

Data Path : Z:\bestpcbsrv\HPCHEM1\ECD 0\Data\P0083018\
 Data File : P0048635.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Aug 2018 16:33
 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 02:17:23 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0082418.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 24 08:17:51 2018
 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...	4.385	3.623	10695958	13234629	56.464	48.886
2) SA Decachlor...	10.066	8.598	7854458	7347607	45.612	43.873
Target Compounds						
3) L1 AR-1016-1	5.092	4.293	2657451	3415334	557.230	569.959
4) L1 AR-1016-2	5.286	4.703	2678460	5190716	571.207	590.909
5) L1 AR-1016-3	5.553	4.722	3956691	7459865	581.487	582.768
6) L1 AR-1016-4	5.637	4.777	3440136	4991285	565.868	608.601
7) L1 AR-1016-5	6.028	5.150	2798512	3893167	560.378	526.711
8) L2 AR-1221-1	4.593	3.835	282760	371465	134.492	141.153
9) L2 AR-1221-2	4.683	3.922	438030	563270	288.908	292.787
10) L2 AR-1221-3	4.759	3.997	1618279	2190818	326.200	351.350
11) L3 AR-1232-1	5.575	4.484	5693736	3889404	1267.159	1332.677
12) L3 AR-1232-2	5.736	4.722	2856208	7459865	1257.208	1245.794
13) L3 AR-1232-3	5.825	4.980	2459716	3480488	1462.827	1324.276
14) L3 AR-1232-4	6.403	5.299	2794143	3421442	1725.076	1233.303 #
15) L3 AR-1232-5	6.470	5.541	888698	981020	377.699	318.701
16) L4 AR-1242-1	5.122	4.313	1620405	2364268	676.406	676.079
17) L4 AR-1242-2	5.869	4.897	2655914	3479659	732.768	636.140
18) L4 AR-1242-3	6.070	4.938	1168314	2782830	677.062	663.126
19) L4 AR-1242-4	6.113	5.714	895563	237241	694.156	53.822 #
20) L4 AR-1242-5	6.170	5.739	2996428	355983	670.543	96.836 #
21) L5 AR-1248-1	5.825	4.938	2459716	2782830	416.673	367.219
22) L5 AR-1248-2	6.403	5.500	2794143	4043939	480.737	307.161 #
23) L5 AR-1248-3	6.430	5.541	1076080	981020	139.440	107.529
24) L5 AR-1248-4	6.470	5.714	888698	237241	121.322	30.058 #
25) L5 AR-1248-5	6.667	6.063	125718	5602654	25.985	934.696 #
26) L6 AR-1254-1	6.620	5.646	2265701	2859180	166.905	198.726
27) L6 AR-1254-2	6.902	5.959	363213	1045743	44.008	90.291 #
28) L6 AR-1254-3	6.987	6.276	1099998	523714	76.665	35.754 #
29) L6 AR-1254-4	7.271	6.596	781624	779658	71.120	79.225
30) L6 AR-1254-5	7.533	6.691	2707430	8716983	332.213	447.320 #
31) L7 AR-1260-1	7.149	6.177	5236189	7469770	525.653	539.387
32) L7 AR-1260-2	7.405	6.364	6291074	9105273	525.174	519.013
33) L7 AR-1260-3	7.688	6.518	6840462	7481823	498.413	487.949
34) L7 AR-1260-4	7.987	6.987	4483142	5559338	452.813	477.614
35) L7 AR-1260-5	8.303	7.227	8857579	13559859	463.988	500.764
36) L8 AR-1262-1	7.043	6.063	3523832	5602654	451.198	527.081
37) L8 AR-1262-2	7.820	6.782	2331326	3579952	362.067	374.502
38) L8 AR-1262-3	8.067	7.084	2174720	3114456	314.966	329.864

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 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

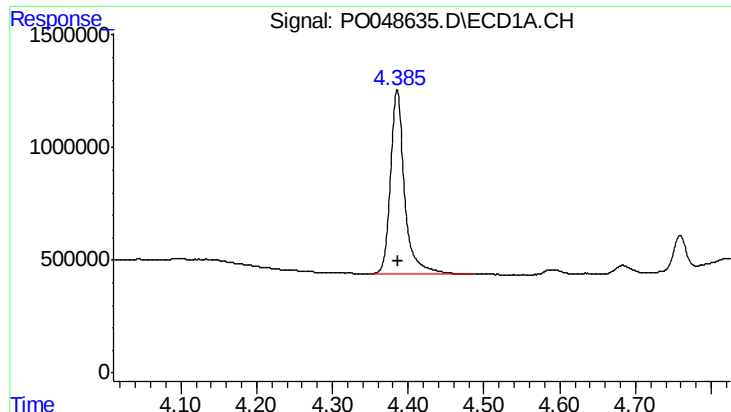
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 02:17:23 2018
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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	
39)	L8 AR-1262-4	8.694	7.509	1289066	2896215	94.374	215.220	#
40)	L8 AR-1262-5	9.338	8.064	2431010	2688984	262.916	261.076	
41)	L9 AR-1268-1	7.762	6.728	4557930	7337291	859.004	948.564	
42)	L9 AR-1268-2	7.987	7.573	4483142	8435311	656.526	279.462	#
43)	L9 AR-1268-3	8.624	7.778	5319272	162743	206.182	6.553	#
44)	L9 AR-1268-4	8.919	7.868	118541	73515	5.758	11.237	#
45)	L9 AR-1268-5	9.741	8.349	645488	626218	10.635	10.058	

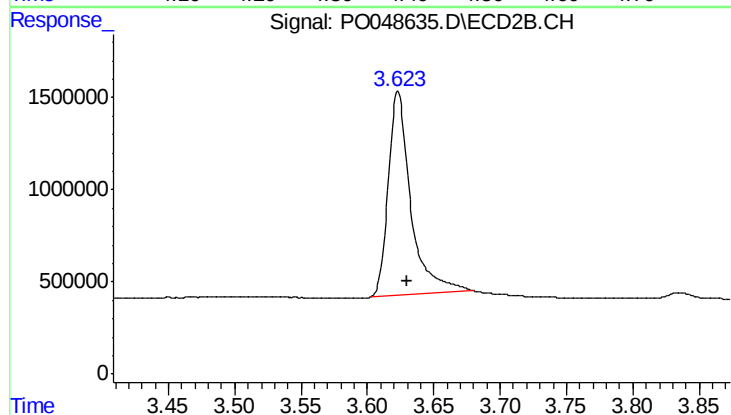
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

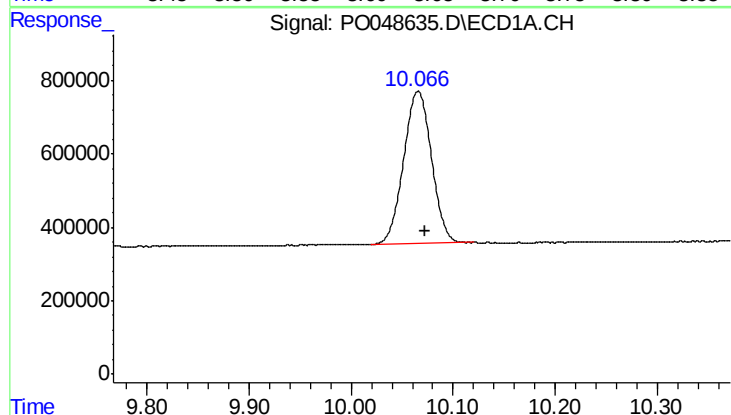
R.T.: 4.385 min
Delta R.T.: -0.002 min
Response: 10695958
Conc: 56.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



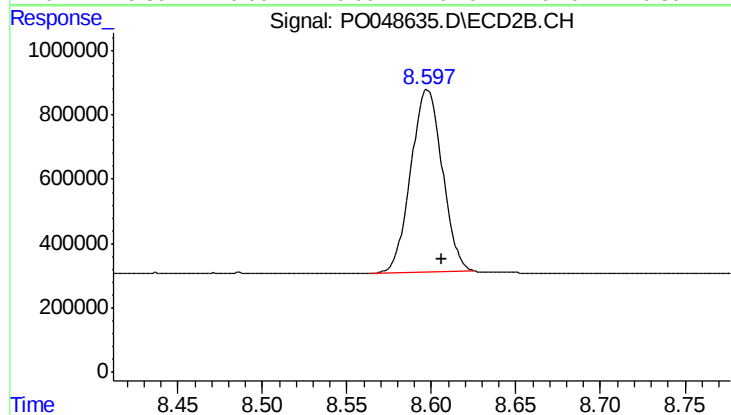
#1 Tetrachloro-m-xylene

R.T.: 3.623 min
Delta R.T.: -0.007 min
Response: 13234629
Conc: 48.89 ng/ml



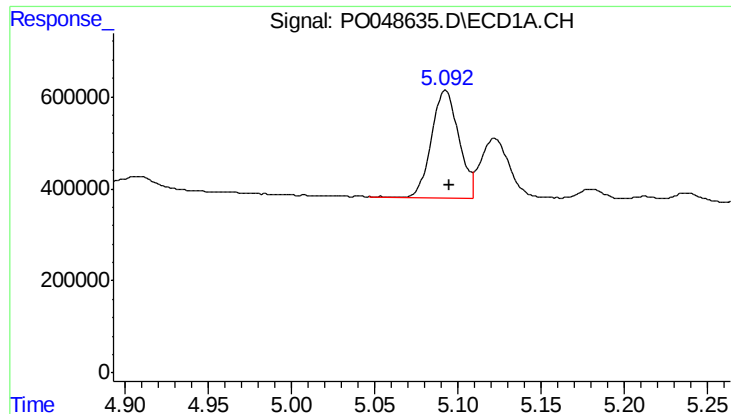
#2 Decachlorobiphenyl

R.T.: 10.066 min
Delta R.T.: -0.006 min
Response: 7854458
Conc: 45.61 ng/ml



#2 Decachlorobiphenyl

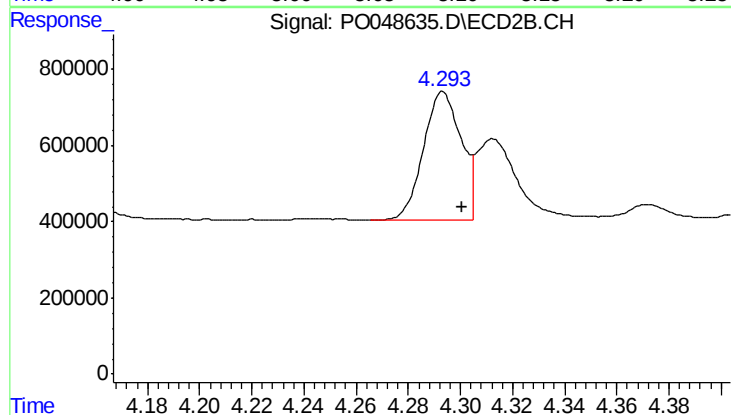
R.T.: 8.598 min
Delta R.T.: -0.009 min
Response: 7347607
Conc: 43.87 ng/ml



#3 AR-1016-1

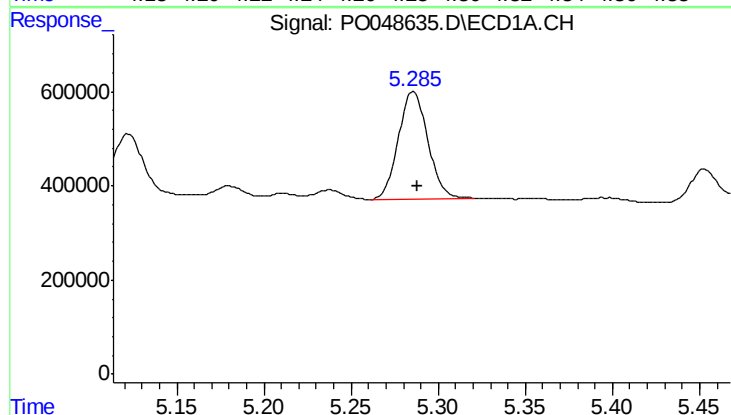
R.T.: 5.092 min
Delta R.T.: -0.003 min
Response: 2657451
Conc: 557.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



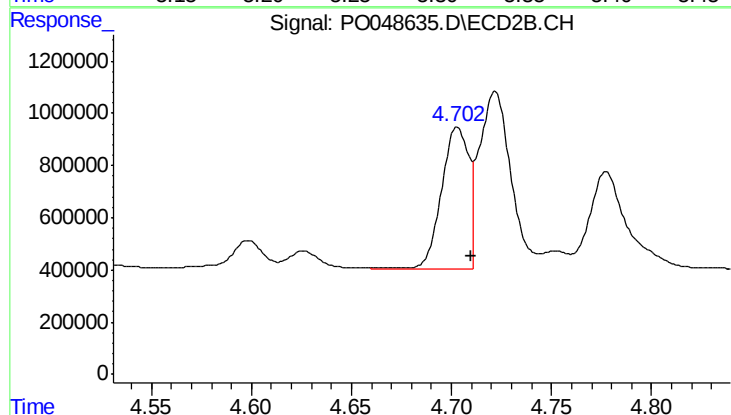
#3 AR-1016-1

R.T.: 4.293 min
Delta R.T.: -0.007 min
Response: 3415334
Conc: 569.96 ng/ml



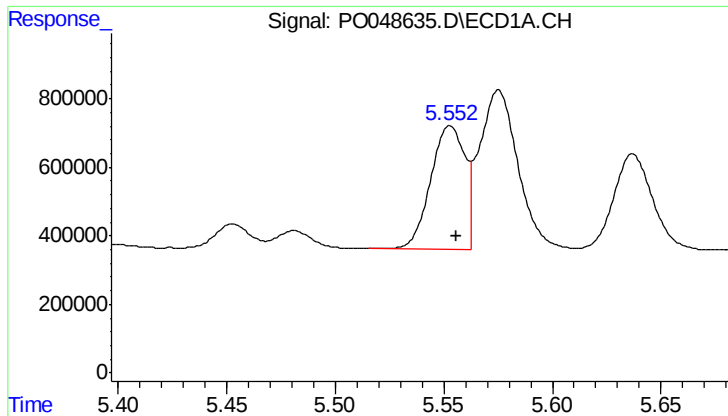
#4 AR-1016-2

R.T.: 5.286 min
Delta R.T.: -0.003 min
Response: 2678460
Conc: 571.21 ng/ml



#4 AR-1016-2

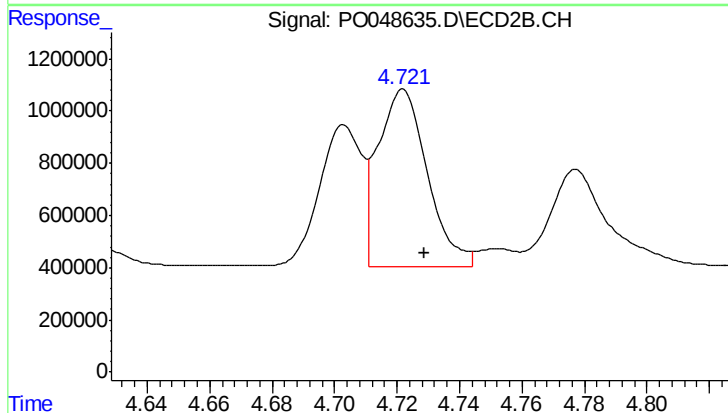
R.T.: 4.703 min
Delta R.T.: -0.007 min
Response: 5190716
Conc: 590.91 ng/ml



#5 AR-1016-3

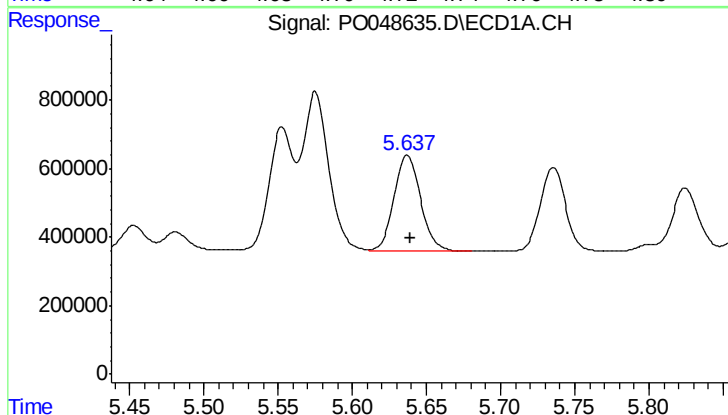
R.T.: 5.553 min
Delta R.T.: -0.003 min
Response: 3956691
Conc: 581.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



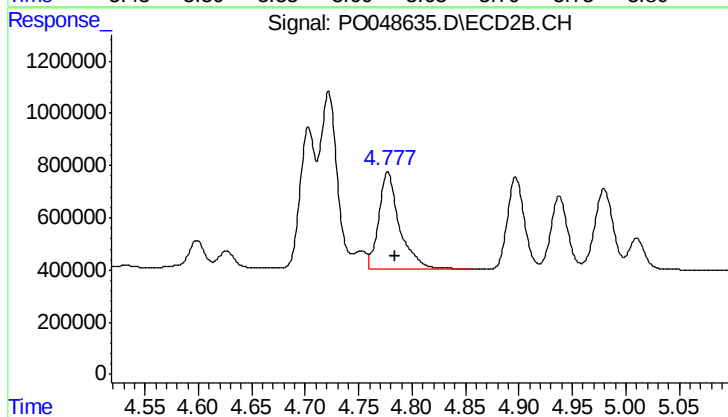
#5 AR-1016-3

R.T.: 4.722 min
Delta R.T.: -0.007 min
Response: 7459865
Conc: 582.77 ng/ml



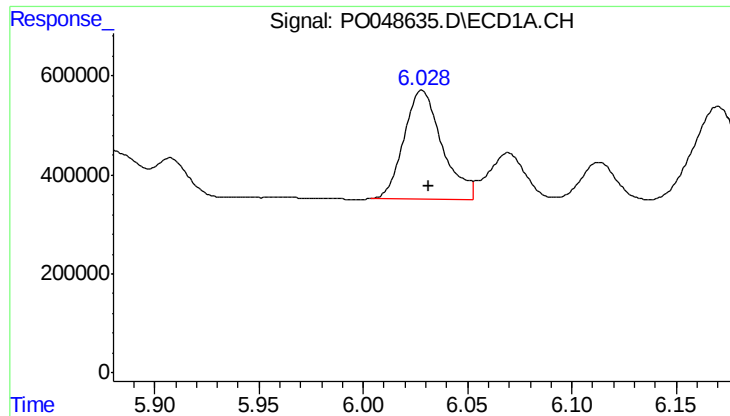
#6 AR-1016-4

R.T.: 5.637 min
Delta R.T.: -0.002 min
Response: 3440136
Conc: 565.87 ng/ml



#6 AR-1016-4

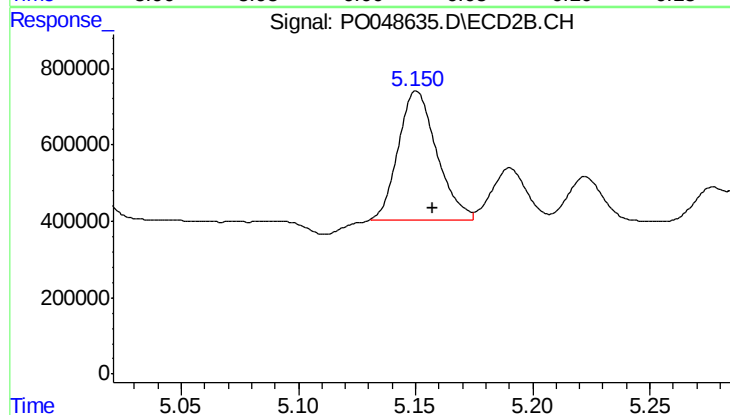
R.T.: 4.777 min
Delta R.T.: -0.007 min
Response: 4991285
Conc: 608.60 ng/ml



#7 AR-1016-5

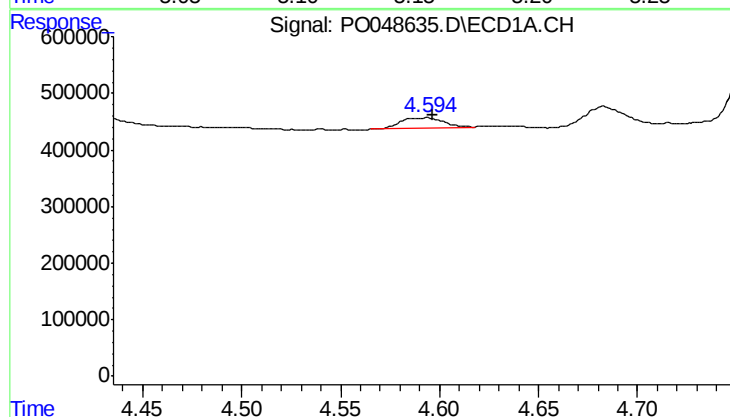
R.T.: 6.028 min
Delta R.T.: -0.003 min
Response: 2798512
Conc: 560.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



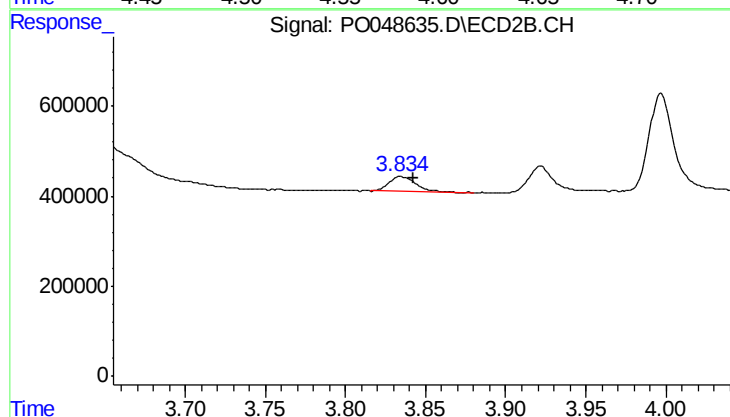
#7 AR-1016-5

R.T.: 5.150 min
Delta R.T.: -0.007 min
Response: 3893167
Conc: 526.71 ng/ml



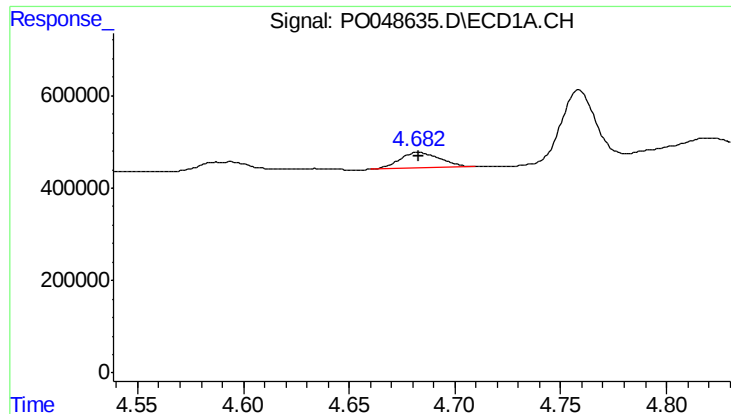
#8 AR-1221-1

R.T.: 4.593 min
Delta R.T.: -0.003 min
Response: 282760
Conc: 134.49 ng/ml



#8 AR-1221-1

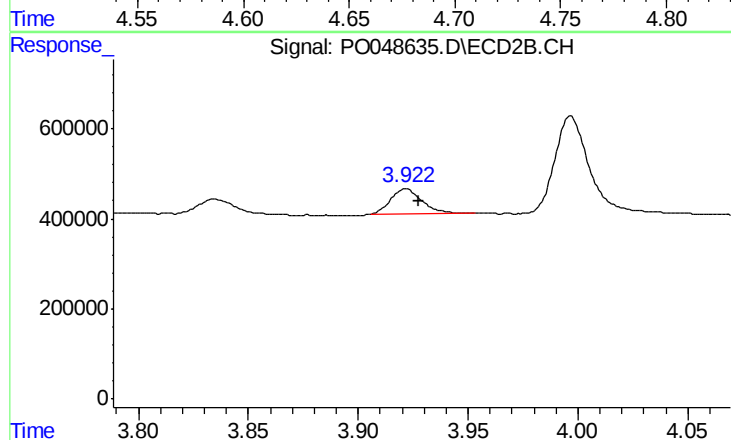
R.T.: 3.835 min
Delta R.T.: -0.008 min
Response: 371465
Conc: 141.15 ng/ml



#9 AR-1221-2

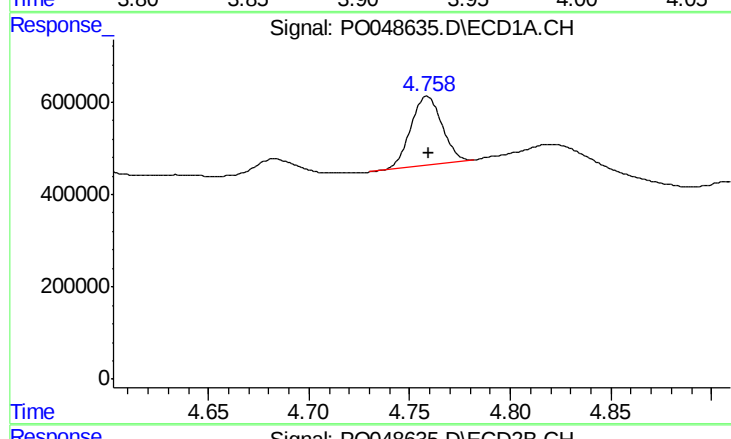
R.T.: 4.683 min
Delta R.T.: 0.000 min
Response: 438030
Conc: 288.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



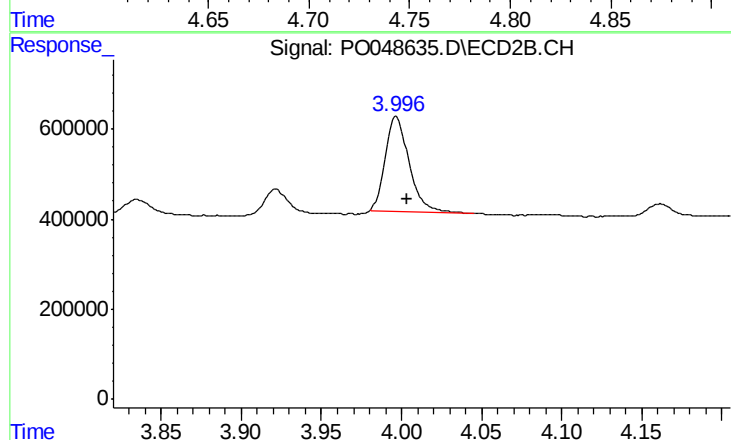
#9 AR-1221-2

R.T.: 3.922 min
Delta R.T.: -0.006 min
Response: 563270
Conc: 292.79 ng/ml



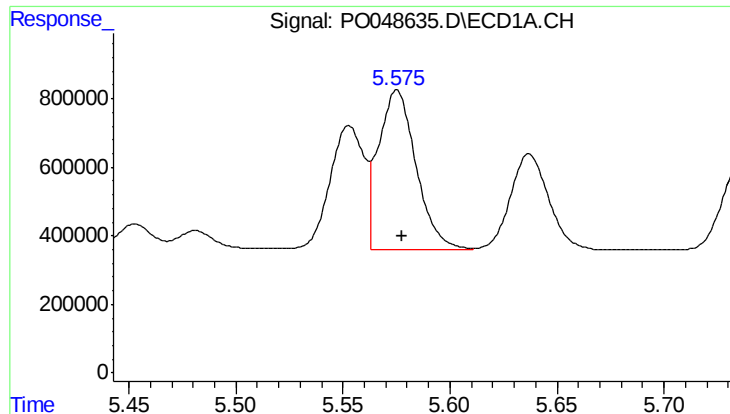
#10 AR-1221-3

R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 1618279
Conc: 326.20 ng/ml



#10 AR-1221-3

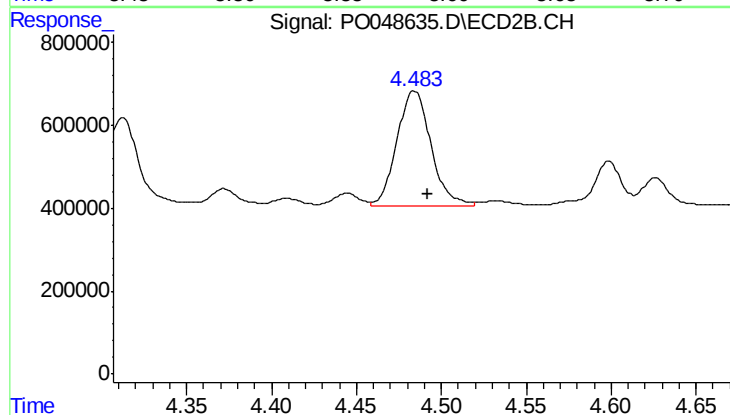
R.T.: 3.997 min
Delta R.T.: -0.007 min
Response: 2190818
Conc: 351.35 ng/ml



#11 AR-1232-1

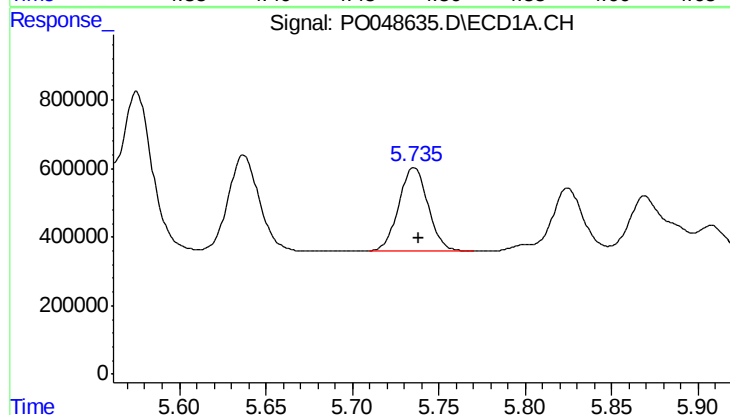
R.T.: 5.575 min
Delta R.T.: -0.002 min
Response: 5693736
Conc: 1267.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



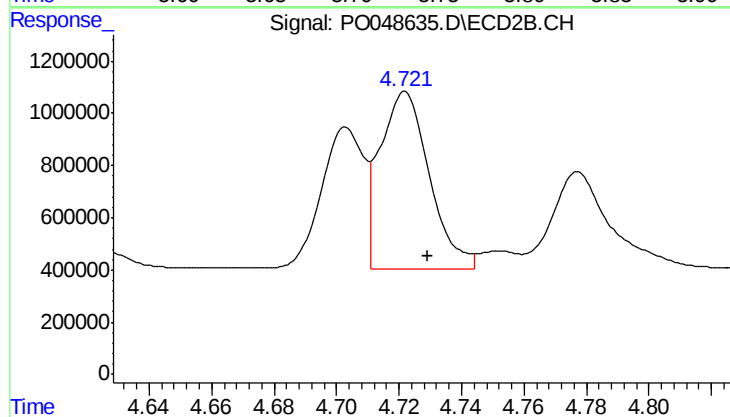
#11 AR-1232-1

R.T.: 4.484 min
Delta R.T.: -0.007 min
Response: 3889404
Conc: 1332.68 ng/ml



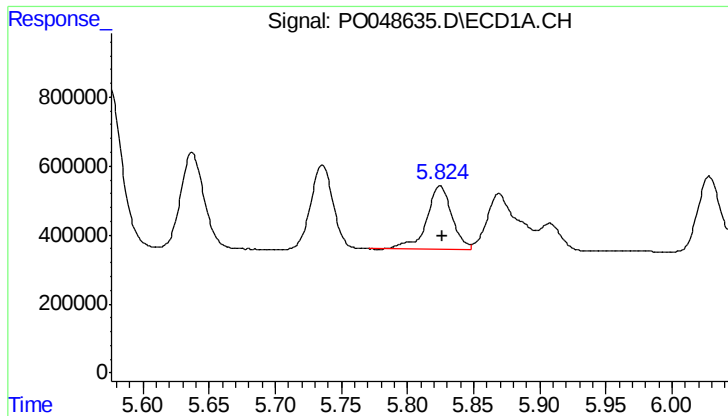
#12 AR-1232-2

R.T.: 5.736 min
Delta R.T.: -0.003 min
Response: 2856208
Conc: 1257.21 ng/ml



#12 AR-1232-2

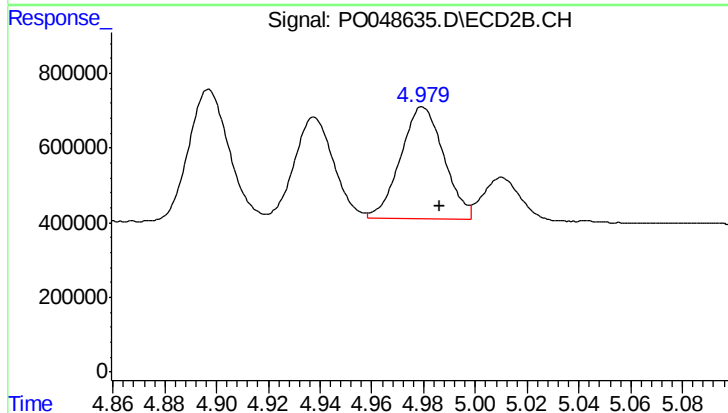
R.T.: 4.722 min
Delta R.T.: -0.007 min
Response: 7459865
Conc: 1245.79 ng/ml



#13 AR-1232-3

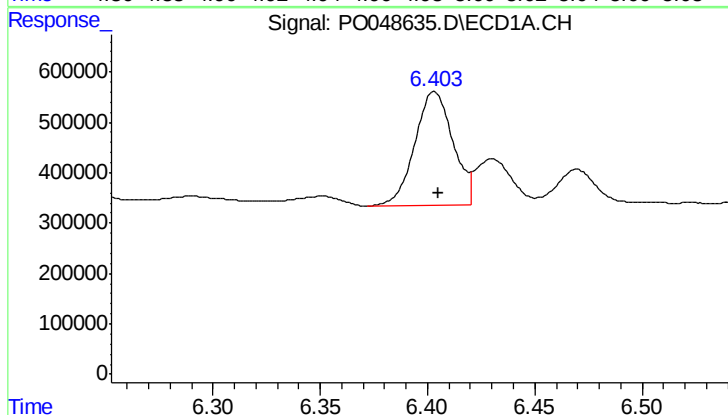
R.T.: 5.825 min
Delta R.T.: -0.002 min
Response: 2459716
Conc: 1462.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



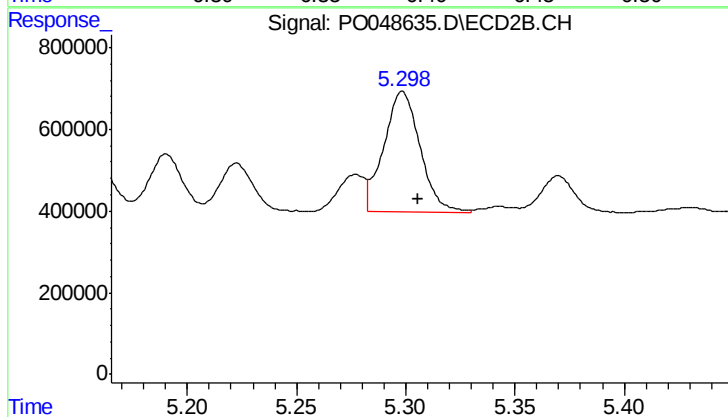
#13 AR-1232-3

R.T.: 4.980 min
Delta R.T.: -0.007 min
Response: 3480488
Conc: 1324.28 ng/ml



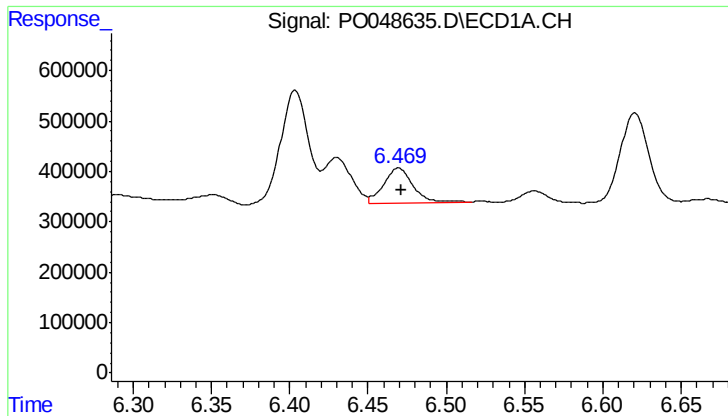
#14 AR-1232-4

R.T.: 6.403 min
Delta R.T.: -0.002 min
Response: 2794143
Conc: 1725.08 ng/ml



#14 AR-1232-4

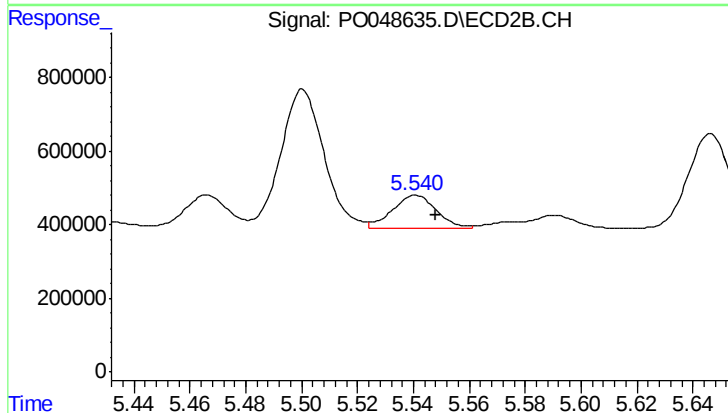
R.T.: 5.299 min
Delta R.T.: -0.007 min
Response: 3421442
Conc: 1233.30 ng/ml



#15 AR-1232-5

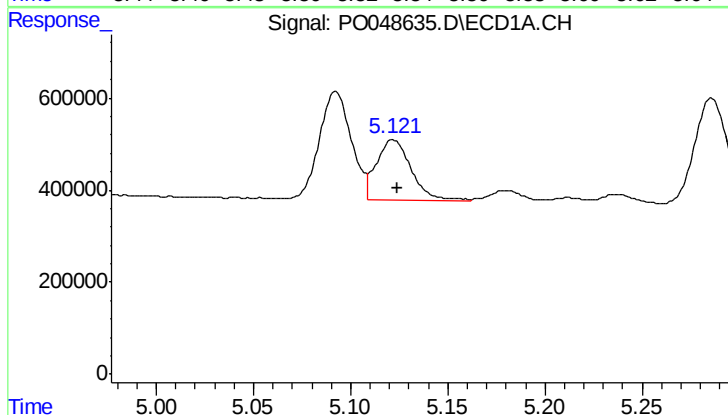
R.T.: 6.470 min
Delta R.T.: -0.002 min
Response: 888698
Conc: 377.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



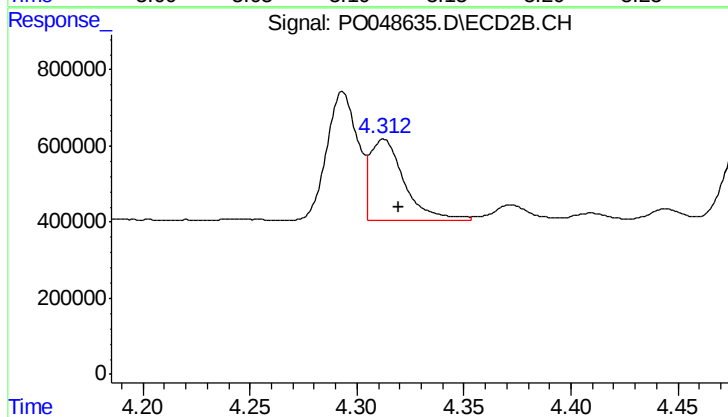
#15 AR-1232-5

R.T.: 5.541 min
Delta R.T.: -0.007 min
Response: 981020
Conc: 318.70 ng/ml



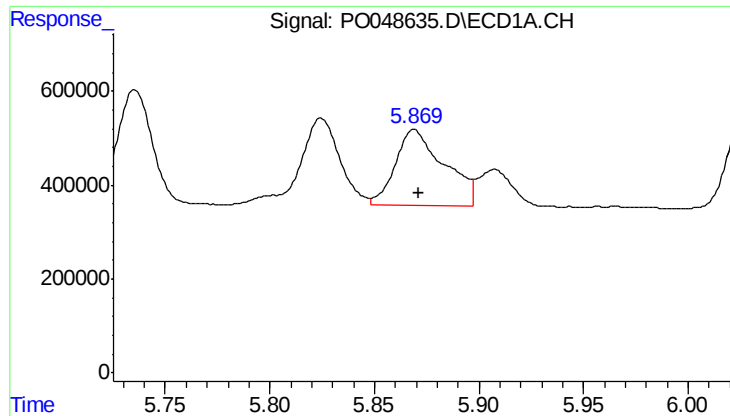
#16 AR-1242-1

R.T.: 5.122 min
Delta R.T.: -0.002 min
Response: 1620405
Conc: 676.41 ng/ml



#16 AR-1242-1

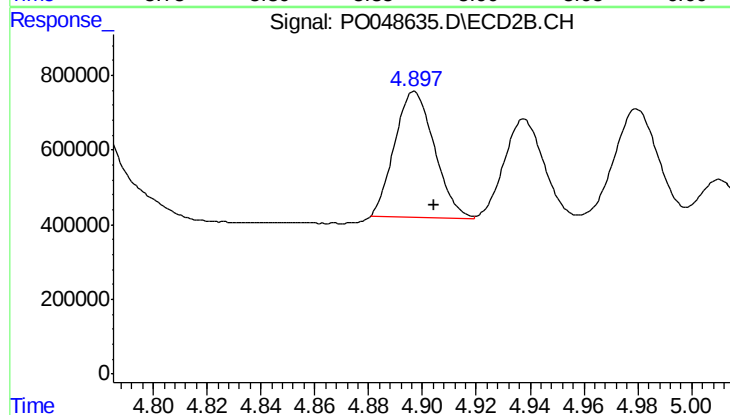
R.T.: 4.313 min
Delta R.T.: -0.007 min
Response: 2364268
Conc: 676.08 ng/ml



#17 AR-1242-2

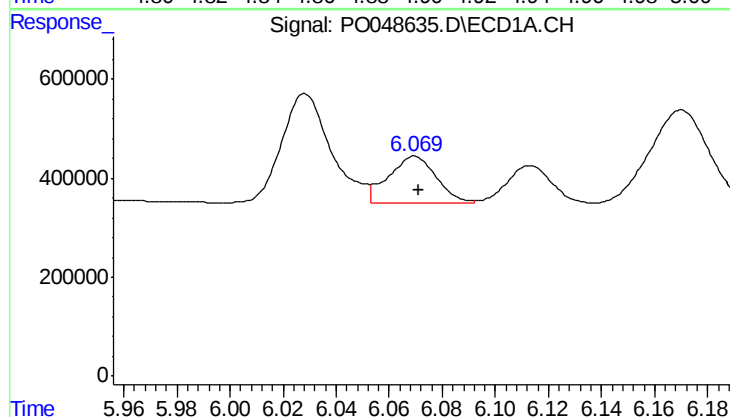
R.T.: 5.869 min
Delta R.T.: -0.002 min
Response: 2655914
Conc: 732.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



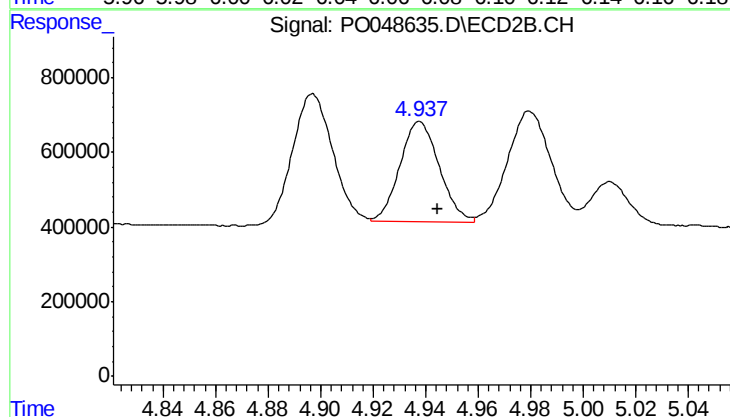
#17 AR-1242-2

R.T.: 4.897 min
Delta R.T.: -0.007 min
Response: 3479659
Conc: 636.14 ng/ml



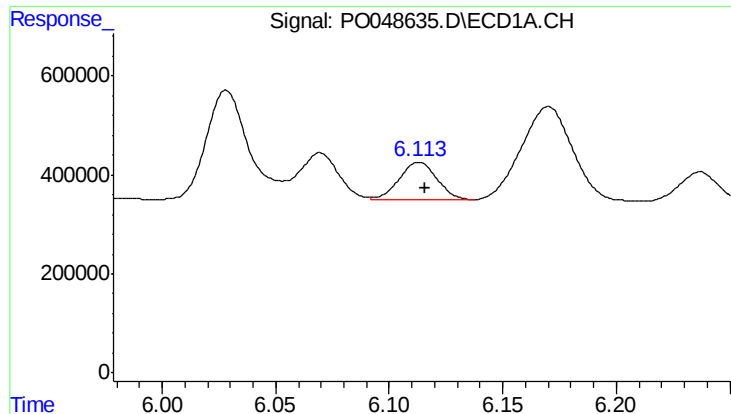
#18 AR-1242-3

R.T.: 6.070 min
Delta R.T.: -0.001 min
Response: 1168314
Conc: 677.06 ng/ml



#18 AR-1242-3

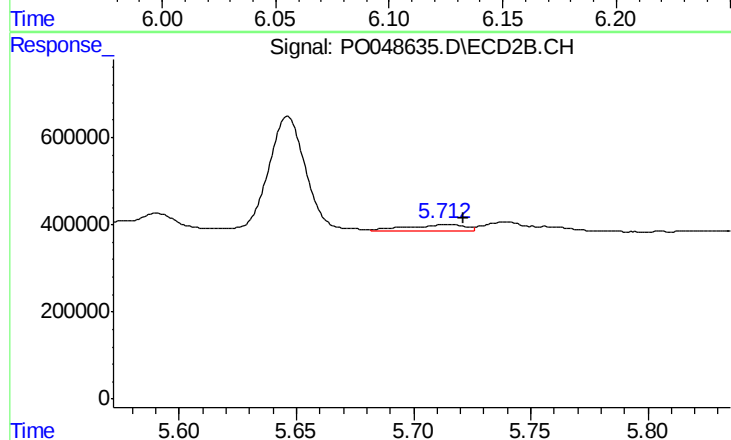
R.T.: 4.938 min
Delta R.T.: -0.007 min
Response: 2782830
Conc: 663.13 ng/ml



#19 AR-1242-4

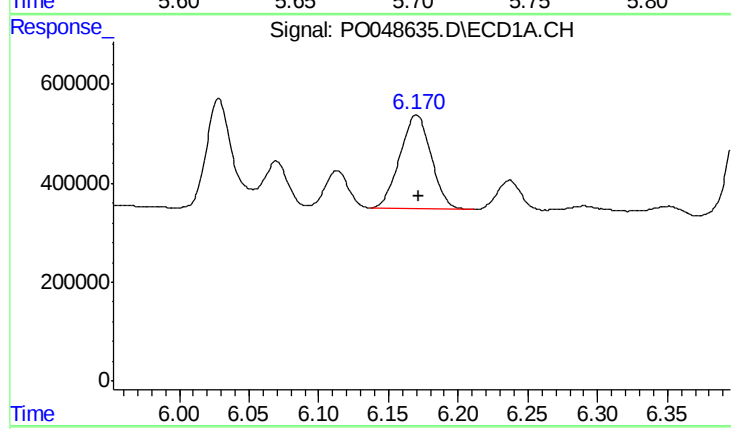
R.T.: 6.113 min
Delta R.T.: -0.003 min
Response: 895563
Conc: 694.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



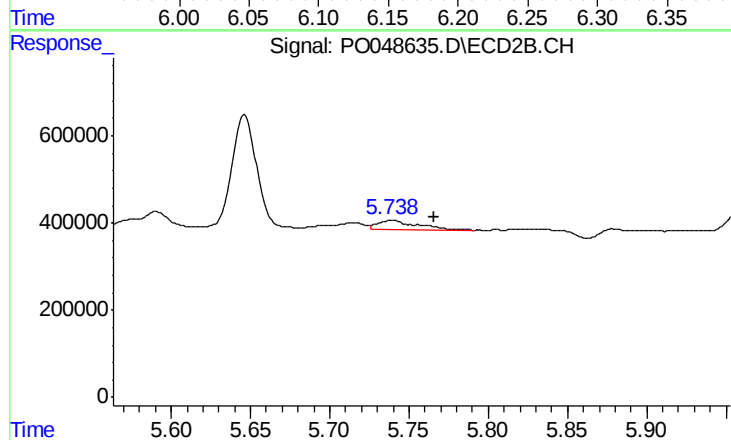
#19 AR-1242-4

R.T.: 5.714 min
Delta R.T.: -0.007 min
Response: 237241
Conc: 53.82 ng/ml



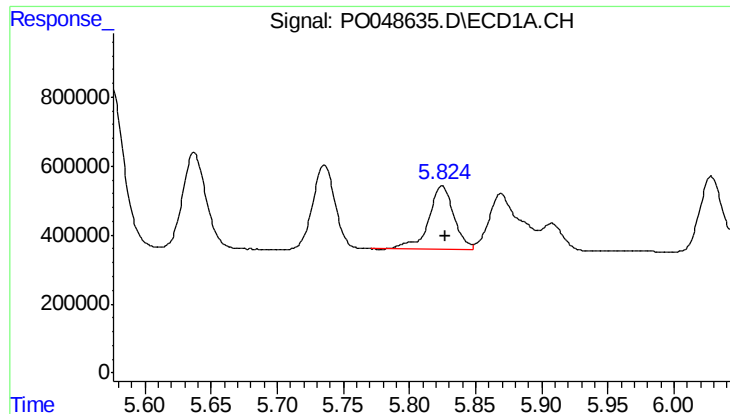
#20 AR-1242-5

R.T.: 6.170 min
Delta R.T.: -0.002 min
Response: 2996428
Conc: 670.54 ng/ml



#20 AR-1242-5

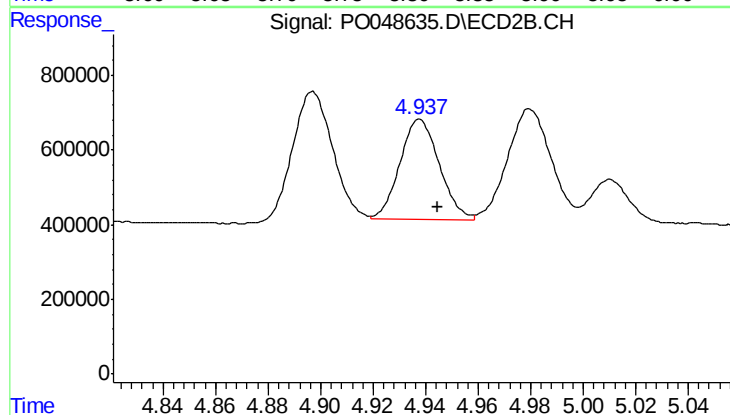
R.T.: 5.739 min
Delta R.T.: -0.027 min
Response: 355983
Conc: 96.84 ng/ml



#21 AR-1248-1

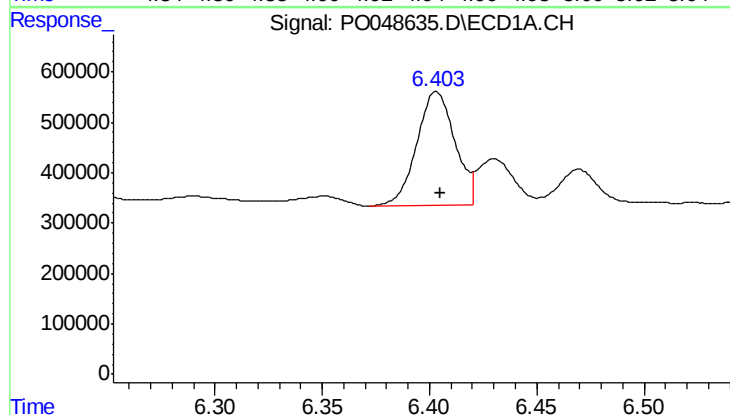
R.T.: 5.825 min
Delta R.T.: -0.002 min
Response: 2459716
Conc: 416.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



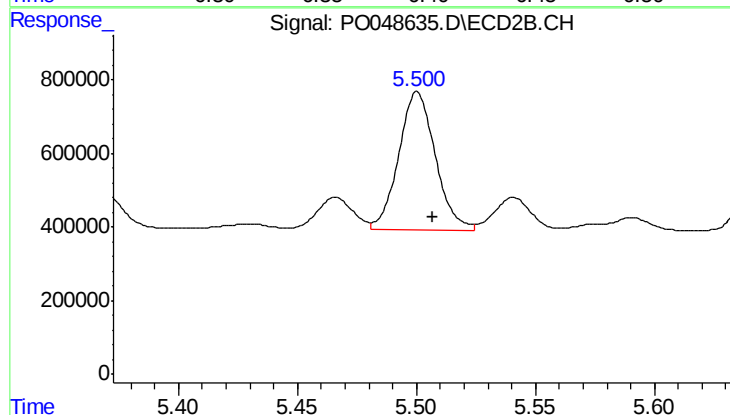
#21 AR-1248-1

R.T.: 4.938 min
Delta R.T.: -0.007 min
Response: 2782830
Conc: 367.22 ng/ml



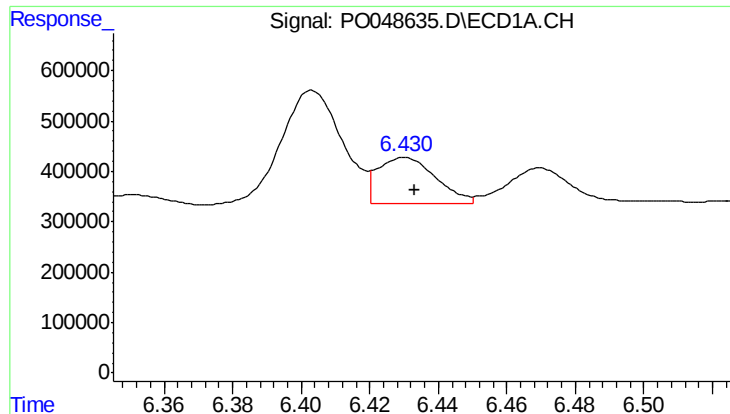
#22 AR-1248-2

R.T.: 6.403 min
Delta R.T.: -0.002 min
Response: 2794143
Conc: 480.74 ng/ml



#22 AR-1248-2

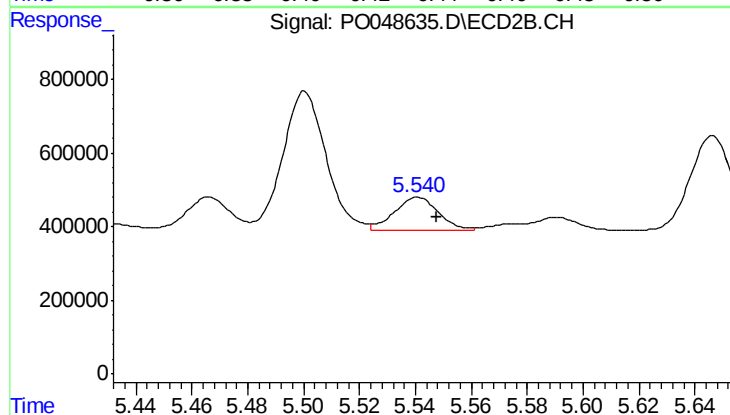
R.T.: 5.500 min
Delta R.T.: -0.006 min
Response: 4043939
Conc: 307.16 ng/ml



#23 AR-1248-3

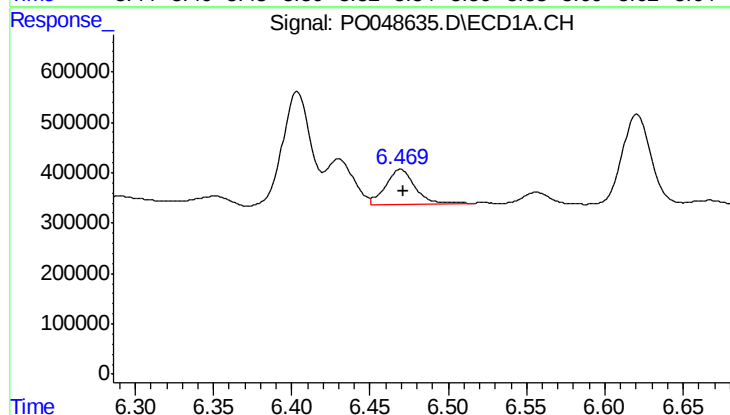
R.T.: 6.430 min
Delta R.T.: -0.003 min
Response: 1076080
Conc: 139.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



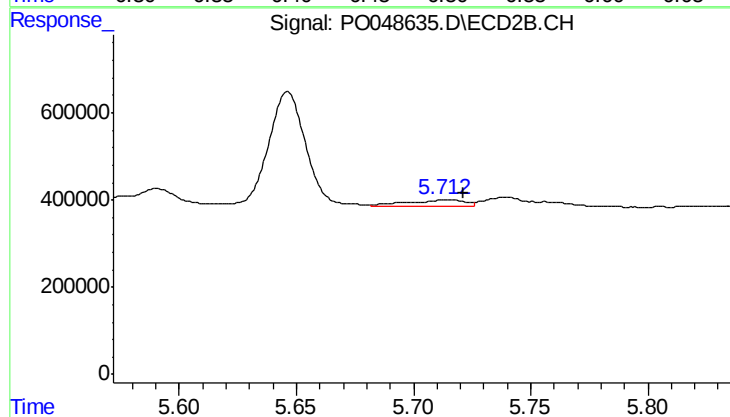
#23 AR-1248-3

R.T.: 5.541 min
Delta R.T.: -0.007 min
Response: 981020
Conc: 107.53 ng/ml



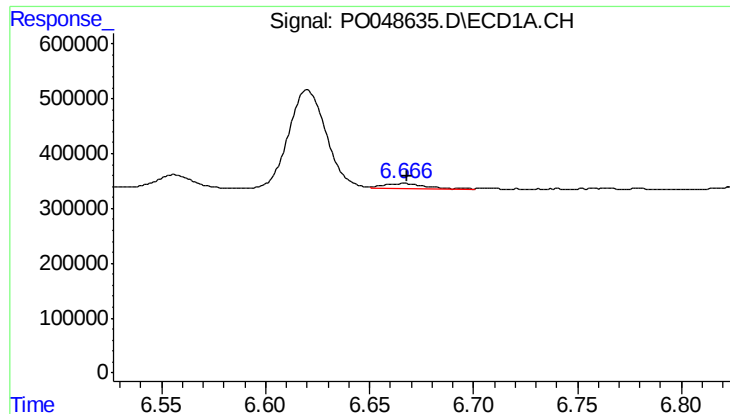
#24 AR-1248-4

R.T.: 6.470 min
Delta R.T.: -0.002 min
Response: 888698
Conc: 121.32 ng/ml



#24 AR-1248-4

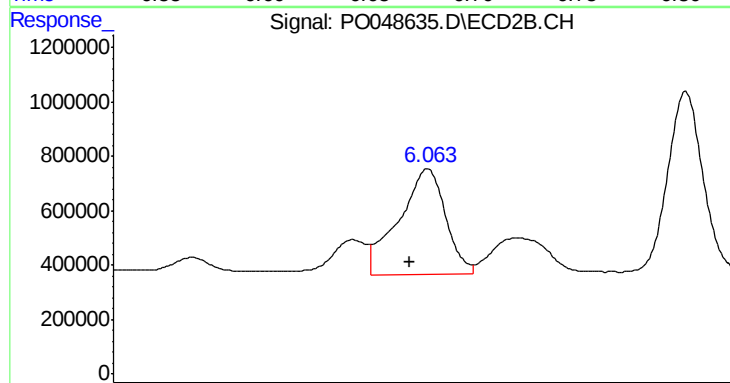
R.T.: 5.714 min
Delta R.T.: -0.007 min
Response: 237241
Conc: 30.06 ng/ml



#25 AR-1248-5

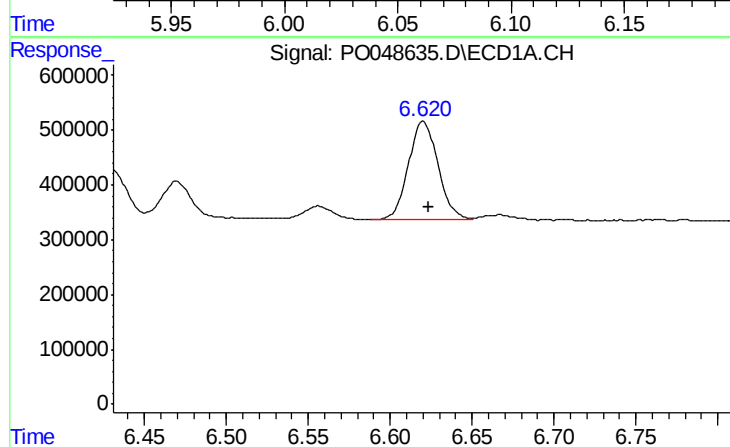
R.T.: 6.667 min
Delta R.T.: -0.001 min
Response: 125718
Conc: 25.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



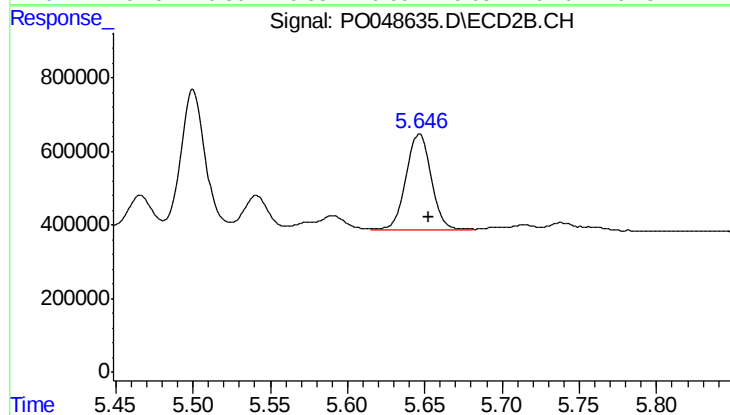
#25 AR-1248-5

R.T.: 6.063 min
Delta R.T.: 0.008 min
Response: 5602654
Conc: 934.70 ng/ml



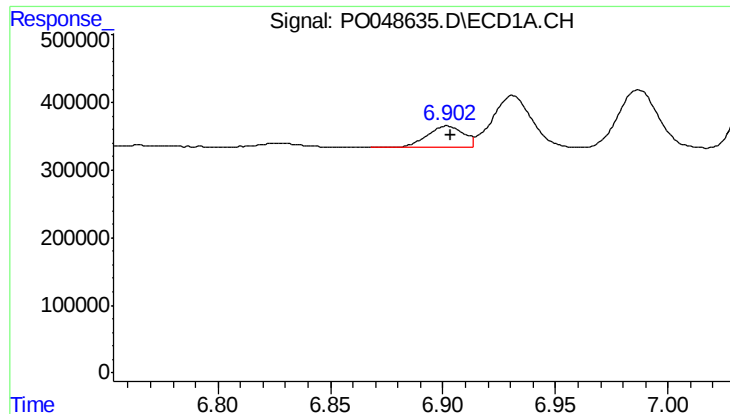
#26 AR-1254-1

R.T.: 6.620 min
Delta R.T.: -0.003 min
Response: 2265701
Conc: 166.90 ng/ml



#26 AR-1254-1

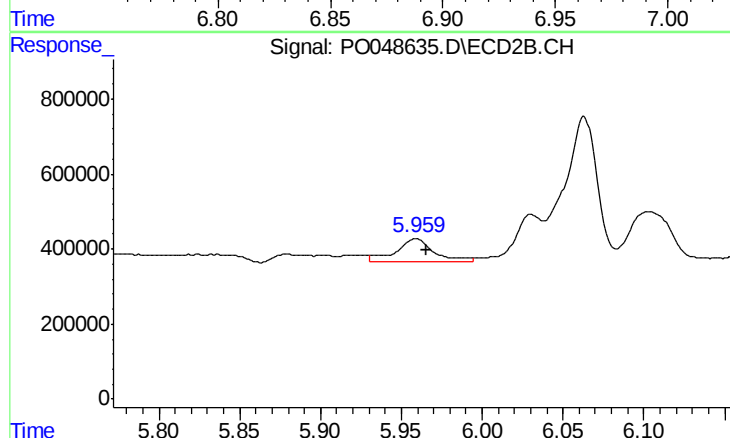
R.T.: 5.646 min
Delta R.T.: -0.006 min
Response: 2859180
Conc: 198.73 ng/ml



#27 AR-1254-2

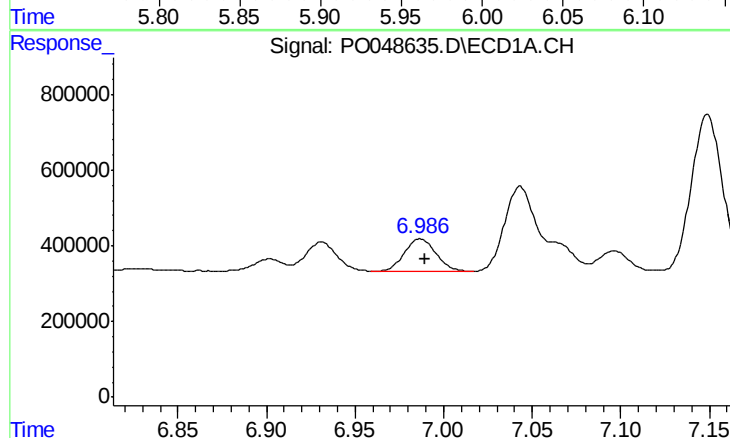
R.T.: 6.902 min
Delta R.T.: -0.002 min
Response: 363213
Conc: 44.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



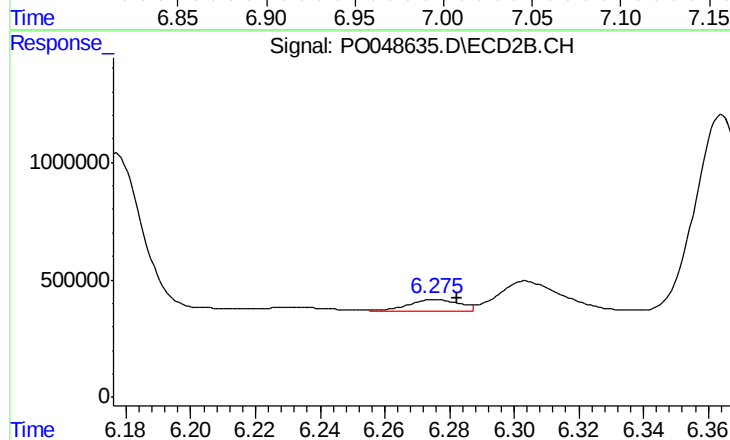
#27 AR-1254-2

R.T.: 5.959 min
Delta R.T.: -0.007 min
Response: 1045743
Conc: 90.29 ng/ml



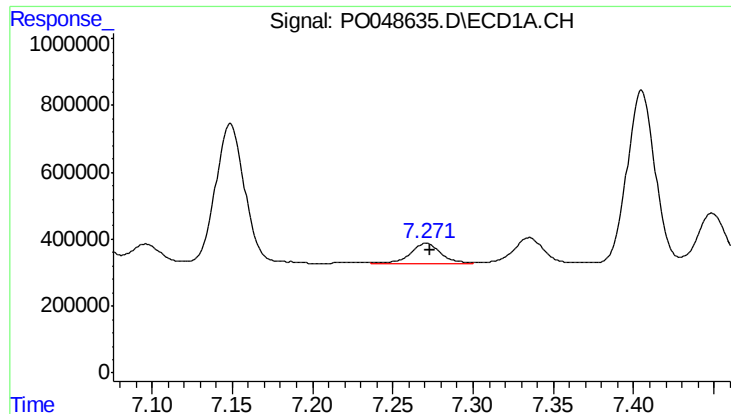
#28 AR-1254-3

R.T.: 6.987 min
Delta R.T.: -0.003 min
Response: 1099998
Conc: 76.66 ng/ml



#28 AR-1254-3

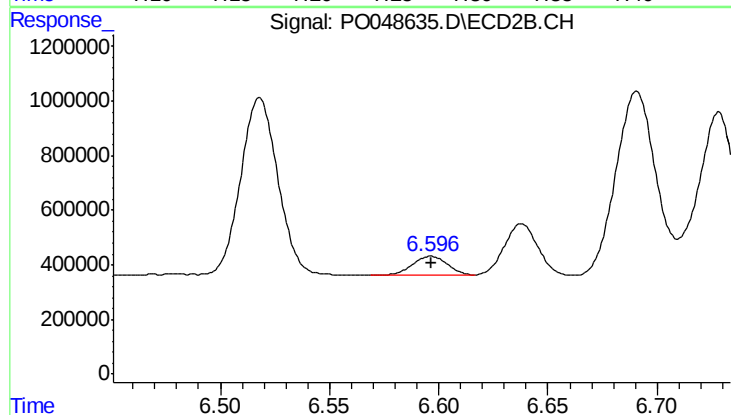
R.T.: 6.276 min
Delta R.T.: -0.006 min
Response: 523714
Conc: 35.75 ng/ml



#29 AR-1254-4

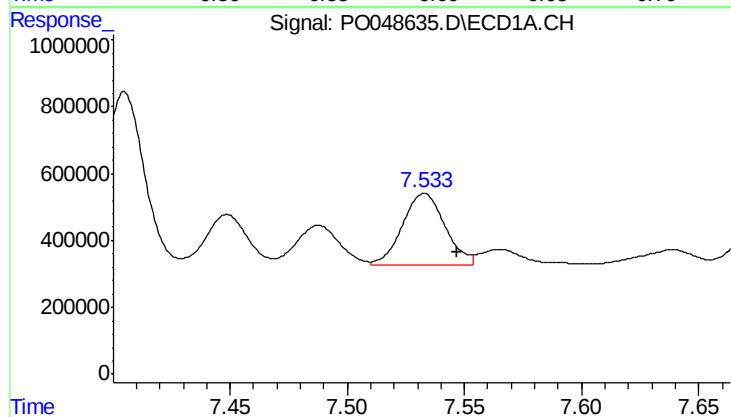
R.T.: 7.271 min
Delta R.T.: -0.003 min
Response: 781624
Conc: 71.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



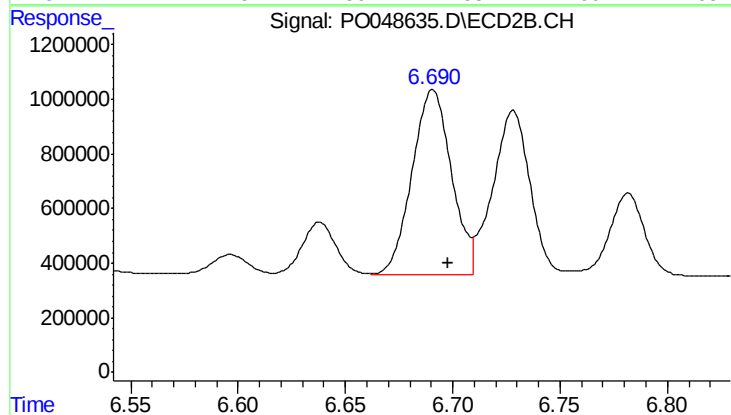
#29 AR-1254-4

R.T.: 6.596 min
Delta R.T.: 0.000 min
Response: 779658
Conc: 79.22 ng/ml



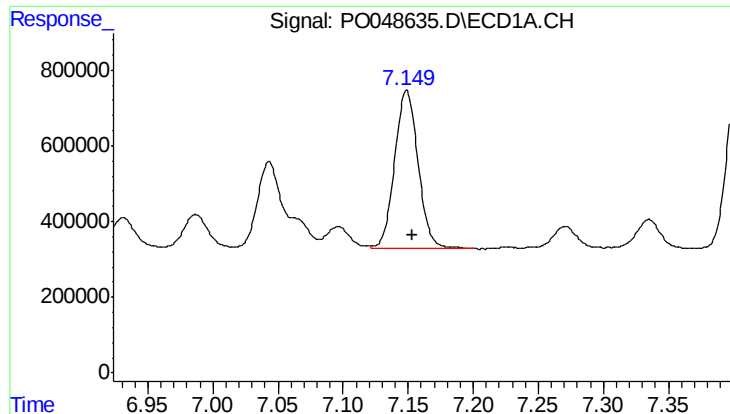
#30 AR-1254-5

R.T.: 7.533 min
Delta R.T.: -0.014 min
Response: 2707430
Conc: 332.21 ng/ml



#30 AR-1254-5

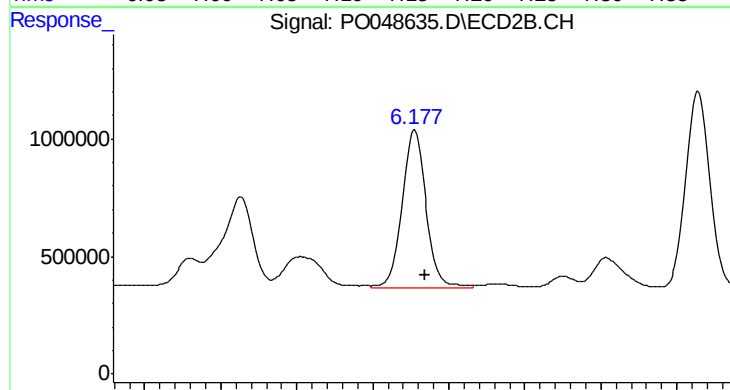
R.T.: 6.691 min
Delta R.T.: -0.007 min
Response: 8716983
Conc: 447.32 ng/ml



#31 AR-1260-1

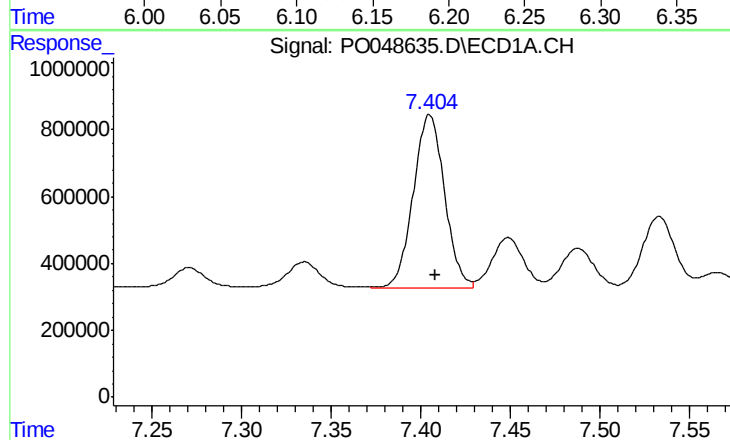
R.T.: 7.149 min
Delta R.T.: -0.004 min
Response: 5236189
Conc: 525.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



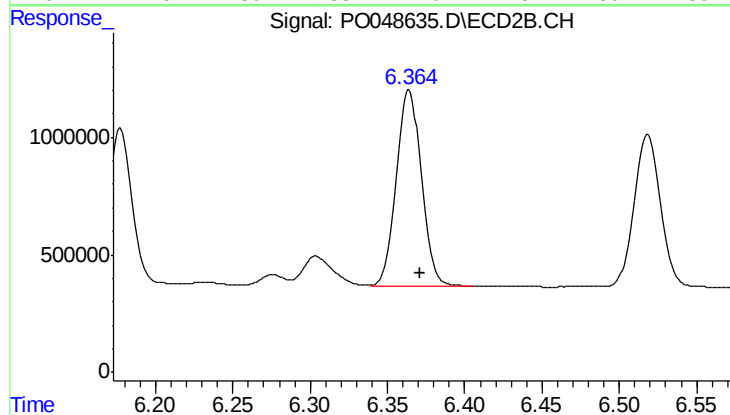
#31 AR-1260-1

R.T.: 6.177 min
Delta R.T.: -0.007 min
Response: 7469770
Conc: 539.39 ng/ml



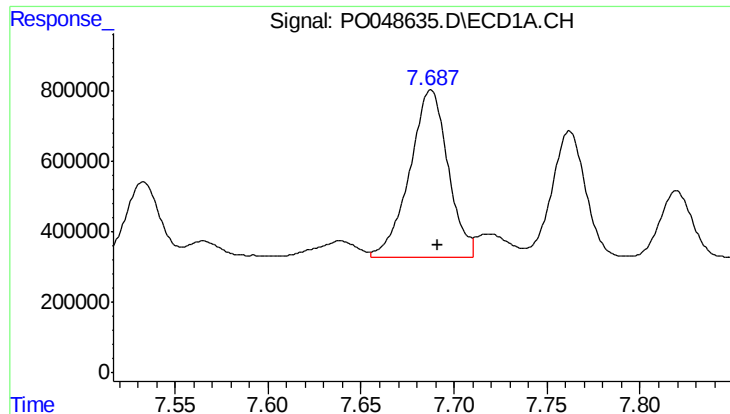
#32 AR-1260-2

R.T.: 7.405 min
Delta R.T.: -0.003 min
Response: 6291074
Conc: 525.17 ng/ml



#32 AR-1260-2

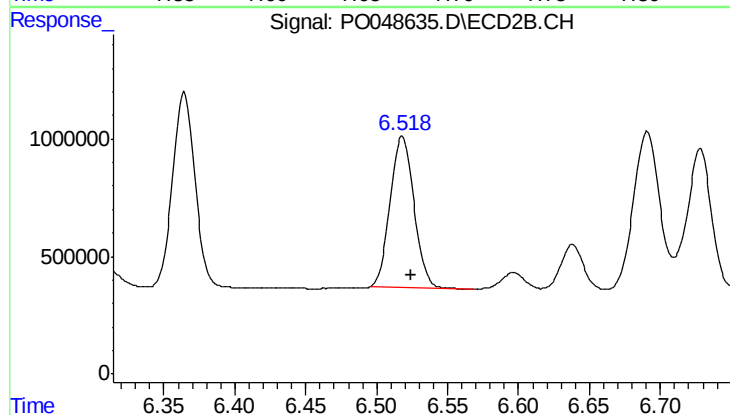
R.T.: 6.364 min
Delta R.T.: -0.007 min
Response: 9105273
Conc: 519.01 ng/ml



#33 AR-1260-3

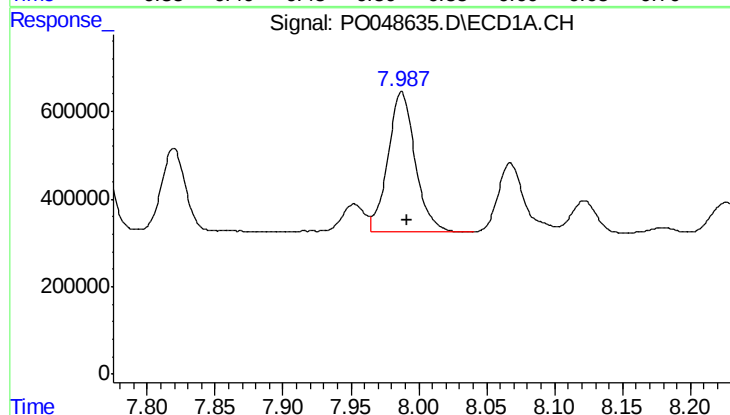
R.T.: 7.688 min
Delta R.T.: -0.004 min
Response: 6840462
Conc: 498.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



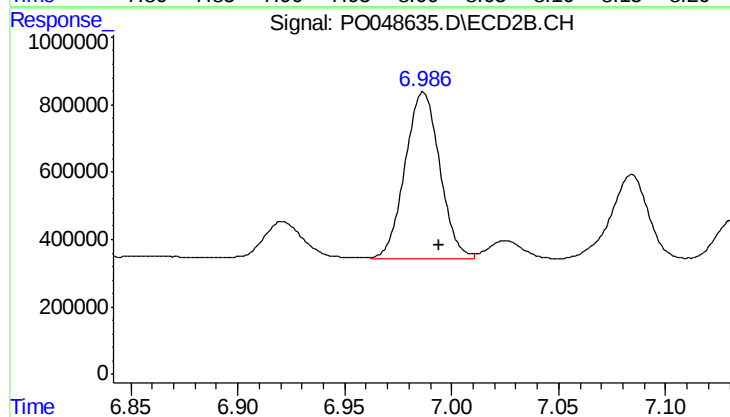
#33 AR-1260-3

R.T.: 6.518 min
Delta R.T.: -0.007 min
Response: 7481823
Conc: 487.95 ng/ml



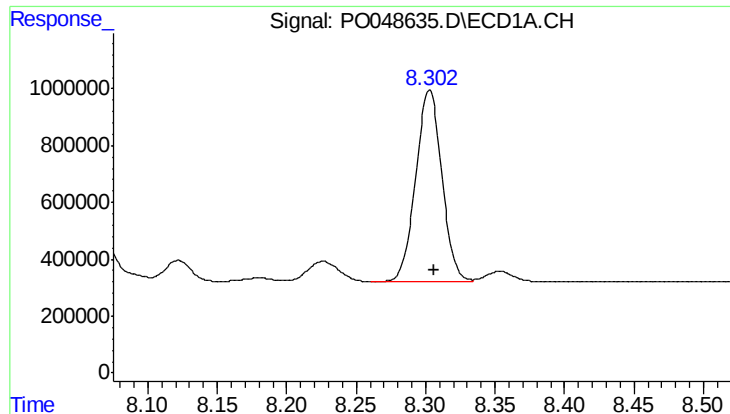
#34 AR-1260-4

R.T.: 7.987 min
Delta R.T.: -0.004 min
Response: 4483142
Conc: 452.81 ng/ml



#34 AR-1260-4

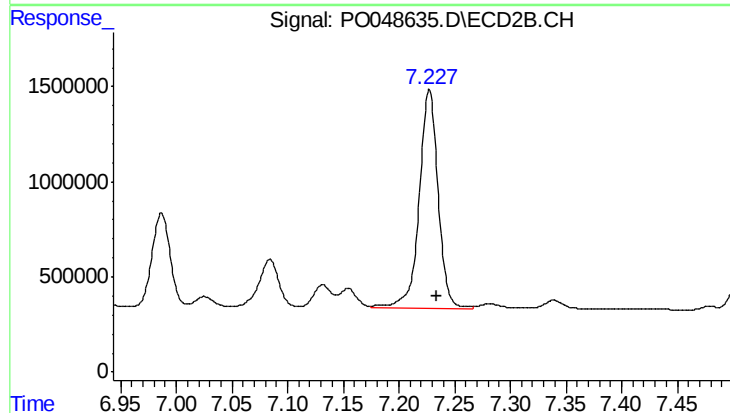
R.T.: 6.987 min
Delta R.T.: -0.007 min
Response: 5559338
Conc: 477.61 ng/ml



#35 AR-1260-5

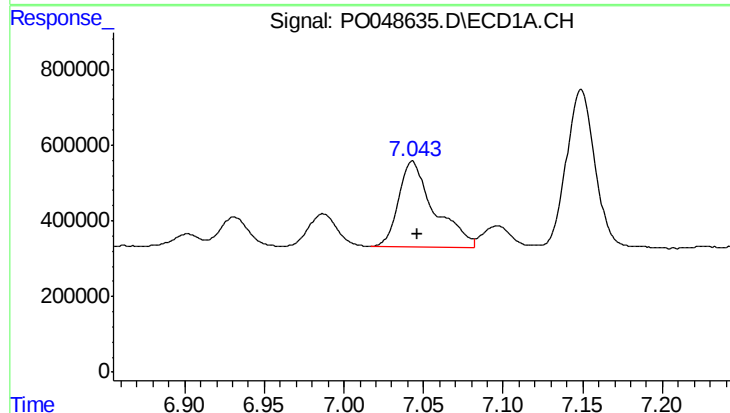
R.T.: 8.303 min
Delta R.T.: -0.003 min
Response: 8857579
Conc: 463.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



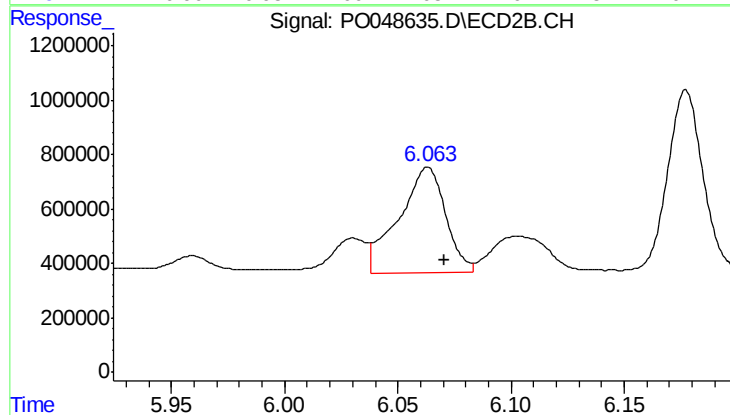
#35 AR-1260-5

R.T.: 7.227 min
Delta R.T.: -0.007 min
Response: 13559859
Conc: 500.76 ng/ml



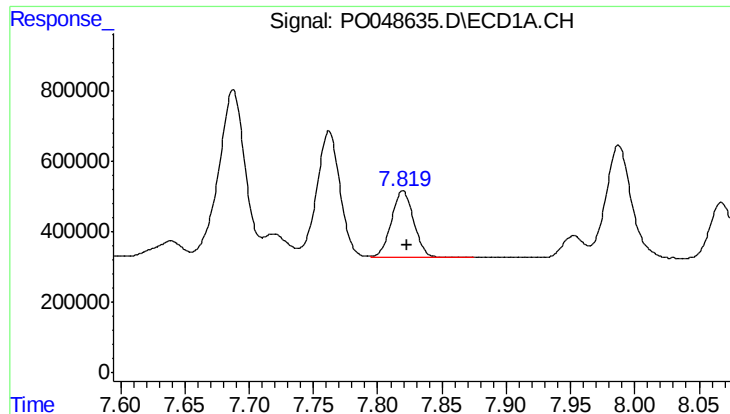
#36 AR-1262-1

R.T.: 7.043 min
Delta R.T.: -0.003 min
Response: 3523832
Conc: 451.20 ng/ml



#36 AR-1262-1

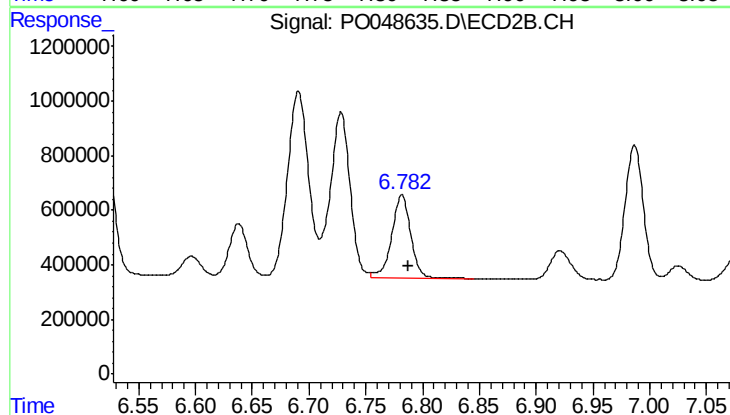
R.T.: 6.063 min
Delta R.T.: -0.007 min
Response: 5602654
Conc: 527.08 ng/ml



#37 AR-1262-2

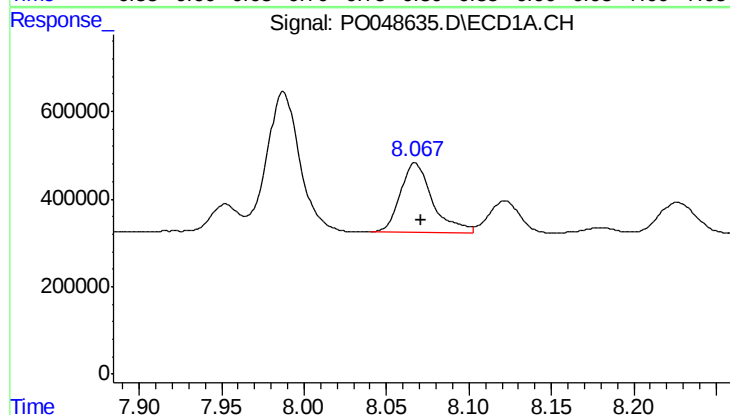
R.T.: 7.820 min
Delta R.T.: -0.003 min
Response: 2331326
Conc: 362.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



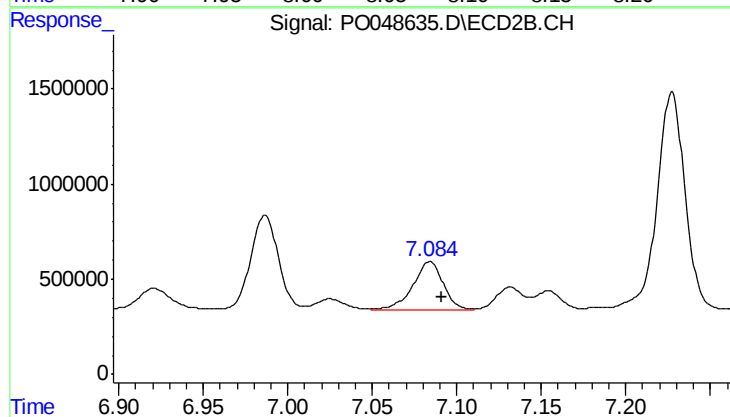
#37 AR-1262-2

R.T.: 6.782 min
Delta R.T.: -0.006 min
Response: 3579952
Conc: 374.50 ng/ml



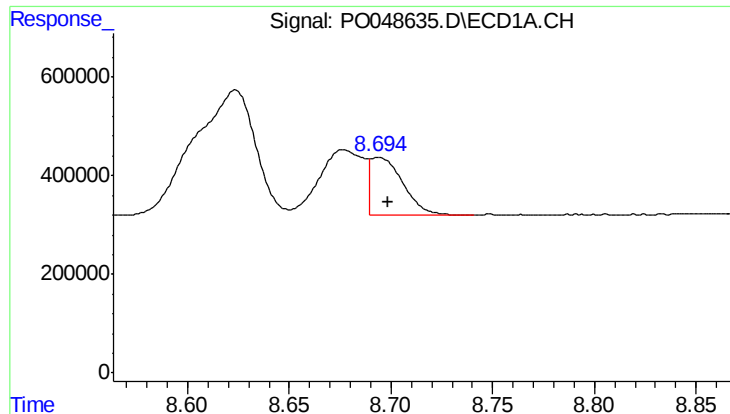
#38 AR-1262-3

R.T.: 8.067 min
Delta R.T.: -0.004 min
Response: 2174720
Conc: 314.97 ng/ml



#38 AR-1262-3

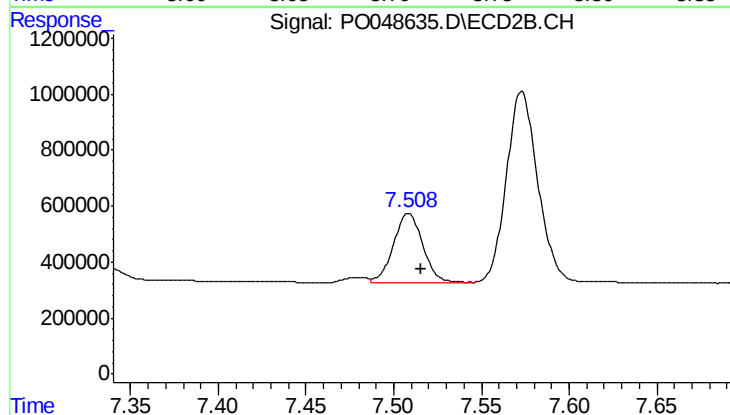
R.T.: 7.084 min
Delta R.T.: -0.007 min
Response: 3114456
Conc: 329.86 ng/ml



#39 AR-1262-4

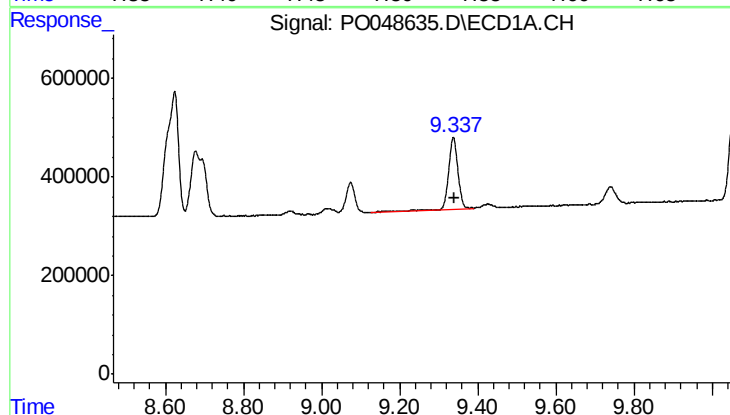
R.T.: 8.694 min
Delta R.T.: -0.005 min
Response: 1289066
Conc: 94.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



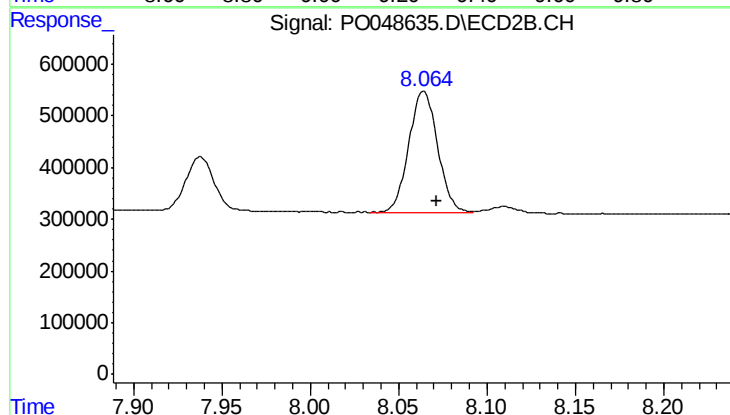
#39 AR-1262-4

R.T.: 7.509 min
Delta R.T.: -0.007 min
Response: 2896215
Conc: 215.22 ng/ml



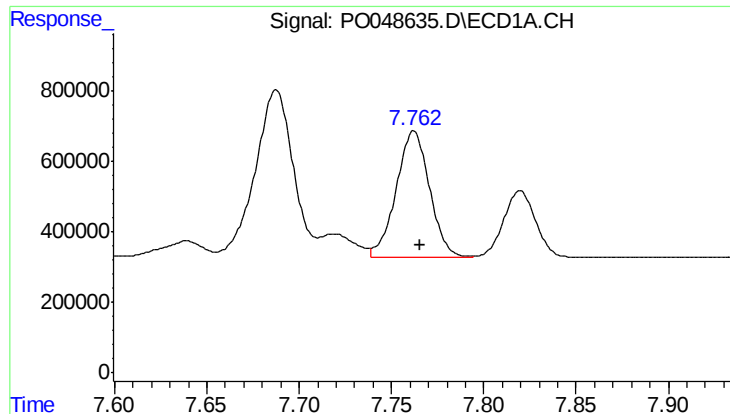
#40 AR-1262-5

R.T.: 9.338 min
Delta R.T.: -0.004 min
Response: 2431010
Conc: 262.92 ng/ml



#40 AR-1262-5

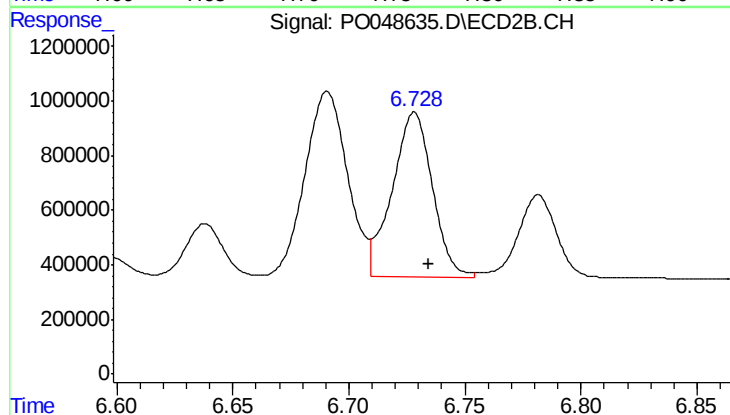
R.T.: 8.064 min
Delta R.T.: -0.007 min
Response: 2688984
Conc: 261.08 ng/ml



#41 AR-1268-1

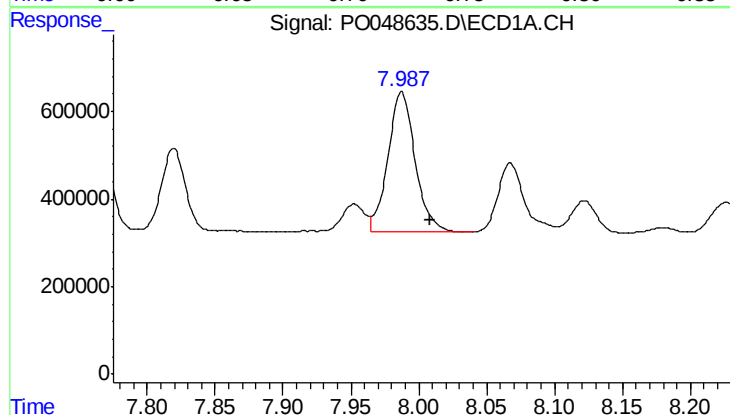
R.T.: 7.762 min
Delta R.T.: -0.003 min
Response: 4557930
Conc: 859.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



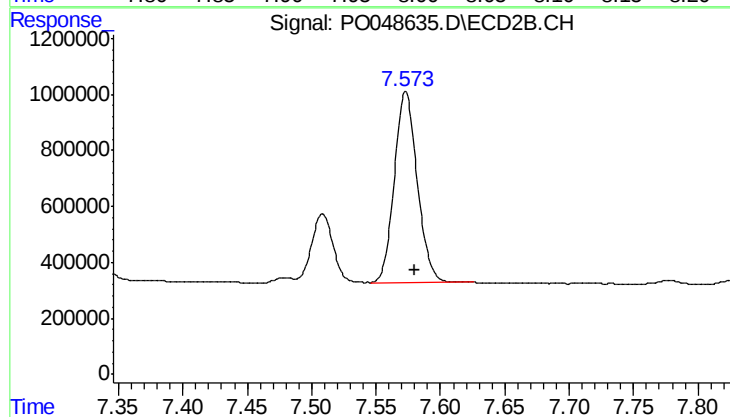
#41 AR-1268-1

R.T.: 6.728 min
Delta R.T.: -0.006 min
Response: 7337291
Conc: 948.56 ng/ml



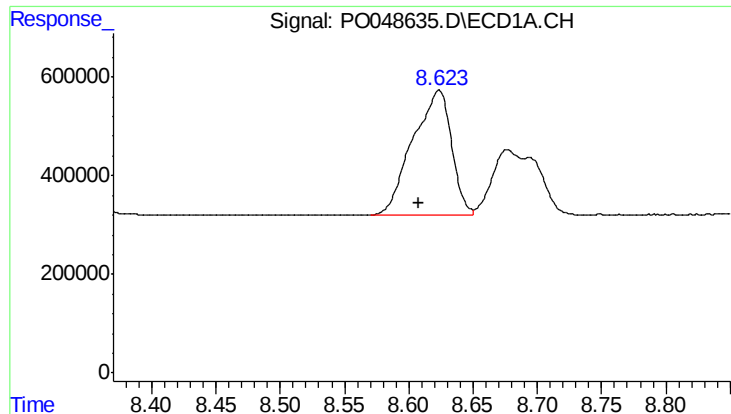
#42 AR-1268-2

R.T.: 7.987 min
Delta R.T.: -0.021 min
Response: 4483142
Conc: 656.53 ng/ml



#42 AR-1268-2

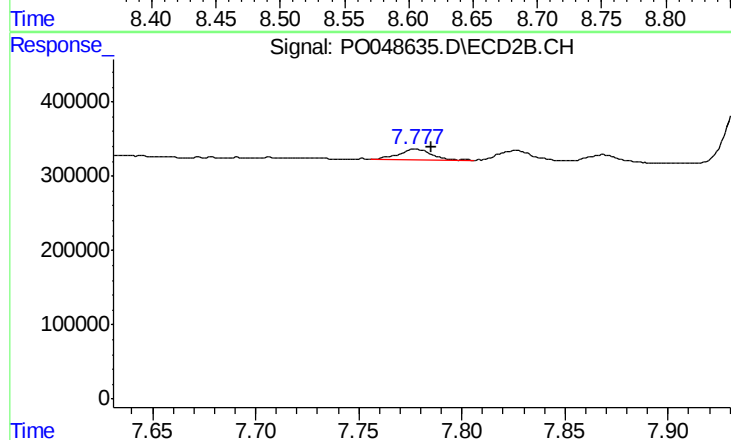
R.T.: 7.573 min
Delta R.T.: -0.007 min
Response: 8435311
Conc: 279.46 ng/ml



#43 AR-1268-3

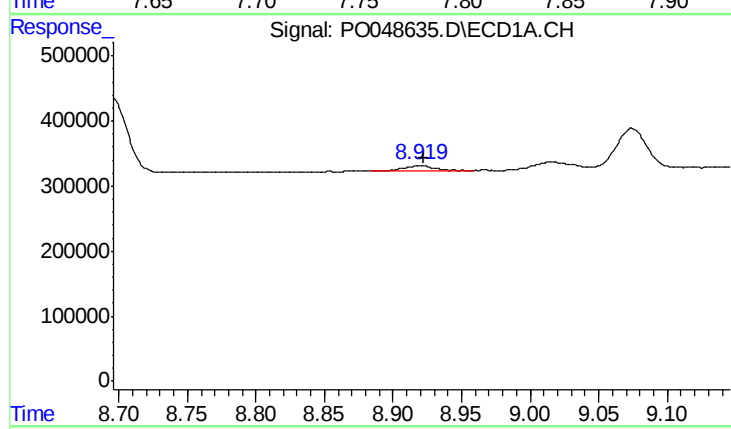
R.T.: 8.624 min
Delta R.T.: 0.015 min
Response: 5319272
Conc: 206.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



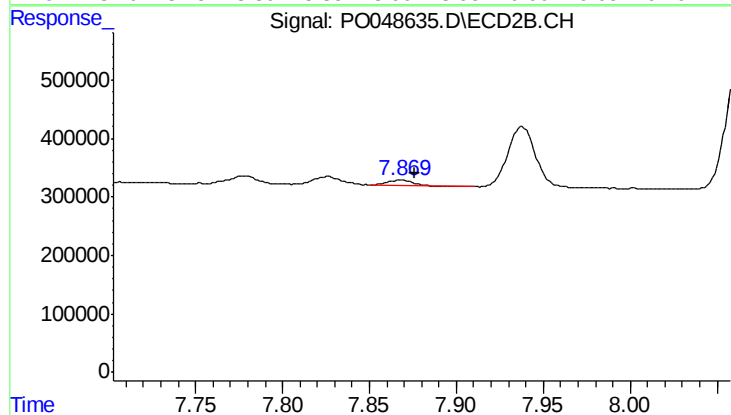
#43 AR-1268-3

R.T.: 7.778 min
Delta R.T.: -0.008 min
Response: 162743
Conc: 6.55 ng/ml



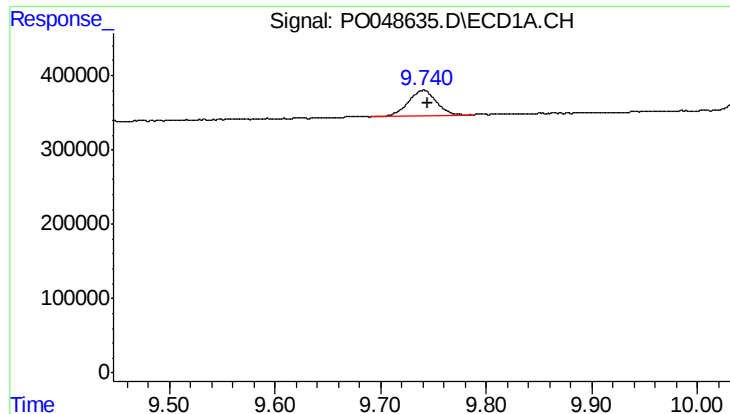
#44 AR-1268-4

R.T.: 8.919 min
Delta R.T.: -0.003 min
Response: 118541
Conc: 5.76 ng/ml



#44 AR-1268-4

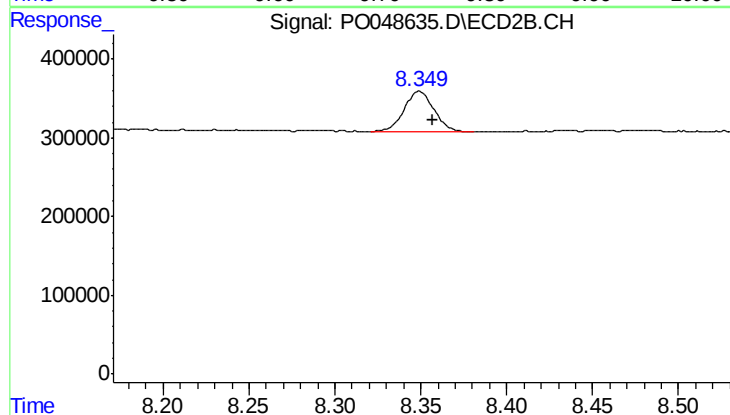
R.T.: 7.868 min
Delta R.T.: -0.008 min
Response: 73515
Conc: 11.24 ng/ml



#45 AR-1268-5

R.T.: 9.741 min
Delta R.T.: -0.004 min
Response: 645488
Conc: 10.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.349 min
Delta R.T.: -0.008 min
Response: 626218
Conc: 10.06 ng/ml