

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081623\
 Data File : P0097141.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2023 09:25
 Operator : YP/AJ
 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 17 01:12:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	4.411	3.614	162.3E6	64726484	49.017	48.895
2) SA Decachlor...	10.351	8.631	111.7E6	53570490	51.035	46.304
Target Compounds						
3) L1 AR-1016-1	5.596	4.700	47705683	21652386	506.518	488.370
4) L1 AR-1016-2	5.619	4.718	68770689	30396227	514.080	496.908
5) L1 AR-1016-3	5.682	4.894	42705128	15539100	490.744	475.661
6) L1 AR-1016-4	5.783	4.936	33707004	13226851	501.813	462.698
7) L1 AR-1016-5	6.084	5.150	34678658	17871969	496.708	464.853
8) L2 AR-1221-1	4.617	3.826	5964197	2339672	146.342	134.797
9) L2 AR-1221-2	4.710	3.913	8721789	3425634	287.091	265.127
10) L2 AR-1221-3	4.786	3.989	30097839	13274787	343.851	334.428
11) L3 AR-1232-1	4.786	3.989	30097839	13274787	412.675	410.386
12) L3 AR-1232-2	5.324	4.718	40747485	30396227	1027.785	1053.502
13) L3 AR-1232-3	5.619	4.894	68770689	15539100	1124.206	1024.881
14) L3 AR-1232-4	5.783	4.978	33707004	16526409	1104.647	1105.841
15) L3 AR-1232-5	5.876	5.150	31270454	17871969	1117.473	1093.302
16) L4 AR-1242-1	5.596	4.700	47705683	21652386	569.165	549.205
17) L4 AR-1242-2	5.619	4.718	68770689	30396227	583.981	557.822
18) L4 AR-1242-3	5.682	4.894	42705128	15539100	578.093	525.527
19) L4 AR-1242-4	5.783	4.978	33707004	16526409	566.216	524.417
20) L4 AR-1242-5	6.537	5.503	8456199	16913720	153.694	464.201 #
21) L5 AR-1248-1	5.596	4.700	47705683	21652386	814.173	771.577
22) L5 AR-1248-2	5.876	4.936	31270454	13226851	332.602	312.094
23) L5 AR-1248-3	6.084	4.978	34678658	16526409	354.555	376.756
24) L5 AR-1248-4	6.497	5.150	10105789	17871969	111.244	350.088 #
25) L5 AR-1248-5	6.537	5.543	8456199	4208777	95.999	90.024
26) L6 AR-1254-1	6.470	5.503	29299017	16913720	268.083	229.195
27) L6 AR-1254-2	6.694	5.651	25286010	12255834	156.834	186.032
28) L6 AR-1254-3	7.072	6.070	11767741	23017350	75.099	227.754 #
29) L6 AR-1254-4	7.365	6.285	7198570	1713650	71.402	29.610 #
30) L6 AR-1254-5	7.795	6.703	74647885	41390217	665.226	470.798 #
31) L7 AR-1260-1	7.240	6.186	61434308	33460658	488.784	475.509
32) L7 AR-1260-2	7.504	6.375	67993704	39366688	504.647	471.666
33) L7 AR-1260-3	7.873	6.528	51939425	35701614	500.505	462.339
34) L7 AR-1260-4	8.106	7.002	56806501	30390546	508.092	474.243
35) L7 AR-1260-5	8.440	7.245	108.5E6	66337658	516.485	478.509
36) L8 AR-1262-1	7.873	6.795	51939425	16952758	349.697	430.615
37) L8 AR-1262-2	8.440	7.002	108.5E6	30390546	468.538	374.706
38) L8 AR-1262-3	8.781	7.529	70130081	16132118	420.448	251.384 #
39) L8 AR-1262-4	8.841	7.593	24731295	48485746	339.217	426.809 #
40) L8 AR-1262-5	9.553	8.090	29910874	16095872	359.169	306.484
41) L9 AR-1268-1	8.781	7.529	70130081	16132118	228.137	87.064 #

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Instrument :
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Integration File signal 1: autoint1.e
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 Quant Time: Aug 17 01:12:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 2023
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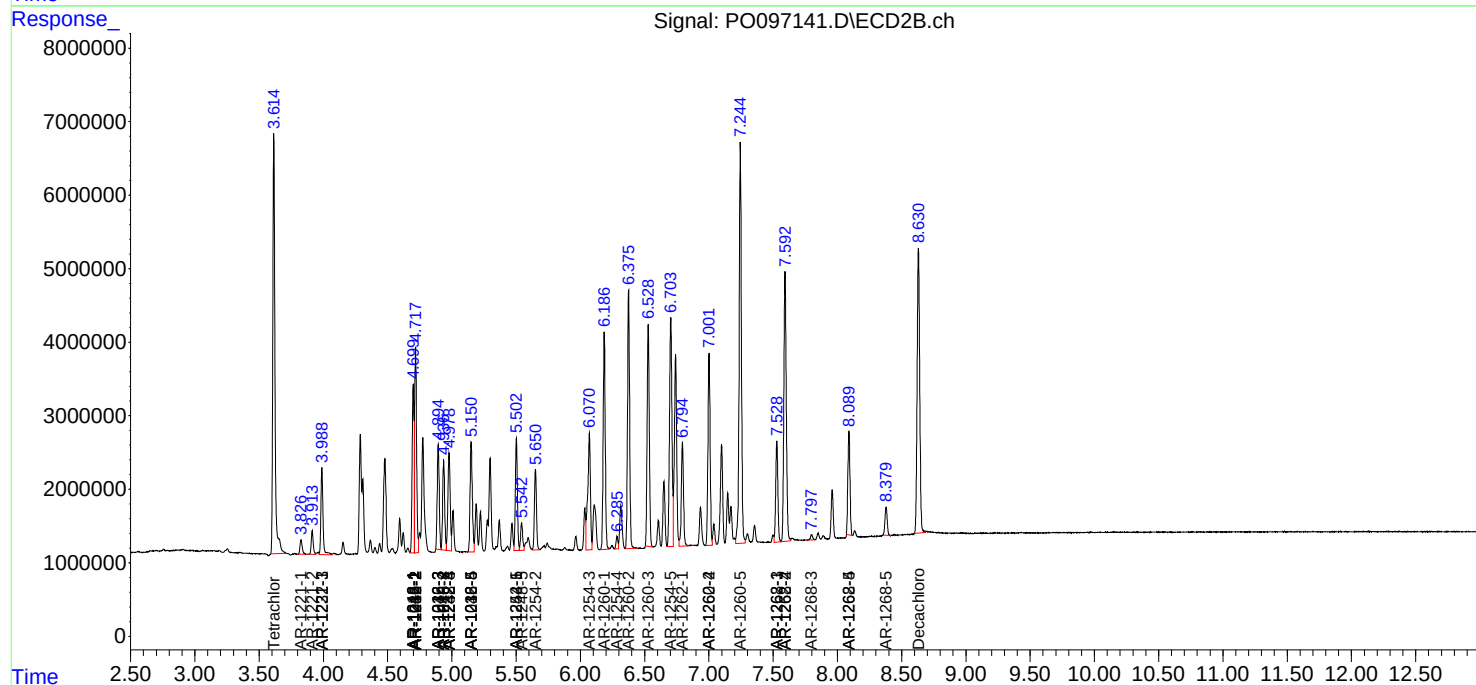
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

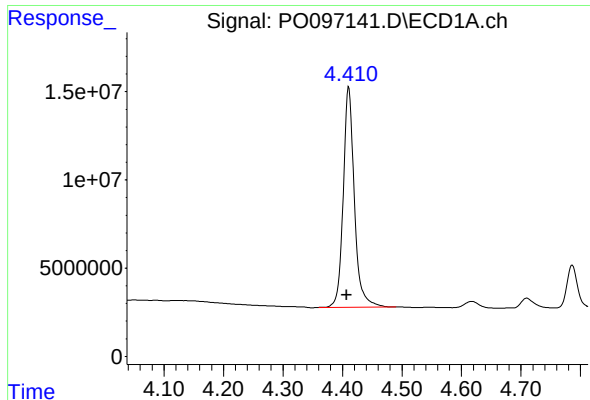
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.860	7.593	19753549	48485746	72.042	289.143 #
43) L9	AR-1268-3	9.103	7.799	1814869	887305	7.106	6.141
44) L9	AR-1268-4	9.553	8.090	29910874	16095872	322.618	270.187
45) L9	AR-1268-5	9.993	8.379	8446992	4631416	10.457	11.135

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

Instrument :
ECD_O
ClientSampleId :

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

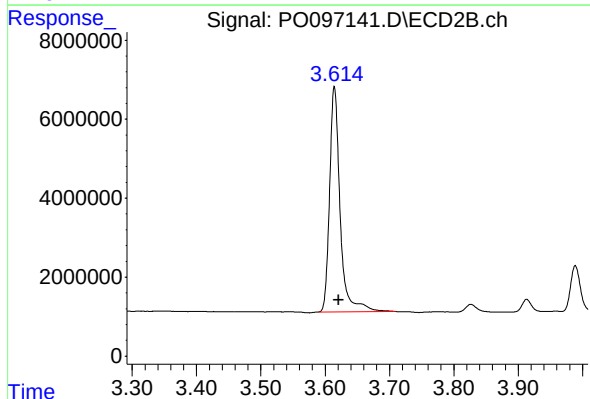




#1 Tetrachloro-m-xylene

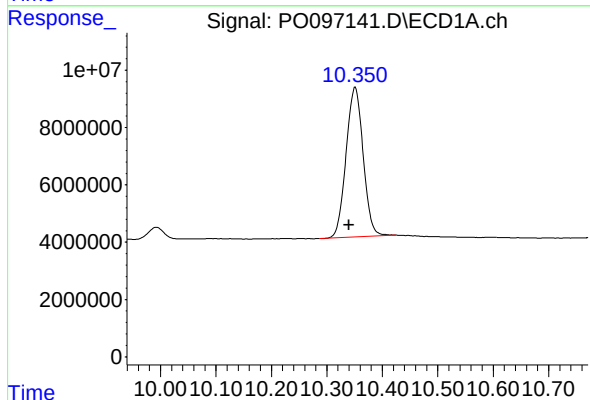
R.T.: 4.411 min
Delta R.T.: 0.004 min
Response: 162256816
Conc: 49.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



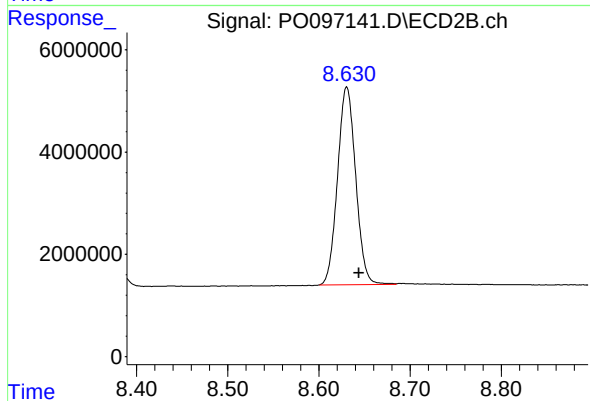
#1 Tetrachloro-m-xylene

R.T.: 3.614 min
Delta R.T.: -0.007 min
Response: 64726484
Conc: 48.89 ng/ml



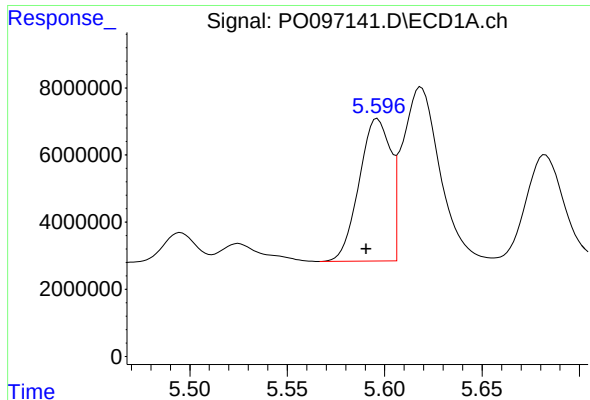
#2 Decachlorobiphenyl

R.T.: 10.351 min
Delta R.T.: 0.011 min
Response: 111674654
Conc: 51.04 ng/ml



#2 Decachlorobiphenyl

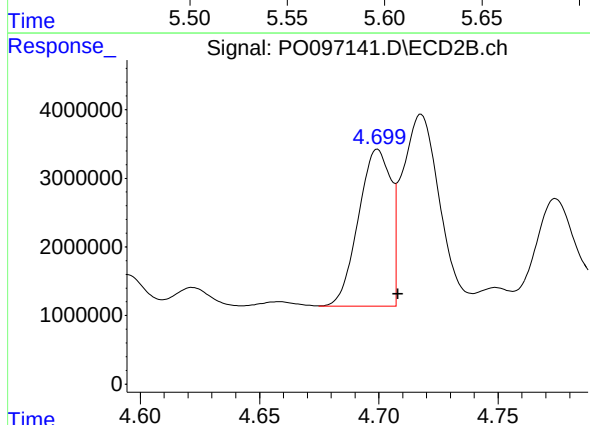
R.T.: 8.631 min
Delta R.T.: -0.014 min
Response: 53570490
Conc: 46.30 ng/ml



#3 AR-1016-1

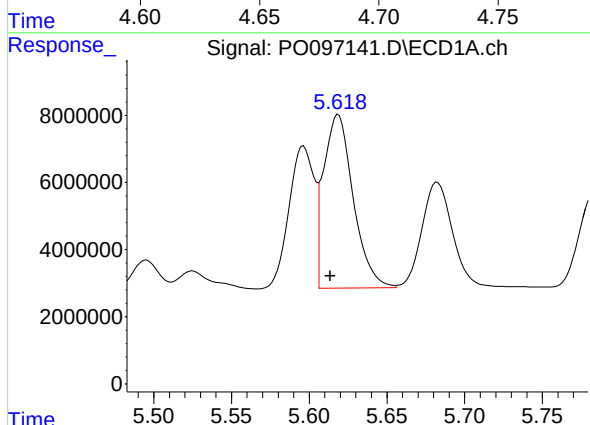
R.T.: 5.596 min
Delta R.T.: 0.006 min
Response: 47705683
Conc: 506.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



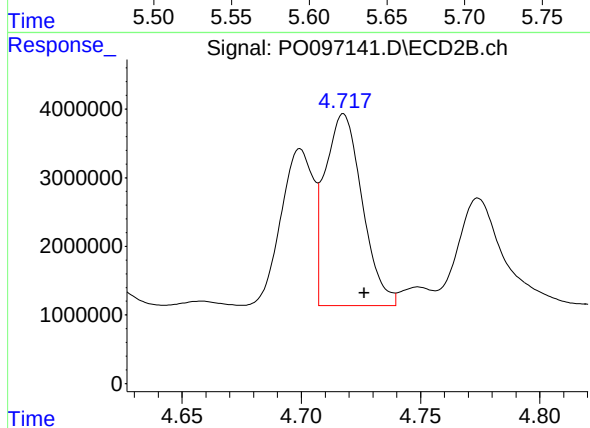
#3 AR-1016-1

R.T.: 4.700 min
Delta R.T.: -0.009 min
Response: 21652386
Conc: 488.37 ng/ml



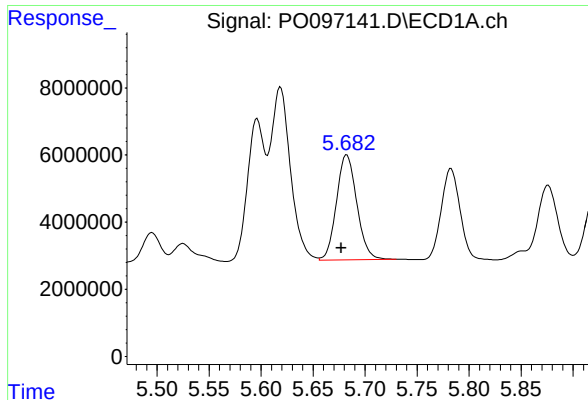
#4 AR-1016-2

R.T.: 5.619 min
Delta R.T.: 0.005 min
Response: 68770689
Conc: 514.08 ng/ml



#4 AR-1016-2

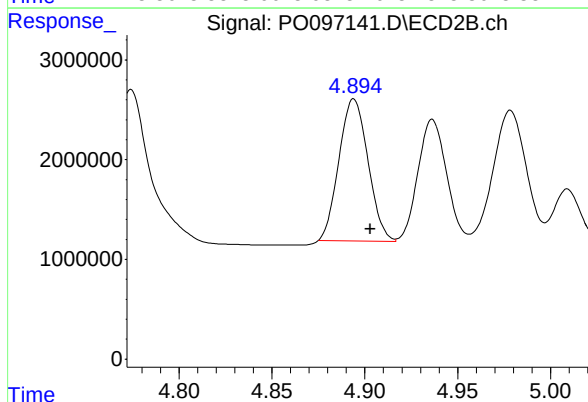
R.T.: 4.718 min
Delta R.T.: -0.009 min
Response: 30396227
Conc: 496.91 ng/ml



#5 AR-1016-3

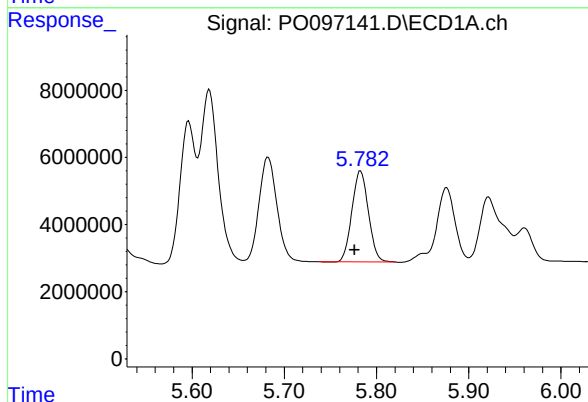
R.T.: 5.682 min
Delta R.T.: 0.006 min
Response: 42705128
Conc: 490.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



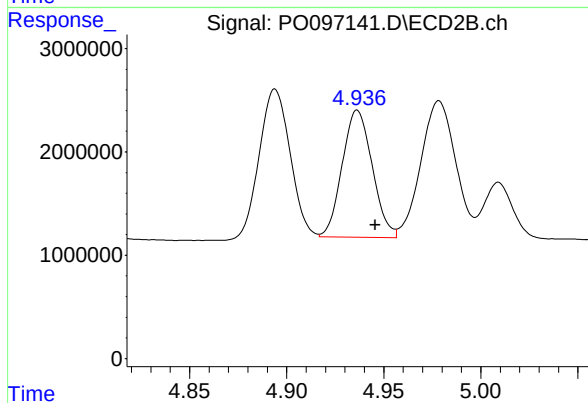
#5 AR-1016-3

R.T.: 4.894 min
Delta R.T.: -0.009 min
Response: 15539100
Conc: 475.66 ng/ml



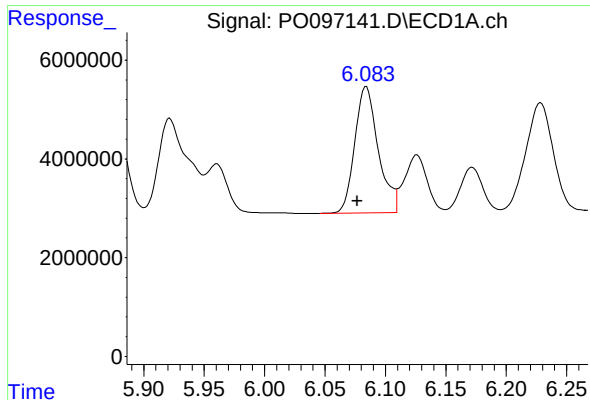
#6 AR-1016-4

R.T.: 5.783 min
Delta R.T.: 0.006 min
Response: 33707004
Conc: 501.81 ng/ml



#6 AR-1016-4

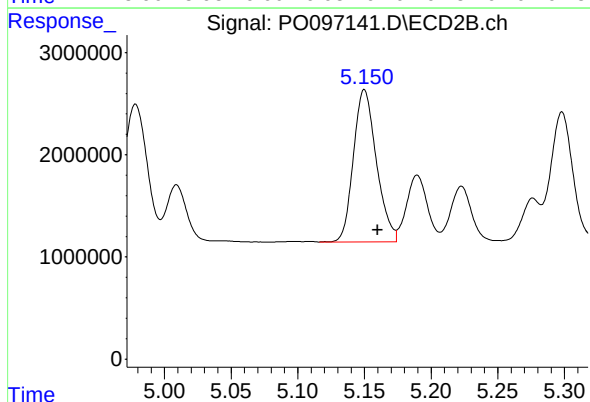
R.T.: 4.936 min
Delta R.T.: -0.009 min
Response: 13226851
Conc: 462.70 ng/ml



#7 AR-1016-5

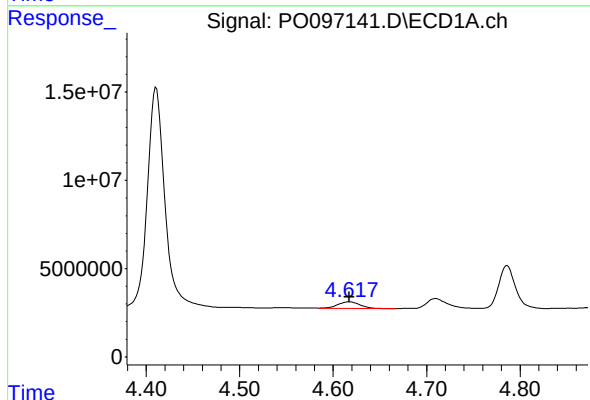
R.T.: 6.084 min
Delta R.T.: 0.008 min
Response: 34678658
Conc: 496.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



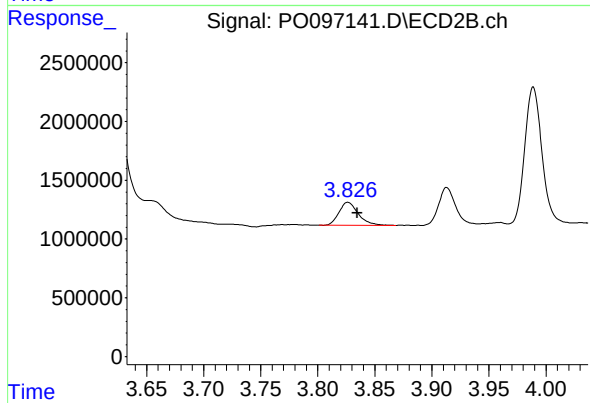
#7 AR-1016-5

R.T.: 5.150 min
Delta R.T.: -0.010 min
Response: 17871969
Conc: 464.85 ng/ml



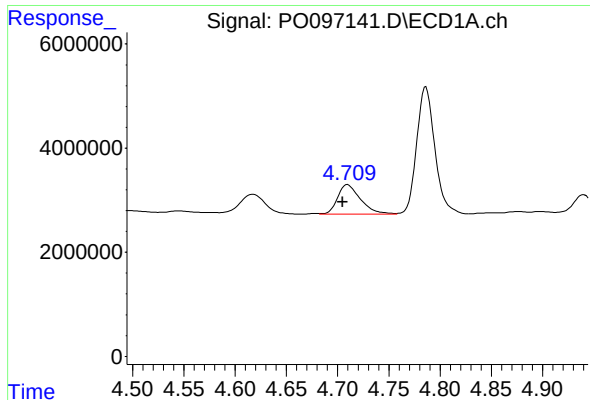
#8 AR-1221-1

R.T.: 4.617 min
Delta R.T.: 0.000 min
Response: 5964197
Conc: 146.34 ng/ml



#8 AR-1221-1

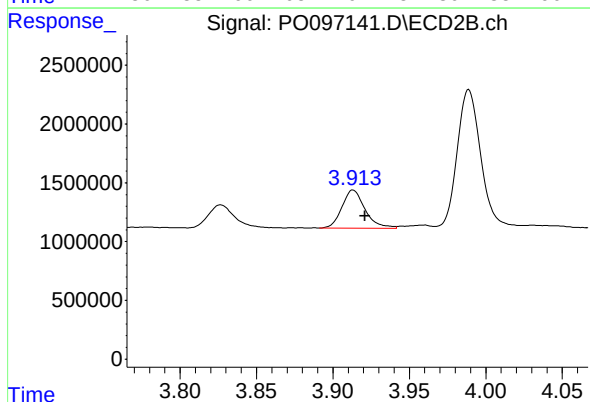
R.T.: 3.826 min
Delta R.T.: -0.009 min
Response: 2339672
Conc: 134.80 ng/ml



#9 AR-1221-2

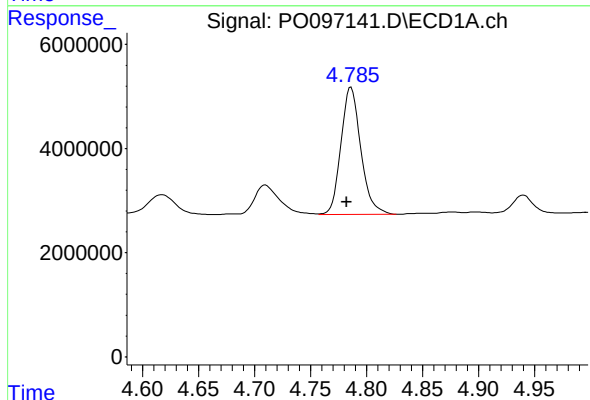
R.T.: 4.710 min
Delta R.T.: 0.005 min
Response: 8721789
Conc: 287.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



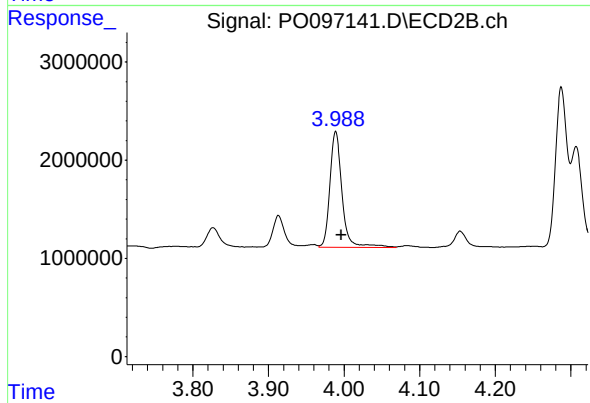
#9 AR-1221-2

R.T.: 3.913 min
Delta R.T.: -0.008 min
Response: 3425634
Conc: 265.13 ng/ml



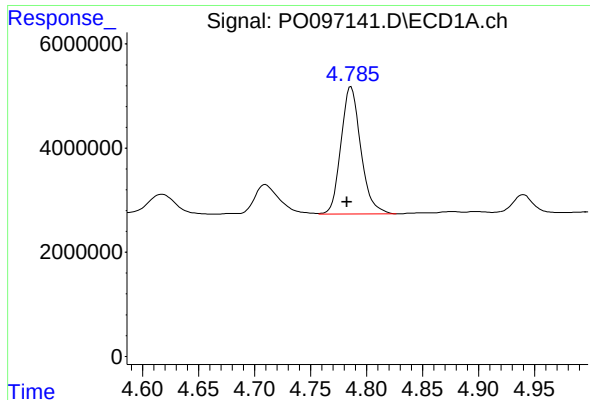
#10 AR-1221-3

R.T.: 4.786 min
Delta R.T.: 0.004 min
Response: 30097839
Conc: 343.85 ng/ml



#10 AR-1221-3

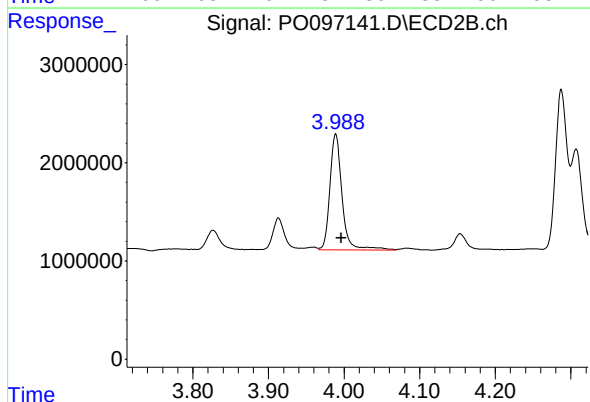
R.T.: 3.989 min
Delta R.T.: -0.008 min
Response: 13274787
Conc: 334.43 ng/ml



#11 AR-1232-1

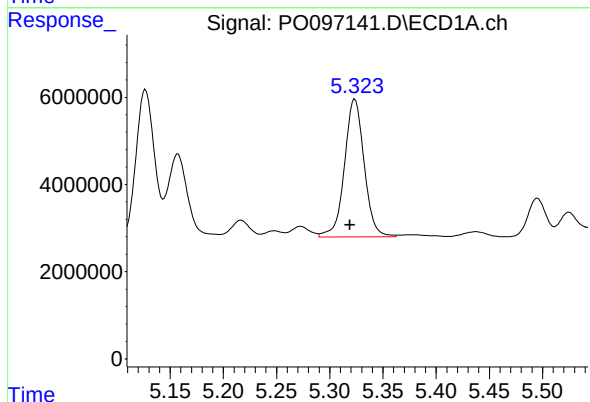
R.T.: 4.786 min
Delta R.T.: 0.004 min
Response: 30097839
Conc: 412.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



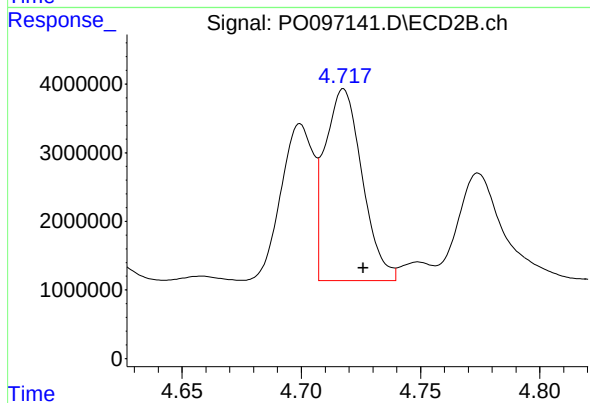
#11 AR-1232-1

R.T.: 3.989 min
Delta R.T.: -0.007 min
Response: 13274787
Conc: 410.39 ng/ml



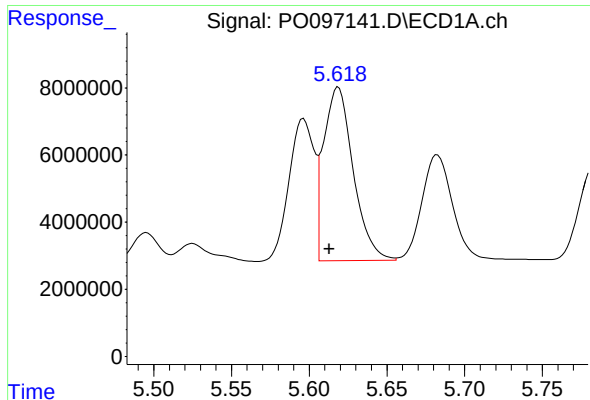
#12 AR-1232-2

R.T.: 5.324 min
Delta R.T.: 0.005 min
Response: 40747485
Conc: 1027.78 ng/ml



#12 AR-1232-2

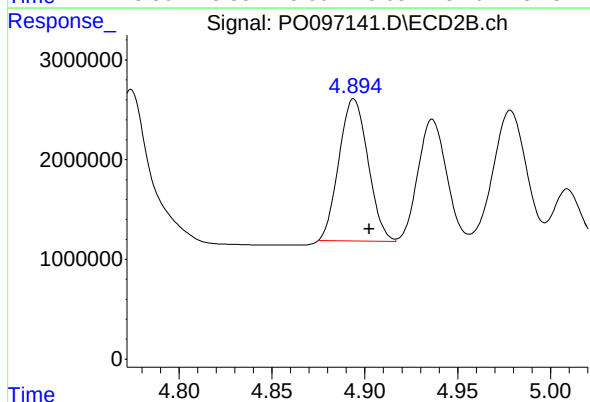
R.T.: 4.718 min
Delta R.T.: -0.008 min
Response: 30396227
Conc: 1053.50 ng/ml



#13 AR-1232-3

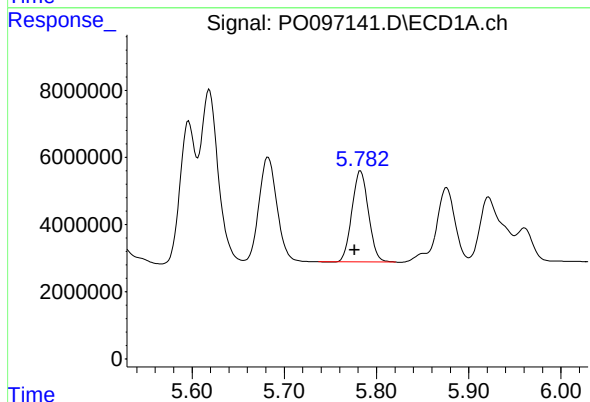
R.T.: 5.619 min
Delta R.T.: 0.006 min
Response: 68770689
Conc: 1124.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



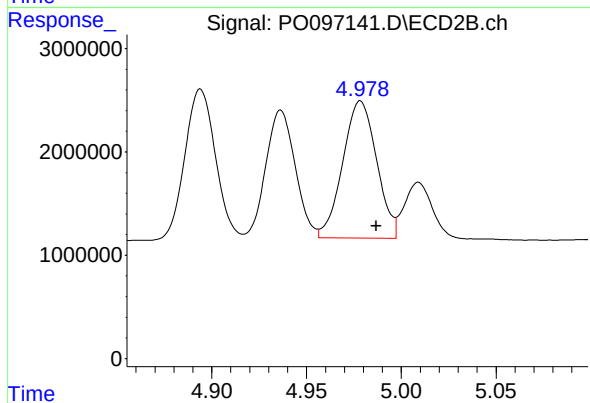
#13 AR-1232-3

R.T.: 4.894 min
Delta R.T.: -0.008 min
Response: 15539100
Conc: 1024.88 ng/ml



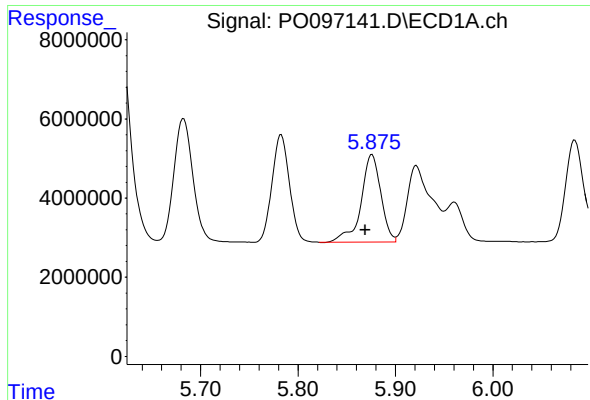
#14 AR-1232-4

R.T.: 5.783 min
Delta R.T.: 0.006 min
Response: 33707004
Conc: 1104.65 ng/ml



#14 AR-1232-4

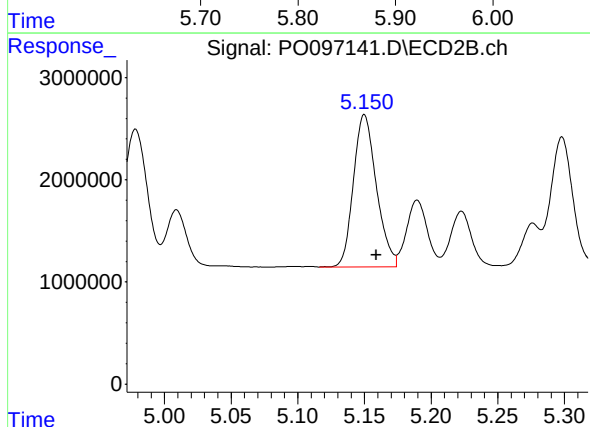
R.T.: 4.978 min
Delta R.T.: -0.008 min
Response: 16526409
Conc: 1105.84 ng/ml



#15 AR-1232-5

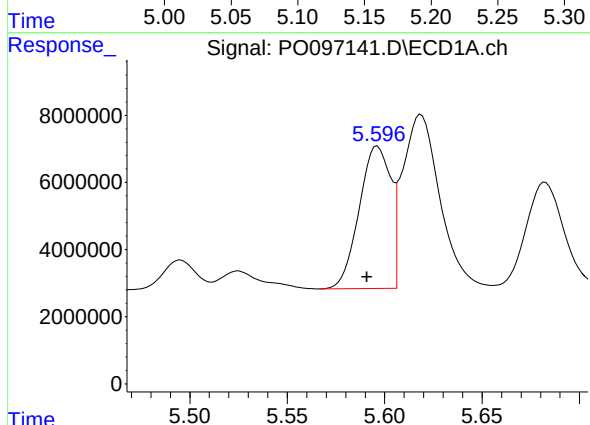
R.T.: 5.876 min
Delta R.T.: 0.007 min
Response: 31270454
Conc: 1117.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



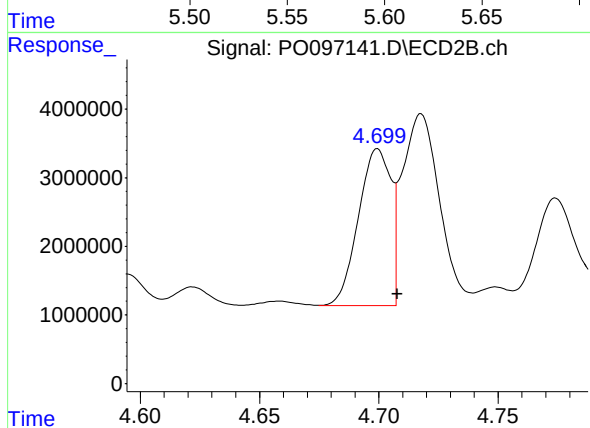
#15 AR-1232-5

R.T.: 5.150 min
Delta R.T.: -0.009 min
Response: 17871969
Conc: 1093.30 ng/ml



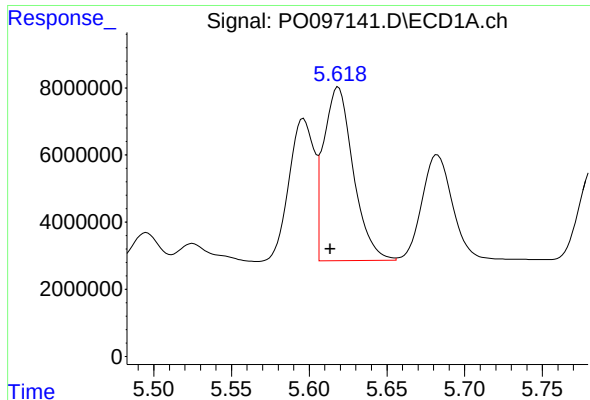
#16 AR-1242-1

R.T.: 5.596 min
Delta R.T.: 0.005 min
Response: 47705683
Conc: 569.17 ng/ml



#16 AR-1242-1

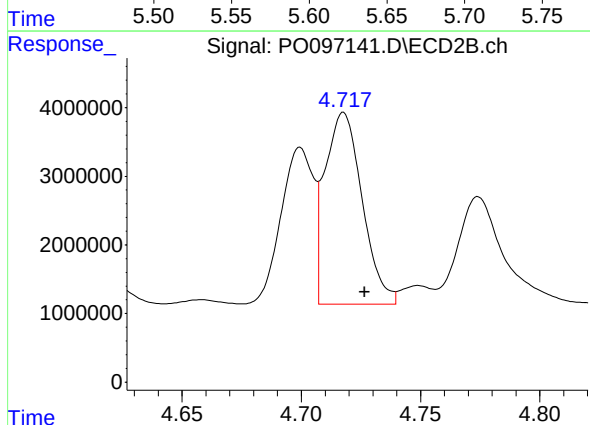
R.T.: 4.700 min
Delta R.T.: -0.008 min
Response: 21652386
Conc: 549.20 ng/ml



#17 AR-1242-2

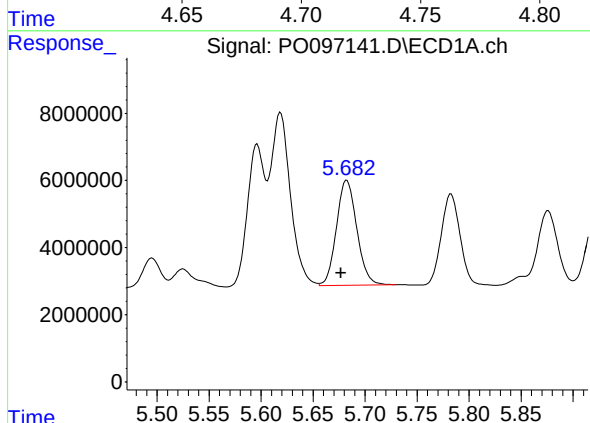
R.T.: 5.619 min
Delta R.T.: 0.005 min
Response: 68770689
Conc: 583.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



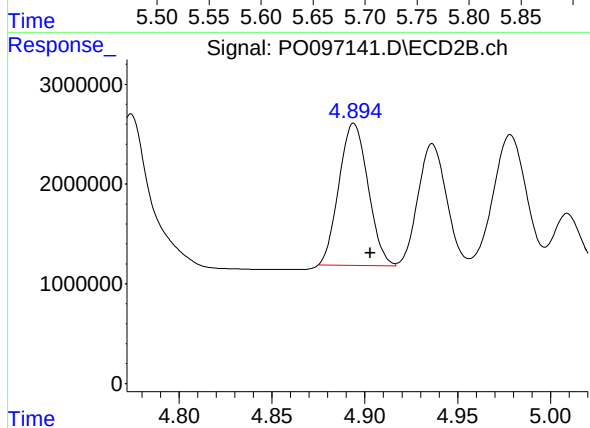
#17 AR-1242-2

R.T.: 4.718 min
Delta R.T.: -0.009 min
Response: 30396227
Conc: 557.82 ng/ml



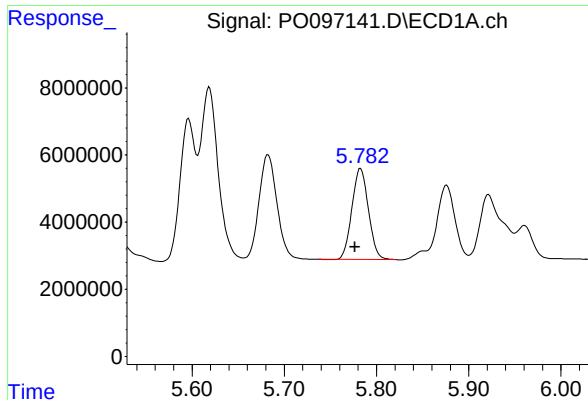
#18 AR-1242-3

R.T.: 5.682 min
Delta R.T.: 0.006 min
Response: 42705128
Conc: 578.09 ng/ml



#18 AR-1242-3

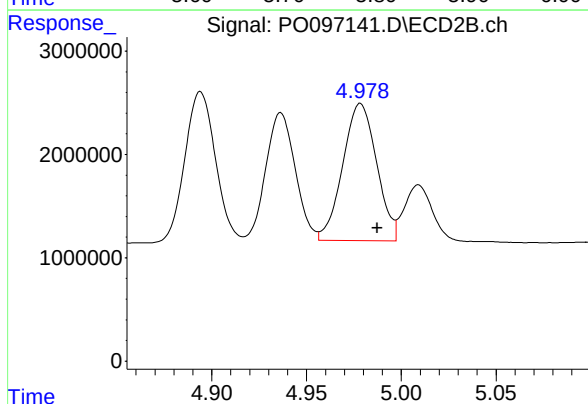
R.T.: 4.894 min
Delta R.T.: -0.009 min
Response: 15539100
Conc: 525.53 ng/ml



#19 AR-1242-4

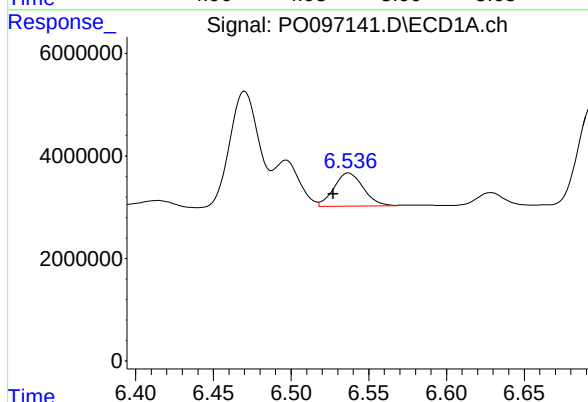
R.T.: 5.783 min
Delta R.T.: 0.006 min
Response: 33707004
Conc: 566.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



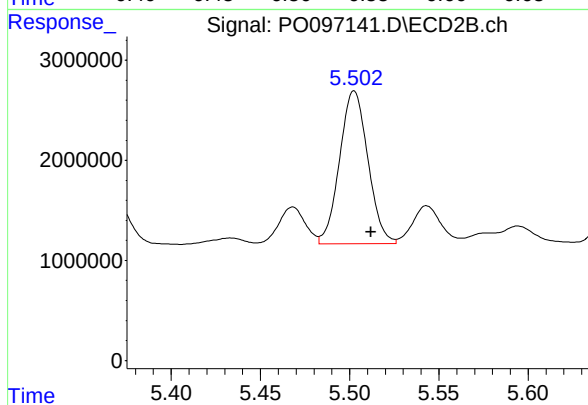
#19 AR-1242-4

R.T.: 4.978 min
Delta R.T.: -0.009 min
Response: 16526409
Conc: 524.42 ng/ml



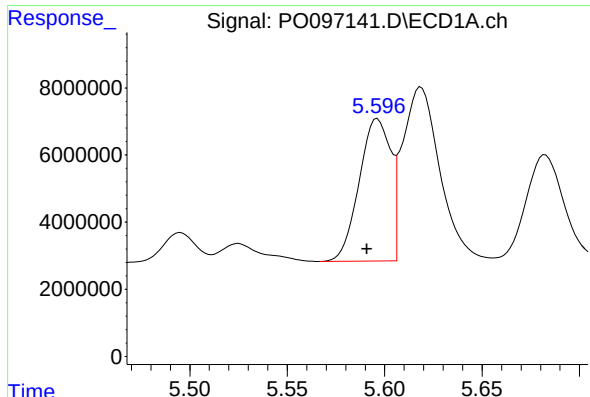
#20 AR-1242-5

R.T.: 6.537 min
Delta R.T.: 0.010 min
Response: 8456199
Conc: 153.69 ng/ml



#20 AR-1242-5

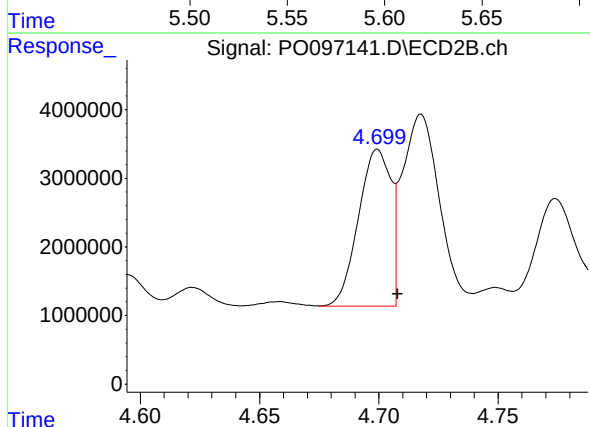
R.T.: 5.503 min
Delta R.T.: -0.009 min
Response: 16913720
Conc: 464.20 ng/ml



#21 AR-1248-1

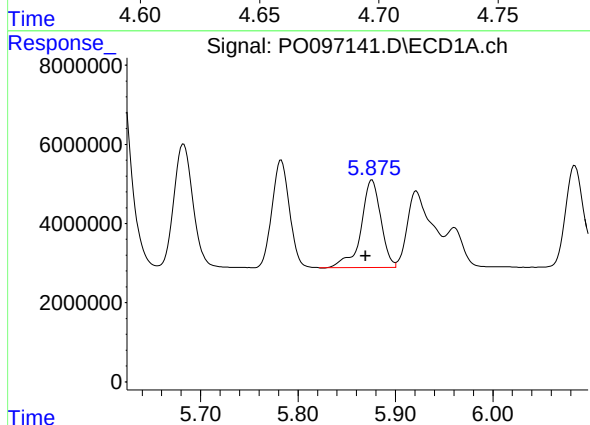
R.T.: 5.596 min
Delta R.T.: 0.005 min
Response: 47705683
Conc: 814.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



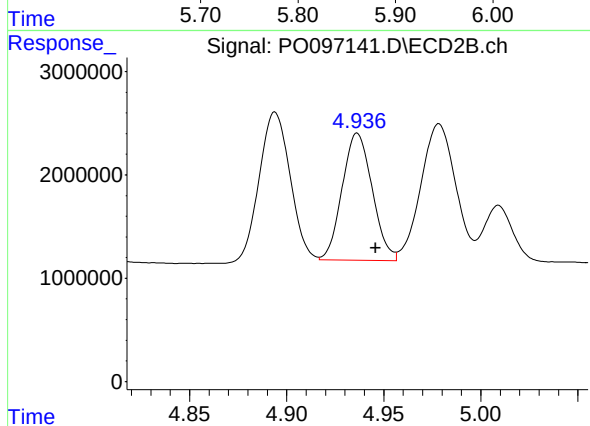
#21 AR-1248-1

R.T.: 4.700 min
Delta R.T.: -0.008 min
Response: 21652386
Conc: 771.58 ng/ml



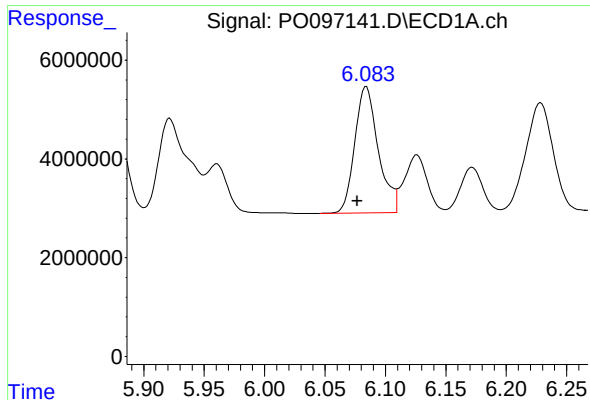
#22 AR-1248-2

R.T.: 5.876 min
Delta R.T.: 0.006 min
Response: 31270454
Conc: 332.60 ng/ml



#22 AR-1248-2

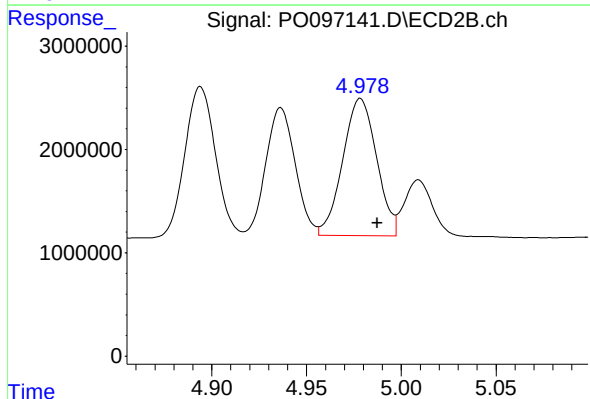
R.T.: 4.936 min
Delta R.T.: -0.009 min
Response: 13226851
Conc: 312.09 ng/ml



#23 AR-1248-3

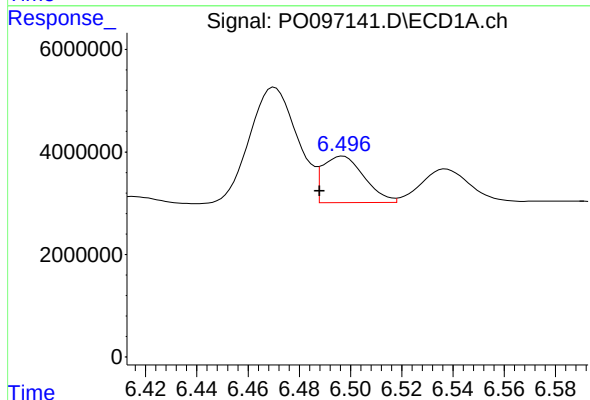
R.T.: 6.084 min
Delta R.T.: 0.007 min
Response: 34678658
Conc: 354.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



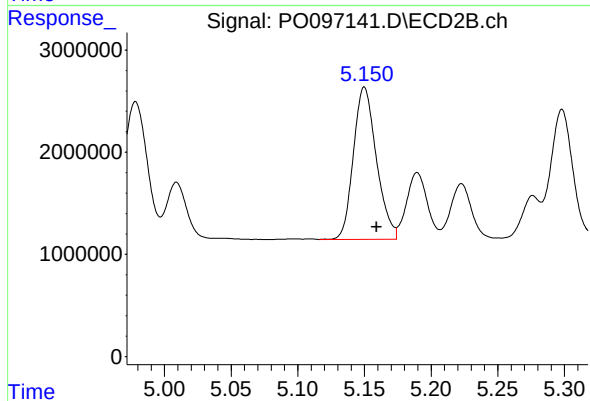
#23 AR-1248-3

R.T.: 4.978 min
Delta R.T.: -0.009 min
Response: 16526409
Conc: 376.76 ng/ml



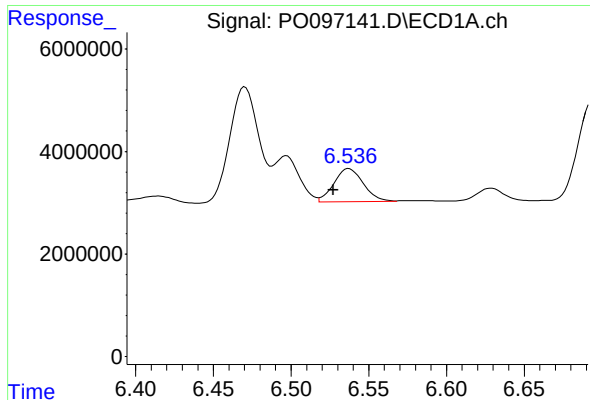
#24 AR-1248-4

R.T.: 6.497 min
Delta R.T.: 0.009 min
Response: 10105789
Conc: 111.24 ng/ml



#24 AR-1248-4

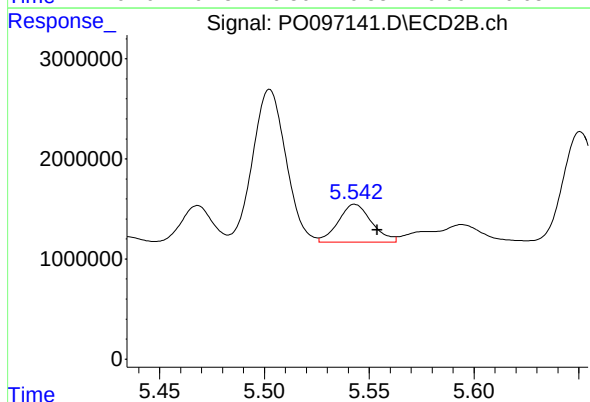
R.T.: 5.150 min
Delta R.T.: -0.009 min
Response: 17871969
Conc: 350.09 ng/ml



#25 AR-1248-5

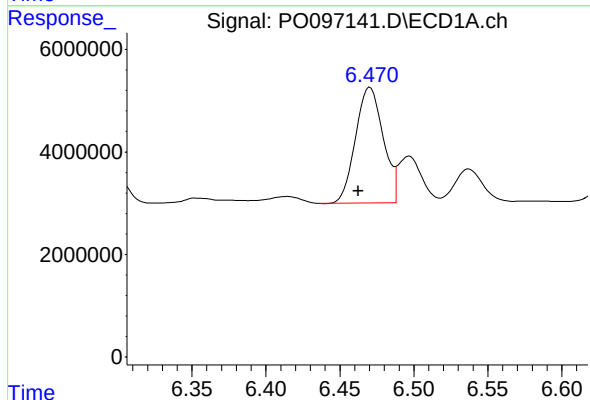
R.T.: 6.537 min
Delta R.T.: 0.010 min
Response: 8456199
Conc: 96.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



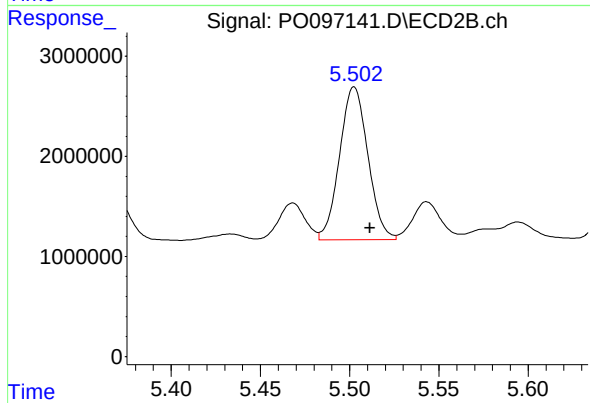
#25 AR-1248-5

R.T.: 5.543 min
Delta R.T.: -0.011 min
Response: 4208777
Conc: 90.02 ng/ml



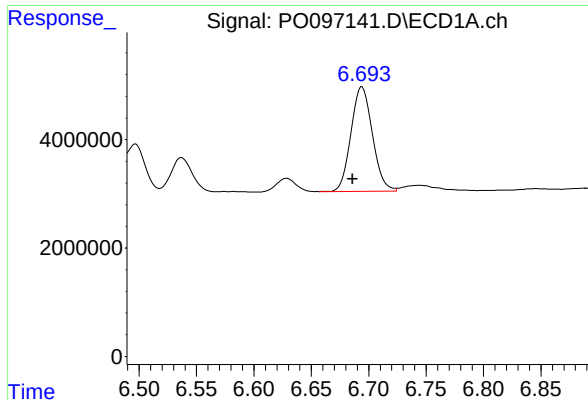
#26 AR-1254-1

R.T.: 6.470 min
Delta R.T.: 0.008 min
Response: 29299017
Conc: 268.08 ng/ml



#26 AR-1254-1

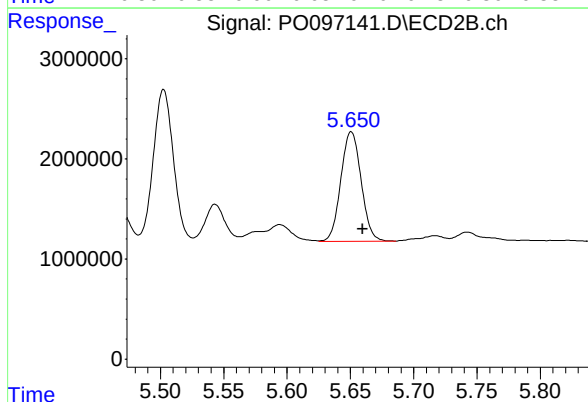
R.T.: 5.503 min
Delta R.T.: -0.009 min
Response: 16913720
Conc: 229.20 ng/ml



#27 AR-1254-2

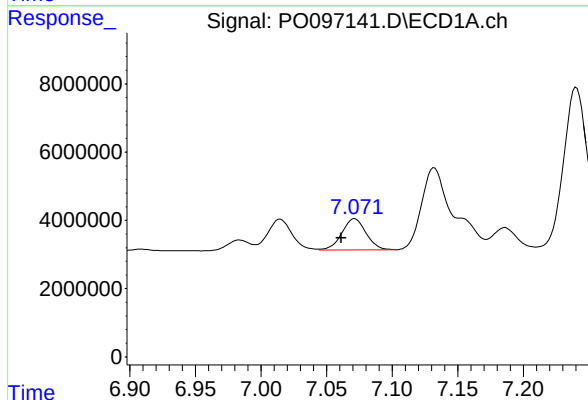
R.T.: 6.694 min
Delta R.T.: 0.008 min
Response: 25286010
Conc: 156.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



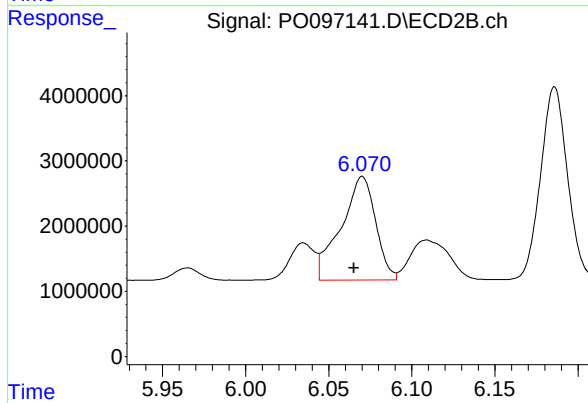
#27 AR-1254-2

R.T.: 5.651 min
Delta R.T.: -0.009 min
Response: 12255834
Conc: 186.03 ng/ml



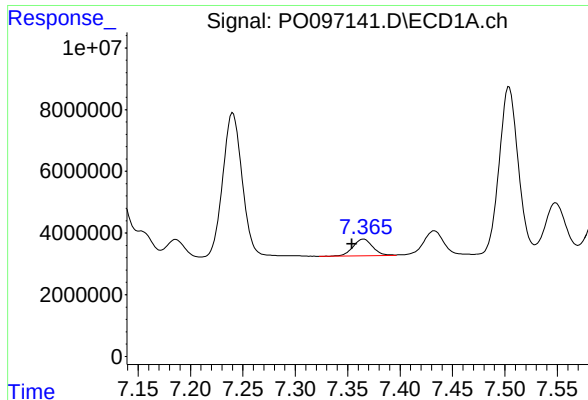
#28 AR-1254-3

R.T.: 7.072 min
Delta R.T.: 0.010 min
Response: 11767741
Conc: 75.10 ng/ml



#28 AR-1254-3

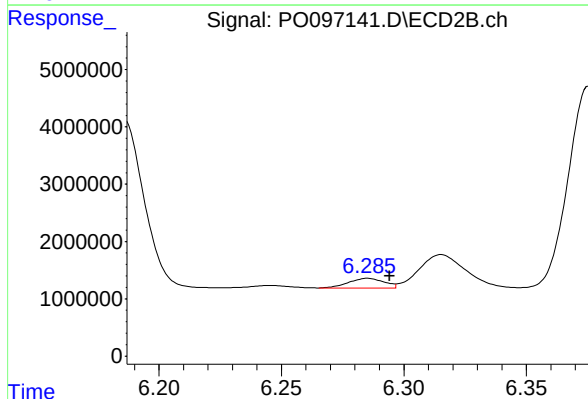
R.T.: 6.070 min
Delta R.T.: 0.005 min
Response: 23017350
Conc: 227.75 ng/ml



#29 AR-1254-4

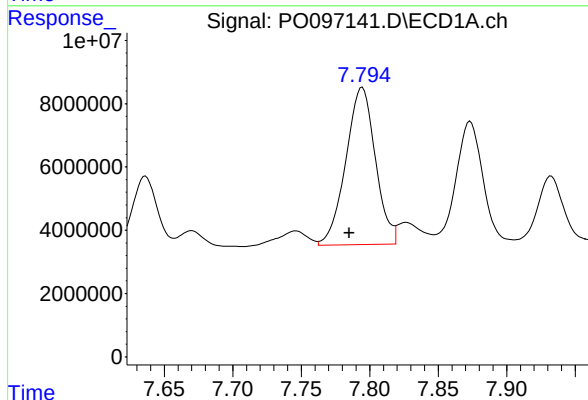
R.T.: 7.365 min
Delta R.T.: 0.011 min
Response: 7198570
Conc: 71.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



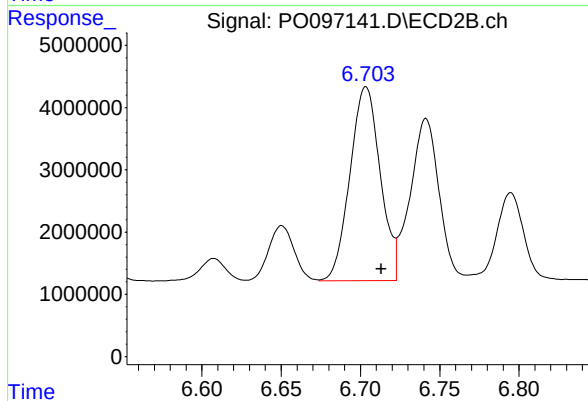
#29 AR-1254-4

R.T.: 6.285 min
Delta R.T.: -0.009 min
Response: 1713650
Conc: 29.61 ng/ml



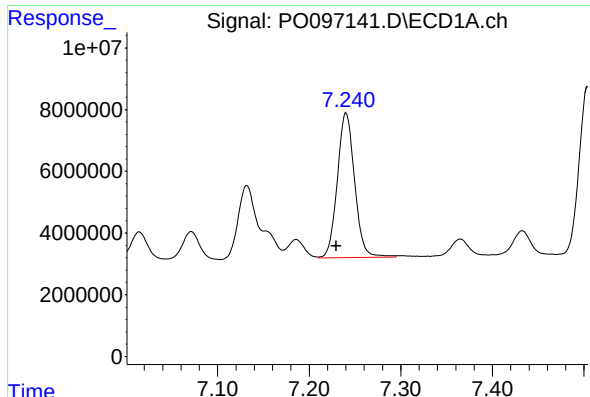
#30 AR-1254-5

R.T.: 7.795 min
Delta R.T.: 0.010 min
Response: 74647885
Conc: 665.23 ng/ml



#30 AR-1254-5

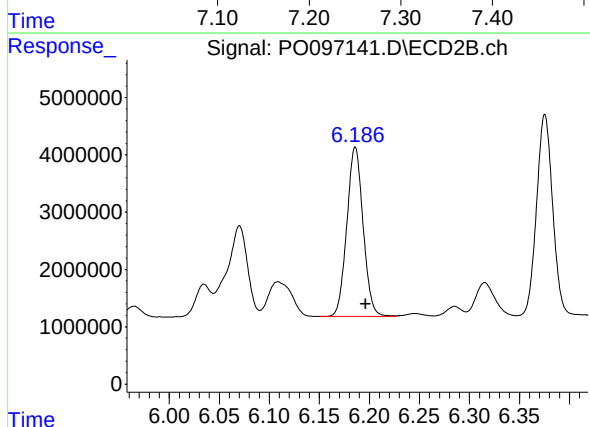
R.T.: 6.703 min
Delta R.T.: -0.010 min
Response: 41390217
Conc: 470.80 ng/ml



#31 AR-1260-1

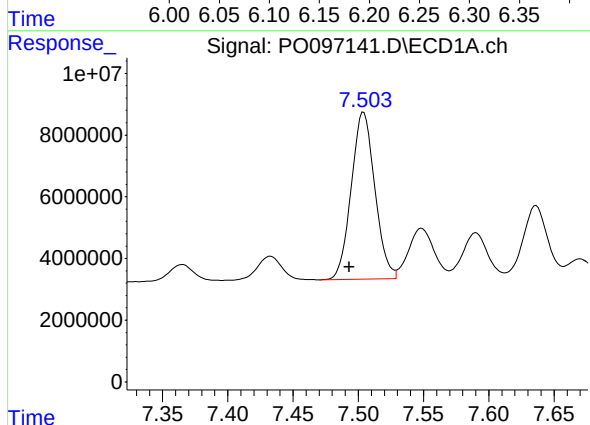
R.T.: 7.240 min
Delta R.T.: 0.011 min
Response: 61434308
Conc: 488.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



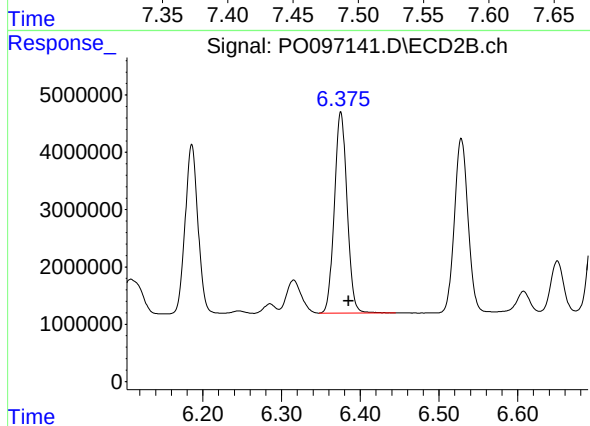
#31 AR-1260-1

R.T.: 6.186 min
Delta R.T.: -0.010 min
Response: 33460658
Conc: 475.51 ng/ml



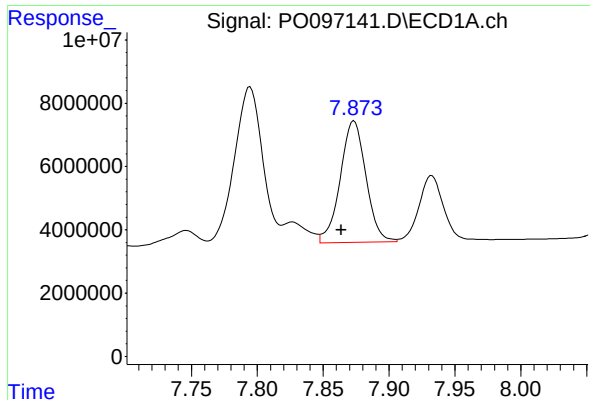
#32 AR-1260-2

R.T.: 7.504 min
Delta R.T.: 0.011 min
Response: 67993704
Conc: 504.65 ng/ml



#32 AR-1260-2

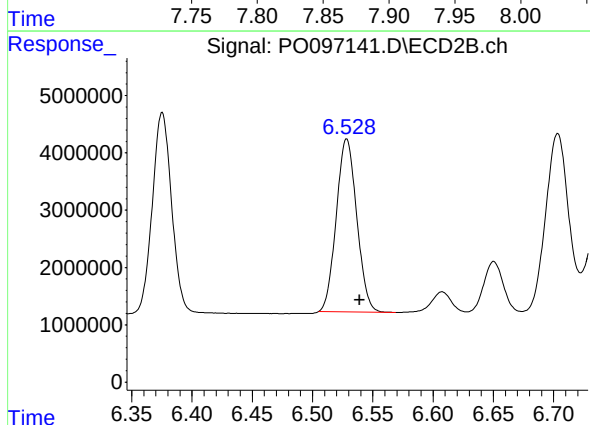
R.T.: 6.375 min
Delta R.T.: -0.010 min
Response: 39366688
Conc: 471.67 ng/ml



#33 AR-1260-3

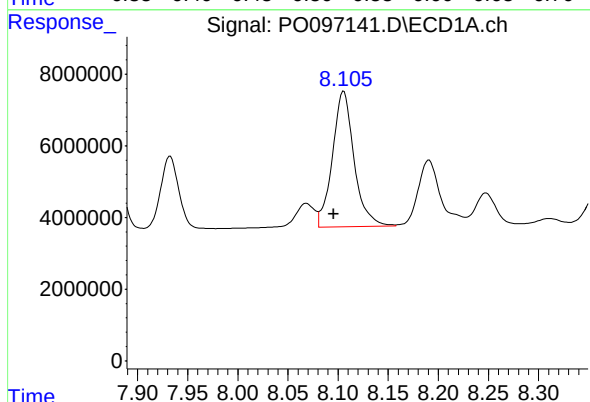
R.T.: 7.873 min
Delta R.T.: 0.010 min
Response: 51939425
Conc: 500.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



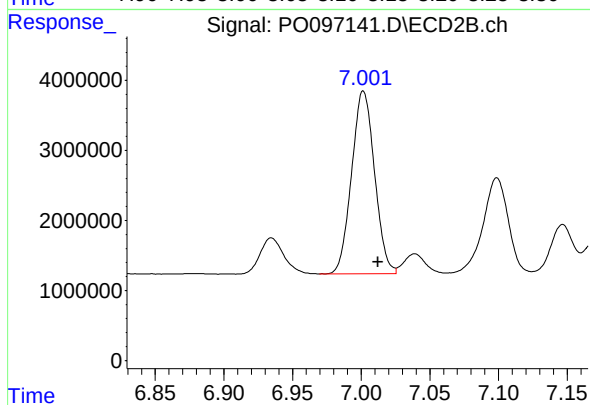
#33 AR-1260-3

R.T.: 6.528 min
Delta R.T.: -0.011 min
Response: 35701614
Conc: 462.34 ng/ml



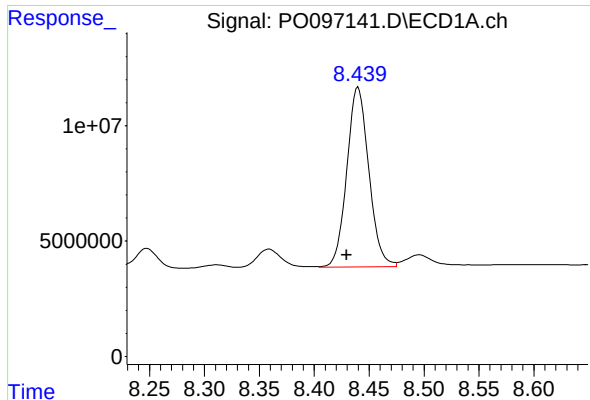
#34 AR-1260-4

R.T.: 8.106 min
Delta R.T.: 0.010 min
Response: 56806501
Conc: 508.09 ng/ml



#34 AR-1260-4

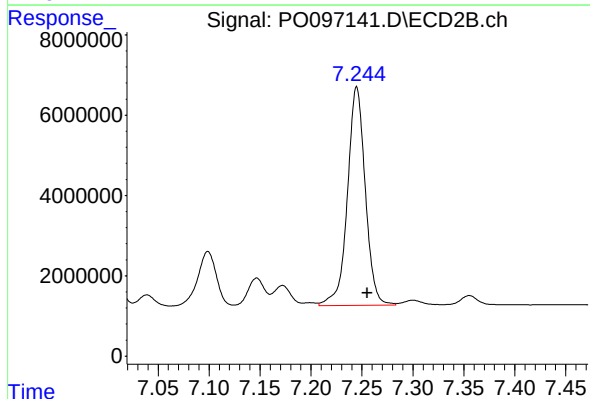
R.T.: 7.002 min
Delta R.T.: -0.010 min
Response: 30390546
Conc: 474.24 ng/ml



#35 AR-1260-5

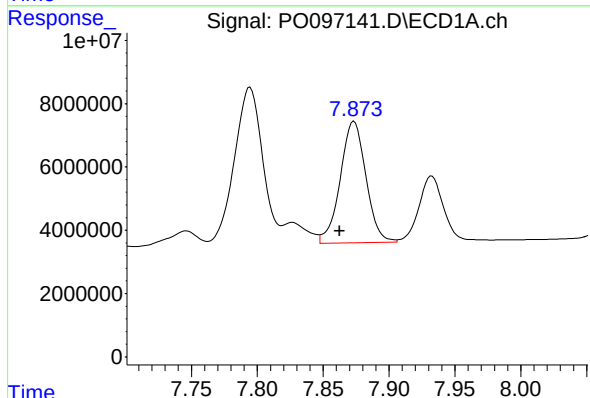
R.T.: 8.440 min
Delta R.T.: 0.010 min
Response: 108451432
Conc: 516.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



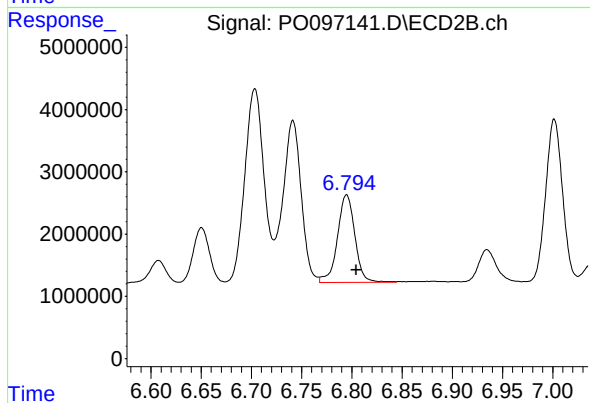
#35 AR-1260-5

R.T.: 7.245 min
Delta R.T.: -0.011 min
Response: 66337658
Conc: 478.51 ng/ml



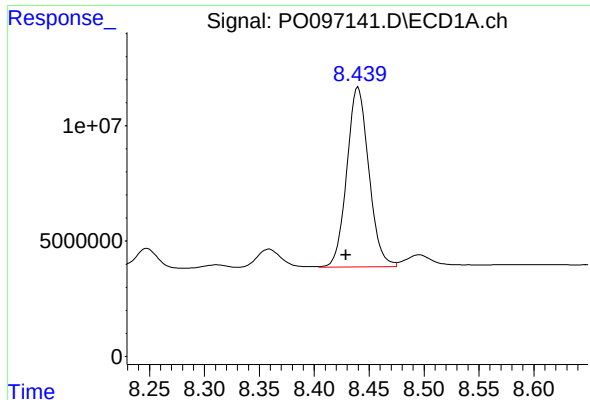
#36 AR-1262-1

R.T.: 7.873 min
Delta R.T.: 0.011 min
Response: 51939425
Conc: 349.70 ng/ml



#36 AR-1262-1

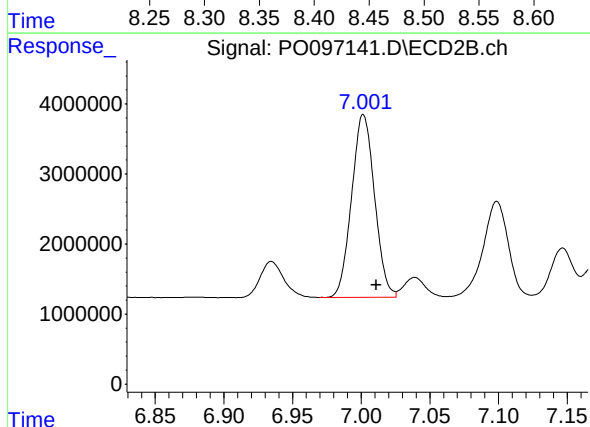
R.T.: 6.795 min
Delta R.T.: -0.009 min
Response: 16952758
Conc: 430.62 ng/ml



#37 AR-1262-2

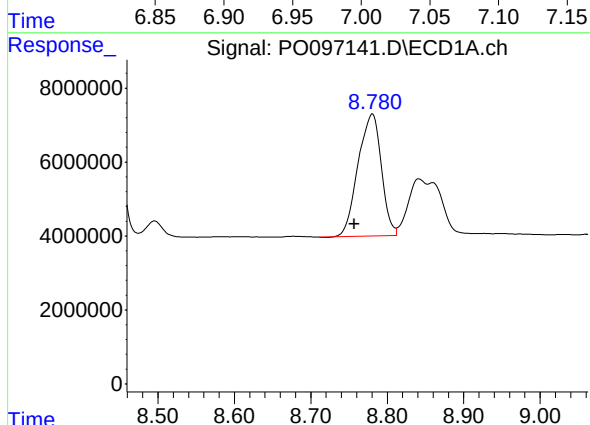
R.T.: 8.440 min
Delta R.T.: 0.011 min
Response: 108451432
Conc: 468.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



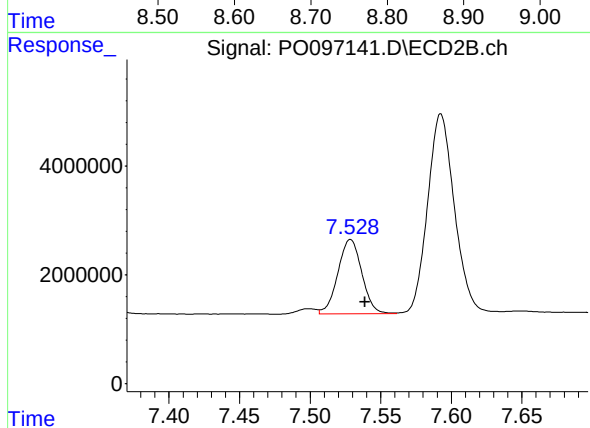
#37 AR-1262-2

R.T.: 7.002 min
Delta R.T.: -0.009 min
Response: 30390546
Conc: 374.71 ng/ml



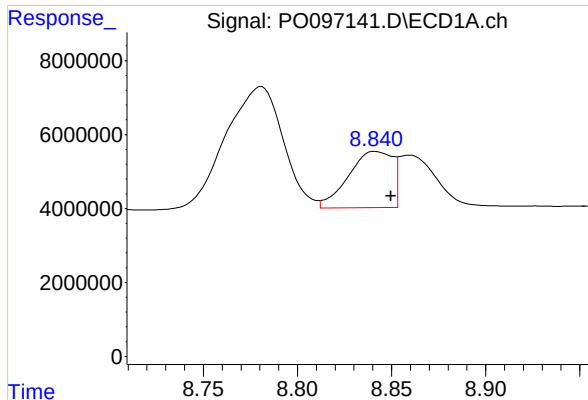
#38 AR-1262-3

R.T.: 8.781 min
Delta R.T.: 0.024 min
Response: 70130081
Conc: 420.45 ng/ml



#38 AR-1262-3

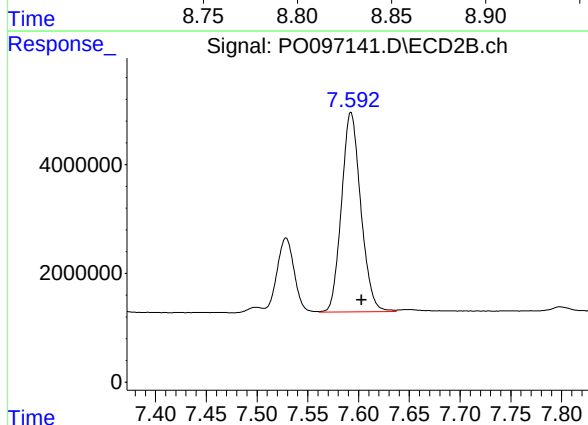
R.T.: 7.529 min
Delta R.T.: -0.010 min
Response: 16132118
Conc: 251.38 ng/ml



#39 AR-1262-4

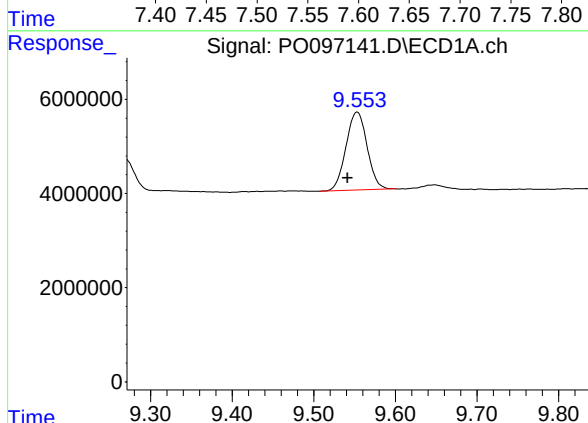
R.T.: 8.841 min
Delta R.T.: -0.008 min
Response: 24731295
Conc: 339.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



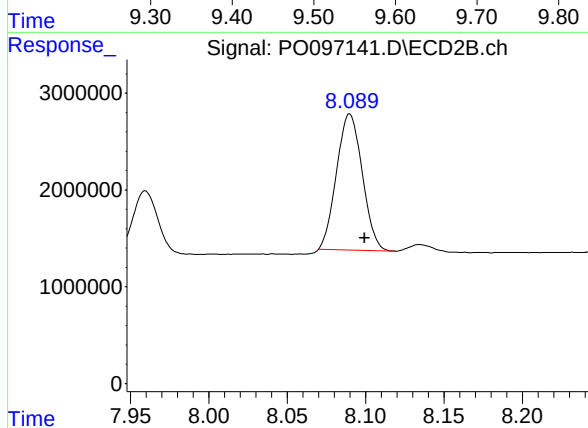
#39 AR-1262-4

R.T.: 7.593 min
Delta R.T.: -0.010 min
Response: 48485746
Conc: 426.81 ng/ml



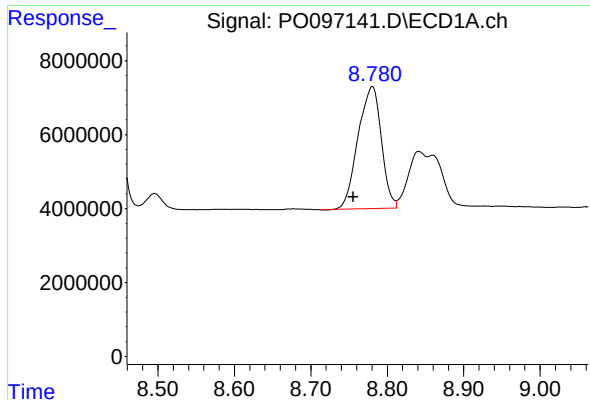
#40 AR-1262-5

R.T.: 9.553 min
Delta R.T.: 0.012 min
Response: 29910874
Conc: 359.17 ng/ml



#40 AR-1262-5

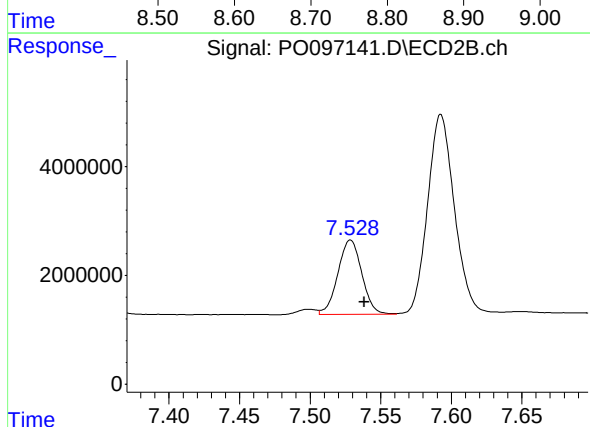
R.T.: 8.090 min
Delta R.T.: -0.010 min
Response: 16095872
Conc: 306.48 ng/ml



#41 AR-1268-1

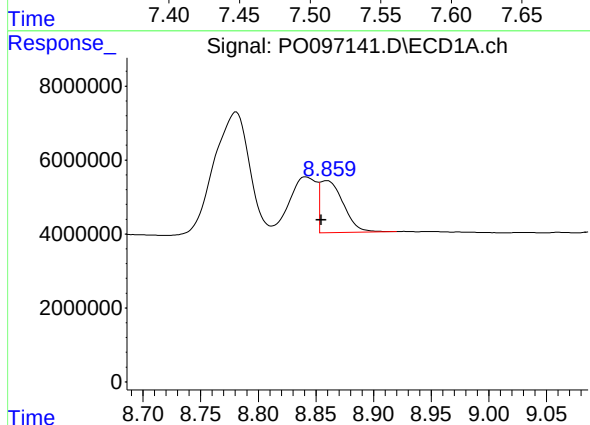
R.T.: 8.781 min
Delta R.T.: 0.026 min
Response: 70130081
Conc: 228.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



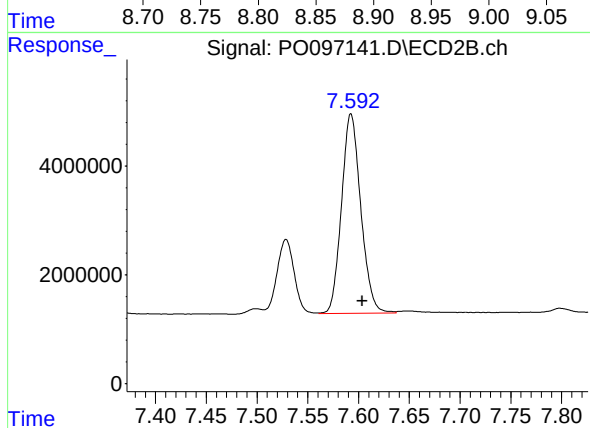
#41 AR-1268-1

R.T.: 7.529 min
Delta R.T.: -0.010 min
Response: 16132118
Conc: 87.06 ng/ml



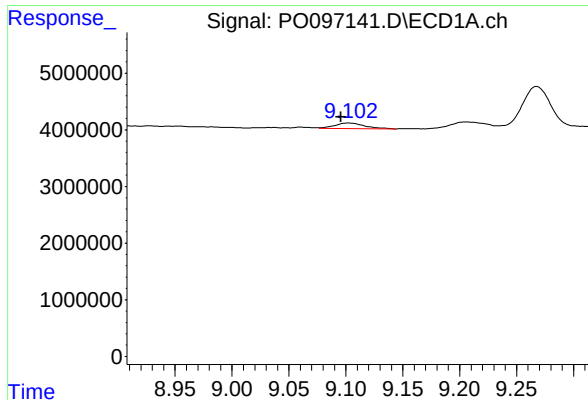
#42 AR-1268-2

R.T.: 8.860 min
Delta R.T.: 0.005 min
Response: 19753549
Conc: 72.04 ng/ml



#42 AR-1268-2

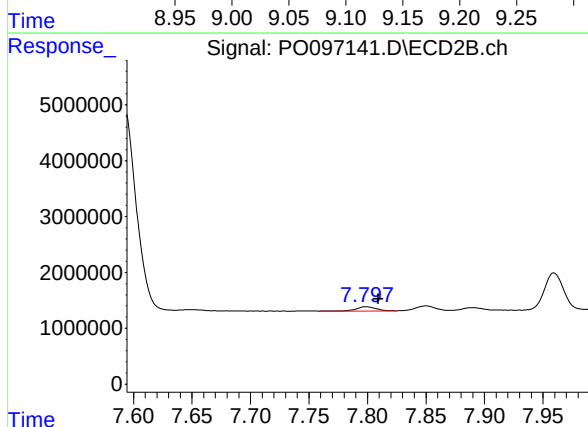
R.T.: 7.593 min
Delta R.T.: -0.011 min
Response: 48485746
Conc: 289.14 ng/ml



#43 AR-1268-3

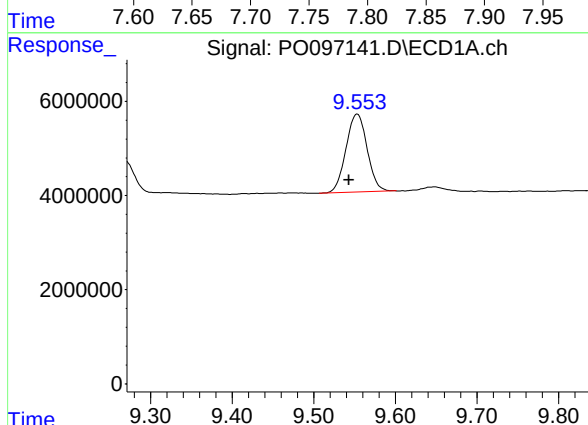
R.T.: 9.103 min
Delta R.T.: 0.007 min
Response: 1814869
Conc: 7.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



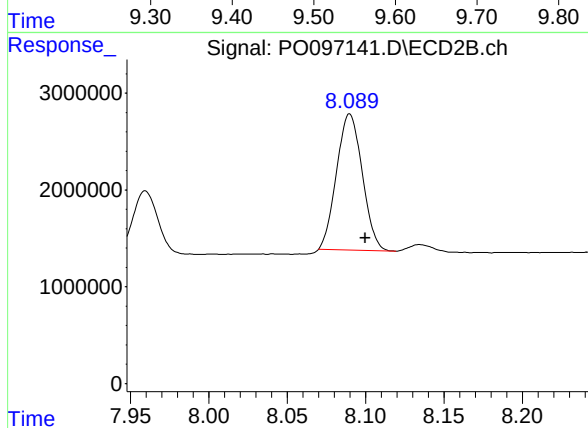
#43 AR-1268-3

R.T.: 7.799 min
Delta R.T.: -0.010 min
Response: 887305
Conc: 6.14 ng/ml



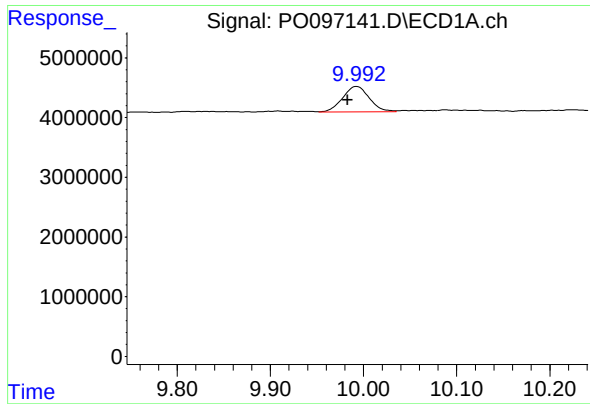
#44 AR-1268-4

R.T.: 9.553 min
Delta R.T.: 0.010 min
Response: 29910874
Conc: 322.62 ng/ml



#44 AR-1268-4

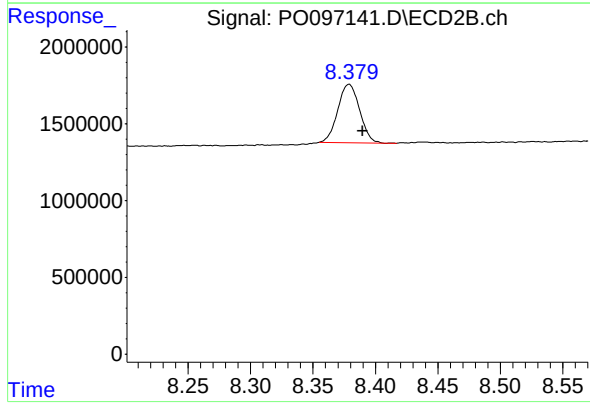
R.T.: 8.090 min
Delta R.T.: -0.010 min
Response: 16095872
Conc: 270.19 ng/ml



#45 AR-1268-5

R.T.: 9.993 min
Delta R.T.: 0.010 min
Response: 8446992
Conc: 10.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.379 min
Delta R.T.: -0.011 min
Response: 4631416
Conc: 11.14 ng/ml