

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080823\
 Data File : P0096764.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Aug 2023 14:26
 Operator : YP/AJ
 Sample : 03919-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 01:25:48 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	3.621	67887020	26590905	20.509	20.087
2) SA Decachlor...	10.353	8.644	44704338	24155224	20.430	20.879
Target Compounds						
3) L1 AR-1016-1	5.596	4.707	44211600	21627556	469.419	487.810
4) L1 AR-1016-2	5.618	4.726	62923470	30191822	470.370	493.566
5) L1 AR-1016-3	5.682	4.902	39060523	16550152	448.863	506.610
6) L1 AR-1016-4	5.782	4.945	30821778	14228317	458.860	497.731
7) L1 AR-1016-5	6.083	5.159	31298640	17804341	448.295	463.094
8) L2 AR-1221-1	4.617	3.834	5022198	2161073	123.229	124.507
9) L2 AR-1221-2	4.709	3.920	5928765	3206170	195.155	248.142 #
10) L2 AR-1221-3	4.786	3.996	26337971	12280151	300.897	309.370
11) L3 AR-1232-1	4.786	3.996	26337971	12280151	361.123	379.637
12) L3 AR-1232-2	5.324	4.726	36222273	30191822	913.644	1046.418
13) L3 AR-1232-3	5.618	4.902	62923470	16550152	1028.621	1091.564
14) L3 AR-1232-4	5.782	4.987	30821778	17329534	1010.092	1159.580
15) L3 AR-1232-5	5.875	5.159	29901359	17804341	1068.547	1089.165
16) L4 AR-1242-1	5.596	4.707	44211600	21627556	527.478	548.575
17) L4 AR-1242-2	5.618	4.726	62923470	30191822	534.328	554.071
18) L4 AR-1242-3	5.682	4.902	39060523	16550152	528.756	559.721
19) L4 AR-1242-4	5.782	4.987	30821778	17329534	517.749	549.901
20) L4 AR-1242-5	6.535	5.512	3906344	13826059	70.999	379.460 #
21) L5 AR-1248-1	5.596	4.707	44211600	21627556	754.540	770.692
22) L5 AR-1248-2	5.875	4.945	29901359	14228317	318.040	335.724
23) L5 AR-1248-3	6.083	4.987	31298640	17329534	319.998	395.065
24) L5 AR-1248-4	6.469	5.159	28383754	17804341	312.447	348.764
25) L5 AR-1248-5	6.535	5.553	3906344	1867680	44.347	39.949
26) L6 AR-1254-1	6.469	5.512	28383754	13826059	259.709	187.355 #
27) L6 AR-1254-2	6.692	5.660	25759275	13092873	159.770	198.737
28) L6 AR-1254-3	7.070	6.080	14129716	22922773	90.172	226.818 #
29) L6 AR-1254-4	7.363	6.295	8502184	2365740	84.332	40.877 #
30) L6 AR-1254-5	7.793	6.713	71871899	42218113	640.487	480.215 #
31) L7 AR-1260-1	7.239	6.196	58354153	32483016	464.278	461.616
32) L7 AR-1260-2	7.502	6.385	59566028	37803412	442.097	452.935
33) L7 AR-1260-3	7.871	6.538	41980989	34997386	404.542	453.219
34) L7 AR-1260-4	8.104	7.012	49723133	25500852	444.736	397.940
35) L7 AR-1260-5	8.439	7.256	87573795	56930113	417.058	410.650
36) L8 AR-1262-1	7.871	6.806	41980989	14583999	282.649	370.446 #
37) L8 AR-1262-2	8.439	7.012	87573795	25500852	378.341	314.417
38) L8 AR-1262-3	8.781	7.539	56903144	11944723	341.149	186.133 #
39) L8 AR-1262-4	8.842	7.603	32399357	41670666	444.392	366.817
40) L8 AR-1262-5	9.554	8.101	21802327	13106291	261.802	249.559
41) L9 AR-1268-1	8.781	7.539	56903144	11944723	185.109	64.465 #

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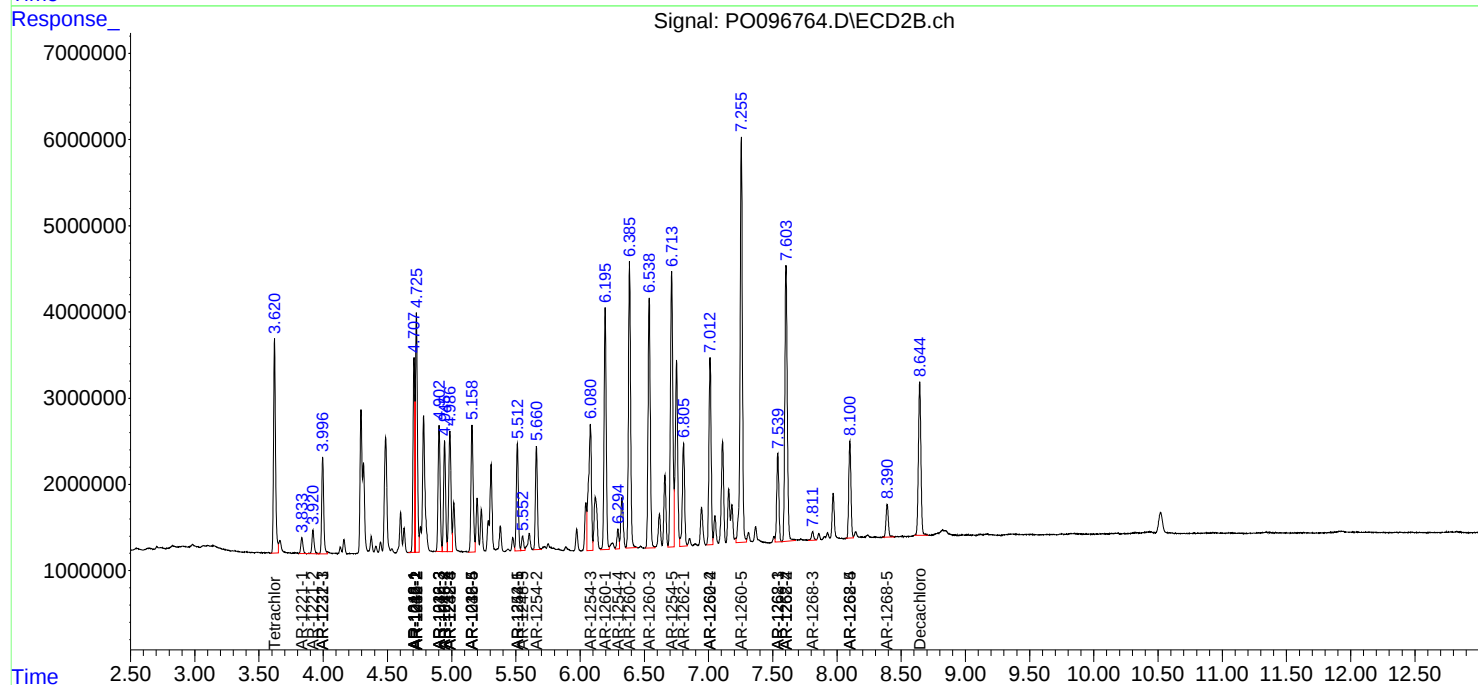
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

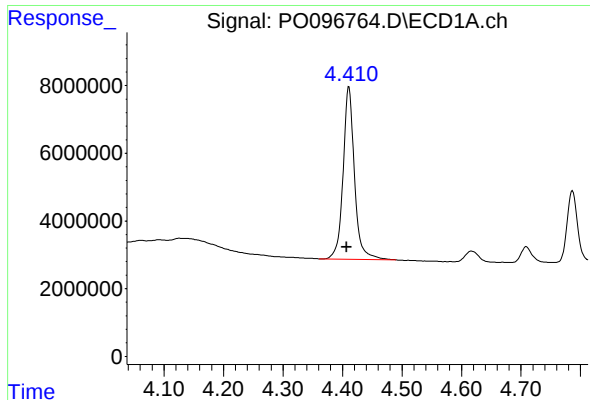
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.842	7.603	32399357	41670666	118.162	248.502 #
43) L9	AR-1268-3	9.106	7.811	3006698	1258863	11.773	8.713 #
44) L9	AR-1268-4	9.554	8.101	21802327	13106291	235.159	220.003
45) L9	AR-1268-5	9.994	8.391	10146722	4868482	12.561	11.705

(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

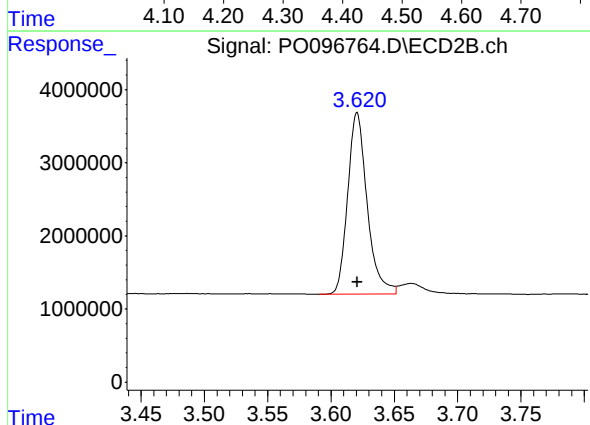




#1 Tetrachloro-m-xylene

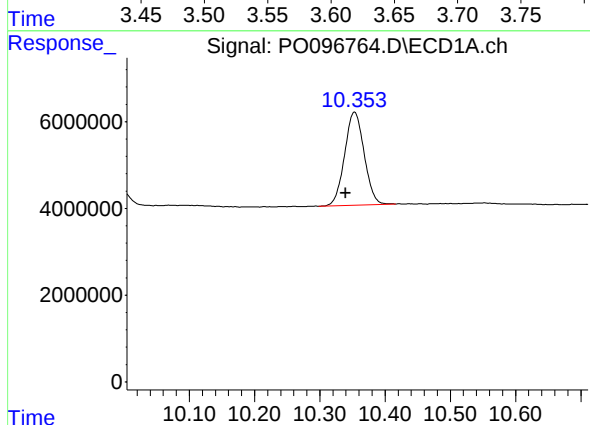
R.T.: 4.411 min
Delta R.T.: 0.004 min
Response: 67887020
Conc: 20.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



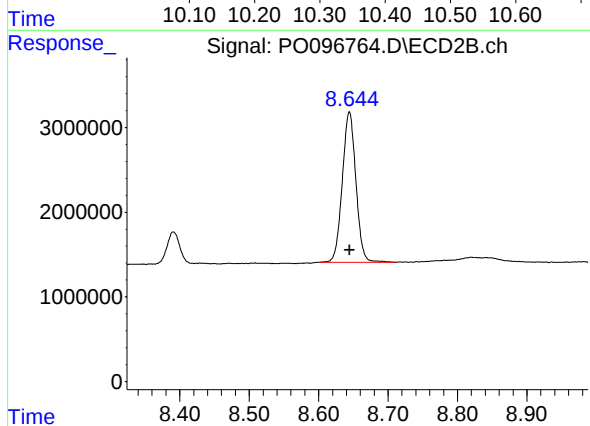
#1 Tetrachloro-m-xylene

R.T.: 3.621 min
Delta R.T.: 0.000 min
Response: 26590905
Conc: 20.09 ng/ml



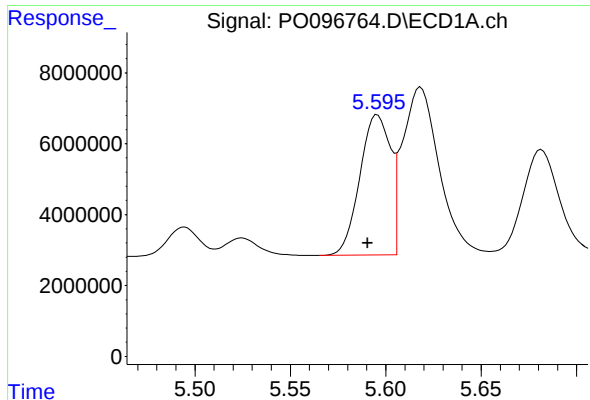
#2 Decachlorobiphenyl

R.T.: 10.353 min
Delta R.T.: 0.014 min
Response: 44704338
Conc: 20.43 ng/ml



#2 Decachlorobiphenyl

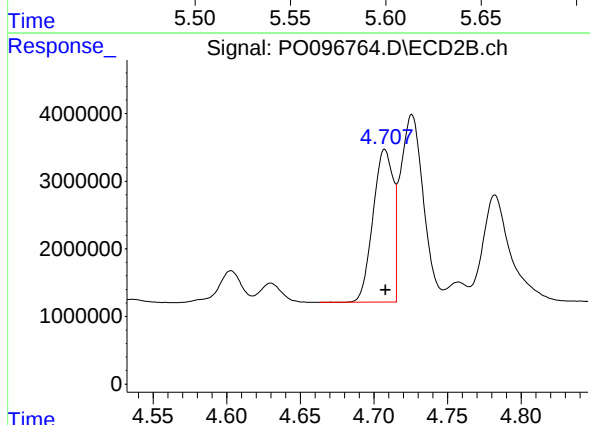
R.T.: 8.644 min
Delta R.T.: 0.000 min
Response: 24155224
Conc: 20.88 ng/ml



#3 AR-1016-1

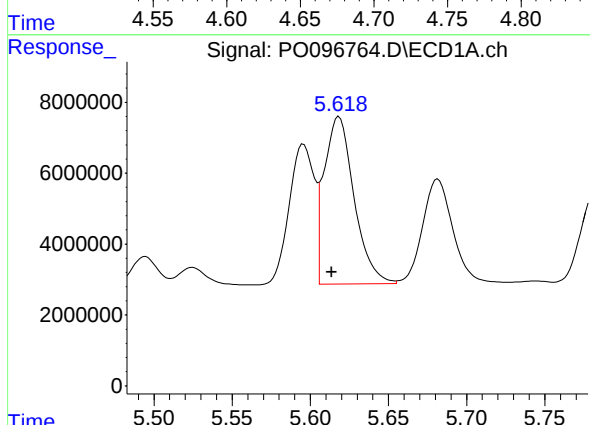
R.T.: 5.596 min
Delta R.T.: 0.005 min
Response: 44211600
Conc: 469.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



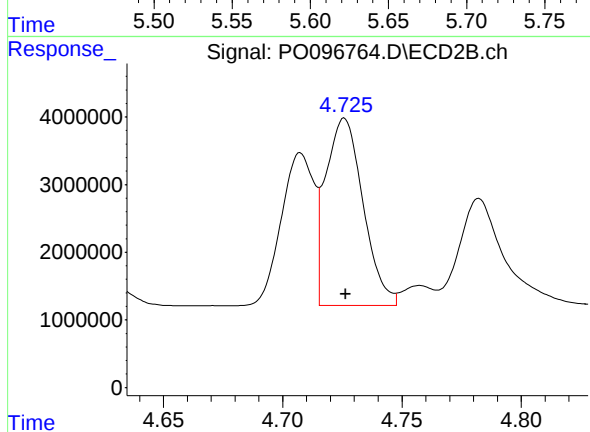
#3 AR-1016-1

R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 21627556
Conc: 487.81 ng/ml



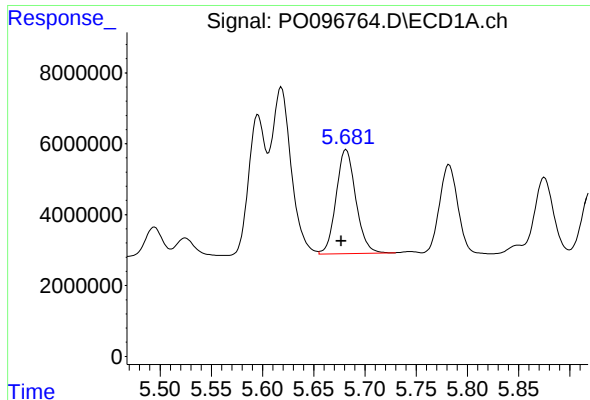
#4 AR-1016-2

R.T.: 5.618 min
Delta R.T.: 0.005 min
Response: 62923470
Conc: 470.37 ng/ml



#4 AR-1016-2

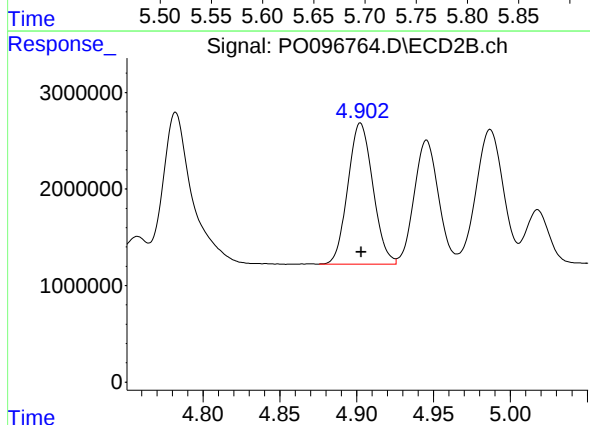
R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 30191822
Conc: 493.57 ng/ml



#5 AR-1016-3

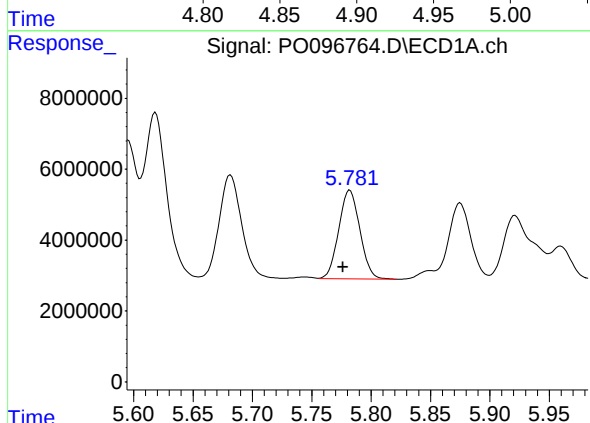
R.T.: 5.682 min
Delta R.T.: 0.005 min
Response: 39060523
Conc: 448.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



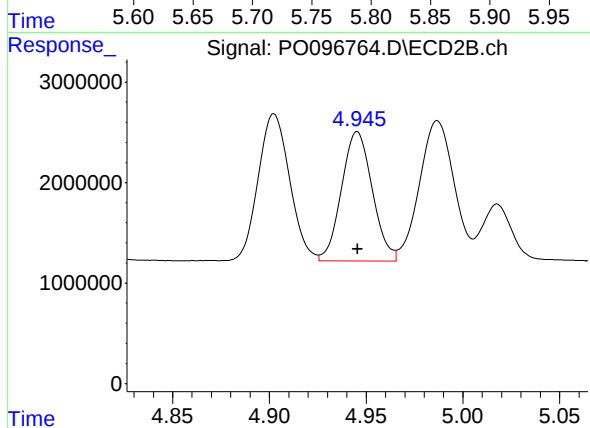
#5 AR-1016-3

R.T.: 4.902 min
Delta R.T.: 0.000 min
Response: 16550152
Conc: 506.61 ng/ml



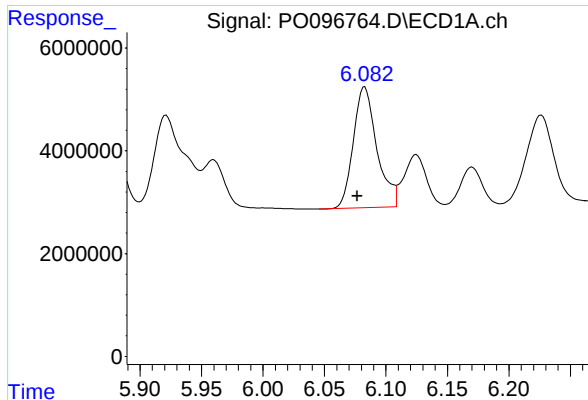
#6 AR-1016-4

R.T.: 5.782 min
Delta R.T.: 0.006 min
Response: 30821778
Conc: 458.86 ng/ml



#6 AR-1016-4

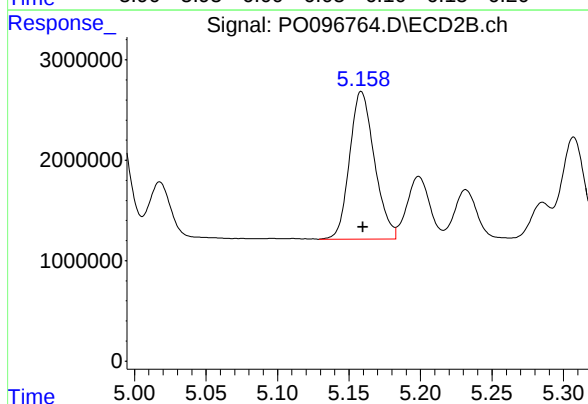
R.T.: 4.945 min
Delta R.T.: 0.000 min
Response: 14228317
Conc: 497.73 ng/ml



#7 AR-1016-5

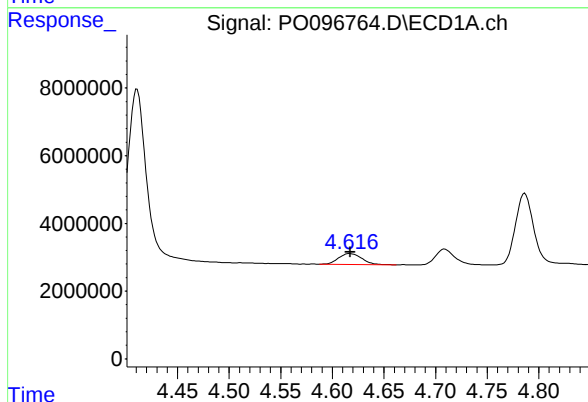
R.T.: 6.083 min
Delta R.T.: 0.006 min
Response: 31298640
Conc: 448.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



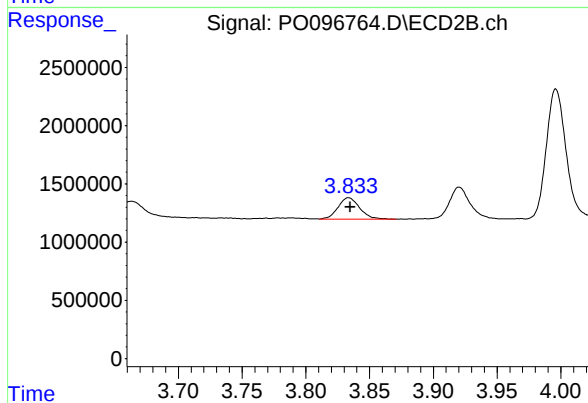
#7 AR-1016-5

R.T.: 5.159 min
Delta R.T.: -0.001 min
Response: 17804341
Conc: 463.09 ng/ml



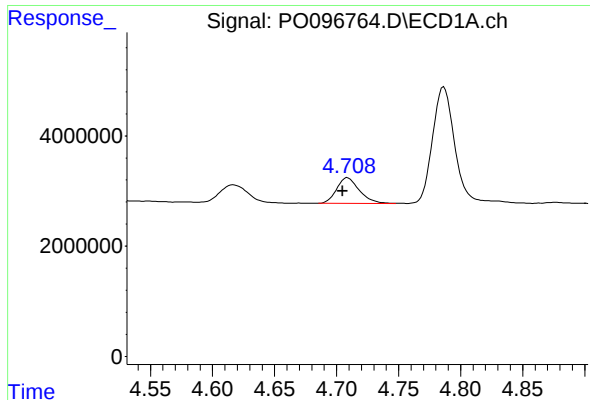
#8 AR-1221-1

R.T.: 4.617 min
Delta R.T.: 0.000 min
Response: 5022198
Conc: 123.23 ng/ml



#8 AR-1221-1

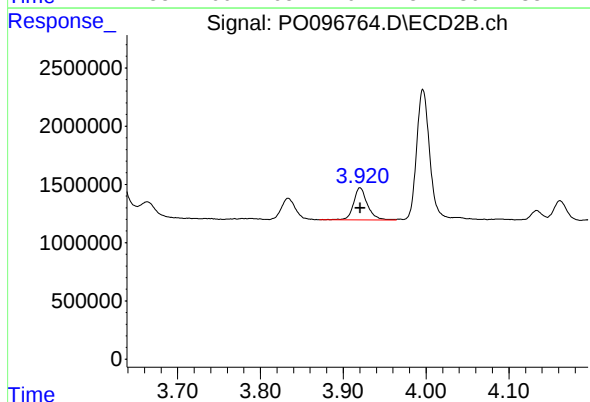
R.T.: 3.834 min
Delta R.T.: -0.001 min
Response: 2161073
Conc: 124.51 ng/ml



#9 AR-1221-2

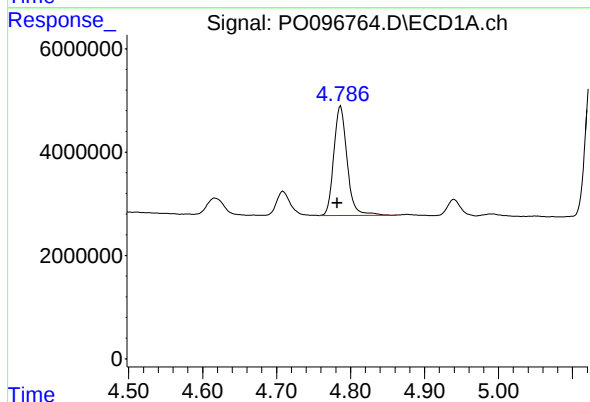
R.T.: 4.709 min
Delta R.T.: 0.004 min
Response: 5928765
Conc: 195.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



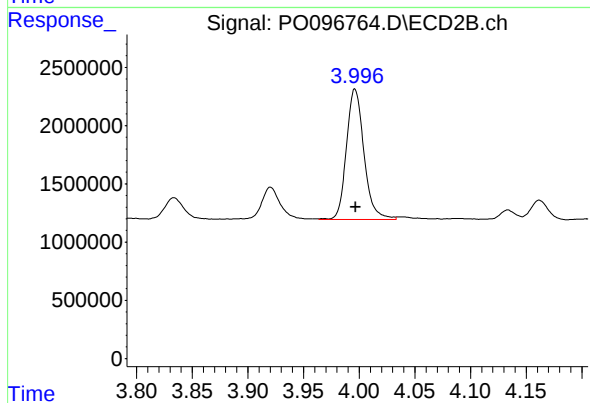
#9 AR-1221-2

R.T.: 3.920 min
Delta R.T.: 0.000 min
Response: 3206170
Conc: 248.14 ng/ml



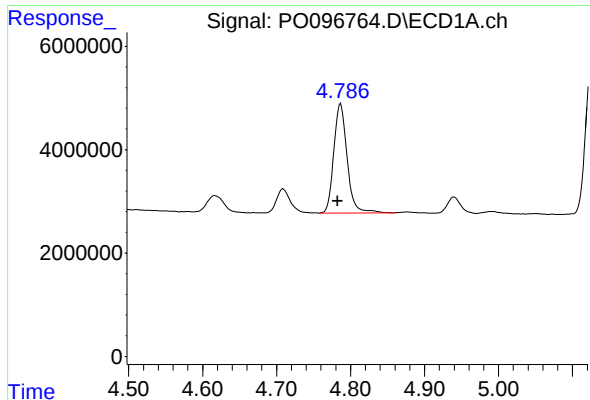
#10 AR-1221-3

R.T.: 4.786 min
Delta R.T.: 0.004 min
Response: 26337971
Conc: 300.90 ng/ml



#10 AR-1221-3

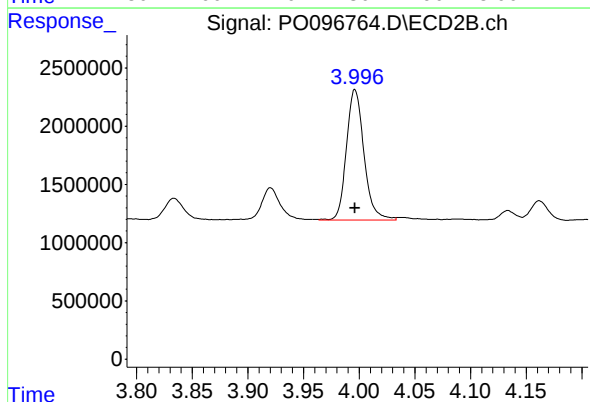
R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 12280151
Conc: 309.37 ng/ml



#11 AR-1232-1

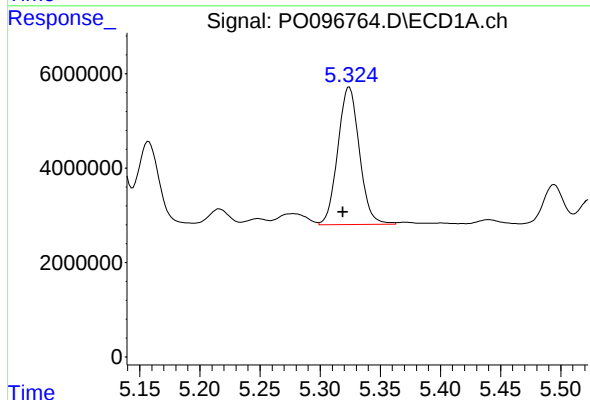
R.T.: 4.786 min
Delta R.T.: 0.004 min
Response: 26337971
Conc: 361.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



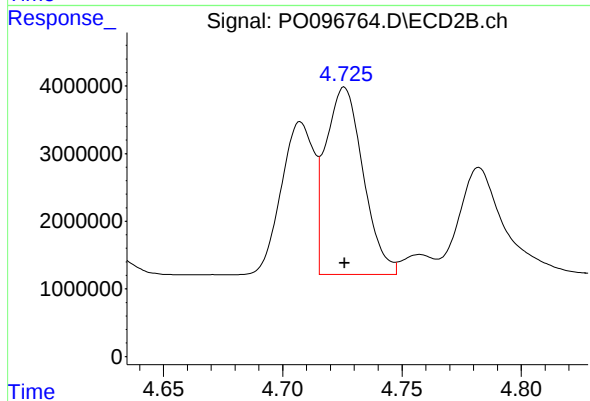
#11 AR-1232-1

R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 12280151
Conc: 379.64 ng/ml



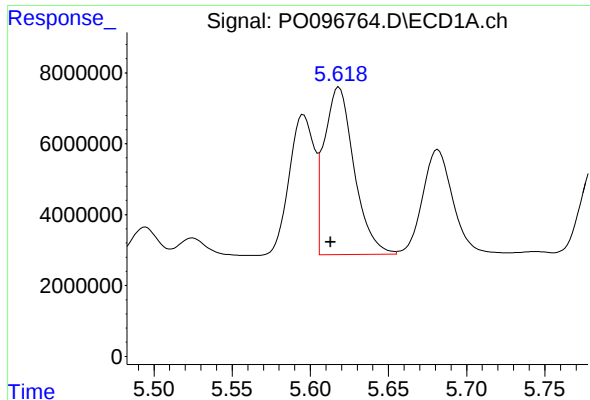
#12 AR-1232-2

R.T.: 5.324 min
Delta R.T.: 0.005 min
Response: 36222273
Conc: 913.64 ng/ml



#12 AR-1232-2

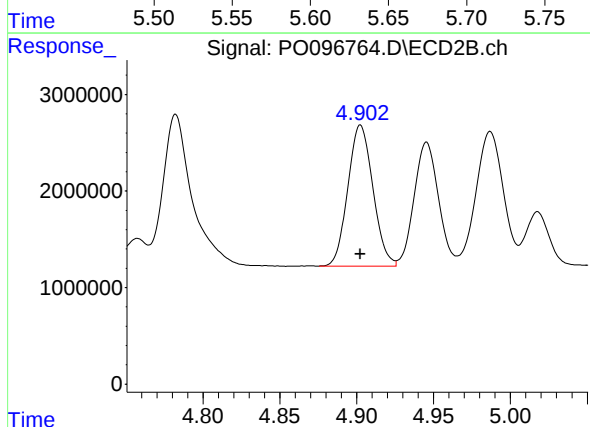
R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 30191822
Conc: 1046.42 ng/ml



#13 AR-1232-3

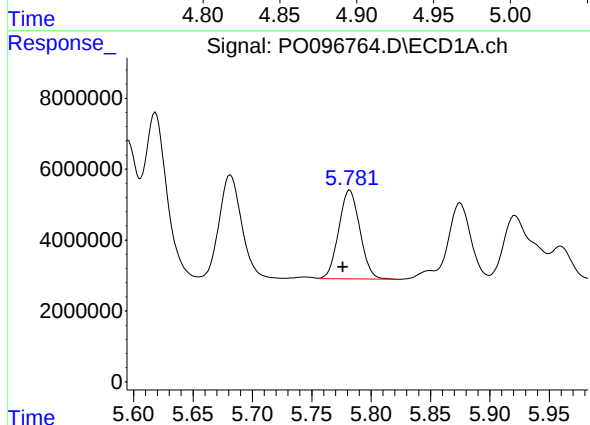
R.T.: 5.618 min
Delta R.T.: 0.005 min
Response: 62923470
Conc: 1028.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



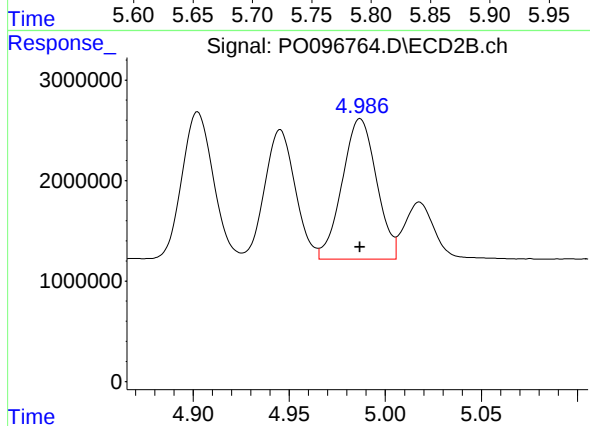
#13 AR-1232-3

R.T.: 4.902 min
Delta R.T.: 0.000 min
Response: 16550152
Conc: 1091.56 ng/ml



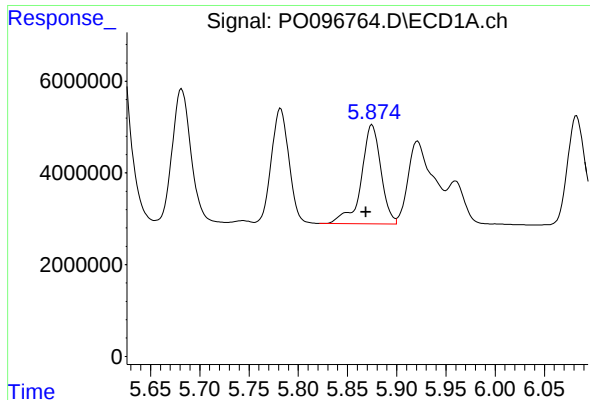
#14 AR-1232-4

R.T.: 5.782 min
Delta R.T.: 0.006 min
Response: 30821778
Conc: 1010.09 ng/ml



#14 AR-1232-4

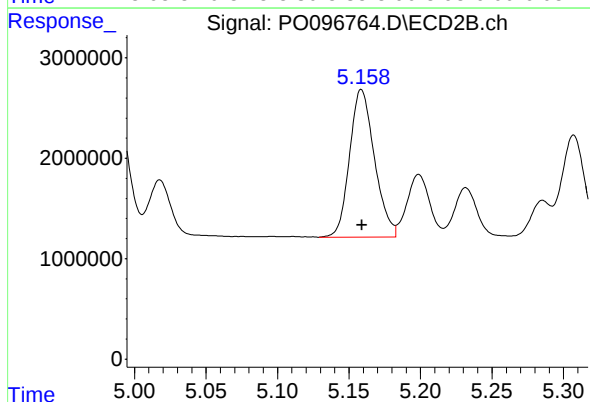
R.T.: 4.987 min
Delta R.T.: 0.000 min
Response: 17329534
Conc: 1159.58 ng/ml



#15 AR-1232-5

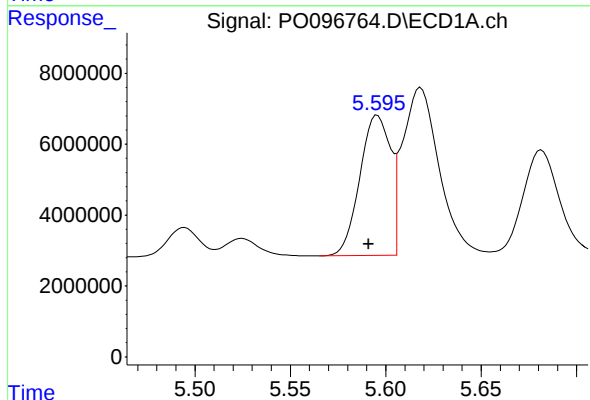
R.T.: 5.875 min
Delta R.T.: 0.006 min
Response: 29901359
Conc: 1068.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



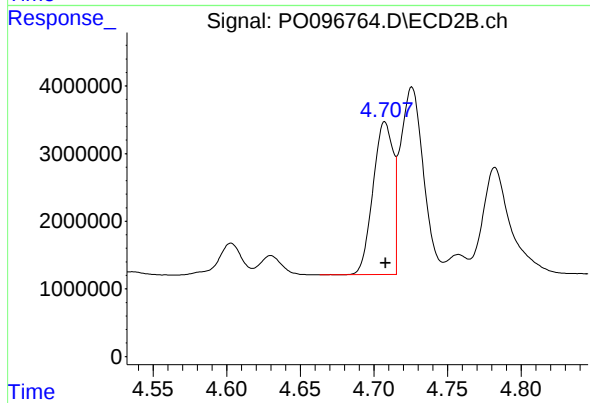
#15 AR-1232-5

R.T.: 5.159 min
Delta R.T.: 0.000 min
Response: 17804341
Conc: 1089.17 ng/ml



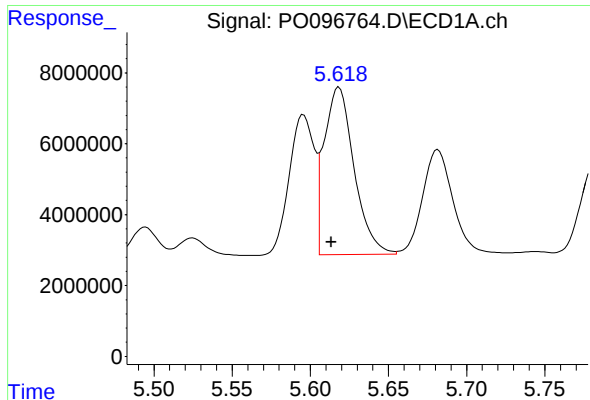
#16 AR-1242-1

R.T.: 5.596 min
Delta R.T.: 0.005 min
Response: 44211600
Conc: 527.48 ng/ml



#16 AR-1242-1

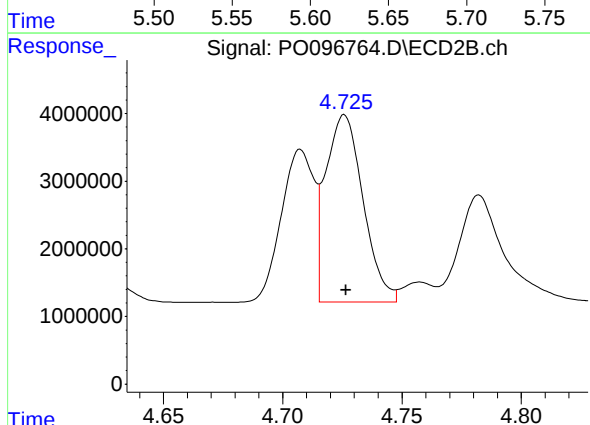
R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 21627556
Conc: 548.58 ng/ml



#17 AR-1242-2

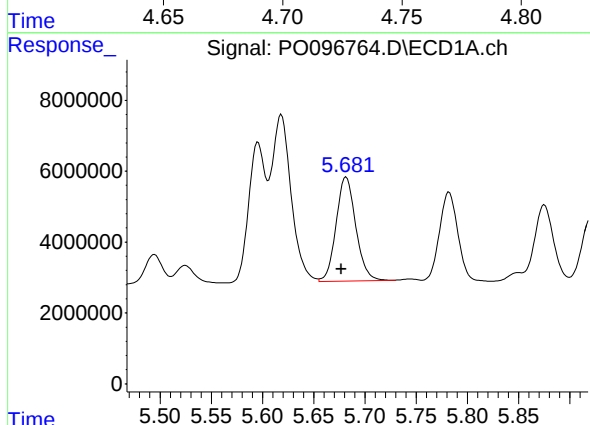
R.T.: 5.618 min
Delta R.T.: 0.005 min
Response: 62923470
Conc: 534.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



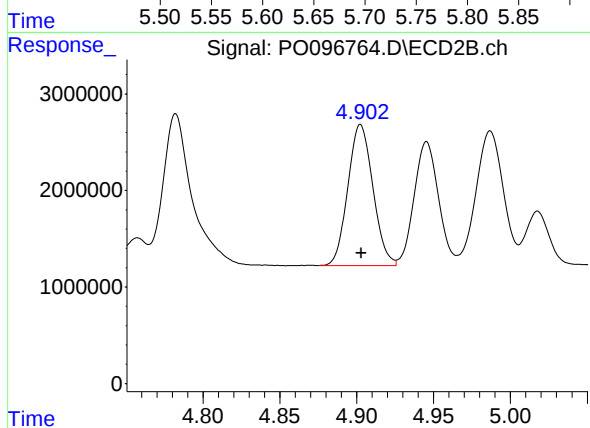
#17 AR-1242-2

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 30191822
Conc: 554.07 ng/ml



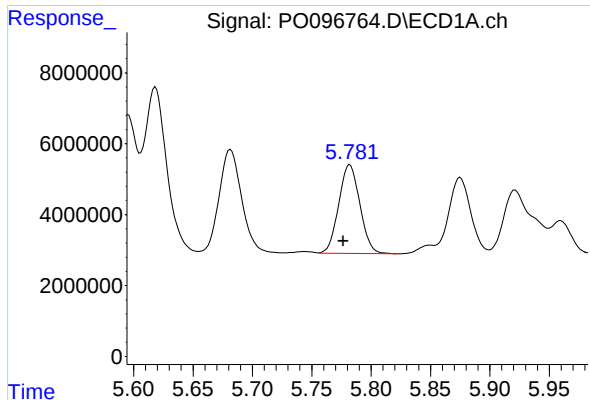
#18 AR-1242-3

R.T.: 5.682 min
Delta R.T.: 0.005 min
Response: 39060523
Conc: 528.76 ng/ml



#18 AR-1242-3

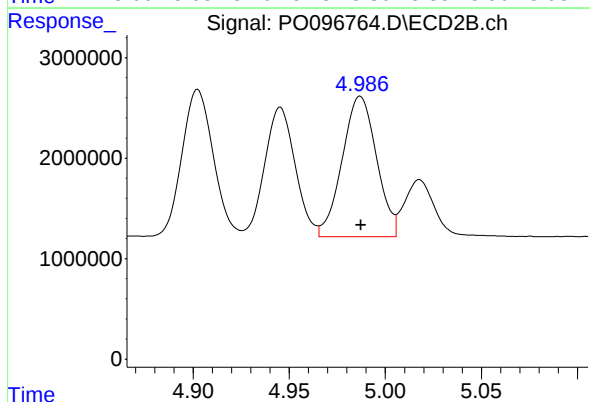
R.T.: 4.902 min
Delta R.T.: 0.000 min
Response: 16550152
Conc: 559.72 ng/ml



#19 AR-1242-4

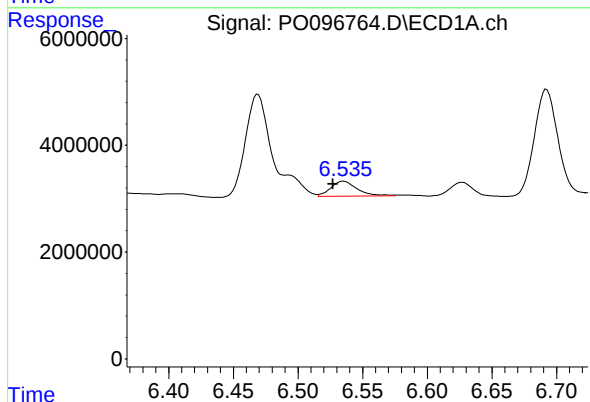
R.T.: 5.782 min
Delta R.T.: 0.005 min
Response: 30821778
Conc: 517.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



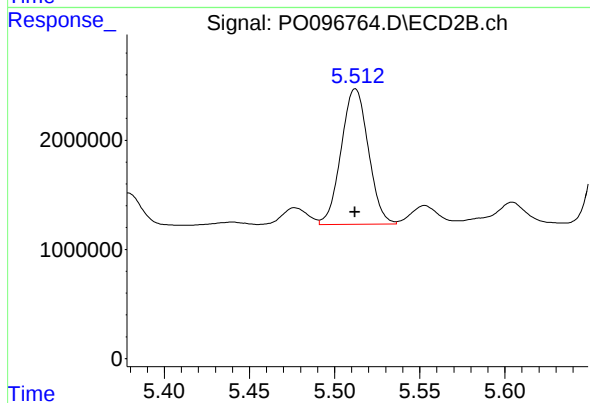
#19 AR-1242-4

R.T.: 4.987 min
Delta R.T.: 0.000 min
Response: 17329534
Conc: 549.90 ng/ml



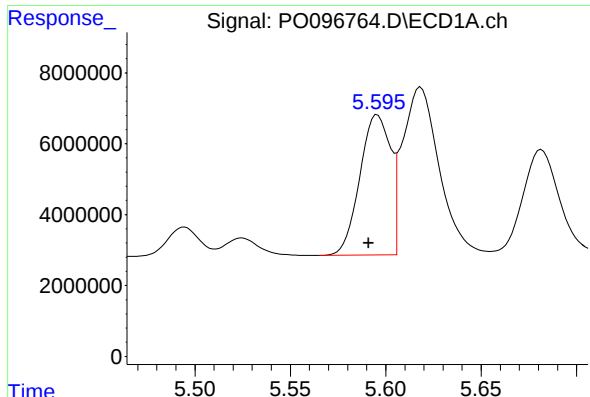
#20 AR-1242-5

R.T.: 6.535 min
Delta R.T.: 0.008 min
Response: 3906344
Conc: 71.00 ng/ml



#20 AR-1242-5

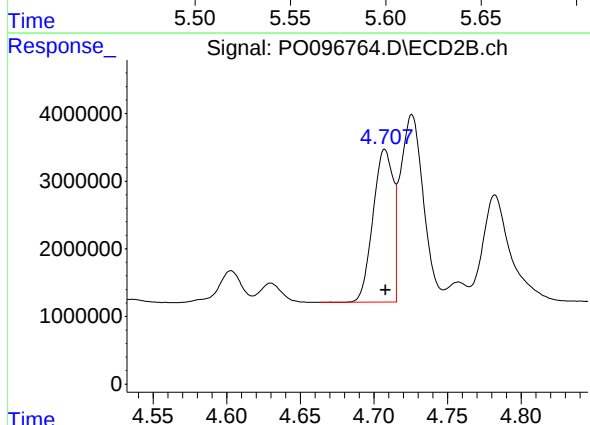
R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 13826059
Conc: 379.46 ng/ml



#21 AR-1248-1

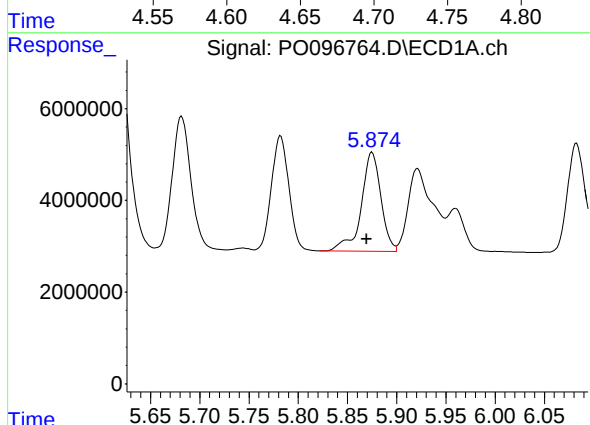
R.T.: 5.596 min
Delta R.T.: 0.005 min
Response: 44211600
Conc: 754.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



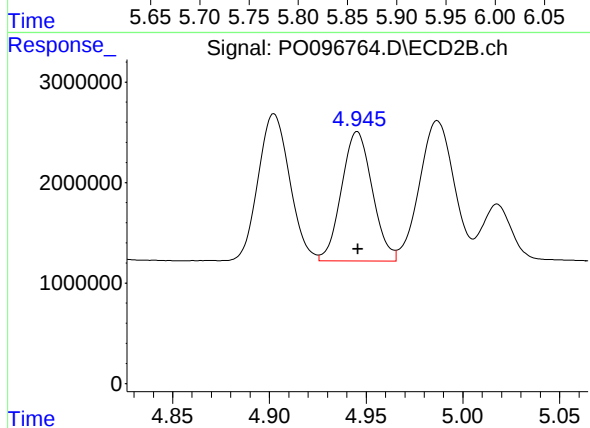
#21 AR-1248-1

R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 21627556
Conc: 770.69 ng/ml



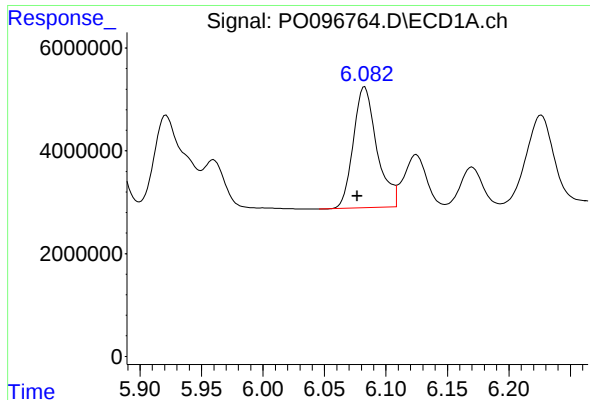
#22 AR-1248-2

R.T.: 5.875 min
Delta R.T.: 0.005 min
Response: 29901359
Conc: 318.04 ng/ml



#22 AR-1248-2

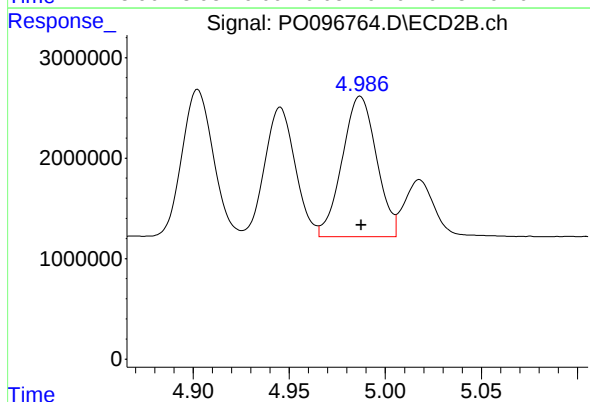
R.T.: 4.945 min
Delta R.T.: 0.000 min
Response: 14228317
Conc: 335.72 ng/ml



#23 AR-1248-3

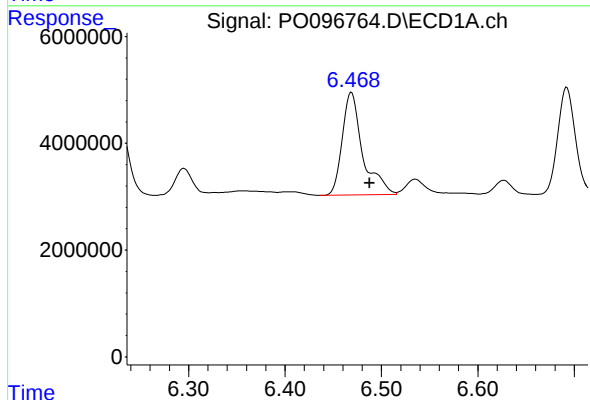
R.T.: 6.083 min
Delta R.T.: 0.006 min
Response: 31298640
Conc: 320.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



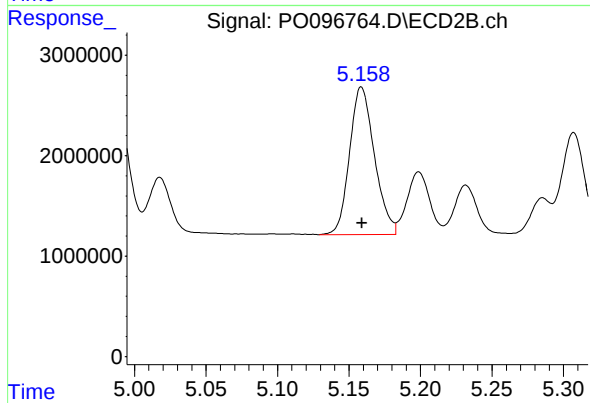
#23 AR-1248-3

R.T.: 4.987 min
Delta R.T.: 0.000 min
Response: 17329534
Conc: 395.06 ng/ml



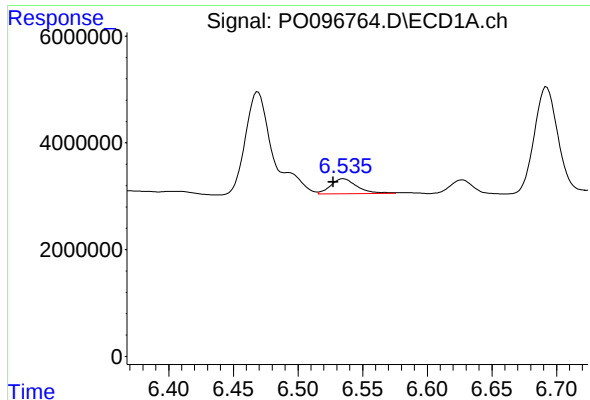
#24 AR-1248-4

R.T.: 6.469 min
Delta R.T.: -0.019 min
Response: 28383754
Conc: 312.45 ng/ml



#24 AR-1248-4

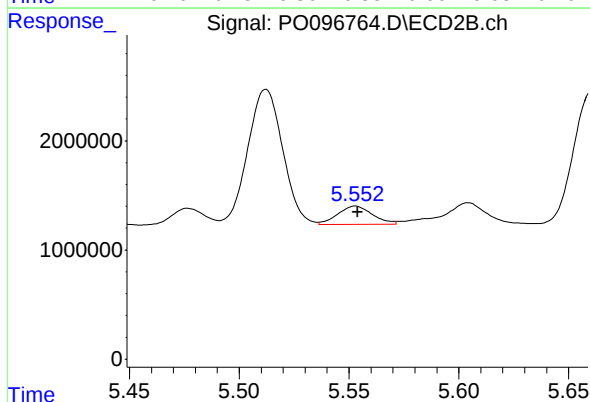
R.T.: 5.159 min
Delta R.T.: 0.000 min
Response: 17804341
Conc: 348.76 ng/ml



#25 AR-1248-5

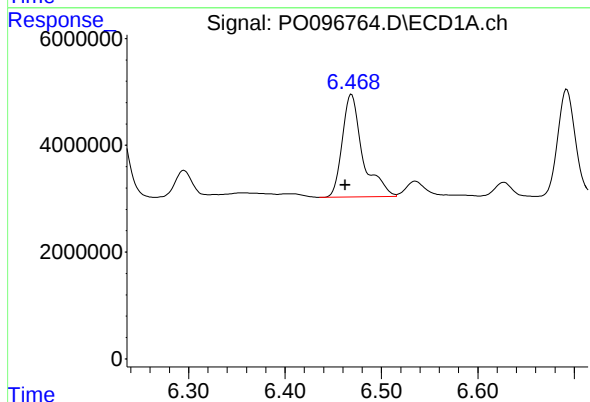
R.T.: 6.535 min
Delta R.T.: 0.008 min
Response: 3906344
Conc: 44.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



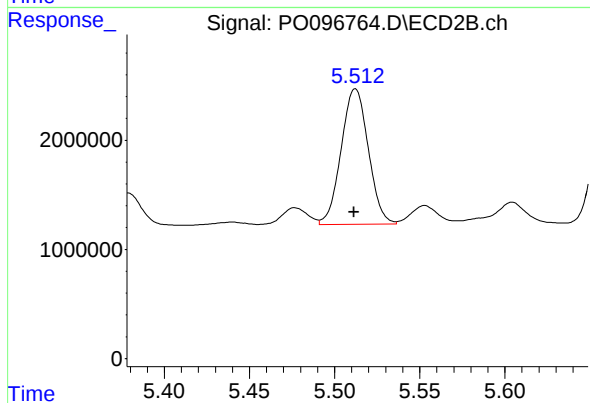
#25 AR-1248-5

R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 1867680
Conc: 39.95 ng/ml



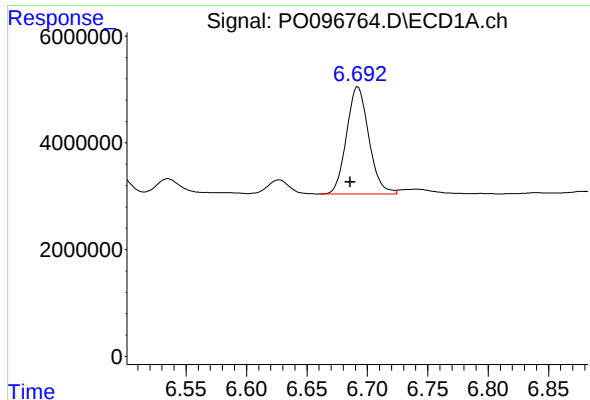
#26 AR-1254-1

R.T.: 6.469 min
Delta R.T.: 0.006 min
Response: 28383754
Conc: 259.71 ng/ml



#26 AR-1254-1

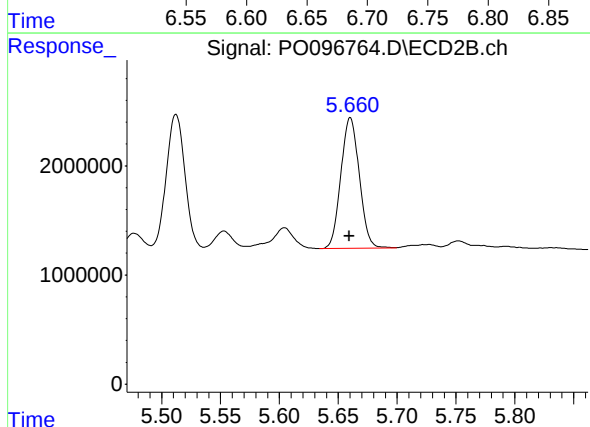
R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 13826059
Conc: 187.35 ng/ml



#27 AR-1254-2

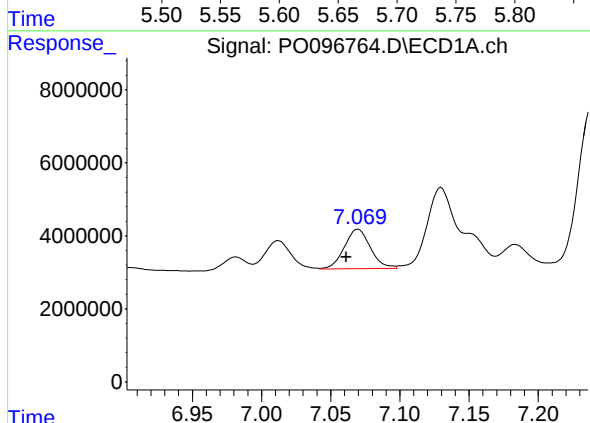
R.T.: 6.692 min
Delta R.T.: 0.006 min
Response: 25759275
Conc: 159.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



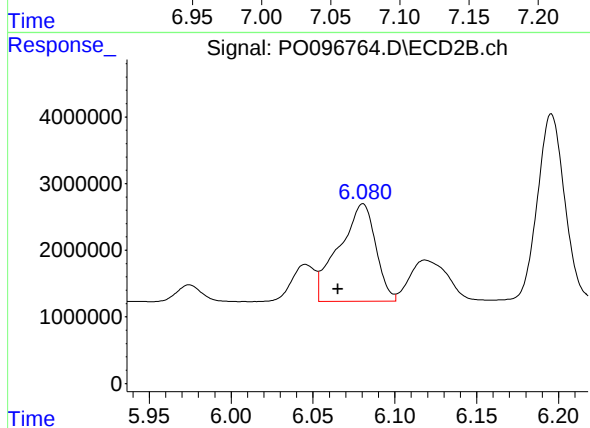
#27 AR-1254-2

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 13092873
Conc: 198.74 ng/ml



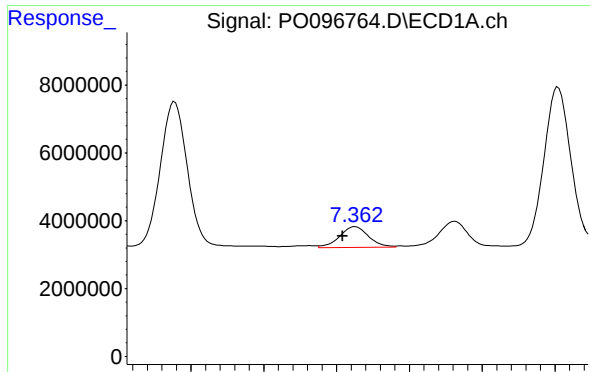
#28 AR-1254-3

R.T.: 7.070 min
Delta R.T.: 0.009 min
Response: 14129716
Conc: 90.17 ng/ml



#28 AR-1254-3

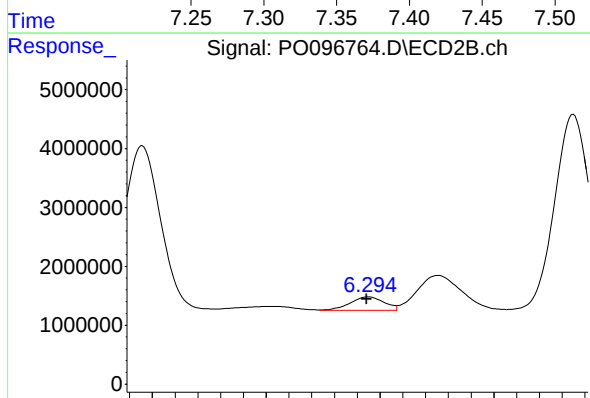
R.T.: 6.080 min
Delta R.T.: 0.015 min
Response: 22922773
Conc: 226.82 ng/ml



#29 AR-1254-4

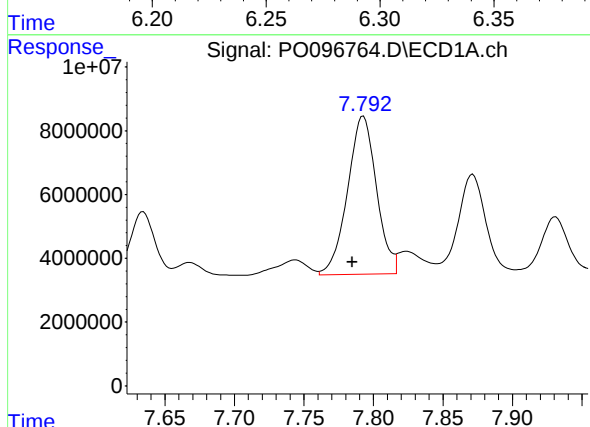
R.T.: 7.363 min
Delta R.T.: 0.008 min
Response: 8502184
Conc: 84.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



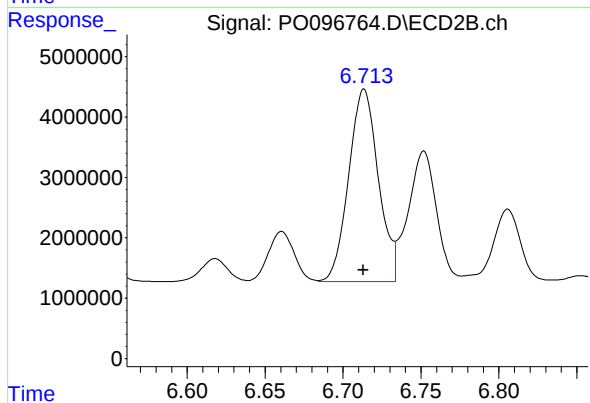
#29 AR-1254-4

R.T.: 6.295 min
Delta R.T.: 0.000 min
Response: 2365740
Conc: 40.88 ng/ml



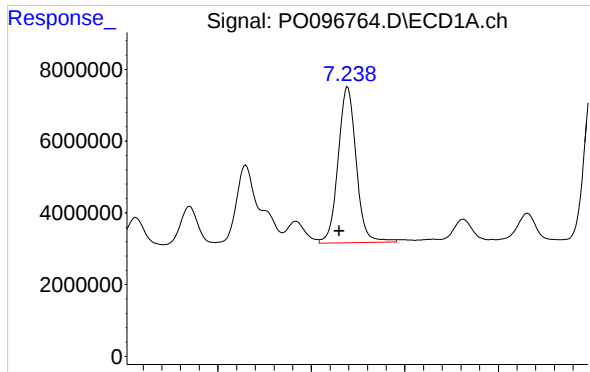
#30 AR-1254-5

R.T.: 7.793 min
Delta R.T.: 0.008 min
Response: 71871899
Conc: 640.49 ng/ml



#30 AR-1254-5

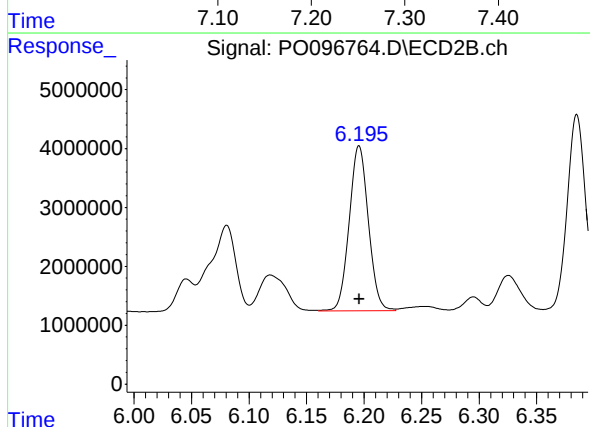
R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 42218113
Conc: 480.21 ng/ml



#31 AR-1260-1

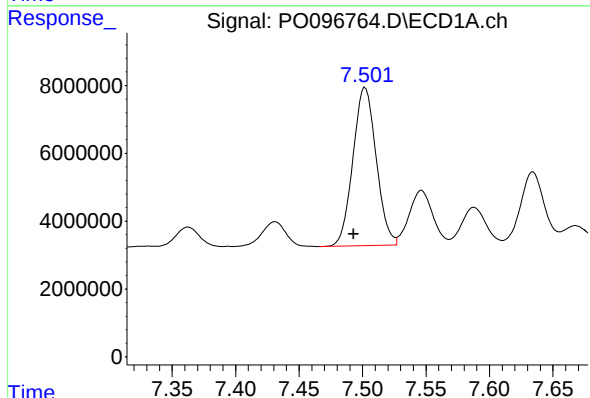
R.T.: 7.239 min
Delta R.T.: 0.009 min
Response: 58354153
Conc: 464.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



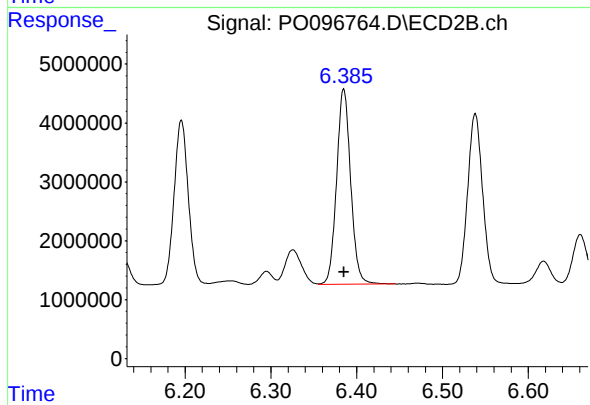
#31 AR-1260-1

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 32483016
Conc: 461.62 ng/ml



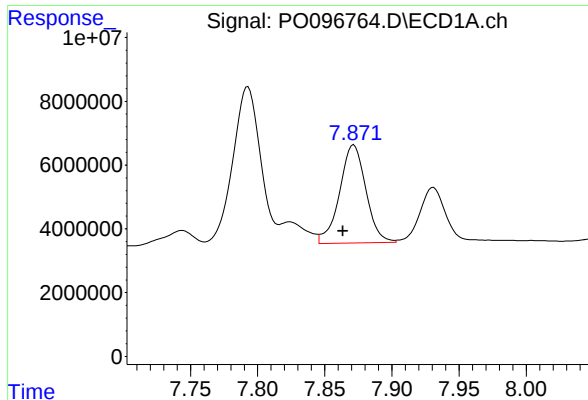
#32 AR-1260-2

R.T.: 7.502 min
Delta R.T.: 0.009 min
Response: 59566028
Conc: 442.10 ng/ml



#32 AR-1260-2

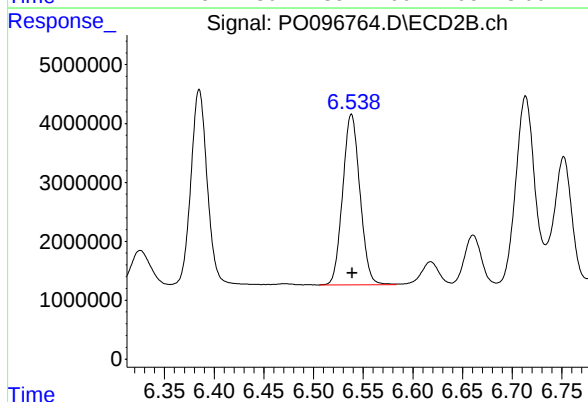
R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 37803412
Conc: 452.94 ng/ml



#33 AR-1260-3

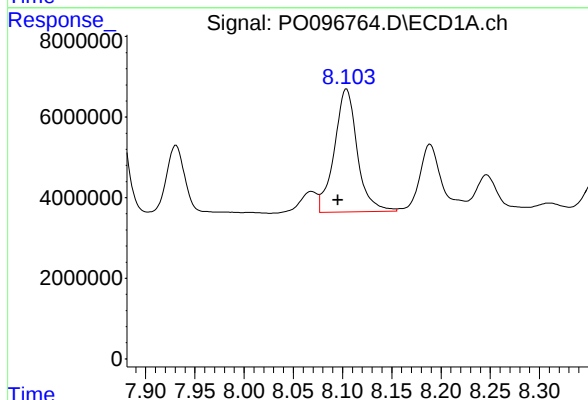
R.T.: 7.871 min
Delta R.T.: 0.008 min
Response: 41980989
Conc: 404.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



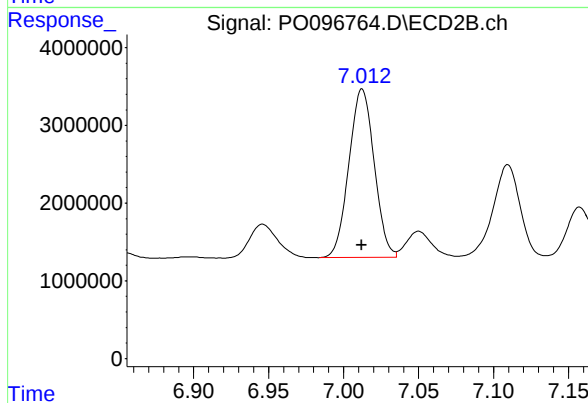
#33 AR-1260-3

R.T.: 6.538 min
Delta R.T.: 0.000 min
Response: 34997386
Conc: 453.22 ng/ml



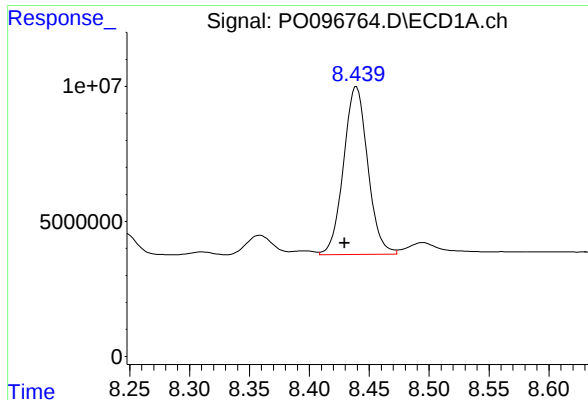
#34 AR-1260-4

R.T.: 8.104 min
Delta R.T.: 0.009 min
Response: 49723133
Conc: 444.74 ng/ml



#34 AR-1260-4

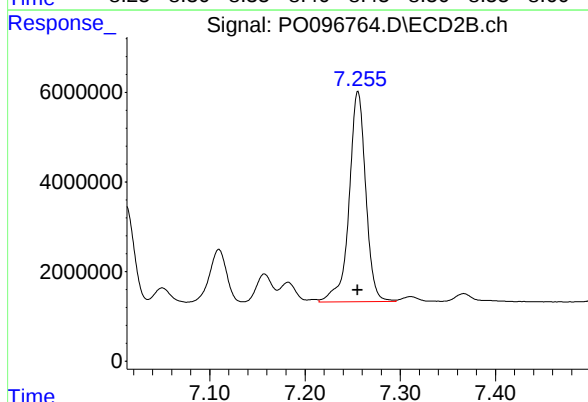
R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 25500852
Conc: 397.94 ng/ml



#35 AR-1260-5

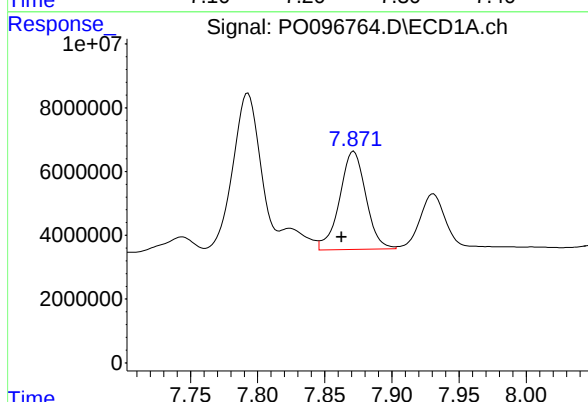
R.T.: 8.439 min
Delta R.T.: 0.010 min
Response: 87573795
Conc: 417.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



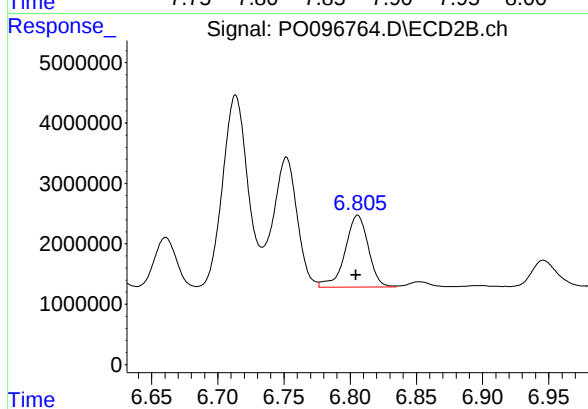
#35 AR-1260-5

R.T.: 7.256 min
Delta R.T.: 0.000 min
Response: 56930113
Conc: 410.65 ng/ml



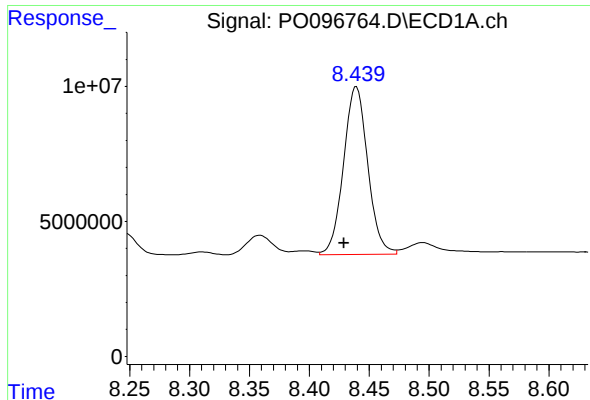
#36 AR-1262-1

R.T.: 7.871 min
Delta R.T.: 0.009 min
Response: 41980989
Conc: 282.65 ng/ml



#36 AR-1262-1

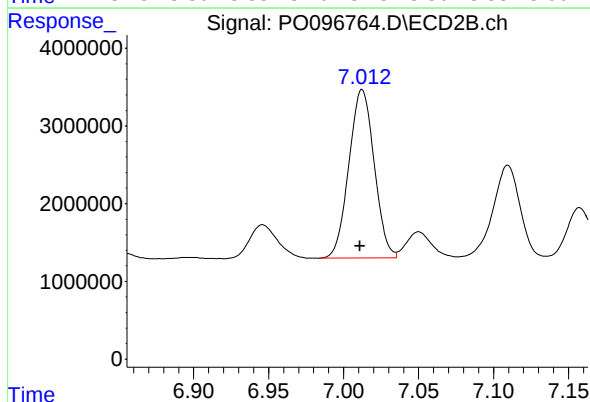
R.T.: 6.806 min
Delta R.T.: 0.001 min
Response: 14583999
Conc: 370.45 ng/ml



#37 AR-1262-2

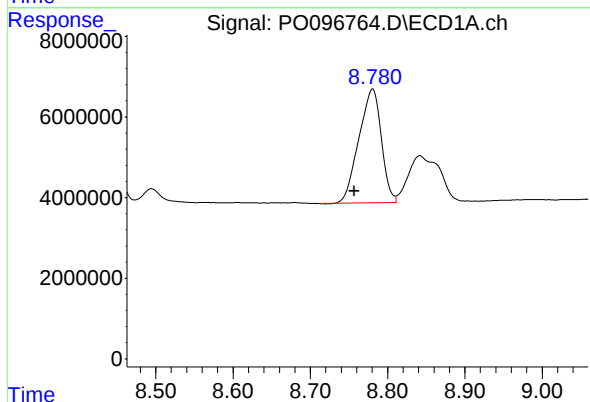
R.T.: 8.439 min
Delta R.T.: 0.010 min
Response: 87573795
Conc: 378.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



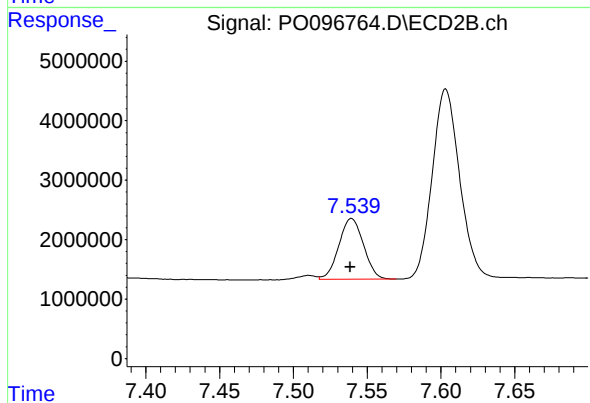
#37 AR-1262-2

R.T.: 7.012 min
Delta R.T.: 0.001 min
Response: 25500852
Conc: 314.42 ng/ml



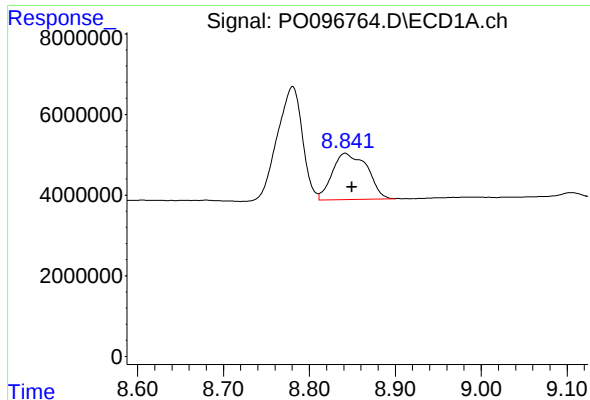
#38 AR-1262-3

R.T.: 8.781 min
Delta R.T.: 0.024 min
Response: 56903144
Conc: 341.15 ng/ml



#38 AR-1262-3

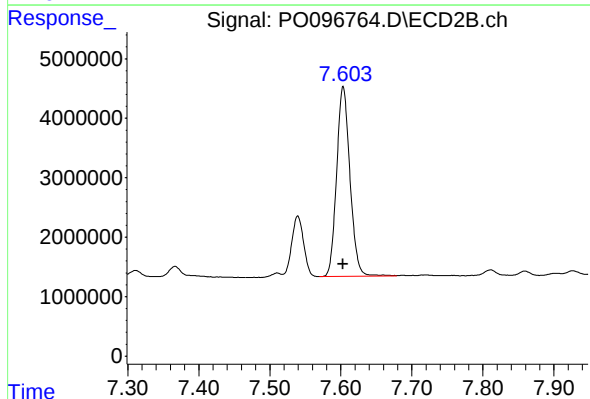
R.T.: 7.539 min
Delta R.T.: 0.000 min
Response: 11944723
Conc: 186.13 ng/ml



#39 AR-1262-4

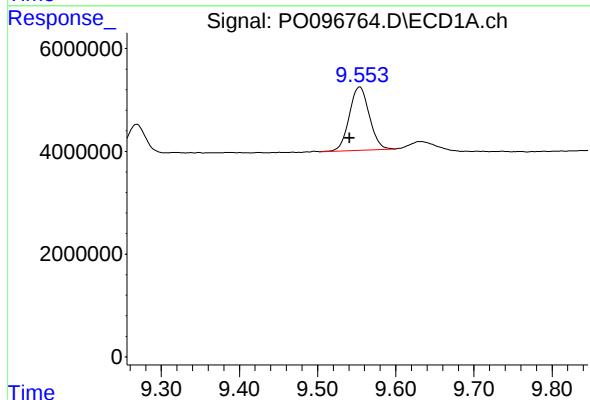
R.T.: 8.842 min
Delta R.T.: -0.008 min
Response: 32399357
Conc: 444.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



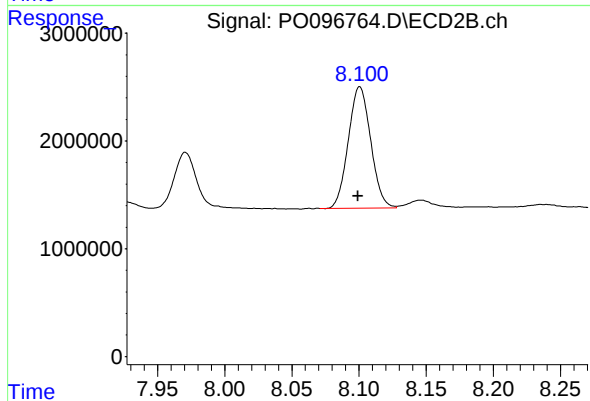
#39 AR-1262-4

R.T.: 7.603 min
Delta R.T.: 0.000 min
Response: 41670666
Conc: 366.82 ng/ml



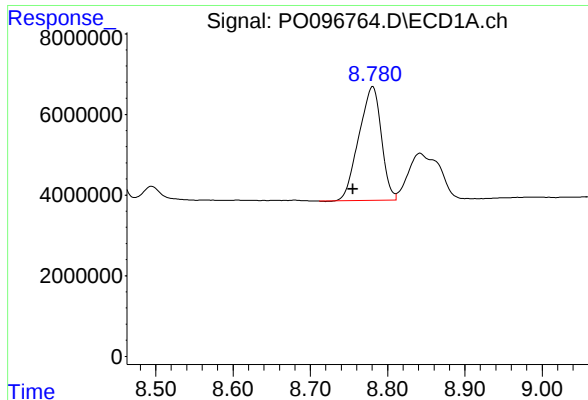
#40 AR-1262-5

R.T.: 9.554 min
Delta R.T.: 0.013 min
Response: 21802327
Conc: 261.80 ng/ml



#40 AR-1262-5

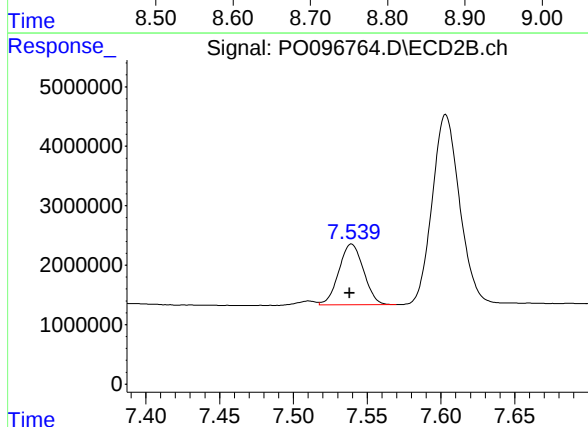
R.T.: 8.101 min
Delta R.T.: 0.001 min
Response: 13106291
Conc: 249.56 ng/ml



#41 AR-1268-1

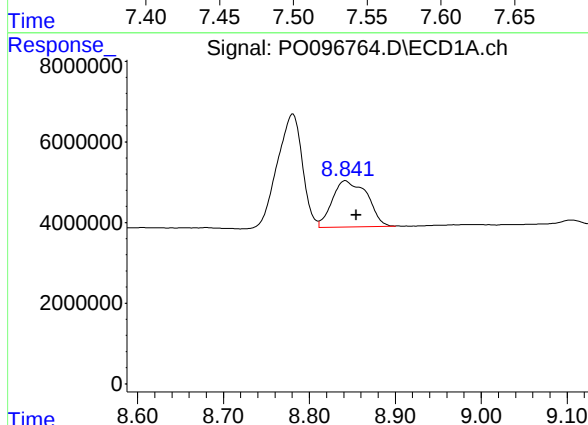
R.T.: 8.781 min
Delta R.T.: 0.025 min
Response: 56903144
Conc: 185.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



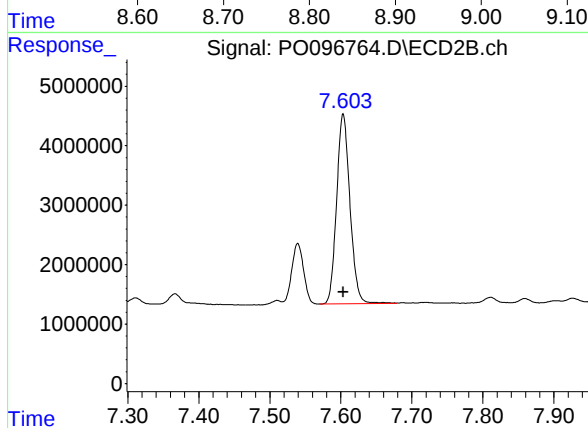
#41 AR-1268-1

R.T.: 7.539 min
Delta R.T.: 0.001 min
Response: 11944723
Conc: 64.47 ng/ml



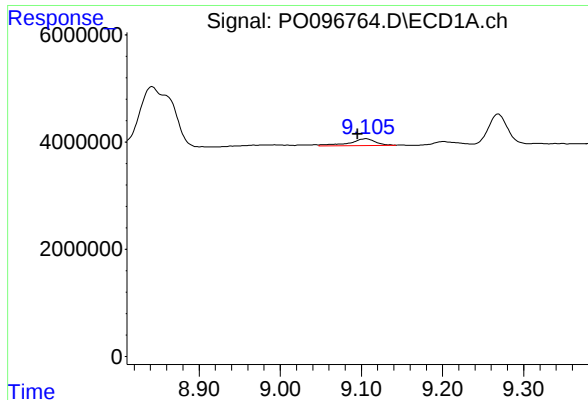
#42 AR-1268-2

R.T.: 8.842 min
Delta R.T.: -0.013 min
Response: 32399357
Conc: 118.16 ng/ml



#42 AR-1268-2

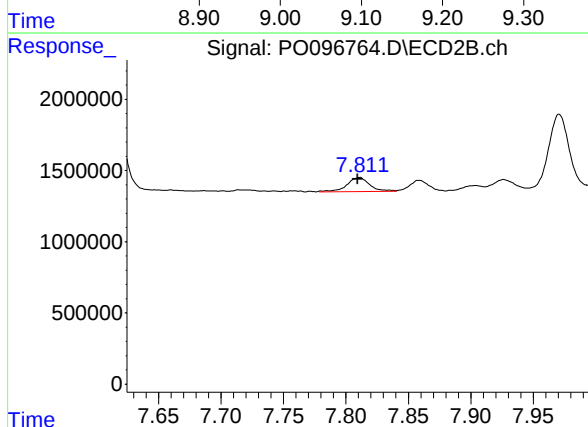
R.T.: 7.603 min
Delta R.T.: 0.000 min
Response: 41670666
Conc: 248.50 ng/ml



#43 AR-1268-3

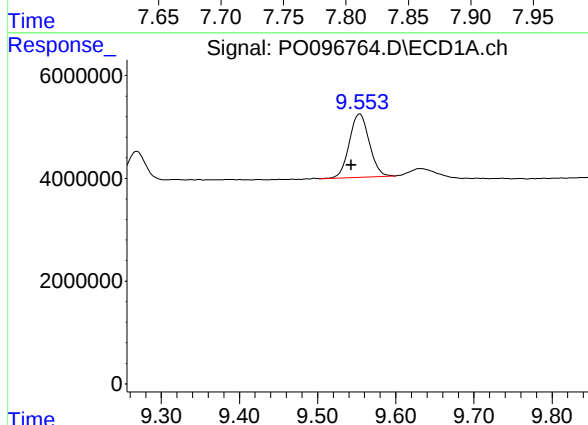
R.T.: 9.106 min
Delta R.T.: 0.010 min
Response: 3006698
Conc: 11.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



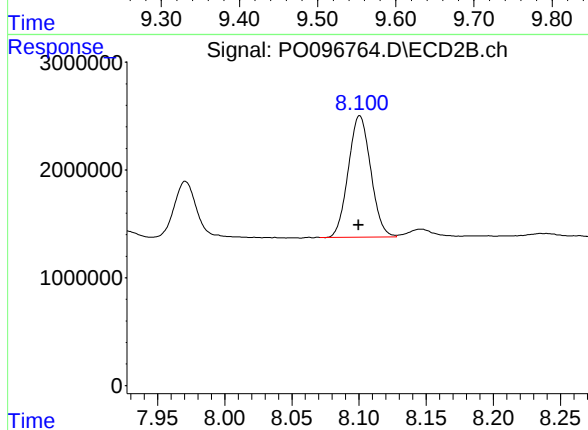
#43 AR-1268-3

R.T.: 7.811 min
Delta R.T.: 0.002 min
Response: 1258863
Conc: 8.71 ng/ml



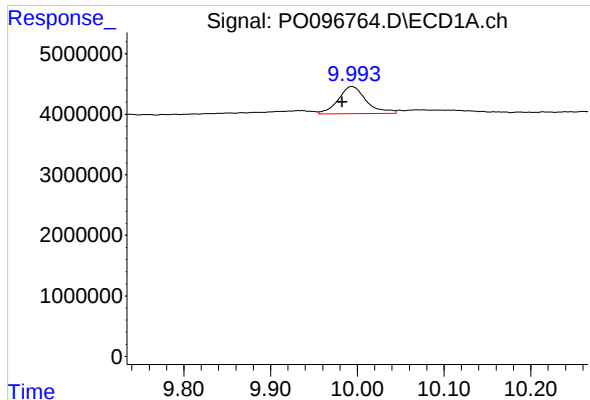
#44 AR-1268-4

R.T.: 9.554 min
Delta R.T.: 0.011 min
Response: 21802327
Conc: 235.16 ng/ml



#44 AR-1268-4

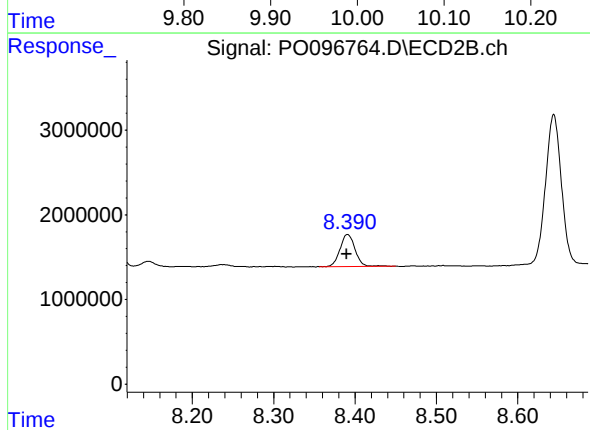
R.T.: 8.101 min
Delta R.T.: 0.000 min
Response: 13106291
Conc: 220.00 ng/ml



#45 AR-1268-5

R.T.: 9.994 min
Delta R.T.: 0.011 min
Response: 10146722
Conc: 12.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.391 min
Delta R.T.: 0.001 min
Response: 4868482
Conc: 11.71 ng/ml