

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0071918\
 Data File : P0046894.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Jul 2018 23:56
 Operator : SM/SJ
 Sample : J4028-02MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 KY030LC068-W-180716MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 01:27:23 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071918.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 19 01:07:21 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...	4.192	3.517	4319716	4272570	15.032	13.997
2) SA Decachlor...	9.713	8.440	3123687	3505982	14.202	14.319
Target Compounds						
3) L1 AR-1016-1	5.075	4.367	1139838	1232047	177.302	169.742
4) L1 AR-1016-2	5.420	4.776	1494433	1415114	184.672	177.030
5) L1 AR-1016-3	5.518	4.816	1228264	1049274	179.809	181.612
6) L1 AR-1016-4	5.809	4.858	1164332	1278002	176.937	182.920
7) L1 AR-1016-5	5.948	5.027	1037261	1427219	144.052	183.250 #
8) L2 AR-1221-1	4.394	0.000	390860	0	105.685	N.D. #
9) L2 AR-1221-2	4.481	3.810	197248	456023	75.229	158.539 #
10) L2 AR-1221-3	4.554	3.886	849201	845086	100.575	93.910
11) L3 AR-1232-1	4.915	4.198	640488	758237	348.787	401.643
12) L3 AR-1232-2	5.338	4.584	1720861	1866647	445.092	419.763
13) L3 AR-1232-3	5.360	4.602	2445581	2534921	441.133	408.991
14) L3 AR-1232-4	5.420	4.657	1494433	1714504	434.460	403.414
15) L3 AR-1232-5	5.518	4.816	1228264	1049274	439.650	477.882
16) L4 AR-1242-1	5.360	4.602	2445581	2534921	214.642	205.738
17) L4 AR-1242-2	5.420	4.776	1494433	1415114	212.347	206.601
18) L4 AR-1242-3	5.518	4.858	1228264	1278002	208.353	203.100
19) L4 AR-1242-4	5.809	5.027	1164332	1427219	203.961	201.812
20) L4 AR-1242-5	5.948	5.173	1037261	985548	158.583	153.417
21) L5 AR-1248-1	5.809	5.027	1164332	1427219	128.824	130.759
22) L5 AR-1248-2	5.948	5.173	1037261	985548	127.354	119.866
23) L5 AR-1248-3	6.207	5.374	161666	1131468	15.319	69.944 #
24) L5 AR-1248-4	6.207	5.414	161666	170440	15.874	15.041
25) L5 AR-1248-5	6.400	5.934	935352	2024213	134.474	265.599 #
26) L6 AR-1254-1	6.400	5.374	935352	1131468	61.912	68.096
27) L6 AR-1254-2	6.676	5.520	185407	1072294	19.467	75.372 #
28) L6 AR-1254-3	6.761	5.934	553374	2024213	33.824	84.523 #
29) L6 AR-1254-4	7.044	6.146	345816	252481	28.196	15.410 #
30) L6 AR-1254-5	7.306	6.464	1169083	342671	126.199	30.165 #
31) L7 AR-1260-1	6.925	6.048	2140399	2812506	180.544	176.163
32) L7 AR-1260-2	7.180	6.234	2537645	3608035	181.504	171.537
33) L7 AR-1260-3	7.459	6.558	3022415	4111366	187.666	186.124
34) L7 AR-1260-4	8.063	7.094	3592217	6548440	157.812	177.116
35) L7 AR-1260-5	8.360	7.438	2307890	4223062	162.907	166.473
36) L8 AR-1262-1	6.925	6.234	2140399	3608035	208.046	204.359
37) L8 AR-1262-2	7.180	6.386	2537645	3258258	212.396	195.572
38) L8 AR-1262-3	7.537	6.596	1604738	2765386	103.678	109.829

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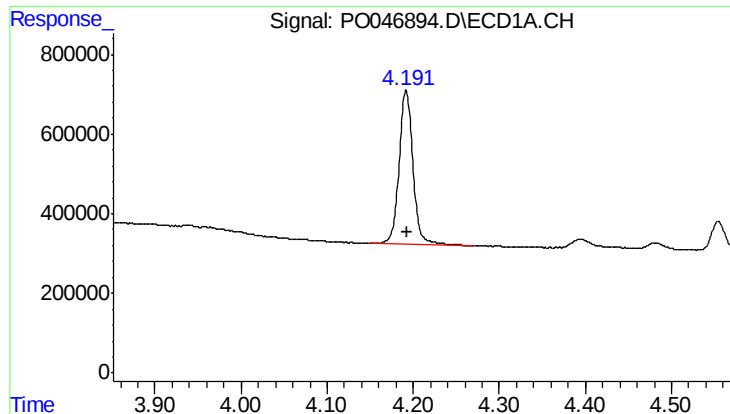
Instrument :
 ECD_O
 ClientSampleId :
 KY030LC068-W-180716MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 01:27:23 2018
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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	
39)	L8 AR-1262-4	7.760	6.853	1968991	2019342	135.705	99.094	#
40)	L8 AR-1262-5	8.063	7.094	3592217	6548440	132.299	145.307	
41)	L9 AR-1268-1	8.360	7.374	2307890	1193907	82.655	27.449	#
42)	L9 AR-1268-2	8.433	7.438	620411	4223062	23.839	105.123	#
44)	L9 AR-1268-4	9.031	7.929	907558	1202100	92.394	88.360	
45)	L9 AR-1268-5	9.407	8.202	282992	381918	4.255	4.376	

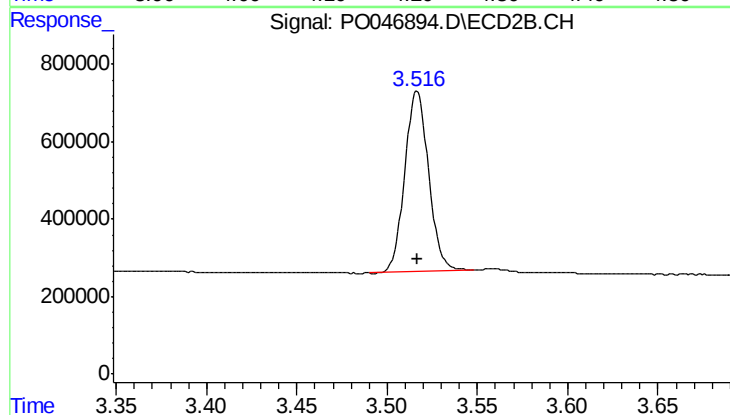
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

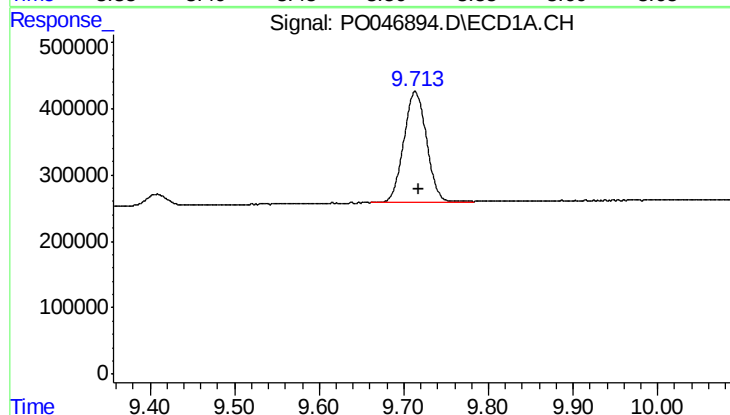
R.T.: 4.192 min
Delta R.T.: -0.001 min
Response: 4319716
Conc: 15.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MS



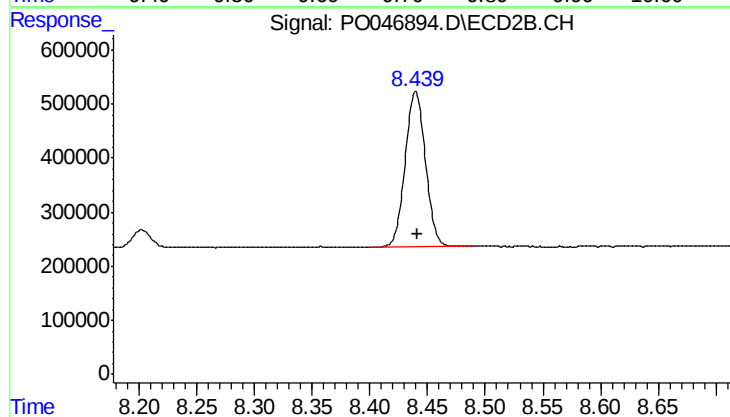
#1 Tetrachloro-m-xylene

R.T.: 3.517 min
Delta R.T.: 0.000 min
Response: 4272570
Conc: 14.00 ng/ml



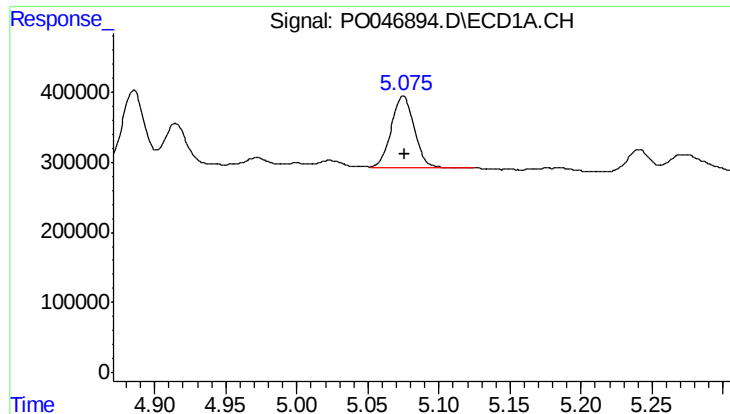
#2 Decachlorobiphenyl

R.T.: 9.713 min
Delta R.T.: -0.004 min
Response: 3123687
Conc: 14.20 ng/ml



#2 Decachlorobiphenyl

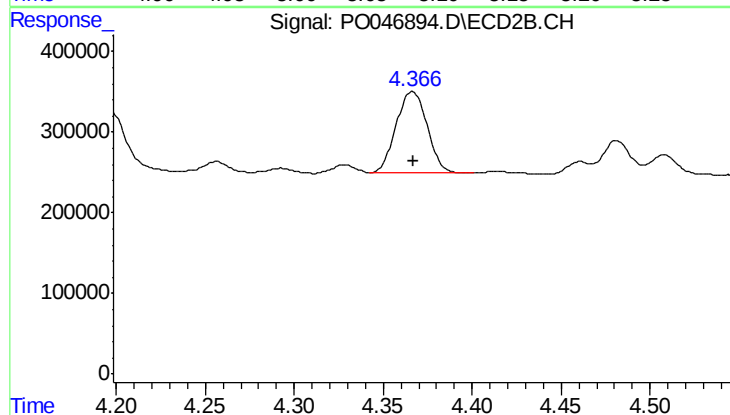
R.T.: 8.440 min
Delta R.T.: -0.002 min
Response: 3505982
Conc: 14.32 ng/ml



#3 AR-1016-1

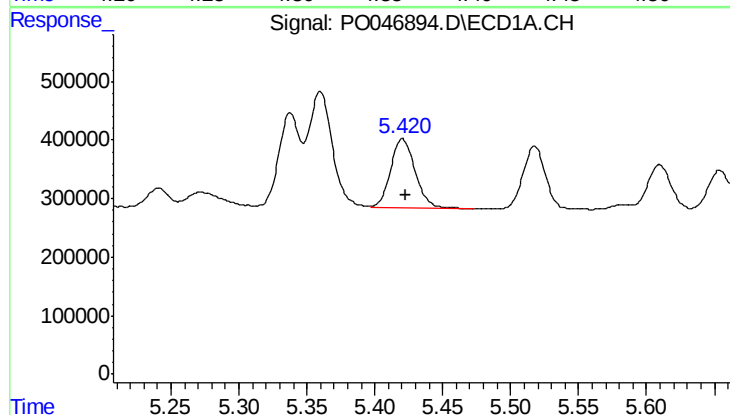
R.T.: 5.075 min
Delta R.T.: 0.000 min
Response: 1139838
Conc: 177.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MS



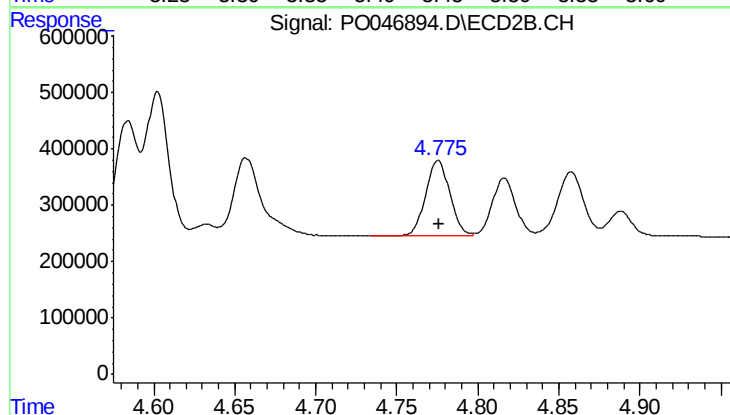
#3 AR-1016-1

R.T.: 4.367 min
Delta R.T.: 0.000 min
Response: 1232047
Conc: 169.74 ng/ml



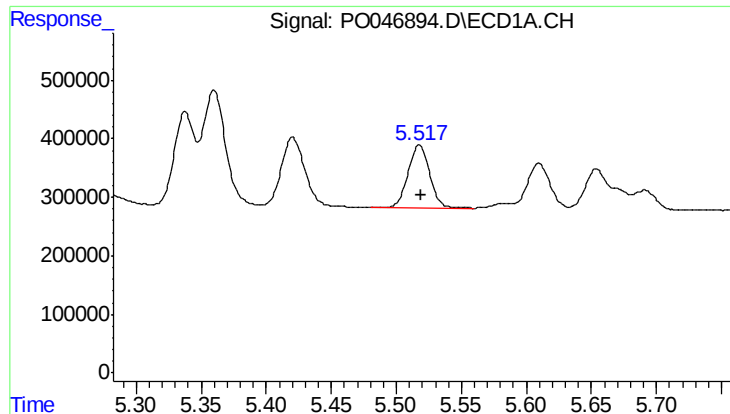
#4 AR-1016-2

R.T.: 5.420 min
Delta R.T.: -0.002 min
Response: 1494433
Conc: 184.67 ng/ml



#4 AR-1016-2

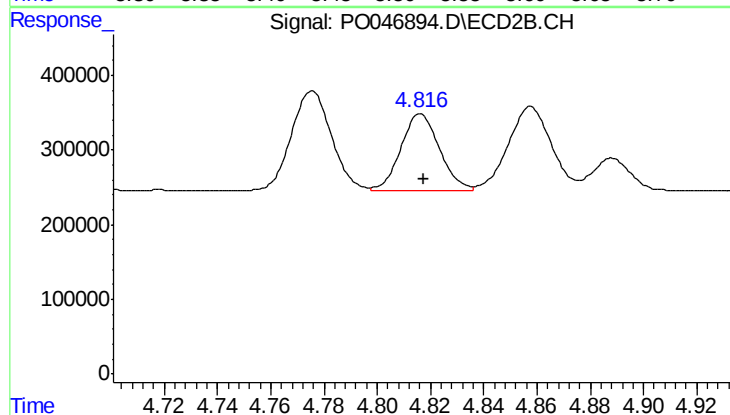
R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 1415114
Conc: 177.03 ng/ml



#5 AR-1016-3

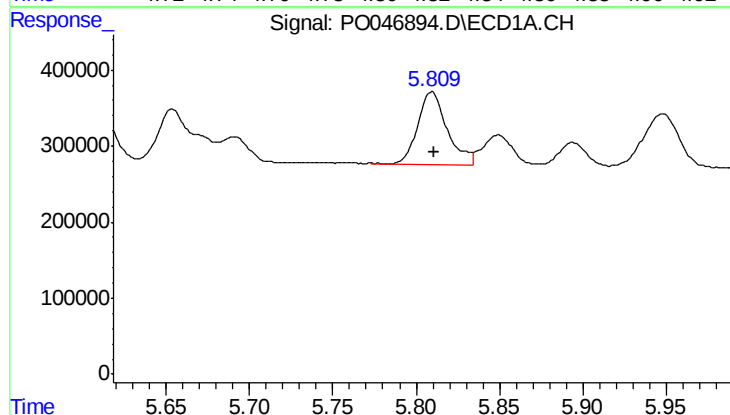
R.T.: 5.518 min
Delta R.T.: -0.001 min
Response: 1228264
Conc: 179.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MS



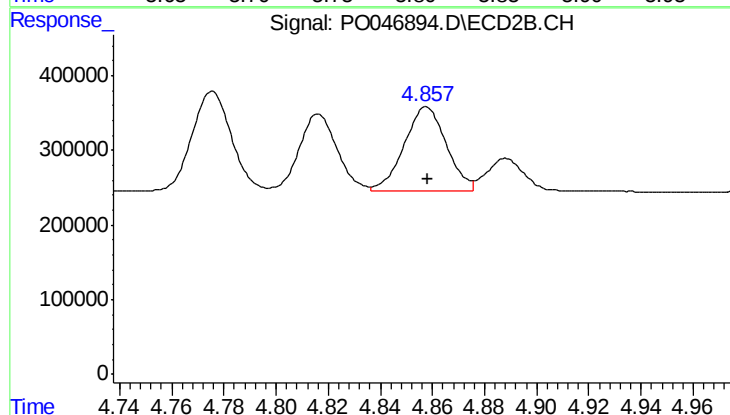
#5 AR-1016-3

R.T.: 4.816 min
Delta R.T.: -0.001 min
Response: 1049274
Conc: 181.61 ng/ml



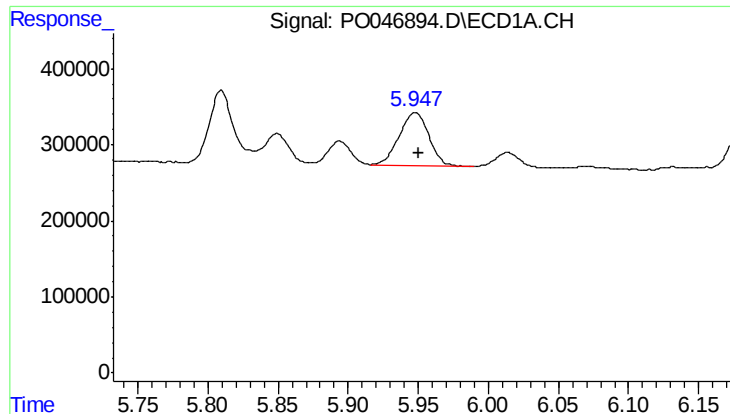
#6 AR-1016-4

R.T.: 5.809 min
Delta R.T.: -0.001 min
Response: 1164332
Conc: 176.94 ng/ml



#6 AR-1016-4

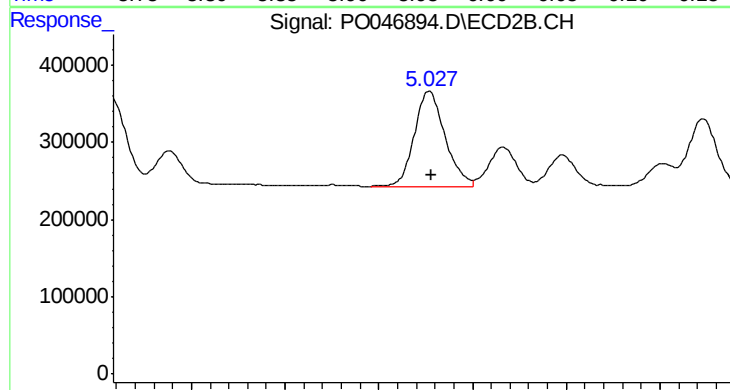
R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 1278002
Conc: 182.92 ng/ml



#7 AR-1016-5

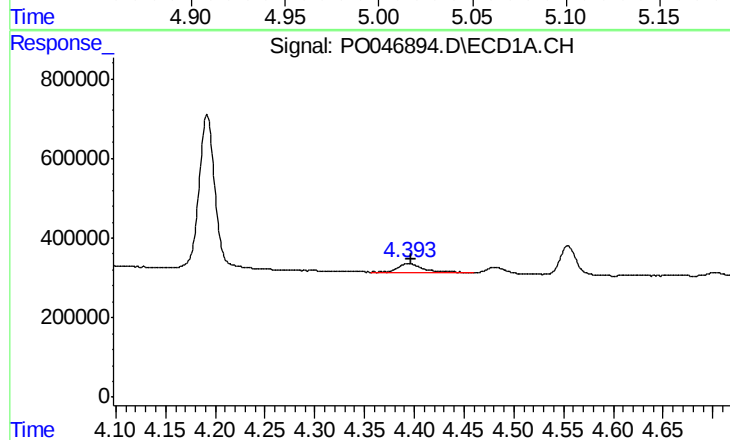
R.T.: 5.948 min
Delta R.T.: -0.002 min
Response: 1037261
Conc: 144.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MS



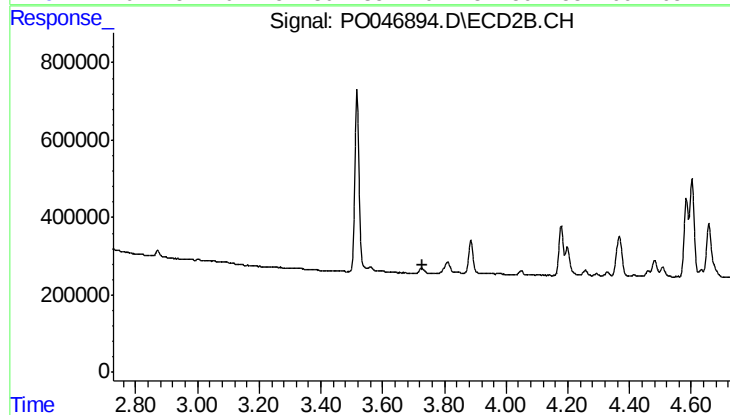
#7 AR-1016-5

R.T.: 5.027 min
Delta R.T.: 0.000 min
Response: 1427219
Conc: 183.25 ng/ml



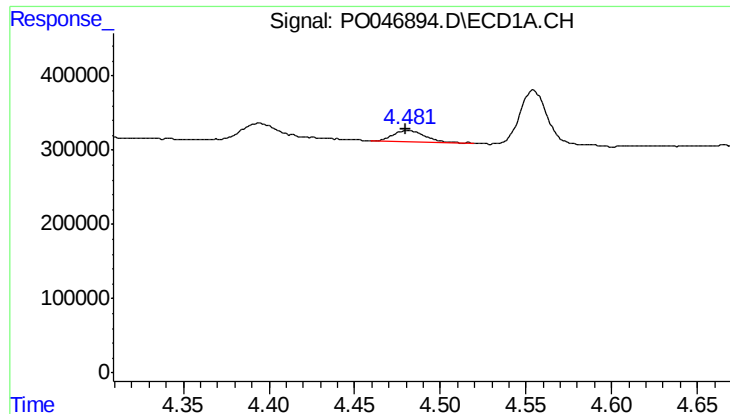
#8 AR-1221-1

R.T.: 4.394 min
Delta R.T.: -0.002 min
Response: 390860
Conc: 105.68 ng/ml



#8 AR-1221-1

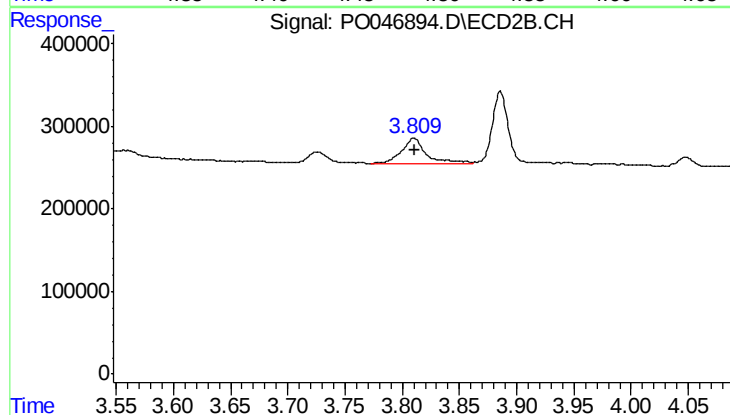
R.T.: 0.000 min
Exp R.T.: 3.727 min
Response: 0
Conc: N.D.



#9 AR-1221-2

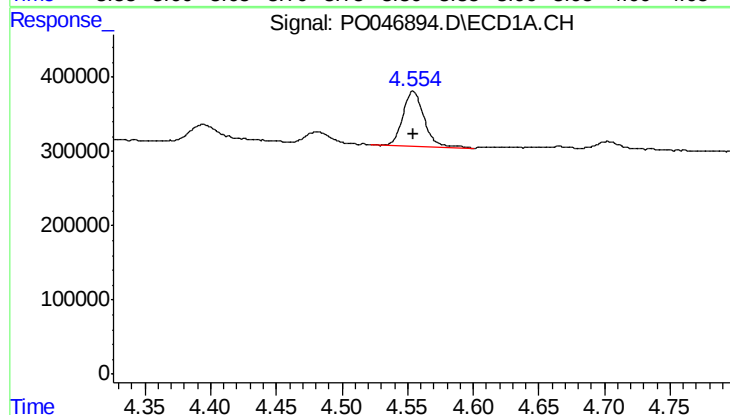
R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 197248
Conc: 75.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MS



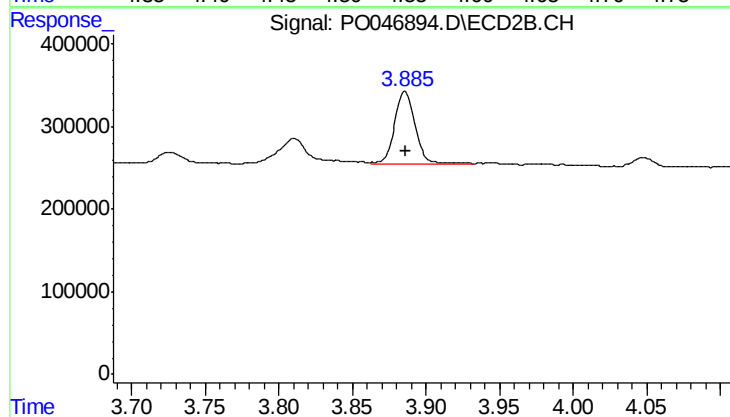
#9 AR-1221-2

R.T.: 3.810 min
Delta R.T.: -0.001 min
Response: 456023
Conc: 158.54 ng/ml



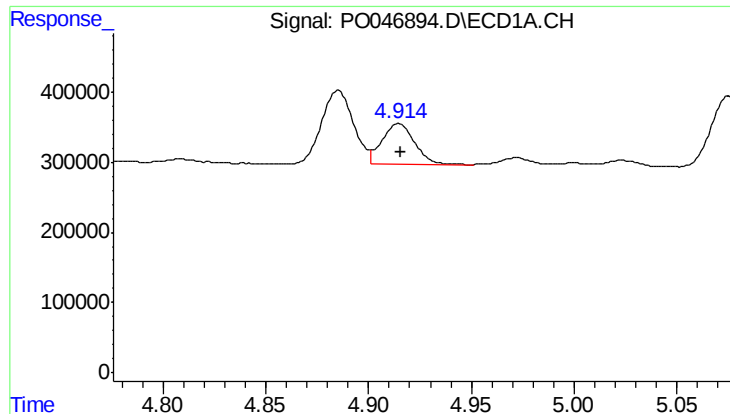
#10 AR-1221-3

R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 849201
Conc: 100.58 ng/ml



#10 AR-1221-3

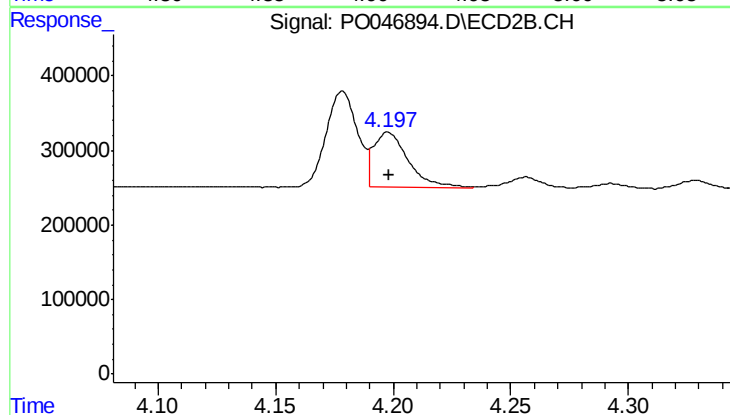
R.T.: 3.886 min
Delta R.T.: 0.000 min
Response: 845086
Conc: 93.91 ng/ml



#11 AR-1232-1

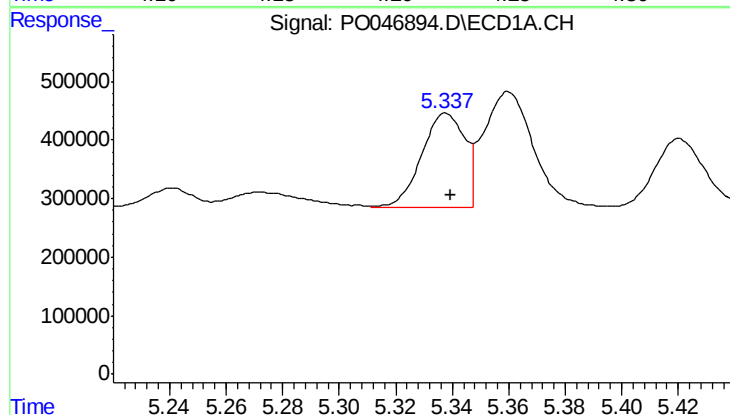
R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 640488
Conc: 348.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MS



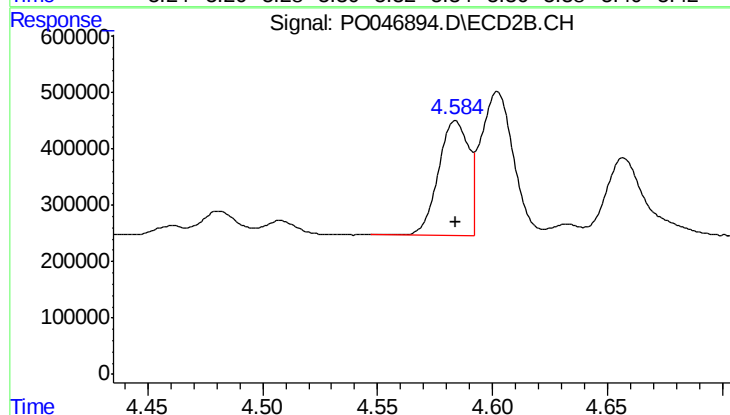
#11 AR-1232-1

R.T.: 4.198 min
Delta R.T.: 0.000 min
Response: 758237
Conc: 401.64 ng/ml



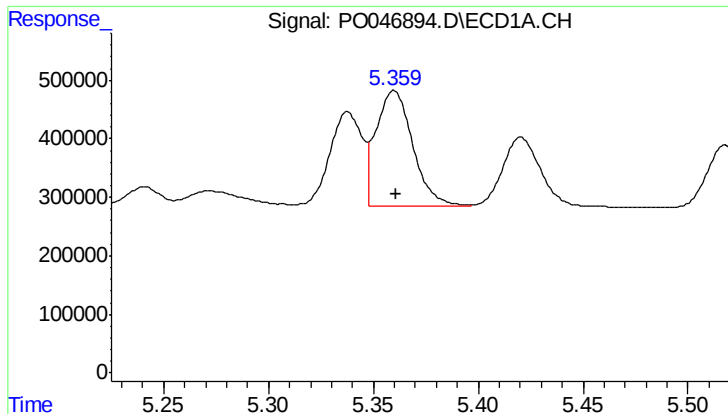
#12 AR-1232-2

R.T.: 5.338 min
Delta R.T.: -0.001 min
Response: 1720861
Conc: 445.09 ng/ml



#12 AR-1232-2

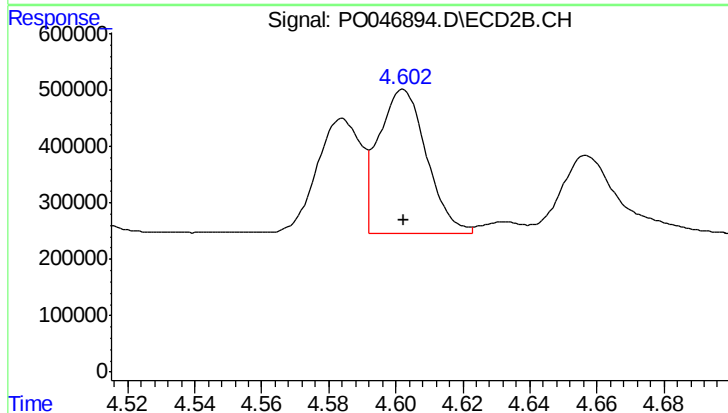
R.T.: 4.584 min
Delta R.T.: 0.000 min
Response: 1866647
Conc: 419.76 ng/ml



#13 AR-1232-3

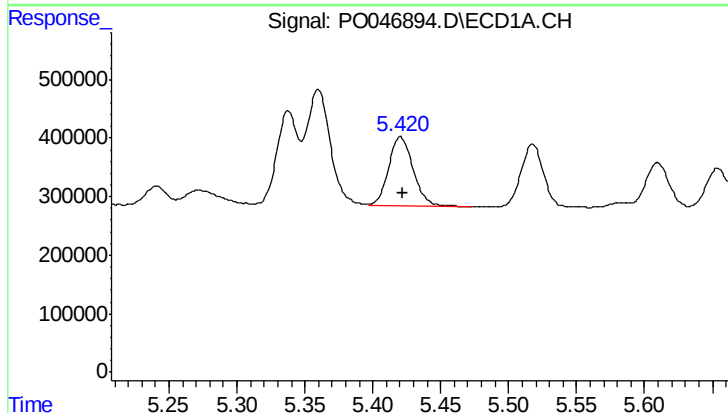
R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 2445581
Conc: 441.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
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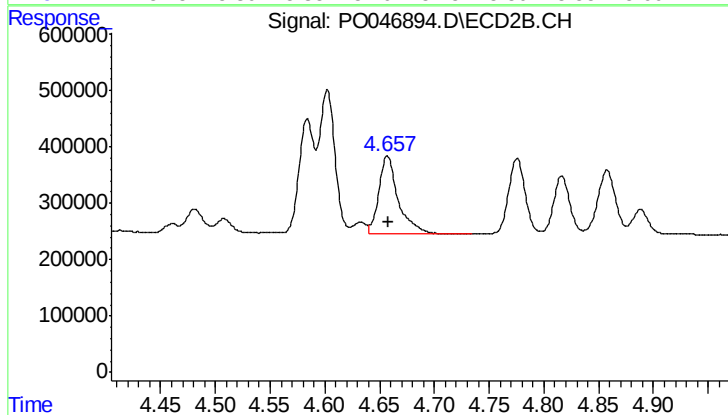
#13 AR-1232-3

R.T.: 4.602 min
Delta R.T.: 0.000 min
Response: 2534921
Conc: 408.99 ng/ml



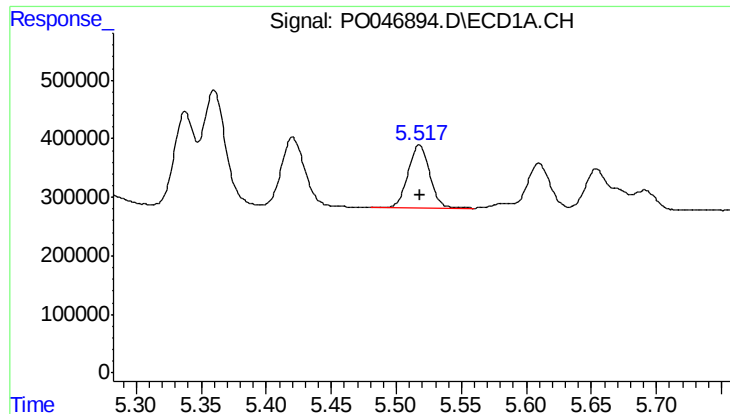
#14 AR-1232-4

R.T.: 5.420 min
Delta R.T.: -0.002 min
Response: 1494433
Conc: 434.46 ng/ml



#14 AR-1232-4

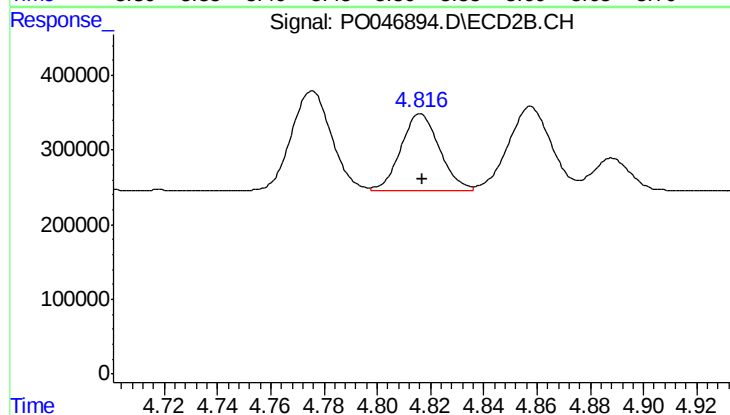
R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 1714504
Conc: 403.41 ng/ml



#15 AR-1232-5

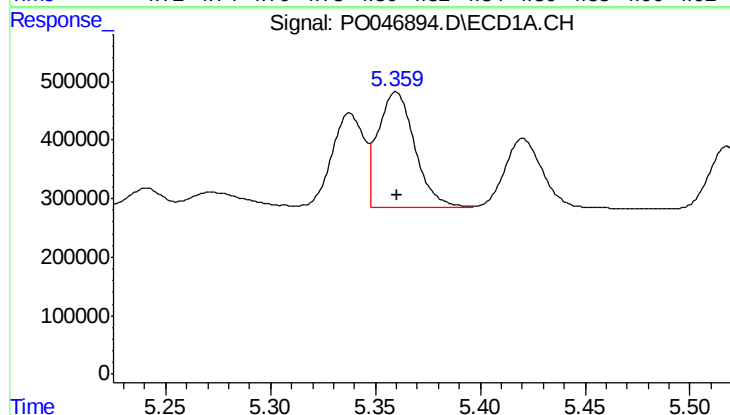
R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 1228264
Conc: 439.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MS



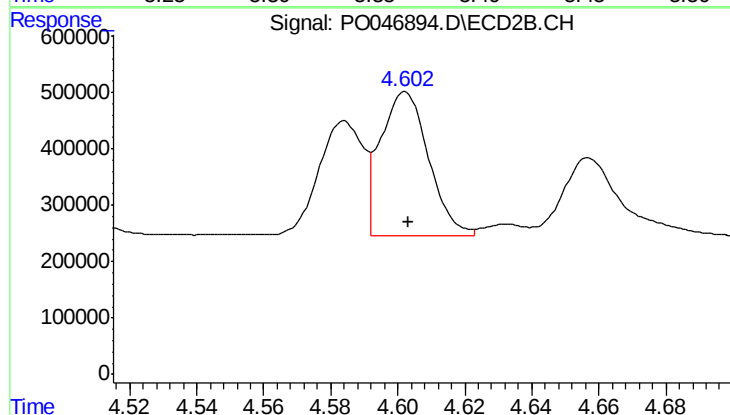
#15 AR-1232-5

R.T.: 4.816 min
Delta R.T.: 0.000 min
Response: 1049274
Conc: 477.88 ng/ml



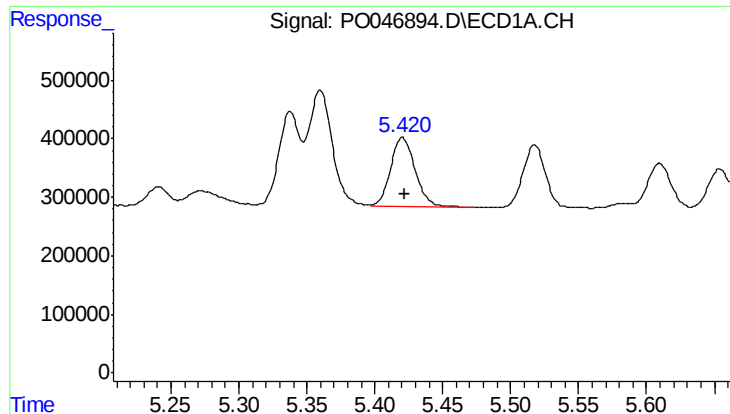
#16 AR-1242-1

R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 2445581
Conc: 214.64 ng/ml



#16 AR-1242-1

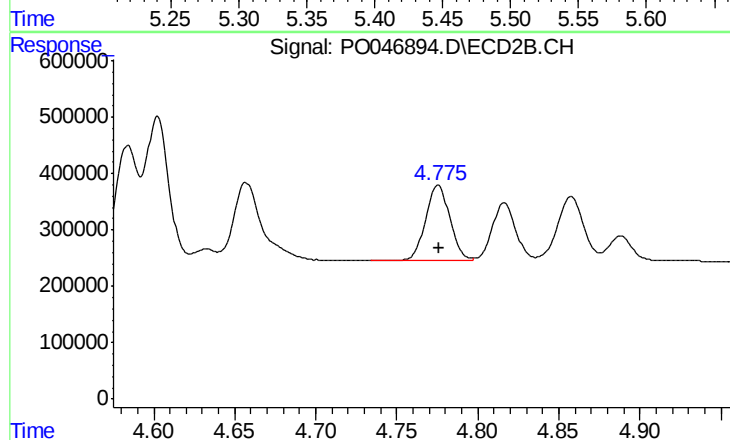
R.T.: 4.602 min
Delta R.T.: 0.000 min
Response: 2534921
Conc: 205.74 ng/ml



#17 AR-1242-2

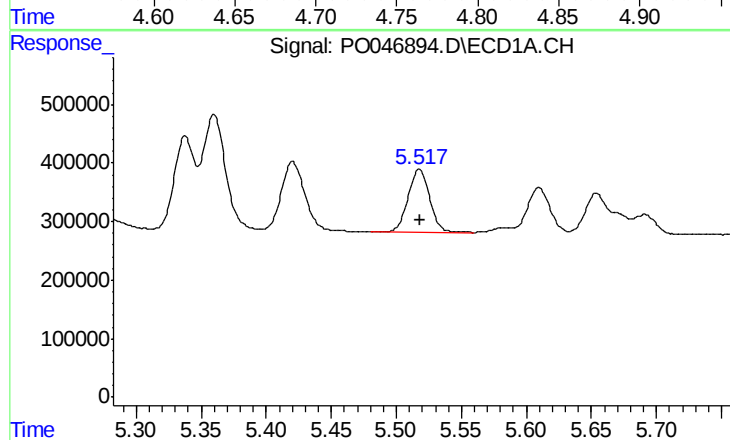
R.T.: 5.420 min
Delta R.T.: -0.002 min
Response: 1494433
Conc: 212.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MS



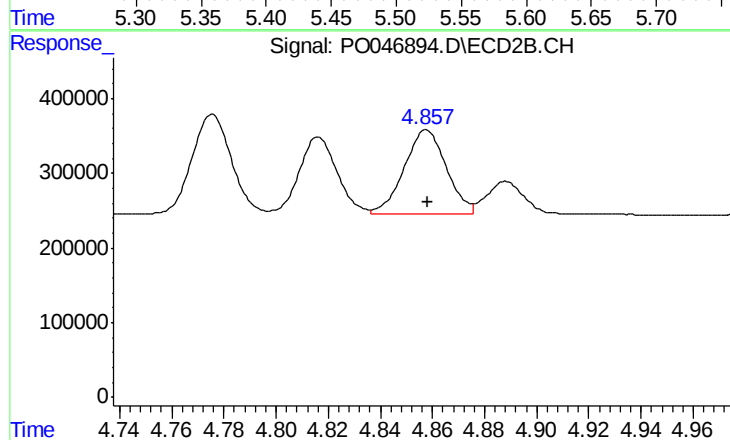
#17 AR-1242-2

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 1415114
Conc: 206.60 ng/ml



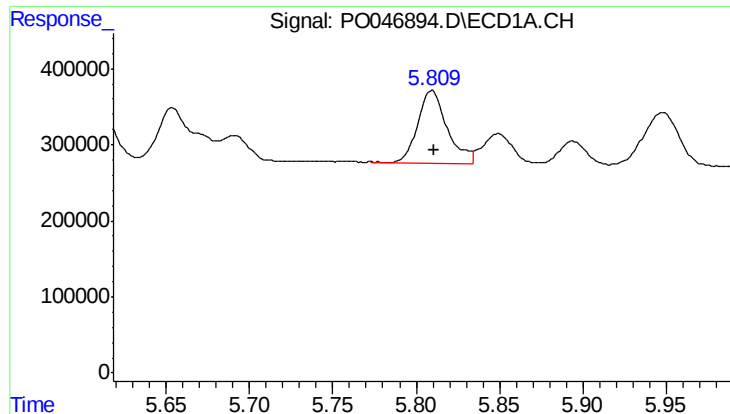
#18 AR-1242-3

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 1228264
Conc: 208.35 ng/ml



#18 AR-1242-3

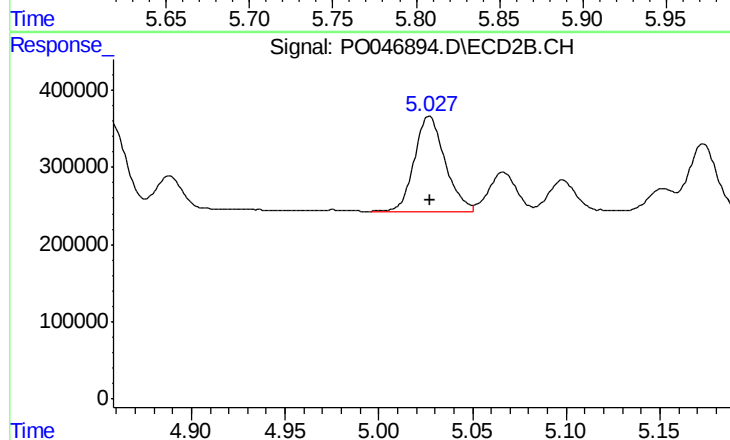
R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 1278002
Conc: 203.10 ng/ml



#19 AR-1242-4

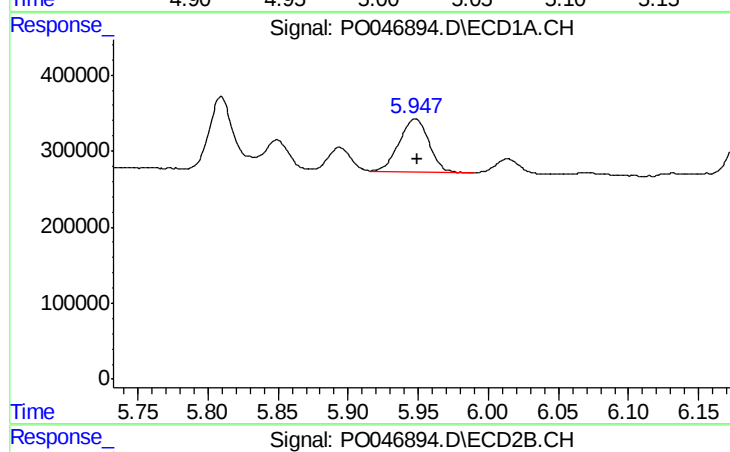
R.T.: 5.809 min
Delta R.T.: -0.001 min
Response: 1164332
Conc: 203.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MS



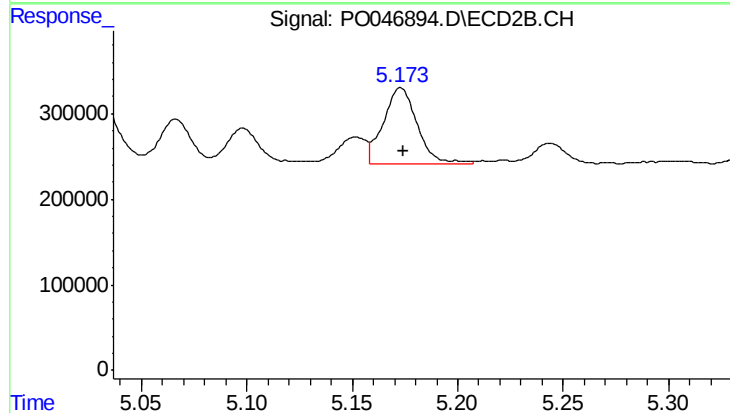
#19 AR-1242-4

R.T.: 5.027 min
Delta R.T.: 0.000 min
Response: 1427219
Conc: 201.81 ng/ml



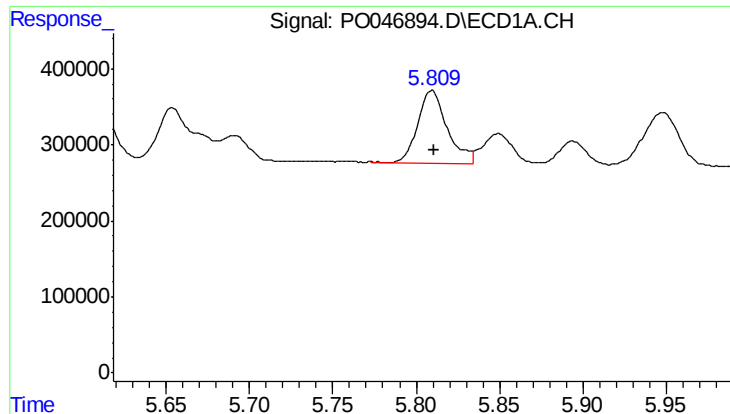
#20 AR-1242-5

R.T.: 5.948 min
Delta R.T.: -0.002 min
Response: 1037261
Conc: 158.58 ng/ml



#20 AR-1242-5

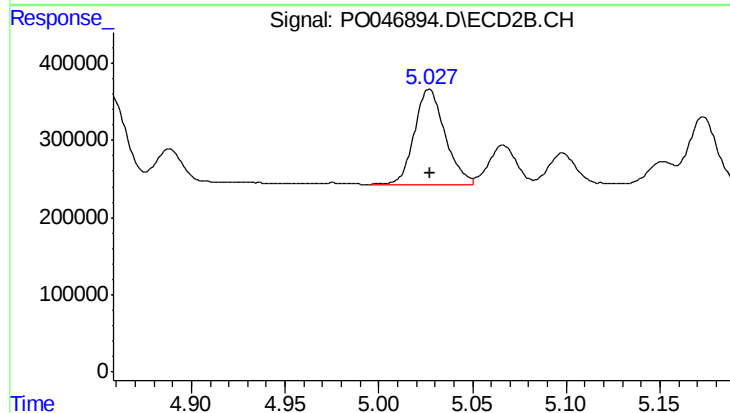
R.T.: 5.173 min
Delta R.T.: -0.001 min
Response: 985548
Conc: 153.42 ng/ml



#21 AR-1248-1

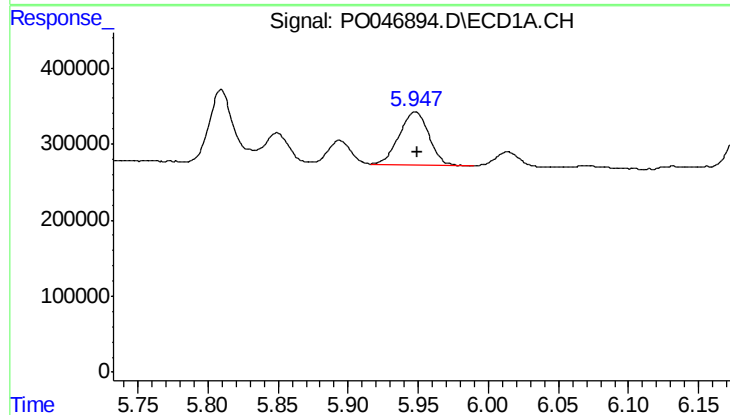
R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 1164332
Conc: 128.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MS



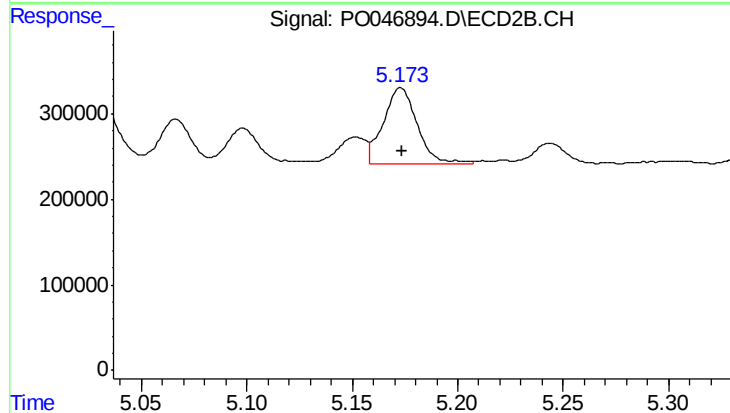
#21 AR-1248-1

R.T.: 5.027 min
Delta R.T.: 0.000 min
Response: 1427219
Conc: 130.76 ng/ml



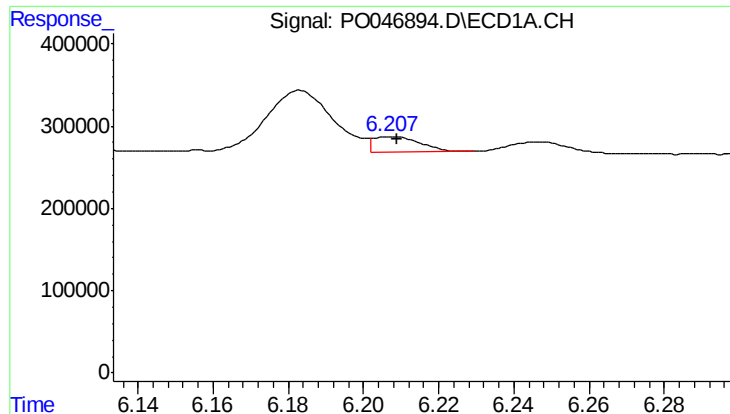
#22 AR-1248-2

R.T.: 5.948 min
Delta R.T.: -0.001 min
Response: 1037261
Conc: 127.35 ng/ml



#22 AR-1248-2

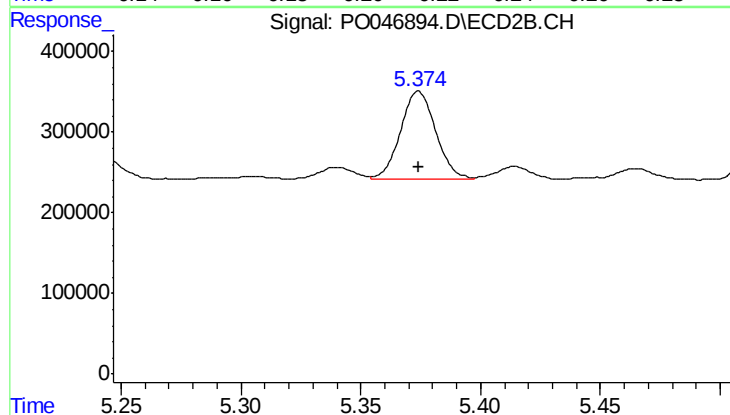
R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 985548
Conc: 119.87 ng/ml



#23 AR-1248-3

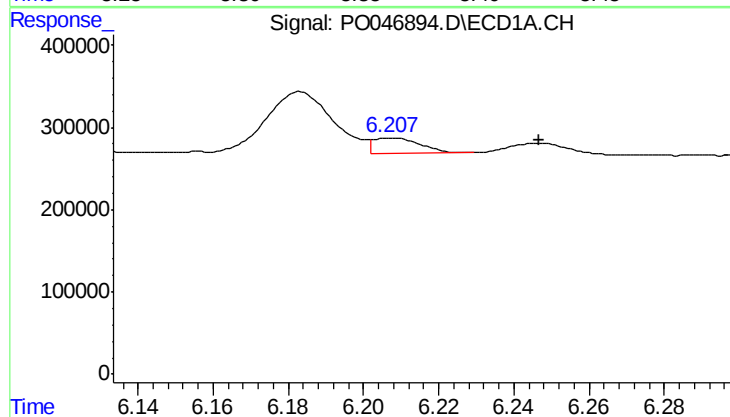
R.T.: 6.207 min
Delta R.T.: -0.002 min
Response: 161666
Conc: 15.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MS



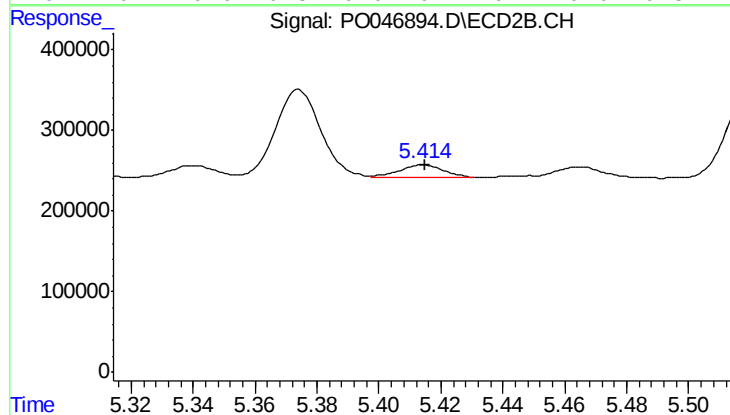
#23 AR-1248-3

R.T.: 5.374 min
Delta R.T.: 0.000 min
Response: 1131468
Conc: 69.94 ng/ml



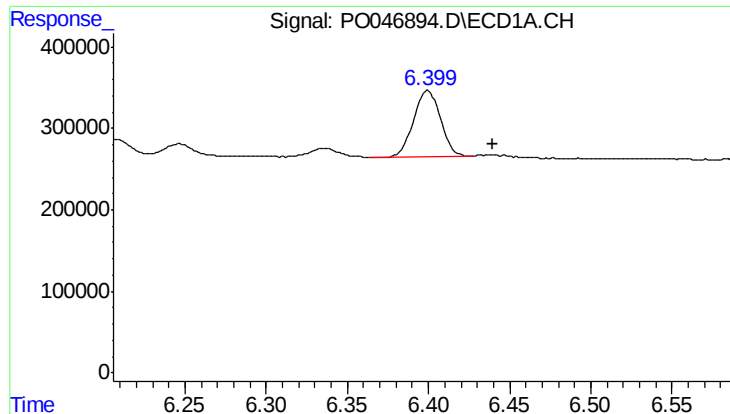
#24 AR-1248-4

R.T.: 6.207 min
Delta R.T.: -0.039 min
Response: 161666
Conc: 15.87 ng/ml



#24 AR-1248-4

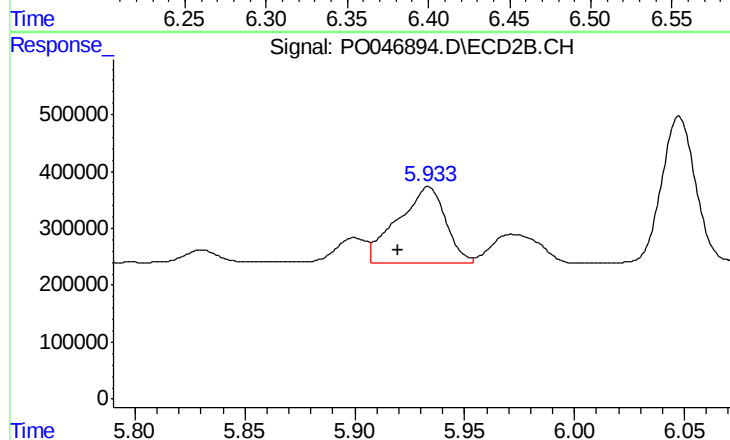
R.T.: 5.414 min
Delta R.T.: 0.000 min
Response: 170440
Conc: 15.04 ng/ml



#25 AR-1248-5

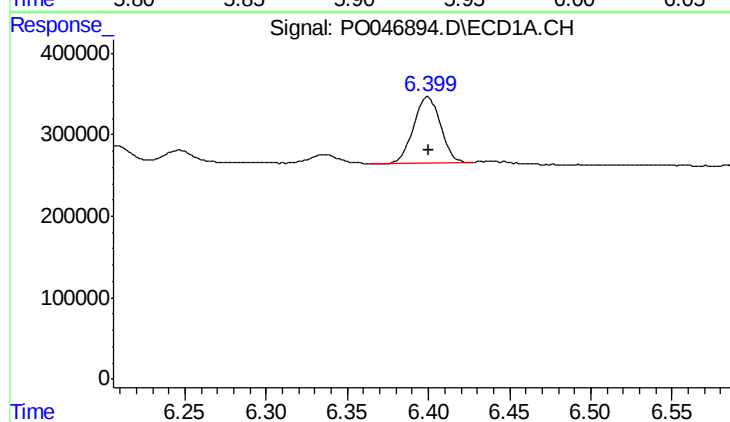
R.T.: 6.400 min
Delta R.T.: -0.040 min
Response: 935352
Conc: 134.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MS



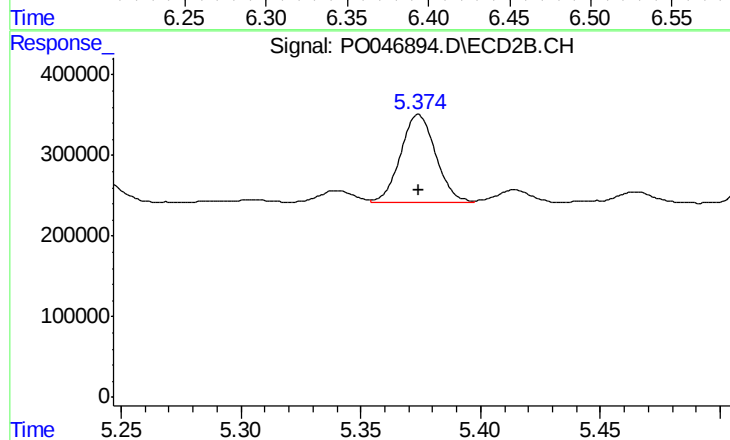
#25 AR-1248-5

R.T.: 5.934 min
Delta R.T.: 0.014 min
Response: 2024213
Conc: 265.60 ng/ml



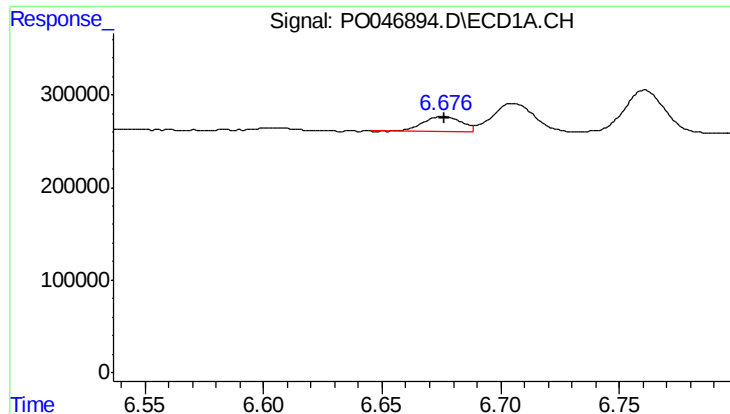
#26 AR-1254-1

R.T.: 6.400 min
Delta R.T.: 0.000 min
Response: 935352
Conc: 61.91 ng/ml



#26 AR-1254-1

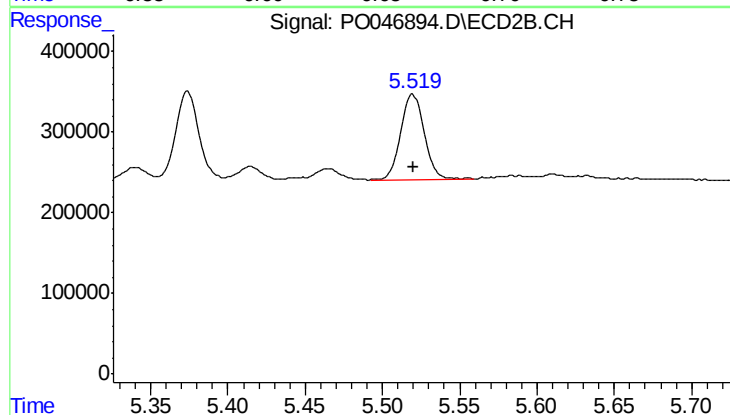
R.T.: 5.374 min
Delta R.T.: 0.000 min
Response: 1131468
Conc: 68.10 ng/ml



#27 AR-1254-2

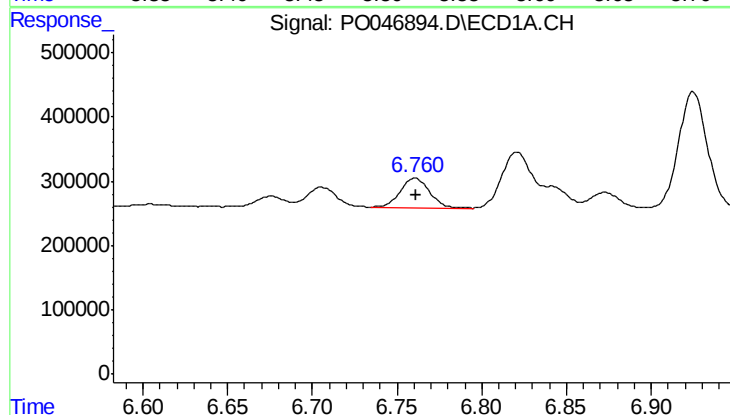
R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 185407
Conc: 19.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MS



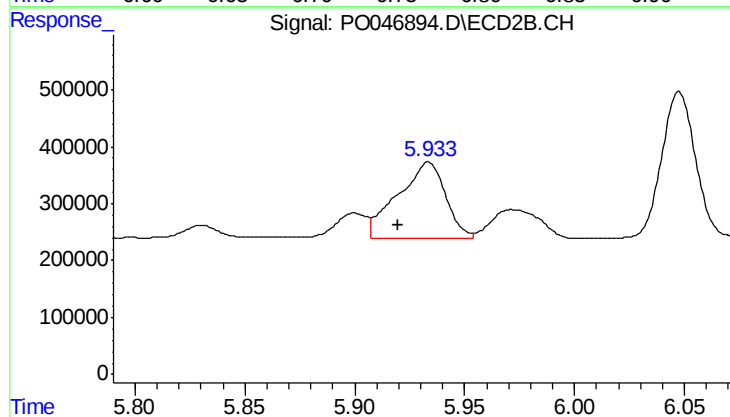
#27 AR-1254-2

R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 1072294
Conc: 75.37 ng/ml



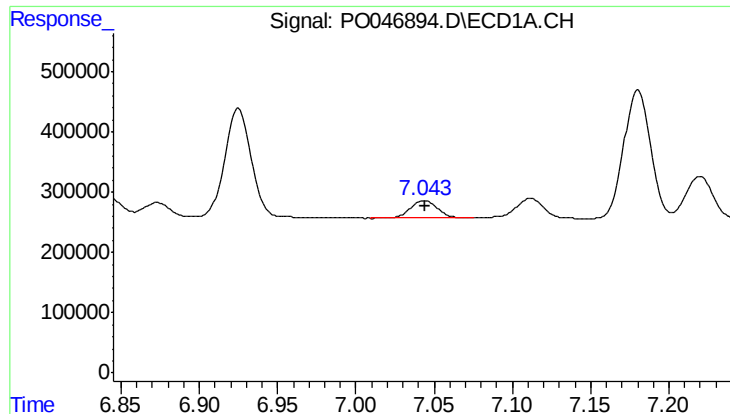
#28 AR-1254-3

R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 553374
Conc: 33.82 ng/ml



#28 AR-1254-3

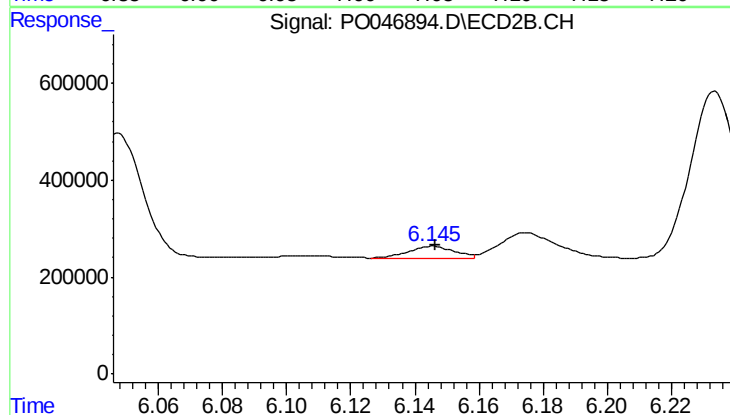
R.T.: 5.934 min
Delta R.T.: 0.014 min
Response: 2024213
Conc: 84.52 ng/ml



#29 AR-1254-4

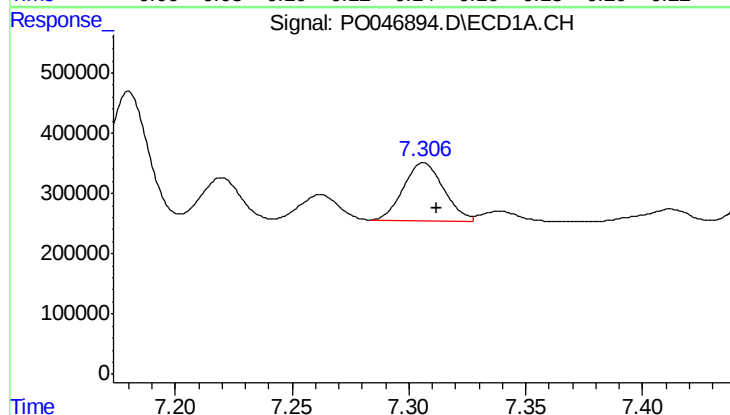
R.T.: 7.044 min
Delta R.T.: 0.000 min
Response: 345816
Conc: 28.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MS



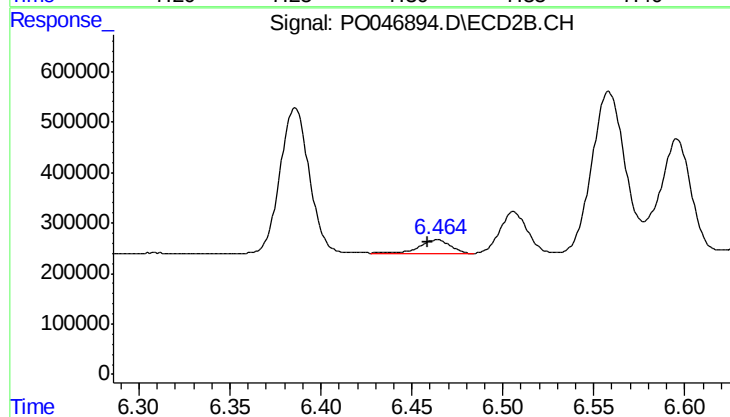
#29 AR-1254-4

R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 252481
Conc: 15.41 ng/ml



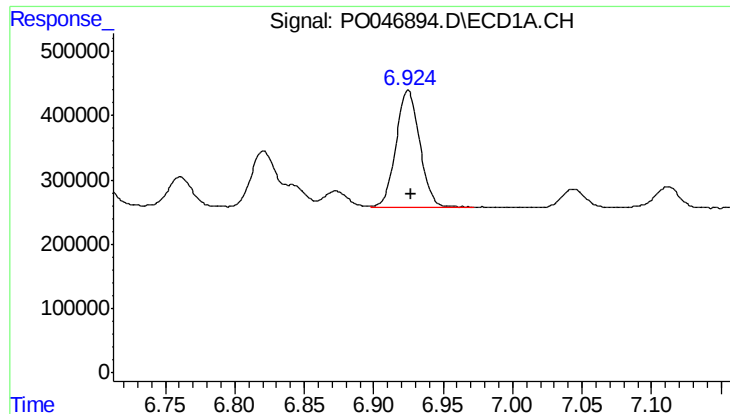
#30 AR-1254-5

R.T.: 7.306 min
Delta R.T.: -0.006 min
Response: 1169083
Conc: 126.20 ng/ml



#30 AR-1254-5

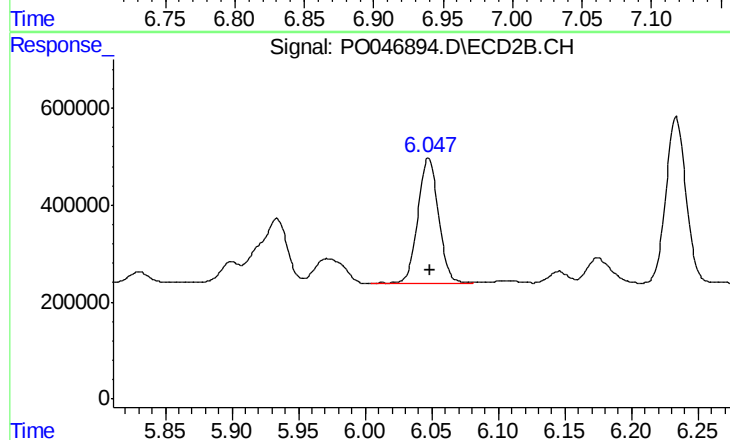
R.T.: 6.464 min
Delta R.T.: 0.006 min
Response: 342671
Conc: 30.17 ng/ml



#31 AR-1260-1

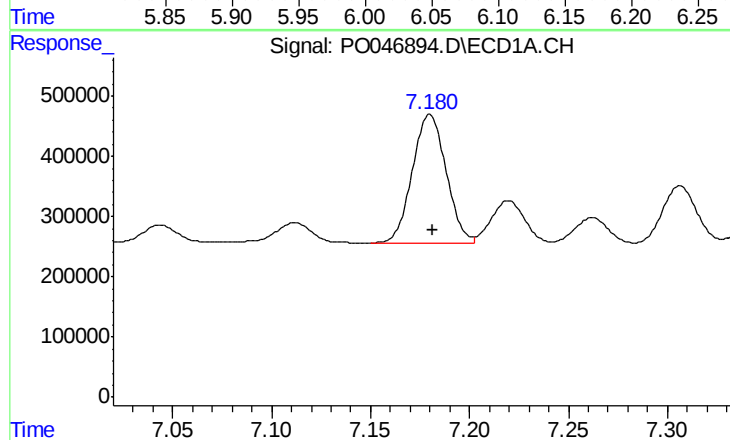
R.T.: 6.925 min
Delta R.T.: -0.002 min
Response: 2140399
Conc: 180.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MS



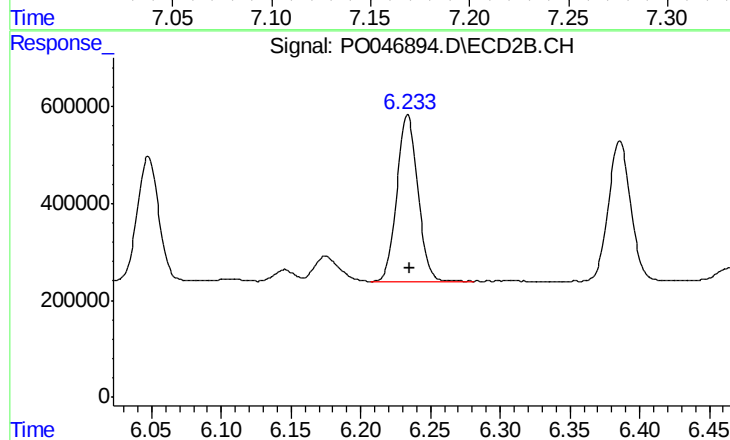
#31 AR-1260-1

R.T.: 6.048 min
Delta R.T.: -0.001 min
Response: 2812506
Conc: 176.16 ng/ml



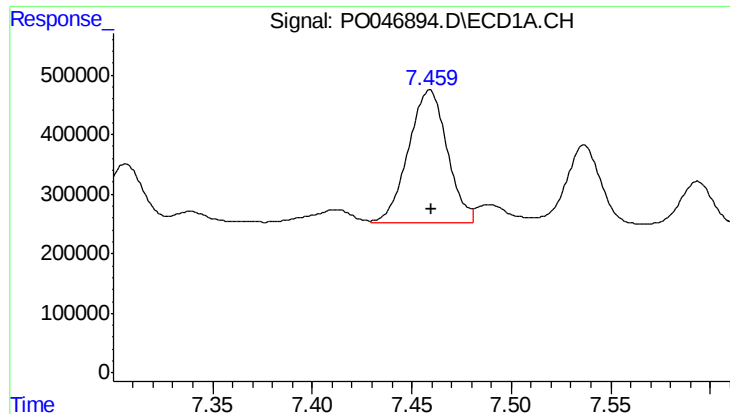
#32 AR-1260-2

R.T.: 7.180 min
Delta R.T.: -0.002 min
Response: 2537645
Conc: 181.50 ng/ml



#32 AR-1260-2

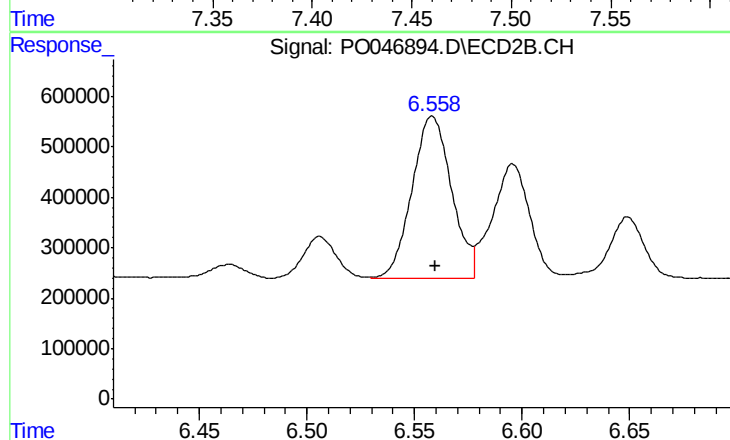
R.T.: 6.234 min
Delta R.T.: -0.001 min
Response: 3608035
Conc: 171.54 ng/ml



#33 AR-1260-3

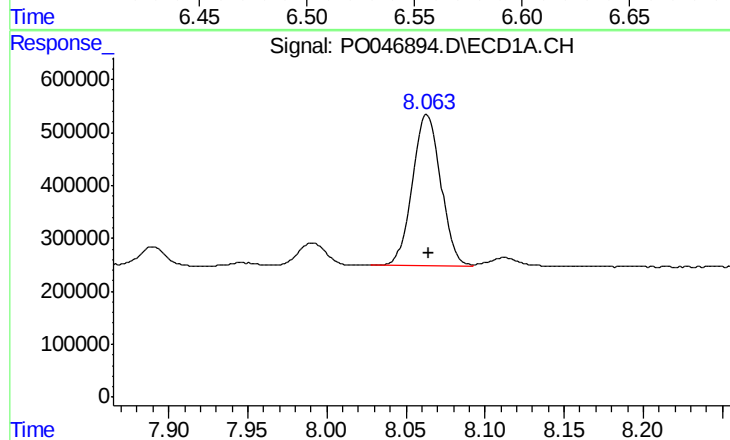
R.T.: 7.459 min
Delta R.T.: -0.001 min
Response: 3022415
Conc: 187.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MS



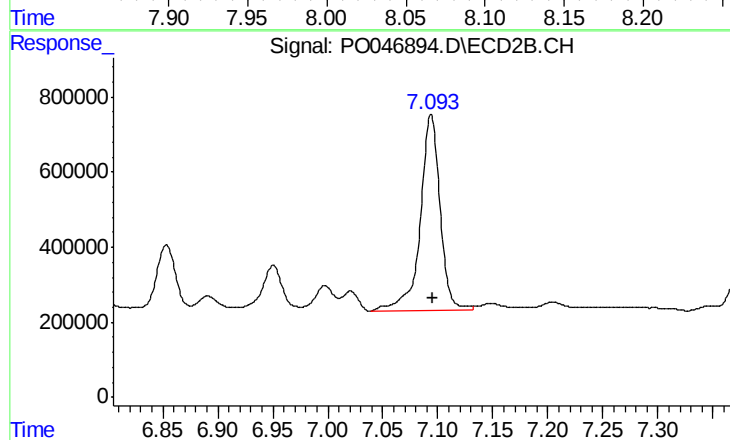
#33 AR-1260-3

R.T.: 6.558 min
Delta R.T.: -0.001 min
Response: 4111366
Conc: 186.12 ng/ml



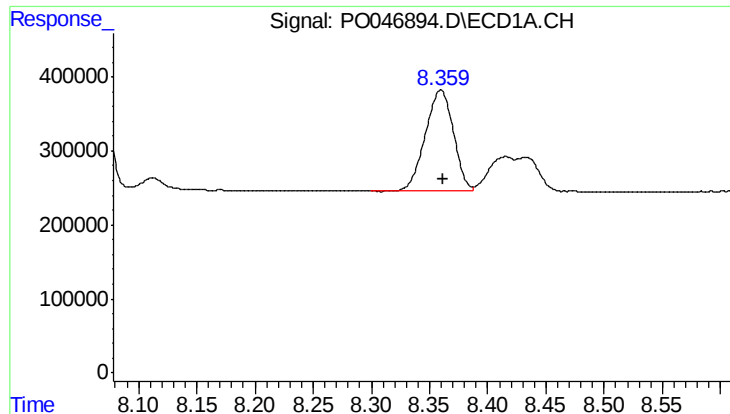
#34 AR-1260-4

R.T.: 8.063 min
Delta R.T.: -0.001 min
Response: 3592217
Conc: 157.81 ng/ml



#34 AR-1260-4

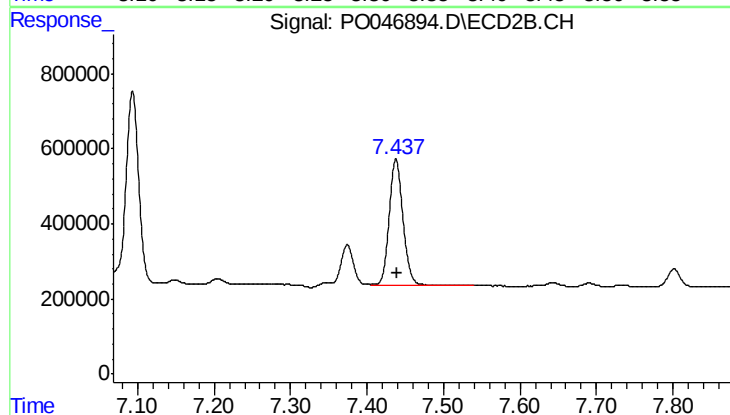
R.T.: 7.094 min
Delta R.T.: -0.002 min
Response: 6548440
Conc: 177.12 ng/ml



#35 AR-1260-5

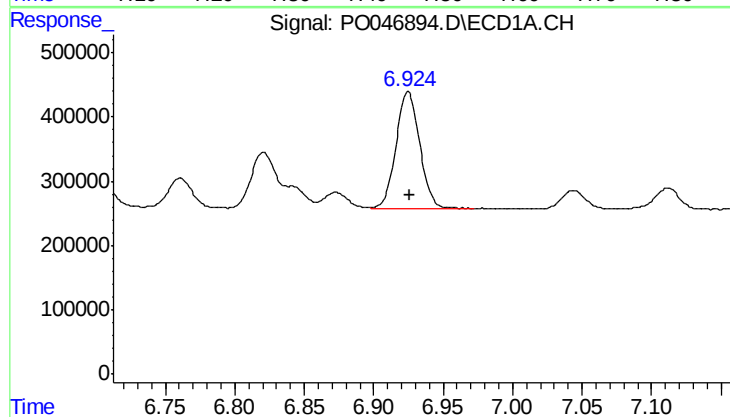
R.T.: 8.360 min
Delta R.T.: -0.002 min
Response: 2307890
Conc: 162.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MS



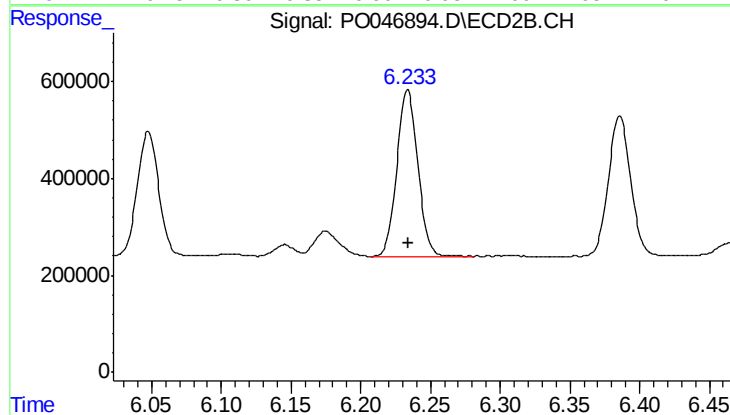
#35 AR-1260-5

R.T.: 7.438 min
Delta R.T.: -0.001 min
Response: 4223062
Conc: 166.47 ng/ml



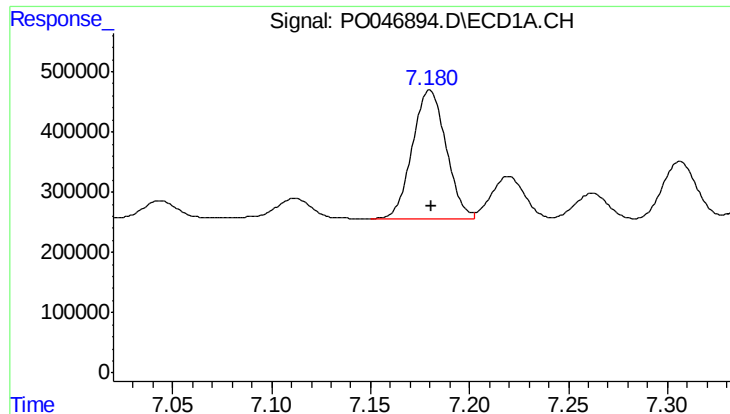
#36 AR-1262-1

R.T.: 6.925 min
Delta R.T.: 0.000 min
Response: 2140399
Conc: 208.05 ng/ml



#36 AR-1262-1

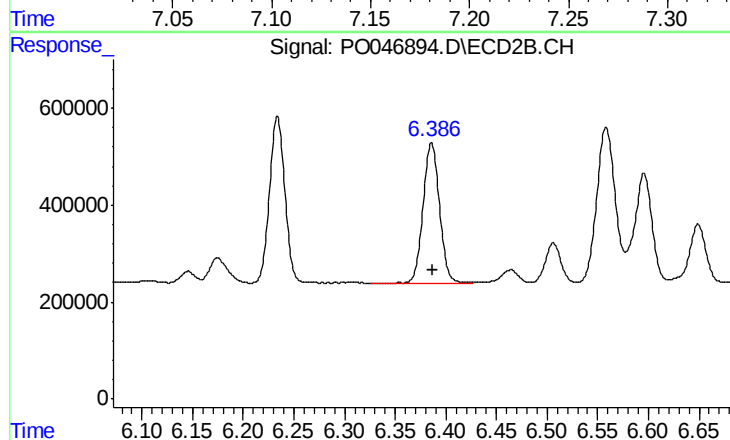
R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 3608035
Conc: 204.36 ng/ml



#37 AR-1262-2

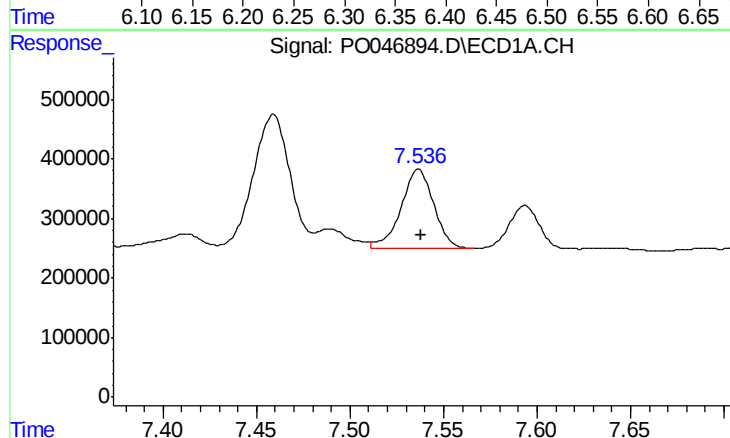
R.T.: 7.180 min
Delta R.T.: -0.001 min
Response: 2537645
Conc: 212.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MS



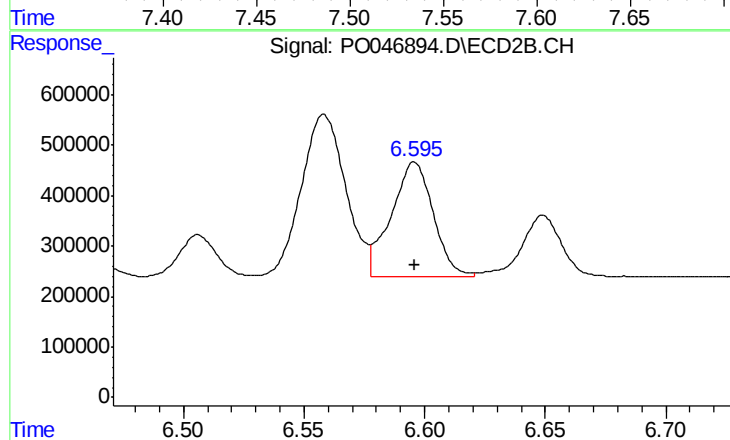
#37 AR-1262-2

R.T.: 6.386 min
Delta R.T.: -0.001 min
Response: 3258258
Conc: 195.57 ng/ml



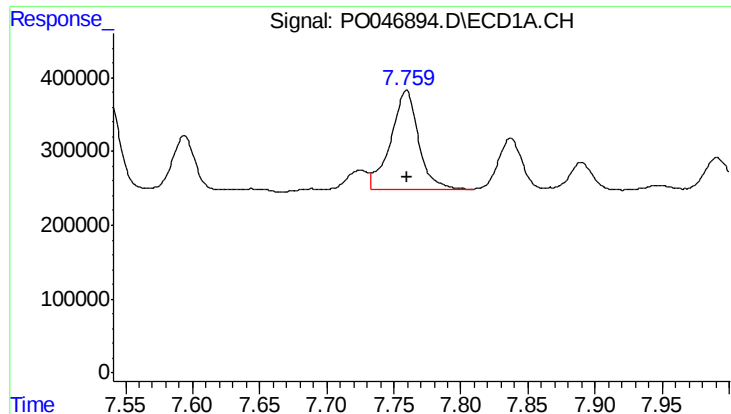
#38 AR-1262-3

R.T.: 7.537 min
Delta R.T.: -0.001 min
Response: 1604738
Conc: 103.68 ng/ml



#38 AR-1262-3

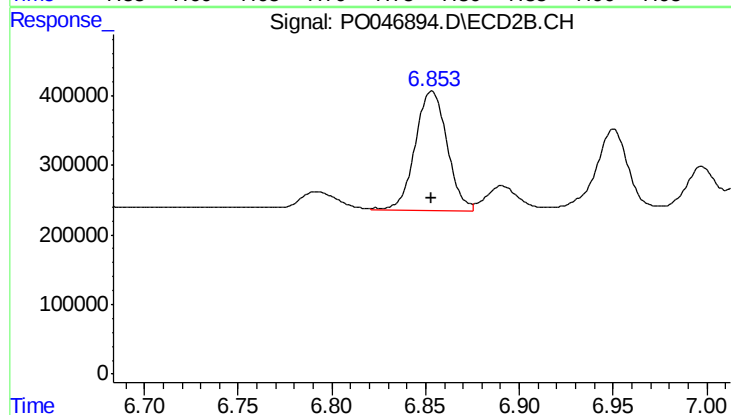
R.T.: 6.596 min
Delta R.T.: 0.000 min
Response: 2765386
Conc: 109.83 ng/ml



#39 AR-1262-4

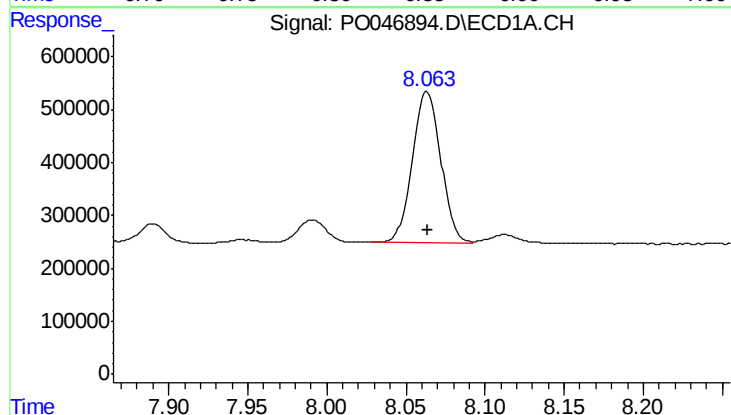
R.T.: 7.760 min
Delta R.T.: 0.000 min
Response: 1968991
Conc: 135.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MS



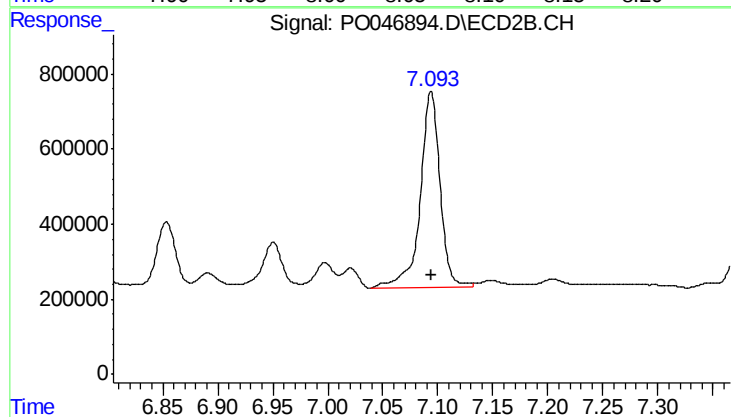
#39 AR-1262-4

R.T.: 6.853 min
Delta R.T.: 0.000 min
Response: 2019342
Conc: 99.09 ng/ml



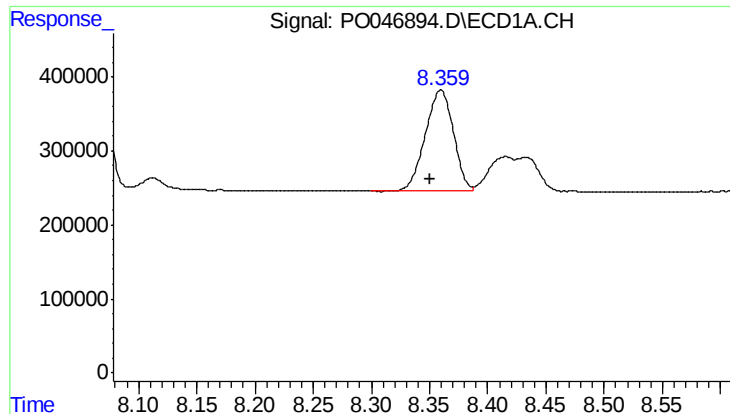
#40 AR-1262-5

R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 3592217
Conc: 132.30 ng/ml



#40 AR-1262-5

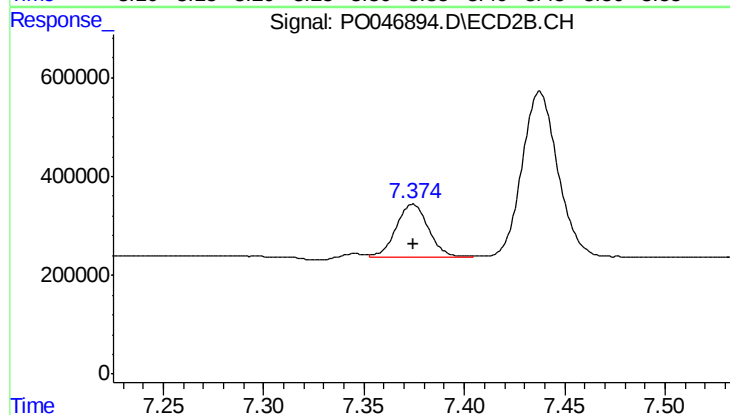
R.T.: 7.094 min
Delta R.T.: 0.000 min
Response: 6548440
Conc: 145.31 ng/ml



#41 AR-1268-1

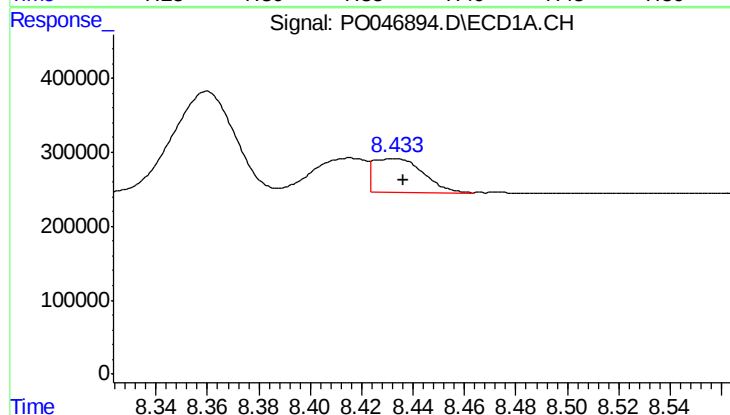
R.T.: 8.360 min
Delta R.T.: 0.009 min
Response: 2307890
Conc: 82.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MS



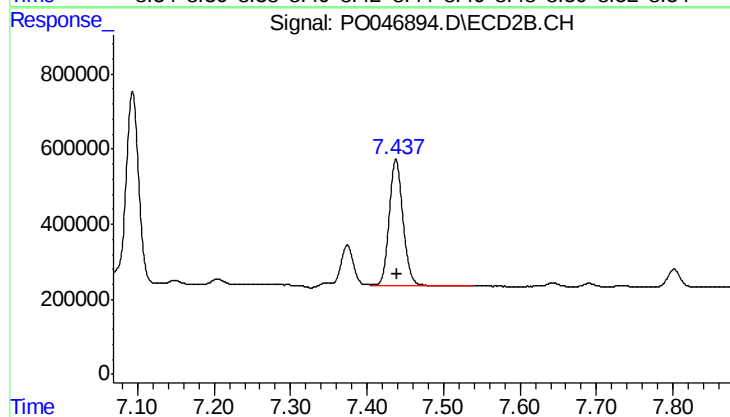
#41 AR-1268-1

R.T.: 7.374 min
Delta R.T.: 0.000 min
Response: 1193907
Conc: 27.45 ng/ml



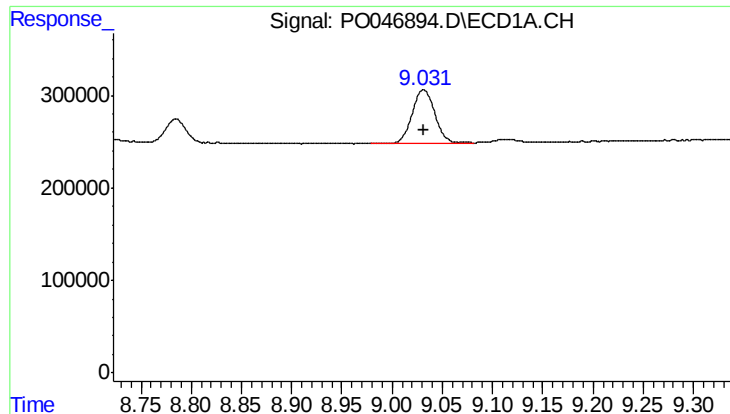
#42 AR-1268-2

R.T.: 8.433 min
Delta R.T.: -0.003 min
Response: 620411
Conc: 23.84 ng/ml



#42 AR-1268-2

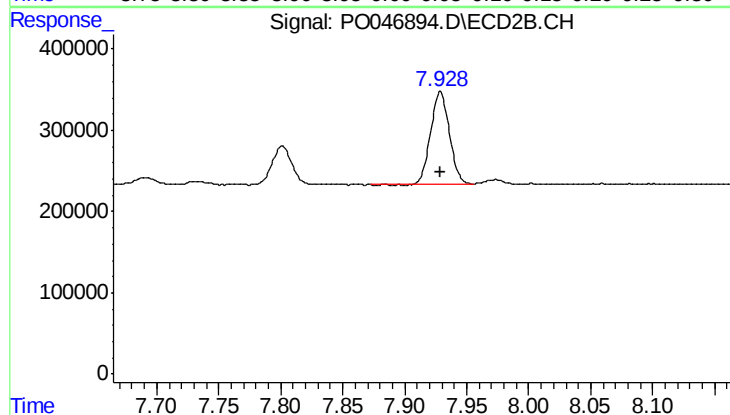
R.T.: 7.438 min
Delta R.T.: -0.002 min
Response: 4223062
Conc: 105.12 ng/ml



#44 AR-1268-4

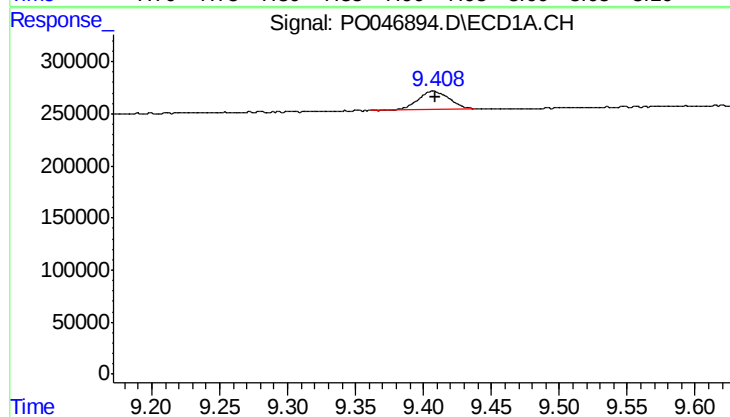
R.T.: 9.031 min
Delta R.T.: 0.000 min
Response: 907558
Conc: 92.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MS



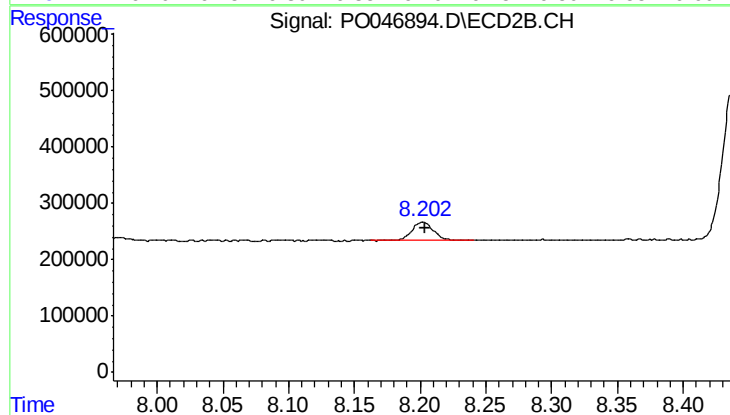
#44 AR-1268-4

R.T.: 7.929 min
Delta R.T.: 0.000 min
Response: 1202100
Conc: 88.36 ng/ml



#45 AR-1268-5

R.T.: 9.407 min
Delta R.T.: 0.000 min
Response: 282992
Conc: 4.26 ng/ml



#45 AR-1268-5

R.T.: 8.202 min
Delta R.T.: -0.001 min
Response: 381918
Conc: 4.38 ng/ml