

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070118\
 Data File : P0046433.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 02 Jul 2018 13:21
 Operator : SM/UA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 14:26:14 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070118.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 02 12:59:36 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...	4.380	3.606	14423630	5087754	51.593	48.382
2) SA Decachlor...	10.037	8.563	12732800	4335232	47.751	47.344
Target Compounds						
3) L1 AR-1016-1	5.273	4.463	3344772	1271685	521.229	443.618
4) L1 AR-1016-2	5.622	4.916	4486383	973987	525.968	442.031
5) L1 AR-1016-3	5.719	4.957	3704159	1090181	522.945	413.396
6) L1 AR-1016-4	6.152	5.127	3889177	1308057	522.862	433.983
7) L1 AR-1016-5	6.387	5.476	3263351	1410030	480.343	471.579
10) L2 AR-1221-3	4.746	3.978	2415810	960349	264.006	269.017
11) L3 AR-1232-1	5.080	4.273	3297105	1277437	1533.795	1084.319 #
12) L3 AR-1232-2	5.538	4.681	5035025	1925573	1170.107	1133.685
13) L3 AR-1232-3	5.560	4.701	7328398	2778995	1183.768	1081.104
14) L3 AR-1232-4	5.622	4.756	4486383	1868833	1193.262	1091.691
15) L3 AR-1232-5	5.719	4.875	3704159	1413157	1188.903	1130.052
16) L4 AR-1242-1	5.560	4.701	7328398	2778995	632.626	604.502
17) L4 AR-1242-2	5.622	4.875	4486383	1413157	634.000	570.418
18) L4 AR-1242-3	5.719	4.957	3704159	1090181	629.658	482.137
19) L4 AR-1242-4	6.012	5.127	3629233	1308057	626.462	448.333 #
20) L4 AR-1242-5	6.152	5.275	3889177	1595325	598.998	624.587
21) L5 AR-1248-1	6.012	5.127	3629233	1308057	347.337	362.873
22) L5 AR-1248-2	6.152	5.275	3889177	1595325	431.238	429.338
23) L5 AR-1248-3	6.412	5.476	1103499	1410030	77.961	244.484 #
24) L5 AR-1248-4	6.412	5.476	1103499	1410030	85.978	195.698 #
25) L5 AR-1248-5	6.604	6.037	2919875	2331239	376.277	916.600 #
26) L6 AR-1254-1	6.604	5.476	2919875	1410030	157.738	244.497 #
27) L6 AR-1254-2	6.913	5.621	1309351	1099559	115.085	193.476 #
28) L6 AR-1254-3	6.968	6.037	1663993	2331239	80.782	260.643 #
29) L6 AR-1254-4	7.251	0.000	1213337	0	75.327	N.D. #
30) L6 AR-1254-5	7.515	6.612	3280319	888225	310.295	214.035 #
31) L7 AR-1260-1	7.133	6.152	6992395	2954347	486.889	469.085
32) L7 AR-1260-2	7.387	6.338	8403675	3624146	483.007	467.004
33) L7 AR-1260-3	7.667	6.664	9198123	4018663	416.734	443.552
34) L7 AR-1260-4	8.281	7.200	12678661	5720195	457.622	444.674
35) L7 AR-1260-5	8.596	7.545	8353968	4176270	466.666	455.849
36) L8 AR-1262-1	7.133	6.338	6992395	3624146	551.925	548.799
37) L8 AR-1262-2	7.387	6.491	8403675	3318451	555.981	535.568
38) L8 AR-1262-3	7.667	6.702	9198123	3010195	556.029	354.852 #
39) L8 AR-1262-4	7.969	6.960	6580326	2458402	373.394	359.657
40) L8 AR-1262-5	8.281	7.200	12678661	5720195	383.522	416.423

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0070118\
Data File : P0046433.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Jul 2018 13:21
Operator : SM/UA
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

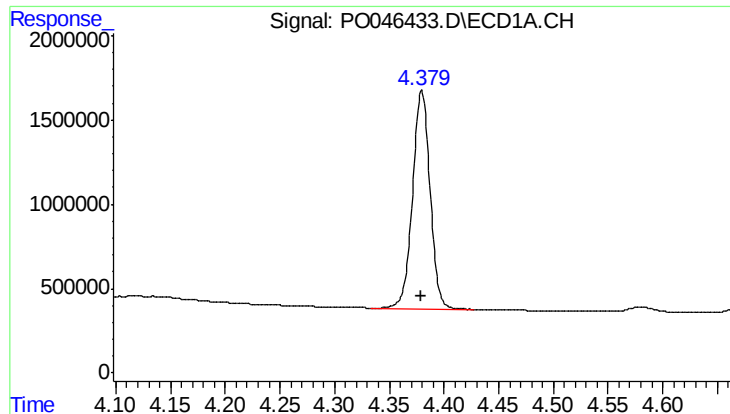
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 14:26:14 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0070118.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 02 12:59:36 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
41) L9	AR-1268-1	8.596	7.481	8353968	1398005	238.488	106.483 #
42) L9	AR-1268-2	8.672	7.545	2543701	4176270	78.921	335.934 #
44) L9	AR-1268-4	9.306	8.036	3485232	1382747	305.007	305.703

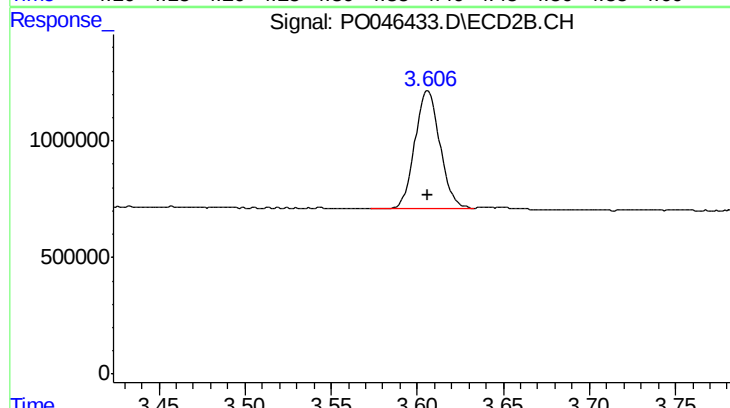
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

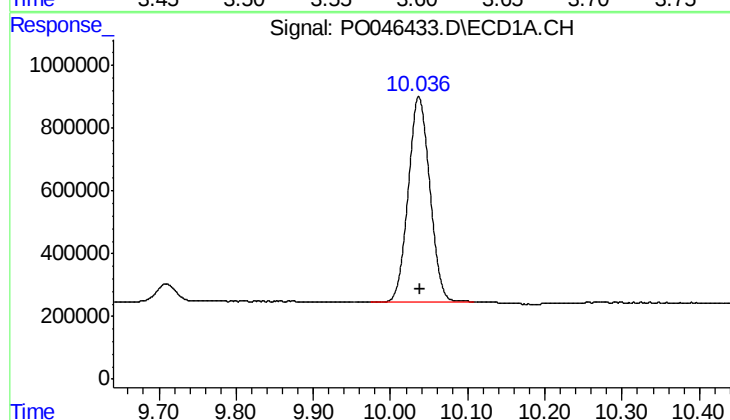
R.T.: 4.380 min
Delta R.T.: 0.000 min
Response: 14423630
Conc: 51.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



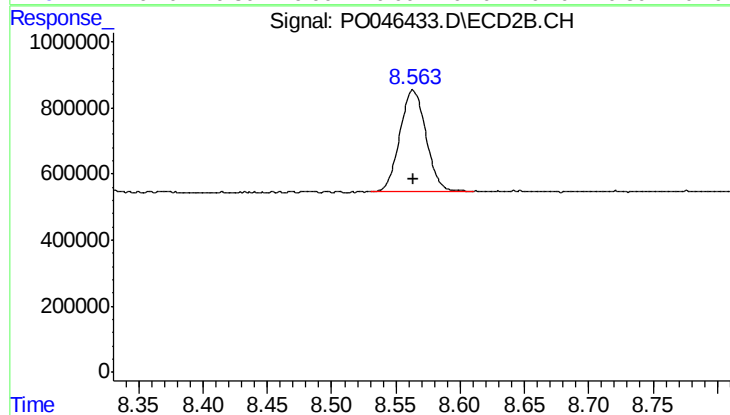
#1 Tetrachloro-m-xylene

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 5087754
Conc: 48.38 ng/ml



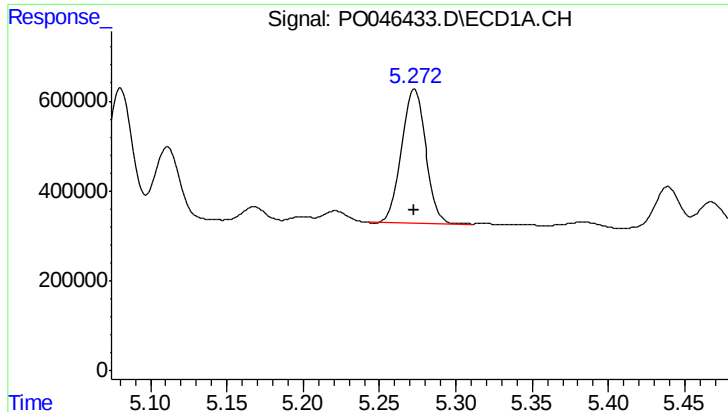
#2 Decachlorobiphenyl

R.T.: 10.037 min
Delta R.T.: -0.002 min
Response: 12732800
Conc: 47.75 ng/ml



#2 Decachlorobiphenyl

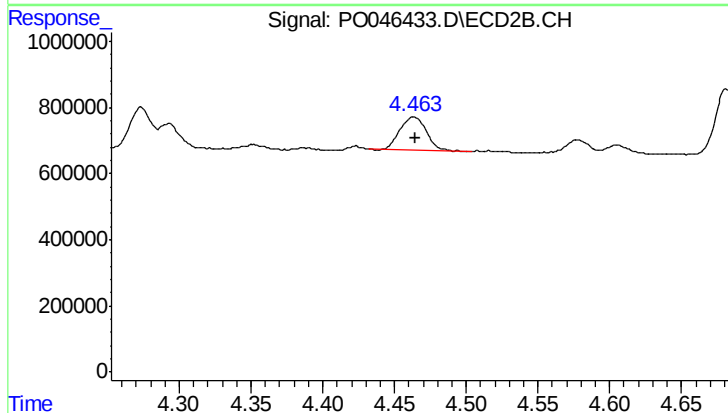
R.T.: 8.563 min
Delta R.T.: 0.000 min
Response: 4335232
Conc: 47.34 ng/ml



#3 AR-1016-1

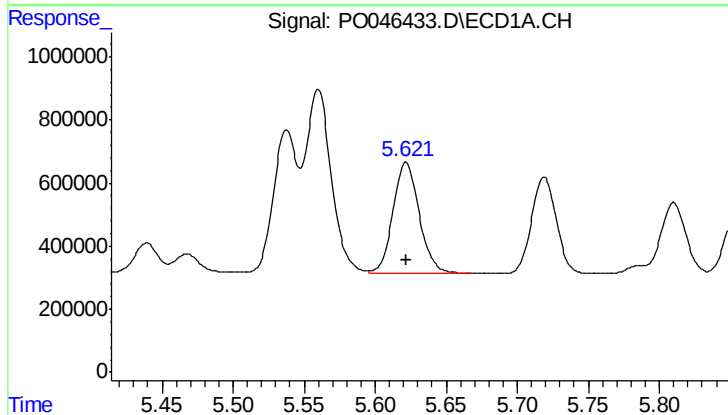
R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 3344772
Conc: 521.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



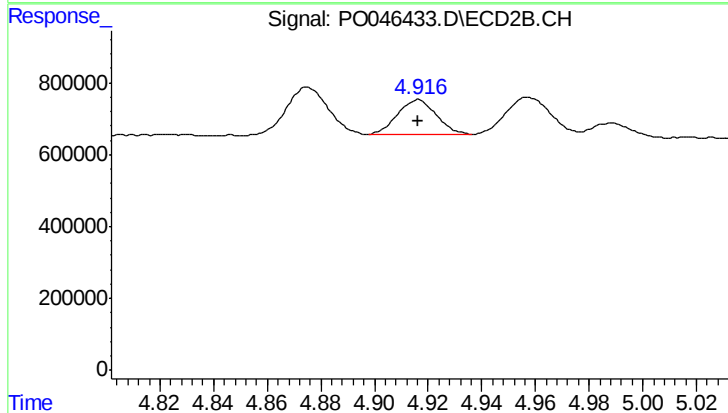
#3 AR-1016-1

R.T.: 4.463 min
Delta R.T.: -0.001 min
Response: 1271685
Conc: 443.62 ng/ml



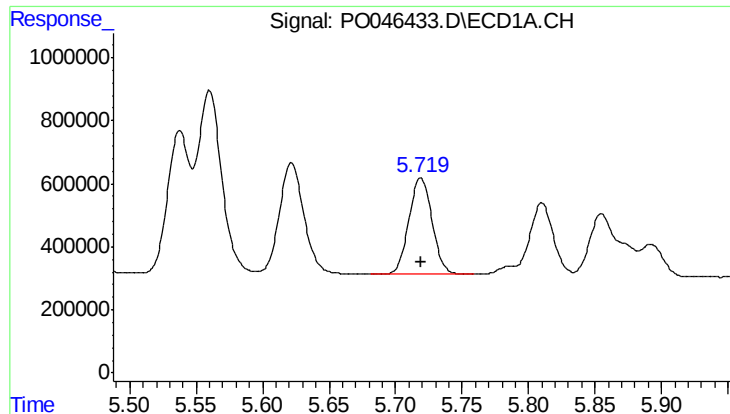
#4 AR-1016-2

R.T.: 5.622 min
Delta R.T.: 0.000 min
Response: 4486383
Conc: 525.97 ng/ml



#4 AR-1016-2

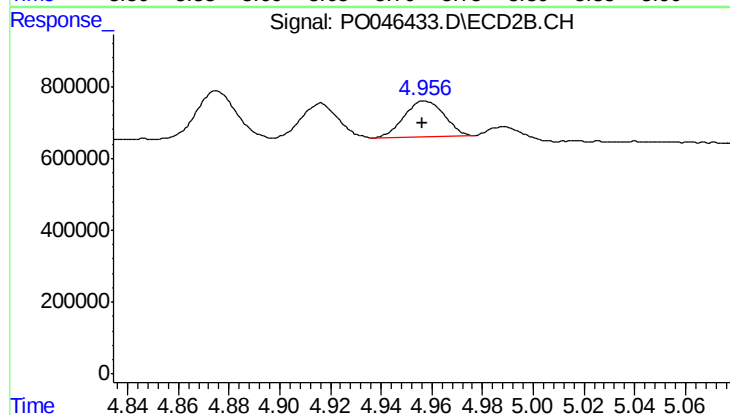
R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 973987
Conc: 442.03 ng/ml



#5 AR-1016-3

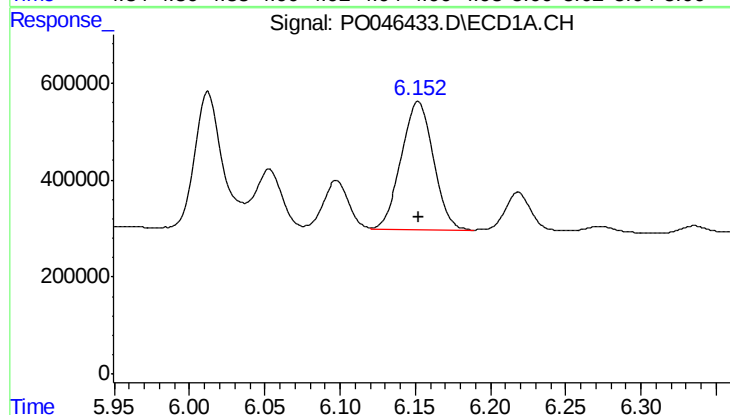
R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 3704159
Conc: 522.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



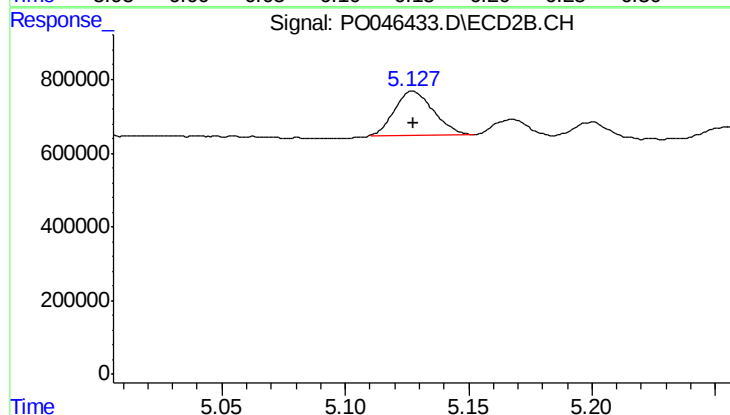
#5 AR-1016-3

R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 1090181
Conc: 413.40 ng/ml



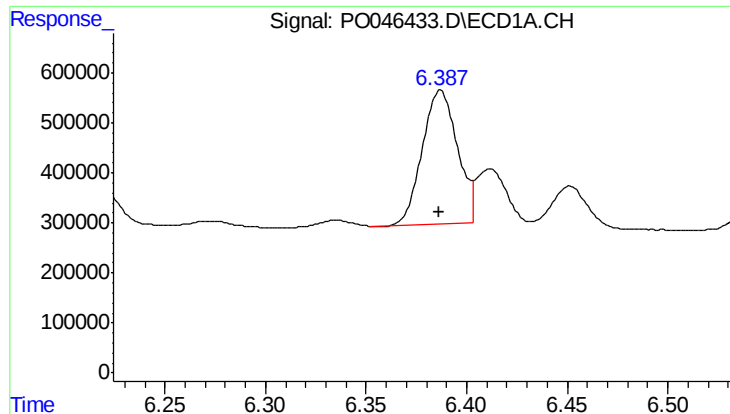
#6 AR-1016-4

R.T.: 6.152 min
Delta R.T.: 0.000 min
Response: 3889177
Conc: 522.86 ng/ml



#6 AR-1016-4

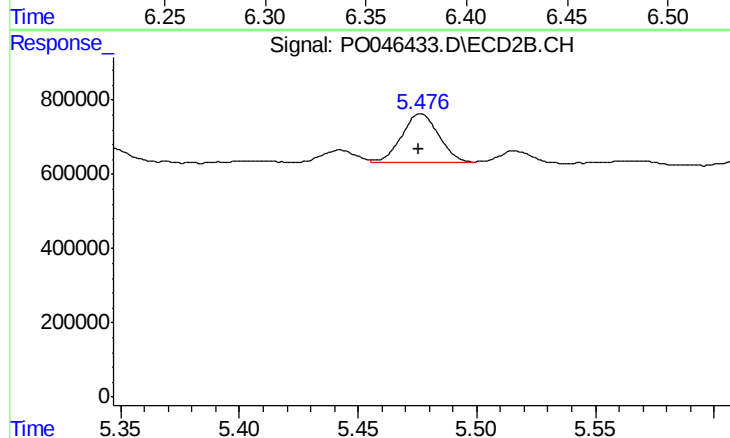
R.T.: 5.127 min
Delta R.T.: 0.000 min
Response: 1308057
Conc: 433.98 ng/ml



#7 AR-1016-5

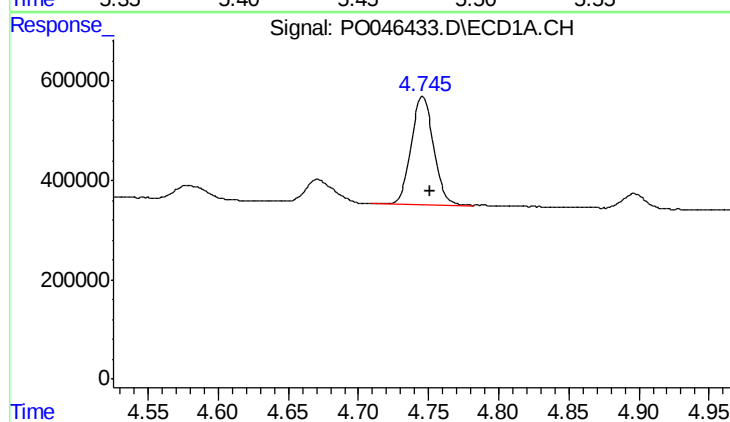
R.T.: 6.387 min
Delta R.T.: 0.000 min
Response: 3263351
Conc: 480.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



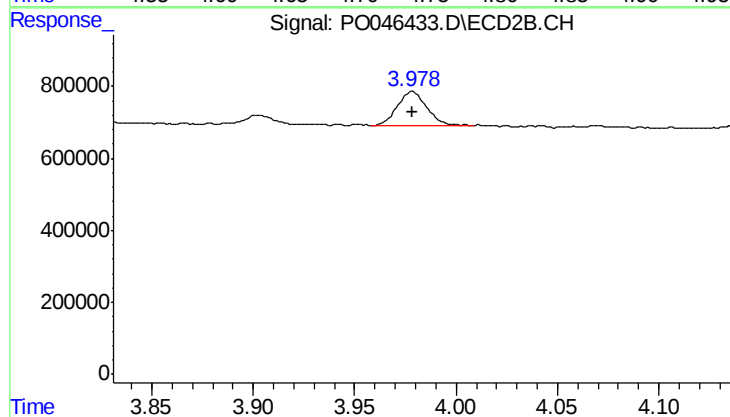
#7 AR-1016-5

R.T.: 5.476 min
Delta R.T.: 0.000 min
Response: 1410030
Conc: 471.58 ng/ml



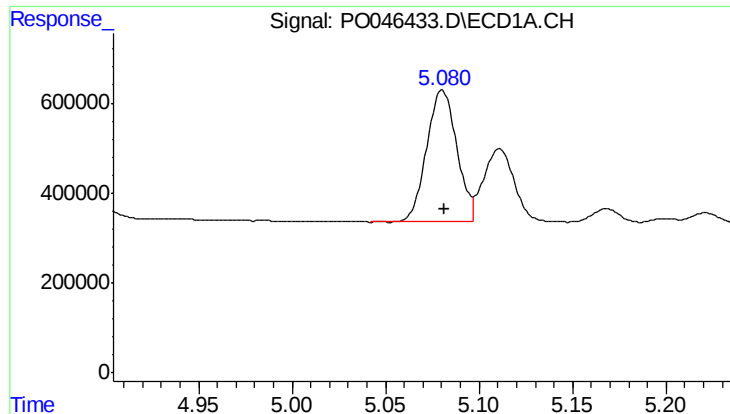
#10 AR-1221-3

R.T.: 4.746 min
Delta R.T.: -0.006 min
Response: 2415810
Conc: 264.01 ng/ml



#10 AR-1221-3

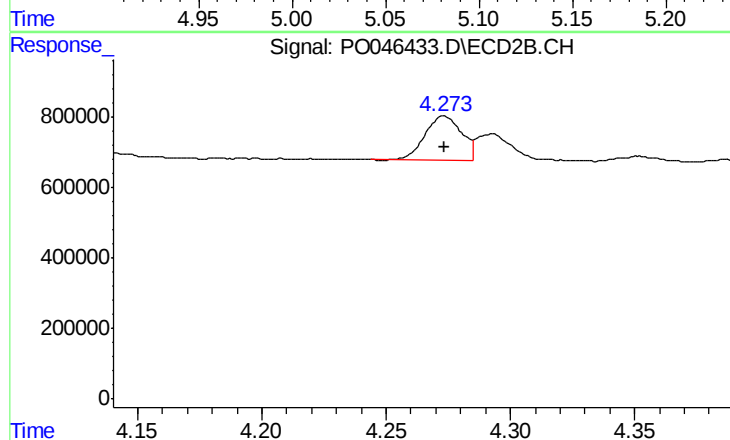
R.T.: 3.978 min
Delta R.T.: 0.000 min
Response: 960349
Conc: 269.02 ng/ml



#11 AR-1232-1

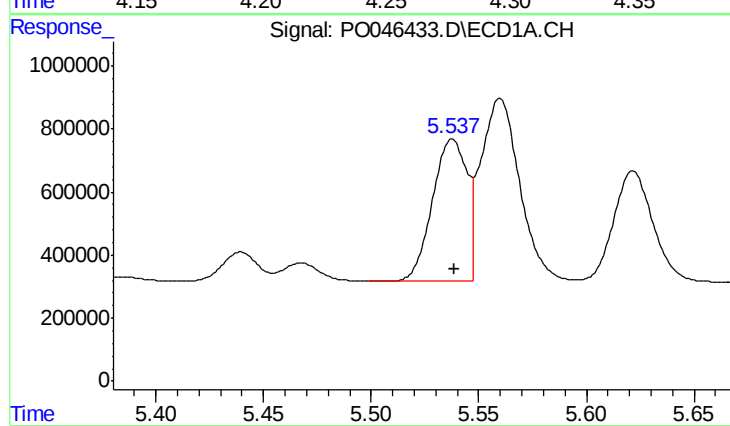
R.T.: 5.080 min
Delta R.T.: -0.001 min
Response: 3297105
Conc: 1533.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



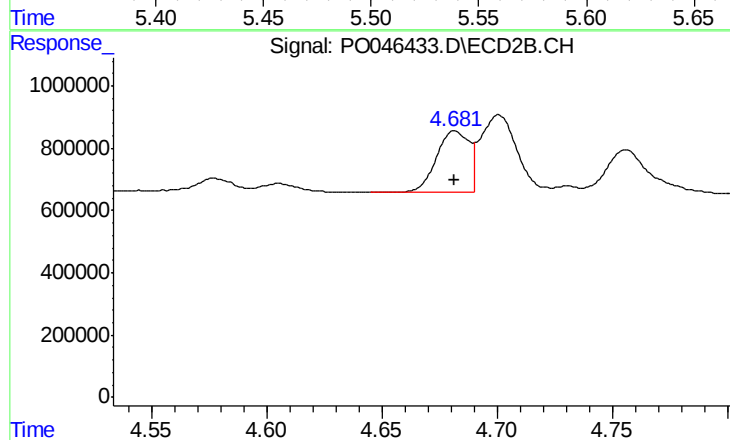
#11 AR-1232-1

R.T.: 4.273 min
Delta R.T.: 0.000 min
Response: 1277437
Conc: 1084.32 ng/ml



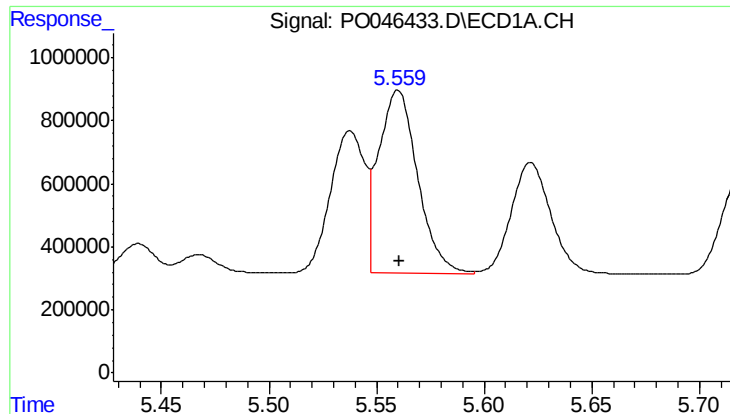
#12 AR-1232-2

R.T.: 5.538 min
Delta R.T.: 0.000 min
Response: 5035025
Conc: 1170.11 ng/ml



#12 AR-1232-2

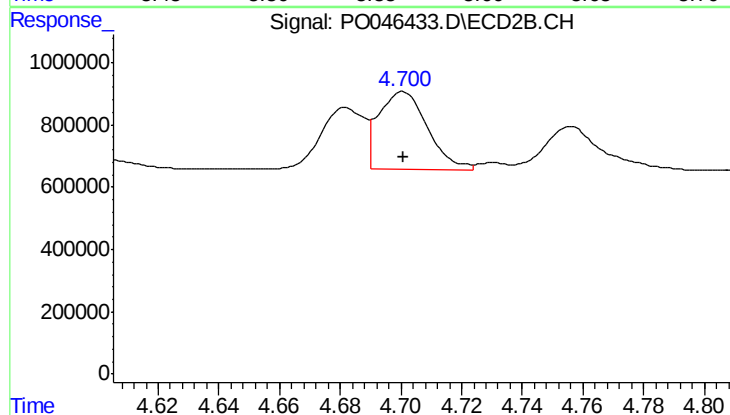
R.T.: 4.681 min
Delta R.T.: 0.000 min
Response: 1925573
Conc: 1133.69 ng/ml



#13 AR-1232-3

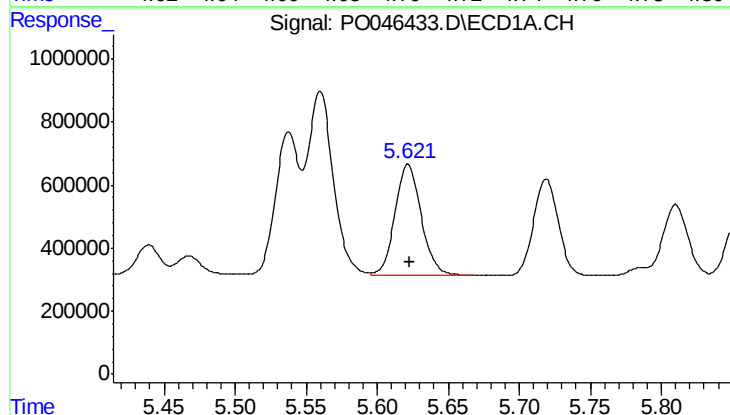
R.T.: 5.560 min
Delta R.T.: 0.000 min
Response: 7328398
Conc: 1183.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



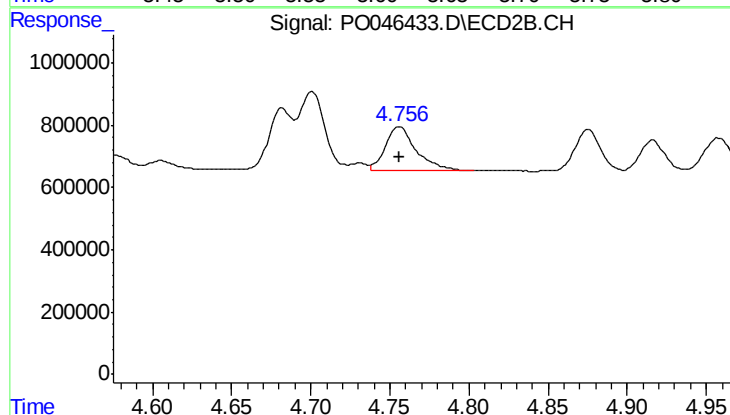
#13 AR-1232-3

R.T.: 4.701 min
Delta R.T.: 0.000 min
Response: 2778995
Conc: 1081.10 ng/ml



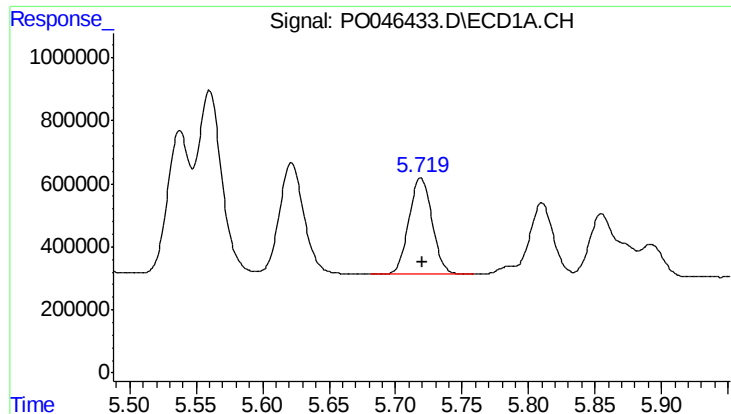
#14 AR-1232-4

R.T.: 5.622 min
Delta R.T.: -0.001 min
Response: 4486383
Conc: 1193.26 ng/ml



#14 AR-1232-4

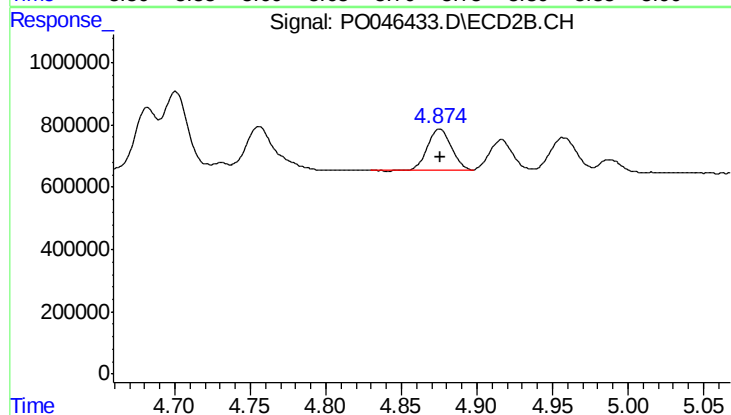
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 1868833
Conc: 1091.69 ng/ml



#15 AR-1232-5

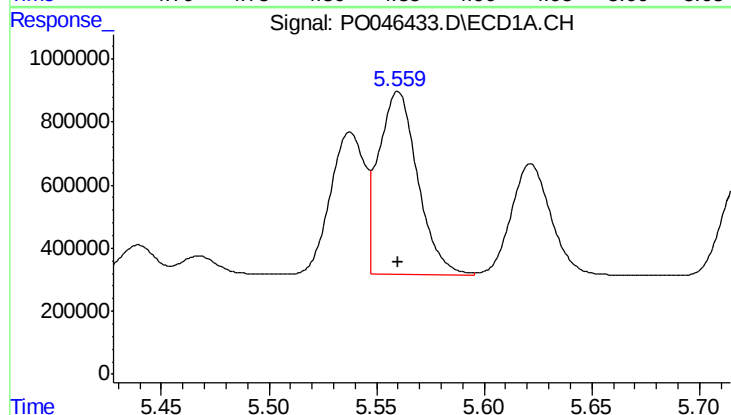
R.T.: 5.719 min
Delta R.T.: -0.001 min
Response: 3704159
Conc: 1188.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



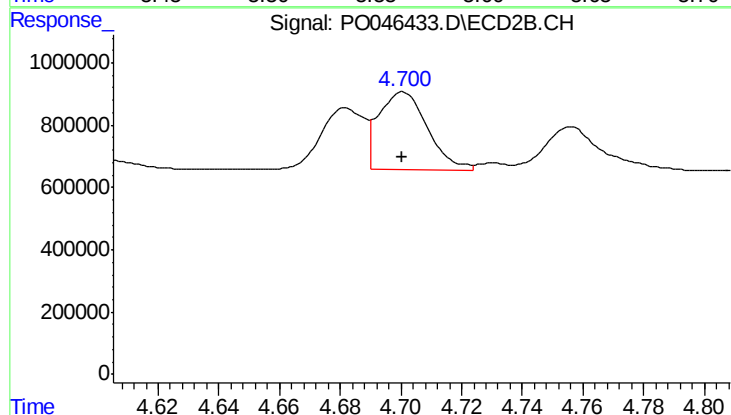
#15 AR-1232-5

R.T.: 4.875 min
Delta R.T.: 0.000 min
Response: 1413157
Conc: 1130.05 ng/ml



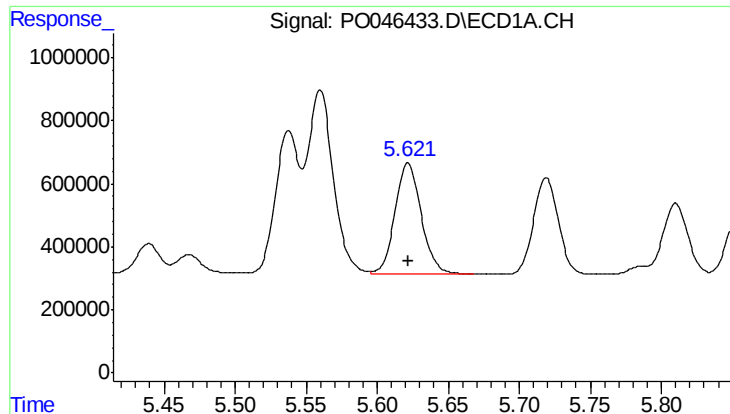
#16 AR-1242-1

R.T.: 5.560 min
Delta R.T.: 0.000 min
Response: 7328398
Conc: 632.63 ng/ml



#16 AR-1242-1

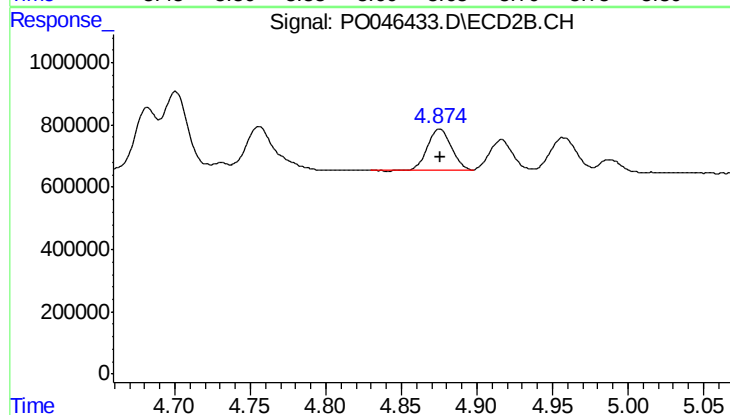
R.T.: 4.701 min
Delta R.T.: 0.000 min
Response: 2778995
Conc: 604.50 ng/ml



#17 AR-1242-2

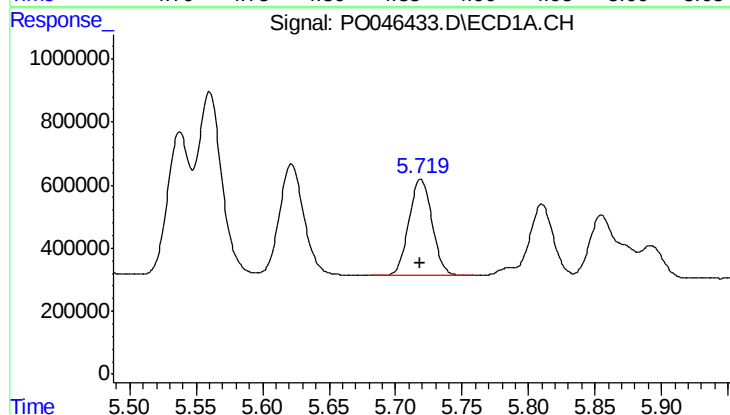
R.T.: 5.622 min
Delta R.T.: 0.000 min
Response: 4486383
Conc: 634.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



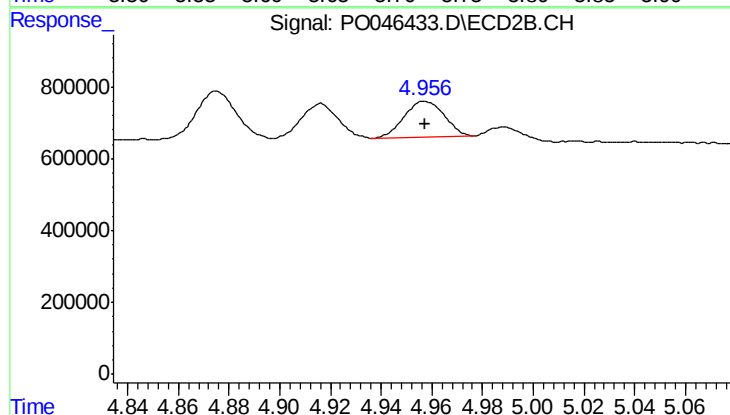
#17 AR-1242-2

R.T.: 4.875 min
Delta R.T.: 0.000 min
Response: 1413157
Conc: 570.42 ng/ml



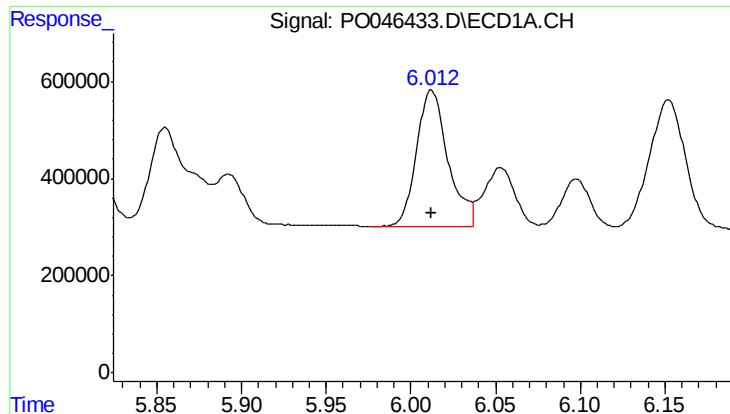
#18 AR-1242-3

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 3704159
Conc: 629.66 ng/ml



#18 AR-1242-3

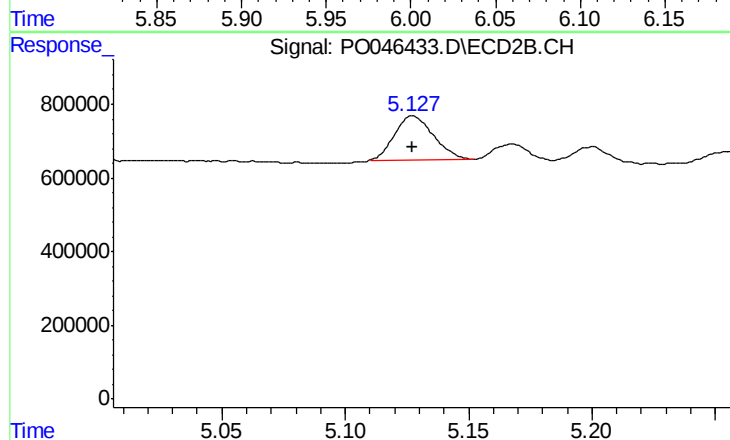
R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 1090181
Conc: 482.14 ng/ml



#19 AR-1242-4

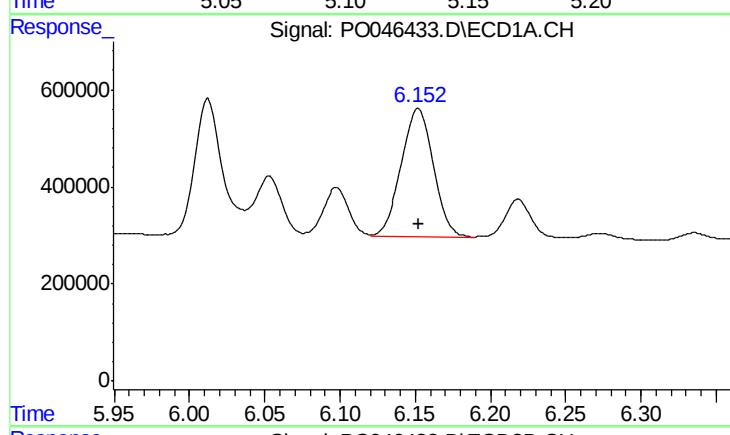
R.T.: 6.012 min
Delta R.T.: 0.000 min
Response: 3629233
Conc: 626.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



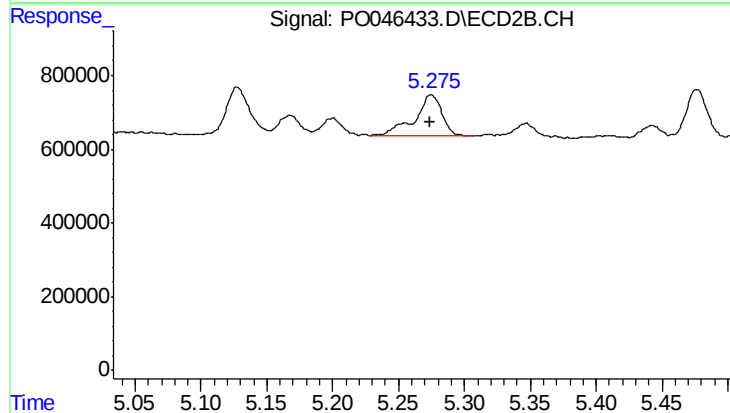
#19 AR-1242-4

R.T.: 5.127 min
Delta R.T.: 0.000 min
Response: 1308057
Conc: 448.33 ng/ml



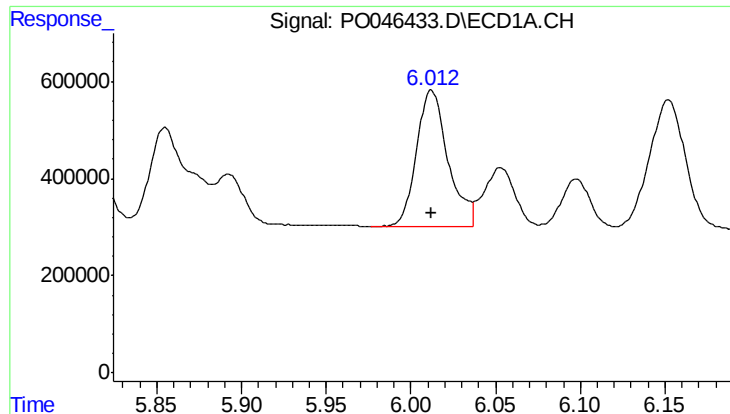
#20 AR-1242-5

R.T.: 6.152 min
Delta R.T.: 0.000 min
Response: 3889177
Conc: 599.00 ng/ml



#20 AR-1242-5

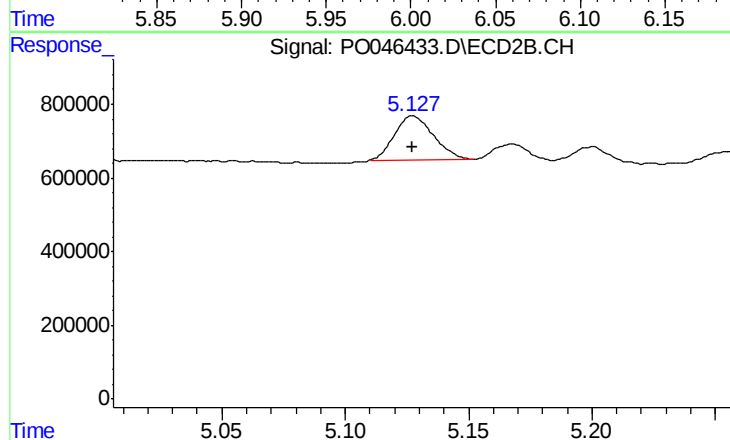
R.T.: 5.275 min
Delta R.T.: 0.000 min
Response: 1595325
Conc: 624.59 ng/ml



#21 AR-1248-1

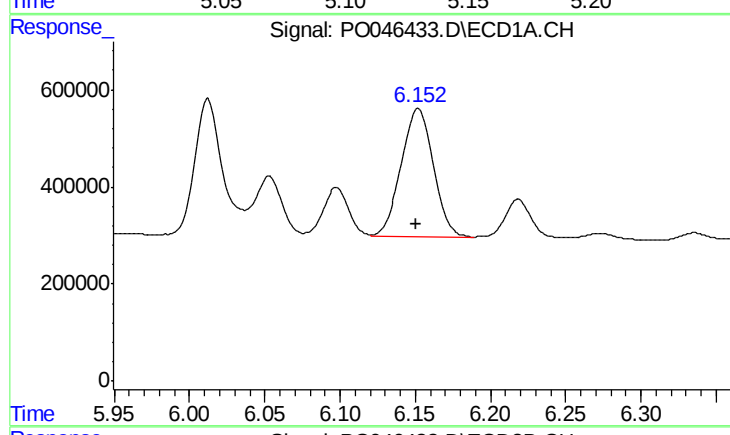
R.T.: 6.012 min
Delta R.T.: 0.000 min
Response: 3629233
Conc: 347.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



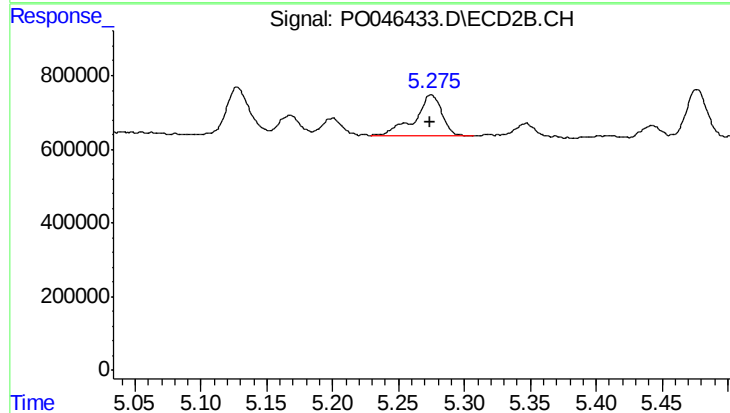
#21 AR-1248-1

R.T.: 5.127 min
Delta R.T.: 0.000 min
Response: 1308057
Conc: 362.87 ng/ml



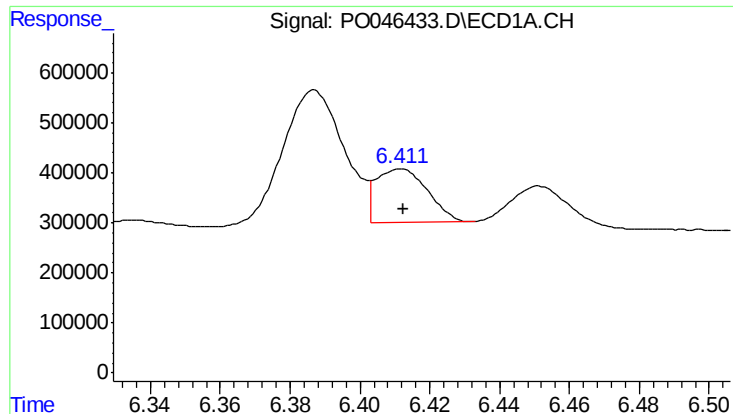
#22 AR-1248-2

R.T.: 6.152 min
Delta R.T.: 0.001 min
Response: 3889177
Conc: 431.24 ng/ml



#22 AR-1248-2

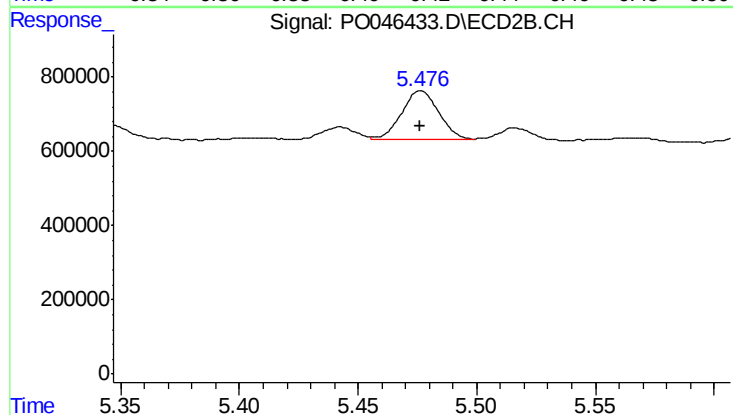
R.T.: 5.275 min
Delta R.T.: 0.000 min
Response: 1595325
Conc: 429.34 ng/ml



#23 AR-1248-3

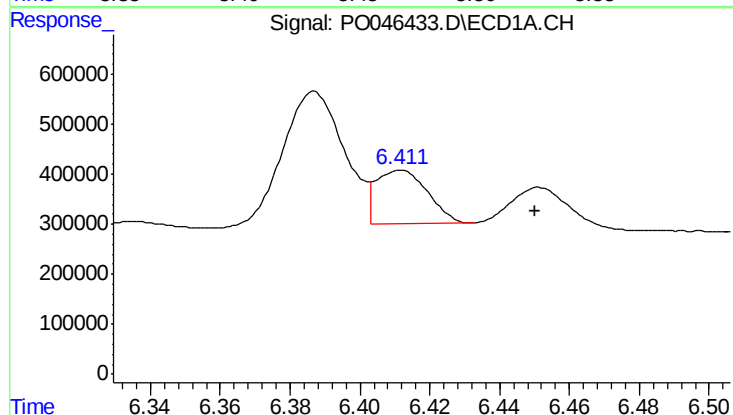
R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 1103499
Conc: 77.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



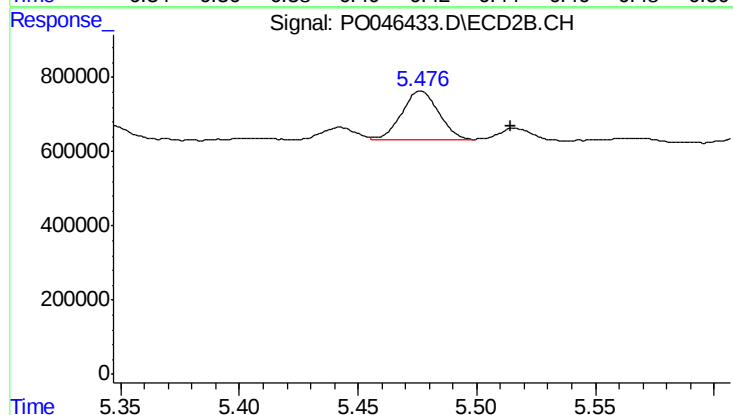
#23 AR-1248-3

R.T.: 5.476 min
Delta R.T.: 0.000 min
Response: 1410030
Conc: 244.48 ng/ml



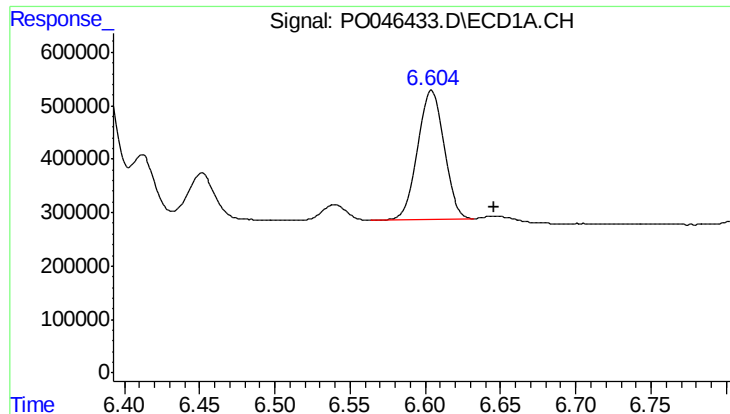
#24 AR-1248-4

R.T.: 6.412 min
Delta R.T.: -0.039 min
Response: 1103499
Conc: 85.98 ng/ml



#24 AR-1248-4

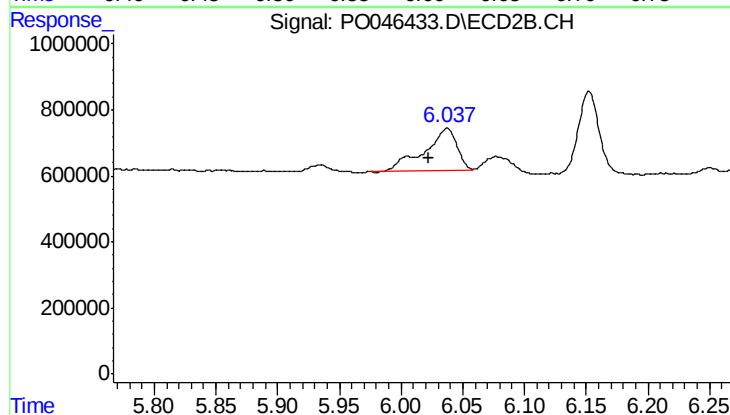
R.T.: 5.476 min
Delta R.T.: -0.038 min
Response: 1410030
Conc: 195.70 ng/ml



#25 AR-1248-5

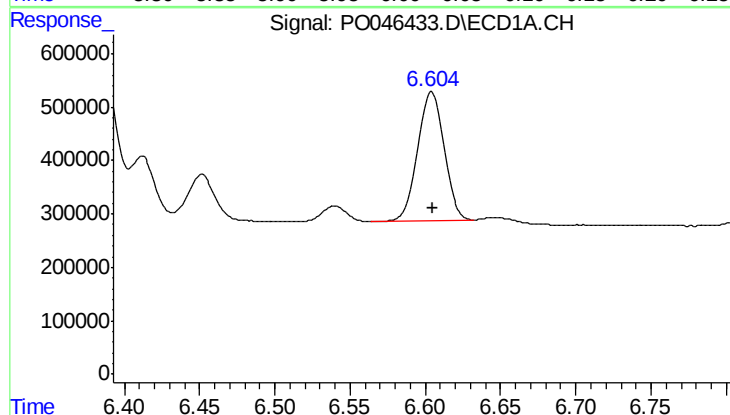
R.T.: 6.604 min
Delta R.T.: -0.042 min
Response: 2919875
Conc: 376.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



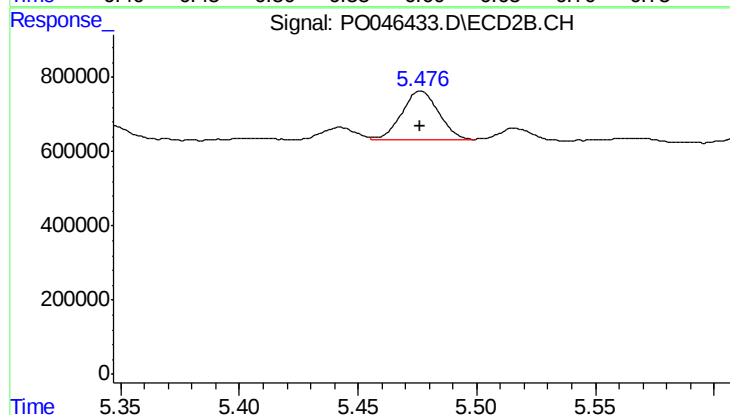
#25 AR-1248-5

R.T.: 6.037 min
Delta R.T.: 0.015 min
Response: 2331239
Conc: 916.60 ng/ml



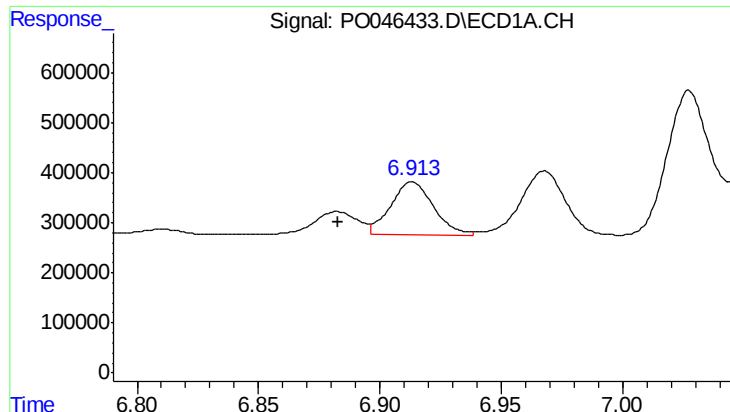
#26 AR-1254-1

R.T.: 6.604 min
Delta R.T.: 0.000 min
Response: 2919875
Conc: 157.74 ng/ml



#26 AR-1254-1

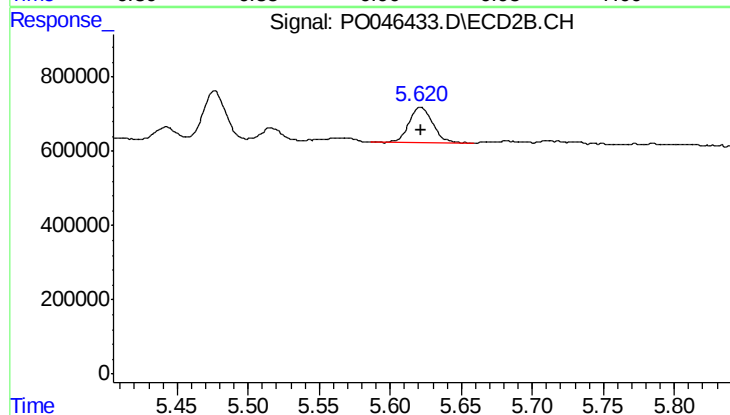
R.T.: 5.476 min
Delta R.T.: 0.000 min
Response: 1410030
Conc: 244.50 ng/ml



#27 AR-1254-2

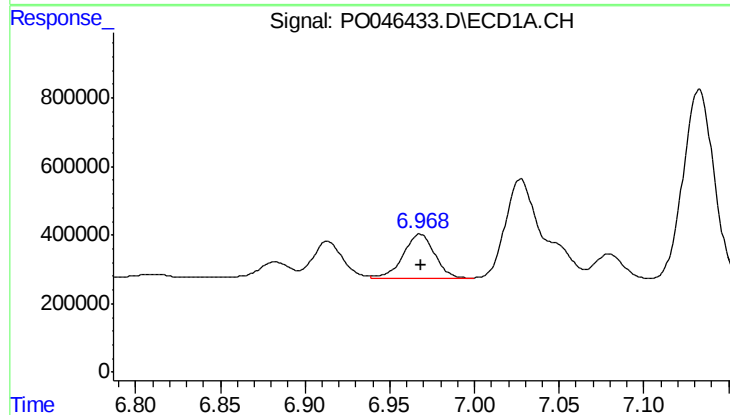
R.T.: 6.913 min
Delta R.T.: 0.030 min
Response: 1309351
Conc: 115.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



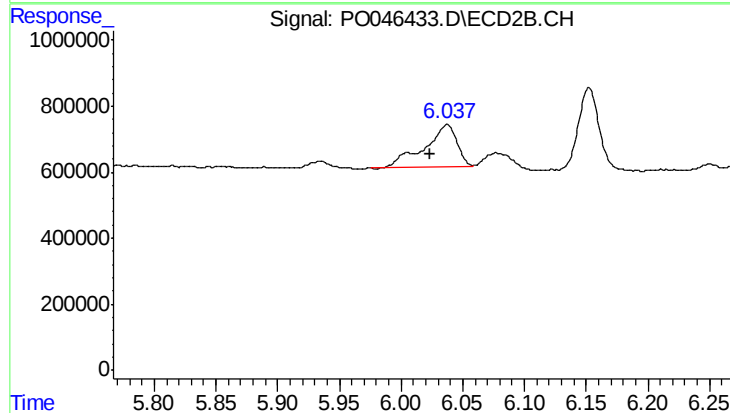
#27 AR-1254-2

R.T.: 5.621 min
Delta R.T.: 0.000 min
Response: 1099559
Conc: 193.48 ng/ml



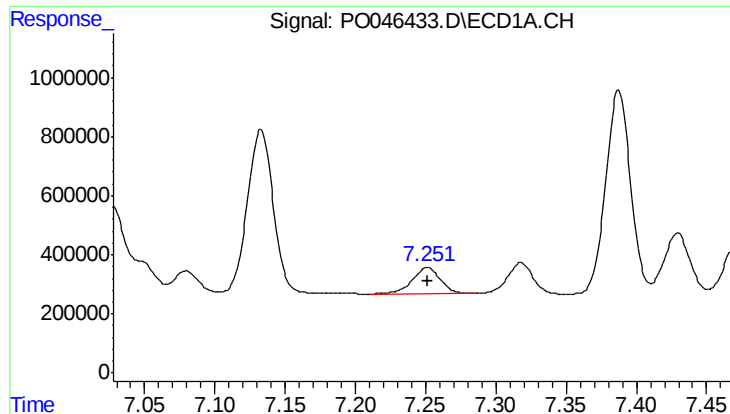
#28 AR-1254-3

R.T.: 6.968 min
Delta R.T.: 0.000 min
Response: 1663993
Conc: 80.78 ng/ml



#28 AR-1254-3

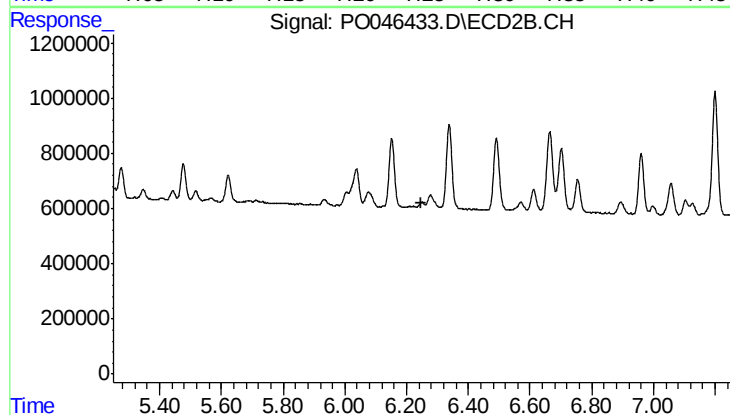
R.T.: 6.037 min
Delta R.T.: 0.014 min
Response: 2331239
Conc: 260.64 ng/ml



#29 AR-1254-4

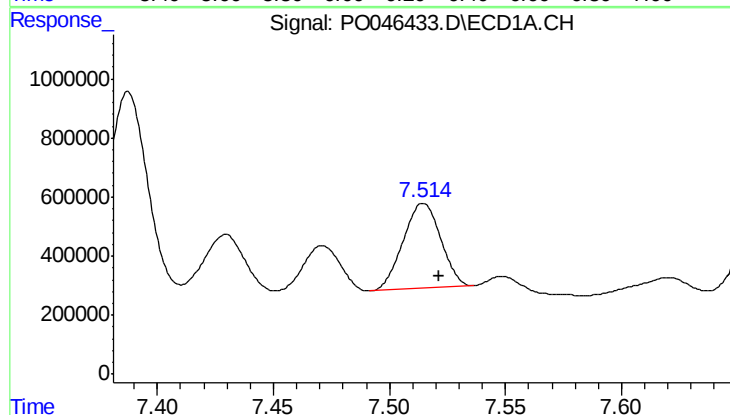
R.T.: 7.251 min
Delta R.T.: 0.000 min
Response: 1213337
Conc: 75.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



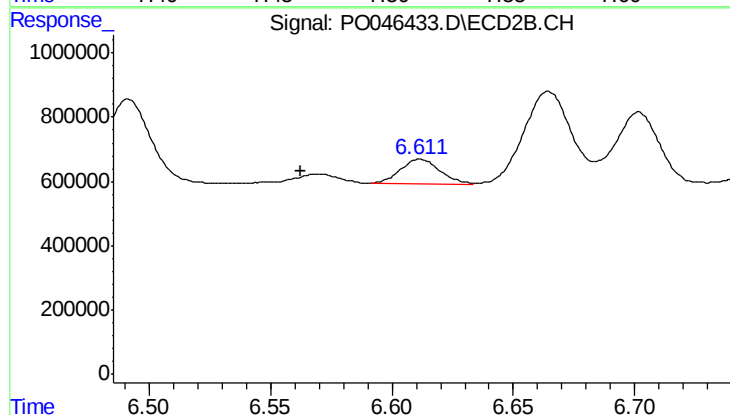
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T.: 6.250 min
Response: 0
Conc: N.D.



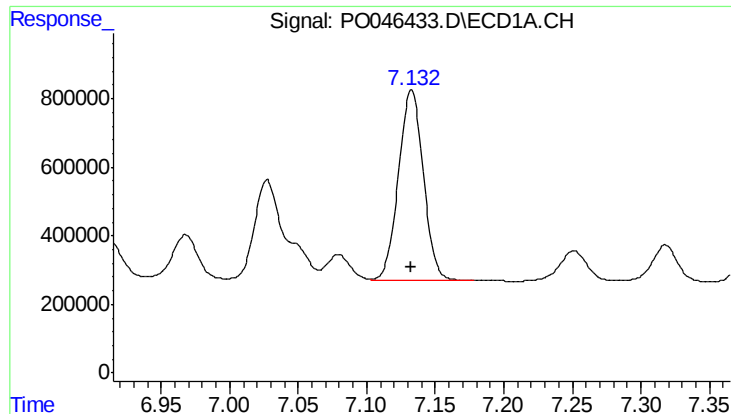
#30 AR-1254-5

R.T.: 7.515 min
Delta R.T.: -0.007 min
Response: 3280319
Conc: 310.30 ng/ml



#30 AR-1254-5

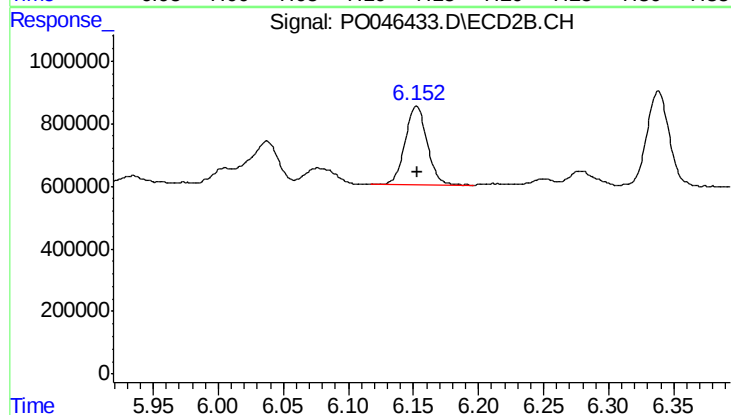
R.T.: 6.612 min
Delta R.T.: 0.049 min
Response: 888225
Conc: 214.03 ng/ml



#31 AR-1260-1

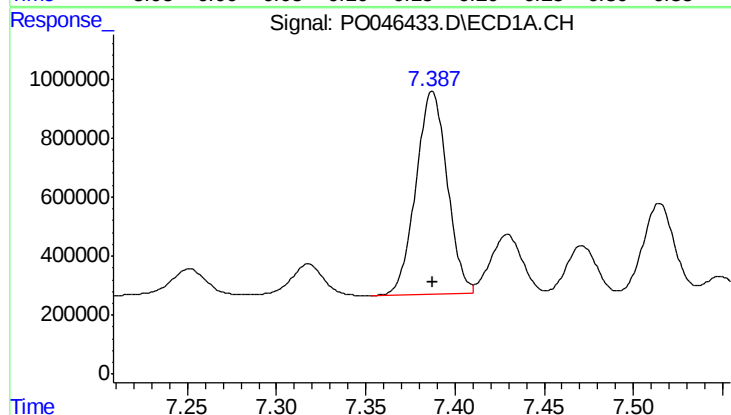
R.T.: 7.133 min
Delta R.T.: 0.000 min
Response: 6992395
Conc: 486.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



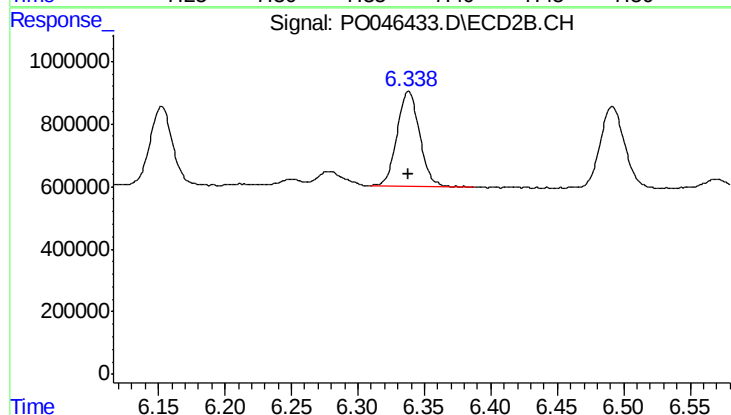
#31 AR-1260-1

R.T.: 6.152 min
Delta R.T.: 0.000 min
Response: 2954347
Conc: 469.08 ng/ml



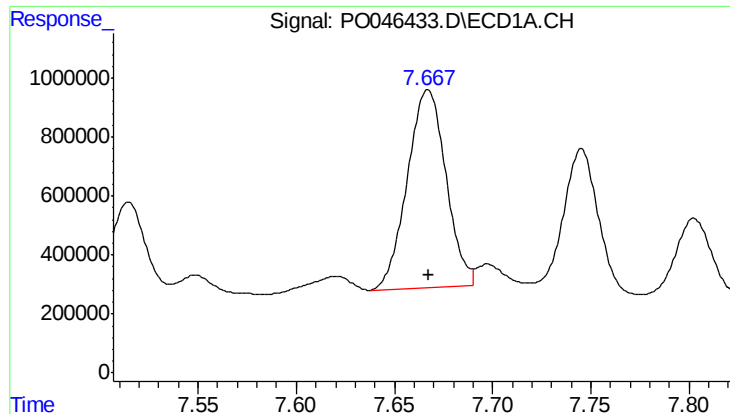
#32 AR-1260-2

R.T.: 7.387 min
Delta R.T.: 0.000 min
Response: 8403675
Conc: 483.01 ng/ml



#32 AR-1260-2

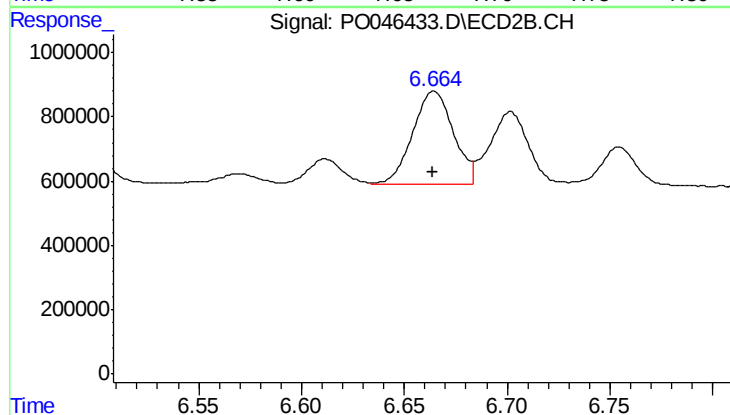
R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 3624146
Conc: 467.00 ng/ml



#33 AR-1260-3

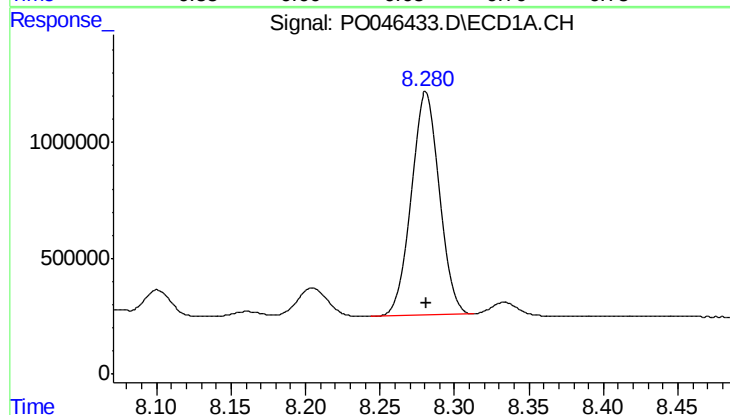
R.T.: 7.667 min
Delta R.T.: 0.000 min
Response: 9198123
Conc: 416.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



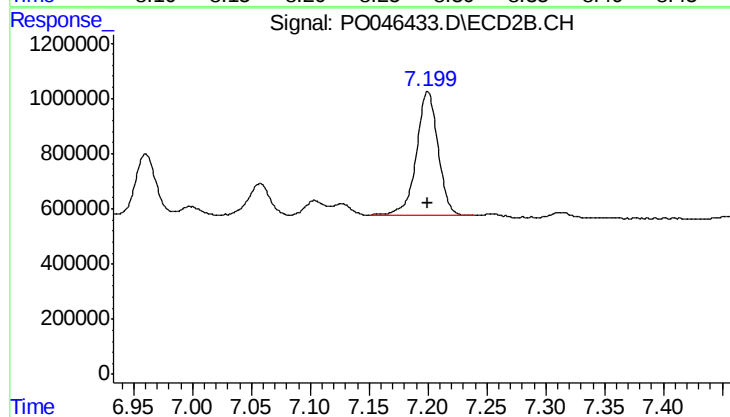
#33 AR-1260-3

R.T.: 6.664 min
Delta R.T.: 0.000 min
Response: 4018663
Conc: 443.55 ng/ml



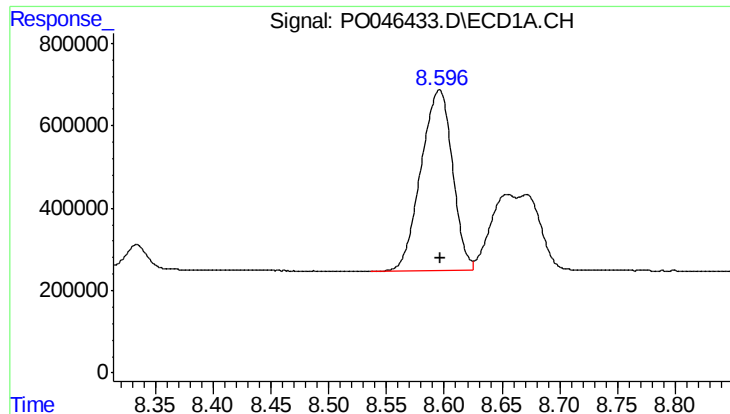
#34 AR-1260-4

R.T.: 8.281 min
Delta R.T.: 0.000 min
Response: 12678661
Conc: 457.62 ng/ml



#34 AR-1260-4

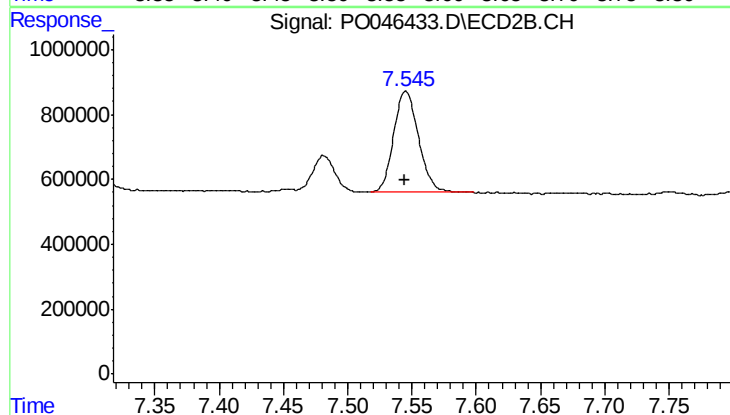
R.T.: 7.200 min
Delta R.T.: 0.000 min
Response: 5720195
Conc: 444.67 ng/ml



#35 AR-1260-5

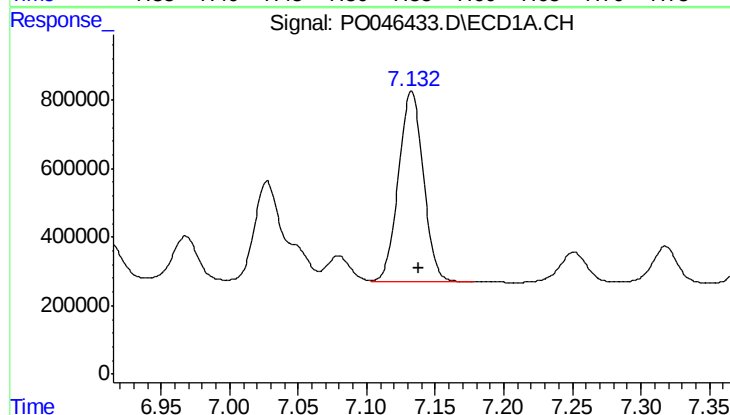
R.T.: 8.596 min
Delta R.T.: 0.000 min
Response: 8353968
Conc: 466.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



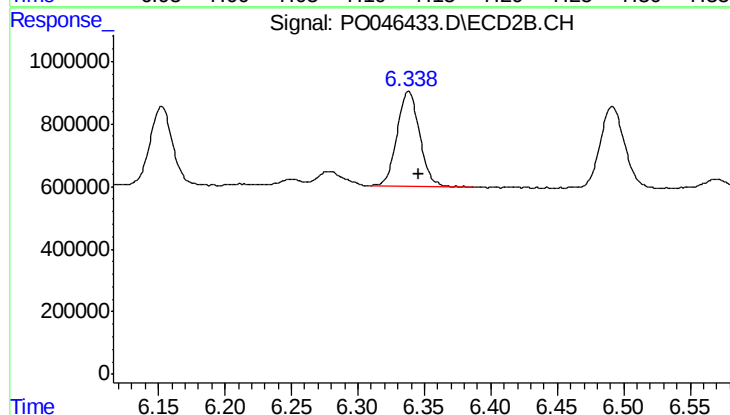
#35 AR-1260-5

R.T.: 7.545 min
Delta R.T.: 0.000 min
Response: 4176270
Conc: 455.85 ng/ml



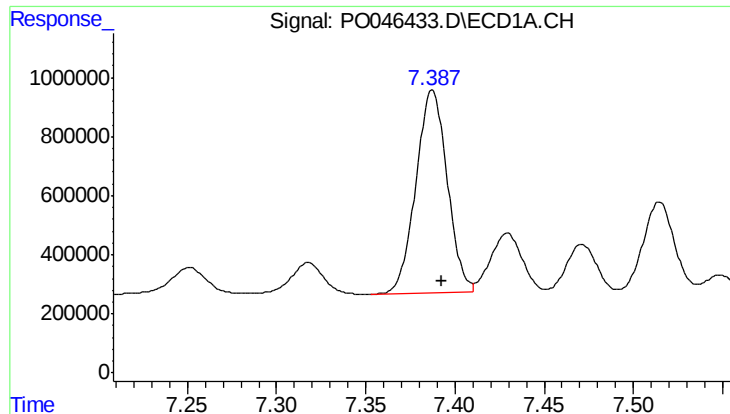
#36 AR-1262-1

R.T.: 7.133 min
Delta R.T.: -0.005 min
Response: 6992395
Conc: 551.92 ng/ml



#36 AR-1262-1

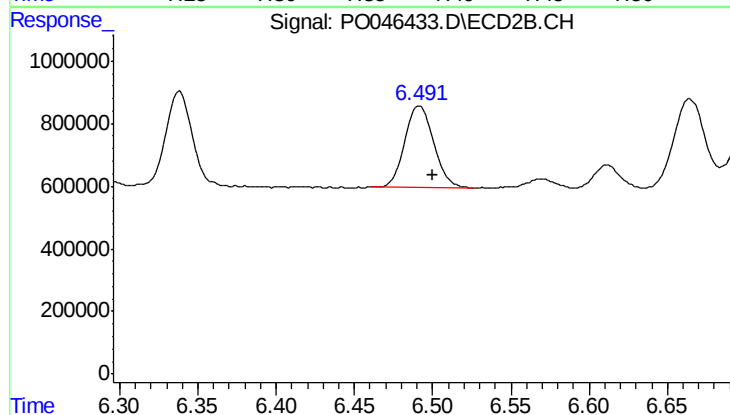
R.T.: 6.338 min
Delta R.T.: -0.007 min
Response: 3624146
Conc: 548.80 ng/ml



#37 AR-1262-2

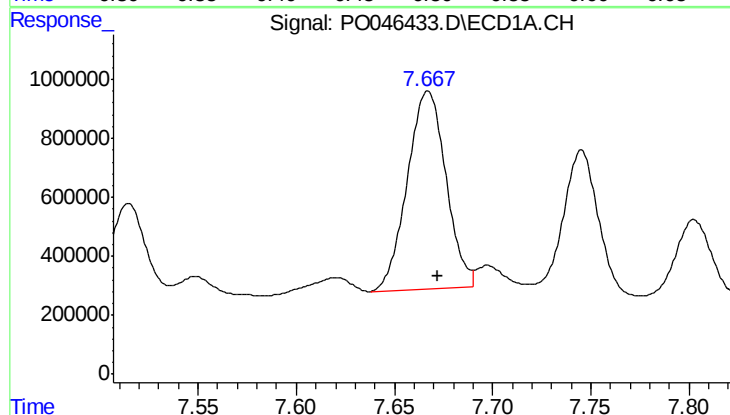
R.T.: 7.387 min
Delta R.T.: -0.005 min
Response: 8403675
Conc: 555.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



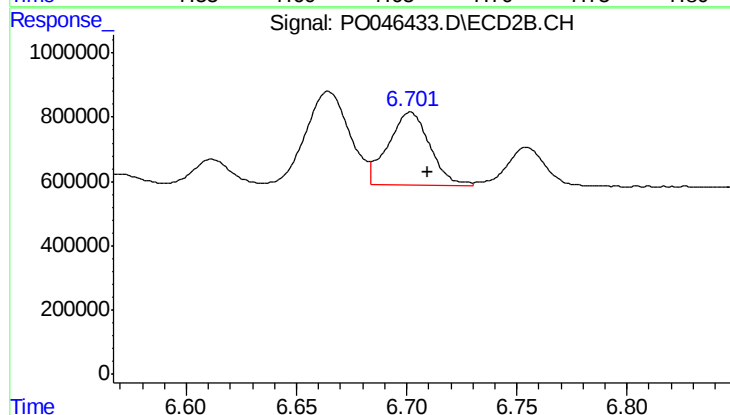
#37 AR-1262-2

R.T.: 6.491 min
Delta R.T.: -0.009 min
Response: 3318451
Conc: 535.57 ng/ml



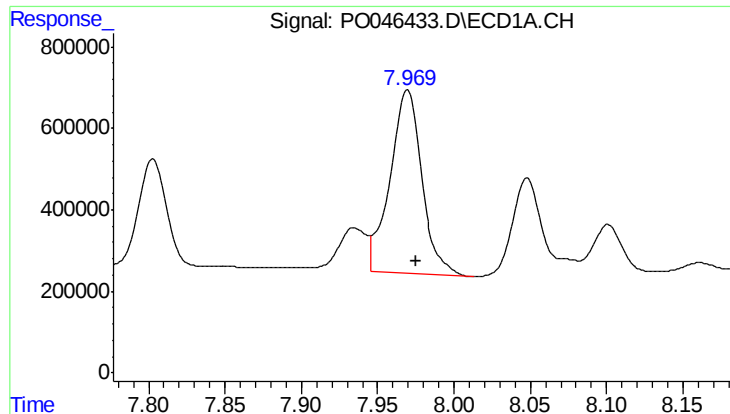
#38 AR-1262-3

R.T.: 7.667 min
Delta R.T.: -0.005 min
Response: 9198123
Conc: 556.03 ng/ml



#38 AR-1262-3

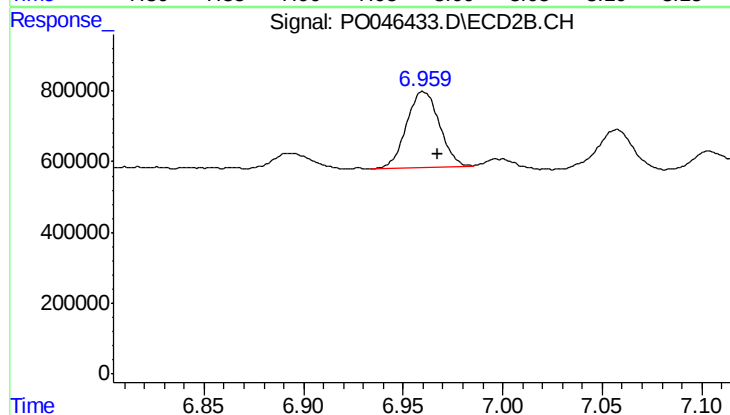
R.T.: 6.702 min
Delta R.T.: -0.008 min
Response: 3010195
Conc: 354.85 ng/ml



#39 AR-1262-4

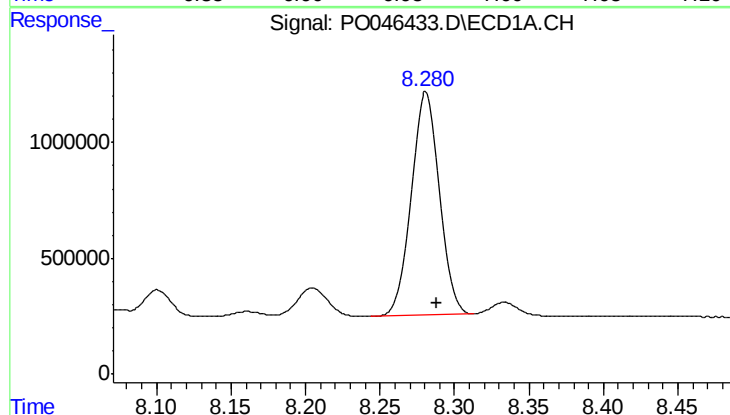
R.T.: 7.969 min
Delta R.T.: -0.006 min
Response: 6580326
Conc: 373.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



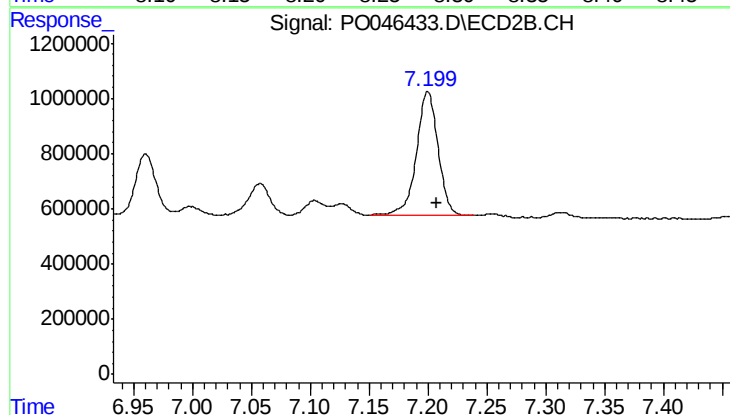
#39 AR-1262-4

R.T.: 6.960 min
Delta R.T.: -0.007 min
Response: 2458402
Conc: 359.66 ng/ml



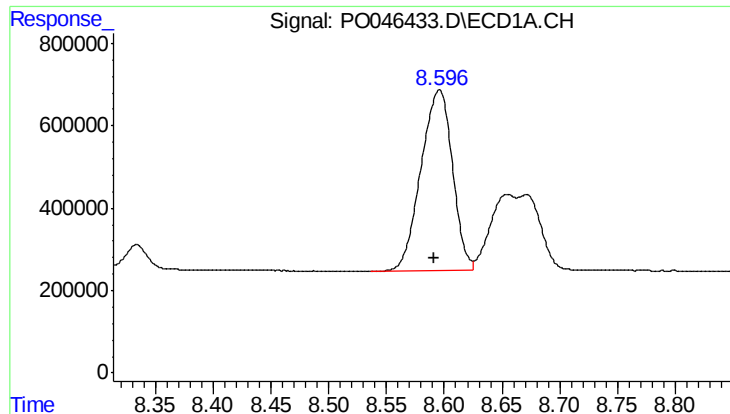
#40 AR-1262-5

R.T.: 8.281 min
Delta R.T.: -0.007 min
Response: 12678661
Conc: 383.52 ng/ml



#40 AR-1262-5

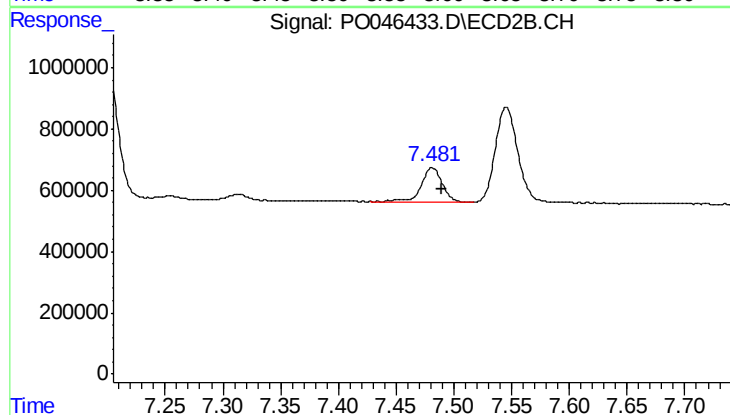
R.T.: 7.200 min
Delta R.T.: -0.007 min
Response: 5720195
Conc: 416.42 ng/ml



#41 AR-1268-1

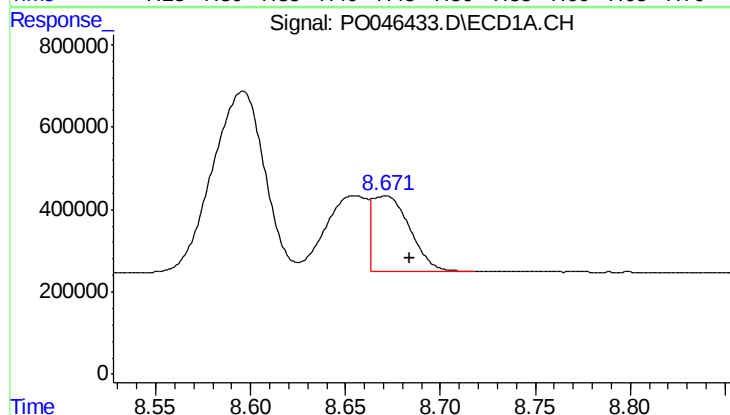
R.T.: 8.596 min
Delta R.T.: 0.004 min
Response: 8353968
Conc: 238.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



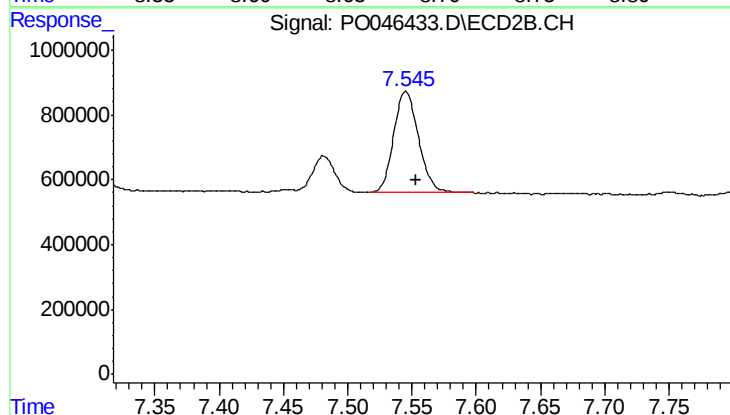
#41 AR-1268-1

R.T.: 7.481 min
Delta R.T.: -0.009 min
Response: 1398005
Conc: 106.48 ng/ml



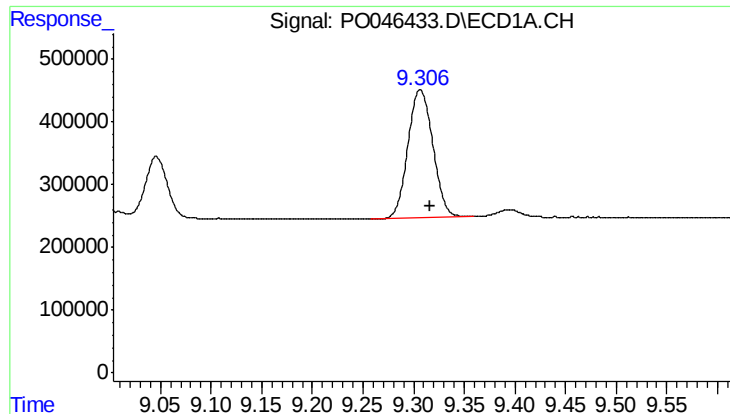
#42 AR-1268-2

R.T.: 8.672 min
Delta R.T.: -0.012 min
Response: 2543701
Conc: 78.92 ng/ml



#42 AR-1268-2

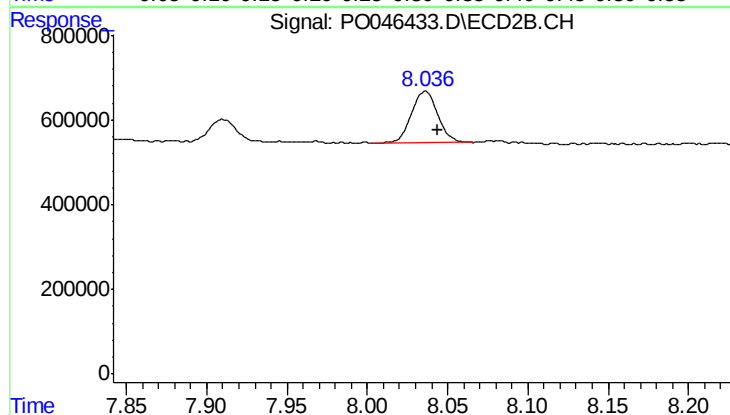
R.T.: 7.545 min
Delta R.T.: -0.008 min
Response: 4176270
Conc: 335.93 ng/ml



#44 AR-1268-4

R.T.: 9.306 min
Delta R.T.: -0.010 min
Response: 3485232
Conc: 305.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



#44 AR-1268-4

R.T.: 8.036 min
Delta R.T.: -0.008 min
Response: 1382747
Conc: 305.70 ng/ml