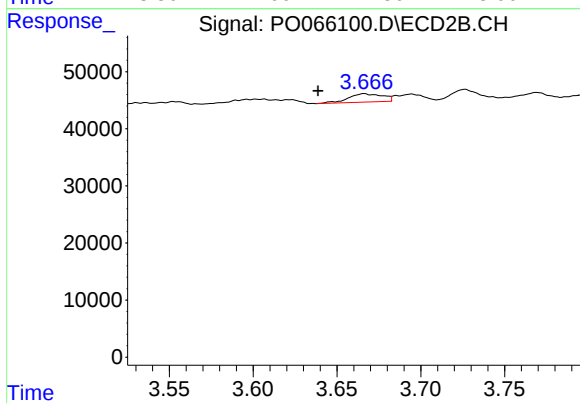
#7 AR-1016-5

R.T.: 4.894 min
Delta R.T.: -0.040 min
Response: 18226
Conc: 12.22 ng/ml



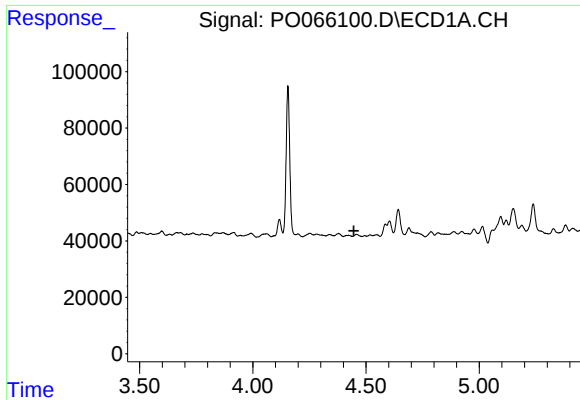
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.362 min
Response: 0
Conc: N.D.



#8 AR-1221-1

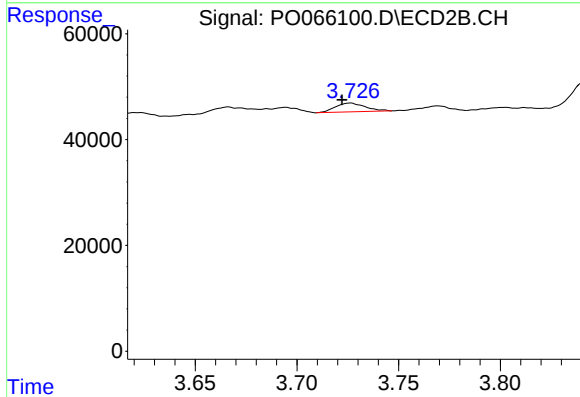
R.T.: 3.666 min
Delta R.T.: 0.028 min
Response: 20959
Conc: 41.45 ng/ml



#9 AR-1221-2

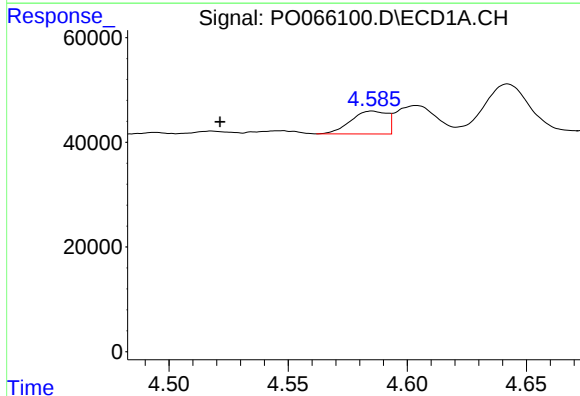
R.T.: 0.000 min
Exp R.T.: 4.446 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



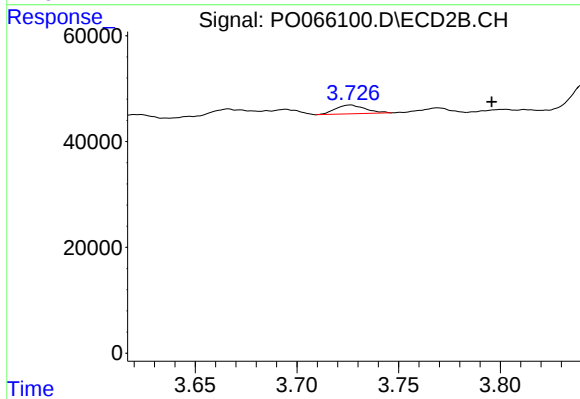
#9 AR-1221-2

R.T.: 3.727 min
Delta R.T.: 0.004 min
Response: 16965
Conc: 45.56 ng/ml



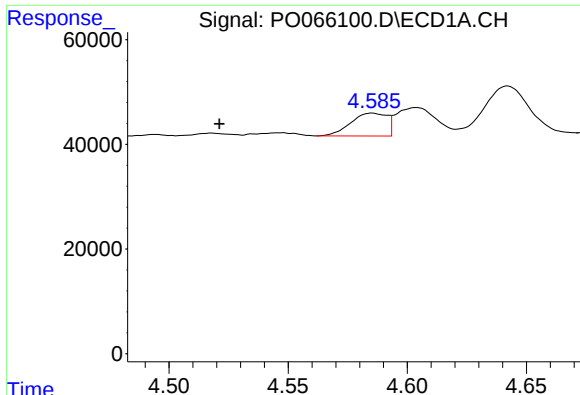
#10 AR-1221-3

R.T.: 4.585 min
Delta R.T.: 0.064 min
Response: 46479
Conc: 53.16 ng/ml



#10 AR-1221-3

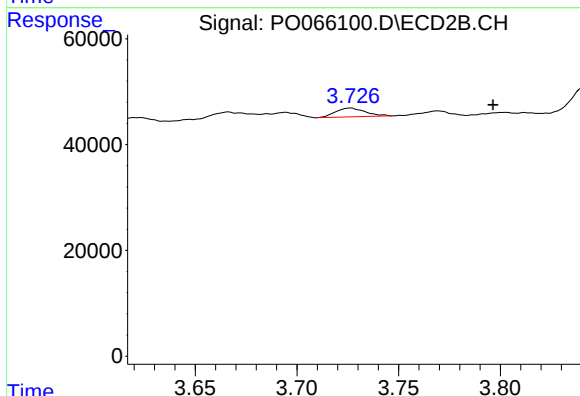
R.T.: 3.727 min
Delta R.T.: -0.069 min
Response: 16965
Conc: 14.19 ng/ml



#11 AR-1232-1

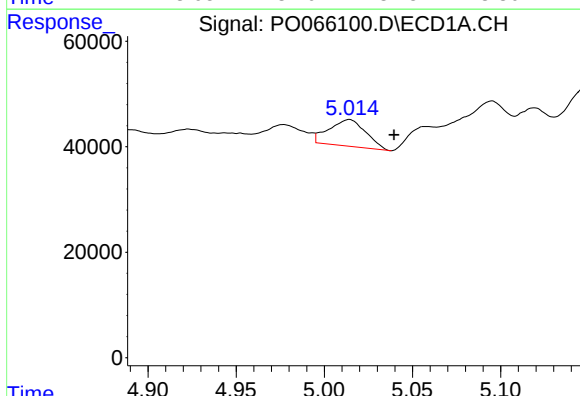
R.T.: 4.585 min
Delta R.T.: 0.064 min
Response: 46479
Conc: 68.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



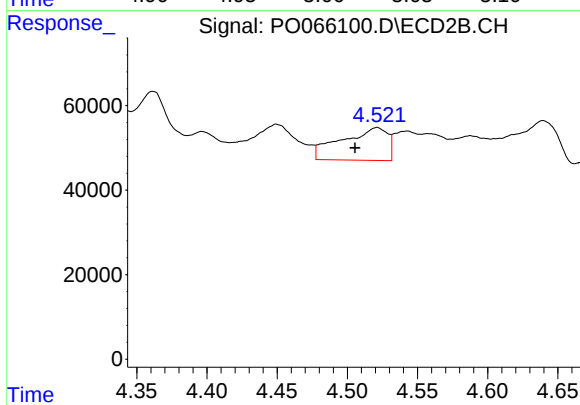
#11 AR-1232-1

R.T.: 3.727 min
Delta R.T.: -0.070 min
Response: 16965
Conc: 18.26 ng/ml



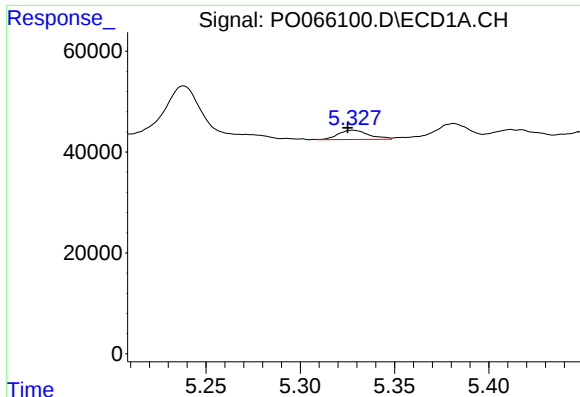
#12 AR-1232-2

R.T.: 5.014 min
Delta R.T.: -0.025 min
Response: 73274
Conc: 175.81 ng/ml



#12 AR-1232-2

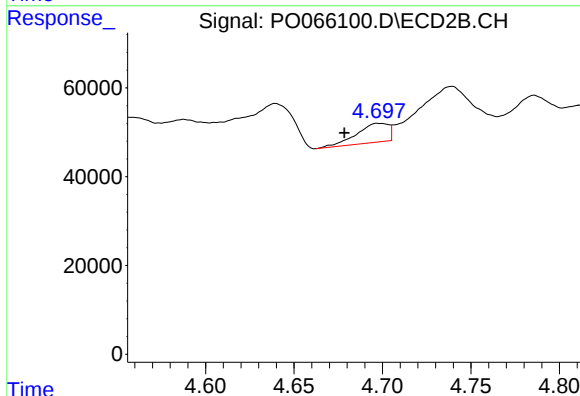
R.T.: 4.521 min
Delta R.T.: 0.016 min
Response: 177446
Conc: 160.17 ng/ml



#13 AR-1232-3

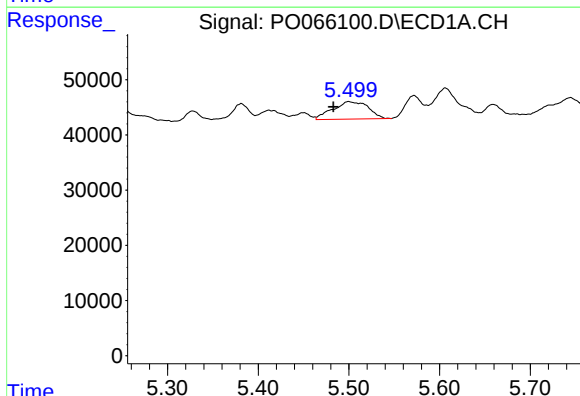
R.T.: 5.328 min
Delta R.T.: 0.003 min
Response: 21097
Conc: 25.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



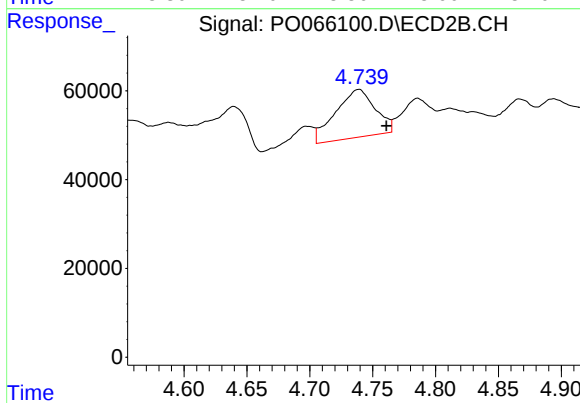
#13 AR-1232-3

R.T.: 4.698 min
Delta R.T.: 0.019 min
Response: 53605
Conc: 96.15 ng/ml



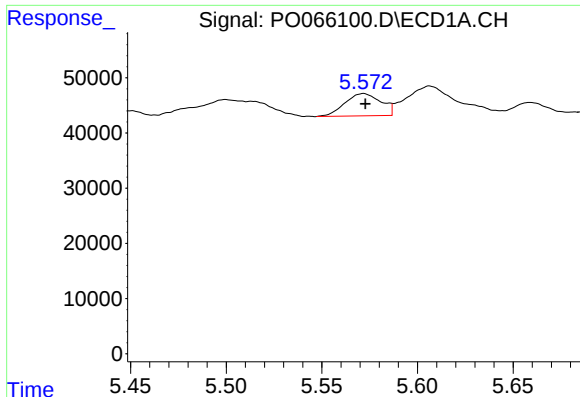
#14 AR-1232-4

R.T.: 5.500 min
Delta R.T.: 0.017 min
Response: 85808
Conc: 209.63 ng/ml



#14 AR-1232-4

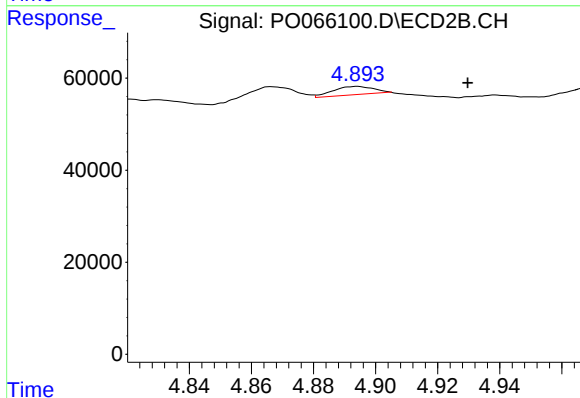
R.T.: 4.739 min
Delta R.T.: -0.022 min
Response: 237709
Conc: 492.53 ng/ml



#15 AR-1232-5

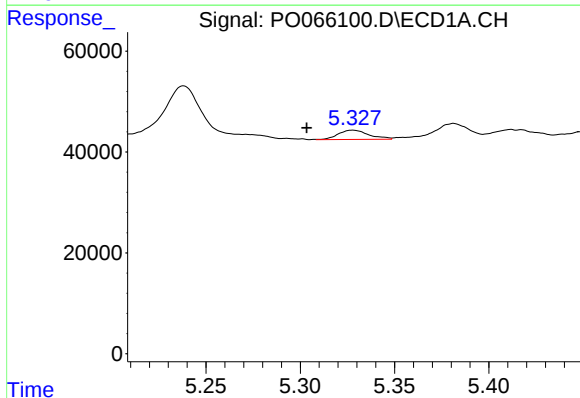
R.T.: 5.572 min
Delta R.T.: -0.001 min
Response: 53207
Conc: 194.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



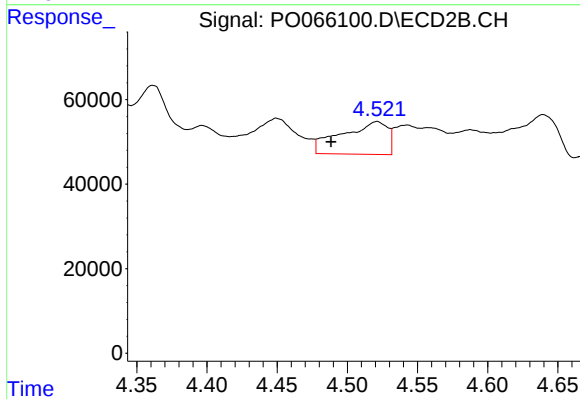
#15 AR-1232-5

R.T.: 4.894 min
Delta R.T.: -0.036 min
Response: 18226
Conc: 35.34 ng/ml



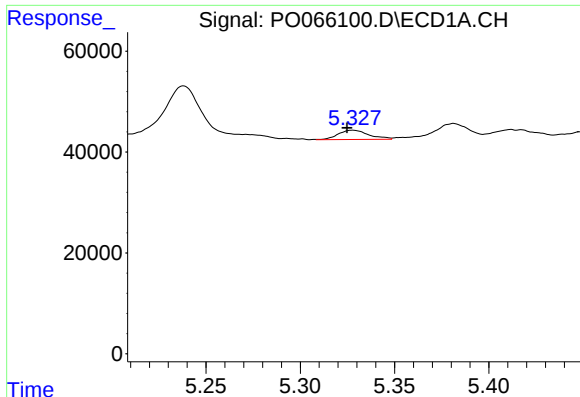
#16 AR-1242-1

R.T.: 5.328 min
Delta R.T.: 0.024 min
Response: 21097
Conc: 20.83 ng/ml



#16 AR-1242-1

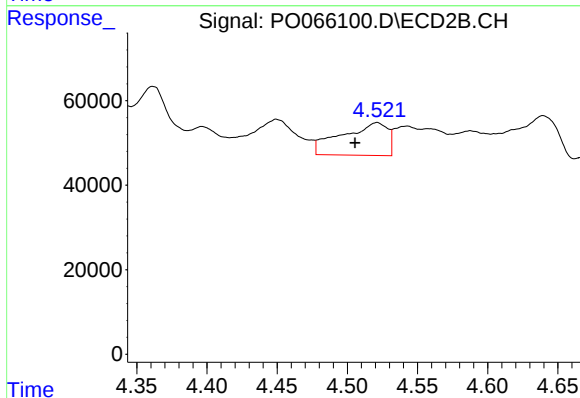
R.T.: 4.521 min
Delta R.T.: 0.033 min
Response: 177446
Conc: 133.78 ng/ml



#17 AR-1242-2

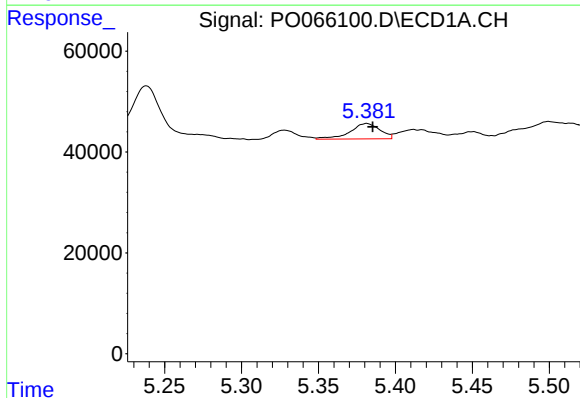
R.T.: 5.328 min
Delta R.T.: 0.003 min
Response: 21097
Conc: 14.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



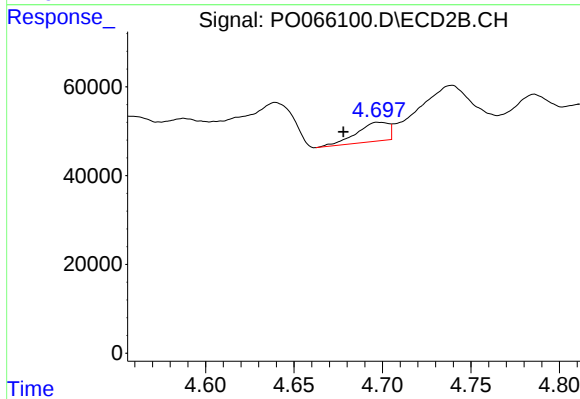
#17 AR-1242-2

R.T.: 4.521 min
Delta R.T.: 0.016 min
Response: 177446
Conc: 83.68 ng/ml



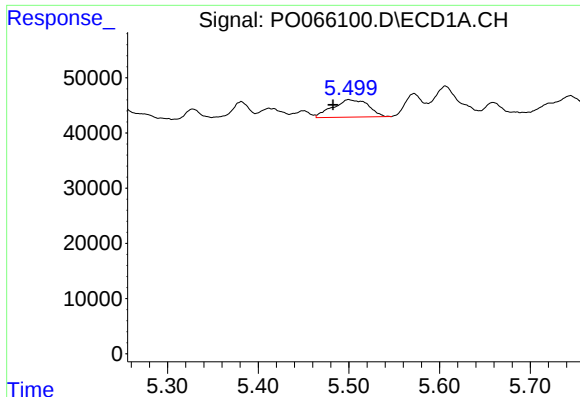
#18 AR-1242-3

R.T.: 5.381 min
Delta R.T.: -0.004 min
Response: 41581
Conc: 45.63 ng/ml



#18 AR-1242-3

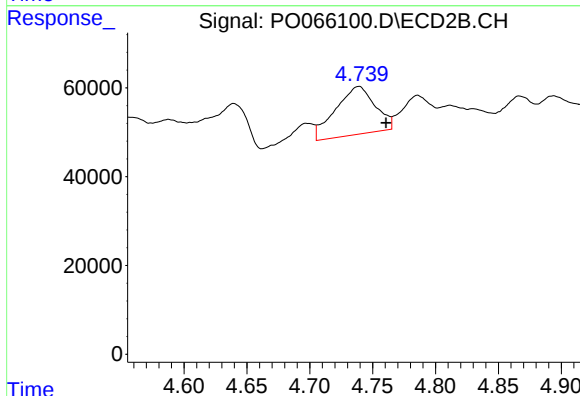
R.T.: 4.698 min
Delta R.T.: 0.020 min
Response: 53605
Conc: 50.43 ng/ml



#19 AR-1242-4

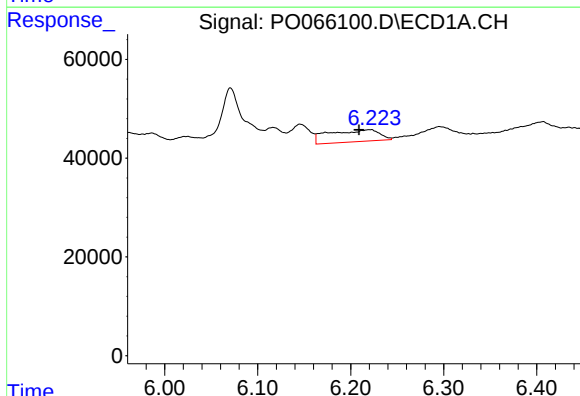
R.T.: 5.500 min
Delta R.T.: 0.017 min
Response: 85808
Conc: 112.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



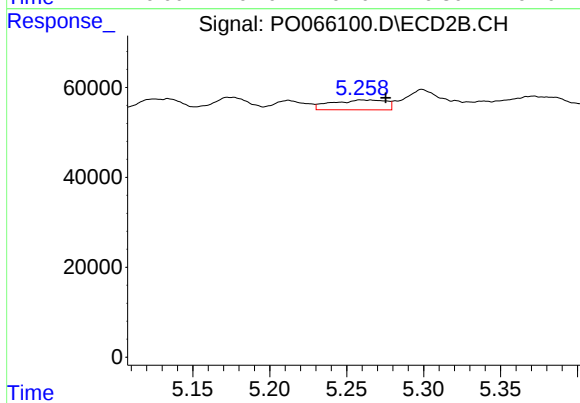
#19 AR-1242-4

R.T.: 4.739 min
Delta R.T.: -0.022 min
Response: 237709
Conc: 231.25 ng/ml



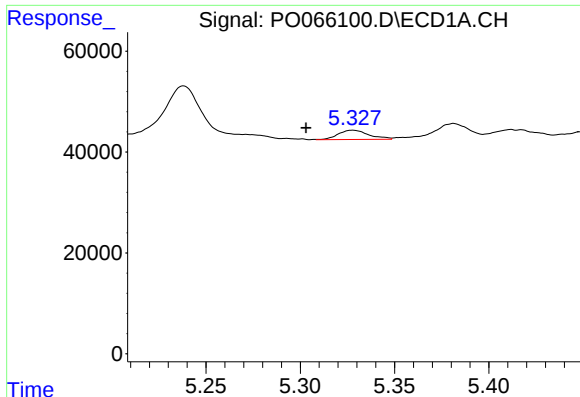
#20 AR-1242-5

R.T.: 6.221 min
Delta R.T.: 0.012 min
Response: 90759
Conc: 97.86 ng/ml



#20 AR-1242-5

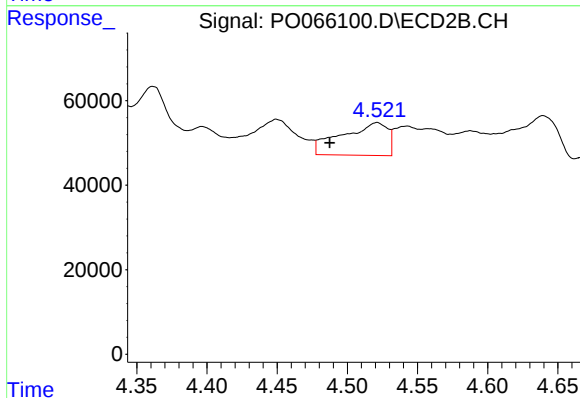
R.T.: 5.266 min
Delta R.T.: -0.010 min
Response: 54315
Conc: 39.28 ng/ml



#21 AR-1248-1

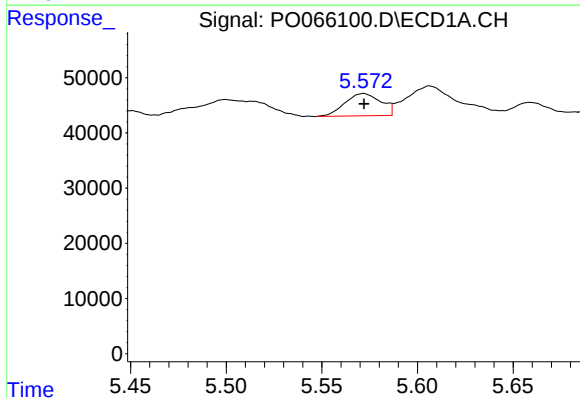
R.T.: 5.328 min
Delta R.T.: 0.025 min
Response: 21097
Conc: 27.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



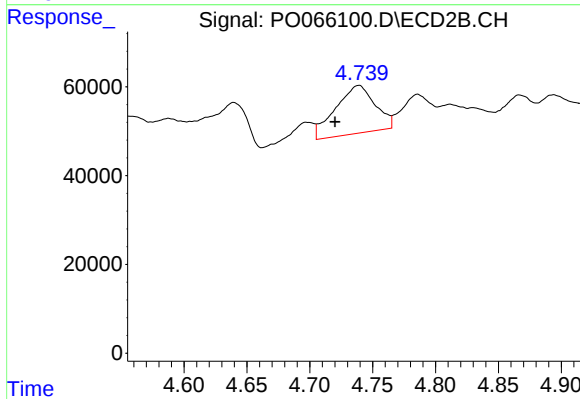
#21 AR-1248-1

R.T.: 4.521 min
Delta R.T.: 0.034 min
Response: 177446
Conc: 170.81 ng/ml



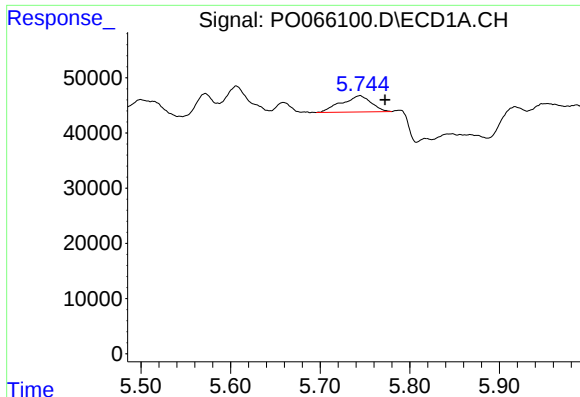
#22 AR-1248-2

R.T.: 5.572 min
Delta R.T.: 0.000 min
Response: 53207
Conc: 49.07 ng/ml



#22 AR-1248-2

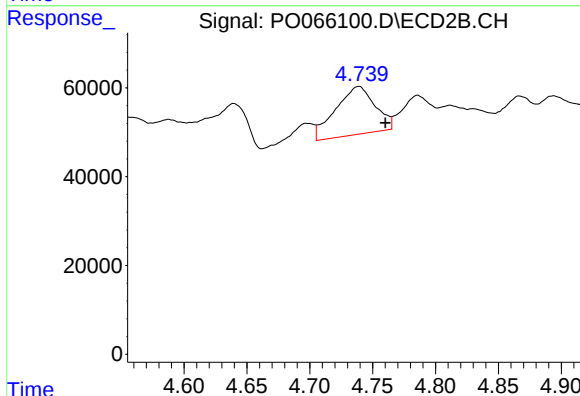
R.T.: 4.739 min
Delta R.T.: 0.019 min
Response: 237709
Conc: 160.00 ng/ml



#23 AR-1248-3

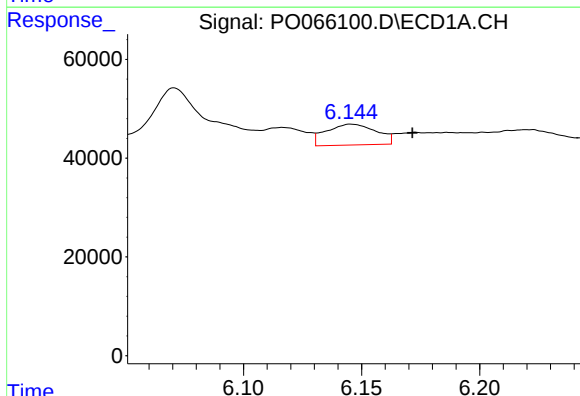
R.T.: 5.744 min
Delta R.T.: -0.028 min
Response: 67804
Conc: 55.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



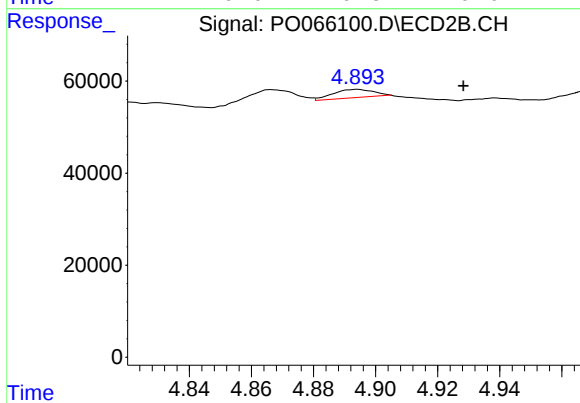
#23 AR-1248-3

R.T.: 4.739 min
Delta R.T.: -0.021 min
Response: 237709
Conc: 158.98 ng/ml



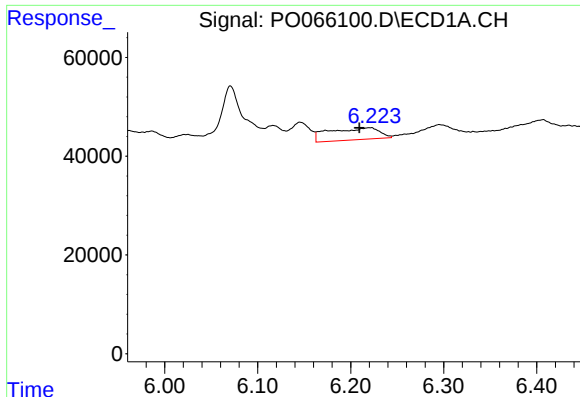
#24 AR-1248-4

R.T.: 6.146 min
Delta R.T.: -0.026 min
Response: 62498
Conc: 39.60 ng/ml



#24 AR-1248-4

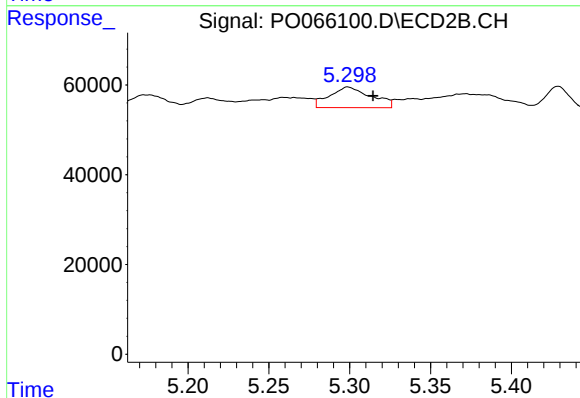
R.T.: 4.894 min
Delta R.T.: -0.034 min
Response: 18226
Conc: 10.10 ng/ml



#25 AR-1248-5

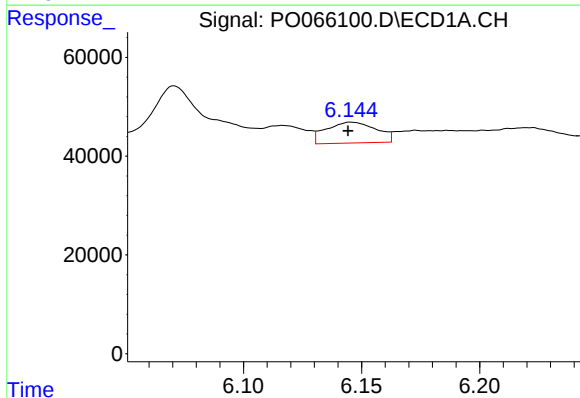
R.T.: 6.221 min
Delta R.T.: 0.012 min
Response: 90759
Conc: 61.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



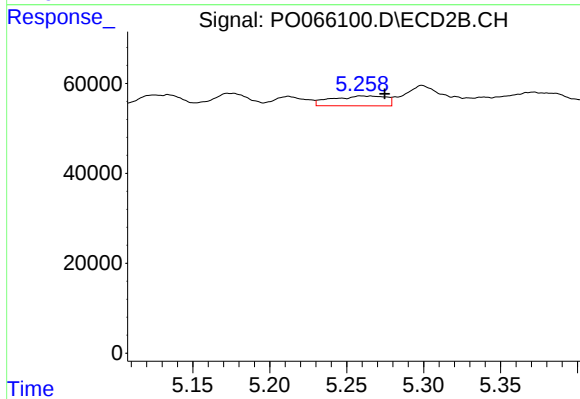
#25 AR-1248-5

R.T.: 5.299 min
Delta R.T.: -0.015 min
Response: 82034
Conc: 41.95 ng/ml



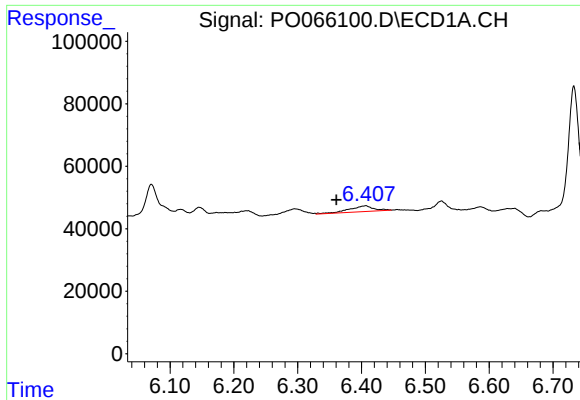
#26 AR-1254-1

R.T.: 6.146 min
Delta R.T.: 0.002 min
Response: 62498
Conc: 40.22 ng/ml



#26 AR-1254-1

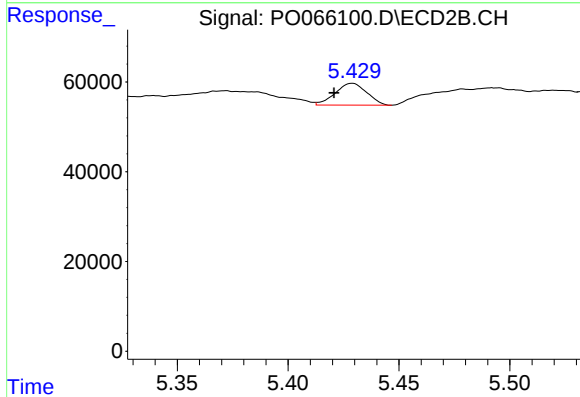
R.T.: 5.266 min
Delta R.T.: -0.009 min
Response: 54315
Conc: 17.06 ng/ml



#27 AR-1254-2

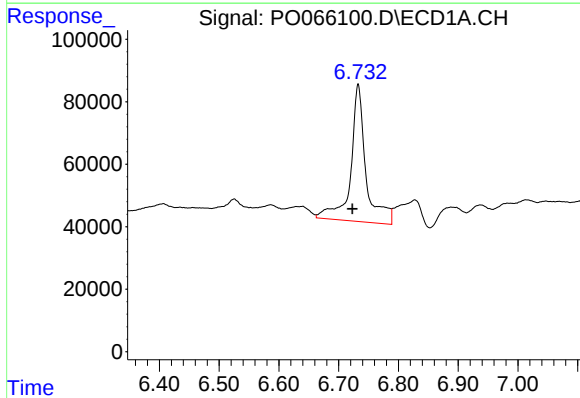
R.T.: 6.407 min
Delta R.T.: 0.046 min
Response: 49037
Conc: 19.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



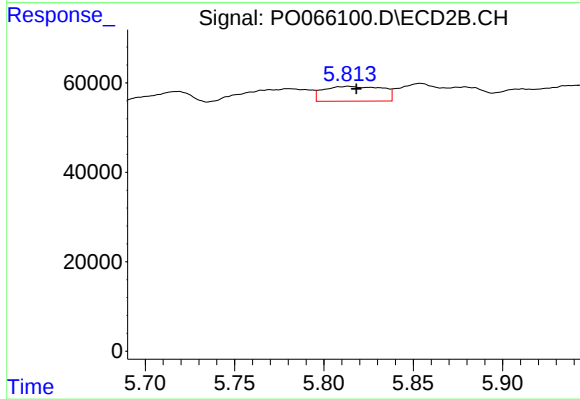
#27 AR-1254-2

R.T.: 5.429 min
Delta R.T.: 0.008 min
Response: 48224
Conc: 16.43 ng/ml



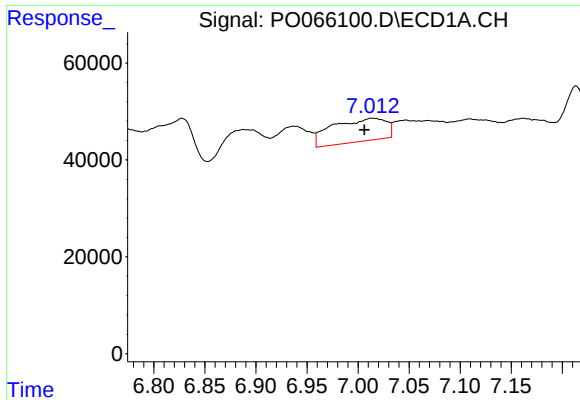
#28 AR-1254-3

R.T.: 6.733 min
Delta R.T.: 0.009 min
Response: 776656
Conc: 290.65 ng/ml



#28 AR-1254-3

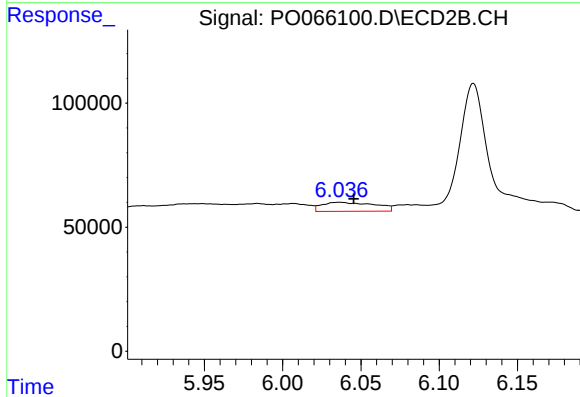
R.T.: 5.814 min
Delta R.T.: -0.004 min
Response: 75803
Conc: 16.51 ng/ml



#29 AR-1254-4

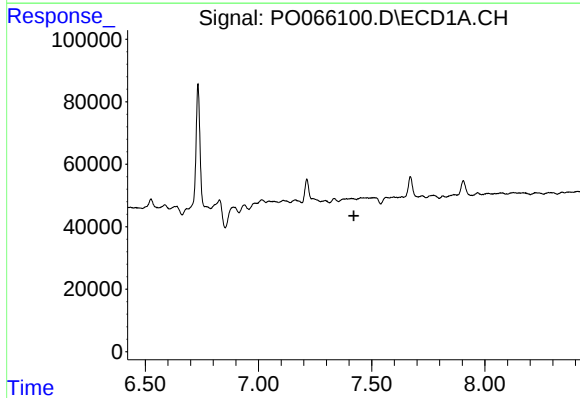
R.T.: 7.014 min
Delta R.T.: 0.008 min
Response: 174004
Conc: 75.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



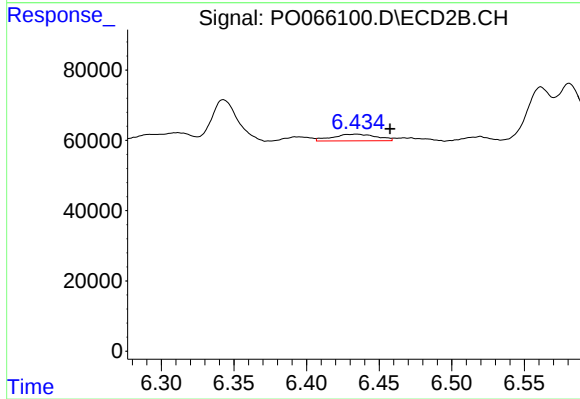
#29 AR-1254-4

R.T.: 6.036 min
Delta R.T.: -0.009 min
Response: 84615
Conc: 26.85 ng/ml



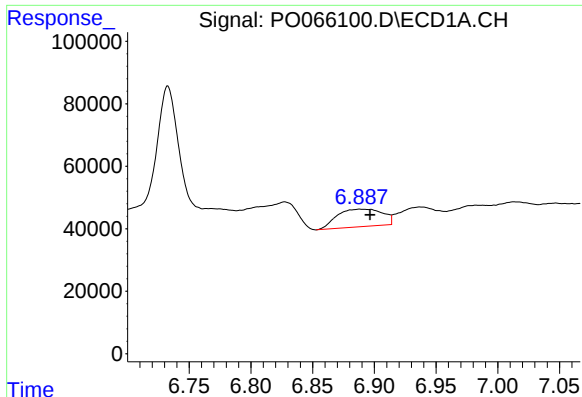
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.421 min
Response: 0
Conc: N.D.



#30 AR-1254-5

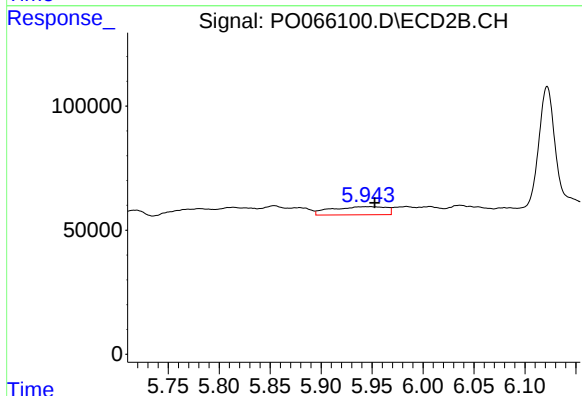
R.T.: 6.434 min
Delta R.T.: -0.023 min
Response: 39374
Conc: 9.30 ng/ml



#31 AR-1260-1

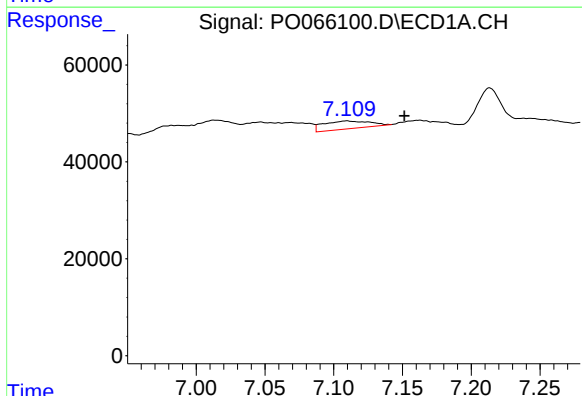
R.T.: 6.888 min
Delta R.T.: -0.008 min
Response: 143758
Conc: 71.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



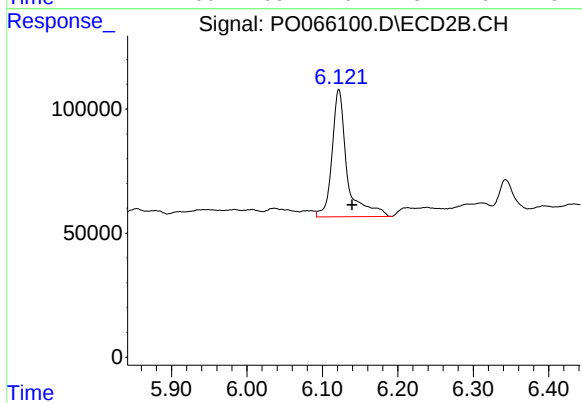
#31 AR-1260-1

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 122637
Conc: 38.12 ng/ml



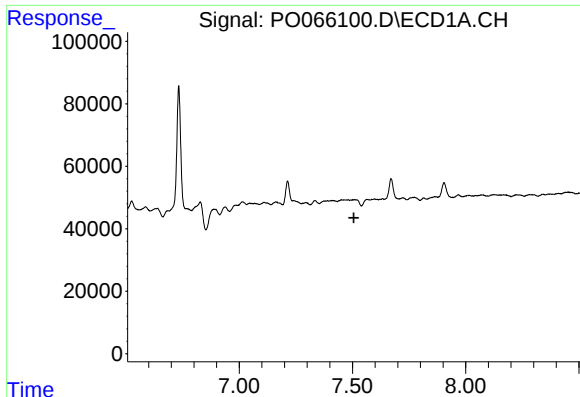
#32 AR-1260-2

R.T.: 7.109 min
Delta R.T.: -0.042 min
Response: 38080
Conc: 13.82 ng/ml



#32 AR-1260-2

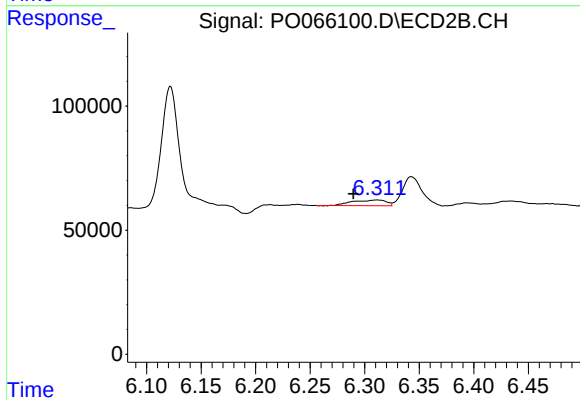
R.T.: 6.122 min
Delta R.T.: -0.018 min
Response: 712115
Conc: 158.05 ng/ml



#33 AR-1260-3

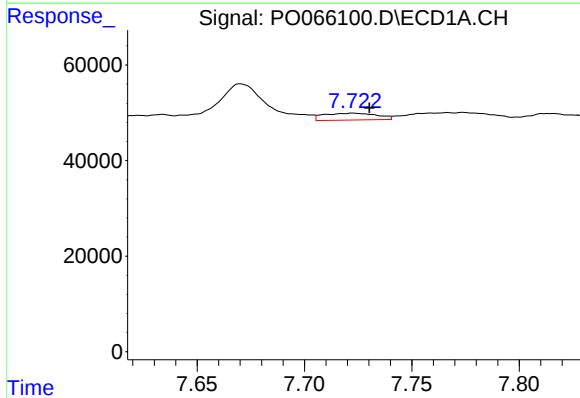
R.T.: 0.000 min
Exp R.T.: 7.507 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



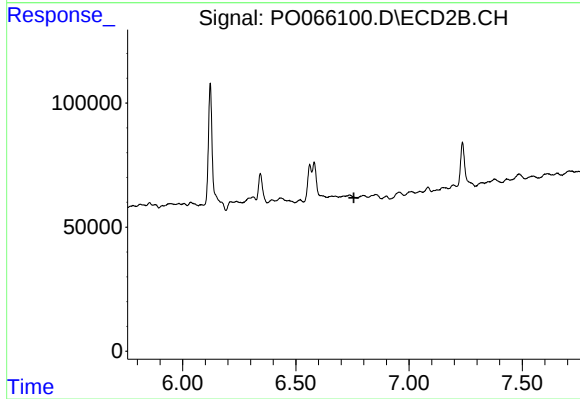
#33 AR-1260-3

R.T.: 6.311 min
Delta R.T.: 0.021 min
Response: 48806
Conc: 12.95 ng/ml



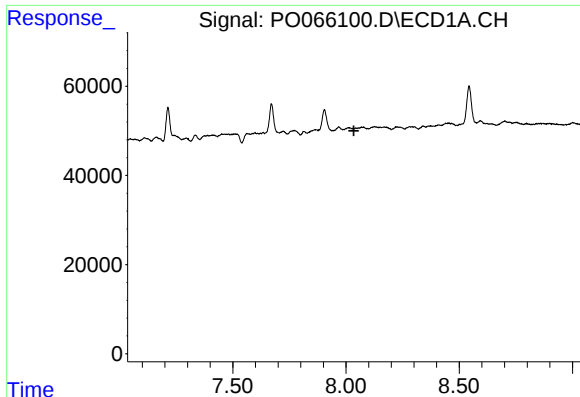
#34 AR-1260-4

R.T.: 7.723 min
Delta R.T.: -0.008 min
Response: 24715
Conc: 10.84 ng/ml



#34 AR-1260-4

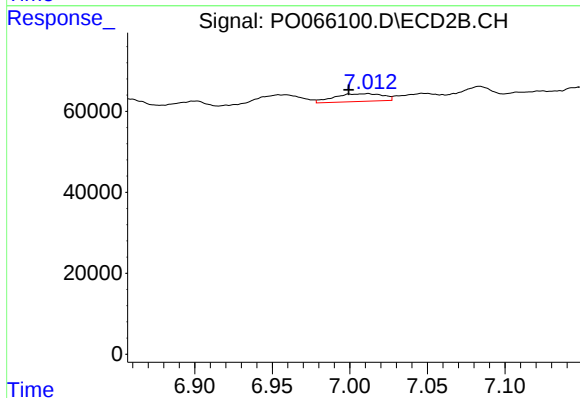
R.T.: 0.000 min
Exp R.T.: 6.756 min
Response: 0
Conc: N.D.



#35 AR-1260-5

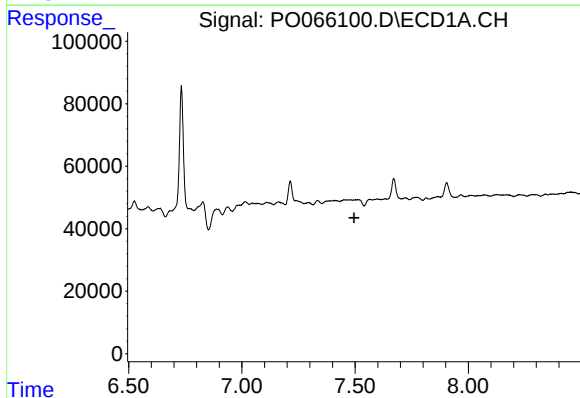
R.T.: 0.000 min
Exp R.T.: 8.034 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



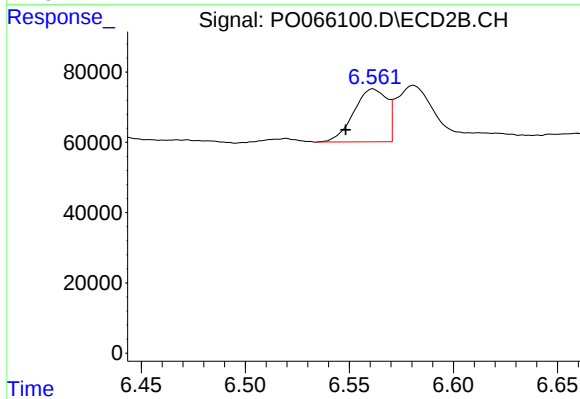
#35 AR-1260-5

R.T.: 7.011 min
Delta R.T.: 0.012 min
Response: 41698
Conc: 5.04 ng/ml



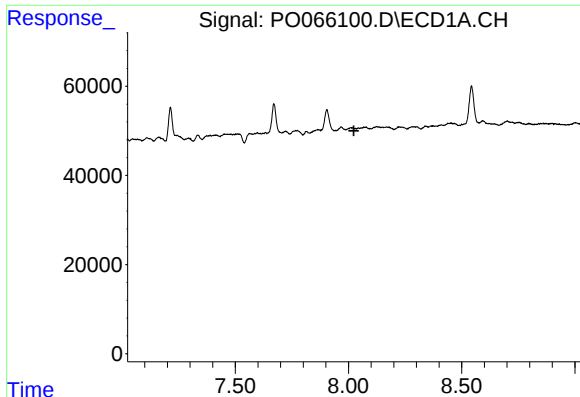
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 7.495 min
Response: 0
Conc: N.D.



#36 AR-1262-1

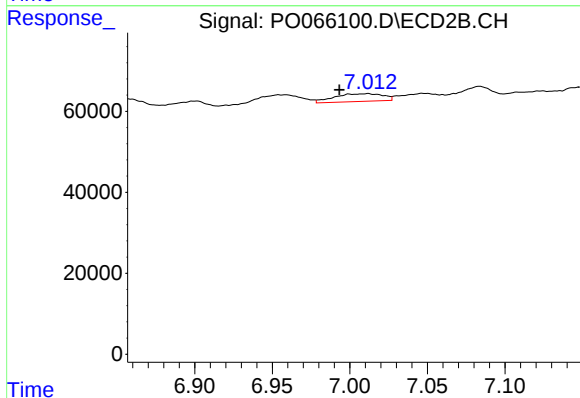
R.T.: 6.561 min
Delta R.T.: 0.013 min
Response: 167717
Conc: 79.61 ng/ml



#37 AR-1262-2

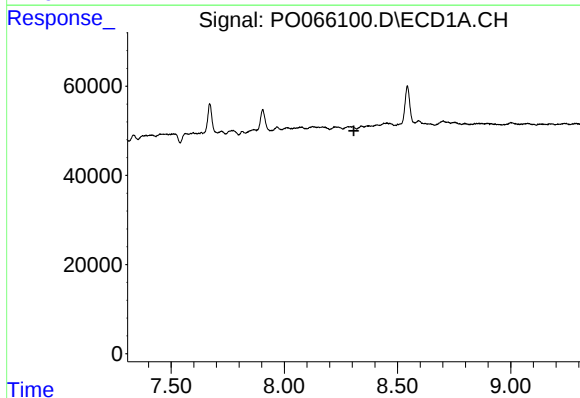
R.T.: 0.000 min
Exp R.T.: 8.024 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



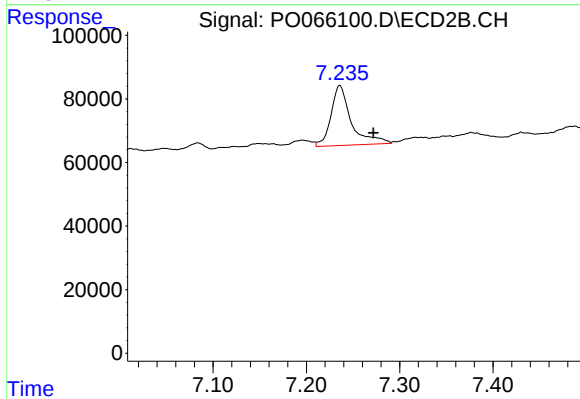
#37 AR-1262-2

R.T.: 7.011 min
Delta R.T.: 0.018 min
Response: 41698
Conc: 4.41 ng/ml



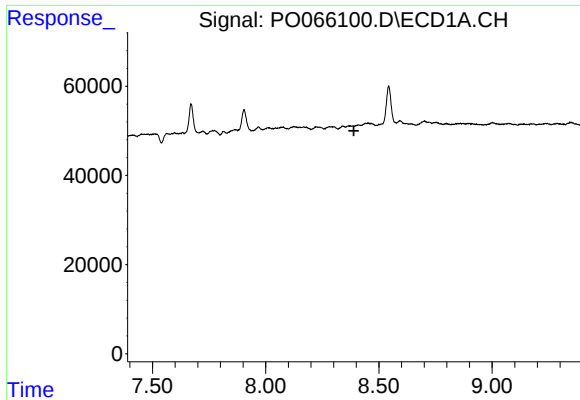
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.307 min
Response: 0
Conc: N.D.



#38 AR-1262-3

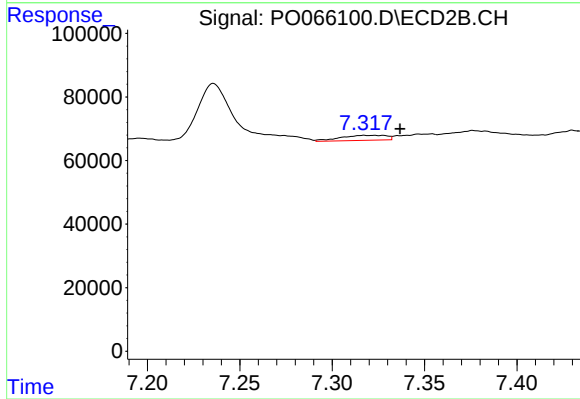
R.T.: 7.236 min
Delta R.T.: -0.036 min
Response: 285321
Conc: 74.14 ng/ml



#39 AR-1262-4

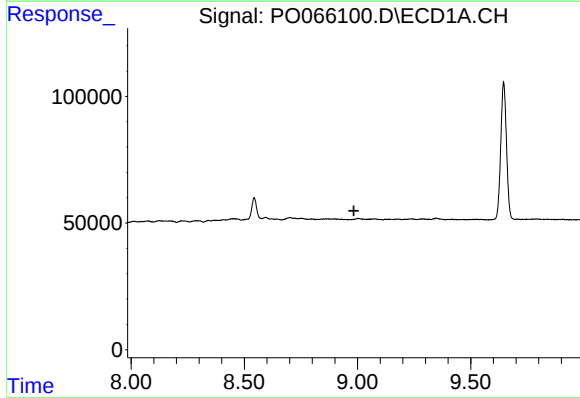
R.T.: 0.000 min
Exp R.T.: 8.389 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



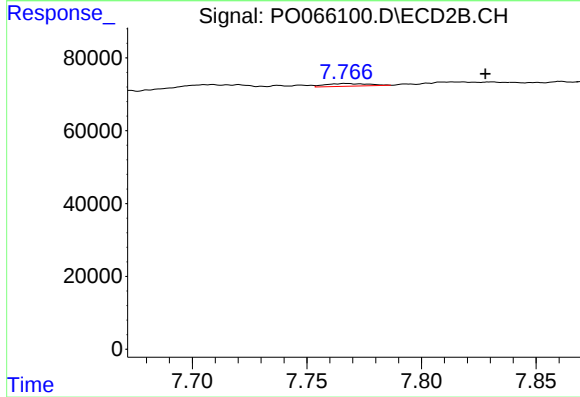
#39 AR-1262-4

R.T.: 7.317 min
Delta R.T.: -0.019 min
Response: 27708
Conc: 4.22 ng/ml



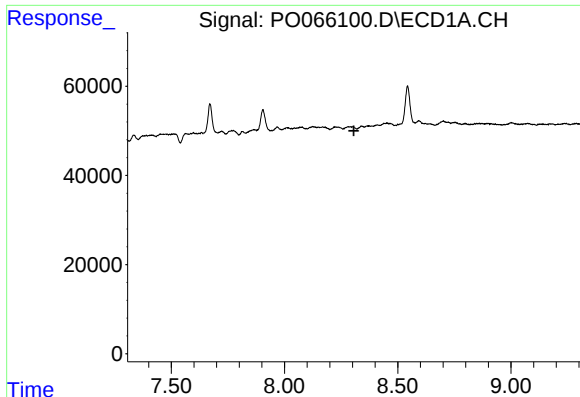
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 8.984 min
Response: 0
Conc: N.D.



#40 AR-1262-5

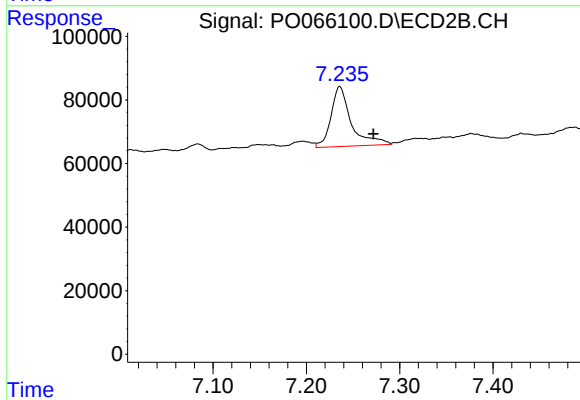
R.T.: 7.767 min
Delta R.T.: -0.061 min
Response: 9623
Conc: 3.41 ng/ml



#41 AR-1268-1

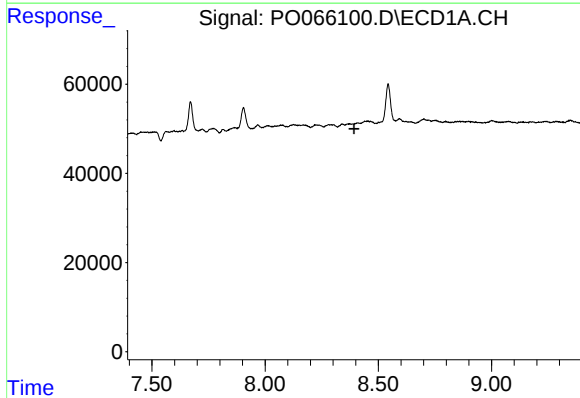
R.T.: 0.000 min
Exp R.T.: 8.306 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



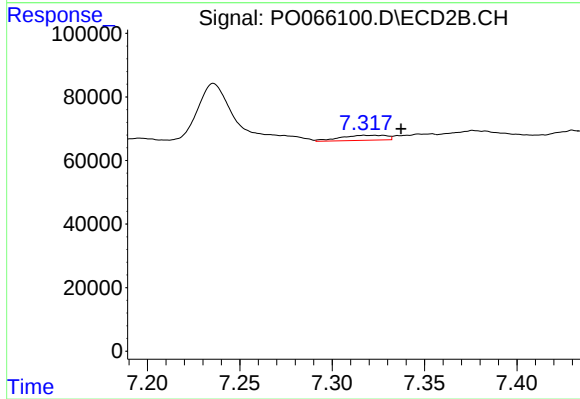
#41 AR-1268-1

R.T.: 7.236 min
Delta R.T.: -0.036 min
Response: 285321
Conc: 23.76 ng/ml



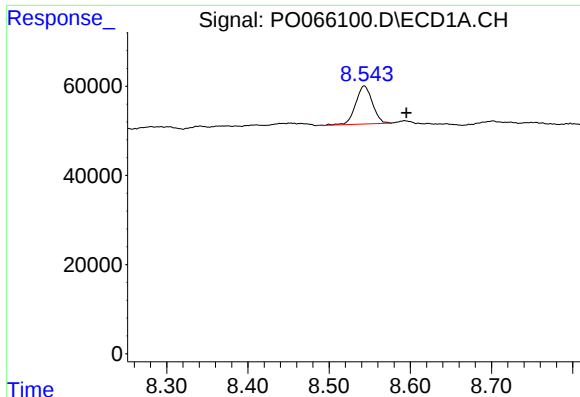
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.393 min
Response: 0
Conc: N.D.



#42 AR-1268-2

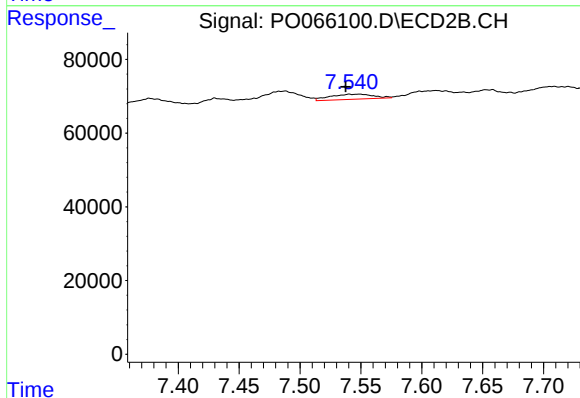
R.T.: 7.317 min
Delta R.T.: -0.020 min
Response: 27708
Conc: 2.68 ng/ml



#43 AR-1268-3

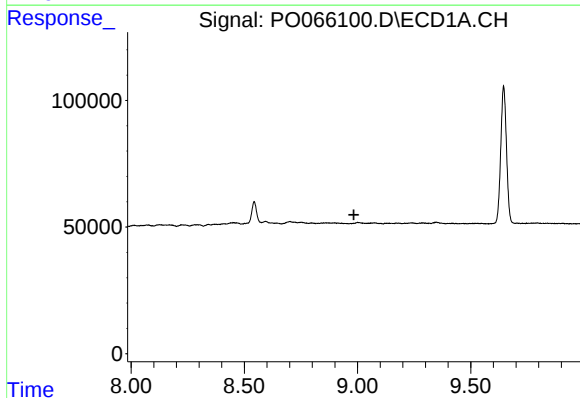
R.T.: 8.543 min
Delta R.T.: -0.052 min
Response: 122984
Conc: 23.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



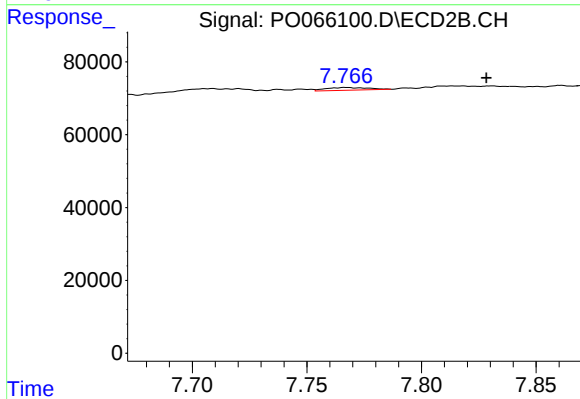
#43 AR-1268-3

R.T.: 7.541 min
Delta R.T.: 0.003 min
Response: 34171
Conc: 3.92 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.984 min
Response: 0
Conc: N.D.



#44 AR-1268-4

R.T.: 7.767 min
Delta R.T.: -0.061 min
Response: 9623
Conc: 2.91 ng/ml