

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0011022\
 Data File : P0084093.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Jan 2022 11:31
 Operator : AJ\MA
 Sample : N1056-07 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 10 13:49:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0010722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jan 10 11:26:21 2022
 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...	5.045	4.037	76154	32437	0.771	1.586 #
2)	SA Decachlor...	11.246	9.447	44601	22552	0.670	1.154 #
Target Compounds							
3)	L1 AR-1016-1	6.367	5.322	11117	56500	3.200	69.150 #
4)	L1 AR-1016-2	6.417f	5.322f	101547	56500	20.443	52.021 #
5)	L1 AR-1016-3	6.482f	5.528	367755	44097	113.958	74.585 #
6)	L1 AR-1016-4	6.553	5.586	225454	26085	87.357	54.097 #
7)	L1 AR-1016-5	6.899	5.841f	128727	22538	51.363	37.289 #
8)	L2 AR-1221-1	5.284	4.331f	48444	10502	38.109	41.338
9)	L2 AR-1221-2	5.401	4.387f	182398	26507	194.389	135.514 #
10)	L2 AR-1221-3	5.471	0.000	198596	0	72.334	N.D. #
11)	L3 AR-1232-1	5.471	0.000	198596	0	88.554	N.D. #
12)	L3 AR-1232-2	6.064	5.322f	87122	56500	80.848	129.035 #
13)	L3 AR-1232-3	6.417f	5.528	101547	44097	49.035	186.428 #
14)	L3 AR-1232-4	6.553f	5.661f	225454	107547	210.134	491.665 #
15)	L3 AR-1232-5	6.671	5.841f	144243	22538	180.336	94.690 #
16)	L4 AR-1242-1	6.367	5.322	11117	56500	4.070	88.416 #
17)	L4 AR-1242-2	6.417f	5.322f	101547	56500	26.151	67.055 #
18)	L4 AR-1242-3	6.482f	5.528	367755	44097	143.249	96.380 #
19)	L4 AR-1242-4	6.553	5.661f	225454	107547	109.043	241.649 #
20)	L4 AR-1242-5	0.000	6.216	0	59744	N.D.	108.132 #
21)	L5 AR-1248-1	6.367	5.322	11117	56500	5.585	127.223 #
22)	L5 AR-1248-2	6.671	5.586	144243	26085	52.506	41.604
23)	L5 AR-1248-3	6.899	5.661f	128727	107547	40.931	168.546 #
24)	L5 AR-1248-4	7.331	5.841f	164868	22538	50.665	29.481 #
25)	L5 AR-1248-5	0.000	6.266	0	17788	N.D.	23.974 #
26)	L6 AR-1254-1	7.301	6.216	198035	59744	56.496	50.086
27)	L6 AR-1254-2	7.496f	6.369	815551	8145	152.640	7.694 #
28)	L6 AR-1254-3	7.914	6.796	196229	159306	34.851	93.257 #
29)	L6 AR-1254-4	8.203	7.040	228645	43252	55.799	40.100 #
30)	L6 AR-1254-5	8.642	7.475	176529	13823	41.144	9.259 #
31)	L7 AR-1260-1	8.080	6.939	117248	23708	28.503	21.751
32)	L7 AR-1260-2	8.371f	7.133	474493	19477	100.244	14.800 #
33)	L7 AR-1260-3	8.726	7.276f	153925	64430	43.768	49.166
34)	L7 AR-1260-4	8.956	7.786	331097	29331	84.085	28.736 #
35)	L7 AR-1260-5	9.296	8.036	216515	6880	29.606	2.858 #
36)	L8 AR-1262-1	8.726	7.498f	153925	2455	32.593	1.695 #
37)	L8 AR-1262-2	9.296	8.036	216515	6880	28.057	2.652 #
38)	L8 AR-1262-3	0.000	8.325	0	7461	N.D.	7.266 #
39)	L8 AR-1262-4	0.000	8.405	0	38478	N.D.	19.814 #
41)	L9 AR-1268-1	0.000	8.325	0	7461	N.D.	2.510 #
42)	L9 AR-1268-2	0.000	8.405	0	38478	N.D.	14.273 #

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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	9.980	8.620	40230	1833	5.681	0.809 #
45) L9	AR-1268-5	0.000	9.185	0	6544	N.D.	0.893 #

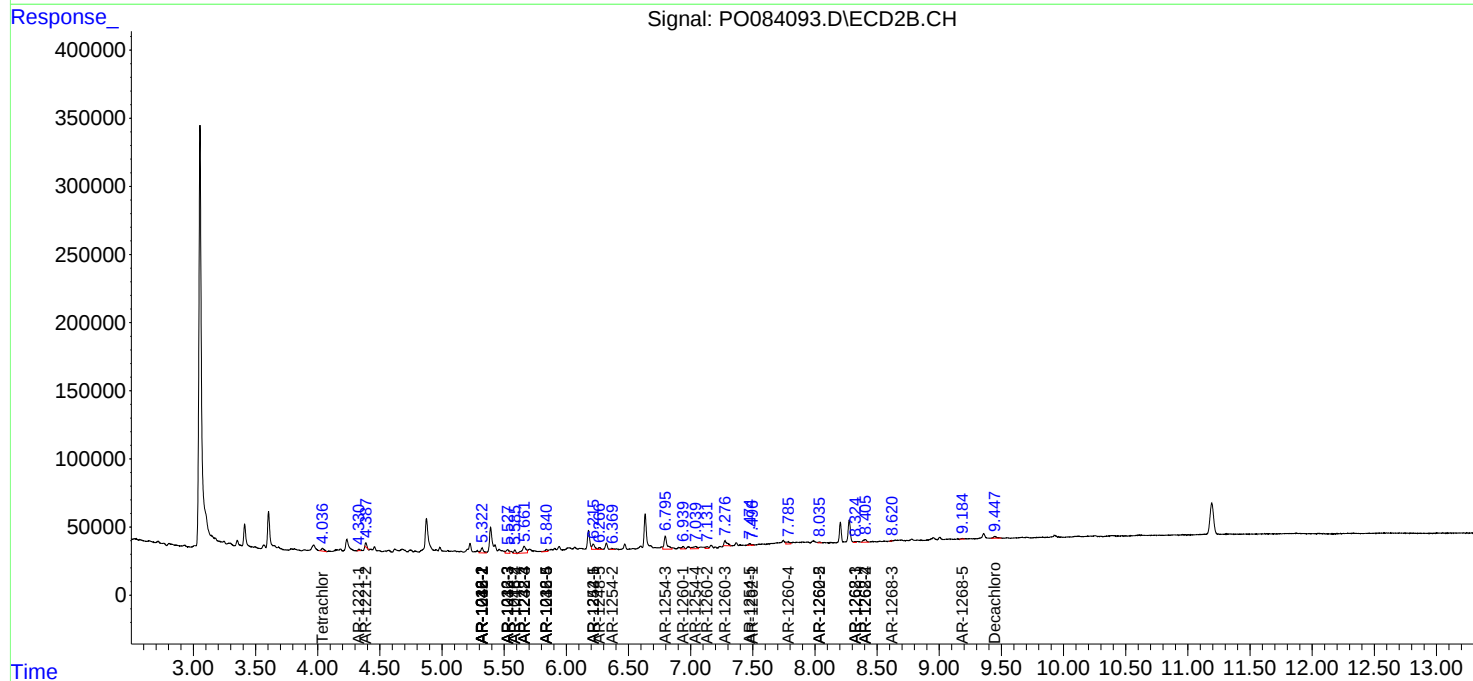
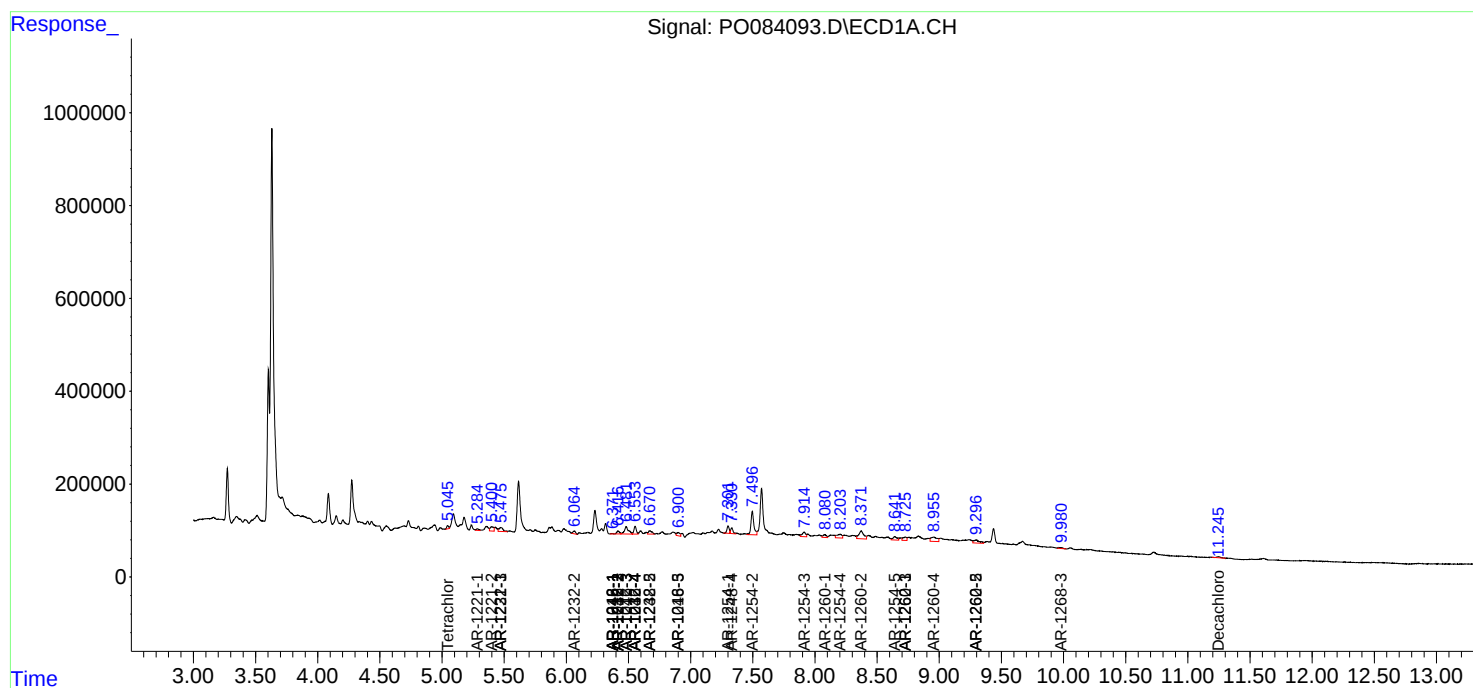
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

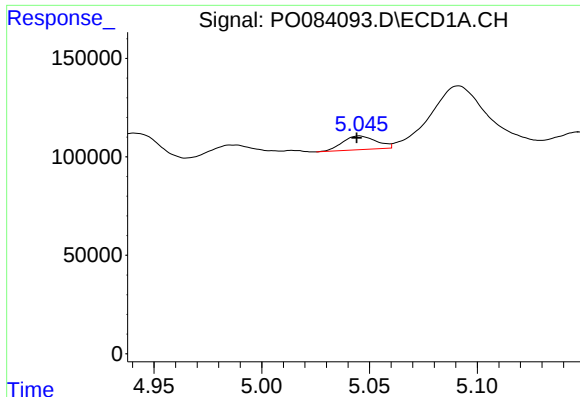
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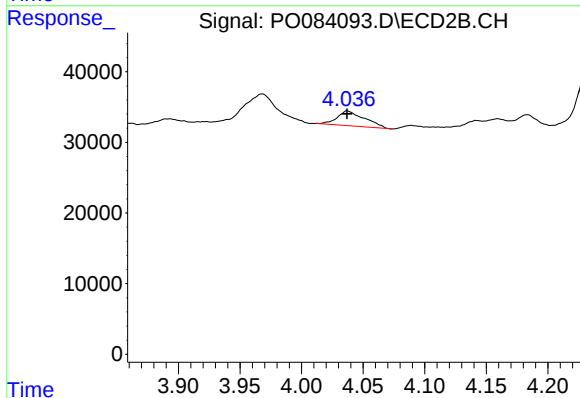




#1 Tetrachloro-m-xylene

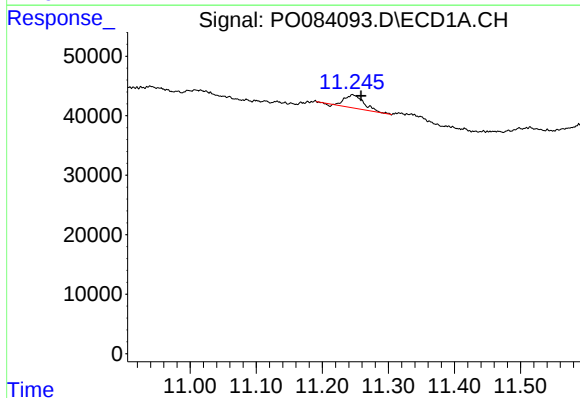
R.T.: 5.045 min
Delta R.T.: 0.001 min
Response: 76154
Conc: 0.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



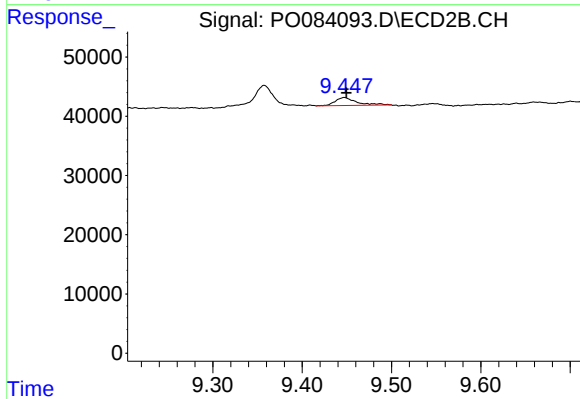
#1 Tetrachloro-m-xylene

R.T.: 4.037 min
Delta R.T.: 0.000 min
Response: 32437
Conc: 1.59 ng/ml



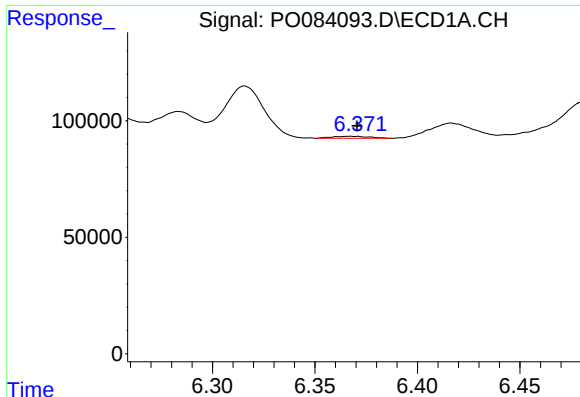
#2 Decachlorobiphenyl

R.T.: 11.246 min
Delta R.T.: -0.013 min
Response: 44601
Conc: 0.67 ng/ml



#2 Decachlorobiphenyl

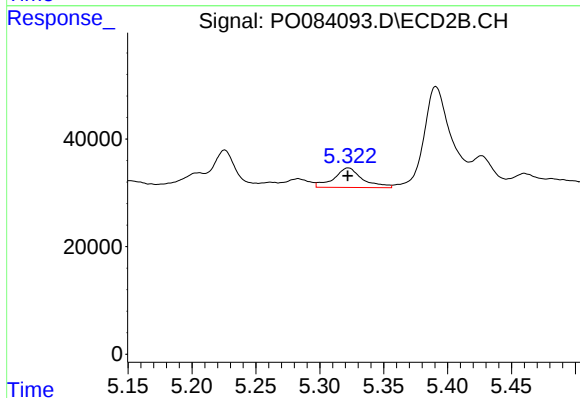
R.T.: 9.447 min
Delta R.T.: -0.002 min
Response: 22552
Conc: 1.15 ng/ml



#3 AR-1016-1

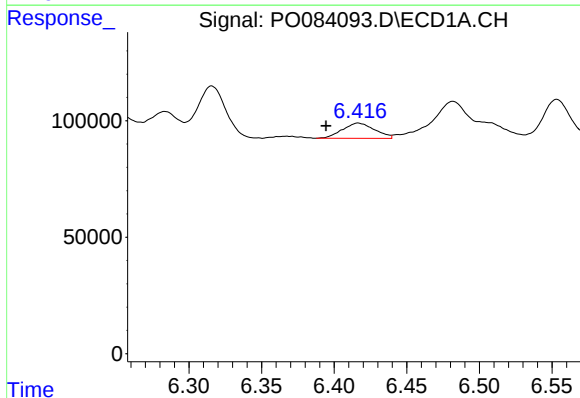
R.T.: 6.367 min
Delta R.T.: -0.003 min
Response: 11117
Conc: 3.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



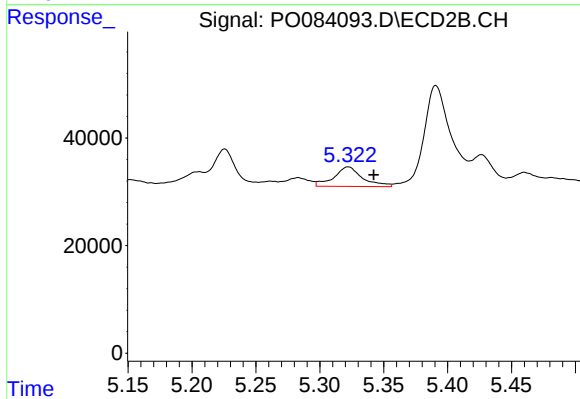
#3 AR-1016-1

R.T.: 5.322 min
Delta R.T.: 0.000 min
Response: 56500
Conc: 69.15 ng/ml



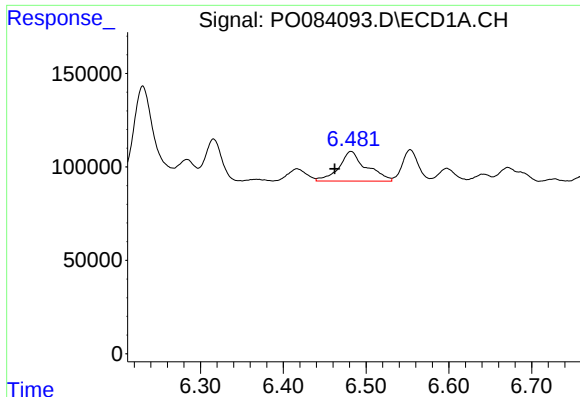
#4 AR-1016-2

R.T.: 6.417 min
Delta R.T.: 0.022 min
Response: 101547
Conc: 20.44 ng/ml



#4 AR-1016-2

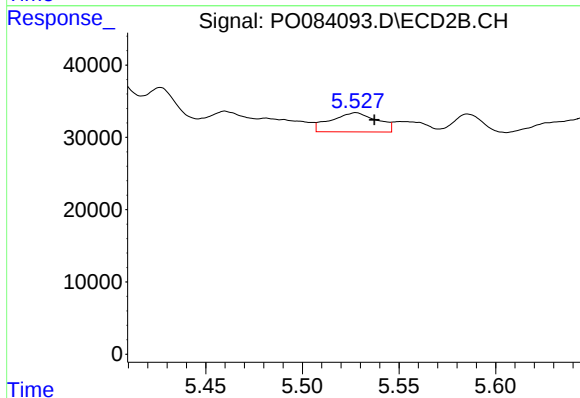
R.T.: 5.322 min
Delta R.T.: -0.020 min
Response: 56500
Conc: 52.02 ng/ml



#5 AR-1016-3

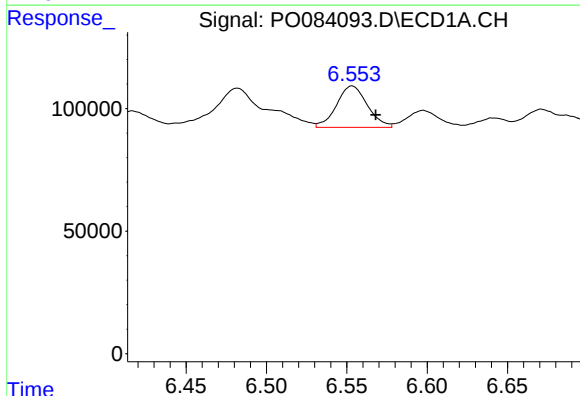
R.T.: 6.482 min
Delta R.T.: 0.020 min
Response: 367755
Conc: 113.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



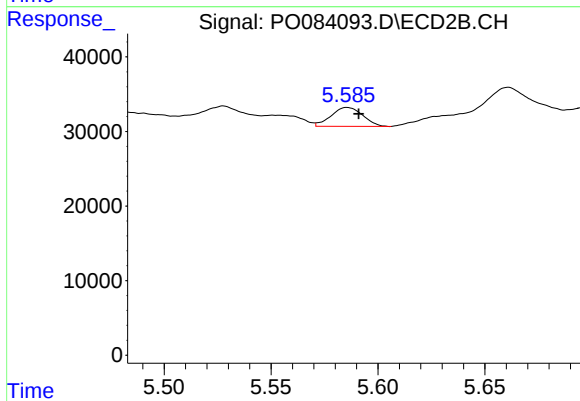
#5 AR-1016-3

R.T.: 5.528 min
Delta R.T.: -0.010 min
Response: 44097
Conc: 74.58 ng/ml



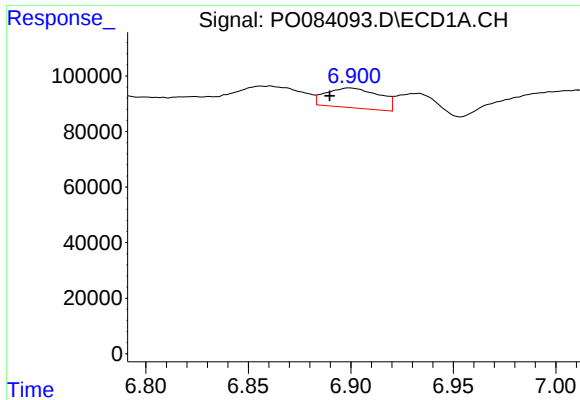
#6 AR-1016-4

R.T.: 6.553 min
Delta R.T.: -0.015 min
Response: 225454
Conc: 87.36 ng/ml



#6 AR-1016-4

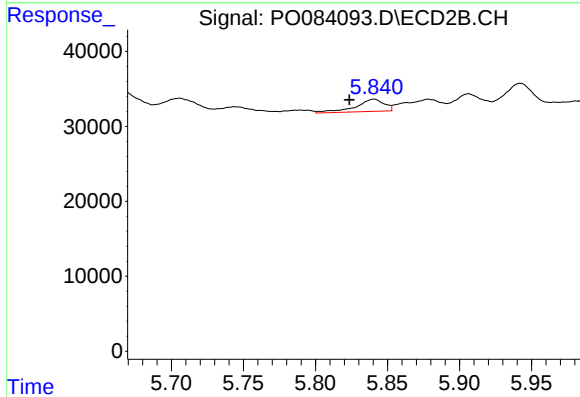
R.T.: 5.586 min
Delta R.T.: -0.005 min
Response: 26085
Conc: 54.10 ng/ml



#7 AR-1016-5

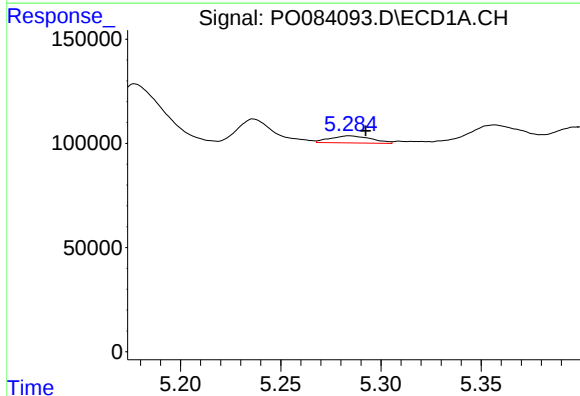
R.T.: 6.899 min
Delta R.T.: 0.010 min
Response: 128727
Conc: 51.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



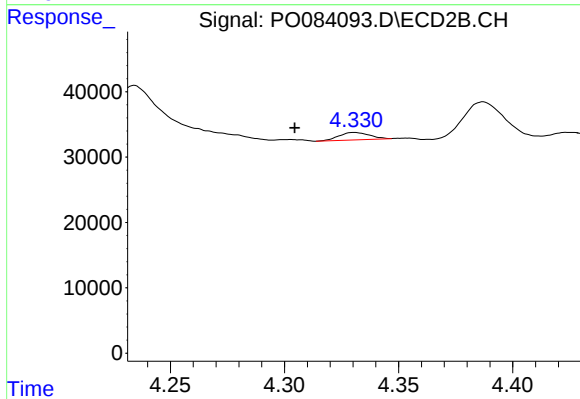
#7 AR-1016-5

R.T.: 5.841 min
Delta R.T.: 0.017 min
Response: 22538
Conc: 37.29 ng/ml



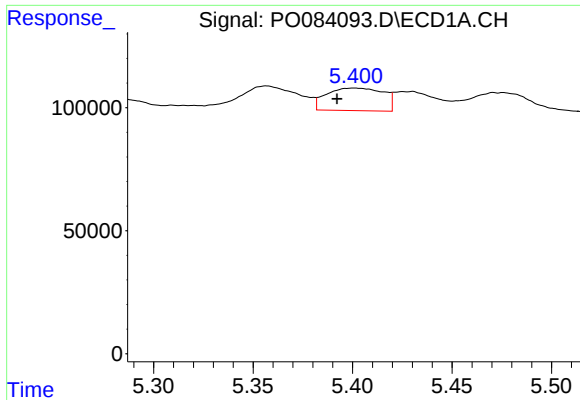
#8 AR-1221-1

R.T.: 5.284 min
Delta R.T.: -0.008 min
Response: 48444
Conc: 38.11 ng/ml



#8 AR-1221-1

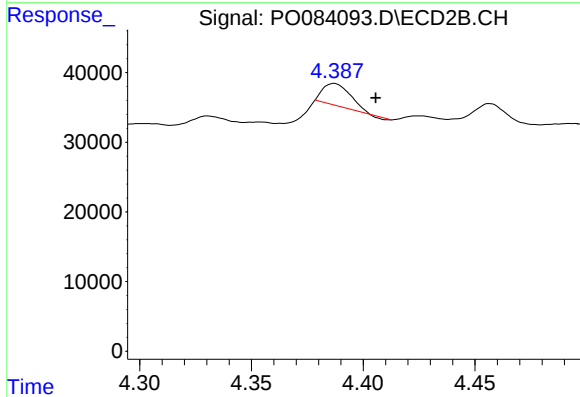
R.T.: 4.331 min
Delta R.T.: 0.026 min
Response: 10502
Conc: 41.34 ng/ml



#9 AR-1221-2

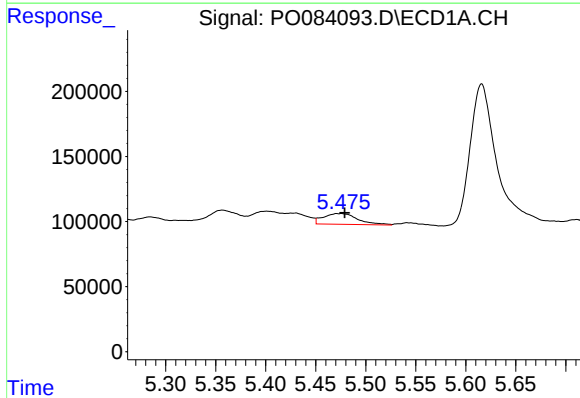
R.T.: 5.401 min
Delta R.T.: 0.009 min
Response: 182398
Conc: 194.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



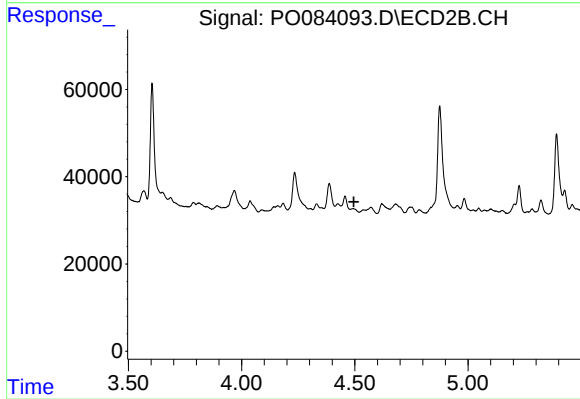
#9 AR-1221-2

R.T.: 4.387 min
Delta R.T.: -0.018 min
Response: 26507
Conc: 135.51 ng/ml



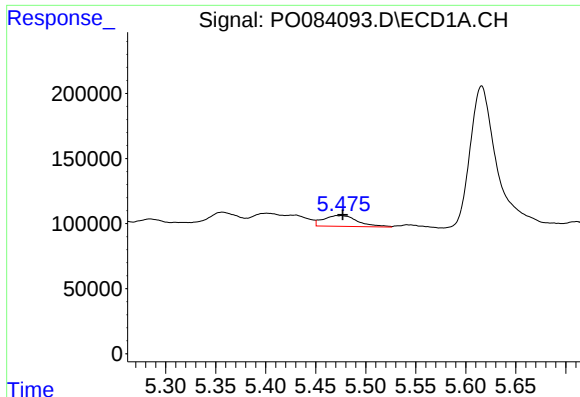
#10 AR-1221-3

R.T.: 5.471 min
Delta R.T.: -0.008 min
Response: 198596
Conc: 72.33 ng/ml



#10 AR-1221-3

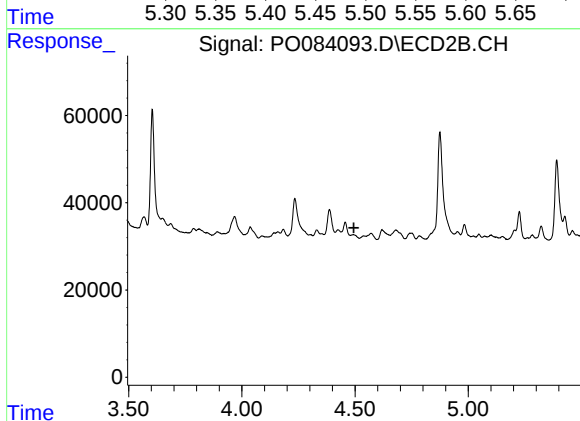
R.T.: 0.000 min
Exp R.T. : 4.496 min
Response: 0
Conc: N.D.



#11 AR-1232-1

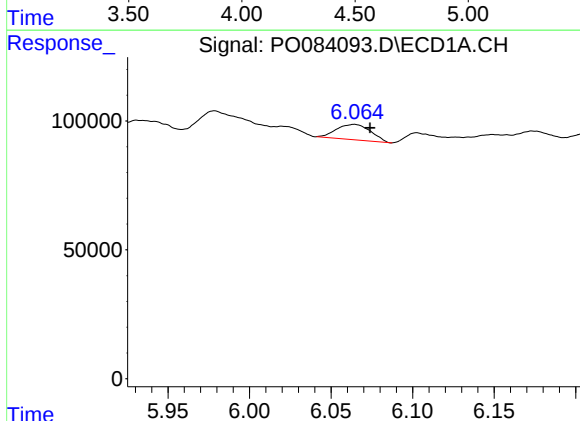
R.T.: 5.471 min
Delta R.T.: -0.006 min
Response: 198596
Conc: 88.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



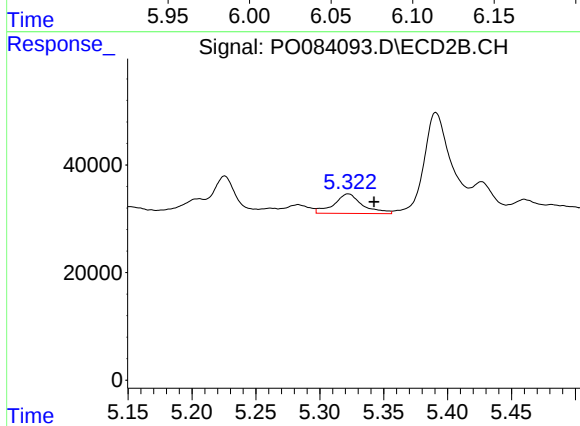
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.495 min
Response: 0
Conc: N.D.



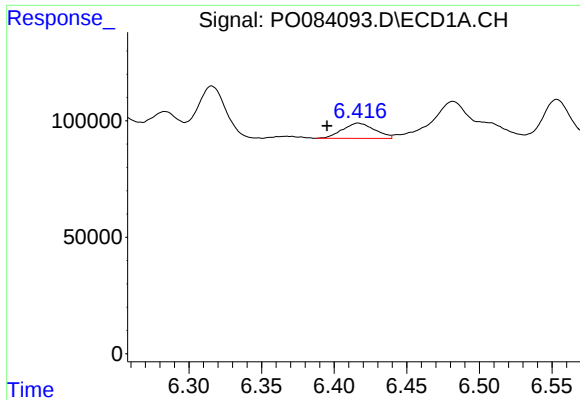
#12 AR-1232-2

R.T.: 6.064 min
Delta R.T.: -0.010 min
Response: 87122
Conc: 80.85 ng/ml



#12 AR-1232-2

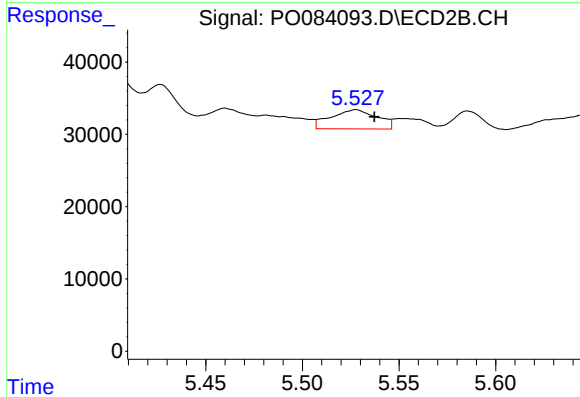
R.T.: 5.322 min
Delta R.T.: -0.020 min
Response: 56500
Conc: 129.03 ng/ml



#13 AR-1232-3

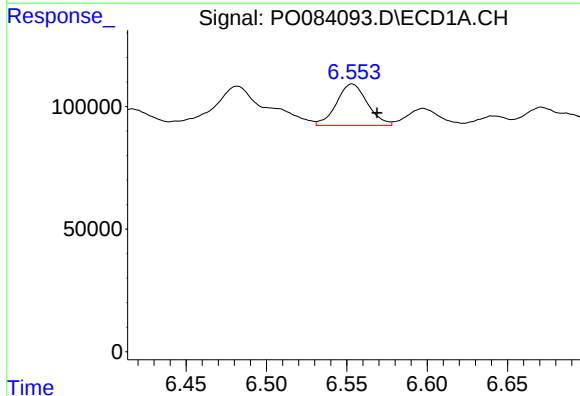
R.T.: 6.417 min
Delta R.T.: 0.021 min
Response: 101547
Conc: 49.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



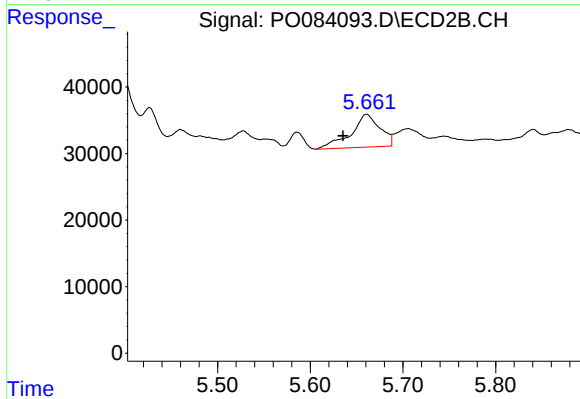
#13 AR-1232-3

R.T.: 5.528 min
Delta R.T.: -0.010 min
Response: 44097
Conc: 186.43 ng/ml



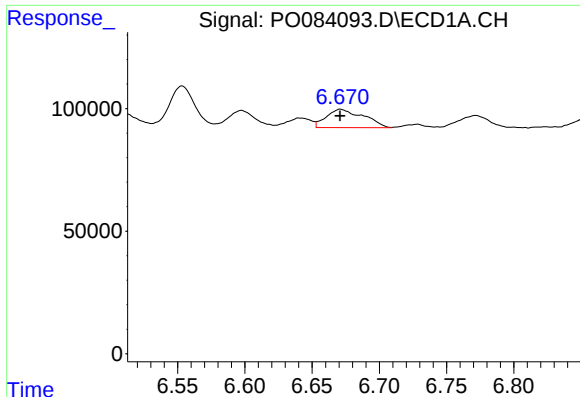
#14 AR-1232-4

R.T.: 6.553 min
Delta R.T.: -0.015 min
Response: 225454
Conc: 210.13 ng/ml



#14 AR-1232-4

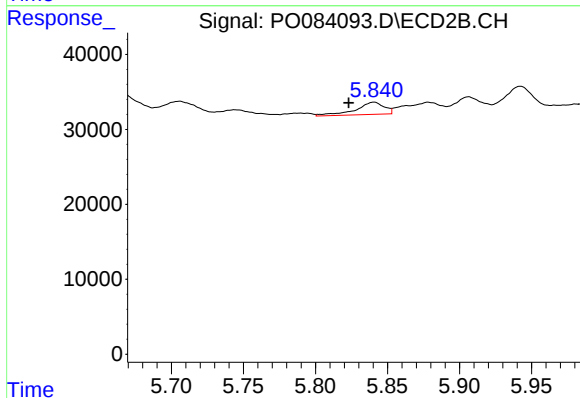
R.T.: 5.661 min
Delta R.T.: 0.025 min
Response: 107547
Conc: 491.66 ng/ml



#15 AR-1232-5

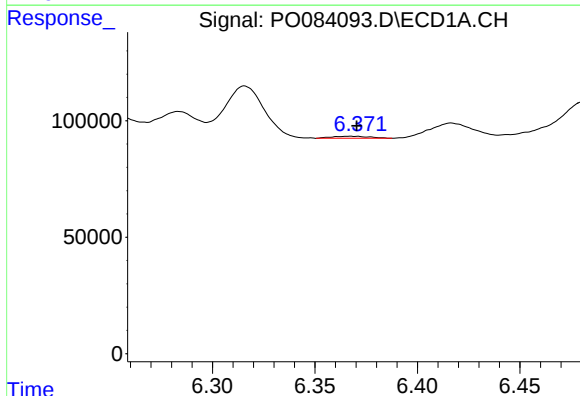
R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 144243
Conc: 180.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



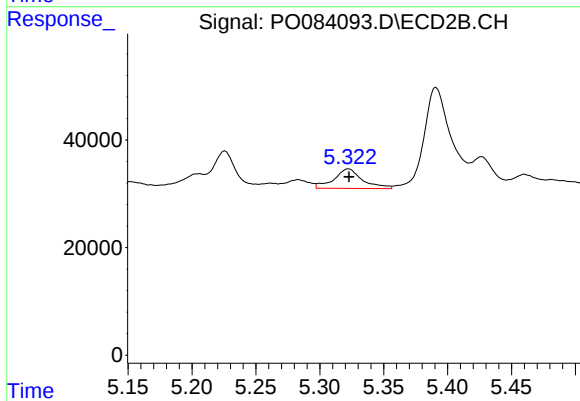
#15 AR-1232-5

R.T.: 5.841 min
Delta R.T.: 0.017 min
Response: 22538
Conc: 94.69 ng/ml



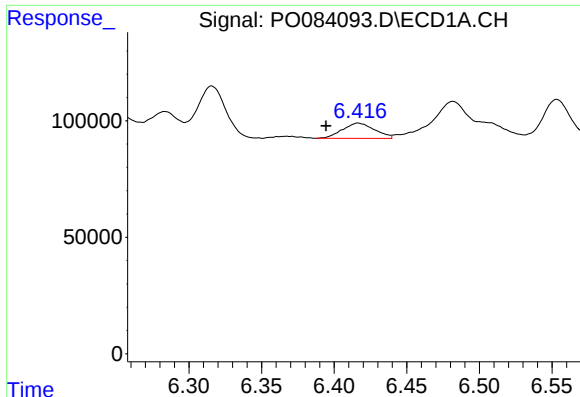
#16 AR-1242-1

R.T.: 6.367 min
Delta R.T.: -0.003 min
Response: 11117
Conc: 4.07 ng/ml



#16 AR-1242-1

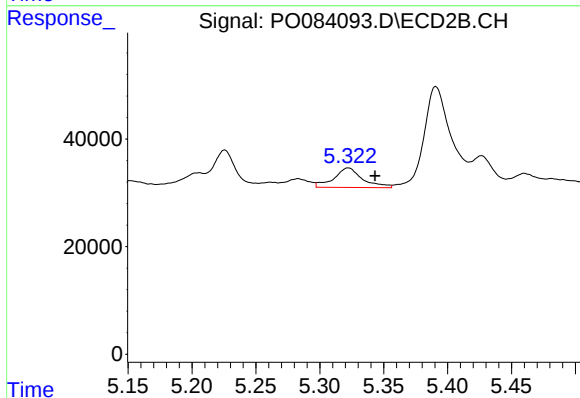
R.T.: 5.322 min
Delta R.T.: 0.000 min
Response: 56500
Conc: 88.42 ng/ml



#17 AR-1242-2

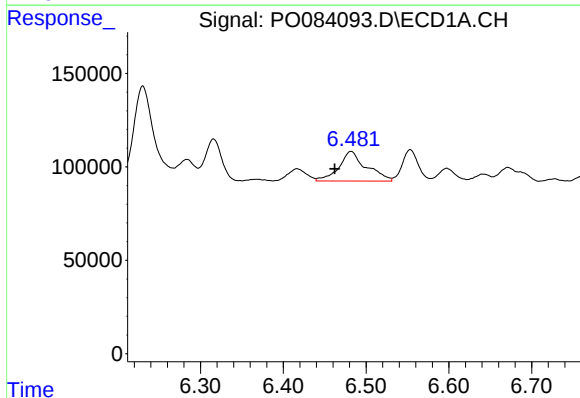
R.T.: 6.417 min
Delta R.T.: 0.022 min
Response: 101547
Conc: 26.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



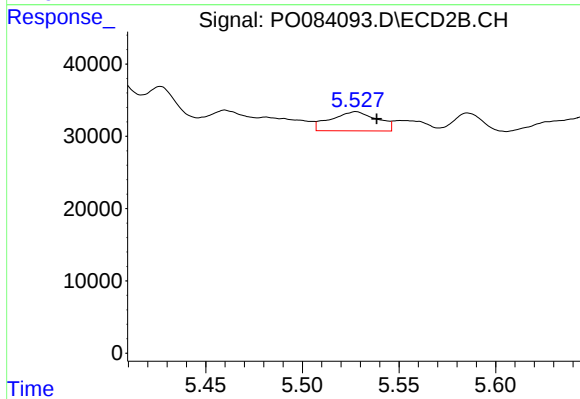
#17 AR-1242-2

R.T.: 5.322 min
Delta R.T.: -0.021 min
Response: 56500
Conc: 67.06 ng/ml



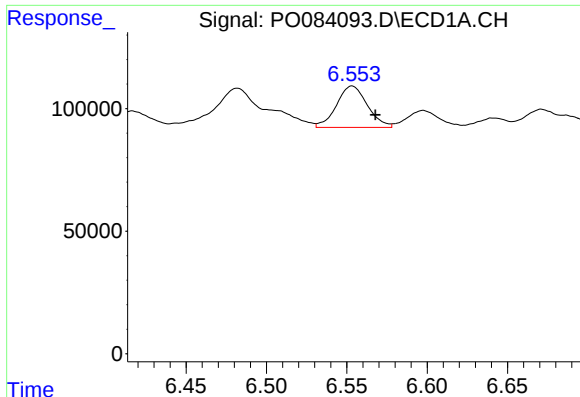
#18 AR-1242-3

R.T.: 6.482 min
Delta R.T.: 0.020 min
Response: 367755
Conc: 143.25 ng/ml



#18 AR-1242-3

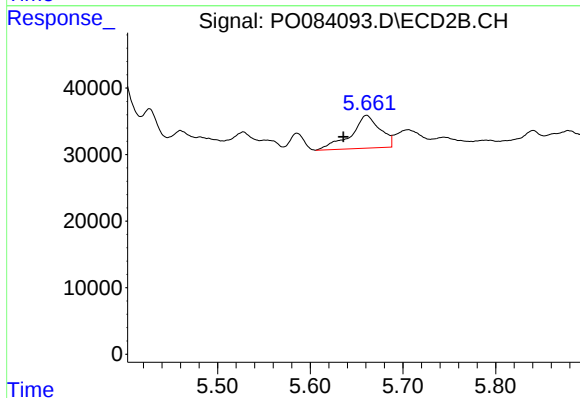
R.T.: 5.528 min
Delta R.T.: -0.011 min
Response: 44097
Conc: 96.38 ng/ml



#19 AR-1242-4

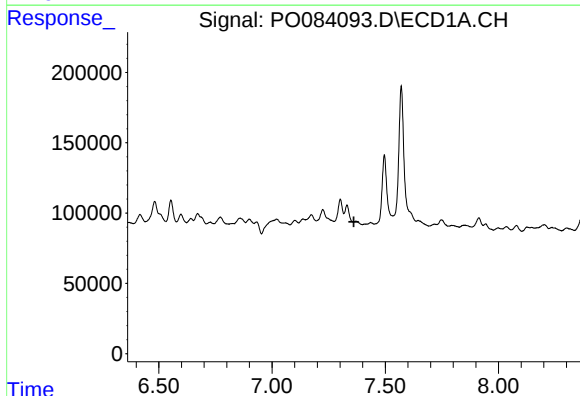
R.T.: 6.553 min
Delta R.T.: -0.015 min
Response: 225454
Conc: 109.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



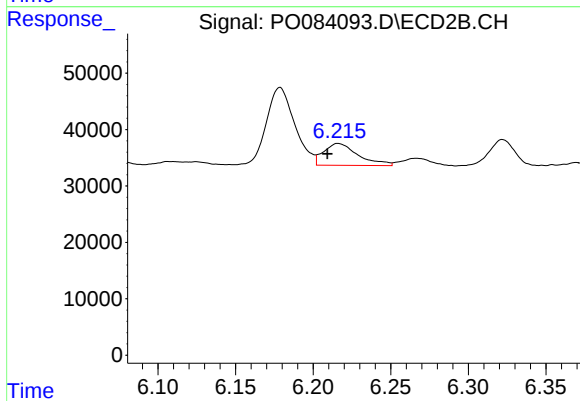
#19 AR-1242-4

R.T.: 5.661 min
Delta R.T.: 0.025 min
Response: 107547
Conc: 241.65 ng/ml



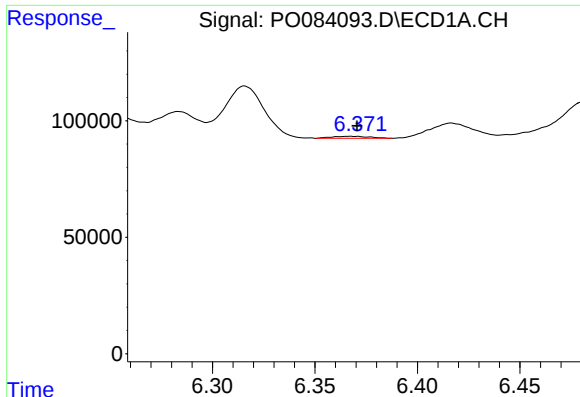
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 7.361 min
Response: 0
Conc: N.D.



#20 AR-1242-5

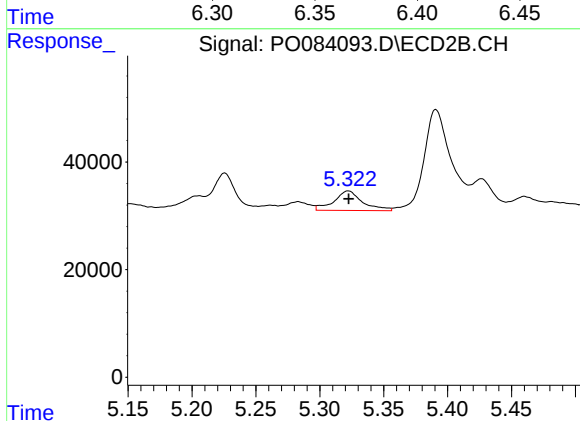
R.T.: 6.216 min
Delta R.T.: 0.007 min
Response: 59744
Conc: 108.13 ng/ml



#21 AR-1248-1

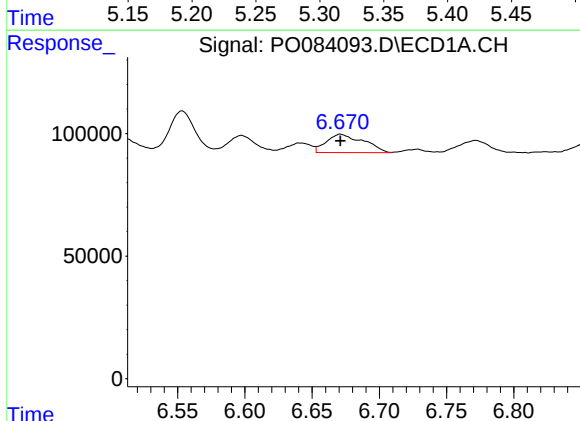
R.T.: 6.367 min
Delta R.T.: -0.003 min
Response: 11117
Conc: 5.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



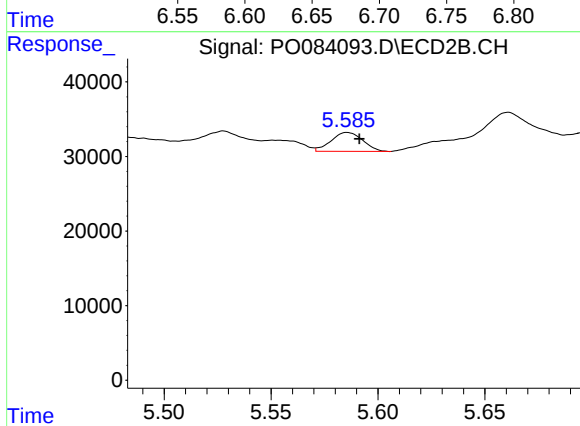
#21 AR-1248-1

R.T.: 5.322 min
Delta R.T.: 0.000 min
Response: 56500
Conc: 127.22 ng/ml



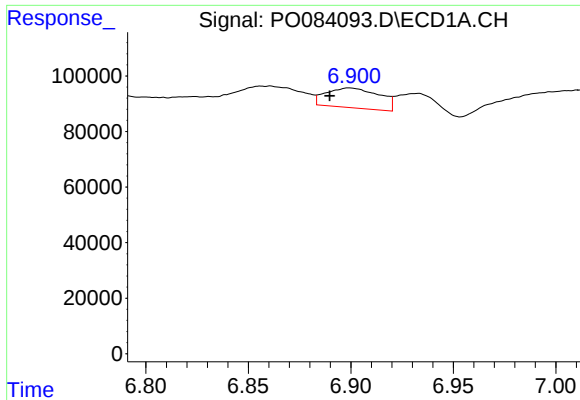
#22 AR-1248-2

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 144243
Conc: 52.51 ng/ml



#22 AR-1248-2

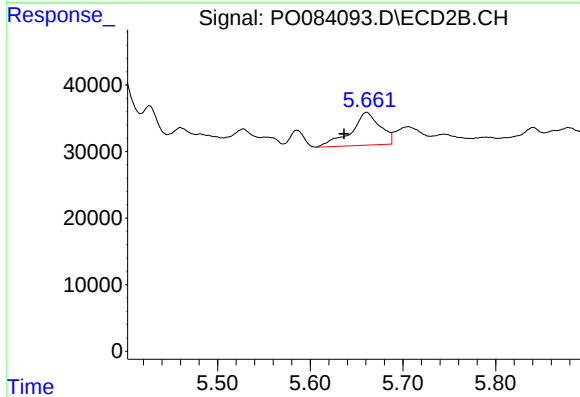
R.T.: 5.586 min
Delta R.T.: -0.006 min
Response: 26085
Conc: 41.60 ng/ml



#23 AR-1248-3

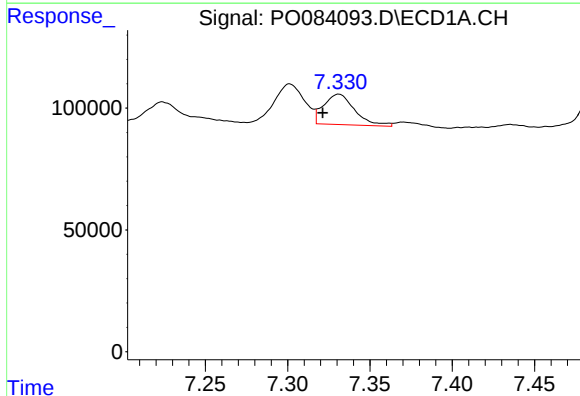
R.T.: 6.899 min
Delta R.T.: 0.010 min
Response: 128727
Conc: 40.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



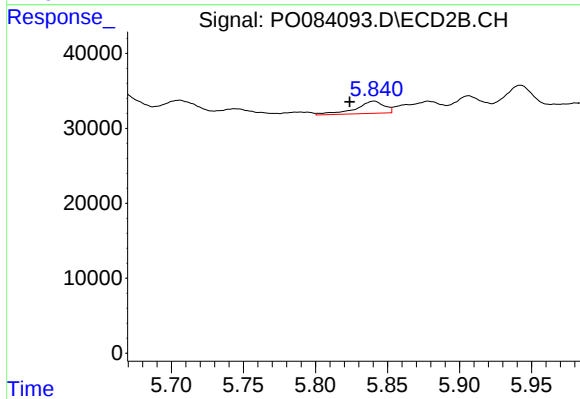
#23 AR-1248-3

R.T.: 5.661 min
Delta R.T.: 0.024 min
Response: 107547
Conc: 168.55 ng/ml



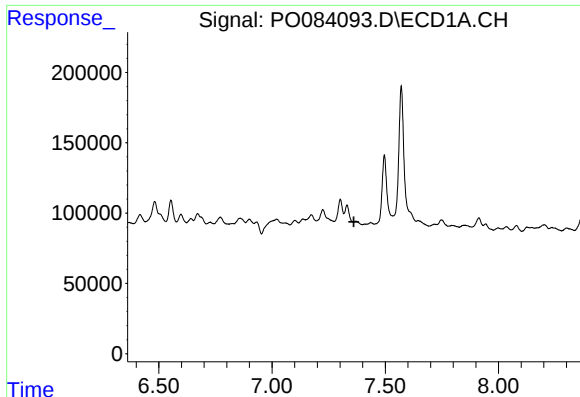
#24 AR-1248-4

R.T.: 7.331 min
Delta R.T.: 0.010 min
Response: 164868
Conc: 50.66 ng/ml



#24 AR-1248-4

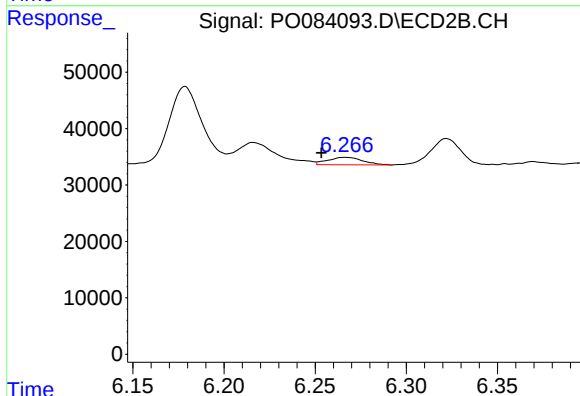
R.T.: 5.841 min
Delta R.T.: 0.017 min
Response: 22538
Conc: 29.48 ng/ml



#25 AR-1248-5

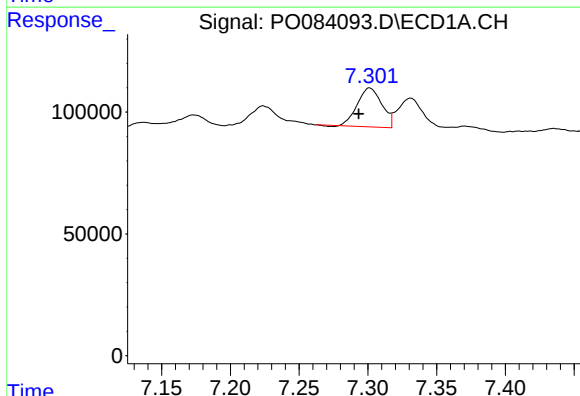
R.T.: 0.000 min
Exp R.T.: 7.361 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



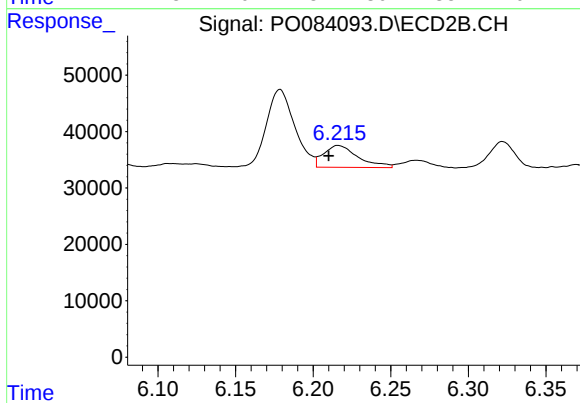
#25 AR-1248-5

R.T.: 6.266 min
Delta R.T.: 0.013 min
Response: 17788
Conc: 23.97 ng/ml



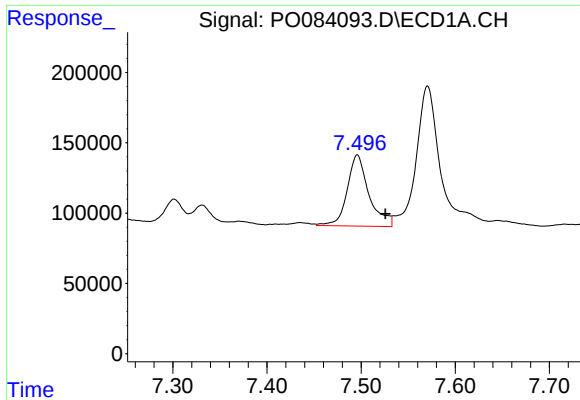
#26 AR-1254-1

R.T.: 7.301 min
Delta R.T.: 0.008 min
Response: 198035
Conc: 56.50 ng/ml



#26 AR-1254-1

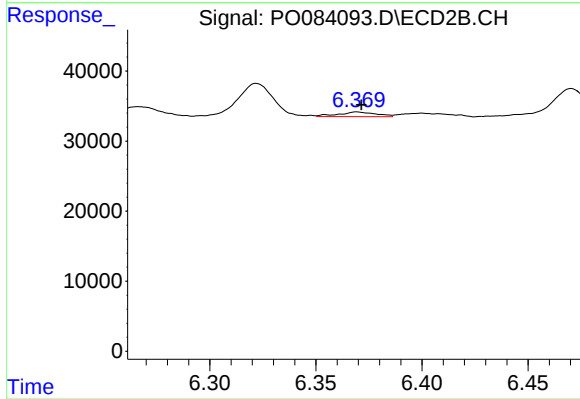
R.T.: 6.216 min
Delta R.T.: 0.006 min
Response: 59744
Conc: 50.09 ng/ml



#27 AR-1254-2

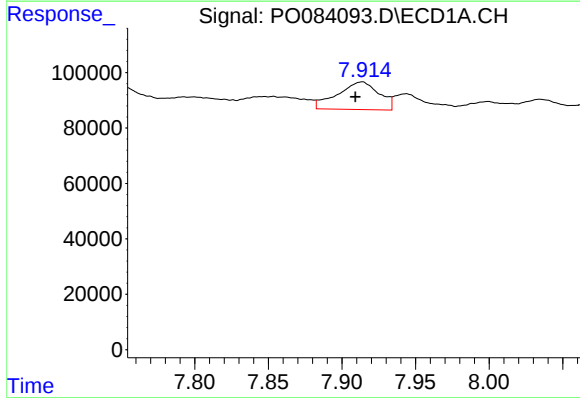
R.T.: 7.496 min
Delta R.T.: -0.030 min
Response: 815551
Conc: 152.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



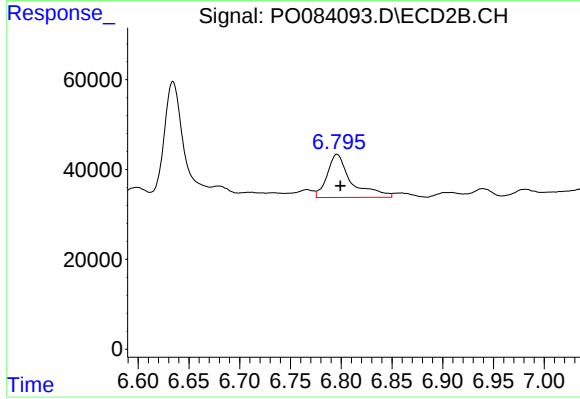
#27 AR-1254-2

R.T.: 6.369 min
Delta R.T.: -0.002 min
Response: 8145
Conc: 7.69 ng/ml



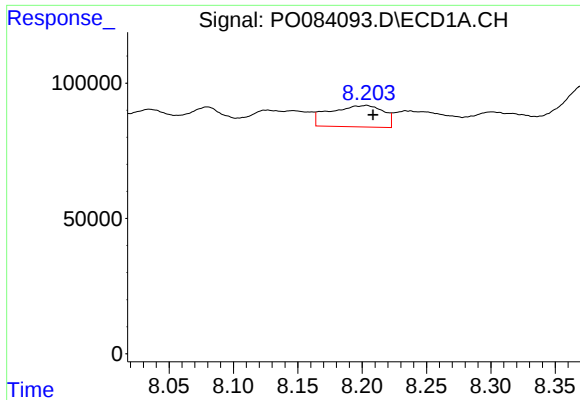
#28 AR-1254-3

R.T.: 7.914 min
Delta R.T.: 0.004 min
Response: 196229
Conc: 34.85 ng/ml



#28 AR-1254-3

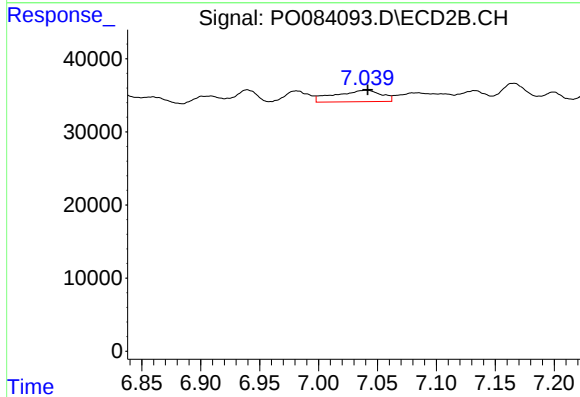
R.T.: 6.796 min
Delta R.T.: -0.003 min
Response: 159306
Conc: 93.26 ng/ml



#29 AR-1254-4

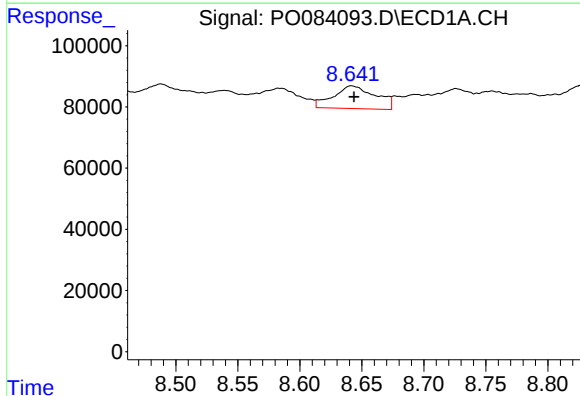
R.T.: 8.203 min
Delta R.T.: -0.005 min
Response: 228645
Conc: 55.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



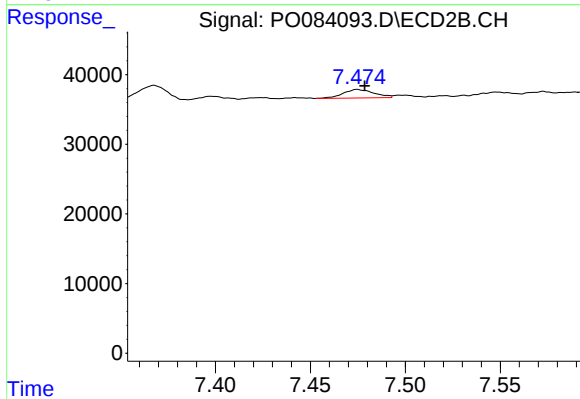
#29 AR-1254-4

R.T.: 7.040 min
Delta R.T.: -0.002 min
Response: 43252
Conc: 40.10 ng/ml



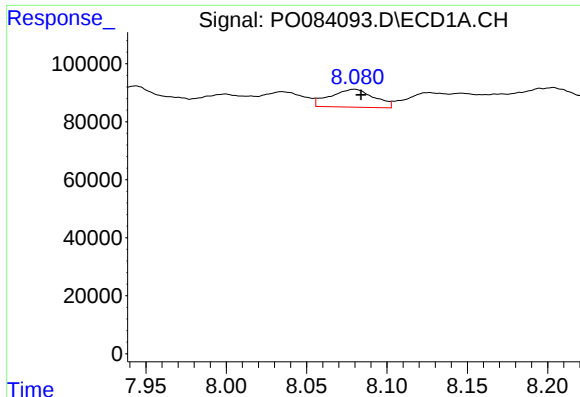
#30 AR-1254-5

R.T.: 8.642 min
Delta R.T.: -0.002 min
Response: 176529
Conc: 41.14 ng/ml



#30 AR-1254-5

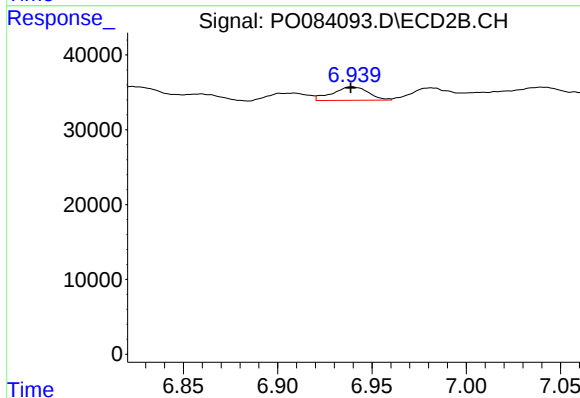
R.T.: 7.475 min
Delta R.T.: -0.004 min
Response: 13823
Conc: 9.26 ng/ml



#31 AR-1260-1

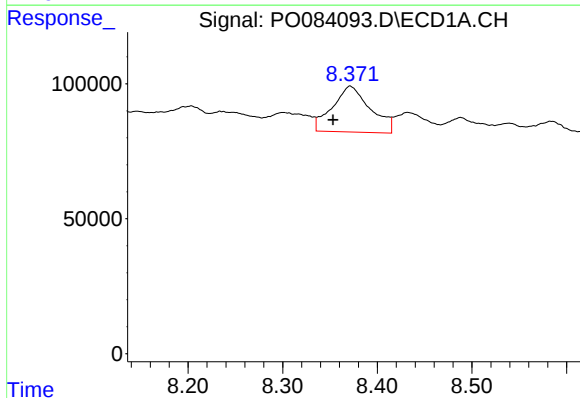
R.T.: 8.080 min
Delta R.T.: -0.004 min
Response: 117248
Conc: 28.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



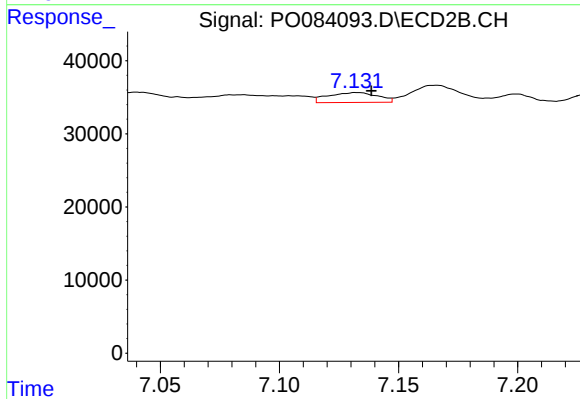
#31 AR-1260-1

R.T.: 6.939 min
Delta R.T.: 0.000 min
Response: 23708
Conc: 21.75 ng/ml



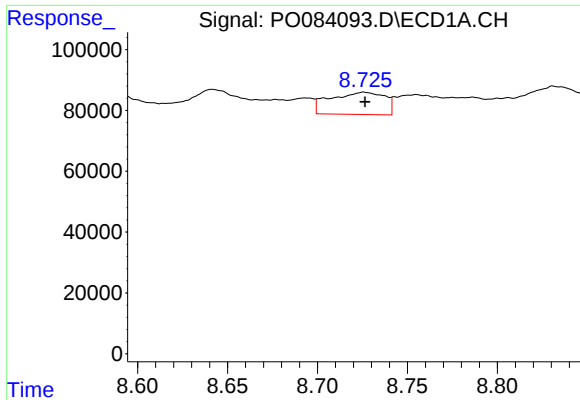
#32 AR-1260-2

R.T.: 8.371 min
Delta R.T.: 0.018 min
Response: 474493
Conc: 100.24 ng/ml



#32 AR-1260-2

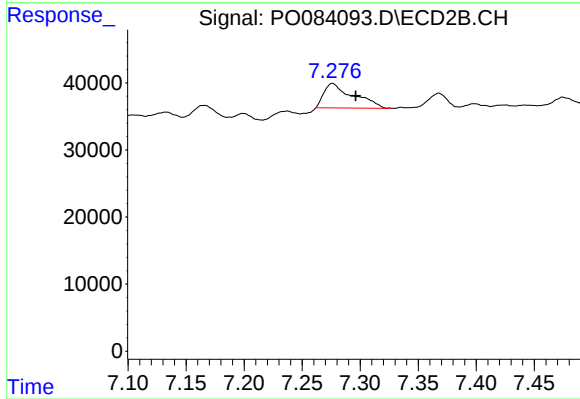
R.T.: 7.133 min
Delta R.T.: -0.006 min
Response: 19477
Conc: 14.80 ng/ml



#33 AR-1260-3

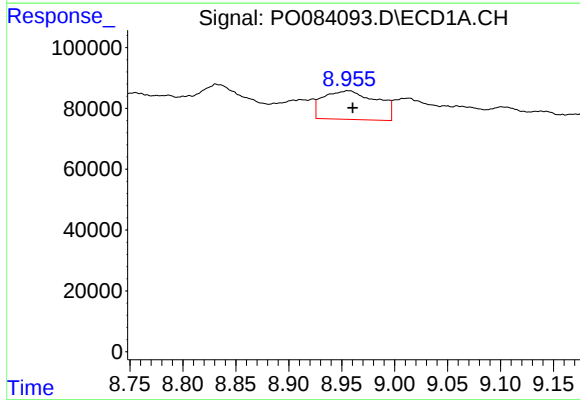
R.T.: 8.726 min
Delta R.T.: 0.000 min
Response: 153925
Conc: 43.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



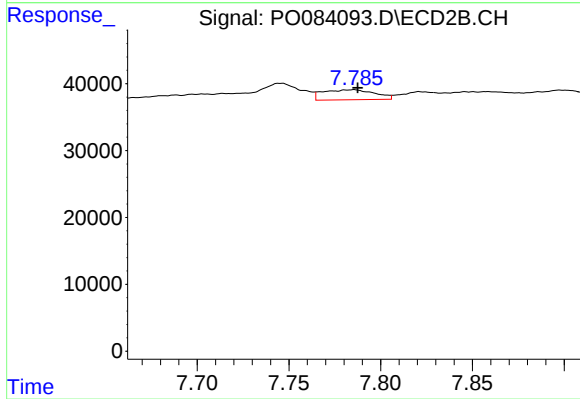
#33 AR-1260-3

R.T.: 7.276 min
Delta R.T.: -0.020 min
Response: 64430
Conc: 49.17 ng/ml



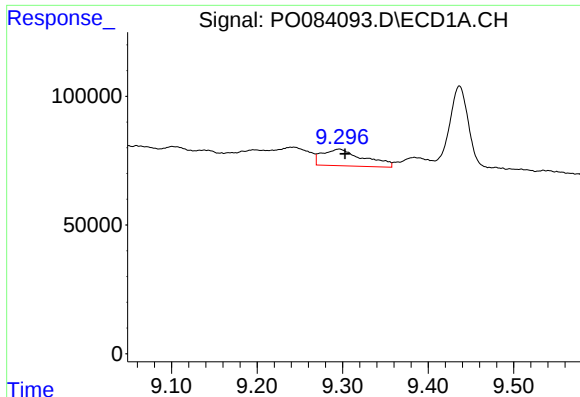
#34 AR-1260-4

R.T.: 8.956 min
Delta R.T.: -0.004 min
Response: 331097
Conc: 84.08 ng/ml



#34 AR-1260-4

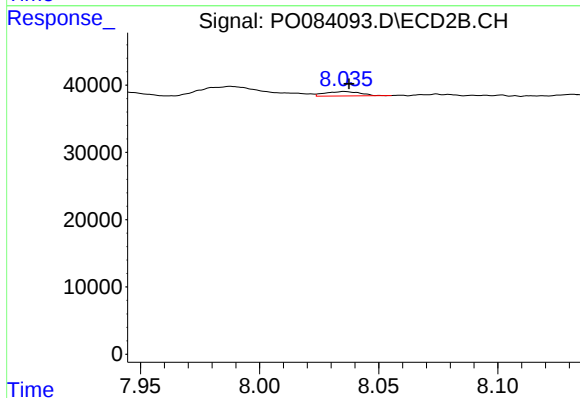
R.T.: 7.786 min
Delta R.T.: -0.002 min
Response: 29331
Conc: 28.74 ng/ml



#35 AR-1260-5

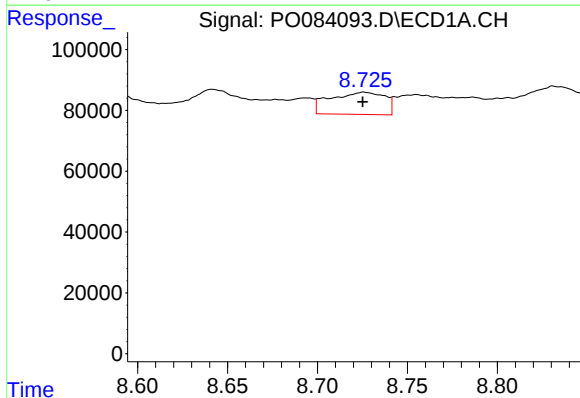
R.T.: 9.296 min
Delta R.T.: -0.007 min
Response: 216515
Conc: 29.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



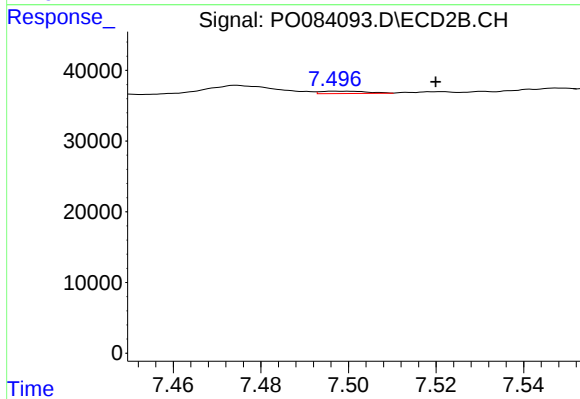
#35 AR-1260-5

R.T.: 8.036 min
Delta R.T.: -0.002 min
Response: 6880
Conc: 2.86 ng/ml



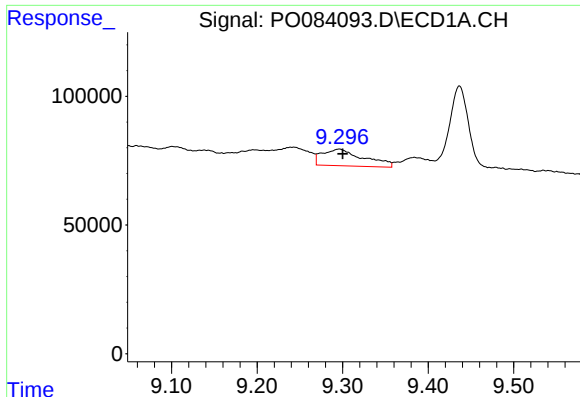
#36 AR-1262-1

R.T.: 8.726 min
Delta R.T.: 0.000 min
Response: 153925
Conc: 32.59 ng/ml



#36 AR-1262-1

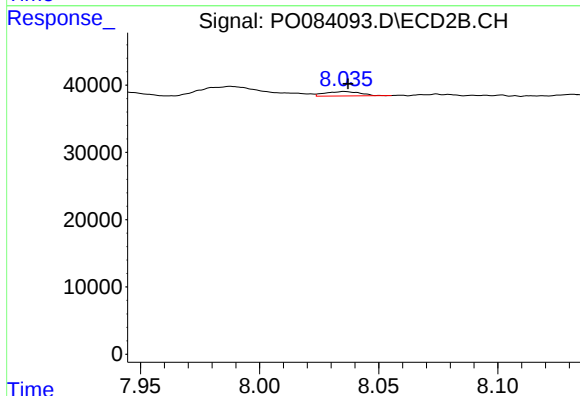
R.T.: 7.498 min
Delta R.T.: -0.022 min
Response: 2455
Conc: 1.70 ng/ml



#37 AR-1262-2

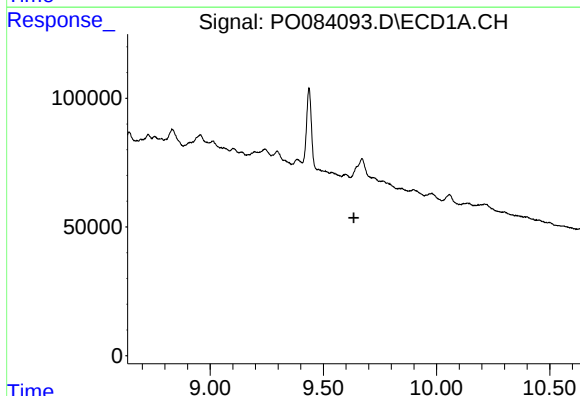
R.T.: 9.296 min
Delta R.T.: -0.004 min
Response: 216515
Conc: 28.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



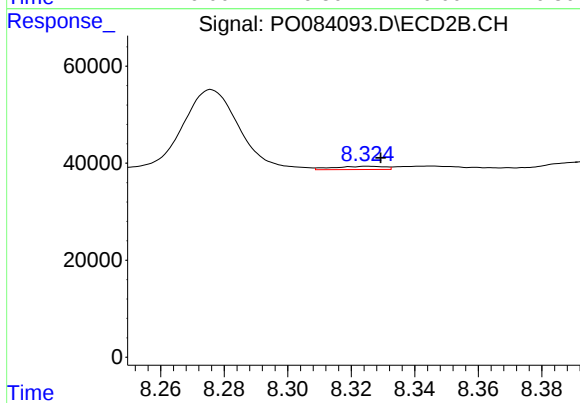
#37 AR-1262-2

R.T.: 8.036 min
Delta R.T.: -0.001 min
Response: 6880
Conc: 2.65 ng/ml



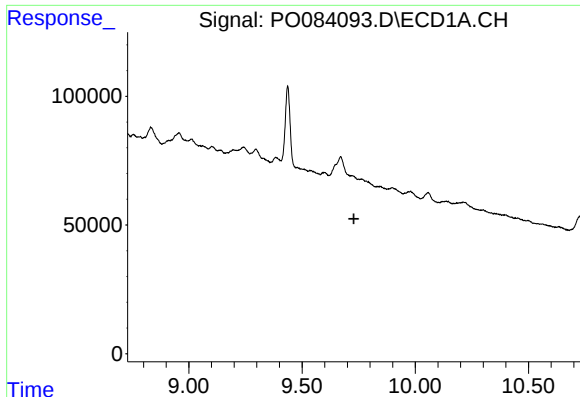
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.635 min
Response: 0
Conc: N.D.



#38 AR-1262-3

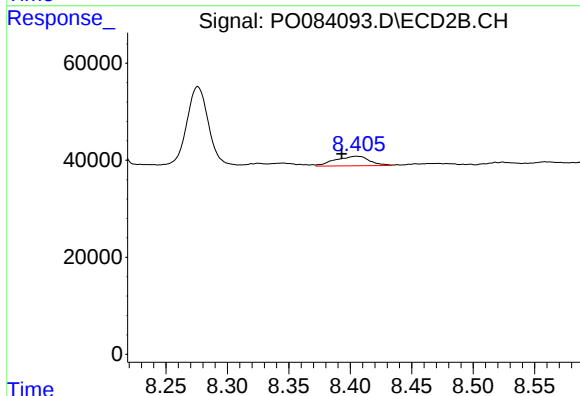
R.T.: 8.325 min
Delta R.T.: -0.004 min
Response: 7461
Conc: 7.27 ng/ml



#39 AR-1262-4

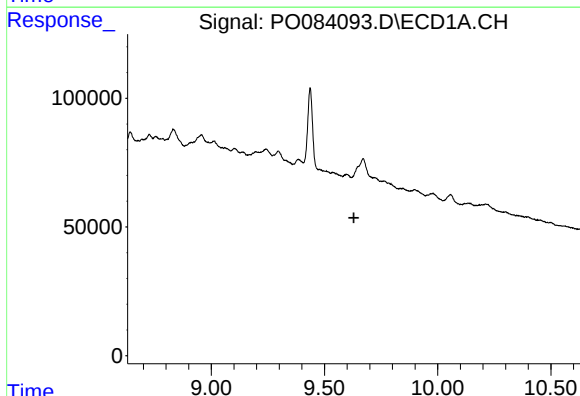
R.T.: 0.000 min
Exp R.T.: 9.729 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



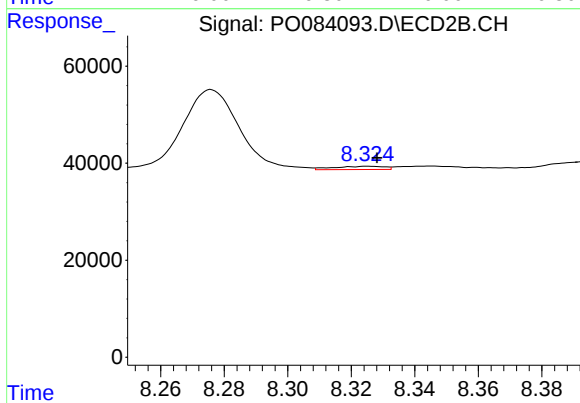
#39 AR-1262-4

R.T.: 8.405 min
Delta R.T.: 0.012 min
Response: 38478
Conc: 19.81 ng/ml



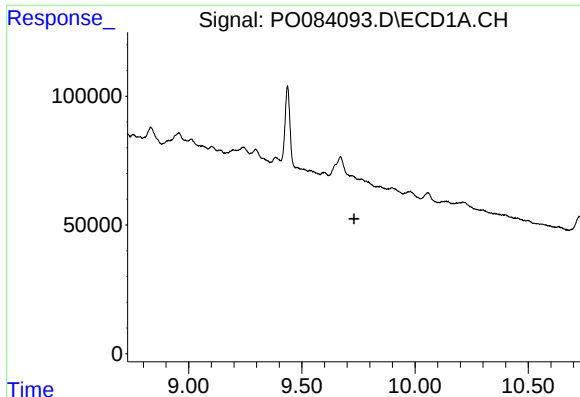
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 9.630 min
Response: 0
Conc: N.D.



#41 AR-1268-1

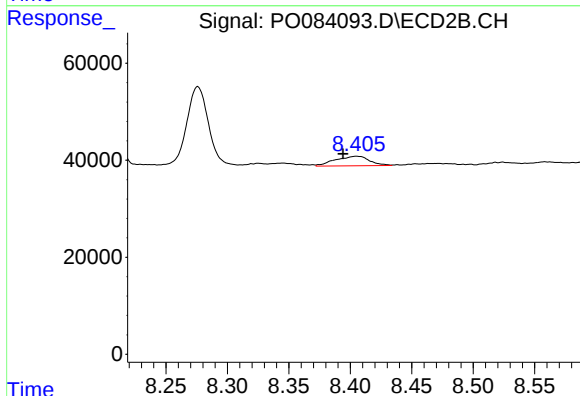
R.T.: 8.325 min
Delta R.T.: -0.003 min
Response: 7461
Conc: 2.51 ng/ml



#42 AR-1268-2

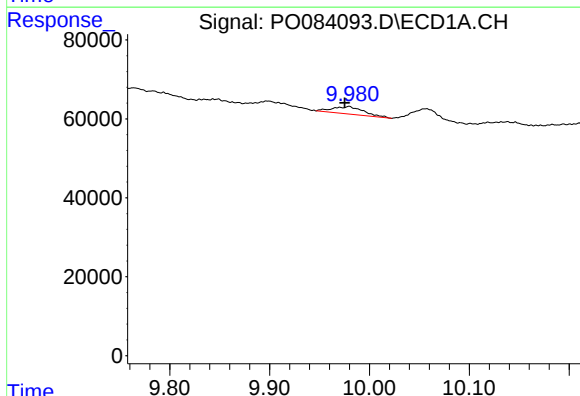
R.T.: 0.000 min
Exp R.T.: 9.730 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



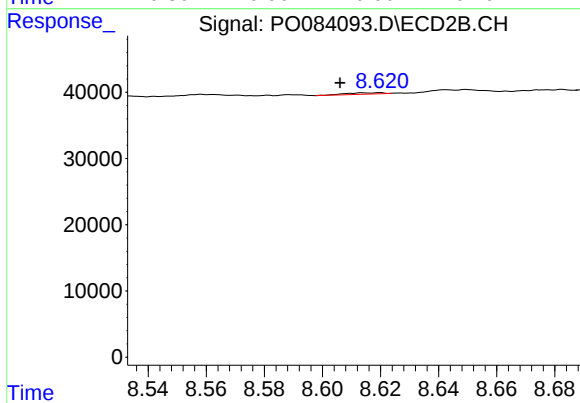
#42 AR-1268-2

R.T.: 8.405 min
Delta R.T.: 0.011 min
Response: 38478
Conc: 14.27 ng/ml



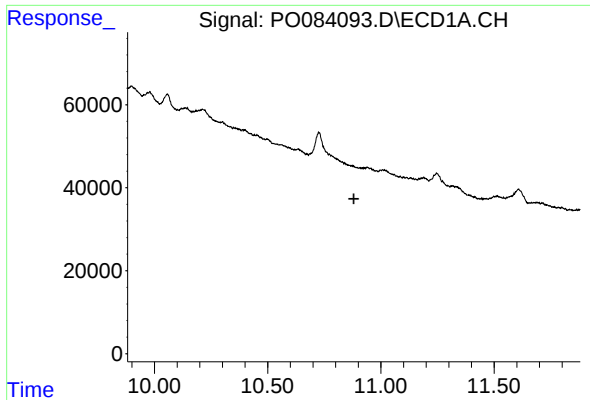
#43 AR-1268-3

R.T.: 9.980 min
Delta R.T.: 0.005 min
Response: 40230
Conc: 5.68 ng/ml



#43 AR-1268-3

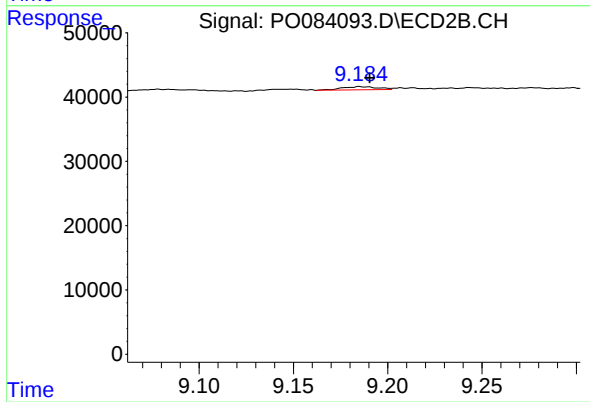
R.T.: 8.620 min
Delta R.T.: 0.014 min
Response: 1833
Conc: 0.81 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.880 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.185 min
Delta R.T.: -0.005 min
Response: 6544
Conc: 0.89 ng/ml