

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092023\
 Data File : P0098197.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Sep 2023 02:50
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 03:04:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 20 07:12:48 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...	4.495	3.637	145.4E6	72451473	48.617	65.259 #
2) SA Decachlor...	10.338	8.655	79147641	57201454	45.337	51.923
Target Compounds						
3) L1 AR-1016-1	5.673	4.724	1493249	807967	16.238	18.027
4) L1 AR-1016-2	5.700	4.724	1657114	807967	12.485	13.594
5) L1 AR-1016-3	5.759	4.919	975379	946614	11.517	29.284 #
6) L1 AR-1016-4	5.858	4.961	946123	15551774	14.228	591.299 #
7) L1 AR-1016-5	6.156	5.174	16145998	11326249	259.230	328.438 #
8) L2 AR-1221-1	4.708	3.845	46815	82036	1.185	4.675 #
9) L2 AR-1221-2	4.804	3.938	2531470	1017619	84.672	76.448
10) L2 AR-1221-3	4.870	4.014	461614	248512	5.332	6.576
11) L3 AR-1232-1	4.870	4.014	461614	248512	6.384	7.884
12) L3 AR-1232-2	5.403	4.724	634477	807967	17.558	28.098 #
13) L3 AR-1232-3	5.700	4.919	1657114	946614	26.838	61.572 #
14) L3 AR-1232-4	5.858	5.002	946123	5885948	30.921	400.950 #
15) L3 AR-1232-5	5.996	5.174	8465451	11326249	335.552	714.339 #
16) L4 AR-1242-1	5.673	4.724	1493249	807967	18.242	19.679
17) L4 AR-1242-2	5.700	4.724	1657114	807967	14.197	14.790
18) L4 AR-1242-3	5.759	4.919	975379	946614	13.082	31.930 #
19) L4 AR-1242-4	5.858	5.002	946123	5885948	16.039	186.664 #
20) L4 AR-1242-5	6.605	5.528	17205295	38699578	266.214	1029.600 #
21) L5 AR-1248-1	5.673	4.724	1493249	807967	24.772	25.997
22) L5 AR-1248-2	5.950	4.961	28660666	15551774	330.613	364.884
23) L5 AR-1248-3	6.156	5.002	16145998	5885948	175.873	128.265 #
24) L5 AR-1248-4	6.562	5.174	23227750	11326249	234.784	216.507
25) L5 AR-1248-5	6.605	5.568	17205295	6335035	164.018	122.216 #
26) L6 AR-1254-1	6.537	5.528	47838399	38699578	486.456	514.411
27) L6 AR-1254-2	6.757	5.676	70367247	33651913	473.189	503.162
28) L6 AR-1254-3	7.125	6.081	70928360	51071288	469.666	490.349
29) L6 AR-1254-4	7.413	6.310	50407127	31270056	466.451	487.705
30) L6 AR-1254-5	7.834	6.728	52749628	43523539	469.670	480.273
31) L7 AR-1260-1	7.291	6.211	27881749	24069891	248.158	347.413 #
32) L7 AR-1260-2	7.549	6.399	30027986	18982132	229.550	231.832
33) L7 AR-1260-3	7.894	6.553	6273346	19615470	65.049	253.230 #
34) L7 AR-1260-4	8.125	7.026	20042782	2168876	182.697	34.883 #
35) L7 AR-1260-5	8.465	7.268	6756892	4730382	32.914	33.348
36) L8 AR-1262-1	7.894	6.798	6273346	3467994	43.880	37.881
37) L8 AR-1262-2	8.465	7.026	6756892	2168876	27.441	26.616
38) L8 AR-1262-3	8.801	7.552	5703419	1185107	34.517	18.640 #
39) L8 AR-1262-4	8.891	7.614	214314	4873947	2.827	41.808 #
40) L8 AR-1262-5	9.559	8.111	82189	377719	0.954	6.955 #
41) L9 AR-1268-1	8.801	7.552	5703419	1185107	20.407	6.391 #

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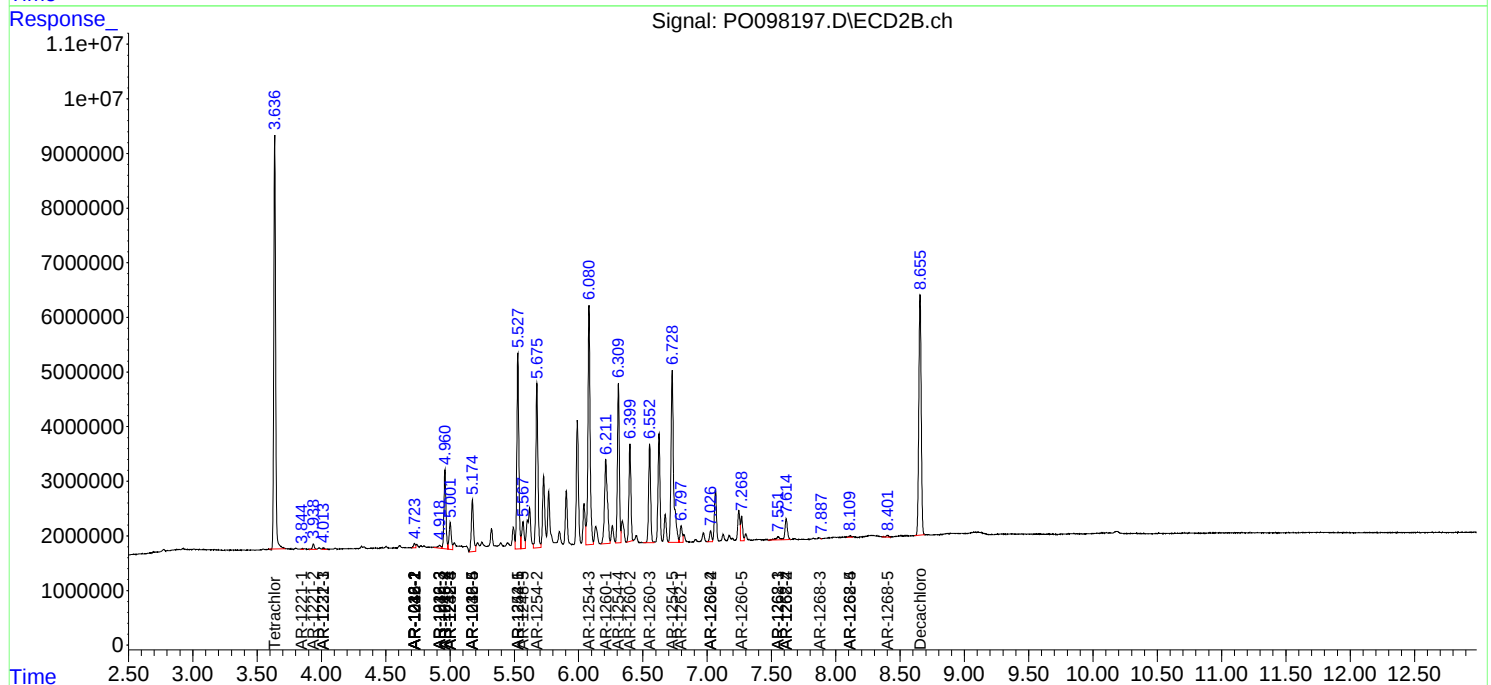
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

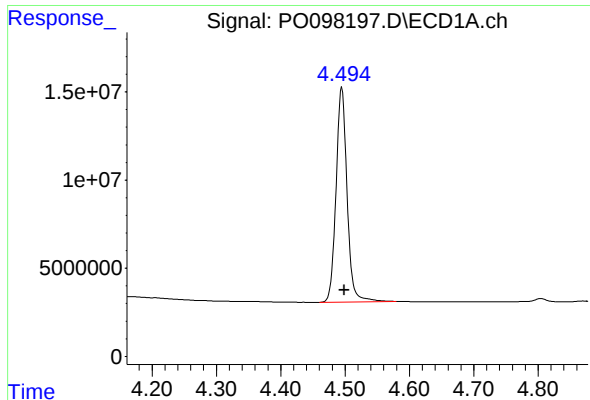
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.891	7.614	214314	4873947	0.857	29.929 #
43) L9	AR-1268-3	9.125	7.887	309804	19430	1.439	0.575 #
44) L9	AR-1268-4	9.559	8.111	82189	377719	0.902	6.320 #
45) L9	AR-1268-5	9.998	8.401	207075	360872	0.288	0.846 #

(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

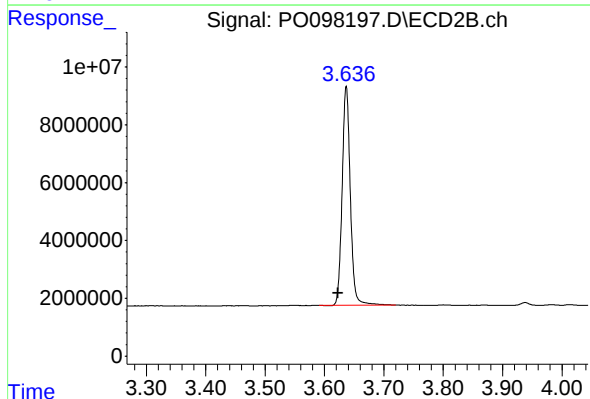




#1 Tetrachloro-m-xylene

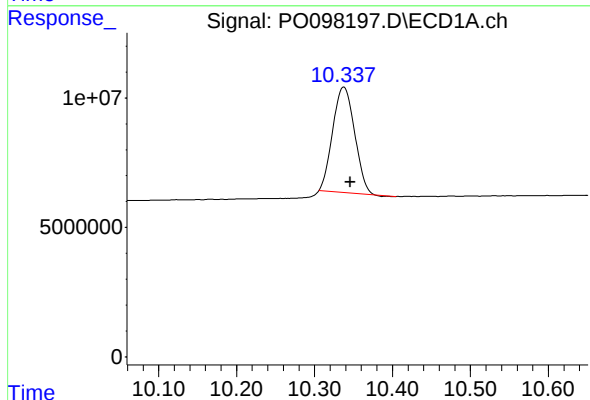
R.T.: 4.495 min
Delta R.T.: -0.004 min
Response: 145410731
Conc: 48.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



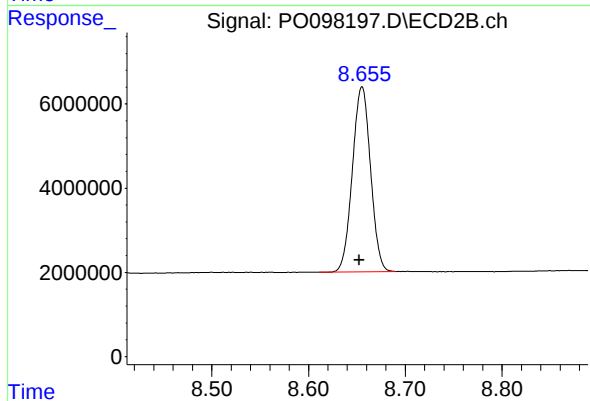
#1 Tetrachloro-m-xylene

R.T.: 3.637 min
Delta R.T.: 0.014 min
Response: 72451473
Conc: 65.26 ng/ml



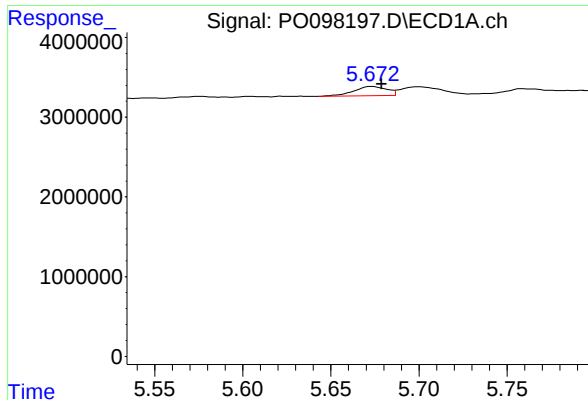
#2 Decachlorobiphenyl

R.T.: 10.338 min
Delta R.T.: -0.009 min
Response: 79147641
Conc: 45.34 ng/ml



#2 Decachlorobiphenyl

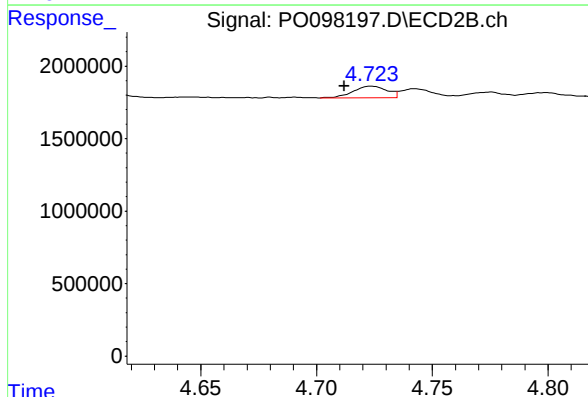
R.T.: 8.655 min
Delta R.T.: 0.003 min
Response: 57201454
Conc: 51.92 ng/ml



#3 AR-1016-1

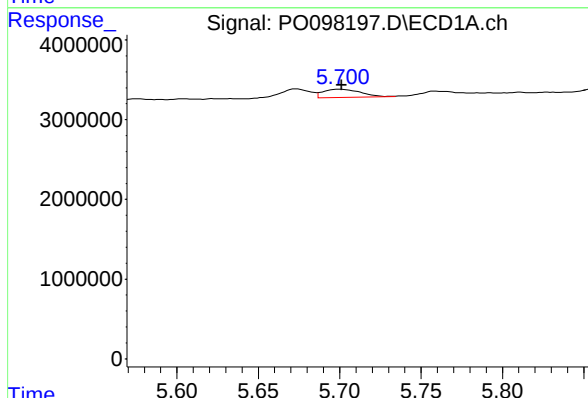
R.T.: 5.673 min
Delta R.T.: -0.006 min
Response: 1493249
Conc: 16.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



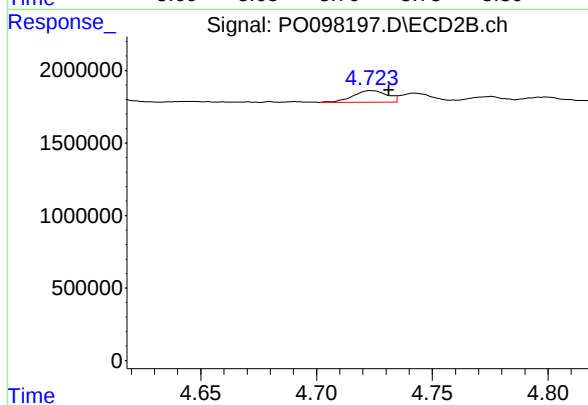
#3 AR-1016-1

R.T.: 4.724 min
Delta R.T.: 0.012 min
Response: 807967
Conc: 18.03 ng/ml



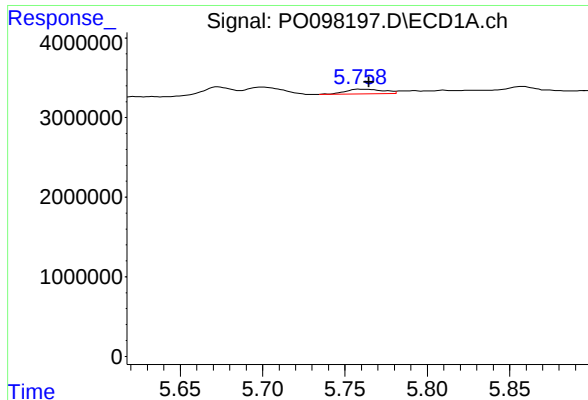
#4 AR-1016-2

R.T.: 5.700 min
Delta R.T.: -0.001 min
Response: 1657114
Conc: 12.48 ng/ml



#4 AR-1016-2

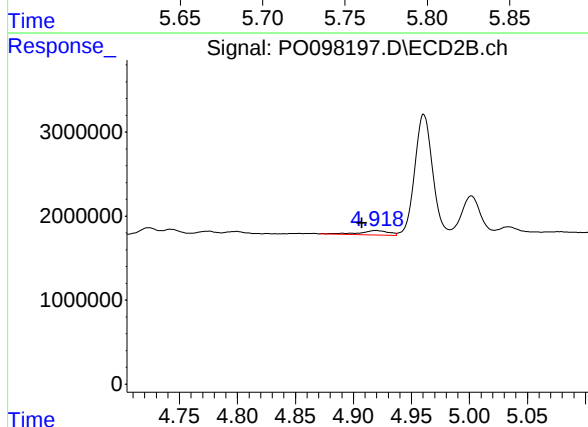
R.T.: 4.724 min
Delta R.T.: -0.008 min
Response: 807967
Conc: 13.59 ng/ml



#5 AR-1016-3

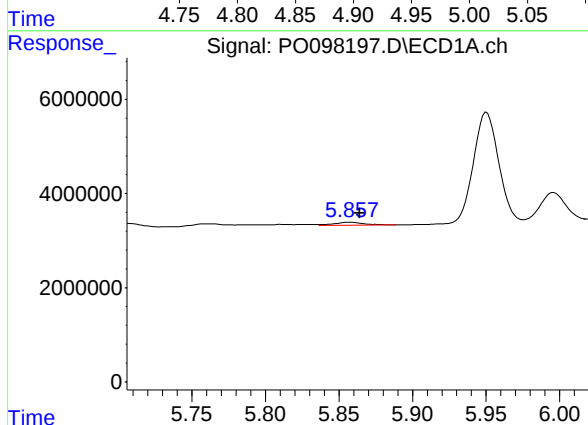
R.T.: 5.759 min
Delta R.T.: -0.006 min
Response: 975379
Conc: 11.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



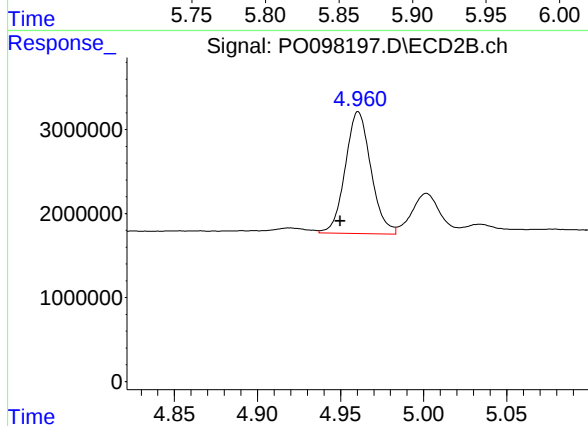
#5 AR-1016-3

R.T.: 4.919 min
Delta R.T.: 0.012 min
Response: 946614
Conc: 29.28 ng/ml



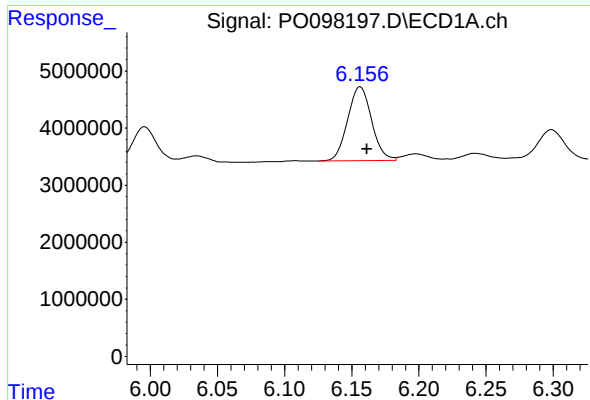
#6 AR-1016-4

R.T.: 5.858 min
Delta R.T.: -0.006 min
Response: 946123
Conc: 14.23 ng/ml



#6 AR-1016-4

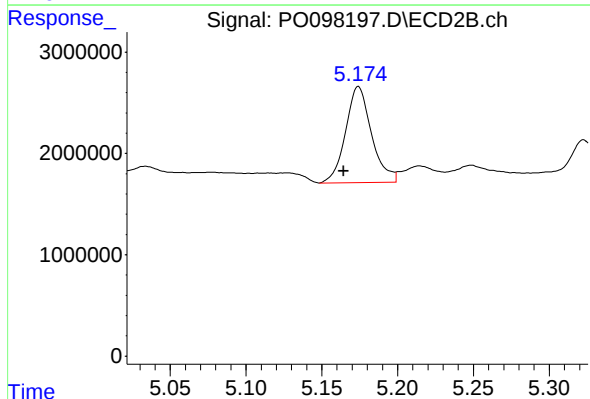
R.T.: 4.961 min
Delta R.T.: 0.011 min
Response: 15551774
Conc: 591.30 ng/ml



#7 AR-1016-5

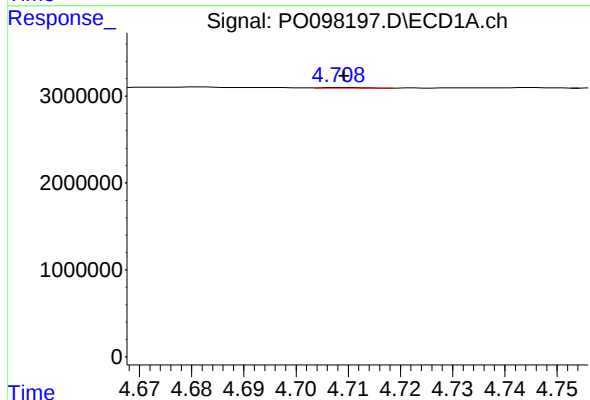
R.T.: 6.156 min
Delta R.T.: -0.005 min
Response: 16145998
Conc: 259.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



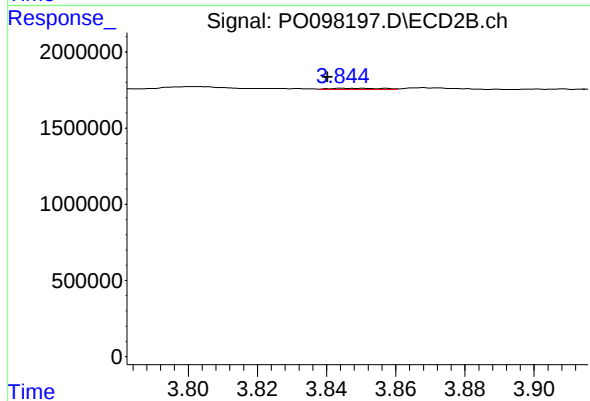
#7 AR-1016-5

R.T.: 5.174 min
Delta R.T.: 0.010 min
Response: 11326249
Conc: 328.44 ng/ml



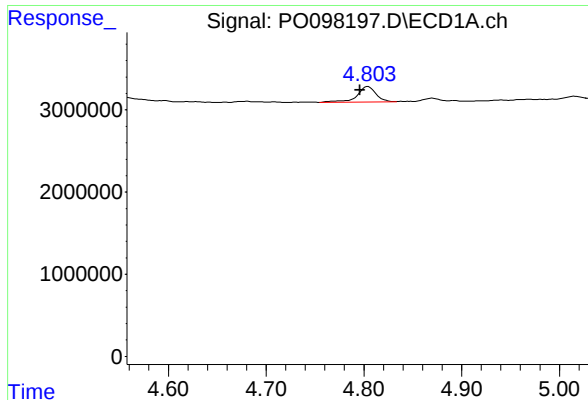
#8 AR-1221-1

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 46815
Conc: 1.18 ng/ml



#8 AR-1221-1

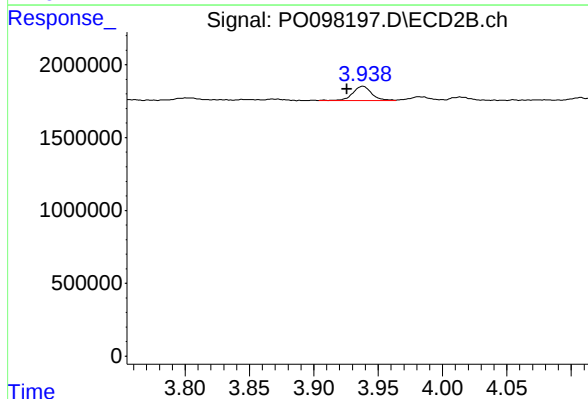
R.T.: 3.845 min
Delta R.T.: 0.005 min
Response: 82036
Conc: 4.67 ng/ml



#9 AR-1221-2

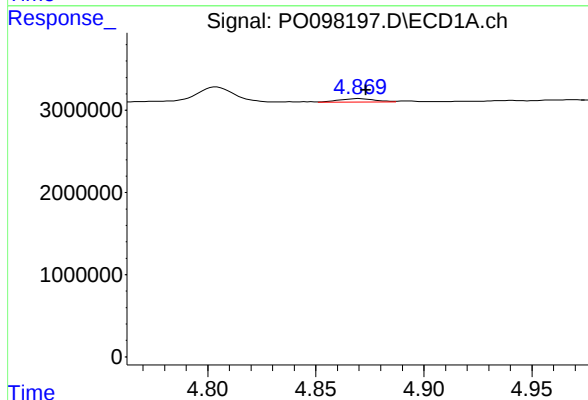
R.T.: 4.804 min
Delta R.T.: 0.008 min
Response: 2531470
Conc: 84.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



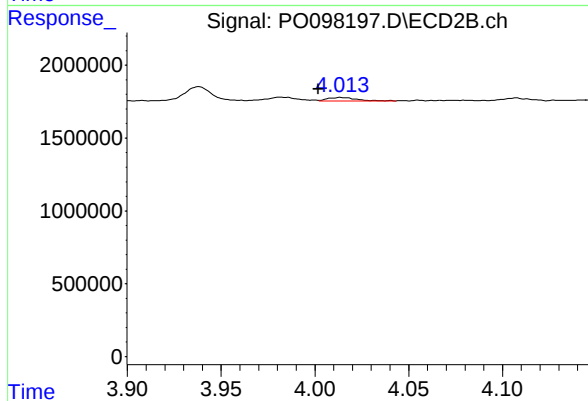
#9 AR-1221-2

R.T.: 3.938 min
Delta R.T.: 0.012 min
Response: 1017619
Conc: 76.45 ng/ml



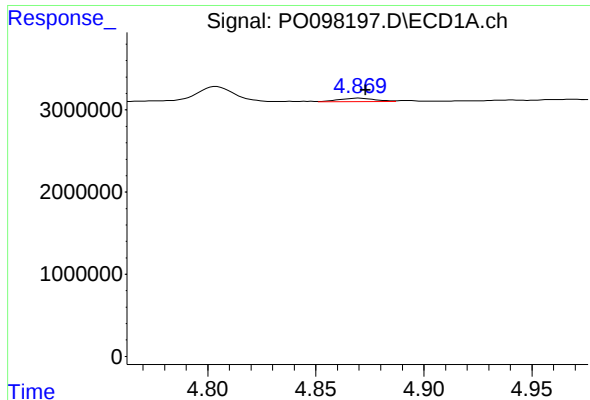
#10 AR-1221-3

R.T.: 4.870 min
Delta R.T.: -0.003 min
Response: 461614
Conc: 5.33 ng/ml



#10 AR-1221-3

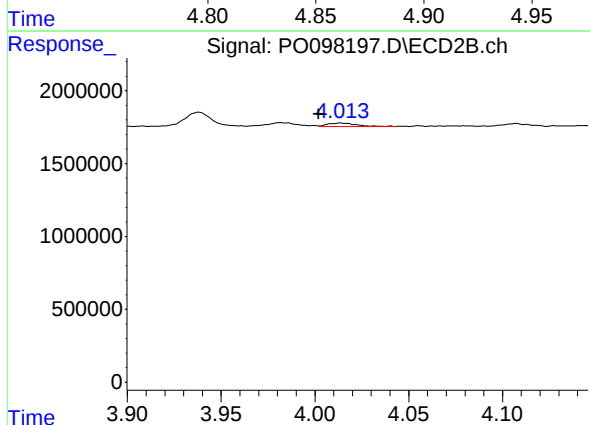
R.T.: 4.014 min
Delta R.T.: 0.012 min
Response: 248512
Conc: 6.58 ng/ml



#11 AR-1232-1

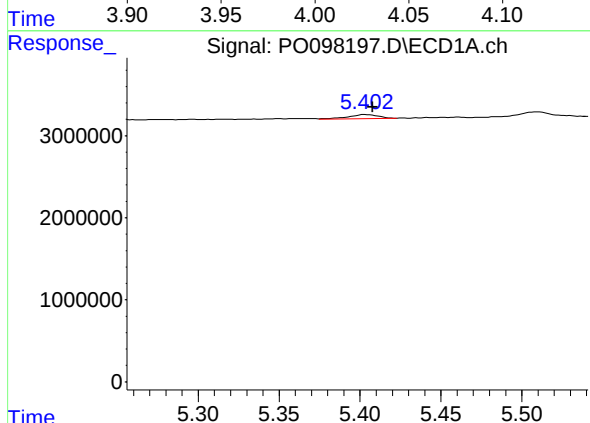
R.T.: 4.870 min
Delta R.T.: -0.003 min
Response: 461614
Conc: 6.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



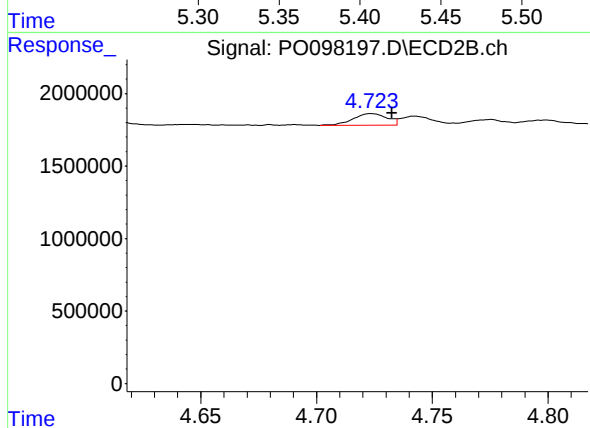
#11 AR-1232-1

R.T.: 4.014 min
Delta R.T.: 0.012 min
Response: 248512
Conc: 7.88 ng/ml



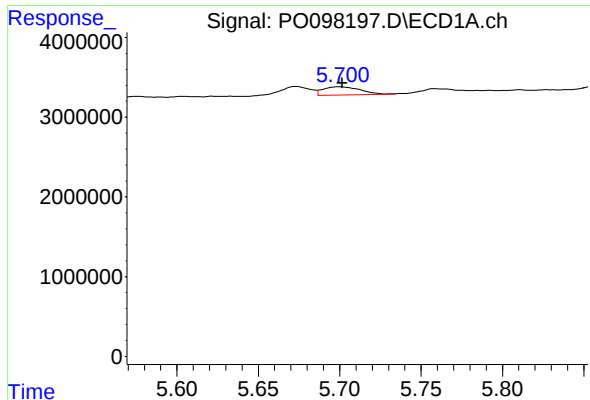
#12 AR-1232-2

R.T.: 5.403 min
Delta R.T.: -0.004 min
Response: 634477
Conc: 17.56 ng/ml



#12 AR-1232-2

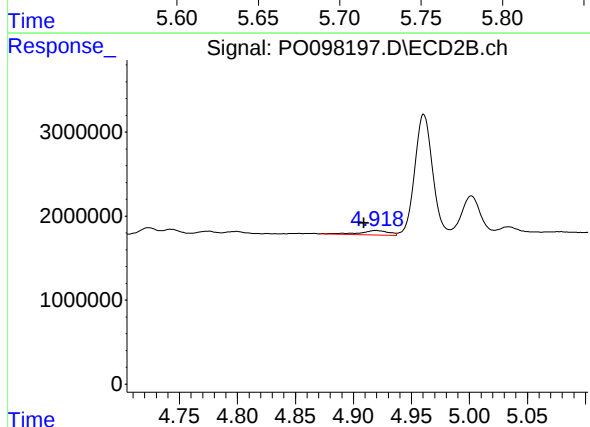
R.T.: 4.724 min
Delta R.T.: -0.009 min
Response: 807967
Conc: 28.10 ng/ml



#13 AR-1232-3

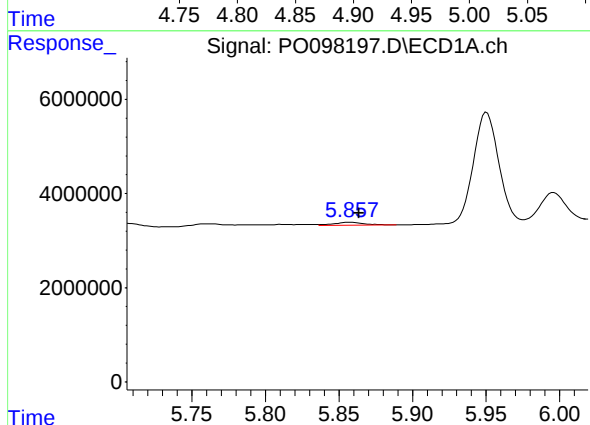
R.T.: 5.700 min
Delta R.T.: -0.001 min
Response: 1657114
Conc: 26.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



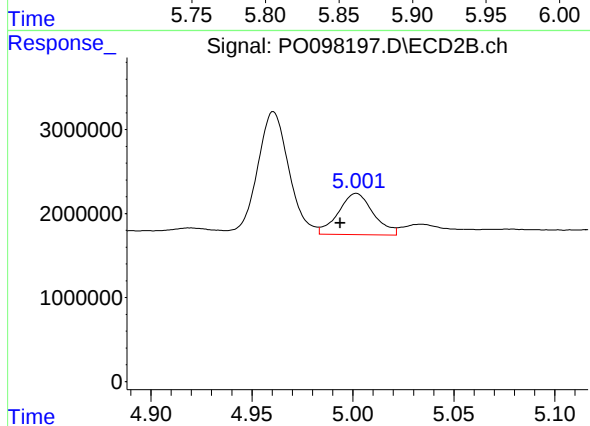
#13 AR-1232-3

R.T.: 4.919 min
Delta R.T.: 0.010 min
Response: 946614
Conc: 61.57 ng/ml



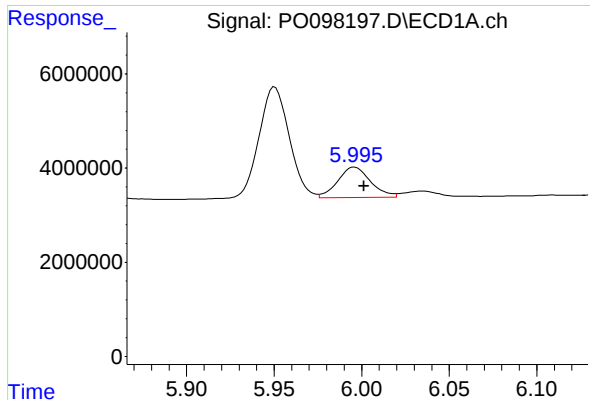
#14 AR-1232-4

R.T.: 5.858 min
Delta R.T.: -0.006 min
Response: 946123
Conc: 30.92 ng/ml



#14 AR-1232-4

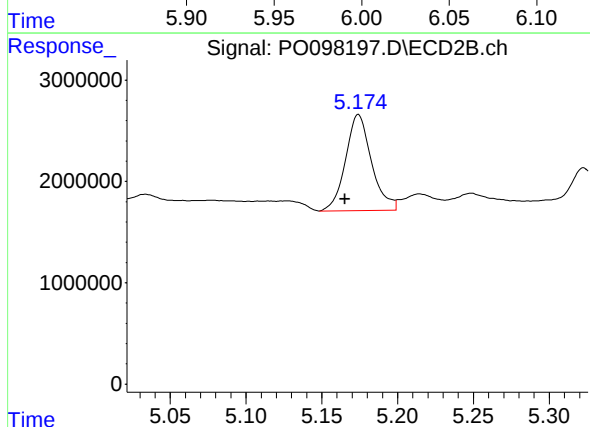
R.T.: 5.002 min
Delta R.T.: 0.008 min
Response: 5885948
Conc: 400.95 ng/ml



#15 AR-1232-5

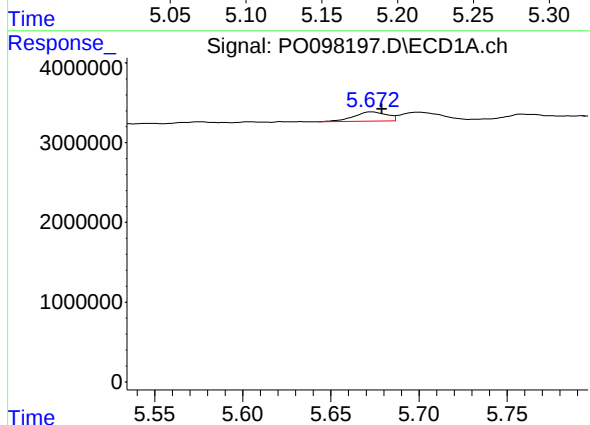
R.T.: 5.996 min
Delta R.T.: -0.005 min
Response: 8465451
Conc: 335.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



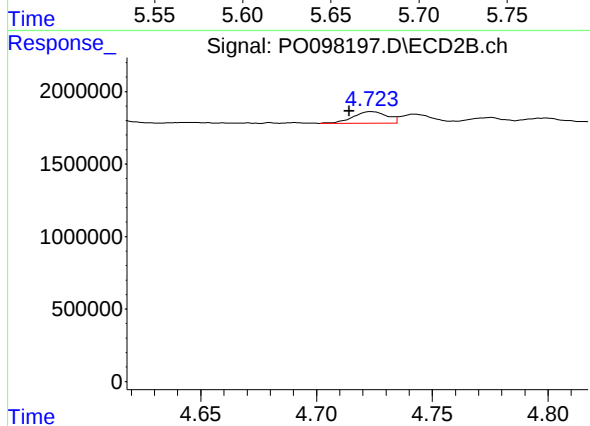
#15 AR-1232-5

R.T.: 5.174 min
Delta R.T.: 0.009 min
Response: 11326249
Conc: 714.34 ng/ml



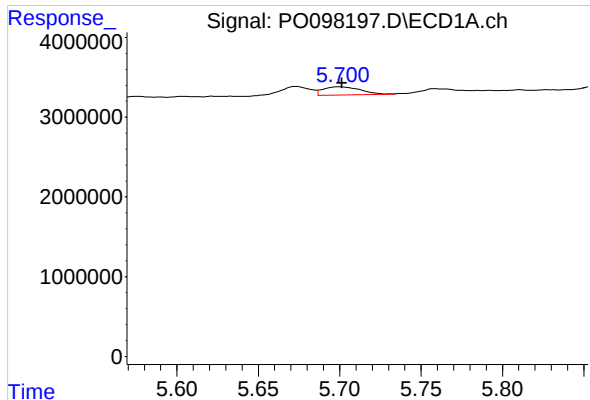
#16 AR-1242-1

R.T.: 5.673 min
Delta R.T.: -0.006 min
Response: 1493249
Conc: 18.24 ng/ml



#16 AR-1242-1

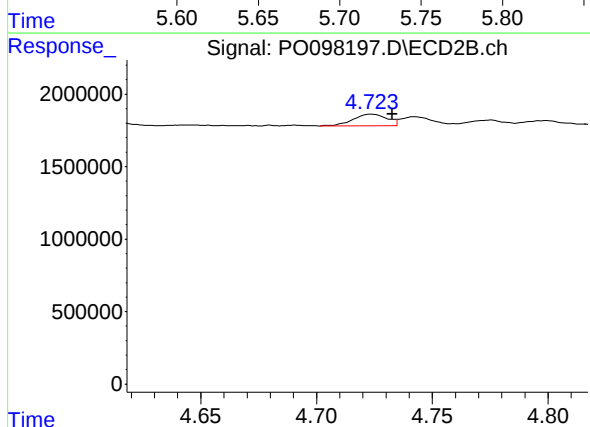
R.T.: 4.724 min
Delta R.T.: 0.009 min
Response: 807967
Conc: 19.68 ng/ml



#17 AR-1242-2

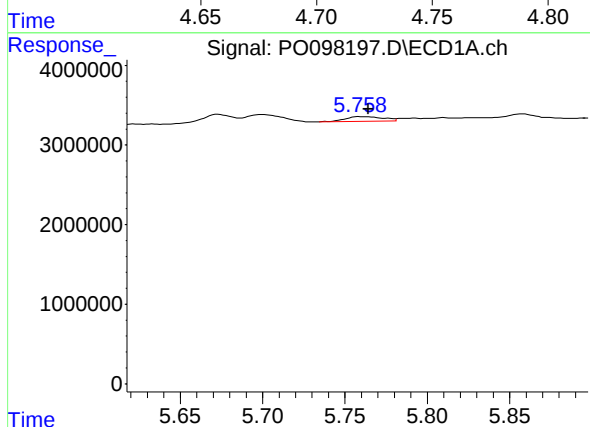
R.T.: 5.700 min
Delta R.T.: -0.001 min
Response: 1657114
Conc: 14.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



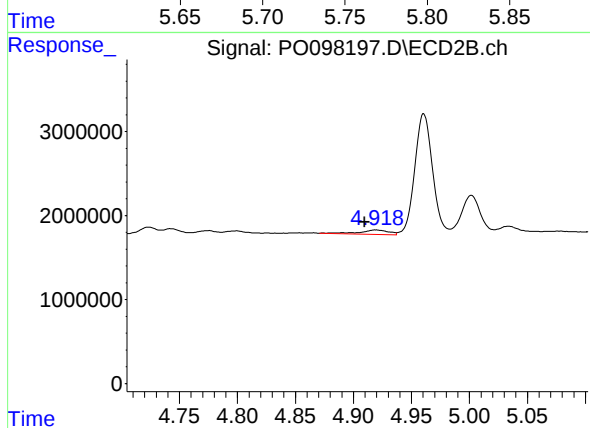
#17 AR-1242-2

R.T.: 4.724 min
Delta R.T.: -0.009 min
Response: 807967
Conc: 14.79 ng/ml



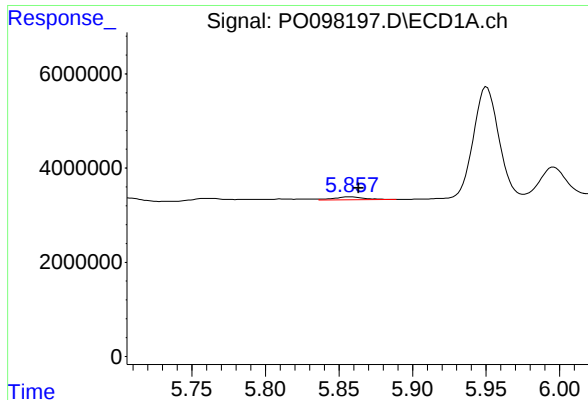
#18 AR-1242-3

R.T.: 5.759 min
Delta R.T.: -0.005 min
Response: 975379
Conc: 13.08 ng/ml



#18 AR-1242-3

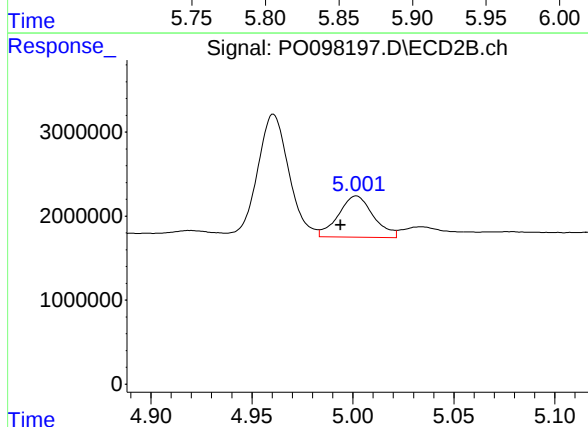
R.T.: 4.919 min
Delta R.T.: 0.010 min
Response: 946614
Conc: 31.93 ng/ml



#19 AR-1242-4

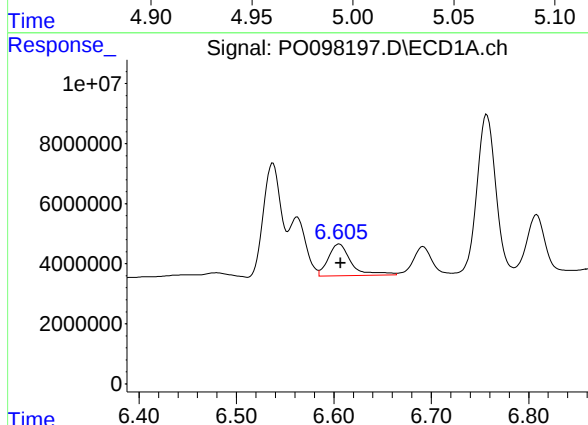
R.T.: 5.858 min
Delta R.T.: -0.006 min
Response: 946123
Conc: 16.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



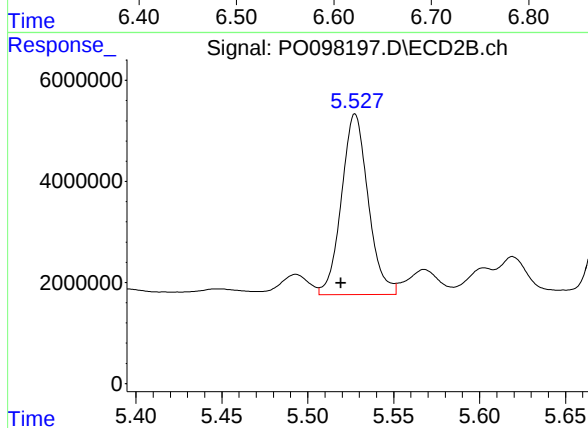
#19 AR-1242-4

R.T.: 5.002 min
Delta R.T.: 0.008 min
Response: 5885948
Conc: 186.66 ng/ml



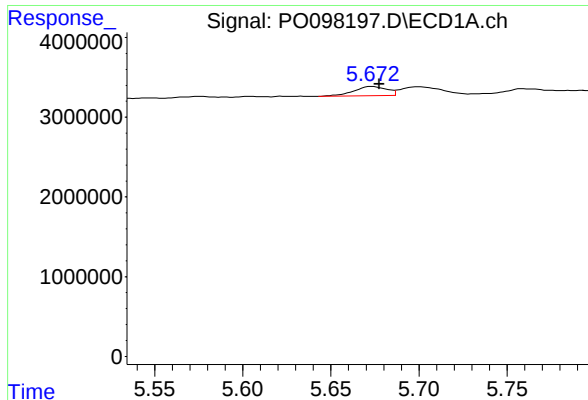
#20 AR-1242-5

R.T.: 6.605 min
Delta R.T.: -0.001 min
Response: 17205295
Conc: 266.21 ng/ml



#20 AR-1242-5

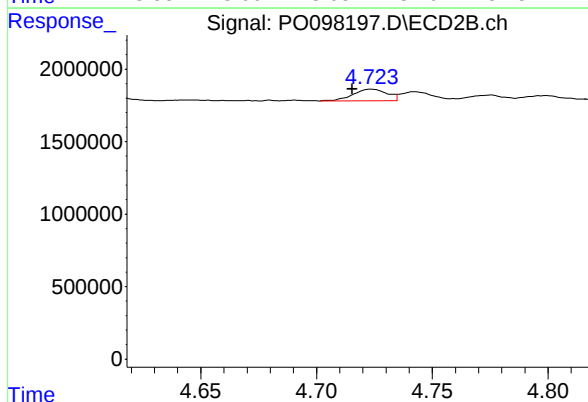
R.T.: 5.528 min
Delta R.T.: 0.008 min
Response: 38699578
Conc: 1029.60 ng/ml



#21 AR-1248-1

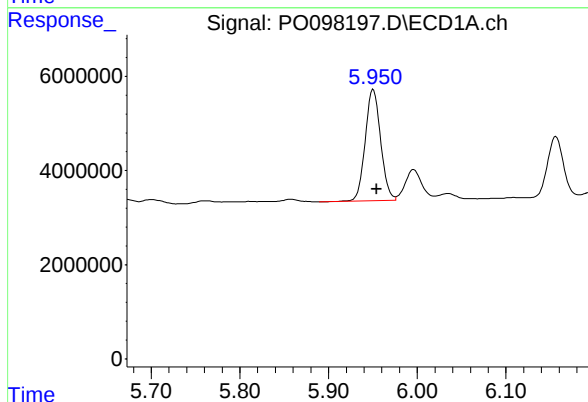
R.T.: 5.673 min
Delta R.T.: -0.005 min
Response: 1493249
Conc: 24.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



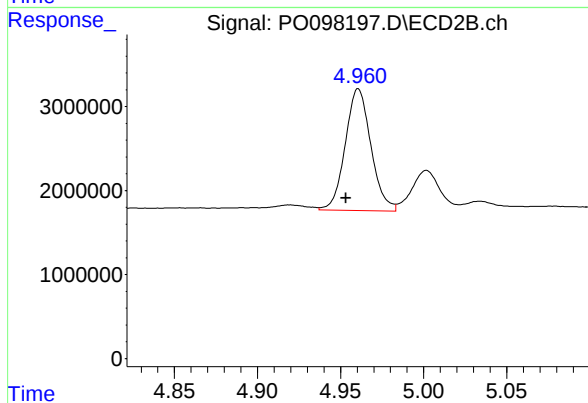
#21 AR-1248-1

R.T.: 4.724 min
Delta R.T.: 0.008 min
Response: 807967
Conc: 26.00 ng/ml



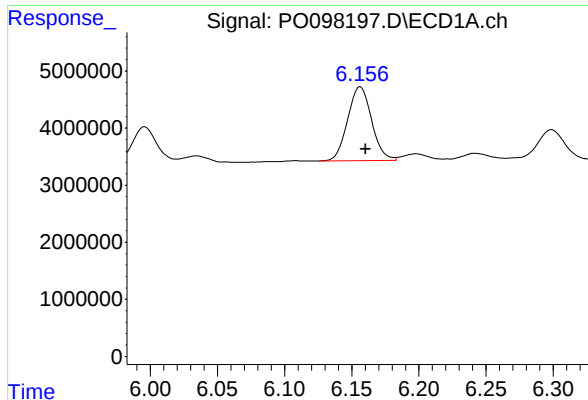
#22 AR-1248-2

R.T.: 5.950 min
Delta R.T.: -0.004 min
Response: 28660666
Conc: 330.61 ng/ml



#22 AR-1248-2

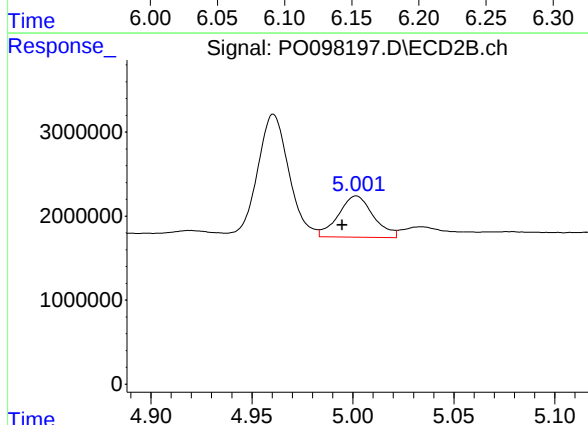
R.T.: 4.961 min
Delta R.T.: 0.007 min
Response: 15551774
Conc: 364.88 ng/ml



#23 AR-1248-3

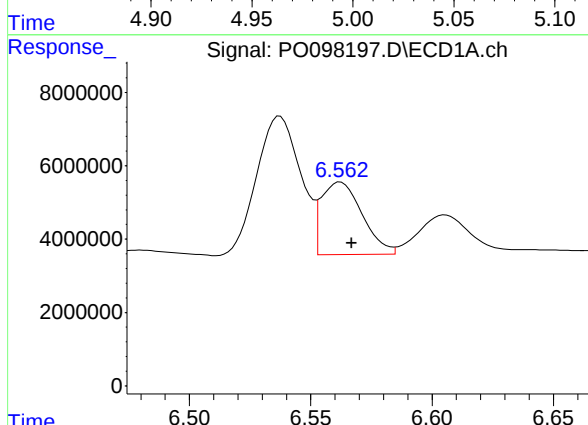
R.T.: 6.156 min
Delta R.T.: -0.004 min
Response: 16145998
Conc: 175.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



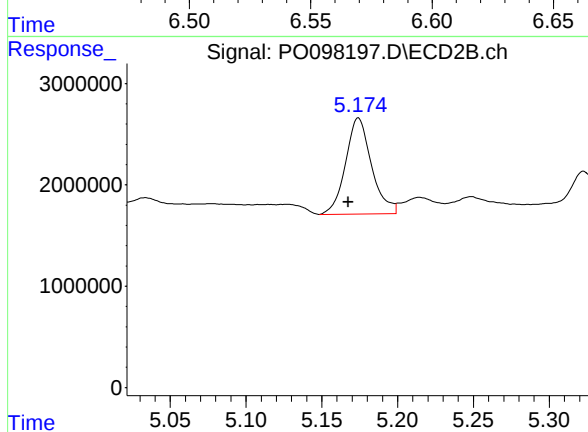
#23 AR-1248-3

R.T.: 5.002 min
Delta R.T.: 0.007 min
Response: 5885948
Conc: 128.26 ng/ml



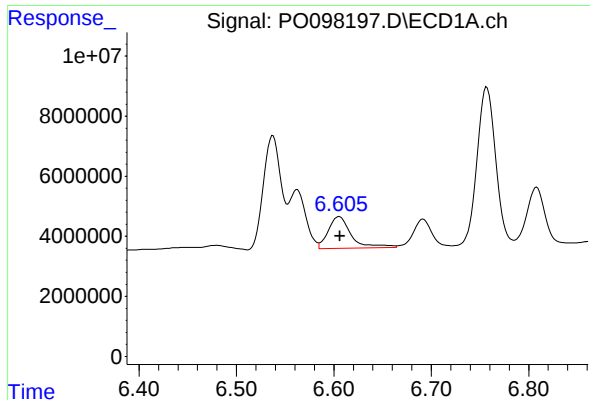
#24 AR-1248-4

R.T.: 6.562 min
Delta R.T.: -0.005 min
Response: 23227750
Conc: 234.78 ng/ml



#24 AR-1248-4

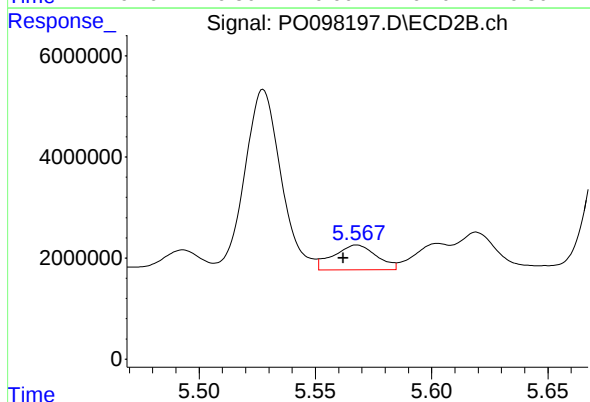
R.T.: 5.174 min
Delta R.T.: 0.007 min
Response: 11326249
Conc: 216.51 ng/ml



#25 AR-1248-5

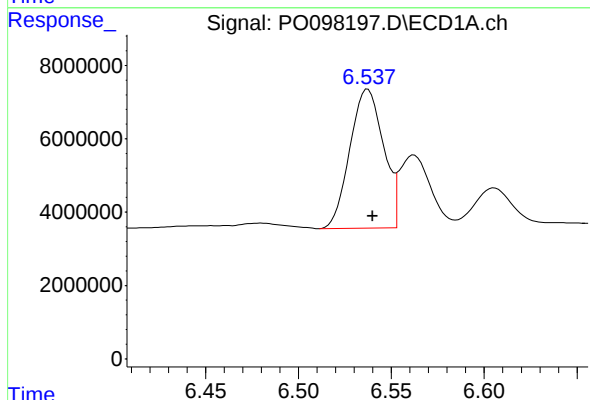
R.T.: 6.605 min
Delta R.T.: 0.000 min
Response: 17205295
Conc: 164.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



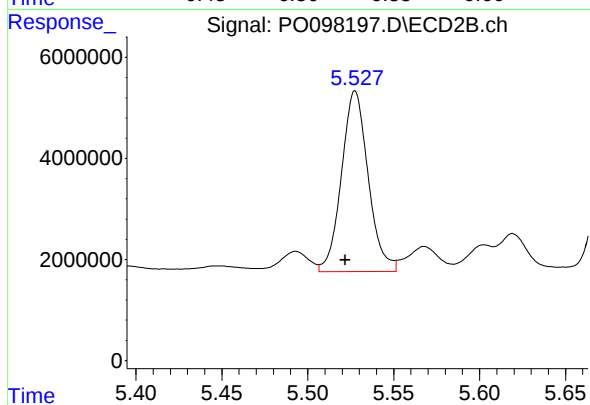
#25 AR-1248-5

R.T.: 5.568 min
Delta R.T.: 0.006 min
Response: 6335035
Conc: 122.22 ng/ml



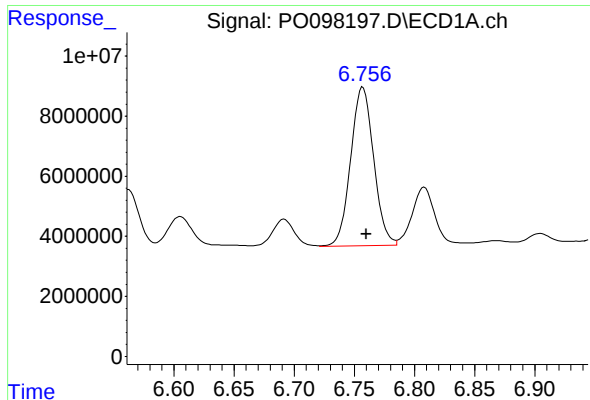
#26 AR-1254-1

R.T.: 6.537 min
Delta R.T.: -0.003 min
Response: 47838399
Conc: 486.46 ng/ml



#26 AR-1254-1

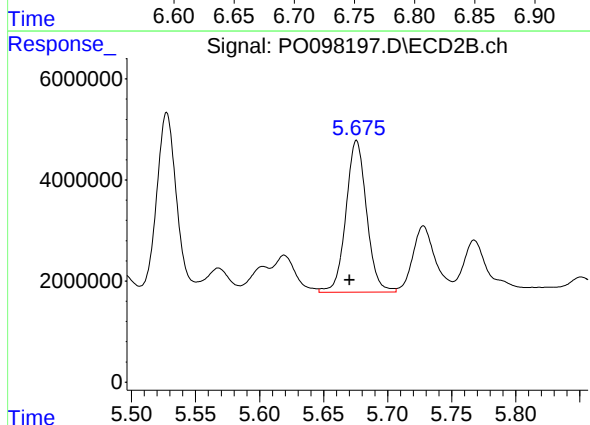
R.T.: 5.528 min
Delta R.T.: 0.006 min
Response: 38699578
Conc: 514.41 ng/ml



#27 AR-1254-2

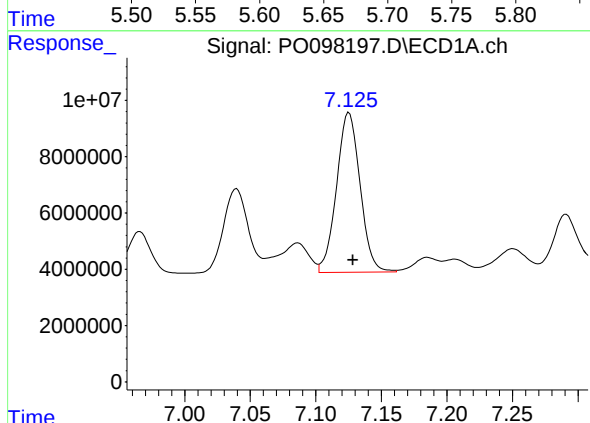
R.T.: 6.757 min
Delta R.T.: -0.003 min
Response: 70367247
Conc: 473.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



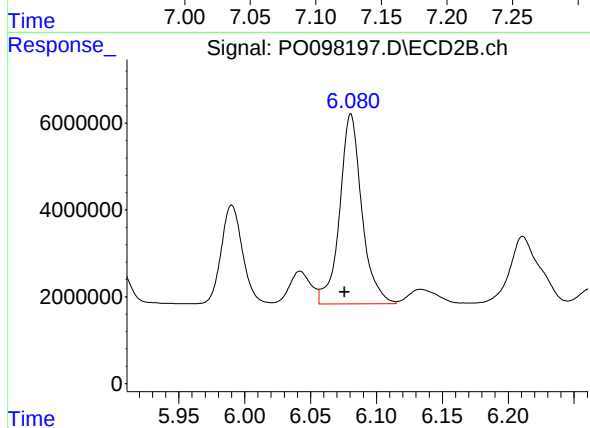
#27 AR-1254-2

R.T.: 5.676 min
Delta R.T.: 0.005 min
Response: 33651913
Conc: 503.16 ng/ml



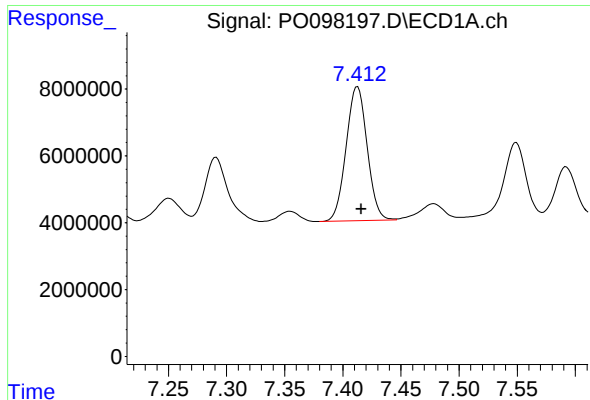
#28 AR-1254-3

R.T.: 7.125 min
Delta R.T.: -0.003 min
Response: 70928360
Conc: 469.67 ng/ml



#28 AR-1254-3

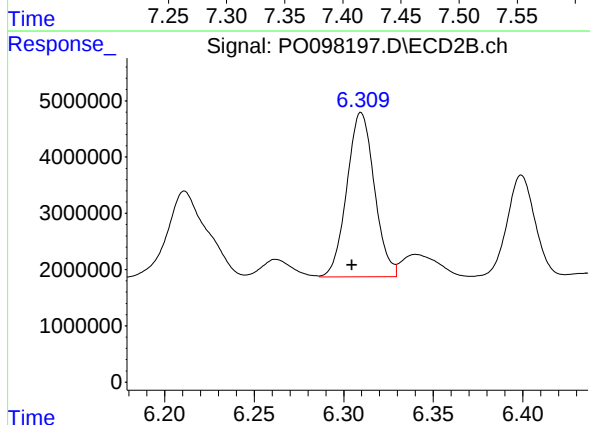
R.T.: 6.081 min
Delta R.T.: 0.005 min
Response: 51071288
Conc: 490.35 ng/ml



#29 AR-1254-4

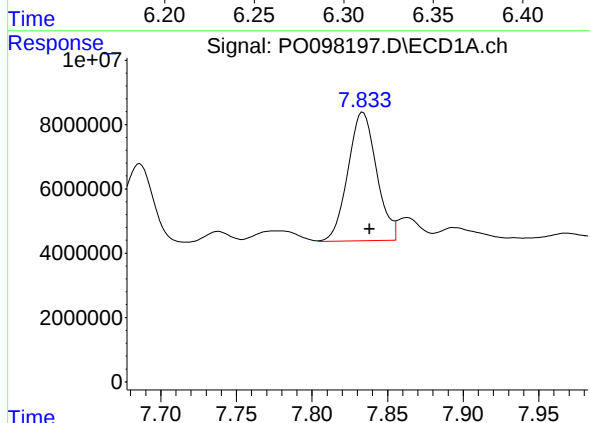
R.T.: 7.413 min
Delta R.T.: -0.003 min
Response: 50407127
Conc: 466.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



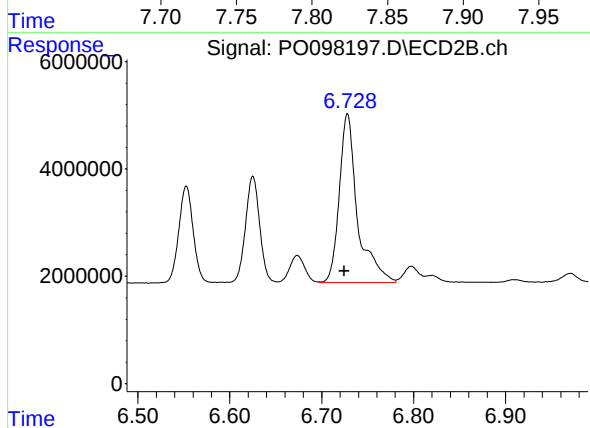
#29 AR-1254-4

R.T.: 6.310 min
Delta R.T.: 0.005 min
Response: 31270056
Conc: 487.71 ng/ml



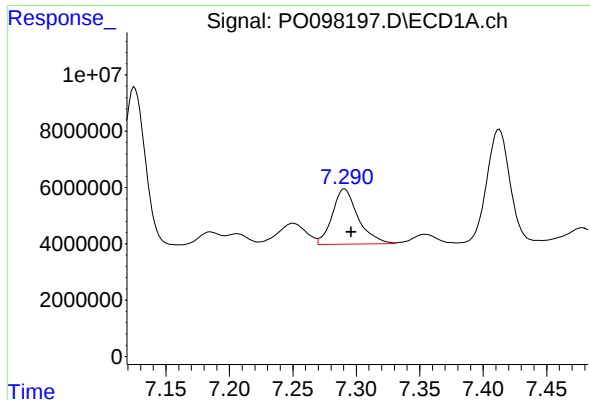
#30 AR-1254-5

R.T.: 7.834 min
Delta R.T.: -0.004 min
Response: 52749628
Conc: 469.67 ng/ml



#30 AR-1254-5

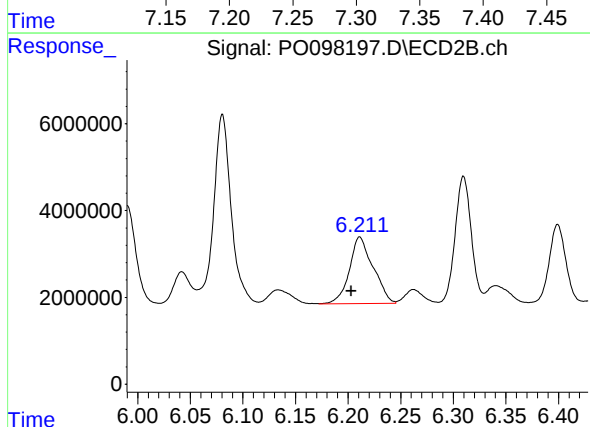
R.T.: 6.728 min
Delta R.T.: 0.004 min
Response: 43523539
Conc: 480.27 ng/ml



#31 AR-1260-1

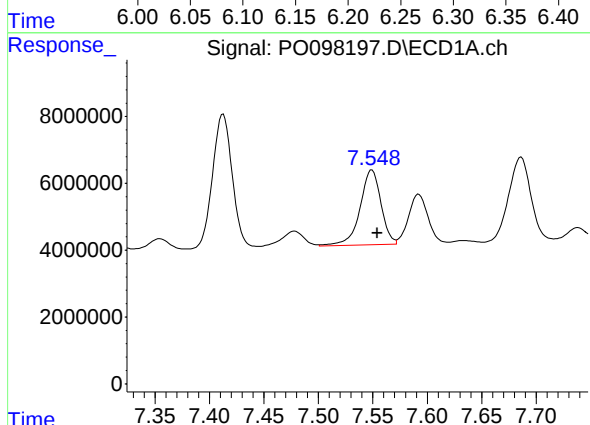
R.T.: 7.291 min
Delta R.T.: -0.005 min
Response: 27881749
Conc: 248.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



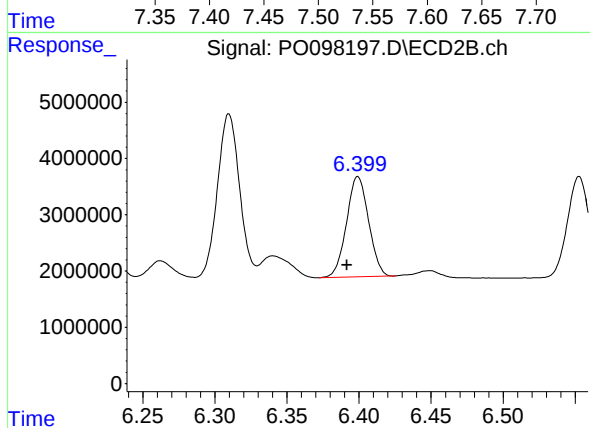
#31 AR-1260-1

R.T.: 6.211 min
Delta R.T.: 0.008 min
Response: 24069891
Conc: 347.41 ng/ml



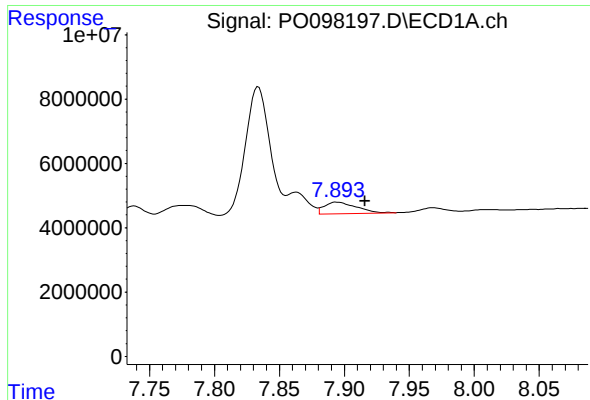
#32 AR-1260-2

R.T.: 7.549 min
Delta R.T.: -0.005 min
Response: 30027986
Conc: 229.55 ng/ml



#32 AR-1260-2

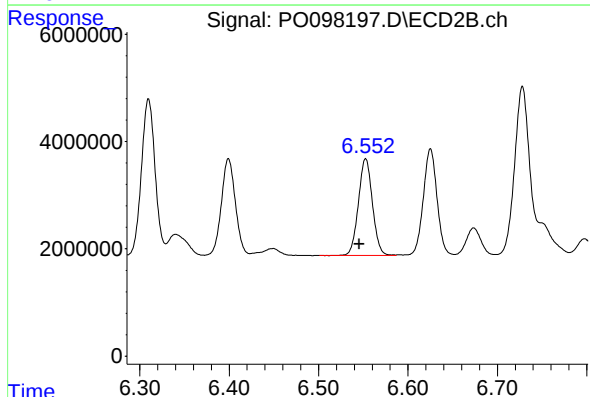
R.T.: 6.399 min
Delta R.T.: 0.008 min
Response: 18982132
Conc: 231.83 ng/ml



#33 AR-1260-3

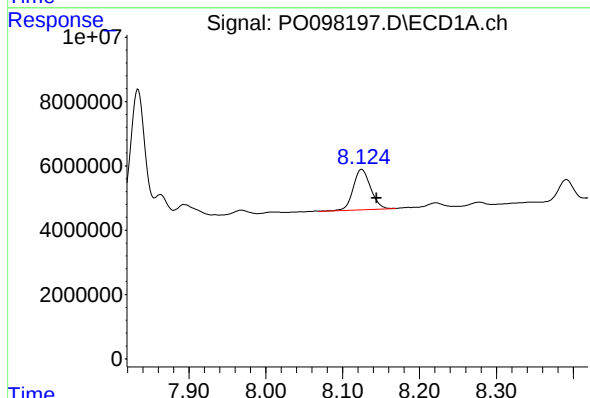
R.T.: 7.894 min
Delta R.T.: -0.022 min
Response: 6273346
Conc: 65.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



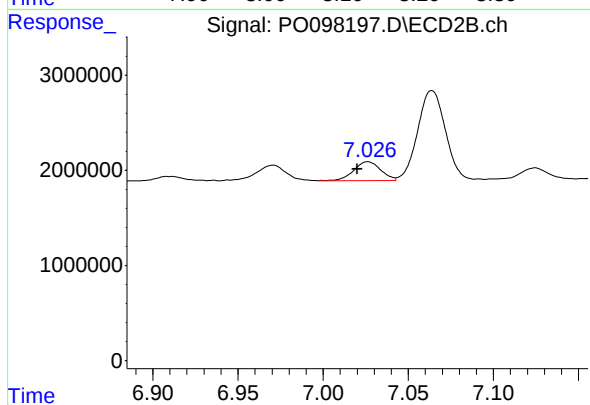
#33 AR-1260-3

R.T.: 6.553 min
Delta R.T.: 0.007 min
Response: 19615470
Conc: 253.23 ng/ml



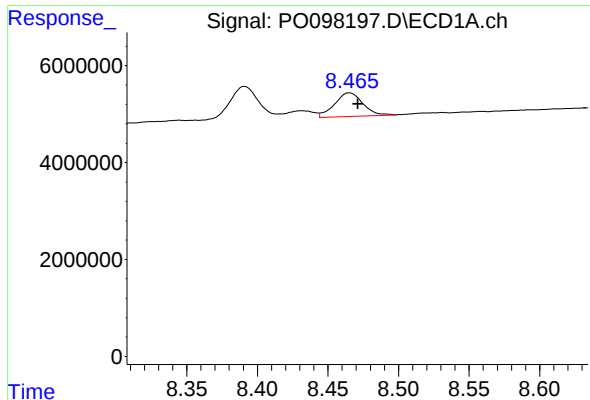
#34 AR-1260-4

R.T.: 8.125 min
Delta R.T.: -0.020 min
Response: 20042782
Conc: 182.70 ng/ml



#34 AR-1260-4

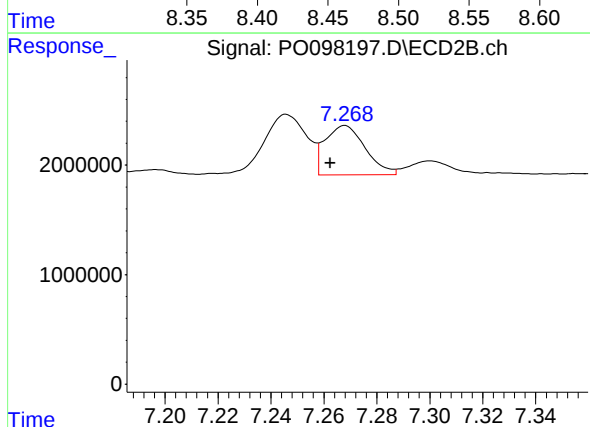
R.T.: 7.026 min
Delta R.T.: 0.006 min
Response: 2168876
Conc: 34.88 ng/ml



#35 AR-1260-5

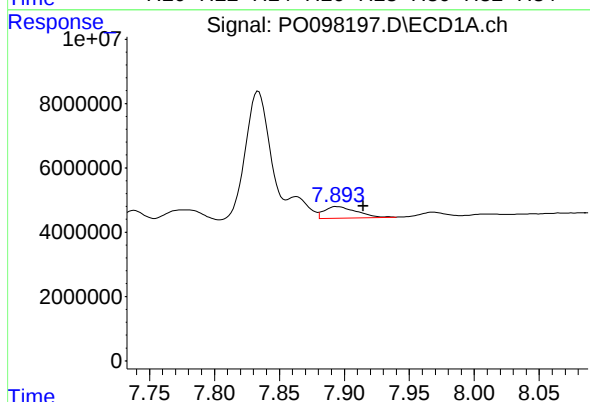
R.T.: 8.465 min
Delta R.T.: -0.006 min
Response: 6756892
Conc: 32.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



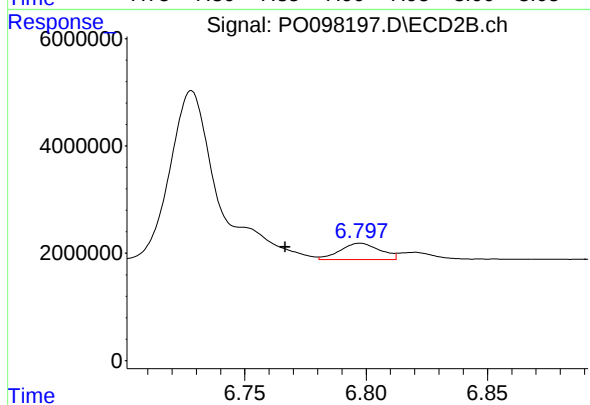
#35 AR-1260-5

R.T.: 7.268 min
Delta R.T.: 0.006 min
Response: 4730382
Conc: 33.35 ng/ml



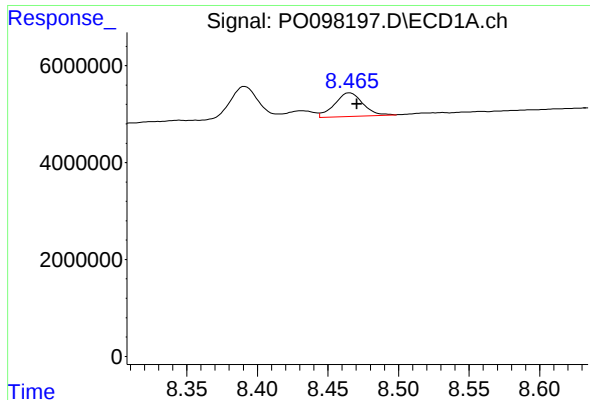
#36 AR-1262-1

R.T.: 7.894 min
Delta R.T.: -0.021 min
Response: 6273346
Conc: 43.88 ng/ml



#36 AR-1262-1

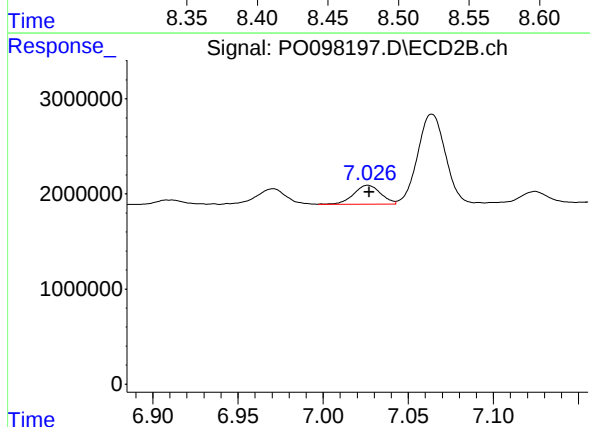
R.T.: 6.798 min
Delta R.T.: 0.031 min
Response: 3467994
Conc: 37.88 ng/ml



#37 AR-1262-2

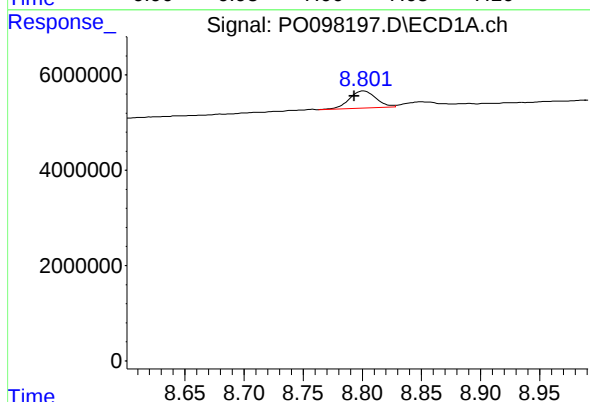
R.T.: 8.465 min
Delta R.T.: -0.005 min
Response: 6756892
Conc: 27.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



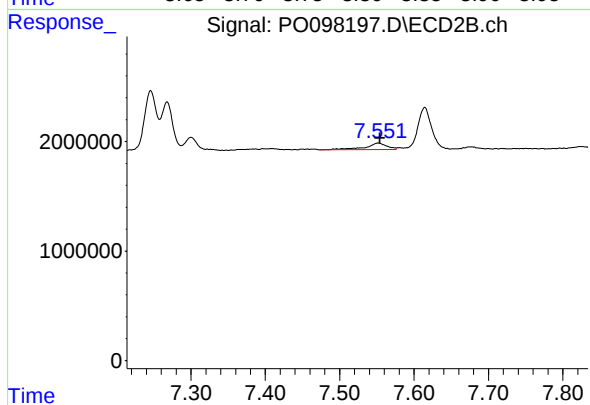
#37 AR-1262-2

R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 2168876
Conc: 26.62 ng/ml



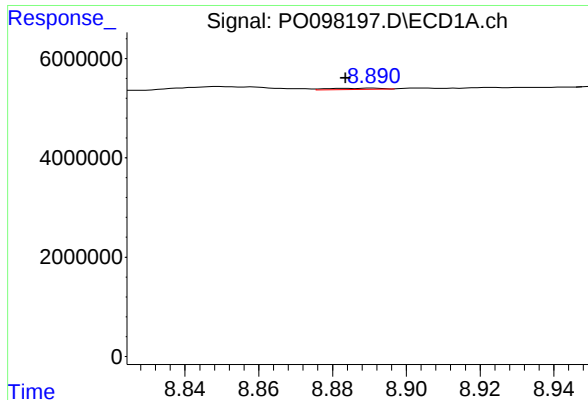
#38 AR-1262-3

R.T.: 8.801 min
Delta R.T.: 0.008 min
Response: 5703419
Conc: 34.52 ng/ml



#38 AR-1262-3

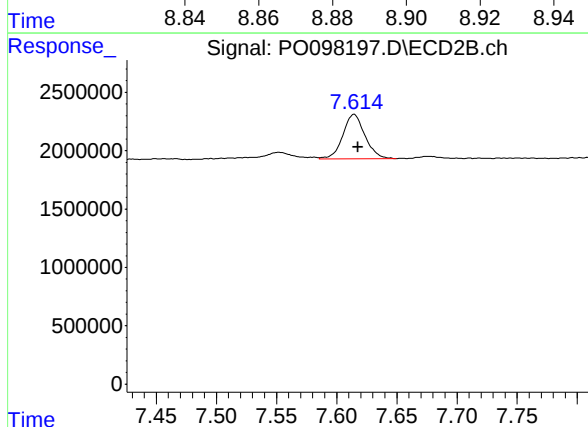
R.T.: 7.552 min
Delta R.T.: -0.002 min
Response: 1185107
Conc: 18.64 ng/ml



#39 AR-1262-4

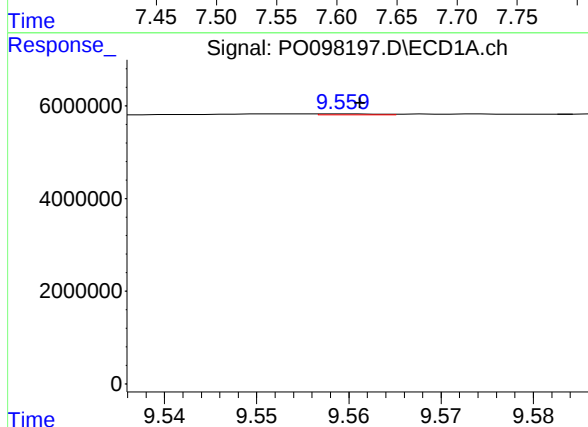
R.T.: 8.891 min
Delta R.T.: 0.007 min
Response: 214314
Conc: 2.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



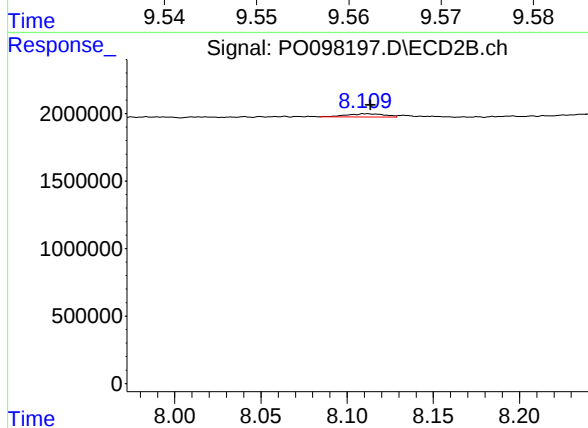
#39 AR-1262-4

R.T.: 7.614 min
Delta R.T.: -0.003 min
Response: 4873947
Conc: 41.81 ng/ml



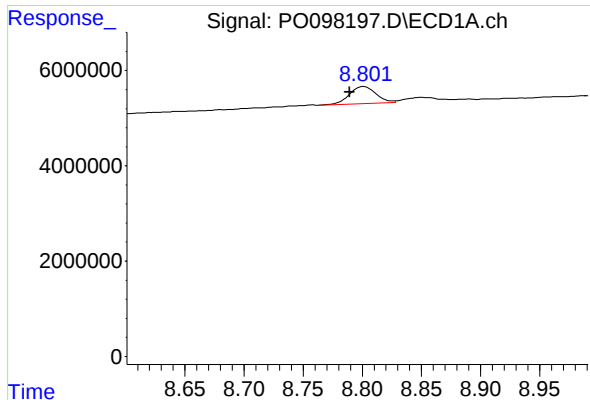
#40 AR-1262-5

R.T.: 9.559 min
Delta R.T.: -0.002 min
Response: 82189
Conc: 0.95 ng/ml



#40 AR-1262-5

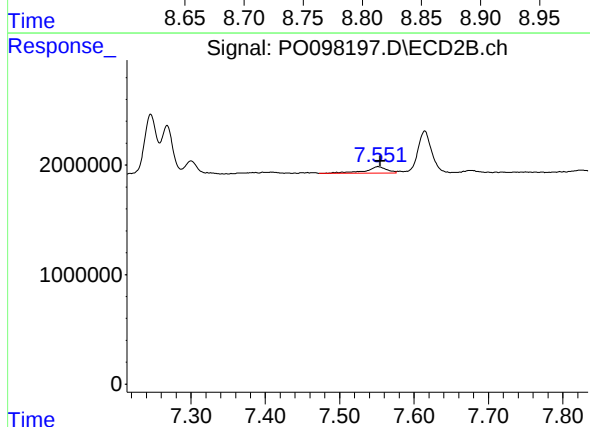
R.T.: 8.111 min
Delta R.T.: -0.003 min
Response: 377719
Conc: 6.96 ng/ml



#41 AR-1268-1

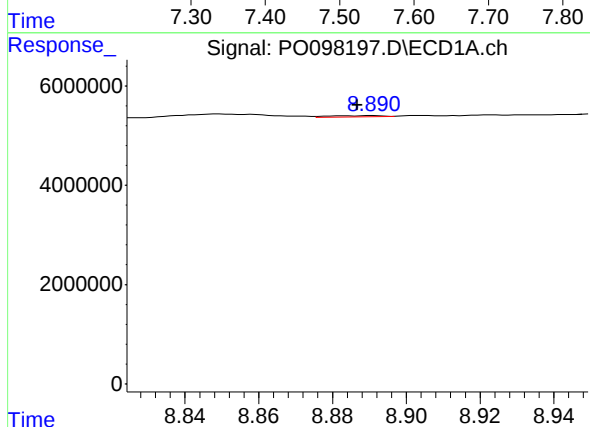
R.T.: 8.801 min
Delta R.T.: 0.012 min
Response: 5703419
Conc: 20.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



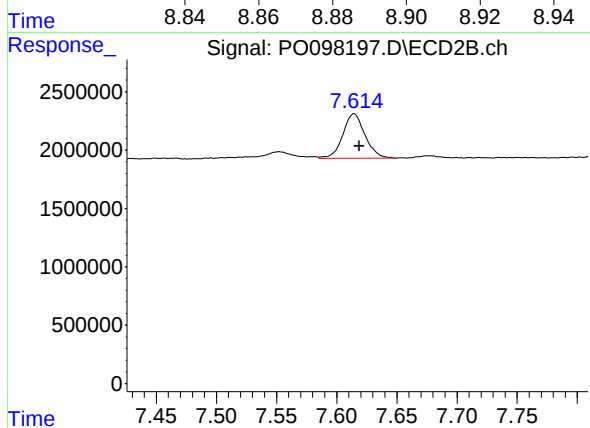
#41 AR-1268-1

R.T.: 7.552 min
Delta R.T.: -0.003 min
Response: 1185107
Conc: 6.39 ng/ml



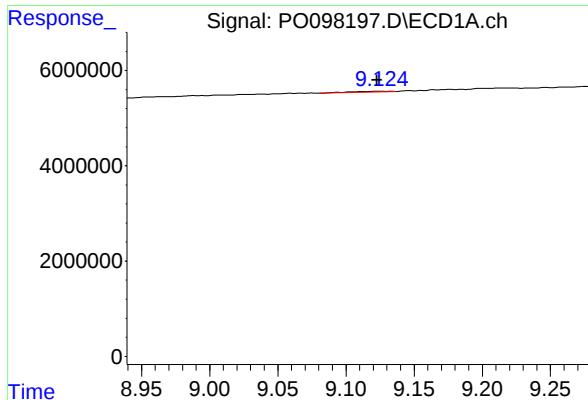
#42 AR-1268-2

R.T.: 8.891 min
Delta R.T.: 0.004 min
Response: 214314
Conc: 0.86 ng/ml



#42 AR-1268-2

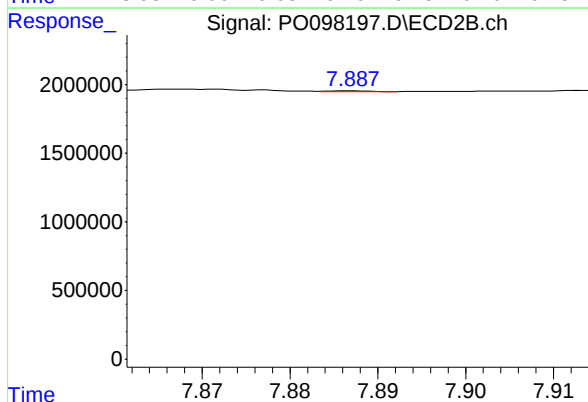
R.T.: 7.614 min
Delta R.T.: -0.004 min
Response: 4873947
Conc: 29.93 ng/ml



#43 AR-1268-3

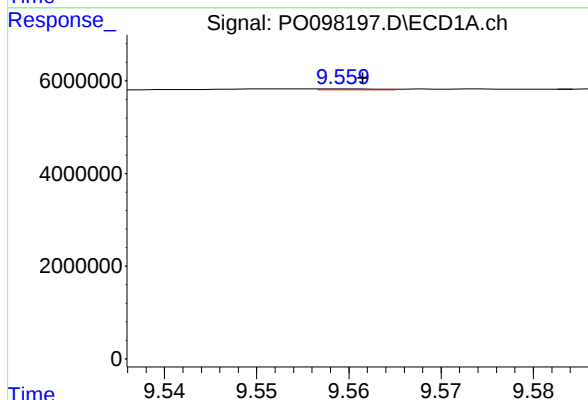
R.T.: 9.125 min
Delta R.T.: 0.003 min
Response: 309804
Conc: 1.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



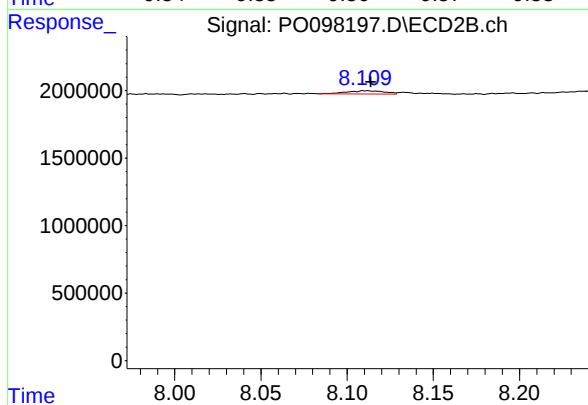
#43 AR-1268-3

R.T.: 7.887 min
Delta R.T.: -0.030 min
Response: 19430
Conc: 0.57 ng/ml



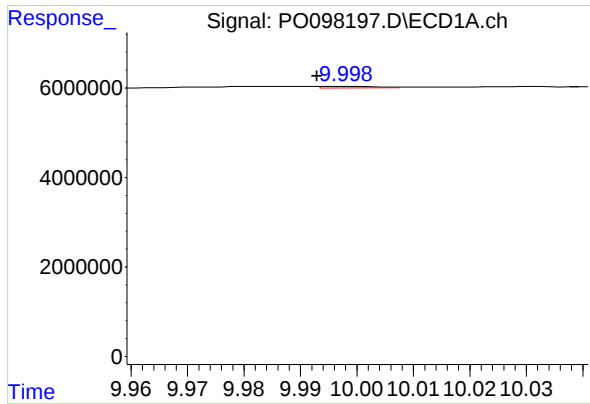
#44 AR-1268-4

R.T.: 9.559 min
Delta R.T.: -0.002 min
Response: 82189
Conc: 0.90 ng/ml



#44 AR-1268-4

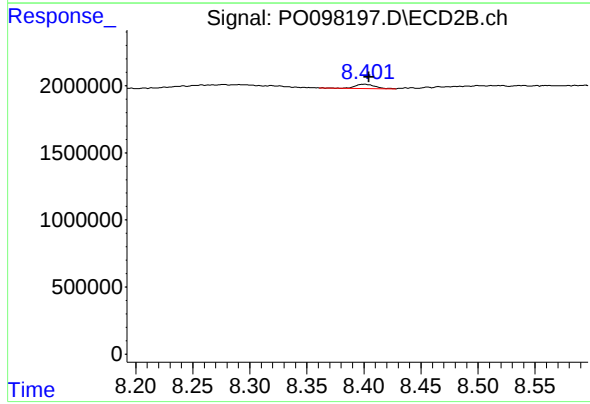
R.T.: 8.111 min
Delta R.T.: -0.003 min
Response: 377719
Conc: 6.32 ng/ml



#45 AR-1268-5

R.T.: 9.998 min
Delta R.T.: 0.005 min
Response: 207075
Conc: 0.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.401 min
Delta R.T.: -0.004 min
Response: 360872
Conc: 0.85 ng/ml